C.L. SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

DSA APP. NO.: 03-125575

PTN: 68809-91

VICINITY MAP

APPLIC. CODES & STANDARDS

THESE NOTES APPLY TO ALL PORTIONS, PHASES & SUBCONTRACTORS OF THIS PROJECT.
APPLICABLE CODES:

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
- 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
- 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
- TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE STANDARDS: 2022 CALIFORNIA BUILDING CODE (FOR SFM) REFERENCED STANDARDS CHAPTER 35

- NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CALIFORNIA AMENDED) 2022 EDITION
- NFPA 14 STANDPIPE SYSTEMS (CALIFORNIA AMENDED) 2019 EDITION
- NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2021 EDITION
- NFPA 20 STATIONARY PUMPS 2019 EDITION
- NFPA 24 PRIVATE FIRE SERVICE MAINS (CALIFORNIA AMENDED) 2019 EDITION
- NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CALIFORNIA AMENDED) (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES") 2022 EDITION
- NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2019 EDITION
- NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CALIFORNIA AMENDED) 2018 EDITION
- UL464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS 2003 EDITION
- UL521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS 1999 EDITION
- UL1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPARED 2002 (R2010)

ACCEPTANCE TESTING

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.

A LISTING OF CERTIFIED ATT CAN BE FOUND AT:
HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE.

THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

ALTERNATES

ALTERNATE 1:
ALL KITCHEN EQUIPMENT ON TO BE PRICED SEPARATELY DUE TO SEPARATE FUNDING SOURCE.
REFER TO A6-400

PROJECT INFORMATION

PROJECT SCOPE

1. MODERNIZATION OF EXISTING CLASSROOM BUILDINGS (BUILDINGS 200, 400, 700), LIBRARY (BUILDING 500), AND MULTIPURPOSE/KITCHEN/CLASSROOM BUILDING (BUILDING 600) INCLUDING BUT NOT LIMITED TO ROOF WORK, INTERIOR FINISHES, DOOR HARDWARE, CABINET WORK, LIGHTING, MECHANICAL EQUIPMENT AND PLUMBING WORK.
2. RELATED SITEWORK AROUND ABOVE MENTIONED SCOPES INCLUDING CONCRETE WALKS, FENCING, GATES, UTILITIES, ETC.
3. STRUCTURAL REHABILITATION OF ALL BUILDINGS NOT REQUIRED PER COST ESTIMATE. SEE SUPPORTING DOCUMENTS.

CLIMATE ZONE: 5

PROJECT DIRECTORY

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GENERAL CONFORMANCE

APPLICATION NO. 03-125575

DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET THAT HAVE BEEN MARKED AS SUCH IN THE DRAWING INDEX, HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT, AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS, AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND.
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS, AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS DUTIES AND RESPONSIBILITIES UNDER SECTION 17302 AND 81138 OF THE EDUCATION CODE, AND SECTIONS 4-336, 4-341, AND 4-344" OF TITLE 24, PART 1 (*TITLE 24, PART 1, SECTION 4-317(b)).*

I CERTIFY THAT:

- ■ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
- ■ THIS DRAWING OR PAGE

- ■ IS/ARE IN GENERAL CONFORMANCE
- ■ AND
- ■ HAVE BEEN COORDINATED

Jon Houck — 09-18-25
SIGNATURE — DATE

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

JON HOUCK
PRINT NAME

C40884 — 10-31-27
LICENSE NUMBER — **EXPIRATION**

CODE ANALYSIS

NO CHANGES TO THE EXISTING BUILDING USE, OCCUPANCY, CONSTRUCTION TYPE, AND NUMBER OF STORIES.

BUILDING 200 (B)

USE: CLASSROOMS. LEARNING CENTER, BREAKOUT AREAS
OCCUPANCY CLASSIFICATION: E (NO CHANGE)
CONSTRUCTION TYPE: VB (NO CHANGE)
SPRINKLER TYPE: NOT SPRINKLERED (NO CHANGE)
FIRE SEPARATION: NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES
ALLOWABLE BUILDING AREA: 9,500 SF
PROPOSED BUILDING AREA: 9,216 SF (NO CHANGE)
NUMBER OF STORIES: 1 (NO CHANGE)

BUILDING 400 (F)

USE: CLASSROOMS, LEARNING CENTER
OCCUPANCY CLASSIFICATION: E (NO CHANGE)
CONSTRUCTION TYPE: VB (NO CHANGE)
SPRINKLER TYPE: NOT SPRINKLERED (NO CHANGE)
FIRE SEPARATION: NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES
ALLOWABLE BUILDING AREA: 9,500 SF
PROPOSED BUILDING AREA: 5963 SF (NO CHANGE)
NUMBER OF STORIES: 1 (NO CHANGE)

BUILDING 500 (E)

USE: LIBRARY, TECH LAB
OCCUPANCY CLASSIFICATION: A-3 & E (NO CHANGE)
CONSTRUCTION TYPE: VB (NO CHANGE)
SPRINKLER TYPE: NOT SPRINKLERED (NO CHANGE)
FIRE SEPARATION: NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES
ALLOWABLE BUILDING AREA: 6,000 SF (A-3 GOVERNS) (NO CHANGE)
PROPOSED BUILDING AREA: 5,813 SF (NO CHANGE)
NUMBER OF STORIES: 1 (NO CHANGE)

BUILDING 600 (G)

USE: MULTI-PURPOSE ROOM W/ BLEACHERS, STAGE, KITCHEN, FOOD SERVICE, MUSIC CLASSROOM
OCCUPANCY CLASSIFICATION: A-2, A-4, & E (NO CHANGE)
CONSTRUCTION TYPE: VB (NO CHANGE)
SPRINKLER TYPE: FULLY SPRINKLERED (NO CHANGE)
FIRE SEPARATION: NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES
ALLOWABLE BUILDING AREA: 24,000 SF (NO CHANGE)
PROPOSED BUILDING AREA: 17,614 SF (NO CHANGE)
NUMBER OF STORIES: 1 (NO CHANGE)

BUILDING 700 (D)

USE: CLASSROOMS, LEARNING CENTER
OCCUPANCY CLASSIFICATION: E (NO CHANGE)
CONSTRUCTION TYPE: VB (NO CHANGE)
SPRINKLER TYPE: NOT SPRINKLERED (NO CHANGE)
FIRE SEPARATION: NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES
ALLOWABLE BUILDING AREA: 9,500 SF (NO CHANGE)
PROPOSED BUILDING AREA: 9,218 SF (NO CHANGE)
NUMBER OF STORIES: 1 (NO CHANGE)

DEFERRED SUBMITTALS

NONE

UTILITIES

WATER/SEWER	CITY OF SAN LUIS OBISPO
ELEC	PACIFIC GAS AND ELECTRIC
GAS	SOUTHERN CALIFORNIA GAS CO.
TEL	AT&T
GARBAGE	SAN LUIS GARBAGE COMPANY
CABLE	CHARTER COMMUNICATION

CERTIFICATION

DSA INSPECTOR:
THIS PROJECT A#03-125575 CANNOT BE CERTIFIED UNTIL THE FOLLOWING PROJECT CONTAINING REQUIRED ACCESSIBLE COMPONENTS IS CERTIFIED:

1. A03-124067 (INCLUDES RESTROOM ACCESSIBILITY UPGRADES).

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G4-403 CODE ANALYSIS-BUILDING 400(F)
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A2-111 BLDG. 200 - REFLECTED CEILING PLAN - DEMOLITION & PROPOSED
A2-121 BLDG. 200 - ROOF PLAN - DEMOLITION & PROPOSED
A2-131 BLDG. 200 - FINISH & SIGNAGE FLOOR PLAN & FINISH SCHEDULE
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A6-121 BLDG. 600 - ROOF PLAN - DEMOLITION
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26
Grand total: 160

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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TITLE SHEET

NO.	REVISION	DATE
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△		
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△		

PROJECT MANAGER
JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
G-001

DSA SUBMITTAL

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ABBREVIATIONS

A/C	AIR CONDITIONING
ABV	ABOVE
ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISH FLOOR
AL	ALUMINUM
ALT	ALTERNATE
ARCH	ARCHITECT(URAL)
BD	BOARD
BDRM	BEDROOM
BET	BETWEEN
BIT	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BLW	BELOW
BM	BEAM
BOT	BOTTOM
BUR	BUILT UP ROOF
CB	CATCH BASIN
CBC	CALIFORNIA BUILDING CODE
CEM	CEMENT
CFM	CUBIC FEET PER MINUTE
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
DBL	DOUBLE
DF	DRINKING FOUNTAIN
DIA	DIAMETER, DIAPHRAGM
DIM	DIMENSION
DN	DOWN
DR	DOOR
DS	DOWN SPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
(E)	EXISTING
E	EAST
EA	EACH
EJ	EXPANSION JOINT
EL. ELEV	ELEVATION
ELEC	ELECTRIC
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
EXH	EXHAUST
EXP	EXPANSION
EXT	EXTERIOR
FACP	FIRE ALARM CONTROL PANEL
FAU	FORCED AIR UNIT
FAWP	FLUID APPLIED WATERPROOFING
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLOURESCENT
FND	FOUNDATION
FO	FACE OF
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FRP	FIBERGLASS REINFORCED PANELS
FT	FOOT OR FEET
FTG	FOOTING
GA	GAUGE, GAGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GT	GROUT
GWB	GYPSUM BOARD
GYP	GYPSUM
HB	HOSE BIBB
HC	HOLLOW CORE
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HVAC	HEATING, VENTILATION, A/C
ID	INSIDE DIAMETER
IIC	IMPACT INSULATION CLASS
IN	INCH
INCAND	INCANDESCENT
INSUL	INSULATION, INSULATED
INT	INTERIOR
JC	JANITORS CLOSET
JT	JOINT
LAM	LAMINATE
LAV	LAVATORY
LBS	POUNDS
LEED	LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN
LF	LINEAR FEET
LIN	LINEN CLOSET
LINO	LINOLEUM
LT(G)	LIGHT(ING)
LVL	LAMINATED VENEER LUMBER
LVT	LUXURY VINYL TILE
LW	LIGHTWEIGHT
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTD	MOUNTED
MTL	METAL
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O.P.	OVERFLOW PIPE
OC	ON CENTER
OD	OVERFLOW DRAIN
OFF	OFFICE
OH	OPPOSITE HAND
OPG	OPENING
OPP	OPPOSITE
(P)	PROPOSED
PERM	PERIMETER
PERP	PERPENDICULAR
PG	PAINT GRADE
PL	PLATE, PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PP	POWER POLE
PR	PAIR
PRTN	PARTITION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
PT	PRESSURE TREATED
PTD	PAINTED
PV	PHOTO VOLTAIC
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QTY	QUANTITY
R	RADIUS, RISER
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFRIGERATOR
REINF	REINFORCED
REQD	REQUIRED
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
RTU	ROOF TOP UNIT (MECH)
S	SOUTH
SAFB	SOUND ATTENUATION FIBER BATT
SAWP	SELF ADHEREING WATERPROOFING
SC	SCUPPER/SOLID CORE
SCHED	SCHEDULE
SEAL	SEALANT
SECT	SECTION
SF	SQUARE FOOT
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SM	SHEET METAL
SPEC	SPECIFICATION
SQ	SQUIRE
SS	SOLID SURFACE
SSTL	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SYM	SYMMETRICAL
T	TREAD
T&G	TONGUE & GROOVE
TB	TACKBOARD
TEL	TELEPHONE
TEMP	TEMPERED
TER	TERRAZZO
THK	THICK
THR	THRESHOLD
TJI	TRUSS JOIST I-JOIST
TO	TOP OF
TOS	TOP OF SLAB
TOW	TOP OF WALL
TRANS	TRANSFORMER
TV	TELEVISION
TYP	TYPICAL
UFAS	UNIFORM FEDERAL ACCESSIBILITY STANDARDS
UG	UNDERGROUND
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UV	ULTRAVIOLET
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VTR	VENT TERMINATION PIPE
VWC	VINYL WALL COVERING
W	WEST
W/	WITH
W/D	WASHER DRYER
W/O	WITHOUT
WC	WATERCLOSET
WD	WOOD
WDW	WINDOW
WH	WATER HEATER
WI	WROUGHT IRON
WIN	WINDOW
WP	WATERPROOF(ING)
WR	WEATHER RESISTIVE
WRB	WATER RESISTIVE BARRIER
WSCT	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD

DEMOLITION GENERAL NOTES

1. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA
2. INSPECTION: PRIOR TO START OF SELECTIVE DEMOLITION WORK, EXAMINE WORK TO BE REMOVED AND WORK TO REMAIN TO DETERMINE NATURE OF WORK AND CONDITIONS UNDER WHICH SELECTIVE DEMOLITION WILL BE CONDUCTED. MAKE NECESSARY EXPLORATIONS AND PROBES TO DETERMINE EXTENT AND KIND OF PROTECTION REQUIRED. VERIFY EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD. WHERE EXISTING CONDITIONS ARE FOUND TO BE IN CONFLICT WITH THE CONTRACT DOCUMENTS, AND EXISTING DRAWINGS, SUBMIT WRITTEN NOTIFICATION AND REQUEST CLARIFICATION. DO NOT PERFORM WORK RELATED TO CONFLICTING CONDITIONS UNTIL CLARIFICATION IS OBTAINED. KEEP THE INSPECTION REPORT, INCLUDING PHOTOGRAPHS, ON FILE.
3. PRIOR TO DEMOLITION, CONTRACTOR AND SCHOOL DISTRICT TO MEET TO DISCUSS ALL ITEMS NOTED TO BE REMOVED OR DEMOLISHED. SCHOOL DISTRICT TO DETERMINE IF ANY ITEMS ARE TO BE SALVAGED, SAVED, STORED, OR OTHERWISE SET ASIDE FOR FUTURE USE ON OTHER PROJECTS/SCHOOL SITES. NO ITEMS SHOULD BE DISPOSED OF WITHOUT HAVING DISCUSSED THEM WITH THE SCHOOL DISTRICT.
4. ADDITIONAL EXTENT OF DEMOLITION IS INDICATED ON DRAWINGS OTHER THAN DEMOLITION PLANS. GENERAL CONTRACTOR MUST SUPERVISE, CONTROL AND ASSUME RESPONSIBILITY FOR ALL CONTRACT WORK, INCLUDING SAFETY OF PERSONS AND PROPERTY. REGARDLESS OF WHERE DEMOLITION WORK IS SHOWN WITHIN CONTRACT DOCUMENTS, THE ARCHITECT'S (OR THE ENGINEER'S) PRESENCE OR REVIEW OF THE WORK DOES NOT INCLUDE THE ADEQUACY OF THE CONTRACTOR'S METHODS OR MEASURES.
5. PROTECTION: ENSURE SAFE PASSAGE OF PERSONS AROUND AREA OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES AND OTHER FACILITIES, AND INJURY TO PERSONS.
6. ERECT TEMPORARY COVERED PASSAGEWAYS AS REQUIRED BY CBC CHAPTER 33 & CFC 1133
7. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF STRUCTURES TO BE DEMOLISHED AND ADJACENT FACILITIES TO REMAIN.
8. WORK TO BE DEMOLISHED: COMPLETELY REMOVE MATERIALS AND ITEMS SHOWN TO BE DEMOLISHED. REMOVED MATERIALS BECOME CONTRACTOR'S PROPERTY AND MUST BE REMOVED FROM PROJECT SITE.
9. WORK TO BE RETAINED: THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO ALL EXISTING CONSTRUCTION WHICH IS NOT SHOWN TO BE DEMOLISHED, INSIDE OR OUTSIDE OF THE PROJECT LIMITS. THE CONTRACTOR SHALL PROVIDE, AND BE RESPONSIBLE FOR ALL SHORING, BRACING, AND SOIL RETENTION SYSTEMS NEEDED TO COMPLETE THE DEMOLITION AND MAINTAIN THE STRUCTURAL INTEGRITY AND SAFETY OF THE BUILDING, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
   A. SHORING OF EXISTING FLOOR AND ROOF FRAMING WHERE VERTICAL SUPPORTS ARE REMOVED OR WEAKENED
   B. BRACING OF COLUMNS AND WALLS WHERE FLOOR OR ROOF FRAMING OR OTHER LATERAL SUPPORT IS REMOVED OR WEAKENED.
   C. SOIL RETENTION AND/OR UNDERPINNING WHERE EXCAVATIONS, DEMOLITION, OR SOIL CONDITIS MAY WEAKEN THE VERTICAL OR LATERAL SUPPORT OF EXISTING FOOTINGS.
   D. BRACING TO MAINTAIN THE LATERAL STABILITY OF THE ENTIRE STRUCTURE WHERE REMOVAL OF WALLS OR FLOOR AND ROOF FRAMING MAY WEAKEN THE EXISTING LATERAL CAPACITY OR REDUCE THE STABILITY.
10. SEQUENCE OF REMOVAL: ESTABLISH A SEQUENCE OF REMOVAL SO AS NOT TO PUT EXCESSIVE LOAD AND DEFORMATION ON THE EXISTING STRUCTURE. (SUBMIT SCHEDULE FOR DEMOLITION SEQUENCE TO BUILDING PROPERTY OWNER FOR APPROVAL.)
11. RESPONSIBILITY: CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING AND BRACING OF REMAINING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DUE TO LACK OF AND/OR INADEQUATE SHORING, BRACING, IMPROPER SEQUENCE OF REMOVAL.
12. THE CONTRACTOR'S TEMPORARY MEASURES SHALL BE ARRANGED OR DESIGNED SUCH THAT THEY DO NOT ALTER OR AFFECT THE PERMANENT STRUCTURE OR INTERFERE WITH THE PROPOSED NEW CONSTRUCTION.
13. CONCEALED CONDUIT ABANDONED IN PLACE SHALL BE CUT OUT APPROXIMATELY TWO INCHES BEHIND FINISH MATERIAL.
14. EXPOSED CONDUIT SHALL BE REMOVED IN IT'S ENTIRETY.
15. WIRING SHALL BE REMOVED FROM BOTH CONCEALED AND EXPOSED CONDUIT. NO WIRING SHALL REMAIN AS ABANDONED IN PLACE.
16. EXTERIOR OPENING: PROVIDE AND MAINTAIN WEATHER PROTECTION AT EXTERIOR OPENINGS, MADE BY SELECTIVE REMOVAL WORK TO FULLY PROTECT INTERIOR AGAINST DAMAGE FROM ELEMENTS UNTIL SUCH OPENINGS ARE CLOSED IN BY NEW CONSTRUCTION.
17. PROTECTION: PROTECT MATERIALS, ITEMS, AND FINISHES, SHOWN OR SPECIFIED TO BE RETAINED, FROM DAMAGE AND SOILING. ANY MATERIALS, ITEMS, OR FINISHES DAMAGED DURING THE WORK SHALL BE REPLACED AT NO COST TO THE OWNER.
18. CONTRACTOR IS RESPONSIBLE FOR DESIGN, PROVISION, AND INSTALLATION OF NECESSARY ADDITIONAL FRAMING REQUIRED TO SUPPORT EXISTING CEILING FRAMING CURRENTLY SUPPORTED BY WALLS TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR DESIGN, PROVISION, AND INSTALLATION OF PERMANENT SUPPORT OF EXISTING ITEMS ABOVE EXISTING CEILING FRAMING TO BE REMOVED TO ALLOW FOR INSTALLATION OF NEW CEILINGS.
19. THIS DRAWING INDICATES THAT STRUCTURE & FINISHES ARE TO REMAIN IN CERTAIN AREAS - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THE EXTENT OF ADDITIONAL DEMOLITION WHICH MAY BE REQUIRED TO ACCOMMODATE NEW CONSTRUCTION IN THESE AREAS AND SHALL BE RESPONSIBLE FOR THE COORDINATION AND PERFORMANCE OF ALL PATCH AND REPAIR WORK WHICH BECOMES NECESSARY AS A RESULT OF SUCH DEMOLITION
20. CONTRACTOR TO REMOVE ALL NECESSARY EXISTING FINISHES IN AREAS WHERE NEW FINISHES WILL BE INSTALLED INCLUDING NEW WATERPROOF GYPSUM BOARD AND/ OR CEMENTITIOUS BACKER BOARD AND TILE .
21. CONTRACTOR IS RESPONSIBLE TO REMOVE ALL FLOORING. CONTRACTOR TO CLEAN FLOOR TO RECEIVE SPECIFIED NEW FLOOR SYSTEM OR BE EXPOSED.
22. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH PLUMBING PLANS AND CUT AND PATCH THE CONCRETE SLAB AS REQUIRED TO PROVIDE A COMPLETE INSTALLATION OF THE PLUMBING. IDENTIFY EXISTING CONCRETE TO BE SAWCUT AND REMOVED IS PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO IDENTIFY AND PROVIDE ALL LOCATIONS OF CONCRETE SAW CUTTING AND REMOVAL.
23. CONTRACTOR TO DRILL, CUT AND PATCH EXISTING WALLS, CEILINGS AND ROOFING AS REQUIRED FOR THE COMPLETE INSTALLATION OF ALL UTILITIES AND BUILDING COMPONENTS.
24. CONTRACTOR SHALL REVIEW HAZARDOUS MATERIAL REPORTS (NOT INCLUDED IN PLAN SET) PRIOR TO COMMENCING DEMOLITION.
25. AT EXISTING ROOF TOP EQUIPMENT WHERE PENETRATIONS ARE TO BE INFILLED, ALL FLASHING IS TO BE COMPLETELY REMOVED AND OPENING FRAMING TO BE INSPECTED FOR DELETERIOUS CONDITIONS PRIOR TO SUBSEQUENT INFILL AS PRESCRIBED BY THE STRUCTURAL DOCUMENTS.
26. REMOVAL AND STORAGE OF MATERIALS TO BE RETAINED FOR FUTURE USE SHALL BE REMOVED AND STORED WITH CARE, PROTECTING THE MATERIAL FOR FUTURE REUSE INSTALLATION. ANY MATERIAL OR ELEMENT SCHEDULED
FOR REUSE AND FUTURE INSTALLATION SHOULD BE REPLACED TO THE OWNER'S SATISFACTION WITHOUT EXPENSE TO THE OWNER.
27. DEMOLITION WORK SHOWN IS LIMITED TO SPECIFIC ITEMS BEING REPLACED ONLY. INSTALLATION AND CONSTRUCTION OF NEW WORK MAY REQUIRE ADDITIONAL DEMOLITION WORK OR RELOCATION OF EXISTING COMPONENTS TO MAKE SYSTEM COMPLETE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED ADDITIONAL DEMOLITION AND RELOCATION WORK NECESSARY TO PROVIDE A COMPLETE NEW AND/OR MODIFIED SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

TITLE 24 CCR NOTES

1. ALL WORK SHALL CONFORM TO THE 2022 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
2. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR. CCD MUST BE SIGNED BY A/E OF RECORD, STRUCTURAL ENGINEER (WHEN APPLICABLE), DELEGATED PROFESSIONAL ENGINEER (WHEN APPLICABLE)
3. SUBMIT RFI'S TO DESIGN TEAM IN CASE OF INCONSISTENCIES BETWEEN APPROVED DRAWINGS AND APPROVED SPECIFICATIONS IN THE DESCRIPTIONS OF WORK TO BE DONE, EQUIPMENT TO BE PROVIDED OR MATERIAL TO BE USED. IT SHALL BE THAT THE MORE STRINGENT, THE MORE RESTRICTIVE, THE HIGHER QUALITY, AND THE GREATER QUANTITY OF WORK SHALL APPLY. SUBMIT REVISED DRAWINGS OR SPECIFICATIONS AS RESULT OF SUCH RFI'S TO DSA VIA CCD'S IF REQUIRED BY IR A-6.
4. WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).
5. A DSA CERTIFIED, CLASS 3 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24. INSPECTOR SHALL BE CLASS 3 CERTIFIED.
6. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
7. VERIFY REPORTS ARE REQUIRED BY THE GEOTECHNICAL ENGINEER.
8. THE PROJECT INSPECTION (PI) SHALL WITNESS AND VERIFY GROUNDING.
9. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR UNAPPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR).
10. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS, AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
11. COPIES OF TITLE 24, PARTS 1 THROUGH 5 AND 9 SHALL BE KEPT ON SITE DURING CONSTRUCTION.
12. CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND OR SEISMIC FORCE RESISTING SYSTEM, INSTALLATION OF EQUIPMENT /COMPONENTS REQUIRING SPECIAL SEISMIC CERTIFICATION, OR A WIND OR SEISMIC FORCE RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL (DIVISION OF THE STATE ARCHITECT) AND THE OWNER OR THE OWNER'S AUTHORIZED AGENT PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS. STATEMENTS SHALL BE IN ACCORDANCE WITH CBC 1704A.4.
13. PER CFC 510.1 EMERGENCY RESPONDER RADIO COVERAGE IN NEW BUILDINGS: NEW BUILDINGS SHALL HAVE APPROVED RADIO COVERAGE FOR EMERGENCY RESPONDERS WITHIN THE BUILDING BASED ON THE EXISTING COVERAGE LEVELS OF THE PUBLIC SAFETY COMMUNICATION SYSTEMS UTILIZED BY THE JURISDICTION, MEASURED AT THE EXTERIOR OF THE BUILDING.
14. ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.
15. EPOXY SHEAR DOWELS IN SITE FLATWORK AND AND OTHER NON-STRUCTURAL CONCRETE SHALL NOT REQUIRE TESTING IN ACCORDANCE WITH DSA IR A-22.
16. POST INSTALLED ANCHORS FOR NON-STRUCTURAL COMPONENTS SHALL NOT REQUIRE TESTING PER IR A=22 UNLESS INDICATED ON THE PLANS.

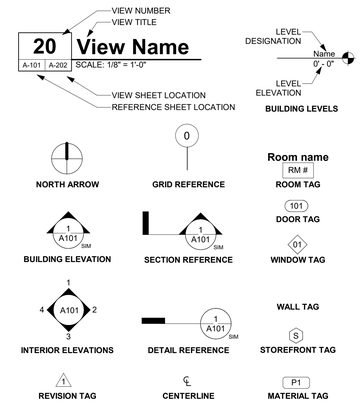
GENERAL NOTES

THESE NOTES APPLY TO ALL PORTIONS, PHASES AND SUBCONTRACTORS OF THIS PROJECT.

APPLICABLE CODES ARE STANDARDS:
- *2025 CALIFORNIA ADMINISTRATIVE CODE AND ITS APPENDICES AND STANDARDS.*
- *2022 CALIFORNIA BUILDING CODE AND ITS APPENDICES AND STANDARDS.*
- *2022 CALIFORNIA PLUMBING CODE AND ITS APPENDICES AND STANDARDS.*
- *2022 CALIFORNIA MECHANICAL CODE AND ITS APPENDICES AND STANDARDS.*
- *2022 CALIFORNIA FIRE CODE AND ITS APPENDICES AND STANDARDS.*
- *2022 CALIFORNIA ELECTORAL CODE AND ITS APPENDICES AND STANDARDS.*
- *2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS.*
- *2022 CALIFORNIA GREEN BUILDING STANDARDS CODE AND ITS APPENDICES AND STANDARDS.*

1. ALL WORK DESCRIBED IN THE DRAWINGS SHALL BE VERIFIED FOR DIMENSION, GRADE, EXTENT AND COMPATIBILITY WITH EXISTING SITE CONDITIONS. ANY DISCREPANCIES AND UNEXPECTED CONDITIONS THAT AFFECT OR CHANGE THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY. DO NOT PROCEED WITH THE WORK IN THE AREA OF DISCREPANCIES UNTIL ALL SUCH DISCREPANCIES ARE RESOLVED. IF THE CONTRACTOR CHOOSES TO DO, HE/SHE SHALL BE PRECEDING AT HIS/HER OWN RISK.
2. DIMENSIONS SHOWN SHALL TAKE PRECEDENCE OVER DRAWING SCALE OR PROPORTION. LARGER SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS. ALL DIMENSIONS ARE ROUGH AND TO THE FACE OF FRAMING CONTRACTOR SHALL NOT SCALE THE DRAWINGS.
3. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
4. IN THE EVENT OF THE UNFORESEEN ENCOUNTER OF MATERIALS SUSPECTED TO BE ARCHAEOLOGICAL OR PALEONTOLOGICAL NATURE, ALL GRADING AND EXCAVATION SHALL CEASE IN IMMEDIATE AREA AND THE CONTRACTOR SHALL NOTIFY THE OWNER. THE FIND SHALL BE LEFT UNTOUCHED UNTIL AN EVALUATION BY A QUALIFIED ARCHAEOLOGIST OR PALEONTOLOGIST IS MADE.
5. CONTRACTOR IS TO BE RESPONSIBLE FOR BEING FAMILIAR WITH THESE DOCUMENTS INCLUDING ALL CONTRACT REQUIREMENTS.
6. CONTRACTOR TO REVIEW CALIFORNIA GREEN CODE REQUIREMENTS FOR CONTRACTOR REQUIREMENTS.
7. CONTRACTOR TO PROVIDE COMPLETE DETAILS OF ENGINEERED TEMPORARY SHORING OR SLOT CUTTING PROCEDURES ON PLANS. CALL FOR INSPECTION BEFORE EXCAVATION BEGINS.
8. THE SOILS ENGINEER IS TO APPROVE THE KEY OR BOTTOM AND LEAVE A CERTIFICATE ON THE SITE FOR THE GRADING INSPECTOR. THE GRADING INSPECTOR IS TO BE NOTIFIED BEFORE ANY GRADING BEGINS., AND FOR BOTTOM INSPECTION, BEFORE FILL IS PLACED. FILL MAY NOT BE PLACED WITHOUT APPROVAL OF THE GRADING INSPECTOR.
9. A SEPARATE OFFICER, ACCESS EASEMENT/AGREEMENT, AND/OR RECIPROCAL ACCESS EASEMENT/AGREEMENT MAY BE REQUIRED TO ENSURE THAT THE PROPOSED PRIVATE ACCESS ROADWAY WILL REMAIN OPEN TO THROUGH TRAFFIC AND EMERGENCY VEHICLES PRIOR TO FINAL OF BUILDING PERMIT.
10. SHOP WELDS MUST BE PERFORMED BY A LICENSED FABRICATOR'S SHOP.
11. OSHA PERMITS REQUIRED FOR VERTICAL CUTS 5' OR GREATER.

SYMBOLS



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. # 03-125575
PROJECT TRACKING #: 68809-91

rrm design group
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LICENSED ARCHITECT
JONATHAN HANKS
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

GENERAL INFORMATION

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: G-002

DSA SUBMITTAL

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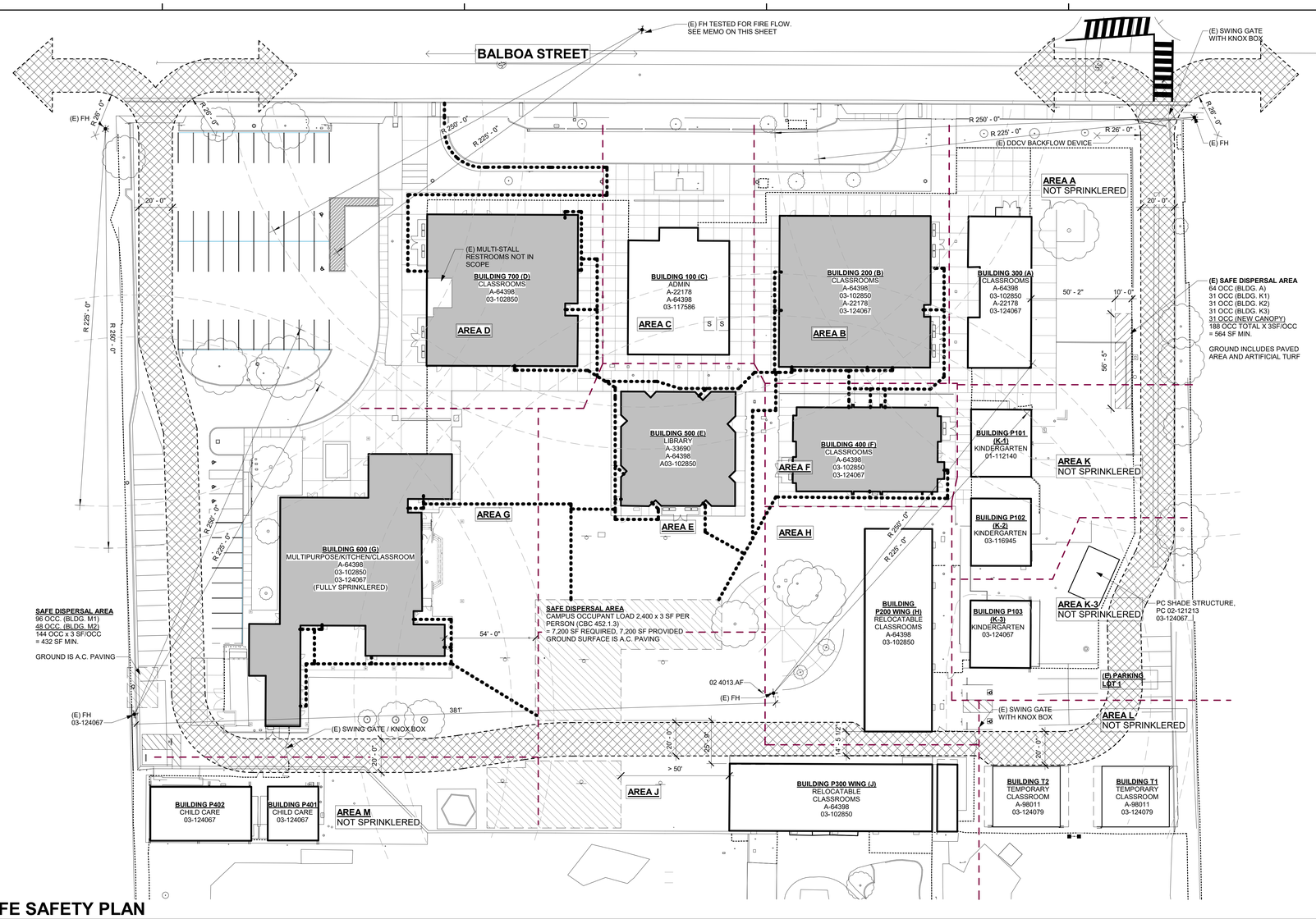

1 FIRE & LIFE SAFETY PLAN

G-401 SCALE: 1" = 30'-0"

CAMPUS CODE ANALYSIS

BUILDING NAME	OCC	CONS. TYPE	S OR NS	BASIC ALLOWABLE AREA	FRONTAGE INCREASE	TOTAL ALLOWABLE BUILDING AREA	BUILDING AREA (ACTUAL)	AREA UNDER HORIZONTAL ROOF...	FIRE AREA	OCCUPANT LOAD	FIRE FLOW (MIN)	NO. OF HYDRANTS (MIN.)	AVG. SPACING	MAX. DISTANCE
AREA A (EXISTING, NO WORK)														
BUILDING 300	E	VB	NS	9,500 SF	N/A	9,500 SF	3,196 SF	942 SF	4,138 SF	110	1,750GPM X 2HR	1	500'	250'
AREA B (MODERNIZATION, NO BUILDING AREA CHANGE)														
BUILDING 200	E	VB	NS	9,500 SF	N/A	9,500 SF	8,126 SF	1,090 SF	9,216 SF	336	2,500GPM X 2HR	3	450'	225'
AREA C (EXISTING, NO WORK)														
BUILDING 100	E	VB	NS	9,500 SF	N/A	9,500 SF	4,224 SF	2,295 SF	6,519 SF	149	2,250GPM X 2HR	2	450'	225'
AREA D (MODERNIZATION, NO BUILDING AREA CHANGE)														
BUILDING 700	E	VB	NS	9,500 SF	N/A	9,500 SF	8,060 SF	1,158 SF	9,128 SF	287	2,500GPM X 2HR	3	450'	225'
AREA E (MODERNIZATION, NO BUILDING AREA CHANGE)														
E OCCUPANCY	E	VB	NS	9,500 SF	N/A									
A-3 OCCUPANCY	A-3	VB	NS	6,000 SF	N/A									
			NON-SEPARATED, A-3 GOVERNS		N/A	6,000 SF	4,544 SF (TOTAL ACTUAL)	1,269 SF	5,813 SF	112	2,000GPM X 2HR	2	450'	225'
AREA F (MODERNIZATION, NO BUILDING AREA CHANGE)														
BUILDING 400	E	VB	S	38,000 SF	N/A	38,000 SF	4,359 SF	1,604 SF	5,963 SF	180	1,000GPM X 1HR	1	500'	250'
AREA G (MODERNIZATION, NO BUILDING AREA CHANGE)														
A-2 OCCUPANCY	A-2	VB	S	24,000 SF	N/A									
A-4 OCCUPANCY	A-3	VB	S	24,000 SF	N/A									
E OCCUPANCY	E	VB	S	38,000 SF	N/A									
			NON-SEPARATED, A-2/A-4 GOVERNS		N/A	24,000 SF	10,093 SF (TOTAL ACTUAL)	7,071 SF	17,164 SF	1158	1,750GPM X 2HR	1	500'	250'
AREA H (EXISTING, NO WORK)														
BUILDING P200	E	VB	NS	9,500 SF	N/A	9,500 SF	4,800 SF	840 SF	5,640 SF	245	2,000GPM X 2HR	2	450'	225'
AREA J (EXISTING, NO WORK)														
BUILDING P300	E	VB	NS	9,500 SF	N/A	9,500 SF	4,800 SF	840 SF	5,640 SF	245	2,000 GPM X 2HR	2	450'	225'
AREA K (EXISTING, NO WORK)														
BUILDING P101	E	VB	NS	9,500 SF	N/A		1,440 SF	413 SF						
BUILDING P102	E	VB	NS	9,500 SF	N/A		1,440 SF	413 SF						
						9,500 SF	2,880 SF (TOTAL ACTUAL)	826 SF	3,706 SF	124	1,750GPM X 2HR	1	500'	250'
AREA K3 (EXISTING, NO WORK)														
BUILDING P103	E	VB	NS	9,500 SF	N/A		1,440 SF	413 SF						
SHADE STRUCTURE	E	VB	NS	9,500 SF	N/A		-	600 SF						
						9,500 SF	1,440 SF (TOTAL ACTUAL)	1,013 SF	2,453 SF	91	1,500GPM X 2HR	1	500'	250'
AREA L (EXISTING, NO WORK)														
BUILDING T2	E	VB	NS	9,500 SF	N/A		1,440 SF	270 SF						
BUILDING T1	E	VB	NS	9,500 SF	N/A		1,440 SF	270 SF						
						9,500 SF	2,880 SF (TOTAL ACTUAL)	540 SF	3,420 SF	144	1,500GPM X 2HR	1	500'	250'
AREA M (EXISTING, NO WORK)														
BUILDING P401	E	VB	NS	9,500 SF	N/A		960 SF	343 SF						
BUILDING P402	E	VB	NS	9,500 SF	N/A		1,920 SF	569 SF						
						9,500 SF	2,880 SF (TOTAL ACTUAL)	912 SF	3,792 SF	144	1,750GPM X 2HR	1	500'	250'

FIRE FLOW & FH SPACING

SEE FIRE FLOW MEMO ON SHEET 401.1.
THE FIRE FLOW MEMO SUMMARIZES ALTERNATIVE DESIGNS. THE SELECTED DESIGN IS INDICATED ON THE MEMO, AND IS INCORPORATED IN PREVIOUS PROJECT 03-124068

LEGEND

- BUILDING OR PORTION OF BUILDING - EXISTING TO BE MODERNIZED
- BUILDING EXISTING TO REMAIN
- (E) FIRE APPARATUS ACCESS ROAD PER 03-117586
- SAFE DISPERSAL AREA (CBC 452.1.3)
- FIRE AREA SEPARATION BOUNDARY (IMAGINARY PROPERTY LINE)
- ACCESSIBLE EXIT PATH OF TRAVEL
- ACCESS ROUTE FROM FIRE APPARATUS ACCESS RD TO REMOTE AREA OF EXTERIOR WALL
- FIRE HYDRANT

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings.*

PROJECT INFORMATION	
School District/Owner:	SAN LUIS COASTAL UNIFIED SCHOOL DISTRICT
Project Name/School:	CL SMITH ELEMENTARY SCHOOL - PHASE 2
Project Address:	1375 BALBOA STREET, SAN LUIS OBISPO, CA 93405

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☑		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☑		No ☐
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: Fire Hazard Severity Zones in State Responsibility Area	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☑

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.				
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.	✓			
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			✓	
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			✓	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			✓	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: Chris Bonin Title: Director Facilities

Signature: _____ Date: 08/27/25

LOCAL FIRE AUTHORITY (LFA) INFORMATION			
LFA Agency Name:	City of San Luis Obispo Fire Department		
LFA Review Official:	Julianna Hutchinson		
Title:	Fire Inspector II	Work Phone:	(805) 783-7805
Work Email:	jhutchin@slocity.org		

LFA Reviewer's Signature: _____ Date: 08/26/25

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APP: 03-125575 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
FIRE LIFE SAFETY SITE PLAN

NO.	REVISION	DATE

PROJECT MANAGER JH
DRAWN BY DP, SD, AS | **CHECKED BY** JH/PC/AW
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET G-401

DSA SUBMITTAL

3/2/2026 1:32:44 PM
Autodesk Docs://0100-06 CL Smith Elementary Modernization/0100-06 SITE.rvt

MEMORANDUM

CL Smith Elementary
c/o RRM

Date: July 28, 2025

To: Jon Houck
RRM

From: Kari Wagner, PE
Travis Vazquez, PE

Subject: City of SLO Water Model Results for CL Smith Elementary

Wallace Group was requested by Jon Houck of RRM to provide updated fire flow data for two proposed fire hydrants located at CL Smith Elementary School on Balboa Street. This analysis is a follow-up to the original fire flow memo provided by Wallace Group dated February 29, 2024. To obtain the requested data, Wallace Group used the hydraulic water model developed for the preparation of the December 2015 Final Water Master Plan (WMP). The model was updated and calibrated in October 2022.

Estimated losses were added to the model for the backflow prevention device and on-site water mains to the fire hydrants. Manufacturer data was utilized from a typical reduced pressure principle backflow prevention device to incorporate head-loss curves into the model. The following information is reflective of the water pressures and flows available at CL Smith Elementary:

Water Distribution System Information

Pressure Zone	Edna Saddle
Water Supply	Edna Saddle Tank Madonna/Higuera PRV
Tank Elevation during Average Day Demand (ADD)	345'
Tank Elevation during Maximum Day Demand (MDD)	339'
Madonna/Higuera PRV HGL	340'
Development Elevation	132'
Water Main Diameter in Balboa St	8-inch
Water Main Material in Balboa St	AC
Required Fire Flow (FF) per RRM	2,500 gpm

Note: required FF is without fire sprinklers, Fire Marshall has final say on required FF.

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WALLACE GROUP
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612 CLARION CT
SAN LUIS OBISPO
CALIFORNIA 93401
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Figure 1 shows the proposed hydrant layout provided by RRM.

Figure 1. Proposed hydrant layout, provided by RRM.

Water Model Results

The assumed hydraulic parameters incorporated in the analysis are summarized in Table 1.

Table 1. Water modeling assumptions

Assumed Pipe Material	PVC
Hazen Williams C Factor	140
Required Fire Flow	1,250 gpm simultaneously out of each hydrant

Figure 2 displays the assumed elevation at each junction.

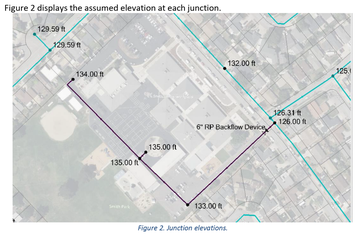

Figure 2. Junction elevations.

The analysis was first run assuming 6" pipe with a 6" backflow prevention device. As shown in Figure 3, the 6" mains are not able to provide the needed fire flow – the negative pressures at the junctions mean that the 1,250 gpm out of each hydrant is not physically possible. A significant portion of these losses is through the 6" backflow prevention device as these devices are not designed to handle 2,500 gpm.

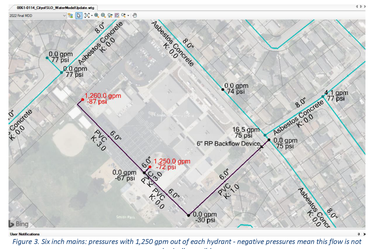

Figure 3. Six inch mains: pressures with 1,250 gpm out of each hydrant - negative pressures mean this flow is not physically possible.

Figure 4 shows the available fire flow out of each junction while maintaining a residual pressure of 20 psi. These results are assuming only one fire flow at a time.

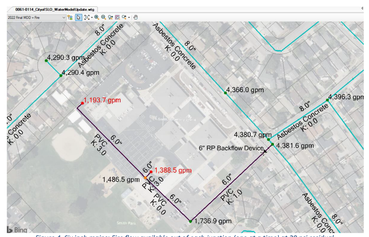

Figure 4. Six inch mains: Fire flow available out of each junction (one at a time) at 20 psi residual.

The analysis was repeated with 8" mains and an 8" backflow prevention device rather than 6", see Figures 5 and 6. **The model shows that the 8" mains are sufficient to supply 1,250 gpm out of each hydrant, 2,500 gpm total, while maintaining 20 psi residual.**

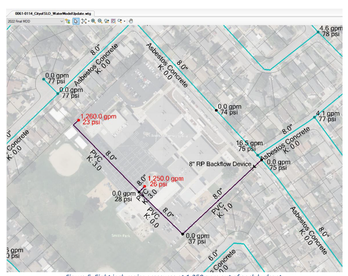

Figure 5. Eight inch main: pressures at 1,250 gpm out of each hydrant.

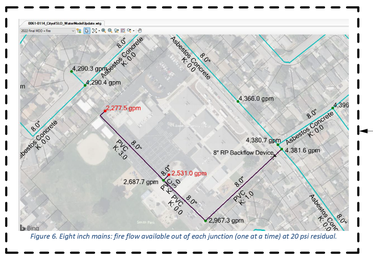

Figure 6. Eight inch mains: fire flow available out of each junction (one at a time) at 20 psi residual.

SELECTED DESIGN INSTALLED UNDER PREVIOUS PROJECT 03-124068

Velocities

With a flow of 2,500 gpm, velocity in the 8" pipe is 16 ft/sec. At this high of a velocity, water hammer is a concern, and it may be advisable to upsize the main upstream of the first hydrant to 10". Proper restraint must be incorporated into the design.

Please let me know if you have any questions regarding the data provided. You can contact me at (805) 544-4011. Thank you.

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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

FIRE FLOW

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER
JH

DRAWN BY
DP, SD, AS

CHECKED BY
JH/PC/AW

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
G-401.1

DSA SUBMITTAL

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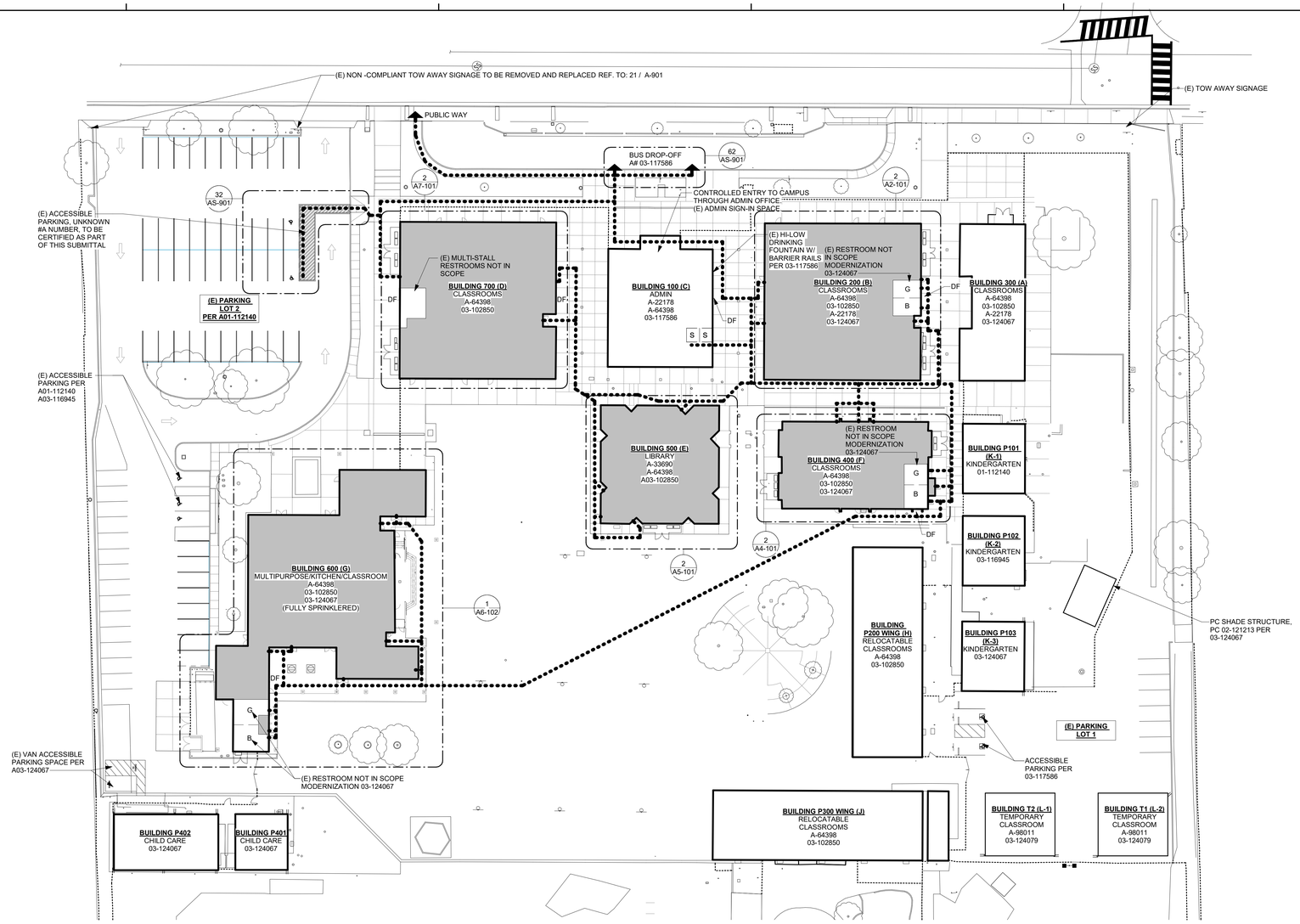

1 ACCESS COMPLIANCE AND OVERALL CAMPUS PLAN

G-402 SCALE: 1" = 30'-0"

SITE PLAN NOTES

1. REFER TO CIVIL, LANDSCAPE, AND ELECTRICAL SITE PLAN FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO PERFORM TRADE COORDINATION AND LAY OUT CANOPY AND FENCE FOOTINGS HORIZONTALLY AND VERTICALLY AND IN CONJUNCTION WITH PROPOSED UNDERGROUND UTILITIES. NOTIFY ARCHITECT OF POTENTIAL CONFLICT PRIOR TO INSTALLATION.

RESPONSIBLE CHARGE

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:
THE PATH OF TRAVEL IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS, AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS, OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS, OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED ON THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON THE PLAN IS A BARRIER-FREE ACCESS ROUTE

FLOOR OR GROUND SURFACE *(CBC 11B-302.1)*
SURFACE IS STABLE, FIRM, AND SLIP RESISTANT.

SLOPE *(CBC 11B-403.3)*
THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2%). THE RUNNING SLOPE OF SIDEWLAKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY.

CHANGES IN LEVEL *(CBC 11B-403.3)*
- CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. *(CBC 11B-303.2)*
- CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. *(CBC 11B-303.3)*

CLEARANCES *(CBC 11B-403.5.1)*
THE CLEAR WIDTH SHALL BE 36" MINIMUM
1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM. *(EXCEPTION 1)*
2. THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44" MINIMUM. *(EXCEPTION 2)*
3. THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48" MINIMUM *(EXCEPTION 3)*
4. THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO TOILET COMPARTMENTS SHALL BE 44" *(EXCEPTION 4)*

PROTRUDING OBJECTS *(CBC 11B-307)*
- ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM *(CBC 11B-307.4)*
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4" MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH *(CBC 11B-307.2)*

PARKING

(E) PARKING LOT 1
TOTAL NUMBER OF PARKING SPACES 14

	REQUIRED	EXISTING
NUMBER OF ACCESSIBLE SPACES *TABLE 11B-208.2*	1	2
NUMBER OF VAN SPACES *11B-208.2.4*	1	1

(E) PARKING LOT 2
TOTAL NUMBER OF PARKING SPACES 67

	REQUIRED	EXISTING
NUMBER OF ACCESSIBLE SPACES *TABLE 11B-208.2*	3	5
NUMBER OF VAN SPACES *11B-208.2.4*	1	3

LEGEND

- MODERNIZATION
- EXISTING BUILDING NOT IN SCOPE
- PATH OF TRAVEL
- B (E) ACCESSIBLE BOY'S RESTROOM (NOT IN SCOPE)
- G (E) ACCESSIBLE GIRLS'S RESTROOM (NOT IN SCOPE)
- U (E) ACCESSIBLE UNISEX RESTROOM (NOT IN SCOPE)
- S (E) ACCESSIBLE STAFF UNISEX RESTROOM (NOT IN SCOPE)
- EXISTING FENCE LINE
- (E) ADA STRIPING (NOT IN SCOPE)
- DF DRINKING FOUNTAIN

CERTIFICATION HISTORY

CAMPUS BUILDINGS

BLDG	DESCRIPTION	DSA #	CERT.	DATE
300(A)	CLASSROOM	A-22178 PRE-TRACKER (PLACED)	PRE-TRACKER	1962
		A-64398 PRE-TRACKER (ALTERATION)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	2000
		03-124067 (ALTERATION)	IN PROGRESS	-
200(B)	CLASSROOM	A-22178 PRE-TRACKER (PLACED)	PRE-TRACKER	1962
		A-64398 PRE-TRACKER (ALTERATION)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	2000
		03-124067 (ALTERATION)	IN PROGRESS	
100(C)	OFFICE	A-22178 PRE-TRACKER (PLACED)	PRE-TRACKER	1962
		A-64398 PRE-TRACKER (ALTERATION)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	2000
		03-117586 (ADDITION / ALTERATION)	#1 CERTIFIED	2016
700(D)	CLASSROOM	A-24416 PRE-TRACKER (PLACED)	PRE-TRACKER	1964
		A-64398 PRE-TRACKER (ALTERATION)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	2000
		CURRENT (ALTERATION)		
500(E)	LIBRARY	A-33690 PRE-TRACKER (PLACED)	PRE-TRACKER	1970
		A-64398 PRE-TRACKER (ALTERATION)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	
400(F)	CLASSROOM	A-64398 PRE-TRACKER (PLACED)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	2000
		03-124067 (ALTERATION)	IN PROGRESS	
600(G)	MPR / KIT / CR	A-64398 PRE-TRACKER (PLACED)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	2000
		03-124067 (ALTERATION)	IN PROGRESS	
P200(H)	CLASSROOM	A-64398 PRE-TRACKER (PLACED)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	2000
P300(J)	CLASSROOM	A-64398 PRE-TRACKER (PLACED)	PRE-TRACKER	1996
		03-102850 (ALTERATION)	#1 CERTIFIED	2000
P101(K-1)	CLASSROOM	01-112140 (PLACED)	#1 CERTIFIED	2011
P102(K-2)	CLASSROOM	03-116945 (PLACED)	#1 CERTIFIED	2016
P103(K-3)	CLASSROOM	03-124067 (PLACED)	IN PROGRESS	-
T2(L-1)	TEMP RELOCATBLE CLASSROOM	03-124079 (PLACED)	IN PROGRESS	-
T1(L-2)	TEMP RELOCATABLE CLASSROOM	03-124079 (PLACED)	IN PROGRESS	-
P401(M-1)	CHILDCARE	03-124067 (PLACED)	IN PROGRESS	-
P402(M-2)	CHILDCARE	03-124067 (PLACED)	IN PROGRESS	-

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SS ☑ FLS ☑ ACS ☑
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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
ACCESS COMPLIANCE AND OVERALL CAMPUS PLAN

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: G-402

DSA SUBMITTAL

3/2/2026 1:32:46 PM
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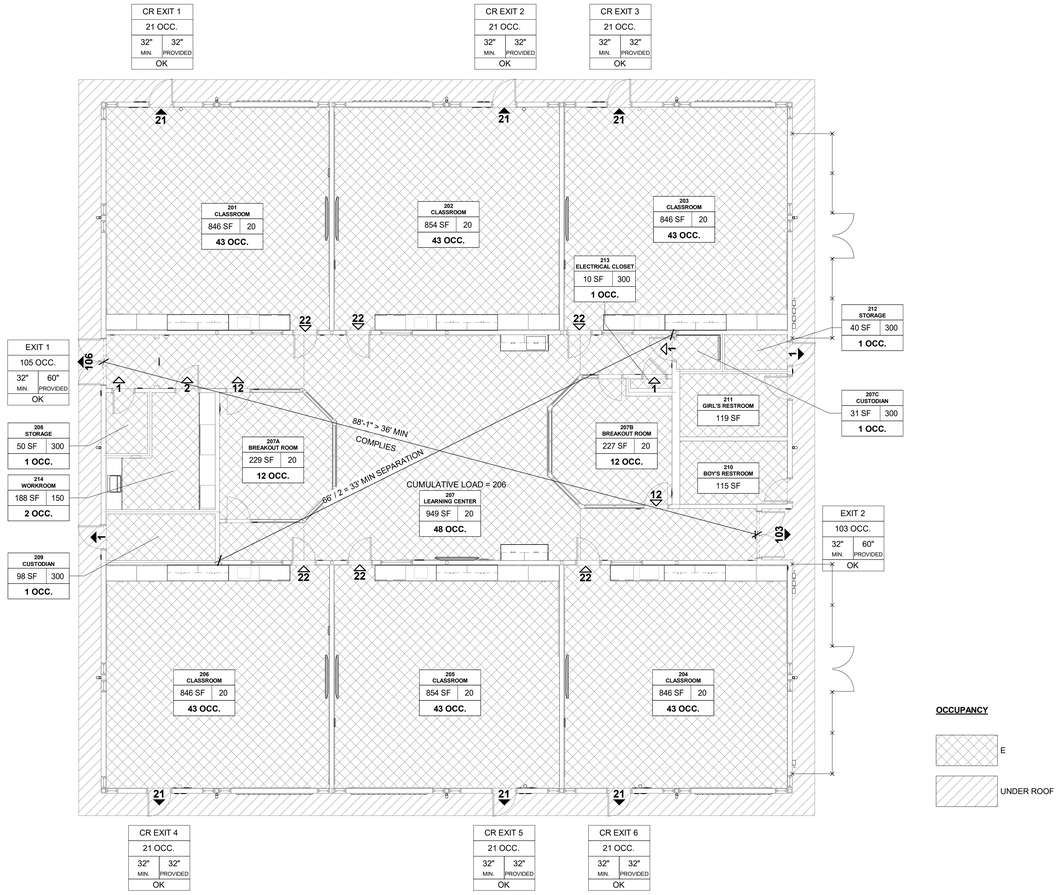

PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON THE PLAN IS A BARRIER-FREE ACCESS ROUTE

FLOOR OR GROUND SURFACE *(CBC 11B-302.1)*
SURFACE IS STABLE, FIRM, AND SLIP RESISTANT.

SLOPE *(CBC 11B-403.3)*
THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2%). THE RUNNING SLOPE OF SIDEWLAKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY.

CHANGES IN LEVEL *(CBC 11B-403.3)*
- CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. *(CBC 11B-303.2)*
- CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. *(CBC 11B-303.3)*

CLEARANCES *(CBC 11B-403.5.1)*
THE CLEAR WIDTH SHALL BE 36" MINIMUM
1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM. *(EXCEPTION 1)*
2. THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44" MINIMUM. *(EXCEPTION 2)*
3. THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48" MINIMUM *(EXCEPTION 3)*
4. THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO TOILET COMPARTMENTS SHALL BE 44" *(EXCEPTION 4)*

PROTRUDING OBJECTS *(CBC 11B-307)*
- ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM *(CBC 11B-307.4)*
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4" MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH *(CBC 11B-307.2)*

ASSISTED LISTENING DEVICES

11B-219

NO.	SPACE NAME	DESIGNED AREA	OLF	OCC. LOAD OF SPACE	REQUIRED RECEIVERS
201	CLASSROOM	846 SF	20	43	2
202	CLASSROOM	854 SF	20	43	2
203	CLASSROOM	846 SF	20	43	2
204	CLASSROOM	846 SF	20	43	2
205	CLASSROOM	854 SF	20	43	2
206	CLASSROOM	846 SF	20	43	2
207	LEARNING CENTER	949 SF	20	48	2
207A	BREAKOUT ROOM	229 SF	20	12	0
207B	BREAKOUT ROOM	227 SF	20	12	0
		6,496 SF		330	14

REQUIRED IN ALL CLASSROOMS, MULTI-USE ROOMS, AND CONFERENCE ROOMS
SEE SIGNAGE FLOOR PLAN FOR SIGNAGE PLACEMENT

1. PROVIDE **14** RECEIVERS (4% OF OCCUPANT LOAD)
2. PROVIDE **4** HEARING-AID COMPATIBLE SYSTEMS (25% OF RECEIVERS)
3. SYSTEMS TO BE PORTABLE
4. DEVICES TO BE PROVIDED BY OWNER. CONTRACTOR TO PROVIDE ALL SIGNAGE

CODE ANALYSIS (CBC 2022)

USE AND OCCUPANCY CLASSIFICATION

CHAPTER 3

GROUP E	EDUCATION	CLASSROOMS, LEARNING CENTER, BREAKOUT AREAS

GENERAL HEIGHT AND AREA

CHAPTER 5

(E) BUILDING 200 (B)	8,126 SF
(E) OVERHANG	1,090 SF
(E) GROSS AREA	9,216 SF

CONSTRUCTION TYPE	VB (NO CHANGE)
SPRINKLERS	NS (NO CHANGE)
MIXED OCCUPANCY	FIRE SEPARATION NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES (CBC 508.3.3)
INCIDENTAL USES	STORAGE AREAS IN THIS PROJECT DO NOT QUALIFY AS INCIDENTAL USES (CBC 509)

BUILDING AREA
PER SECTION 506.3.1, MOST RESTRICTIVE OCCUPANCY GROUP PER STORY, TABLE 506.2

EXISTING	9,216 SF	NO CHANGE	COMPLIES
ALLOWED	9,500 SF		

BUILDING HEIGHT IN FEET
CBC 504.3

EXISTING	27'-6"	NO CHANGE	COMPLIES
ALLOWED	40-0"		

BUILDING HEIGHT IN STORIES
CBC 504.4

EXISTING	1	NO CHANGE	COMPLIES
ALLOWED	1		

TYPES OF CONSTRUCTION

CHAPTER 6

CONSTRUCTION TYPE	VB	
REQ. FIRE-RESISTANCE	0	PER TABLE 601

FIRE AND SMOKE PROTECTION FEATURES

CHAPTER 7

SEE FLS PLAN FOR FIRE SEPARATION DISTANCES
NO RATINGS REQUIRED (TABLE 705.5)

FIRE PROTECTION SYSTEMS

CHAPTER 9

SPRINKLERS	NS	BUILDING NOT EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM
FIRE EXTINGUISHERS	2A:10B:C	
FIRE ALARM	YES	SEE ELECTRICAL

MEANS OF EGRESS

CHAPTER 10

OCCUPANT LOAD
TABLE 1004.5
SEE SCHEDULE

MEANS OF EGRESS SIZING
1005.3.2

DOORS	0.2"/OCC	32" MIN.	1010.1.1
CORRIDORS	0.2"/OCC	44" MIN.	TABLE 1020.3

NUMBER OF EXITS
1006.2.1, TABLE 1006.2.1
SEE OCCUPANT LOAD TABLE AND CODE PLAN

EXIT CONFIGURATION
1007.1.1

MAX DIAGONAL	SEE CODE PLAN
REQUIRED SEPARATION	1/2 DIAGONAL (1007.1.1)
PROPOSED SEPARATION	SEE CODE PLAN

EXIT ACCESS TRAVEL DISTANCE
TABLE 1017.2

MAX. TRAVEL DISTANCE	200 FT	E OCC. W/O SPRINKLER SYSTEM

COMMON PATH OF TRAVEL
TABLE 1006.2.1

MAXIMUM	75 FT	E OCC. W/O SPRINKLER SYSTEM

EXIT DISCHARGE
1028.5

ACCESS TO ROW OR SAFE DISPERSAL	SEE FLS PLANS

EGRESS

CBC TABLE 1004.5, 1006.2.1, & 1006.3.2

MORE THAN ONE EXIT MUST BE PROVIDED IF THE SPACE OCCUPANT LOAD OR MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE ARE EXCEEDED. MORE EXITS MAY BE REQUIRED UNDER HIGH OCCUPANT LOAD OR OTHER SPECIAL CONDITIONS.
**USABLE AREA IS TO FINISH SURFACE OF A SPACE*

OCCUPANCY GROUP	NO.	SPACE NAME	FUNCTION OF SPACE	DESIGNED AREA USABLE*	NET/ GROSS	OLF	OCC. LOAD OF SPACE	EXITING: MAXIMUM OCCUPANT LOAD OF SPACE	EXITING: MIN. NUMBER OF EXITS PER SPACE
E	201	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	846 SF	NET	20	43	49	1
E	202	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	854 SF	NET	20	43	49	1
E	203	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	846 SF	NET	20	43	49	1
E	204	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	846 SF	NET	20	43	49	1
E	205	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	854 SF	NET	20	43	49	1
E	206	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	846 SF	NET	20	43	49	1
E	207	LEARNING CENTER	EDUCATIONAL: CLASSROOM AREA	949 SF	NET	20	48	49	1
E	207A	BREAKOUT ROOM	EDUCATIONAL: CLASSROOM AREA	229 SF	NET	20	12	49	1
E	207B	BREAKOUT ROOM	EDUCATIONAL: CLASSROOM AREA	227 SF	NET	20	12	49	1
				6,496 SF			330		
E	214	WORKROOM	BUSINESS AREAS	188 SF	GROSS	150	2	49	1
				188 SF			2		
E	207C	CUSTODIAN	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	31 SF	GROSS	300	1	49	1
E	208	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	50 SF	GROSS	300	1	49	1
E	209	CUSTODIAN	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	98 SF	GROSS	300	1	49	1
E	212	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	40 SF	GROSS	300	1	49	1
E	213	ELECTRICAL CLOSET	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	10 SF	GROSS	300	1	49	1
				230 SF			5 **		
E	210	BOY'S RESTROOM	(none)	115 SF				49	
E	211	GIRL'S RESTROOM	(none)	119 SF				49	
				235 SF			0		
				7,149 SF			337		

LEGEND

OCCUPANCY

- # / NAME — ROOM NUMBER & NAME
- XXX SF | XX — ROOM AREA / OCCUPANT LOAD
- XX OCC. — NUMBER OF OCCUPANTS EXITING SPACE
- 0 ◇ — OCCUPANTS EXITING SPACE
- 0 ◇ — OCCUPANT LOAD AT EXIT

EGRESS

- EGRESS PATH
- 250 — EGRESS DISTANCE.
- EXIT X — EXIT IDENTIFICATION
- 0 OCC. — TOTAL OCCUPANTS CALCULATED
- 32" MIN. | 32" PROVIDED — MIN. EXIT WIDTH CALCULATED / EXIT WIDTH PROVIDED
- OK — COMPLIANCE
- ILLUMINATED EXIT SIGN, ARROW INDICATES DIRECTIONAL CHEVRON REFER TO INTERIOR ELEVATIONS AND RCP FOR MOUNTING LOCATION

FIRE SAFETY

- #EC — FIRE EXTINGUISHER & RECESSED CABINET 2A:10B:C RATING

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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LICENSED ARCHITECT
JONATHAN HOWES
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
CODE ANALYSIS-BUILDING 200(B)

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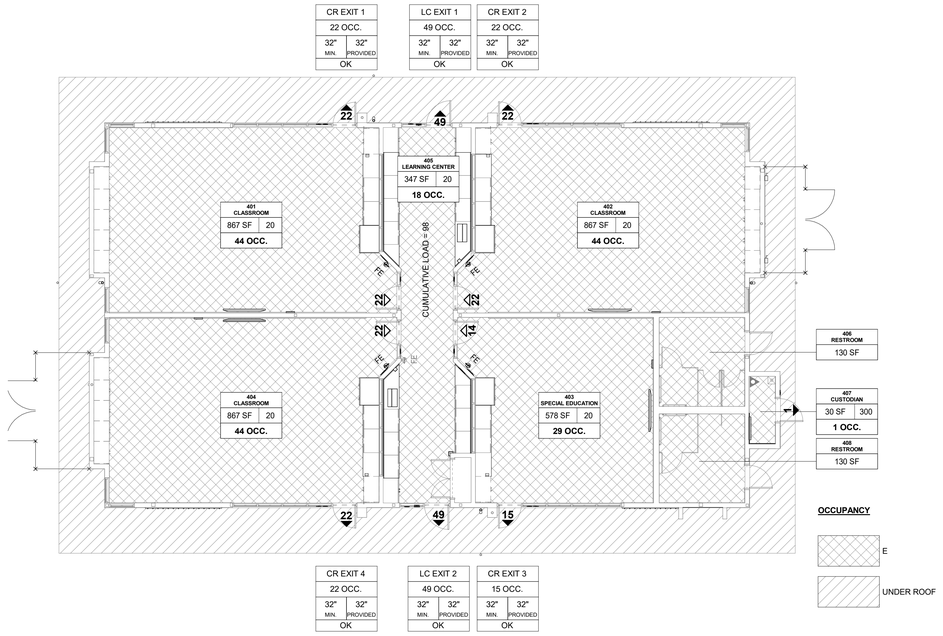

PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON THE PLAN IS A BARRIER-FREE ACCESS ROUTE

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SURFACE IS STABLE, FIRM, AND SLIP RESISTANT.

SLOPE *(CBC 11B-403.3)*
THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2%). THE RUNNING SLOPE OF SIDEWLAKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY.

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- CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. *(CBC 11B-303.2)*
- CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. *(CBC 11B-303.3)*

CLEARANCES *(CBC 11B-403.5.1)*
THE CLEAR WIDTH SHALL BE 36" MINIMUM
1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM. *(EXCEPTION 1)*
2. THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44" MINIMUM. *(EXCEPTION 2)*
3. THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48" MINIMUM *(EXCEPTION 3)*
4. THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO TOILET COMPARTMENTS SHALL BE 44" *(EXCEPTION 4)*

PROTRUDING OBJECTS *(CBC 11B-307)*
- ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM *(CBC 11B-307.4)*
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4" MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH *(CBC 11B-307.2)*

ASSISTED LISTENING DEVICES

11B-219

NO.	SPACE NAME	DESIGNED AREA	OLF	OCC. LOAD OF SPACE	REQUIRED RECEIVERS
401	CLASSROOM	867 SF	20	44	2
402	CLASSROOM	867 SF	20	44	2
403	SPECIAL EDUCATION	578 SF	20	29	1
404	CLASSROOM	867 SF	20	44	2
405	LEARNING CENTER	347 SF	20	18	1
		3,526 SF		179	8

REQUIRED IN ALL CLASSROOMS, MULTI-USE ROOMS, AND CONFERENCE ROOMS SEE SIGNAGE FLOOR PLAN FOR SIGNAGE PLACEMENT

1. PROVIDE **8** RECEIVERS (4% OF OCCUPANT LOAD)
2. PROVIDE **2** HEARING-AID COMPATIBLE SYSTEMS (25% OF RECEIVERS)
3. SYSTEMS TO BE PORTABLE
4. DEVICES TO BE PROVIDED BY OWNER. CONTRACTOR TO PROVIDE ALL SIGNAGE

CODE ANALYSIS (CBC 2022)

USE AND OCCUPANCY CLASSIFICATION

CHAPTER 3

GROUP E EDUCATION CLASSROOMS, LEARNING CENTER

GENERAL HEIGHT AND AREA

CHAPTER 5

(E) BUILDING 400 (F)	4,359 SF
(E) OVERHANG	1,604 SF
(E) GROSS AREA	5,963 SF

CONSTRUCTION TYPE	VB (NO CHANGE)		
SPRINKLERS	NS (NO CHANGE)		
MIXED OCCUPANCY	FIRE SEPARATION NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES (CBC 508.3.3)		
INCIDENTAL USES	STORAGE AREAS IN THIS PROJECT DO NOT QUALIFY AS INCIDENTAL USES (CBC 509)		

BUILDING AREA
PER SECTION 508.3.1, MOST RESTRICTIVE OCCUPANCY GROUP PER STORY. TABLE 506.2

EXISTING	5,963 SF	NO CHANGE	COMPLIES
ALLOWED	9,500 SF		

BUILDING HEIGHT IN FEET
CBC 504.3

EXISTING	18'-4"	NO CHANGE	COMPLIES
ALLOWED	40-0"		

BUILDING HEIGHT IN STORIES
CBC 504.4

EXISTING	1	NO CHANGE	COMPLIES
ALLOWED	1		

TYPES OF CONSTRUCTION

CHAPTER 6

CONSTRUCTION TYPE	VB	
REQ. FIRE-RESISTANCE	0	PER TABLE 601

FIRE AND SMOKE PROTECTION FEATURES

CHAPTER 7

SEE FLS PLAN FOR FIRE SEPARATION DISTANCES
NO RATINGS REQUIRED (TABLE 705.5)

FIRE PROTECTION SYSTEMS

CHAPTER 9

SPRINKLERS	S	BUILDING EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEM
FIRE EXTINGUISHERS	2A:10B:C	
FIRE ALARM	YES	SEE ELECTRICAL

MEANS OF EGRESS

CHAPTER 10

OCCUPANT LOAD
TABLE 1004.5
SEE SCHEDULE

MEANS OF EGRESS SIZING
1005.3.2

DOORS	0.2"/OCC	32" MIN.	1010.1.1
CORRIDORS	0.2"/OCC	44" MIN.	TABLE 1020.3

NUMBER OF EXITS
1006.2.1, TABLE 1006.2.1
SEE OCCUPANT LOAD TABLE AND CODE PLAN

EXIT CONFIGURATION
1007.1.1

MAX DIAGONAL	SEE CODE PLAN
REQUIRED SEPARATION	1/2 DIAGONAL (1007.1.1)
PROPOSED SEPARATION	SEE CODE PLAN

EXIT ACCESS TRAVEL DISTANCE
TABLE 1017.2

MAX. TRAVEL DISTANCE	200 FT	E OCC. W/O SPRINKLER SYSTEM

COMMON PATH OF TRAVEL
TABLE 1006.2.1

MAXIMUM	75 FT	E OCC. W/O SPRINKLER SYSTEM

EXIT DISCHARGE
1028.5

ACCESS TO ROW OR SAFE DISPERSAL	SEE FLS PLANS

OCCUPANT LOADS

CBC TABLE 1004.5, 1006.2.1, & 1006.3.2

MORE THAN ONE EXIT MUST BE PROVIDED IF THE SPACE OCCUPANT LOAD OR MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE ARE EXCEEDED. MORE EXITS MAY BE REQUIRED UNDER HIGH OCCUPANT LOAD OR OTHER SPECIAL CONDITIONS.
**USABLE AREA IS TO FINISH SURFACE OF A SPACE*

OCCUPANCY GROUP	NO.	SPACE NAME	FUNCTION OF SPACE	DESIGNED AREA USABLE*	NET/ GROSS	OLF	OCC. LOAD OF SPACE	EXITING: MAXIMUM OCCUPANT LOAD OF SPACE	EXITING: MIN. NUMBER OF EXITS PER SPACE
E	401	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	867 SF	NET	20	44	49	1
E	402	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	867 SF	NET	20	44	49	1
E	403	SPECIAL EDUCATION	EDUCATIONAL: CLASSROOM AREA	578 SF	NET	20	29	49	1
E	404	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	867 SF	NET	20	44	49	1
E	405	LEARNING CENTER	EDUCATIONAL: CLASSROOM AREA	347 SF	NET	20	18	49	1
				3,526 SF			179		
E	407	CUSTODIAN	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	30 SF	GROSS	300	1		
				30 SF			1		
E	406	RESTROOM	(none)	130 SF					
E	408	RESTROOM	(none)	130 SF					
				260 SF			0		
				3,816 SF			180		

LEGEND

OCCUPANCY

# NAME	ROOM NUMBER & NAME
XXX SF XX	ROOM AREA, OCCUPANT LOAD
XX OCC.	NUMBER OF OCCUPANTS EXITING SPACE
0	OCCUPANTS EXITING SPACE
0	OCCUPANT LOAD AT EXIT

EGRESS

	EGRESS PATH
250	EGRESS DISTANCE.
EXIT X	EXIT IDENTIFICATION
0 OCC.	TOTAL OCCUPANTS CALCULATED
32" MIN. 32" PROVIDED	MIN. EXIT WIDTH CALCULATED, EXIT WIDTH PROVIDED
OK	COMPLIANCE
	ILLUMINATED EXIT SIGN, ARROW INDICATES DIRECTIONAL CHEVRON REFER TO INTERIOR ELEVATIONS AND RCP FOR MOUNTING LOCATION

FIRE SAFETY

FEC	FIRE EXTINGUISHER & RECESSED CABINET 2A:10B:C RATING

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CODE ANALYSIS-BUILDING 400(F)

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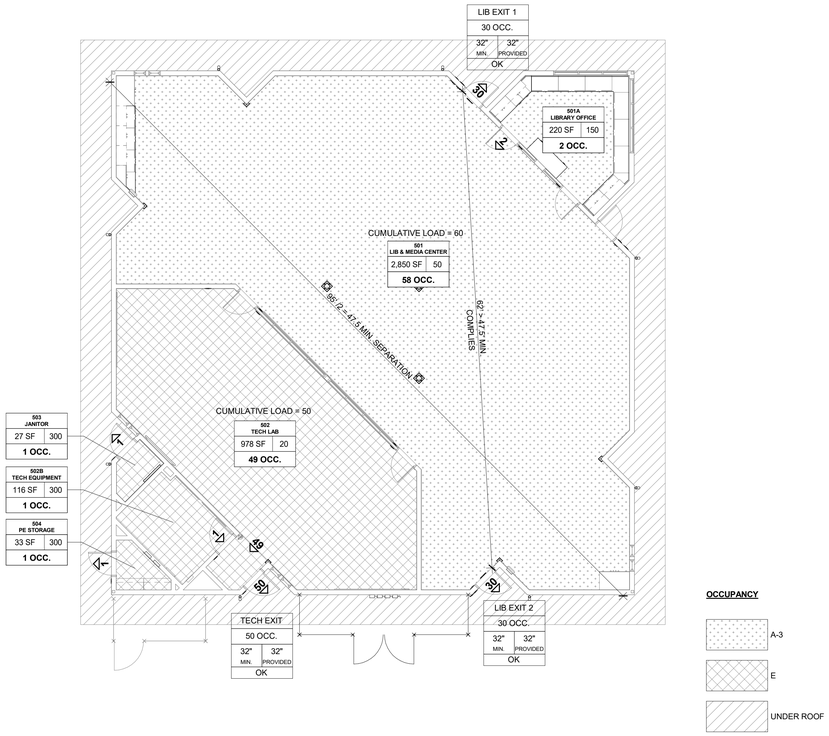

OCCUPANCY

- A-3
- E
- UNDER ROOF

PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON THE PLAN IS A BARRIER-FREE ACCESS ROUTE

FLOOR OR GROUND SURFACE *(CBC 11B-302.1)*
SURFACE IS STABLE, FIRM, AND SLIP RESISTANT.

SLOPE *(CBC 11B-403.3)*
THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2%). THE RUNNING SLOPE OF SIDEWLAKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY.

CHANGES IN LEVEL *(CBC 11B-403.3)*
- CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. *(CBC 11B-303.2)*
- CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. *(CBC 11B-303.3)*

CLEARANCES *(CBC 11B-403.5.1)*
THE CLEAR WIDTH SHALL BE 36" MINIMUM
1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM. *(EXCEPTION 1)*
2. THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44" MINIMUM. *(EXCEPTION 2)*
3. THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48" MINIMUM *(EXCEPTION 3)*
4. THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO TOILET COMPARTMENTS SHALL BE 44" *(EXCEPTION 4)*

PROTRUDING OBJECTS *(CBC 11B-307)*
- ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM *(CBC 11B-307.4)*
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4" MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH *(CBC 11B-307.2)*

ASSISTED LISTENING DEVICES

11B-219

NO.	SPACE NAME	DESIGNED AREA	OLF	OCC. LOAD OF SPACE	REQUIRED RECEIVERS
501	LIB & MEDIA CENTER	2,850 SF	50	58	2
502	TECH LAB	978 SF	20	49	2
		3,829 SF		107	4

REQUIRED IN ALL CLASSROOMS, MULTI-USE ROOMS, AND CONFERENCE ROOMS
SEE SIGNAGE FLOOR PLAN FOR SIGNAGE PLACEMENT

1. PROVIDE **2** RECEIVERS (4% OF OCCUPANT LOAD)
2. PROVIDE **1** HEARING-AID COMPATIBLE SYSTEMS (25% OF RECEIVERS)
3. SYSTEMS TO BE PORTABLE
4. DEVICES TO BE PROVIDED BY OWNER. CONTRACTOR TO PROVIDE ALL SIGNAGE

CODE ANALYSIS (CBC 2022)

USE AND OCCUPANCY CLASSIFICATION

CHAPTER 3

GROUP A-3	ASSEMBLY	LIBRARY, LIBRARY OFFICE
GROUP E	EDUCATION	TECH LAB, EQUIPMENT, STORAGE

GENERAL HEIGHT AND AREA

CHAPTER 5

(E) BUILDING 500	(E) 4,544 SF
(E) OVERHANG	1,269 SF
(E) GROSS AREA	5,813 SF

CONSTRUCTION TYPE	VB (NO CHANGE)
SPRINKLERS	NS (NO CHANGE)
MIXED OCCUPANCY	FIRE SEPARATION NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES (CBC 508.3.3)
INCIDENTAL USES	STORAGE AREAS IN THIS PROJECT DO NOT QUALIFY AS INCIDENTAL USES (CBC 509)

BUILDING AREA
PER SECTION 508.3.1, MOST RESTRICTIVE OCCUPANCY GROUP PER STORY. TABLE 506.2

EXISTING	5,813 SF	NO CHANGE	COMPLIES
ALLOWED	6,000 SF	A-3 GOVERNS	

BUILDING HEIGHT IN FEET
CBC 504.3

EXISTING	24'-8"	NO CHANGE	COMPLIES
ALLOWED	40-0"	A-3 GOVERNS	

BUILDING HEIGHT IN STORIES
CBC 504.4

EXISTING	1	NO CHANGE	COMPLIES
ALLOWED	1	E GOVERNS	

TYPES OF CONSTRUCTION

CHAPTER 6

CONSTRUCTION TYPE	VB	
REQ. FIRE-RESISTANCE	0	PER TABLE 601

FIRE AND SMOKE PROTECTION FEATURES

CHAPTER 7

SEE FLS PLAN FOR FIRE SEPARATION DISTANCES
NO RATINGS REQUIRED (TABLE 705.5)

FIRE PROTECTION SYSTEMS

CHAPTER 9

SPRINKLERS	NS	BUILDING NOT EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM
FIRE EXTINGUISHERS	2A:10B:C	
FIRE ALARM	YES	SEE ELECTRICAL

MEANS OF EGRESS

CHAPTER 10

OCCUPANT LOAD
TABLE 1004.5
SEE SCHEDULE

MEANS OF EGRESS SIZING
1005.3.2

DOORS	0.2"/OCC	32" MIN.	1010.1.1
CORRIDORS	0.2"/OCC	44" MIN.	TABLE 1020.3

NUMBER OF EXITS
1006.2.1, TABLE 1006.2.1
SEE OCCUPANT LOAD TABLE AND CODE PLAN

EXIT CONFIGURATION
1007.1.1

MAX DIAGONAL	SEE CODE PLAN
REQUIRED SEPARATION	1/2 DIAGONAL (1007.1.1)
PROPED SEPARATION	SEE CODE PLAN

EXIT ACCESS TRAVEL DISTANCE
TABLE 1017.2

MAX. TRAVEL DISTANCE	200 FT	E OCC. W/O SPRINKLER SYSTEM

COMMON PATH OF TRAVEL
TABLE 1006.2.1

MAXIMUM	75 FT	E OCC. W/O SPRINKLER SYSTEM

EXIT DISCHARGE
1028.5

ACCESS TO ROW OR SAFE DISPERSAL	SEE FLS PLANS

OCCUPANT LOADS

CBC TABLE 1004.5, 1006.2.1, & 1006.3.2
MORE THAN ONE EXIT MUST BE PROVIDED IF THE SPACE OCCUPANT LOAD OR MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE ARE EXCEEDED. MORE EXITS MAY BE REQUIRED UNDER HIGH OCCUPANT LOAD OR OTHER SPECIAL CONDITIONS.
**USABLE AREA IS TO FINISH SURFACE OF A SPACE*

OCCUPANCY GROUP	NO.	SPACE NAME	FUNCTION OF SPACE	DESIGNED AREA USABLE*	NET/ GROSS	OLF	OCC. LOAD OF SPACE	EXITING: MAXIMUM OCCUPANT LOAD OF SPACE	EXITING: MIN. NUMBER OF EXITS PER SPACE
E	502B	TECH EQUIPMENT	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	116 SF	GROSS	300	1	29	1
E	503	JANITOR	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	27 SF	GROSS	300	1	29	1
E	504	PE STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	33 SF	GROSS	300	1	29	1
E	502	TECH LAB	EDUCATIONAL: CLASSROOM AREA	978 SF	NET	20	49	49	2
				1,155 SF			52		1
A-3	501A	LIBRARY OFFICE	BUSINESS AREAS	220 SF	GROSS	150	2	49	1
A-3	501	LIB & MEDIA CENTER	LIBRARY: READING ROOMS	2,850 SF	NET	50	58	49	2
				3,071 SF			60		
				4,226 SF			112		

LEGEND

OCCUPANCY

- # / NAME — ROOM NUMBER & NAME
- XXX SF / XX — ROOM AREA / OCCUPANT LOAD
- XX OCC. — NUMBER OF OCCUPANTS EXITING SPACE
- 0 — OCCUPANTS EXITING SPACE
- 0 — OCCUPANT LOAD AT EXIT

EGRESS

- EGRESS PATH
- 250 — EGRESS DISTANCE.
- EXIT X — EXIT IDENTIFICATION
- 0 OCC. — TOTAL OCCUPANTS CALCULATED
- 32" MIN. / 32" PROVIDED — MIN. EXIT WIDTH CALCULATED / EXIT WIDTH PROVIDED
- OK — COMPLIANCE
- ILLUMINATED EXIT SIGN, ARROW INDICATES DIRECTIONAL CHEVRON REFER TO INTERIOR ELEVATIONS AND RCP FOR MOUNTING LOCATION

FIRE SAFETY

- FEC — FIRE EXTINGUISHER & RECESSED CABINET 2A:10B:C RATING

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REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
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NO.	REVISION	DATE
1		
2		
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4		
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6		

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JH
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CHECKED BY JH/PC/AW
DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
G5-403

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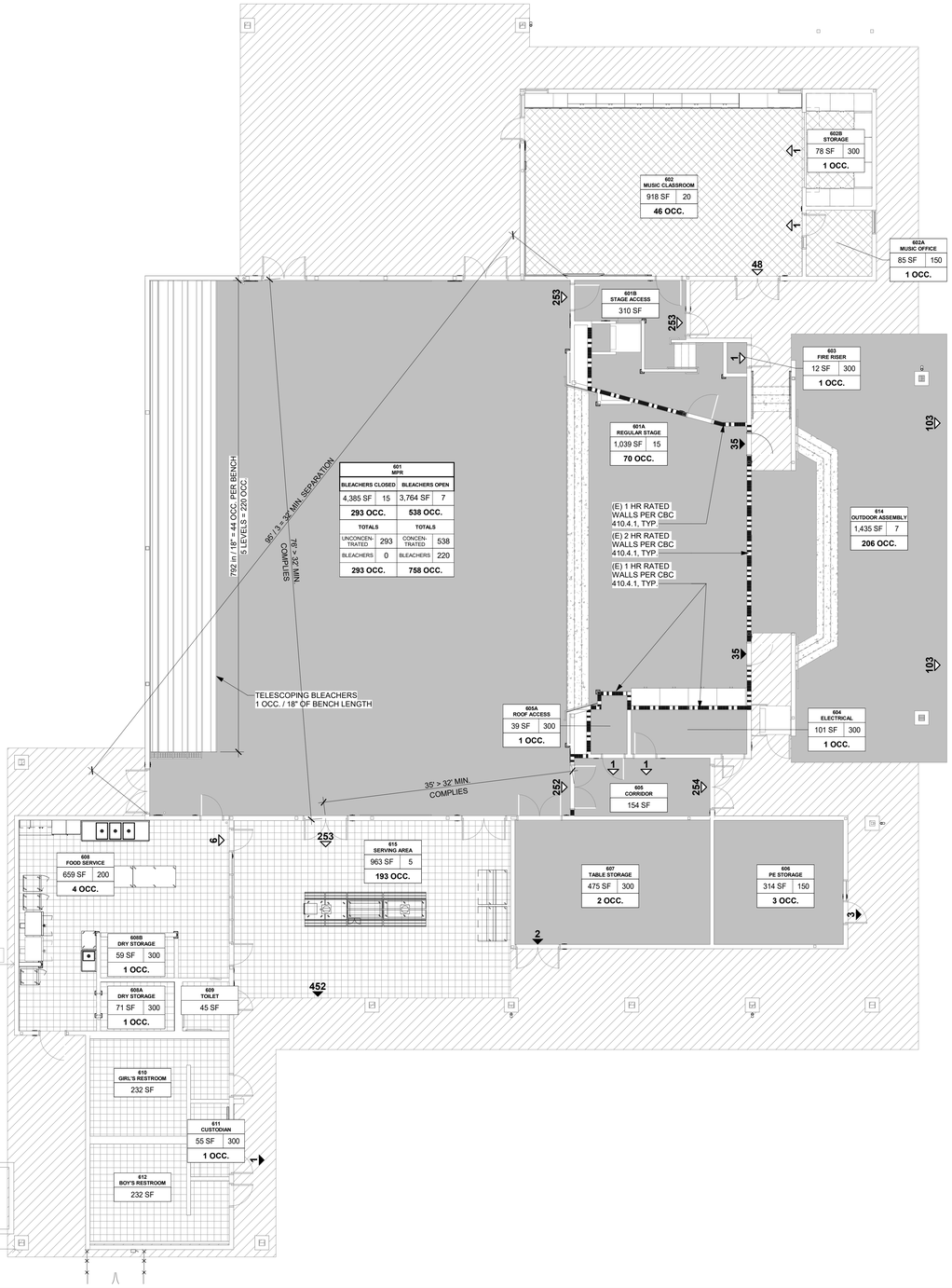

PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON THE PLAN IS A BARRIER-FREE ACCESS ROUTE

FLOOR OR GROUND SURFACE *(CBC 11B-302.1)*
SURFACE IS STABLE, FIRM, AND SLIP RESISTANT.

SLOPE *(CBC 11B-403.3)*
THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2%). THE RUNNING SLOPE OF SIDEWLAKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY.

CHANGES IN LEVEL *(CBC 11B-403.3)*
- CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. *(CBC 11B-303.2)*
- CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. *(CBC 11B-303.3)*

CLEARANCES *(CBC 11B-403.5.1)*
THE CLEAR WIDTH SHALL BE 36" MINIMUM
1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM. *(EXCEPTION 1)*
2. THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44" MINIMUM. *(EXCEPTION 2)*
3. THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48" MINIMUM *(EXCEPTION 3)*
4. THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO TOILET COMPARTMENTS SHALL BE 44" *(EXCEPTION 4)*

PROTRUDING OBJECTS *(CBC 11B-307)*
- ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM *(CBC 11B-307.4)*
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4" MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH *(CBC 11B-307.2)*

ASSISTED LISTENING DEVICES

11B-219

NO.	SPACE NAME	DESIGNED AREA	OLF	OCC. LOAD OF SPACE	REQUIRED RECEIVERS
601	MPR	4,385 SF	7	627	25
602	MUSIC CLASSROOM	918 SF	20	46	2
		5,303 SF		673	27

REQUIRED IN ALL CLASSROOMS, MULTI-USE ROOMS, AND CONFERENCE ROOMS
SEE SIGNAGE FLOOR PLAN FOR SIGNAGE PLACEMENT

1. PROVIDE **27** RECEIVERS (4% OF OCCUPANT LOAD)
2. PROVIDE **7** HEARING-AID COMPATIBLE SYSTEMS (25% OF RECEIVERS)
3. SYSTEMS TO BE PORTABLE
4. DEVICES TO BE PROVIDED BY OWNER. CONTRACTOR TO PROVIDE ALL SIGNAGE

CODE ANALYSIS (CBC 2022)

USE AND OCCUPANCY CLASSIFICATION

CHAPTER 3

GROUP A-4	ASSEMBLY	MULTI-PURPOSE ROOM W/ BLEACHERS, STAGE
GROUP A-2	ASSEMBLY	KITCHEN, FOOD SERVICE
GROUP E	EDUCATION	MUSIC CLASSROOM

GENERAL HEIGHT AND AREA

CHAPTER 5

(E) BUILDING 600 (G)	10,093 SF
(E) OVERHANG	7,071 SF
(E) GROSS AREA	17,164 SF

CONSTRUCTION TYPE	VB (NO CHANGE)		
SPRINKLERS	S (NO CHANGE)		
MIXED OCCUPANCY	FIRE SEPARATION NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES (CBC 508.3.3)		
INCIDENTAL USES	STORAGE AREAS IN THIS PROJECT DO NOT QUALIFY AS INCIDENTAL USES (CBC 509)		
BUILDING AREA *PER SECTION 508.3.1, MOST RESTRICTIVE OCCUPANCY GROUP PER STORY. TABLE 506.2*			
EXISTING	17,164 SF	NO CHANGE	COMPLIES
ALLOWED	24,000 SF	A-2/A-4 GOVERNS	
BUILDING HEIGHT IN FEET *CBC 504.3*			
EXISTING	26'-0"	NO CHANGE	COMPLIES
ALLOWED	40-0"	A-2/A-4 GOVERNS	
BUILDING HEIGHT IN STORIES *CBC 504.4*			
EXISTING	1	NO CHANGE	COMPLIES
ALLOWED	1	A-2/A-4 GOVERNS	

TYPES OF CONSTRUCTION

CHAPTER 6

CONSTRUCTION TYPE	VB	
REQ. FIRE-RESISTANCE	0	PER TABLE 601

FIRE AND SMOKE PROTECTION FEATURES

CHAPTER 7

SEE FLS PLAN FOR FIRE SEPARATION DISTANCES
NO RATINGS REQUIRED (TABLE 705.5)

FIRE PROTECTION SYSTEMS

CHAPTER 9

SPRINKLERS	S	BUILDING EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEM
FIRE EXTINGUISHERS	2A:10B:C	
FIRE ALARM	YES	SEE ELECTRICAL

MEANS OF EGRESS

CHAPTER 10

OCCUPANT LOAD *TABLE 1004.5*
SEE SCHEDULE

MEANS OF EGRESS SIZING *1005.3.2*

DOORS	0.2"/OCC	32" MIN.	1010.1.1
CORRIDORS	0.2"/OCC	44" MIN.	TABLE 1020.3

NUMBER OF EXITS *1006.2.1, TABLE 1006.2.1*
SEE OCCUPANT LOAD TABLE AND CODE PLAN

EXIT CONFIGURATION *1007.1.1*

MAX DIAGONAL	SEE CODE PLAN
REQUIRED SEPARATION	1/2 DIAGONAL (1007.1.1)
PROPOSED SEPARATION	SEE CODE PLAN

EXIT ACCESS TRAVEL DISTANCE *TABLE 1017.2*

MAX. TRAVEL DISTANCE	200 FT	E OCC. W/O SPRINKLER SYSTEM

COMMON PATH OF TRAVEL *TABLE 1006.2.1*

MAXIMUM	75 FT	E OCC. W/O SPRINKLER SYSTEM

EXIT DISCHARGE *1028.5*

ACCESS TO ROW OR SAFE DISPERSAL	SEE FLS PLANS

FIRE-RATED WALL LEGEND

(E) 1 HR RATED WALLS PER CBC 410.4.1

(E) 2 HR RATED WALLS PER CBC 410.4.1

LEGEND

OCCUPANCY

- # / NAME — ROOM NUMBER & NAME
- XXX SF | XX — ROOM AREA, OCCUPANT LOAD
- XX OCC. — NUMBER OF OCCUPANTS EXITING SPACE
- 0 — OCCUPANTS EXITING SPACE
- 0 — OCCUPANT LOAD AT EXIT

EGRESS

- EGRESS PATH
- 250 — EGRESS DISTANCE.
- EXIT X — EXIT IDENTIFICATION
- 0 OCC. — TOTAL OCCUPANTS CALCULATED
- 32" MIN. | 32" PROVIDED — MIN. EXIT WIDTH CALCULATED
- OK — EXIT WIDTH PROVIDED / COMPLIANCE
- ILLUMINATED EXIT SIGN, ARROW INDICATES DIRECTIONAL CHEVRON REFER TO INTERIOR ELEVATIONS AND RCP FOR MOUNTING LOCATION

FIRE SAFETY

- #EC — FIRE EXTINGUISHER & RECESSED CABINET 2A:10B:C RATING

OCCUPANT LOADS

CBC TABLE 1004.5, 1006.2.1, & 1006.3.2
MORE THAN ONE EXIT MUST BE PROVIDED IF THE SPACE OCCUPANT LOAD OR MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE ARE EXCEEDED. MORE EXITS MAY BE REQUIRED UNDER HIGH OCCUPANT LOAD OR OTHER SPECIAL CONDITIONS.
**USABLE AREA IS TO FINISH SURFACE OF A SPACE*

OCCUPANCY GROUP	NO.	SPACE NAME	FUNCTION OF SPACE	DESIGNED AREA USABLE*	NET/ GROSS	OLF	OCC. LOAD OF SPACE	EXITING: MAXIMUM OCCUPANT LOAD OF SPACE	EXITING: MIN. NUMBER OF EXITS PER SPACE
E	602	MUSIC CLASSROOM	EDUCATIONAL: CLASSROOM AREA	918 SF	NET	20	46	49	1
E	602A	MUSIC OFFICE	BUSINESS AREAS	85 SF	GROSS	150	1	49	1
E	602B	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	78 SF	GROSS	300	1	29	1
				1,081 SF			48		
A-4	601A	REGULAR STAGE	STAGES AND PLATFORMS	1,039 SF	NET	15	70	49	2
A-4	601	MPR	ASSEMBLY WITHOUT FIXED SEATS: CONCENTRATED (CHAIRS ONLY-NOT FIXED)	4,385 SF	NET	7	SEE PLAN	49	2
A-4	614	OUTDOOR ASSEMBLY	ASSEMBLY WITHOUT FIXED SEATS: CONCENTRATED (CHAIRS ONLY-NOT FIXED)	1,435 SF	NET	7	206	49	2
A-4	603	FIRE RISER	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	12 SF	GROSS	300	1	29	1
A-4	604	ELECTRICAL	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	101 SF	GROSS	300	1	49	1
A-4	605A	ROOF ACCESS	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	39 SF	GROSS	300	1	49	1
A-4	606	PE STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	314 SF	GROSS	300	2	49	1
A-4	607	TABLE STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	475 SF	GROSS	300	2	49	1
A-4	601B	STAGE ACCESS	(none)	310 SF					
A-4	605	CORRIDOR	(none)	154 SF					
				8,264 SF			910		

CBC TABLE 1004.5, 1006.2.1, & 1006.3.2
MORE THAN ONE EXIT MUST BE PROVIDED IF THE SPACE OCCUPANT LOAD OR MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE ARE EXCEEDED. MORE EXITS MAY BE REQUIRED UNDER HIGH OCCUPANT LOAD OR OTHER SPECIAL CONDITIONS.
**USABLE AREA IS TO FINISH SURFACE OF A SPACE*

OCCUPANCY GROUP	NO.	SPACE NAME	FUNCTION OF SPACE	DESIGNED AREA USABLE*	NET/ GROSS	OLF	OCC. LOAD OF SPACE	EXITING: MAXIMUM OCCUPANT LOAD OF SPACE	EXITING: MIN. NUMBER OF EXITS PER SPACE
A-2	608	FOOD SERVICE	KITCHEN: DINING AREAS (IR 10-2)	659 SF	GROSS	200	4	49	1
A-2	615	SERVING AREA	ASSEMBLY WITHOUT FIXED SEATS: STANDING SPACE	963 SF	NET	5	193	49	2
A-2	608A	DRY STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	71 SF	GROSS	300	1		
A-2	608B	DRY STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	59 SF	GROSS	300	1	49	1
A-2	611	CUSTODIAN	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	55 SF	GROSS	300	1	49	1
A-2	609	TOILET	(none)	45 SF					
A-2	610	GIRL'S RESTROOM	(none)	232 SF					
A-2	612	BOY'S RESTROOM	(none)	232 SF					
				2,317 SF			200		
				11,662 SF			1158		

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CODE ANALYSIS-BUILDING 600(G)

NO.	REVISION	DATE

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PROJECT NUMBER
0100-06-ED24
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G6-403

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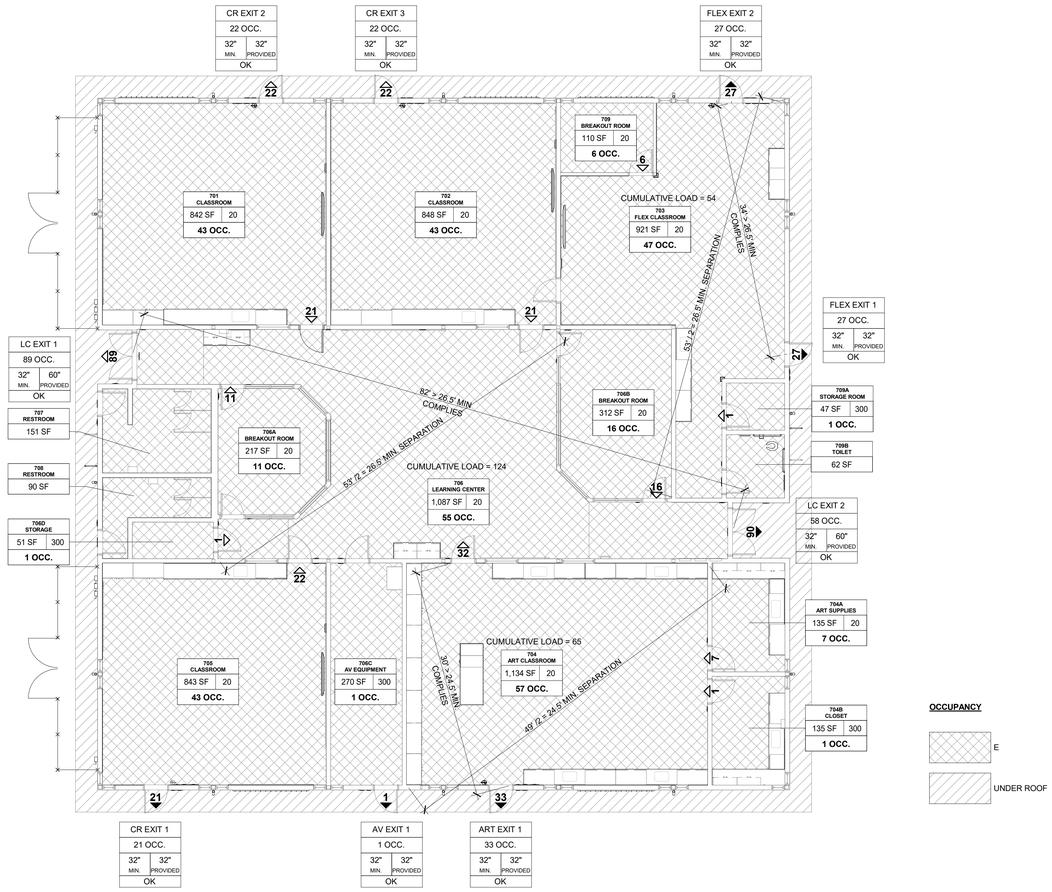

PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON THE PLAN IS A BARRIER-FREE ACCESS ROUTE

FLOOR OR GROUND SURFACE *(CBC 11B-302.1)*
SURFACE IS STABLE, FIRM, AND SLIP RESISTANT.

SLOPE *(CBC 11B-403.3)*
THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2%). THE RUNNING SLOPE OF SIDEWLAKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY.

CHANGES IN LEVEL *(CBC 11B-403.3)*
- CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. *(CBC 11B-303.2)*
- CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. *(CBC 11B-303.3)*

CLEARANCES *(CBC 11B-403.5.1)*
THE CLEAR WIDTH SHALL BE 36" MINIMUM
1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM. *(EXCEPTION 1)*
2. THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44" MINIMUM. *(EXCEPTION 2)*
3. THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48" MINIMUM *(EXCEPTION 3)*
4. THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO TOILET COMPARTMENTS SHALL BE 44" *(EXCEPTION 4)*

PROTRUDING OBJECTS *(CBC 11B-307)*
- ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM *(CBC 11B-307.4)*
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4" MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH *(CBC 11B-307.2)*

ASSISTED LISTENING DEVICES

11B-219

NO.	SPACE NAME	DESIGNED AREA	OLF	OCC. LOAD OF SPACE	REQUIRED RECEIVERS
701	CLASSROOM	842 SF	20	43	2
702	CLASSROOM	848 SF	20	43	2
703	FLEX CLASSROOM	921 SF	20	47	2
704	ART CLASSROOM	1,134 SF	20	57	2
704A	ART SUPPLIES	135 SF	20	7	0
705	CLASSROOM	843 SF	20	43	2
706	LEARNING CENTER	1,087 SF	20	55	2
706A	BREAKOUT ROOM	217 SF	20	11	0
706B	BREAKOUT ROOM	312 SF	20	16	1
		6,338 SF		322	13

REQUIRED IN ALL CLASSROOMS, MULTI-USE ROOMS, AND CONFERENCE ROOMS
SEE SIGNAGE FLOOR PLAN FOR SIGNAGE PLACEMENT

1. PROVIDE **11** RECEIVERS (4% OF OCCUPANT LOAD)
2. PROVIDE **3** HEARING-AID COMPATIBLE SYSTEMS (25% OF RECEIVERS)
3. SYSTEMS TO BE PORTABLE
4. DEVICES TO BE PROVIDED BY OWNER. CONTRACTOR TO PROVIDE ALL SIGNAGE

CODE ANALYSIS (CBC 2022)

USE AND OCCUPANCY CLASSIFICATION

GROUP E EDUCATION CLASSROOMS, LEARNING CENTER, BREAKOUT AREAS

GENERAL HEIGHT AND AREA

CHAPTER 5

(E) BUILDING 700 (D)	8,060 SF	
(E) OVERHANG	1,158 SF	
(E) GROSS AREA	9,218 SF	
CONSTRUCTION TYPE	VB (NO CHANGE)	
SPRINKLERS	NS (NO CHANGE)	
MIXED OCCUPANCY	FIRE SEPARATION NOT REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES (CBC 508.3.3)	
INCIDENTAL USES	STORAGE AREAS IN THIS PROJECT DO NOT QUALIFY AS INCIDENTAL USES (CBC 509)	

BUILDING AREA
PER SECTION 508.3.1, MOST RESTRICTIVE OCCUPANCY GROUP PER STORY. TABLE 506.2

EXISTING	9,218 SF	NO CHANGE	COMPLIES
ALLOWED	9,500 SF		

BUILDING HEIGHT IN FEET
CBC 504.3

EXISTING	27'-6"	NO CHANGE	COMPLIES
ALLOWED	40-0"		

BUILDING HEIGHT IN STORIES
CBC 504.4

EXISTING	1	NO CHANGE	COMPLIES
ALLOWED	1		

TYPES OF CONSTRUCTION

CHAPTER 6

CONSTRUCTION TYPE	VB	
REQ. FIRE-RESISTANCE	0	PER TABLE 601

FIRE AND SMOKE PROTECTION FEATURES

CHAPTER 7

SEE FLS PLAN FOR FIRE SEPARATION DISTANCES
NO RATINGS REQUIRED (TABLE 705.5)

FIRE PROTECTION SYSTEMS

CHAPTER 9

SPRINKLERS	NS	BUILDING NOT EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM
FIRE EXTINGUISHERS	2A:10B:C	
FIRE ALARM	YES	SEE ELECTRICAL

MEANS OF EGRESS

CHAPTER 10

OCCUPANT LOAD
TABLE 1004.5
SEE SCHEDULE

MEANS OF EGRESS SIZING
1005.3.2

DOORS	0.2"/OCC	32" MIN.	1010.1.1
CORRIDORS	0.2"/OCC	44" MIN.	TABLE 1020.3

NUMBER OF EXITS
1006.3, TABLE 1006.3.1
SEE OCCUPANT LOAD TABLE AND CODE PLAN

EXIT CONFIGURATION
1007.1.1

MAX DIAGONAL	SEE CODE PLAN
REQUIRED SEPARATION	1/2 DIAGONAL (1007.1.1)
PROPOSED SEPARATION	SEE CODE PLAN

EXIT ACCESS TRAVEL DISTANCE
TABLE 1017.2

MAX. TRAVEL DISTANCE	200 FT	E OCC. W/O SPRINKLER SYSTEM

COMMON PATH OF TRAVEL
TABLE 1006.2.1

MAXIMUM	75 FT	E OCC. W/O SPRINKLER SYSTEM

EXIT DISCHARGE
1028.5

ACCESS TO ROW OR SAFE DISPERSAL	SEE FLS PLANS

OCCUPANT LOADS

CBC TABLE 1004.5, 1006.2.1, & 1006.3.2
MORE THAN ONE EXIT MUST BE PROVIDED IF THE SPACE OCCUPANT LOAD OR MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE ARE EXCEEDED. MORE EXITS MAY BE REQUIRED UNDER HIGH OCCUPANT LOAD OR OTHER SPECIAL CONDITIONS.
**USABLE AREA IS TO FINISH SURFACE OF A SPACE*

OCCUPANCY GROUP	NO.	SPACE NAME	FUNCTION OF SPACE	DESIGNED AREA USABLE*	NET/ GROSS	OLF	OCC. LOAD OF SPACE	EXITING: MAXIMUM OCCUPANT LOAD OF SPACE	EXITING: MIN. NUMBER OF EXITS PER SPACE
E	701	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	842 SF	NET	20	43	49	1
E	702	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	848 SF	NET	20	43	49	1
E	703	FLEX CLASSROOM	EDUCATIONAL: CLASSROOM AREA	921 SF	NET	20	47	49	1
E	704	ART CLASSROOM	EDUCATIONAL: CLASSROOM AREA	1,134 SF	NET	20	57	49	2
E	704A	ART SUPPLIES	EDUCATIONAL: CLASSROOM AREA	135 SF	NET	20	7	49	1
E	705	CLASSROOM	EDUCATIONAL: CLASSROOM AREA	843 SF	NET	20	43	49	1
E	706	LEARNING CENTER	EDUCATIONAL: CLASSROOM AREA	1,087 SF	NET	20	55	49	2
E	706A	BREAKOUT ROOM	EDUCATIONAL: CLASSROOM AREA	217 SF	NET	20	11	49	1
E	706B	BREAKOUT ROOM	EDUCATIONAL: CLASSROOM AREA	312 SF	NET	20	16	49	1
				6,338 SF			322		
E	704B	CLOSET	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	135 SF	GROSS	300	1	49	1
E	706C	AV EQUIPMENT	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	270 SF	GROSS	300	1	49	1
E	706D	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	51 SF	GROSS	300	1	49	1
E	709	BREAKOUT ROOM	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	110 SF	GROSS	300	1	49	1
E	709A	STORAGE ROOM	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	47 SF	GROSS	300	1	49	1
				612 SF			5		
E	707	RESTROOM	(none)	151 SF				49	
E	708	RESTROOM	(none)	90 SF				49	
E	709B	TOILET	(none)	62 SF					
				304 SF			0		
				7,254 SF			327		

LEGEND

OCCUPANCY

# NAME	ROOM NUMBER & NAME
XXX SF / XX	ROOM AREA / OCCUPANT LOAD
XX OCC.	NUMBER OF OCCUPANTS EXITING SPACE
0	OCCUPANTS EXITING SPACE
0	OCCUPANT LOAD AT EXIT

EGRESS

----------	EGRESS PATH
250	EGRESS DISTANCE.
EXIT X	EXIT IDENTIFICATION
0 OCC.	TOTAL OCCUPANTS CALCULATED
32" MIN. / 32" PROVIDED	MIN. EXIT WIDTH CALCULATED / EXIT WIDTH PROVIDED
OK	COMPLIANCE
	ILLUMINATED EXIT SIGN, ARROW INDICATES DIRECTIONAL CHEVRON REFER TO INTERIOR ELEVATIONS AND RCP FOR MOUNTING LOCATION

FIRE SAFETY

FEC	FIRE EXTINGUISHER & RECESSED CABINET 2A:10B:C RATING

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APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
CODE ANALYSIS-BUILDING 700(D)

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET G7-403

DSA SUBMITTAL

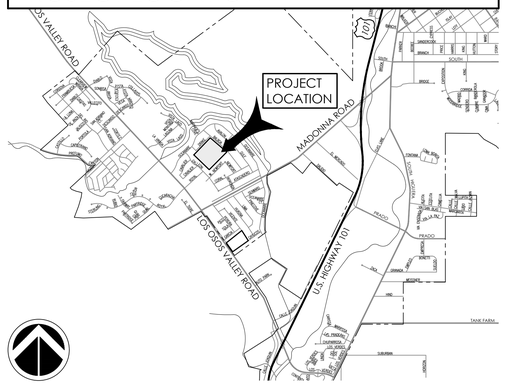
3/2/2026, 1:32:58 PM
Autodesk Docs://0100-06 CL Smith Elementary Modernization/0100-06 SITE.rvt

CL SMITH ELEMENTARY
MEASURE C - PHASE 2 MODERNIZATION

SAN LUIS OBISPO, CALIFORNIA

PROJECT LOCATION

SCALE: NTS



PREPARER'S STATEMENT

THIS PLAN SET WAS PREPARED BY:
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SAN LUIS OBISPO, CA 93401

UNDER THE DIRECTION OF:
ROBERT CAMACHO, P.E. No. 76597

DISTRICT/ REPRESENTATIVE

SAN LUIS COASTAL UNIFIED SCHOOL DISTRICT

CONTACT: DAVE LASSERRE
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PROJECT DESCRIPTION

PROPOSED IMPROVEMENTS INCLUDE CONCRETE HARDSCAPE RECONSTRUCTION FOR NON-COMPLIANT DOOR LANDINGS AND PATH OF TRAVEL ROUTE WITHIN SCHOOL SITE

LEGEND

- EX OVERHEAD POWERLINE
- EX SANITARY SEWER LINE
- EX STORM DRAIN LINE
- EX WATER LINE
- EX ELECTRICAL LINE
- EX FIRE WATER LINE
- SANITARY SEWER LINE
- STORM DRAIN LINE
- DOMESTIC WATER LINE
- FIRE WATER LINE
- SAWCUT LINE
- EASEMENT LINE
- RETAINING WALL
- FENCE
- TRUNCATED DOMES/ WARNING SURFACE
- LANDSCAPE AREA
- ASPHALT PAVEMENT
- CONCRETE
- EXISTING BUILDING
- FIRE HYDRANT ASSEMBLY
- SLOPE DIRECTION AND GRADE
- GATE VALVE
- SIGN
- AREA DRAIN
- DOMESTIC LATERAL AND METER
- CONCRETE CATCH BASIN
- SDMH PER CITY STD
- SSMH PER CITY STD
- DRY UTILITIES

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT
AP	ANGLE POINT
ARV	AIR RELEASE VALVE
BCR	BEGIN CURVE
BW	BACK OF WALK
CB	CATCH BASIN
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
DI	DRAIN INLET
DIP	DUCTILE IRON PIPE
EG	EXISTING GRADE
EX	EXISTING
EL	ELEVATION
FDC	FIRE DEPARTMENT CONNECTION
FG	FINISHED GRADE
FL	FLOWLINE
FS	FINISHED SURFACE
FP	FINISHED PAD
GALV	GALVANIZED
GB	GRADE BREAK
HP	HIGH POINT
IPS	IRON PIPE SIZE
INV	INVERT
LP	LOW POINT
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OC	ON CENTER
PL	PROPERTY LINE
PCL	PARCEL
PCC	PORTLAND CEMENT CONCRETE
POC	POINT ON CURVE OR POINT OF CONNECTION
POT	POINT OF TANGENT/ PATH OF TRAVEL
PRC	POINT OF REVERSE CURVE
ROW	RIGHT OF WAY
RP	REDUCED PRESSURE
STA	STATION
STD	STANDARD
TBD	TO BE DETERMINED
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TF	TOP OF FOOTING
TP	TOP OF PAVEMENT
TG	TOP OF GRATE
TYP	TYPICAL
TW	TOP OF WALL
UNO	UNLESS NOTED OTHERWISE
WSE	WATER SURFACE ELEVATION

PROJECT SITE

SCALE: NTS

CIVIL SHEET INDEX

7 SHEETS

SHEET NUMBER	SHEET TITLE
C-1.0	TITLE SHEET
C-1.1	GENERAL NOTES
C-2.1	DEMOLITION PLAN
C-3.1	CONSTRUCTION PLAN
C-3.2	CONSTRUCTION PLAN
C-3.3	CONSTRUCTION PLAN
C-8.1	EROSION CONTROL PLAN AND DETAILS

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TITLE SHEET

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PROJECT MANAGER: RAG
DRAWN BY: KC
CHECKED BY:
DATE: DECEMBER 12, 2025
PROJECT NUMBER: 0100-06-ED24
SHEET: C-1.0

DSA SUBMITTAL

N:\0001\01\0100-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Engineering\ConstDocs\Sheet-Files\C-1.x_Title and General Notes.dwg, C-1.0, Feb 20, 2026, 7:17am, kcatchpa

GENERAL NOTES

1. NO CONSTRUCTION SHALL BE STARTED WITHOUT PLANS APPROVED BY THE DIVISION OF THE STATE ARCHITECT. THE SCHOOL DISTRICT SHALL BE NOTIFIED AT LEAST FORTY-EIGHT HOURS PRIOR TO STARTING OF CONSTRUCTION. ANY CONSTRUCTION DONE WITHOUT APPROVED PLANS OR PRIOR NOTIFICATION TO THE SCHOOL DISTRICT WILL BE REJECTED AND WILL BE AT THE CONTRACTOR'S AND/OR OWNER'S RISK.
2. ALL CONSTRUCTION WORK AND INSTALLATIONS SHALL CONFORM TO THE DIVISION OF THE STATE ARICHITECT APPROVED DRAWINGS AND SPECIFICATIONS, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE INSPECTOR OF RECORD.
3. RECORD PLANS ARE TO BE PREPARED AFTER CONSTRUCTION IS COMPLETED. THE CIVIL ENGINEER CERTIFYING THE IMPROVEMENTS AND PREPARING THE RECORD PLANS SHALL BE PRESENT WHEN THE FINAL INSPECTION IS MADE.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POTHOLE AND VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND IMPROVEMENTS PRIOR TO START OF CONSTRUCTION. EXISTING UTILITIES AND IMPROVEMENTS SHOWN ON THE CONSTRUCTION PLANS ARE FROM RECORD SOURCES AND WERE SHOWN FOR DESIGN PURPOSES ONLY.
5. ALL UTILITY COMPANIES MUST BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION BY THE CONTRACTOR.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TELEPHONE UNDERGROUND SERVICE ALERT (USA) TOLL FREE AT 811 A MINIMUM OF FORTY-EIGHT WORKING HOURS PRIOR TO THE START OF CONSTRUCTION. FOR BEST RESPONSE, PROVIDE AS MUCH NOTICE AS POSSIBLE, UP TO TEN WORKING DAYS.
7. CONTRACTOR TO VERIFY ALL UTILITY POINT OF CONNECTIONS FOR ALL UTILITIES I.E. POTHOLE EACH SIDE, FIELD VERIFY DEPTHS THROUGHOUT FOR ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
8. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE ON BEHALF OF THE CONTRACTOR ON ACCOUNT OF AN ERROR ON HIS OR HER PART OF THEIR NEGLIGENCE OF FAILURE TO ACQUAINT THEMSELVES WITH THE CONDITIONS OF THE SITE, EXISTING UTILITY LOCATIONS AND EASEMENTS OR OF THE STREET OR ROADS APPROACHING THE SITE.
9. CONSTRUCTION CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR LOCATING OR HAVING LOCATED ALL UNDERGROUND UTILITIES AND RELATED FACILITIES AND FOR PROTECTING SAME DURING THE COURSE OF CONSTRUCTION. ALL UTILITIES THAT ARE NOT A MEMBER OF USA MUST ALSO BE NOTED.
10. THE CONTRACTOR SHALL PROVIDE A LEGIBLE HARD AND DIGITAL COPY AND COMPLETE SET OF PLANS IDENTIFYING ALL MODIFICATIONS MADE DURING CONSTRUCTION TO THE DESIGN ENGINEER FOR THE RECORD DRAWINGS.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR PROPER RESETTING OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. ANY SURVEY MONUMENTS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE STATE LAND SURVEYORS ACT AT THE CONTRACTOR'S EXPENSE.
12. THE DESIGN OF THE SURFACE AND UNDERGROUND IMPROVEMENTS IS BASED ON RECORD INFORMATION (SURVEYS AND DRAWINGS). IMMEDIATELY AFTER THE CONSTRUCTION CONTRACT IS AWARDED, THE CONTRACTOR SHALL VERIFY THE RELATIVE ELEVATIONS AS SPECIFIED ON THESE PLANS AND NOTIFY THE DESIGN ENGINEER IF THERE ARE ANY DISCREPANCIES. THE CONSTRUCTION DRAWINGS ELEVATIONS WILL THEN BE MODIFIED ACCORDINGLY, AND A REVISED SET FURNISHED TO THE CONTRACTOR. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY REQUIRED REWORK IF CONSTRUCTION BEGINS WITHOUT VERIFYING THE SPECIFIED ELEVATIONS AND NOTIFYING THE DESIGN ENGINEER.
13. ANY SECTIONS OF DAMAGED OR DISPLACED CURB, GUTTER & SIDEWALK OR DRIVEWAY APPROACH SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE SCHOOL DISTRICT.
14. ALL STORM WATER EROSION CONTROL AND SEDIMENT CONTROL DEVICES / MEASURES (I.E. BMPS) SHALL BE IN PLACE THROUGHOUT GROUND DISTURBING ACTIVITIES.
15. DIGITAL DRAWINGS OF HORIZONTAL CONTROL PROVIDED TO SURVEY FOR PURPOSE OF CONSTRUCTION.
16. THE CONTRACTOR SHALL ADHERE TO ALL NOTES AND DETAILS PRESENTED ON THE EROSION CONTROL PLAN AND DETAILS SHEET.
17. THE EXISTING SITE CONDITIONS SHOWN HEREIN HAVE BEEN COMPILED BASED ON TOPOGRAPHIC FIELD SURVEYS, AS-BUILT DRAWINGS OF THE EXISTING IMPROVEMENTS, AND KNOWLEDGE OF THE SITE BY THE DISTRICT. IT IS THE RESPONSIBILITY OF THE PROJECT CONTRACTOR TO VERIFY FIELD CONDITIONS, ESPECIALLY AT CRITICAL JOIN LOCATIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD AND THE DISTRICT FOR THEIR REVIEW PRIOR TO CONSTRUCTION OF IMPROVEMENTS.
18. IT IS THE RESPONSIBILITY OF THE PROJECT CONTRACTOR TO CALL 1-800-642-2444 BEFORE ANY TRENCHES OF EXCAVATION WORK.
19. GENERAL CONTRACTOR TO POTHOLE ANY AREAS WHERE EXCAVATIONS ARE PLANNED. ANY UTILITIES DAMAGED, WHETHER REFLECTED ON RECORD DRAWINGS OR NOT, BY CONTRACTOR SHALL BE RESPONSIBILITY OF CONTRACTOR.
20. REMOVE AND REPLACE CONCRETE CURB AND LAWN AREA UTILIZED FOR CONSTRUCTION ACCESS AND REPAIR TO ORIGINAL CONDITION.
21. CONTRACTOR SHALL PROTECT EXISTING INFRASTRUCTURE FROM DAMAGE BY HEAVY LOADING AND/OR EQUIPMENT DURING THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL REPAIR, AT CONTRACTOR'S EXPENSE, ANY AND ALL DAMAGE TO EXISTING INFRASTRUCTURE INCURRED DURING AND/OR DUE TO CONSTRUCTION, TO THE SATISFACTION OF THE DISTRICT.

REFERENCE DOCUMENTS:

CITY STANDARD SPECIFICATIONS:	AUGUST 2020 EDITION
CITY ENGINEERING STANDARDS:	AUGUST 2020 EDITION
CALTRANS STANDARD PLANS:	MAY 2018 EDITION
CALIFORNIA BUILDING CODE:	2022 EDITION

GRADING NOTES

1. DUST CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH CITY GRADING ORDINANCE AND COUNTY APCD REQUIREMENTS.
2. CONSTRUCTION CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR PROTECTION OF PUBLIC AND PRIVATE PROPERTY ADJACENT TO THE JOB SITE AND THAT HE/SHE SHALL AT HIS/HER EXPENSE, REPAIR OR REPLACE TO ORIGINAL CONDITION ALL EXISTING IMPROVEMENTS WITHIN OR ADJACENT TO THE JOB SITE WHICH ARE DESIGNATED FOR REMOVAL AND WHICH ARE DAMAGED OR REMOVED AS A RESULT OF HIS/HER OPERATIONS.
3. NO CUT OR FILL SLOPES WILL BE CONSTRUCTED STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1). UNLESS OTHERWISE APPROVED BY THE INSPECTOR OF RECORD.
4. MINIMUM DRAINAGE GRADIENT OF 5% IS REQUIRED FOR A MINIMUM OF 10' AWAY FROM THE BUILDING PAD/FOUNDATION IN ACCORDANCE WITH THE BUILDING CODES FOR LANDSCAPED AREAS ADJACENT TO BUILDINGS (SEE CBC SECTION 1804.3)
5. ALL SURFACE AND SUBSURFACE DRAINAGE SYSTEMS DESIGNED AT LESS THAN 2% SHALL HAVE FINAL GRADIENTS CERTIFIED BY A LICENSED SURVEYOR OR ENGINEER PRIOR TO FINAL INSPECTION.
6. SOILS TESTS SHALL BE DONE IN ACCORDANCE WITH THE CITY STANDARDS AND SPECIFICATIONS. ALL TESTS MUST BE MADE WITHIN 15 DAYS PRIOR TO PLACING THE MATERIAL. THE TEST RESULTS SHALL CLEARLY INDICATE THE LOCATION AND SOURCE OF THE MATERIAL.
7. COMPACTION TESTS SHALL BE MADE ON SUBGRADE MATERIAL AND MATERIAL AS SPECIFIED BY THE ENGINEER. SAID TESTS SHALL BE MADE PRIOR TO THE PLACING OF THE NEXT MATERIAL. COMPACTION REQUIREMENTS SHOULD BE AS PER THE PROJECT SPECIFICATIONS.
8. FINAL REPORTS SHALL BE REQUIRED IN ACCORDANCE WITH CHAPTER 18 OF THE CBC
9. DURING CONSTRUCTION/GROUND DISTURBING ACTIVITIES, THE APPLICANT SHALL IMPLEMENT THE FOLLOWING PARTICULATE (DUST) CONTROL MEASURES, THESE MEASURES SHALL BE SHOWN ON THE GRADING AND BUILDING PLANS. IN ADDITION, THE CONTRACTOR OR BUILDER SHALL DESIGNATE A PERSON OR PERSONS TO MONITOR THE DUST CONTROL PROGRAM AND TO ORDER INCREASED WATERING AS NECESSARY, TO PREVENT TRANSPORT OF DUST OFF SITE. THEIR DUTIES SHALL INCLUDE HOLIDAY AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS. THE NAME AND TELEPHONE NUMBER OF SUCH PERSONS SHALL BE PROVIDED TO THE APCD PRIOR TO COMMENCEMENT OF CONSTRUCTION. USE OF WATER TRUCKS OR SPRINKLER SYSTEMS IN SUFFICIENT QUANTITIES TO PREVENT AIRBORNE DUST FROM LEAVING THE SITE. INCREASED WATERING FREQUENCY WOULD BE REQUIRED WHENEVER WIND SPEEDS EXCEED 15 MPH. RECLAIMED (NON POTABLE) WATER SHALL BE USED WHENEVER POSSIBLE.
10. ALL DISTURBED SURFACES SLOPED FOUR HORIZONTAL TO ONE VERTICAL (4:1) AND GREATER AND AREAS USED TO CONVEY CONCENTRATED DRAINAGE SHALL BE PREPARED AND MAINTAINED TO CONTROL EROSION BY EFFECTIVE PLANTING TO BE COMPLETED NO LATER THAN 30 DAYS PRIOR TO A REQUEST FOR FINAL INSPECTION APPROVALS.
11. ALL ACTIVITIES ASSOCIATED WITH CONSTRUCTION AND OPERATION FOR THE SCHOOL IMPROVEMENTS SHALL COMPLY AT ALL TIMES WITH ALL CURRENT APCD RULES AND REGULATIONS AS APPLICABLE, INCLUDING BUT NOT LIMITED TO PM-10, NOx EMISSIONS, BEST AVAILABLE CONTROL TECHNOLOGIES, CONSTRUCTION ACTIVITY MANAGEMENT PLANS, AND PHASING TECHNIQUES.
12. A FIRE DEPARTMENT PERMIT IS REQUIRED IF FUEL IS STORED ON-SITE.
13. TRACKING ONTO THE PUBLIC RIGHT-OF-WAY SHALL BE MINIMIZED. THE ADJOINING STREET AND SIDEWALK SHALL BE CLEANED BY SWEEPING TO REMOVE DIRT, DUST, MUD, AND CONSTRUCTION. DEBRIS AT THE END OF EACH WORKING DAY.

UTILITY NOTES

1. UTILITIES SHOWN ARE ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. THE CONTRACTOR HAS THE RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND TO NOTIFY UTILITY COMPANIES WHEN WORKING IN THEIR PROXIMITY. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL POTHOLE TO VERIFY ALL EXISTING UTILITY POINTS OF CONNECTION AND ELEVATIONS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY DISCREPANCIES EXIST BETWEEN THE PLANS AND FIELD CONDITIONS PERTAINING TO MATERIALS, ELEVATIONS, LOCATIONS, ETC., PRIOR TO CONTINUING WORK.
2. VERIFY ALL P.O.C. FOR ALL UTILITIES I.E. POTHOLE EACH SIDE, FIELD VERIFY DEPTHS THROUGHOUT THROUGHPUT FOR ALL EXISTING UTILITIES. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE ON BEHALF OF THE CONTRACTOR ON ACCOUNT OF AN ERROR ON HIS OR HER PART OF HIS OR HER NEGLIGENCE OF FAILURE TO ACQUAINT HIMSELF OR HERSELF WITH THE CONDITIONS OF THE SITE, EXISTING UTILITY LOCATIONS AND EASEMENTS, OR OF THE STREET OR ROADS APPROACHING THE SITE.

DEMOLITION NOTES

1. THIS DEMOLITION WAS PREPARED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ARCHITECT AND THE ENGINEER DO NOT REPRESENT THAT ALL ITEMS WHICH MAY REQUIRE DEMOLITION HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE SITE AND DETERMINE WHAT MAY BE REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
2. DEMOLITION WORK AND ABANDONMENT SHALL CONFORM TO THE LATEST VERSION OF THE UNIFORM BUILDING CODE, TITLE 24, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OF RECORD.
3. NO DEMOLITION SHALL BE STARTED WITHOUT APPROVED PLANS. THE DISTRICT SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO STARTING DEMOLITION.
4. THE PLANS DO NOT AUTHORIZE SITE DISTURBANCE BEYOND THE LIMITS AS REPRESENTED ON THESE PLANS UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL ITEMS DAMAGED DURING DEMOLITION AND CONSTRUCTION TO ITS ORIGINAL CONDITION OR TO THE SATISFACTION OF THE DISTRICT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER STORAGE OF ANY ITEMS TO BE RELOCATED.
7. ALL ITEMS ARE THE PROPERTY OF THE DISTRICT. THE CONTRACTOR SHALL SALVAGE ANY ITEMS AT THE REQUEST OF THE DISTRICT.
8. ALL DEBRIS FROM THE DEMOLITION PROCESS SHALL BE REMOVED FROM THE SITE TO AN APPROVED DUMP AT THE CONTRACTOR'S EXPENSE UNLESS OTHERWISE NOTED.
9. ALL HAZARDOUS MATERIALS SHALL BE REMOVED PRIOR TO ANY DEMOLITION OR ACTIVITY WHICH WOULD DISTURB THAT MATERIAL BY A LICENSED ABATEMENT CONTRACTOR.
10. ALL STREETS, ALLEYS, VEHICULAR WAYS, SIDEWALKS, AND HAUL ROUTES SHALL BE KEPT CLEAN AND CLEAR OF DEBRIS, DIRT AND DUST IN A MANNER ACCEPTABLE TO THE CITY. AT A MINIMUM, THESE AREAS SHALL BE CLEANED AT THE END OF EACH WORK DAY. FAILURE TO DO SO WILL RESULT IN A "STOP WORK" NOTICE. SAID NOTICE WILL NOT BE RELEASED UNTIL THE AREA HAS BEEN ADEQUATELY CLEANED. THE FLUSHING OF DIRT OR DEBRIS INTO STORM DRAIN OR SANITARY SEWER FACILITIES SHALL NOT BE PERMITTED.
11. ALL ABANDONED UTILITIES SHALL BE MARKED IN THE FIELD AND LOCATED ON THE DRAWINGS OF RECORD BY THE CONTRACTOR WHICH WILL BE SUPPLIED TO BOTH THE ENGINEER OF RECORD AND THE OWNER AT THE CONCLUSION OF THE DEMOLITION WORK.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. EXISTING UTILITIES AND IMPROVEMENTS SHOWN ON THESE PLANS ARE FROM RECORD SOURCES AND SPOT CHECKS. UTILITIES ARE SHOWN FOR DESIGN PURPOSES ONLY.
13. CONTRACTOR TO VERIFY ALL UTILITY POINT OF CONNECTIONS FOR ALL UTILITIES I.E. POTHOLE EACH SIDE, FIELD VERIFY DEPTHS THROUGHOUT FOR ALL EXISTING UTILITIES.
14. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE ON BEHALF OF THE CONTRACTOR ON ACCOUNT OF AN ERROR ON HIS OR HER PART OF THEIR NEGLIGENCE OF FAILURE TO ACQUAINT THEMSELVES WITH THE CONDITIONS OF THE SITE, EXISTING UTILITY LOCATIONS AND EASEMENTS OR OF THE STREET OR ROADS APPROACHING THE SITE.
15. THE CONTRACTOR SHALL ONLY REMOVE THOSE UNDERGROUND FACILITIES SPECIFICALLY NOTED FOR REMOVAL. DAMAGE TO EXISTING FACILITIES TO REMAIN SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
16. THE CONTRACTOR MUST NOTIFY ALL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
17. CONTRACTOR TO TELEPHONE UNDERGROUND SERVICE ALERT (USA) TOLL FREE AT 811 A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. FOR BEST RESPONSE, PROVIDE AS MUCH NOTICE AS POSSIBLE, UP TO 10 WORKING DAYS.
18. CONTRACTOR SHALL NOT INTERRUPT ANY DISTRICT SERVICES AND SCHOOL ACTIVITIES DURING OPERATING HOURS OR DISRUPT THE OPERATION OF ADJACENT BUSINESSES, RESIDENTIAL AREAS OR ONSITE FACILITIES OUTSIDE THE LIMITS OF DEMOLITION.
19. CONTRACTOR SHALL OBTAIN A DEMOLITION PERMIT FOR WORK WITHIN THE CITY RIGHT-OF-WAY FROM THE CITY PRIOR TO THE START OF WORK.
20. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR WORK WITHIN THE CITY RIGHT-OF-WAY FROM THE CITY PRIOR TO THE START OF WORK.
21. CONTRACTOR TO REMOVE AND DISPOSE OF ALL WOOD, CONCRETE, A.C. PAVING, AGGREGATE BASE, AND VEGETATION AS SHOWN UNLESS OTHERWISE NOTED ON THE PLANS.
22. DUST CONTROL SHALL BE MAINTAINED TO THE SATISFACTION OF THE INSPECTOR OF RECORD.
23. PROTECT EXISTING FACILITIES OUTSIDE THE LIMITS OF DEMOLITION UNLESS OTHERWISE NOTED.

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DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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REGISTERED PROFESSIONAL ENGINEER
ROBERT A. CANCHOLA
No. 76597
CIVIL
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

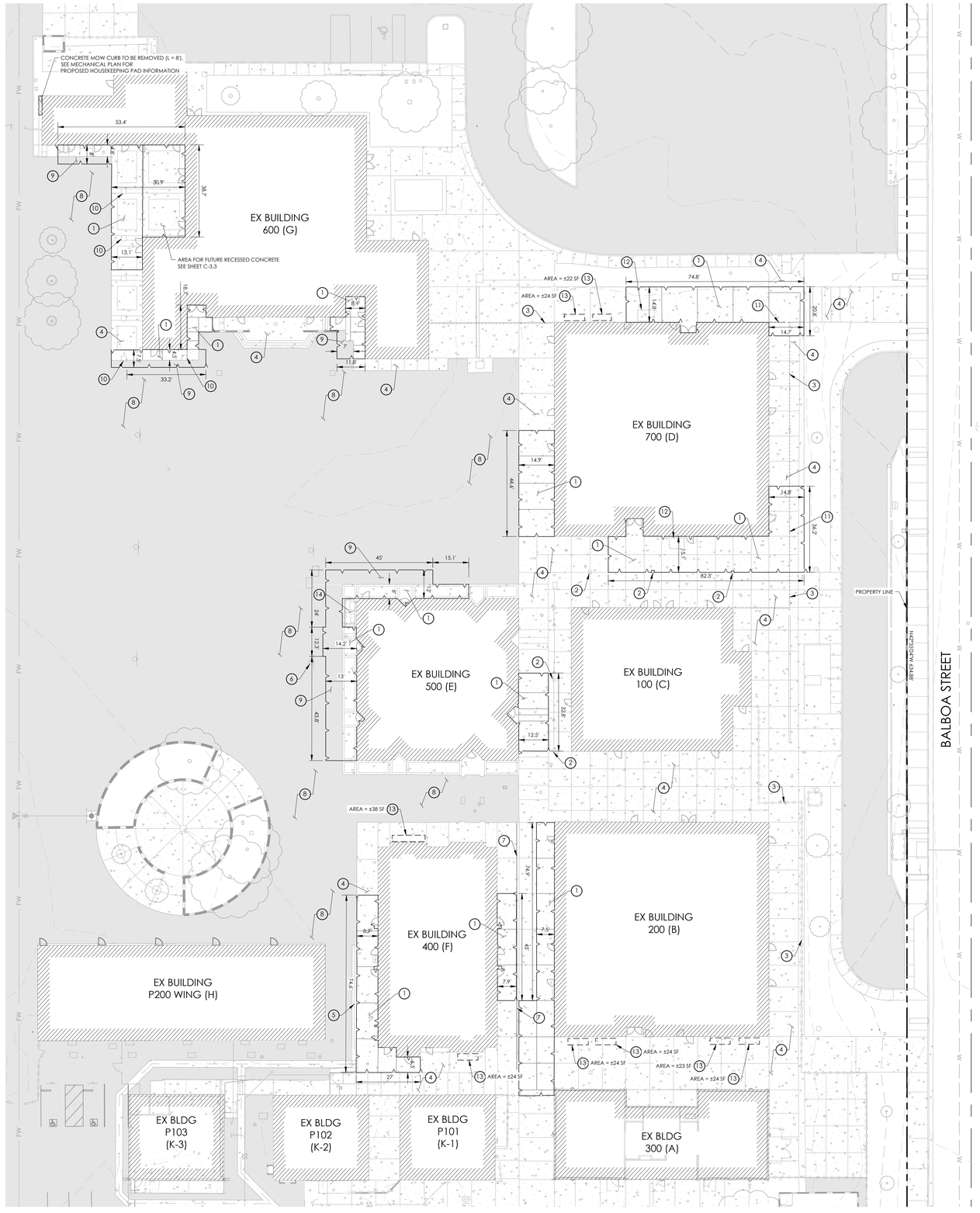
GENERAL NOTES

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: RAG
DRAWN BY: KC
CHECKED BY:
DATE: DECEMBER 12, 2025
PROJECT NUMBER: 0100-06-ED24
SHEET: C-1.1

DSA SUBMITTAL

N:\0001\0100-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Engineering\ContDocs\Sheet-Files\C-1.x_Title and General Notes.dwg, C-1.1, Feb 20, 2026 7:17pm, kcastaljal



SITE PREPARATION NOTES

1. EXISTING CONCRETE TO BE REMOVED AND REPLACED TO NEAREST PAVING JOINT OUTSIDE OF SAWCUT LIMIT U.N.O. SEE SHEET SERIES C-3.X FOR CONSTRUCTION NOTES AND DETAILS.
2. EXISTING DRAIN INLET TO BE PROTECTED IN PLACE.
3. EXISTING FENCE TO BE PROTECTED IN PLACE.
4. EXISTING CONCRETE TO BE PROTECTED IN PLACE.
5. EXISTING CONCRETE GUTTER TO BE PROTECTED IN PLACE.
6. EXISTING BASKETBALL POLE TO BE PROTECTED IN PLACE.
7. EXISTING TRENCH DRAIN TO BE PROTECTED IN PLACE.
8. EXISTING ASPHALT TO BE PROTECTED IN PLACE.
9. EXISTING ASPHALT PAVING TO BE REMOVED AND REPLACED TO SAWCUT LIMIT. SEE SHEET SERIES C-3.X FOR CONSTRUCTION NOTES AND DETAILS.
10. EXISTING BUILDING COLUMN TO BE PROTECTED IN PLACE.
11. EXISTING FENCE PANELS TO BE REMOVED AND REINSTALLED. MODIFY PANELS AS NEEDED TO MAINTAIN EXISTING BOTTOM GAP CLEARANCE TO GROUND. PROTECT EXISTING FENCE POSTS AND FOOTINGS IN PLACE.
12. EXISTING AC EQUIPMENT AND FENCING ENCLOSURE WITH GATE TO BE REMOVED. FENCING POSTS AND FOOTINGS TO BE REMOVED.
13. APPROXIMATE SAWCUT LIMIT FOR PROPOSED MECHANICAL PAD FOOTPRINT. DEMOLISH AND REMOVE EXISTING CONCRETE. SEE MECHANICAL PLANS FOR PAD FOOTPRINT.
14. EXISTING AC EQUIPMENT AND FENCING ENCLOSURE WITH GATE TO BE PROTECTED IN PLACE.

GENERAL NOTES

1. THE EXISTING SITE CONDITIONS SHOWN HEREIN HAVE BEEN COMPILED BASED ON TOPOGRAPHIC FIELD SURVEYS, AS-BUILT DRAWINGS OF THE EXISTING IMPROVEMENTS, AND KNOWLEDGE OF THE SITE BY THE DISTRICT. IT IS THE RESPONSIBILITY OF THE PROJECT CONTRACTOR TO VERIFY FIELD CONDITIONS ESPECIALLY AT CRITICAL JOIN LOCATIONS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER OF RECORD AND THE DISTRICT FOR THEIR REVIEW PRIOR TO CONSTRUCTION OF IMPROVEMENTS.
2. CONTRACTOR SHALL PROTECT EXISTING INFRASTRUCTURE OUTSIDE OF WORK LIMIT FROM DAMAGE BY HEAVY LOADING AND/OR EQUIPMENT DURING THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL REPAIR, AT CONTRACTOR'S EXPENSE, ANY AND ALL DAMAGE TO EXISTING INFRASTRUCTURE INCURRED DURING AND/OR DUE TO CONSTRUCTION, TO THE SATISFACTION OF THE DISTRICT.
3. REFERENCE NOTES ON SHEET C-1.1.
4. SEE CONSTRUCTION PLAN SHEETS FOR ADDITIONAL INSTALLATION NOTES AND CONSTRUCTION DETAILS.
5. CONTRACTOR SHALL SAWCUT IN A NEAT VERTICAL LINE AS SHOWN.
6. ALL EXISTING UTILITY BOXES, STRUCTURES, MANHOLES AND VALVES WITHIN THE LIMIT OF WORK SHALL BE ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.
7. ALL UTILITY COMPANIES MUST BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION BY THE CONTRACTOR.
8. ALL EXISTING UNDERGROUND UTILITIES ON SITE SHALL BE PROTECTED UNLESS OTHERWISE NOTED.
9. CONTRACTOR SHALL PROTECT ALL STORMWATER INFRASTRUCTURE TO REMAIN INCLUDING BUT NOT LIMITED TO TRENCH DRAINS, CATCH BASINS, AND SHALLOW STORM DRAIN PIPES WHEN PERFORMING CONCRETE OR AC DEMOLITION WORK.
10. CONTRACTOR IS RESPONSIBLE TO PROPERLY AND LEGALLY DISPOSE OF ALL REMOVED MATERIAL.
11. CONTRACTOR TO COORDINATE WITH SCHOOL DISTRICT REPRESENTATIVE FOR SALVAGE OF ANY SITE ITEMS.
12. ALL EXISTING BUILDINGS SHALL BE PROTECTED IN PLACE.
13. CONTRACTOR SHALL PROTECT DOORS IN PLACE. CONTRACTOR SHALL REVIEW ALL DOORS, TRIM AND POTENTIALLY REMOVE AND REINSTALL AS REQUIRED TYP.

LEGEND

- PROPERTY LINE
- SAWCUT LIMIT
- EXISTING EDGE OF PAVEMENT
- EXISTING AC
- EXISTING CONCRETE
- EXISTING BUILDING
- EXISTING LANDSCAPE
- EXISTING DOOR

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STATE OF CALIFORNIA

CONSULTANT

Know what's below.
Call 811 before you dig.

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

DEMOLITION PLAN

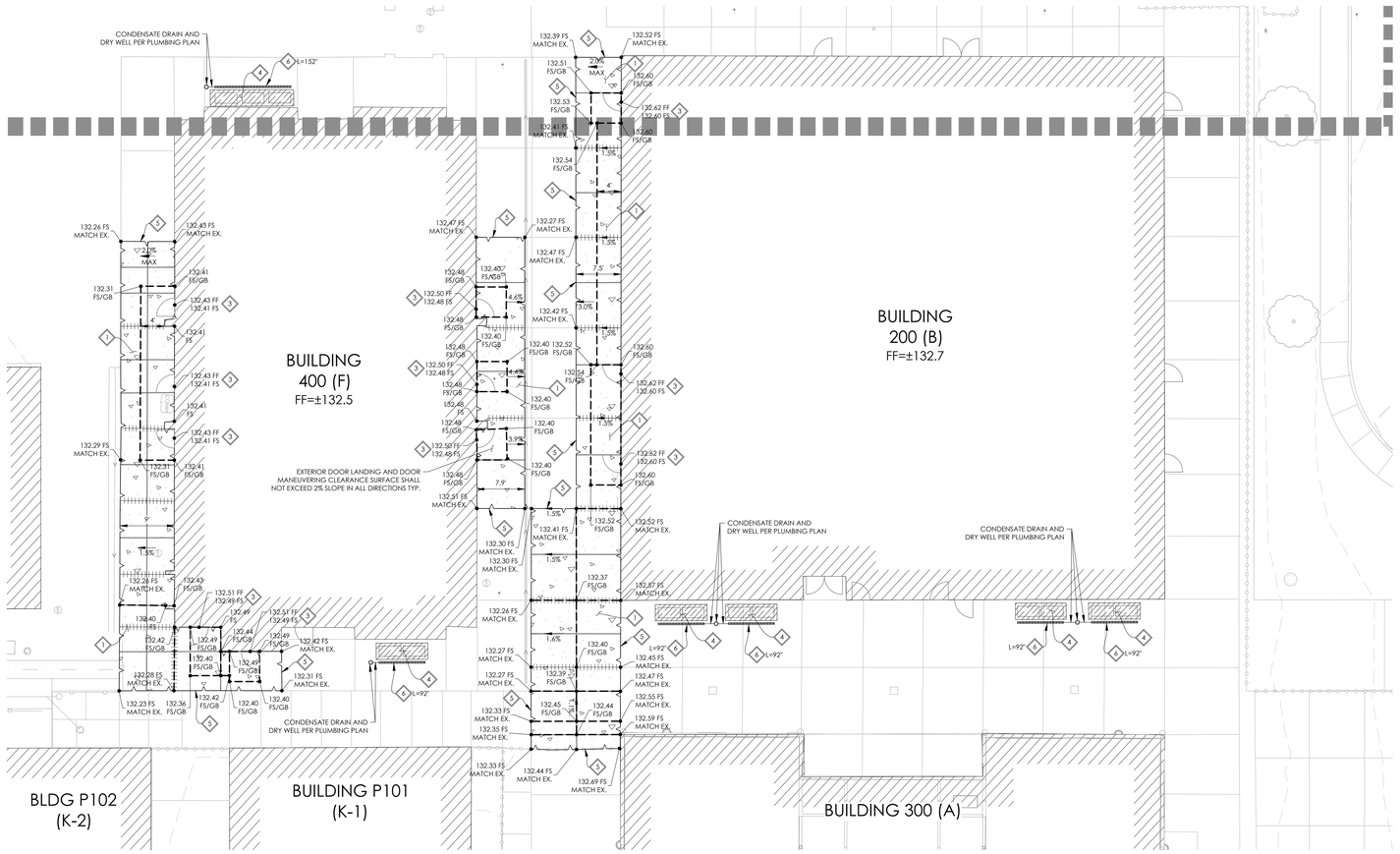
NO.	REVISION	DATE

PROJECT MANAGER: RAG
DRAWN BY: KC
CHECKED BY:
DATE: DECEMBER 12, 2025
PROJECT NUMBER: 0100-06-ED24
SHEET: C-2.1

DSA SUBMITTAL

N:\0201\0100-06-ED24\CL Smith-Elem-Modernizations-Phase-2\Engineering\ConDocs\Sheet Files\C-2.x_Existing Conditions.dwg, C-2.1, Feb 20, 2026 7:17am, kcarbajal

SEE SHEET C-3.2
FOR CONTINUATION



NOTE:
CONTRACTOR TO REFER TO ARCHITECTURE PLAN FOR LOCATIONS OF PROPOSED DOWNSPOUT CONNECTION IMPROVEMENTS.
ALSO, SEE ARCHITECTURE DETAIL FOR DOWNSPOUT TERMINATION AT INLET ON SHEET AX-921.

GENERAL NOTES

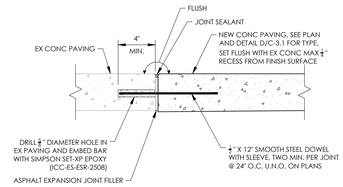
1. REFER TO ARCHITECTURE PLANS FOR INSTALLATION AND LOCATION OF FENCING AND GATES FOR THE MECHANICAL UNITS.
2. SEE DEMOLITION PLAN ON SHEET C-2.1 FOR DEMOLITION OF EXISTING IMPROVEMENTS INCLUDING BUT NOT LIMITED TO HARDSCAPE, CONCRETE LANDINGS, AND FEATURES.
3. SLOPE INTERNAL HARDSCAPE, (WALKWAYS AND SIDEWALKS) AT 2% MAX CROSS SLOPE AND AT 5% MAX RUNNING SLOPE.
4. ALL EXISTING UTILITY BOXES, STRUCTURES, MANHOLES AND VALVES WITHIN THE LIMIT OF WORK SHALL BE ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL PROVIDE ALL FITTINGS AND APPURTENANCES REQUIRED TO REINSTALL AND RECONSTRUCT ANY/ALL UTILITIES AS A RESULT OF CONSTRUCTION.
6. ALL EXTERIOR BUILDING LANDINGS SHALL HAVE A MAX SLOPE OF 2% IN ANY DIRECTION.
7. SEE EROSION CONTROL PLAN AND DETAILS ON SHEET C-8.1.

CONSTRUCTION NOTES

1. CONSTRUCT REINFORCED PEDESTRIAN CONCRETE PAVING PER DETAIL D ON SHEET C-3.1 TO NEAREST JOINT U.N.O., INSTALL CONCRETE JOINTS PER DETAIL B ON SHEET C-3.1 TO MATCH EX CONCRETE JOINT LOCATIONS U.N.O. PER PLAN.
2. CONSTRUCT MIN. 3" AC PAVING WITH MIN. 6" OF COMPACTED (95% OR BETTER) CLASS II AGGREGATE BASE (NO RECYCLED BASE).
3. CONSTRUCT EXTERIOR LANDINGS WITH DOOR THRESHOLDS PER DETAIL C ON SHEET C-3.1 U.N.O. PER FF AND FS GRADES.
4. CONSTRUCT PROPOSED PAD PER DETAIL 41 ON SHEET S-601 AND INSTALL EQUIPMENT PER MECHANICAL PLAN. REFER TO ARCHITECTURE PLAN FOR FENCE, POSTS, FOOTINGS, AND GATES.
5. DOWEL CONCRETE FLATWORK PER DETAIL A ON SHEET C-3.1.
6. INSTALL 3" PRO SERIES CHANNEL DRAIN WITH POLYPROPYLENE LIGHT TRAFFIC AND ADA COMPLIANT GRATE (OR APPROVED EQUAL) PER DETAIL E AND F ON SHEET C-3.2 (LENGTH PER PLAN). CONNECT TO DRYWELL PER PLUMBING PLAN AND DETAIL 3/P-001.

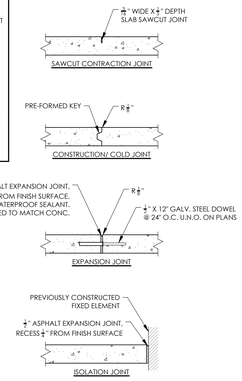
LEGEND

- PROPERTY LINE
- SAWCUT LIMIT
- GRADE BREAK
- PROPOSED CONTROL JOINT
- PROPOSED EXPANSION JOINT
- PROPOSED AC PAVING
- PROPOSED PEDESTRIAN CONCRETE PAVING PROVIDE TURNDOWN EDGE WHEN ADJACENT TO PLANTING OR NEW AC PAVING
- EXISTING BUILDING
- PROPOSED CONCRETE MECHANICAL PAD FOOTPRINT

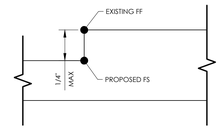


A CONCRETE PAVING - NEW TO EXISTING
SCALE: NTS

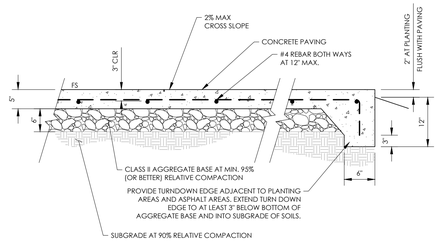
NOTES:
1. REFER TO CONSTRUCTION PLAN FOR JOINT LOCATIONS/LAYOUT.
2. PROVIDE ISOLATION JOINT AGAINST ALL PREVIOUSLY CONSTRUCTED FIXED ELEMENTS.
3. INSTALL MANUFACTURED DOWEL SYSTEMS PER MANUFACTURER'S INSTRUCTIONS.
4. SEAL ALL ISOLATION AND EXPANSION JOINTS PER MANUFACTURER'S INSTRUCTIONS.
5. JOINTS SHALL EXTEND COMPLETELY TO EDGE OF CONCRETE OR INTERSECTING JOINT(S).



B CONCRETE JOINTS
SCALE: NTS



C DOOR THRESHOLD
SCALE: NTS



NOTES:
1. UNLESS NOTED OTHERWISE ON THE PLANS, PROVIDE TOOLED CONTROL JOINTS AT 10' INTERVALS AND EXPANSION JOINTS AT 20' INTERVALS. INSTALL EXPANSION JOINTS ADJACENT TO VERTICAL ELEMENTS.
2. REFER CONCRETE JOINTS DETAIL.

D CONCRETE PAVING - PEDESTRIAN
SCALE: NTS

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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

CONSTRUCTION PLAN

NO.	REVISION	DATE

PROJECT MANAGER
RAG
DRAWN BY
KC
CHECKED BY
DATE
DECEMBER 12, 2025
PROJECT NUMBER
0100-06-ED24
SHEET
C-3.1

DSA SUBMITTAL

N:\0001\01\0100-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Engineering\ConstDocs\Sheet Files\C-3.x_Construction Plan.dwg, C-3.1, Feb 20, 2026 7:18am, kcarbajal

SEE SHEET C-3.3
FOR CONTINUATION

NOTE:
CONTRACTOR TO MATCH EXISTING JOINT LOCATION AND TYPE ON EAST SIDE OF BUILDING 700 (D).

NOTE:
CONTRACTOR TO MATCH EXISTING DECORATIVE BANDING JOINTING ALONG THE NORTHWEST AND SOUTHWEST SIDE OF BUILDING 500 (E). MATCH EXISTING JOINT LOCATION AND TYPE.

BUILDING
700 (D)
FF=±132.5

BUILDING
500 (E)
FF=±132.8

BUILDING
100 (C)
FF=±132.6

EXTERIOR DOOR LANDING AND DOOR MANEUVERING CLEARANCE SURFACE SHALL NOT EXCEED 2% SLOPE IN ALL DIRECTIONS TYP.

CONDENSATE DRAIN AND DRY WELL PER PLUMBING PLAN

CONNECT END OUTLETS WITH 3" PVC PIPE

NOTE:
CONTRACTOR TO REFER TO ARCHITECTURE PLAN FOR LOCATIONS OF PROPOSED DOWNSPOUT CONNECTION IMPROVEMENTS.
ALSO, SEE ARCHITECTURE DETAIL FOR DOWNSPOUT TERMINATION AT INLET ON SHEET AX-921.

0 10 20 30 feet
1"=10'

SEE SHEET C-3.1
FOR CONTINUATION

GENERAL NOTES

1. REFER TO ARCHITECTURE PLANS FOR INSTALLATION AND LOCATION OF FENCING AND GATES FOR THE MECHANICAL UNITS.
2. SEE DEMOLITION PLAN ON SHEET C-2.1 FOR DEMOLITION OF EXISTING IMPROVEMENTS INCLUDING BUT NOT LIMITED TO HARDSCAPE, CONCRETE LANDINGS, AND FEATURES.
3. SLOPE INTERNAL HARDSCAPE, (WALKWAYS AND SIDEWALKS) AT 2% MAX CROSS SLOPE AND AT 5% MAX RUNNING SLOPE.
4. ALL EXISTING UTILITY BOXES, STRUCTURES, MANHOLES AND VALVES WITHIN THE LIMIT OF WORK SHALL BE ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL PROVIDE ALL FITTINGS AND APPURTENANCES REQUIRED TO REINSTALL AND RECONSTRUCT ANY/ALL UTILITIES AS A RESULT OF CONSTRUCTION.
6. ALL EXTERIOR BUILDING LANDINGS SHALL HAVE A MAX SLOPE OF 2% IN ANY DIRECTION.
7. SEE EROSION CONTROL PLAN AND DETAILS ON SHEET C-8.1.

CONSTRUCTION NOTES

1. CONSTRUCT REINFORCED PEDESTRIAN CONCRETE PAVING PER DETAIL D ON SHEET C-3.1 TO NEAREST JOINT U.N.O., INSTALL CONCRETE JOINTS PER DETAIL B ON SHEET C-3.1 TO MATCH EX CONCRETE JOINT LOCATIONS U.N.O. PER PLAN.
2. CONSTRUCT MIN. 3" AC PAVING WITH MIN. 6" OF COMPACTED (95% OR BETTER) CLASS II AGGREGATE BASE (NO RECYCLED BASE).
3. CONSTRUCT EXTERIOR LANDINGS WITH DOOR THRESHOLDS PER DETAIL C ON SHEET C-3.1 U.N.O. PER FF AND FS GRADES.
4. CONSTRUCT PROPOSED PAD PER DETAIL 41 ON SHEET S-601 AND INSTALL EQUIPMENT PER MECHANICAL PLAN. REFER TO ARCHITECTURE PLAN FOR FENCE, POSTS, FOOTINGS, AND GATES.
5. DOWEL CONCRETE FLATWORK PER DETAIL A ON SHEET C-3.1.
6. INSTALL 3" PRO SERIES CHANNEL DRAIN WITH POLYPROPYLENE LIGHT TRAFFIC AND ADA COMPLIANT GRATE (OR APPROVED EQUAL) PER DETAIL E AND F ON SHEET C-3.2 (LENGTH PER PLAN). CONNECT TO DRYWELL PER PLUMBING PLAN AND DETAIL 3/P-001.

LEGEND

- PROPERTY LINE
- SAWCUT LIMIT
- GRADE BREAK
- PROPOSED CONTROL JOINT
- PROPOSED EXPANSION JOINT
- PROPOSED AC PAVING
- PROPOSED PEDESTRIAN CONCRETE PAVING PROVIDE TURNDOWN EDGE WHEN ADJACENT TO PLANTING OR NEW AC PAVING
- EXISTING BUILDING
- PROPOSED CONCRETE MECHANICAL PAD FOOTPRINT

NDS

PRO SERIES CHANNEL DRAINS

3" Pro Series Channel™ Drains

CHANNEL & TRENCH DRAINS

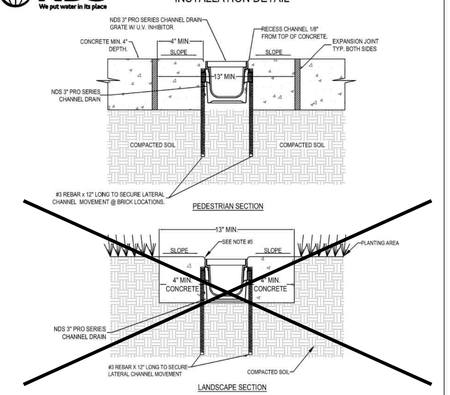
Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class	Specifications
704	3" x 1 Meter Light Traffic Channel Grate & Channel Drain Kit Includes 1 end outlet (#713) and 1 end cap (#712). Bottom and end outlets fit 3" SxO fittings. Grate should be recessed 1/8" below finish grade in non-traffic applications. Slots should be recessed 1/4" in traffic applications. see page 76, ADA Compliant.	Light Gray	10	3.50	25IN	3" wide Light Traffic Channel Grate & Channel Drain with mechanical interlocking joints and UV inhibitors. Open surface area 23.63 square inches per foot. 76.65 GPM per foot.
710	3" x 1 Meter Channel Drain*	Light Gray	12	1.90	25IN	3" wide Light Traffic Channel with mechanical interlocking joints and UV inhibitors. Polypropylene. Bottom outlet fits 3" SxO fittings. Grate should be recessed 1/8" below finish grade in non-traffic applications. Slots should be recessed 1/4" in traffic applications. *Produced under license of First Post S.R.L. - Italy see page 78, ADA Compliant.
714	3" x 20" Light Traffic Channel Grate*	Light Gray	24	9.70	25IN	3" wide Light Traffic Channel Grate. Open surface area 23.63 square inches per foot. 72.29 GPM per foot. Polypropylene. Requires 4 #229 screws. *Produced under license of First Post S.R.L. - Italy see page 78, ADA Compliant.
713	3" End Cap/End Outlet	Light Gray	12	0.10	25IN	3" Channel End Cap/End Outlet. Polypropylene. Fits 3" Fittings.
712	3" End Cap	Light Gray	20	0.05	25IN	3" Channel End Cap. Polypropylene.
229	Stainless Steel Screws FH M6 x 1"	Steel	48	0.06	25PF	

E CHANNEL DRAIN CUTSHEET SPEC
SCALE: NTS

PROJECT NAME: | FILE # ID_PS_3IN_LANDSCAPE_PEDESTRIAN

NDS
We put water in its place

INSTALLATION DETAIL



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. EXPANSION AND CONTRACTION CONTROL JOINTS ARE RECOMMENDED TO PROTECT THE CHANNEL AND SURROUNDING CONCRETE. CONSULT WITH AN ENGINEER NECESSARY.
3. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 4000 PSI AND VIBRATION TO ELIMINATE AIR POCKETS IS RECOMMENDED.
4. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS AND CONTRACTORS FOR PLANNING PURPOSES.
5. RECESS CHANNEL/GRATE (1/8") FOR PEDESTRIAN TRAFFIC.
6. DRAWING IS NOT TO SCALE.

F 3" PRO SERIES CHANNEL DRAIN SYSTEM INSTALLATIO DETAIL
SCALE: NTS

FOR PRODUCT ASSISTANCE, CONTACT NDS TECHNICAL SERVICE AT ltechservice@ndspro.com. DESIGN ASSISTANCE: designworx@ndspro.com
851 N. HARVARD AVE. LINDSAY, CA 93247 WWW.NDSPRO.COM 1-800-726-1994

SAVE DATE: 5/6/2021 8:14 AM TEMPLATE: QMS-TMP-8.3-05 REV 1.0 - 3/24/2020

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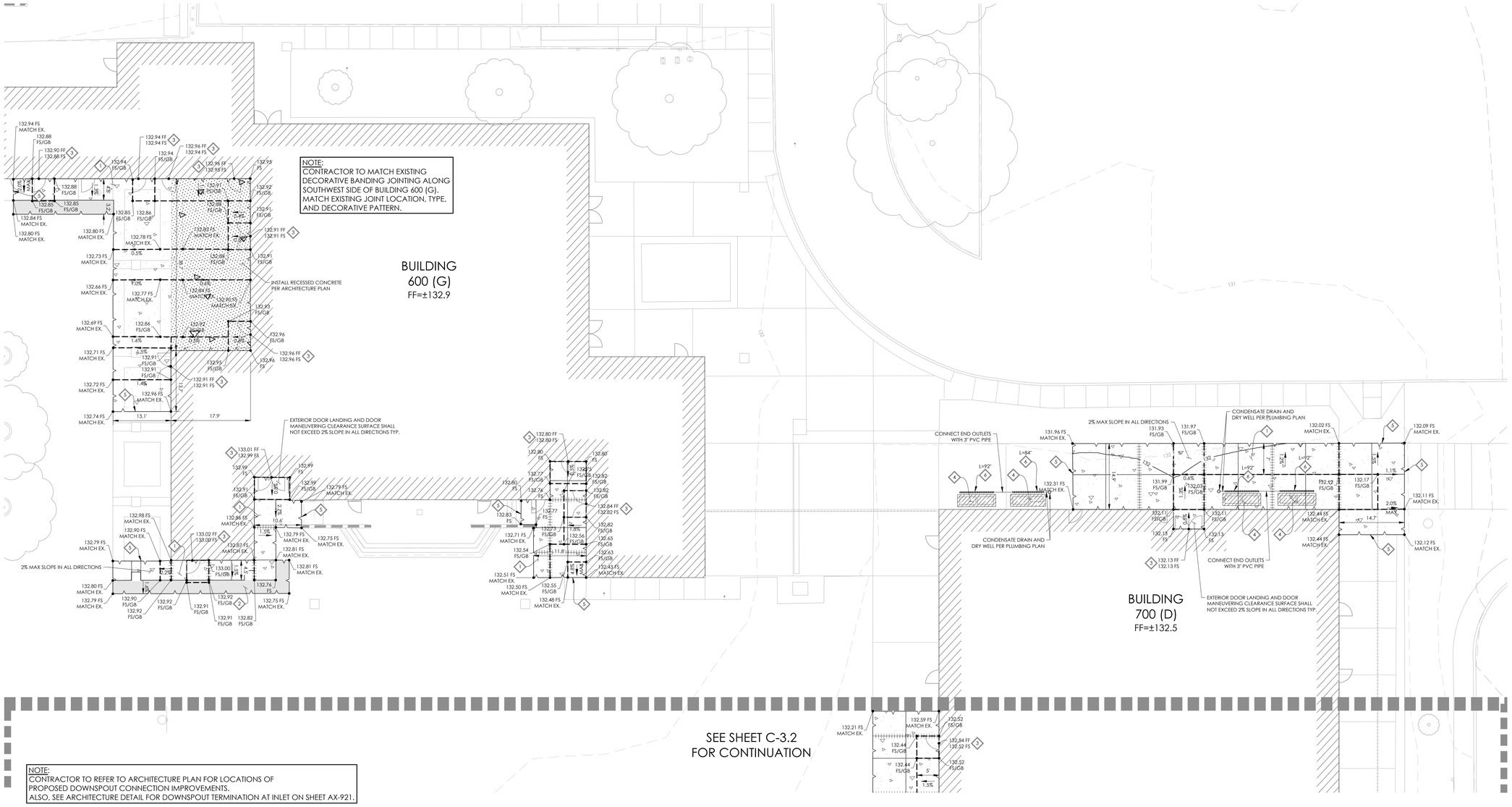
N:\0001\01\00-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Engineering\ConrDocs\Sheet Files\C-3x_Construction Plan.dwg C-3.2 Feb 20, 2026 7:18am kcarbajal



GENERAL NOTES

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2. SEE DEMOLITION PLAN ON SHEET C-2.1 FOR DEMOLITION OF EXISTING IMPROVEMENTS INCLUDING BUT NOT LIMITED TO HARDSCAPE, CONCRETE LANDINGS, AND FEATURES.
3. SLOPE INTERNAL HARDSCAPE, (WALKWAYS AND SIDEWALKS) AT 2% MAX CROSS SLOPE AND AT 5% MAX RUNNING SLOPE.
4. ALL EXISTING UTILITY BOXES, STRUCTURES, MANHOLES AND VALVES WITHIN THE LIMIT OF WORK SHALL BE ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL PROVIDE ALL FITTINGS AND APPURTENANCES REQUIRED TO REINSTALL AND RECONSTRUCT ANY/ALL UTILITIES AS A RESULT OF CONSTRUCTION.
6. ALL EXTERIOR BUILDING LANDINGS SHALL HAVE A MAX SLOPE OF 2% IN ANY DIRECTION.
7. SEE EROSION CONTROL PLAN AND DETAILS ON SHEET C-8.1.

CONSTRUCTION NOTES

1. CONSTRUCT REINFORCED PEDESTRIAN CONCRETE PAVING PER DETAIL D ON SHEET C-3.1 TO NEAREST JOINT U.N.O., INSTALL CONCRETE JOINTS PER DETAIL B ON SHEET C-3.1 TO MATCH EX CONCRETE JOINT LOCATIONS U.N.O. PER PLAN.
2. CONSTRUCT MIN. 3" AC PAVING WITH MIN. 6" OF COMPACTED (95% OR BETTER) CLASS II AGGREGATE BASE (NO RECYCLED BASE).
3. CONSTRUCT EXTERIOR LANDINGS WITH DOOR THRESHOLDS PER DETAIL C ON SHEET C-3.1 U.N.O. PER FF AND FS GRADES.
4. CONSTRUCT PROPOSED PAD PER DETAIL 41 ON SHEET S-601 AND INSTALL EQUIPMENT PER MECHANICAL PLAN. REFER TO ARCHITECTURE PLAN FOR FENCE, POSTS, FOOTINGS, AND GATES.
5. DOWEL CONCRETE FLATWORK PER DETAIL A ON SHEET C-3.1.
6. INSTALL 3" PRO SERIES CHANNEL DRAIN WITH POLYPROPYLENE LIGHT TRAFFIC AND ADA COMPLIANT GRATE (OR APPROVED EQUAL) PER DETAIL E AND F ON SHEET C-3.2 (LENGTH PER PLAN). CONNECT TO DRYWELL PER PLUMBING PLAN AND DETAIL 3/P-001.

LEGEND

- PROPERTY LINE
- SAWCUT LIMIT
- GRADE BREAK
- PROPOSED CONTROL JOINT
- PROPOSED EXPANSION JOINT
- PROPOSED AC PAVING
- PROPOSED PEDESTRIAN CONCRETE PAVING PROVIDE TURNDOWN EDGE WHEN ADJACENT TO PLANTING OR NEW AC PAVING
- EXISTING BUILDING
- PROPOSED CONCRETE MECHANICAL PAD FOOTPRINT
- PROPOSED RECESSED CONCRETE PER ARCHITECTURE PLAN

0 10 20 30 feet
1"=10'

IDENTIFICATION STAMP
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APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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REGISTERED PROFESSIONAL ENGINEER
ROBERT A. CAMACHO
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STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

CONSTRUCTION PLAN

NO.	REVISION	DATE

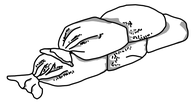
PROJECT MANAGER: RAG
DRAWN BY: KC
CHECKED BY:
DATE: DECEMBER 12, 2025
PROJECT NUMBER: 0100-06-ED24
SHEET: C-3.3

DSA SUBMITTAL

N:\0001\01\0100-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Engineering\ConstDocs\Sheet-Files\C-3.x_Construction Plan.dwg, C-3.3, Feb 20, 2026 7:18am, kcarbajal

FILL GRAVEL BAGS ONE HALF FULL WITH GRAVEL.

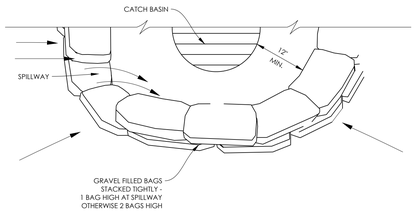
GATHER TOP OF GRAVEL BAG AND TIE SECURELY WITH HEAVY STRING.



CARE SHOULD BE TAKEN TO STACK GRAVEL BAGS IN ACCORDANCE WITH THE ILLUSTRATIONS. STAMP EACH GRAVEL BAG INTO PLACE. COMPLETING EACH LAYER PRIOR TO STARTING THE NEXT LAYER.

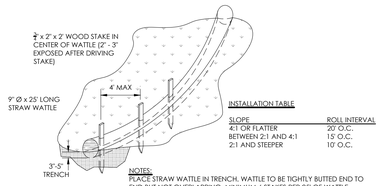
GRAVEL BAG INSTALLATION

SCALE: N.T.S.



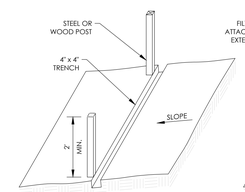
CATCH BASIN INLET SEDIMENT BARRIER SE-10 (SEE GRAVEL BAG DETAIL)

SCALE: N.T.S.

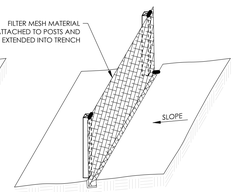


STRAW WATTLE DETAIL SE-5

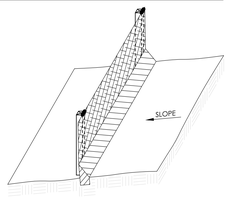
SCALE: N.T.S.



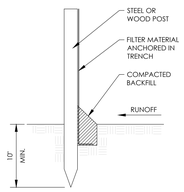
1 - SET POSTS & EXCAVATE TRENCH



2 - INSTALL FILTER FABRIC



3 - BACKFILL TRENCH



4 - CROSS SECTION OF INSTALLED FILTER FABRIC

SILT FENCE CONSTRUCTION DETAIL SE-1

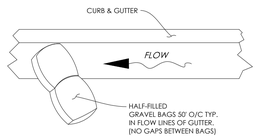
SCALE: N.T.S.

NOTES:

1. ALL CONCRETE TRUCKS AND FINISHING TOOLS SHALL BE WASHED AT THE WASH OFF AREA.
2. ALL CONCRETE WASTE COLLECTED IN WASH OFF AREA SHALL BE RECYCLED OR APPROPRIATELY DISPOSED OF OFF-SITE.
3. LOCATION AND SIZE OF WASH-OFF AREA MAY BE ADJUSTED TO ACCOMMODATE SITE CONDITIONS.

TYPICAL CONCRETE WASH-OFF AREA SECTION WM-8

SCALE: N.T.S.



GRAVEL BAGS IN FLOW LINE DETAIL SE-6 (SEE GRAVEL BAG DETAIL)

SCALE: N.T.S.

CONSTRUCTION SPECIFICATIONS:

- THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (0.9 M). STORAGE HEIGHT AND PONDING HEIGHT SHALL NEVER EXCEED 18 INCHES (0.5 M).
- THE FENCE LINE SHALL FOLLOW THE CONTOUR AS CLOSELY AS POSSIBLE. IF POSSIBLE, THE FILTER FABRIC SHALL BE CUT FROM A CONTINUOUS ROLL TO AVOID THE USE OF JOINTS.
- JOINTS, WHEN NECESSARY, SHALL BE SPLICED ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH (0.2 M) OVERLAP AND BOTH ENDS SECURELY FASTENED TO THE POST.
- POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET (3.1 M) APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES (0.3M)). WHEN EXTRA-STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET (1.8 M).
- TURN THE ENDS OF THE FENCE UPHILL.
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES (101 MM) WIDE AND 6 INCHES (0.2 M) DEEP ALONG THE LINE OF POSTS AND UP-SLOPE FROM THE BARRIER.
- WHEN STANDARD-STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UP-SLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH (25.4 MM) LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES (51MM) ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS.
- THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE TOE OF THE FILTER FABRIC.
- SILT FENCES PLACED AT THE TOE OF A SLOPE SHALL BE SET AT LEAST 6 FEET (1.8 M) FROM THE TOE IN ORDER TO INCREASE PONDING VOLUME.
- SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED AND ANY SEDIMENT STORED BEHIND THE SILT FENCE HAS BEEN REMOVED.

INSPECTION MAINTENANCE:

- SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED WEEKLY AFTER EACH SIGNIFICANT STORM (1 INCH (25.4 MM) IN 24 HOURS). ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- SEDIMENT SHOULD BE REMOVED WHEN IT REACHES ½ HEIGHT OF THE FENCE OR 9 INCHES (0.3 M) MAXIMUM.
- THE REMOVED SEDIMENT SHALL CONFORM WITH THE EXISTING GRADE AND BE VEGETATED OR OTHERWISE STABILIZED.

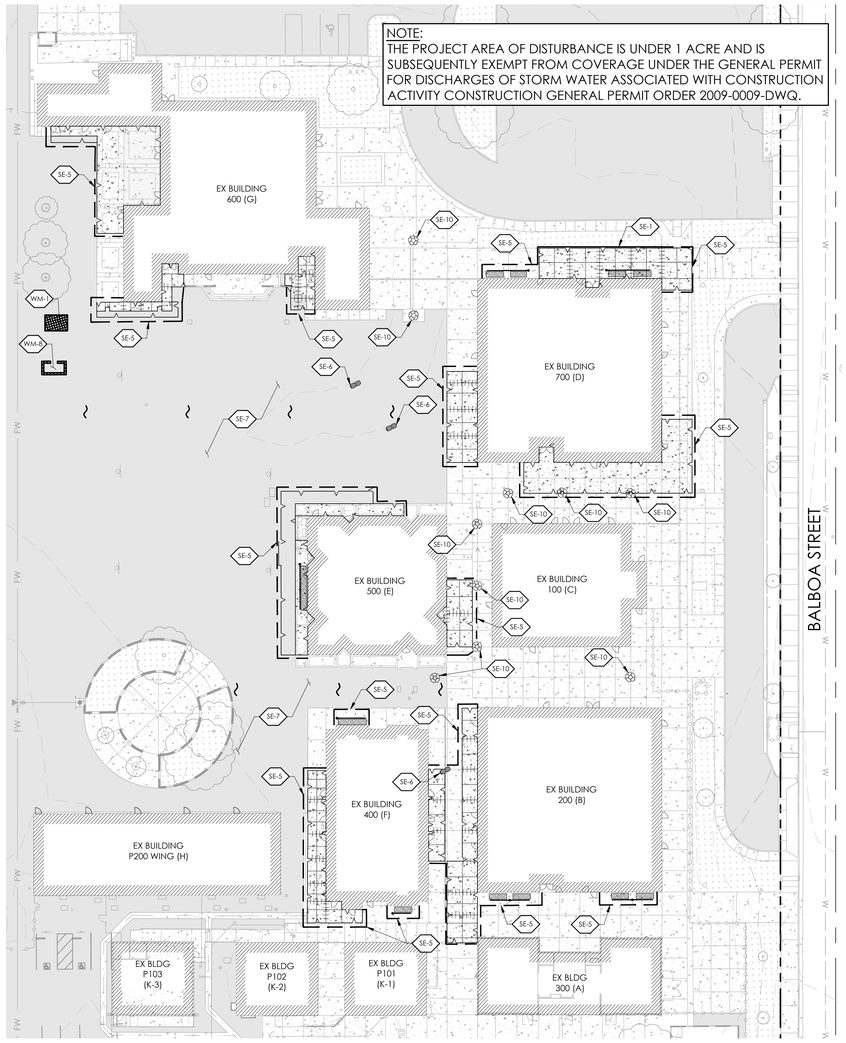
CONTRACTOR'S NOTES:

1. CONTRACTOR SHALL PREVENT WATER CONTAMINATION DURING CONSTRUCTION BY IMPLEMENTING THE FOLLOWING CONSTRUCTION SITE MEASURES:
   - A. ALL ENTRANCES/EXITS TO THE CONSTRUCTION SITE SHALL BE STABILIZED USING METHODS DESIGNED TO REDUCE TRANSPORT OF SEDIMENT OFF SITE.
   - B. STABILIZING MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO USE OF GRAVEL PADS, STEEL RUMBLE PLATES, TEMPORARY PAVING, ETC.
   - C. ANY SEDIMENT OR OTHER MATERIALS TRACKED OFF SITE SHALL BE REMOVED THE SAME DAY AS THEY ARE TRACKED USING DRY CLEANING METHODS.
   - D. ENTRANCES/EXITS SHALL BE MAINTAINED UNTIL GRADED AREAS HAVE BEEN STABILIZED BY STRUCTURES, LONG-TERM EROSION CONTROL MEASURES OR LANDSCAPING.
   - E. APPLY CONCRETE, ASPHALT, AND SEAL COAT ONLY DURING DRY WEATHER.
   - F. COVER STORM DRAINS AND MANHOLES WITHIN THE CONSTRUCTION AREA WHEN PAVING OR APPLYING SEAL COAT, SLURRY, FOG SEAL, ETC.
   - G. STORE, HANDLE AND DISPOSE OF CONSTRUCTION MATERIALS AND WASTE SUCH AS PAINT, MORTAR, CONCRETE SLURRY, FUELS, ETC. IN A MANNER WHICH MINIMIZES THE POTENTIAL FOR STORM WATER CONTAMINATION.
2. WITHIN 30 DAYS OF COMPLETION OF GRADING ACTIVITIES, CONTRACTOR SHALL USE HYDRO-SEED, STRAW BLANKETS, GEOTEXTILE BINDING FABRICS OR OTHER P&D APPROVED METHODS AS NECESSARY TO HOLD SLOPE SOILS UNTIL LANDSCAPE VEGETATION IS ESTABLISHED. P&D MAY REQUIRE THE RESEEDING OF SURFACES GRADED FOR THE PLACEMENT OF STRUCTURES IF CONSTRUCTION DOES NOT COMMENCE WITHIN 30 DAYS OF GRADING.
3. CONTRACTOR SHALL DESIGNATE A CONSTRUCTION EQUIPMENT FILLING AND STORAGE AREA(S) TO CONTAIN SPILLS. FACILITATE CLEAN-UP AND PROPER DISPOSAL AND PREVENT CONTAMINATION FROM DISCHARGING TO THE STORM DRAINS, STREET, DRAINAGE DITCHES, CREEKS, OR WETLANDS. THE AREAS SHALL BE NO LARGER THAN 50 X 50 FOOT UNLESS OTHERWISE APPROVED BY P&D AND SHALL BE LOCATED AT LEAST 100 FEET FROM ANY STORM DRAIN, WATER BODY OR SENSITIVE BIOLOGICAL RESOURCES.
4. GRADING AND EROSION AND SEDIMENT CONTROL PLANS SHALL BE DESIGNED TO MINIMIZE EROSION DURING CONSTRUCTION AND SHALL BE IMPLEMENTED FOR THE DURATION OF THE GRADING PERIOD AND UNTIL RE-GRADED AREAS HAVE BEEN STABILIZED BY STRUCTURES, LONG-TERM EROSION CONTROL MEASURES OR PERMANENT LANDSCAPING.
5. THESE MEASURES ARE REQUIRED FOR ALL PROJECTS INVOLVING EARTHMOVING ACTIVITIES REGARDLESS OF THE PROJECT SIZE OR DURATION. PROPER IMPLEMENTATION OF THESE MEASURES IS ASSUMED TO FULLY MITIGATE FUGITIVE DUST EMISSIONS. DURING CONSTRUCTION, USE WATER TRUCKS OR SPRINKLER SYSTEMS TO KEEP ALL AREAS OF VEHICLE MOVEMENT DAMP ENOUGH TO PREVENT DUST FROM LEAVING THE SITE. AT A MINIMUM, THIS SHOULD INCLUDE WETTING DOWN SUCH AREAS IN THE LATE MORNING AND AFTER WORK IS COMPLETED FOR THE DAY. INCREASED WATERING FREQUENCY SHOULD BE REQUIRED WHENEVER THE WIND SPEED EXCEEDS 15 MPH. RECLAIMED WATER SHOULD BE USED WHENEVER POSSIBLE. HOWEVER, RECLAIMED WATER SHOULD NOT BE USED IN OR AROUND CROPS FOR HUMAN CONSUMPTION. MINIMIZE AMOUNT OF DISTURBED AREA AND REDUCE ON SITE VEHICLE SPEEDS TO 15 MPH OR LESS. IF IMPORTATION, EXPORTATION AND STOCKPILING OF FILL MATERIAL IS INVOLVED, SOIL STOCKPILED FOR MORE THAN TWO DAYS SHALL BE COVERED, KEPT MOIST, OR TREATED WITH SOIL BINDERS TO PREVENT DUST GENERATION. TRUCKS TRANSPORTING FILL MATERIAL TO AND FROM THE SITE SHALL BE TARPED FROM THE POINT OF ORIGIN. GRAVEL PADS SHALL BE INSTALLED AT ALL ACCESS POINTS TO PREVENT TRACKING OF MUD ONTO PUBLIC ROADS. AFTER CLEARING, GRADING, EARTH MOVING OR EXCAVATION IS COMPLETED, TREAT THE DISTURBED AREA BY WATERING, OR REVEGETATING, OR BY SPREADING SOIL BINDERS UNTIL THE AREA IS PAVED OR OTHERWISE DEVELOPED SO THAT DUST GENERATION WILL NOT OCCUR.
6. THE CONTRACTOR OR BUILDER SHALL DESIGNATE A PERSON OR PERSONS TO MONITOR THE DUST CONTROL PROGRAM AND TO ORDER INCREASED WATERING, AS NECESSARY, TO PREVENT TRANSPORT OF DUST OFFSITE. THEIR DUTIES SHALL INCLUDED HOLIDAY AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS. THE NAME AND TELEPHONE NUMBER OF SUCH PERSONS SHALL BE PROVIDED TO THE AIR POLLUTION CONTROL DISTRICT PRIOR TO LAND USE CLEARANCE FOR MAP RECORDATION AND LAND USE CLEARANCE FOR FINISH GRADING OF THE STRUCTURE.

SITE SPECIFIC BMP NOTES:

1. PERIMETER CONTROL BMP'S AND STABILIZED CONSTRUCTION ENTRANCES SHALL BE IN PLACE PRIOR TO ANY GROUND DISTURBANCE.
2. THESE PLANS ARE INTENDED TO REPRESENT DIFFERENT PHASES DURING CONSTRUCTION. THE CONTRACTOR SHALL IMPLEMENT THE BMP'S SHOWN AND/OR ANY OTHER MEASURES NECESSARY DURING CONSTRUCTION TO BE IN COMPLIANCE WITH THE GENERAL PERMIT. IMPLEMENTATION OF THE THE BMP'S SHOWN ON THESE PLANS DO NOT RELIEVE THE OWNER OR HIS/HER REPRESENTATIVE FROM RESPONSIBILITY OF IMPLEMENTING ALL MEASURES NEEDED TO BE IN COMPLIANCE.
3. THE CONTRACTOR SHALL USE CLASS II BASE FOR THE STABILIZED CONSTRUCTION ROADWAY OR ALTERNATE METHODS THAT ACHIEVE THE DESIRED RESULTS. THIS BMP SHALL BE IMPLEMENTED TO ALL BUILDING PADS PRIOR TO VERTICAL CONSTRUCTION, OR AS SOON AS PRACTICAL.
4. THE CONTRACTOR MAY UTILIZE RUMBLE PLATES IN LIEU OF RIP RAP AT THE CONSTRUCTION ENTRANCES AS LONG AS THEY ACCOMPLISH THE DESIRED RESULTS.
5. ANY SEDIMENTS TRACKED OFFSITE SHALL BE CLEANED DAILY BY MEANS OF MOBILE STREET SWEEPERS.
6. ANY GRADED AREAS THAT ARE GOING TO SIT IDLE FOR MORE THAN TWO WEEKS, SHALL HAVE AN APPROPRIATE GROUND COVER BMP APPLIED.
7. THE LOCATIONS SHOWN FOR THE EQUIPMENT AND MATERIAL DELIVERY STORAGE AREAS AND CONCRETE WASTE CLEANOUT MAY BE RELOCATED DURING CONSTRUCTION.

NOTE:
THE PROJECT AREA OF DISTURBANCE IS UNDER 1 ACRE AND IS SUBSEQUENTLY EXEMPT FROM COVERAGE UNDER THE GENERAL PERMIT FOR DISCHARGES OF STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY CONSTRUCTION GENERAL PERMIT ORDER 2009-0009-DWQ.



BMP LEGEND

CASQA NUMBER	DESCRIPTION	LINE TYPE / SYMBOL
SE-1	SILT FENCE	
SE-5	STRAW WATTLE	
SE-6	GRAVEL BAGS	
SE-7	STREET SWEEPING/VACUUMING	
SE-10	STORM DRAIN INLET PROTECTION	
WM-1	MATERIAL DELIVERY & STORAGE AREA CONSTRUCTION STAGING AREA	
WM-8	CONCRETE WASTE MANAGEMENT	

0 30 60 90 feet
1"=30'

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APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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ROBERT A. CAMACHO
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CIVIL
STATE OF CALIFORNIA

CONSULTANT

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

EROSION CONTROL PLAN AND DETAILS

NO.	REVISION	DATE

PROJECT MANAGER: RAG
DRAWN BY: KC
CHECKED BY:
DATE: DECEMBER 12, 2025
PROJECT NUMBER: 0100-06-ED24
SHEET: C-8.1

N:\0001\0100-06-ED24-CL Smith-Elem-Modernizations-Phase-2\Engineering\ConDocs\Sheet-Files\C-4.x_Erosion Control Plan.dwg, C-4.1, Feb 20, 2026, 7:18am, kcadbagi

1 ARCHITECTURAL SITE PLAN

AS-101 SCALE: 1" = 30'-0"

SITE PLAN NOTES

1. REFER TO CIVIL, LANDSCAPE, AND ELECTRICAL SITE PLAN FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO PERFORM TRADE COORDINATION AND LAY OUT CANOPY AND FENCE FOOTINGS HORIZONTALLY AND VERTICALLY AND IN CONJUNCTION WITH PROPOSED UNDERGROUND UTILITIES. NOTIFY ARCHITECT OF POTENTIAL CONFLICT PRIOR TO INSTALLATION.

KEYNOTES

LEGEND

- BUILDING OR PORTION OF BUILDING - EXISTING TO BE MODERNIZED
- BUILDING EXISTING TO REMAIN
- EXISTING FENCE LINE

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JONATHAN HOWLES
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

ARCHITECTURAL SITE PLAN

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: AS-101

DSA SUBMITTAL

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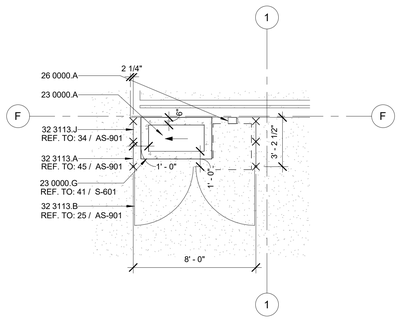
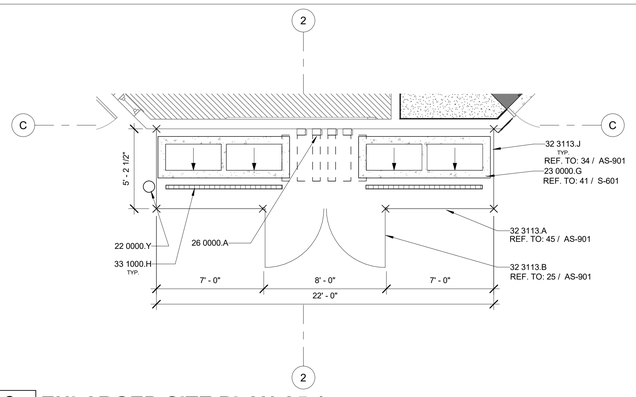


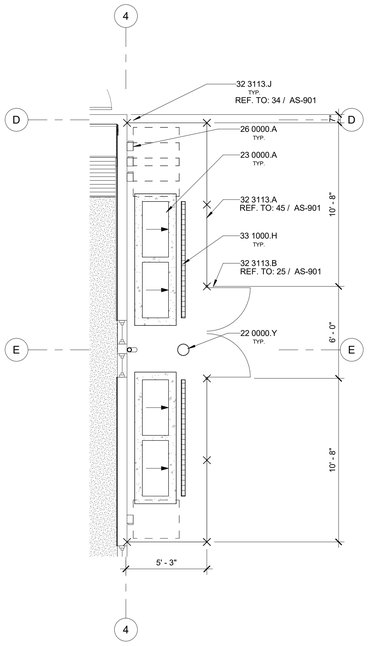
5 ENLARGED SITE PLAN 6.1

A6-102 | AS-102 SCALE: 1/4" = 1'-0"



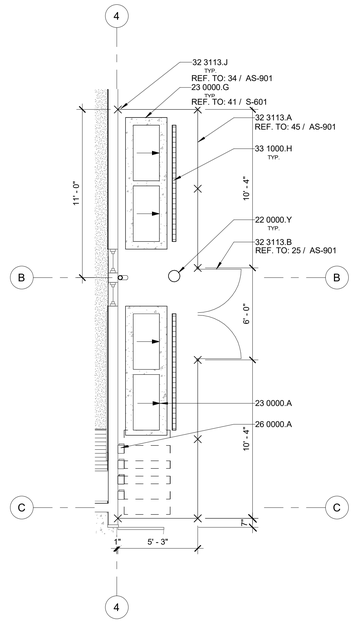
6 ENLARGED SITE PLAN A5.1

A5-101 | AS-102 SCALE: 1/4" = 1'-0"



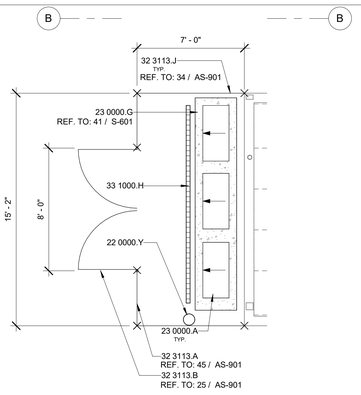
2 ENLARGED SITE PLAN A2.2

A2-101 | AS-102 SCALE: 1/4" = 1'-0"



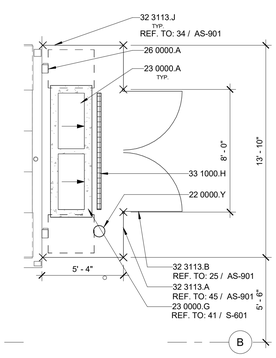
1 ENLARGED SITE PLAN A2.1

A2-101 | AS-102 SCALE: 1/4" = 1'-0"



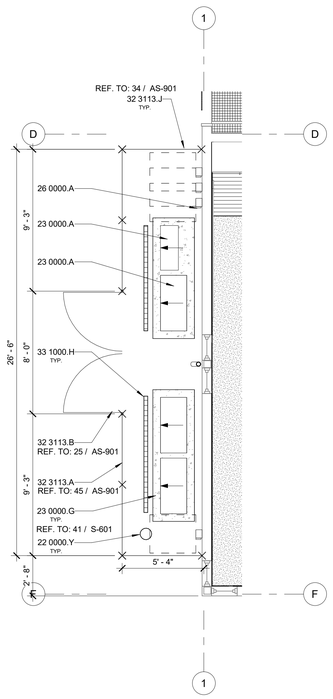
7 ENLARGED SITE PLAN A4.1

A4-101 | AS-102 SCALE: 1/4" = 1'-0"



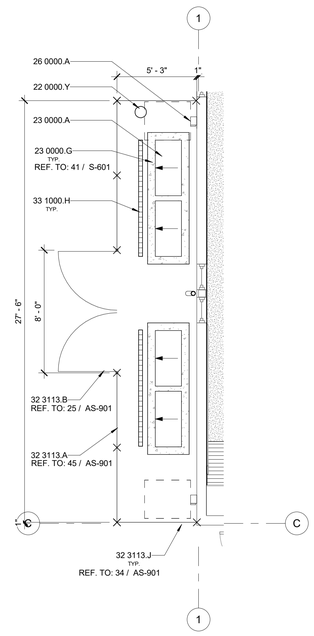
8 ENLARGED SITE PLAN A4.2

A4-101 | AS-102 SCALE: 1/4" = 1'-0"



4 ENLARGED SITE PLAN A7.2

A7-101 | AS-102 SCALE: 1/4" = 1'-0"



3 ENLARGED SITE PLAN A7.1

A7-101 | AS-102 SCALE: 1/4" = 1'-0"

SITE PLAN NOTES

1. REFER TO CIVIL, LANDSCAPE, AND ELECTRICAL SITE PLAN FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO PERFORM TRADE COORDINATION AND LAY OUT CANOPY AND FENCE FOOTINGS HORIZONTALLY AND VERTICALLY AND IN CONJUNCTION WITH PROPOSED UNDERGROUND UTILITIES. NOTIFY ARCHITECT OF POTENTIAL CONFLICT PRIOR TO INSTALLATION.

KEYNOTES

22 0000.Y	DRYWELL, REFER TO PLUMBING.
23 0000.A	MECHANICAL EQUIPMENT. REFER TO MECHANICAL 6 / M-021
23 0000.G	MECHANICAL EQUIPMENT PAD
26 0000.A	ELECTRICAL DISCONNECT. REFER TO ELECTRICAL.
32 3113.A	6 'CHAIN LINK FENCE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.
32 3113.B	6' CHAIN LINK GATE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.
32 3113.J	CHAIN LINK FENCE CANTILEVER.
33 1000.H	TRENCH DRAIN, SEE CIVIL

LEGEND

EQUIPMENT CLEARANCE

SLOPED TOP OF CONC HOUSEKEEPING PAD. 1/4" PER 12" SLOPE MECH UNITS TO BE INSTALLED LEVEL, REFER TO MECH

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DSA APP. #: 03-125575
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STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
ARCHITECTURAL SITE PLANS - ENLARGED MECH. YARDS

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: AS-102

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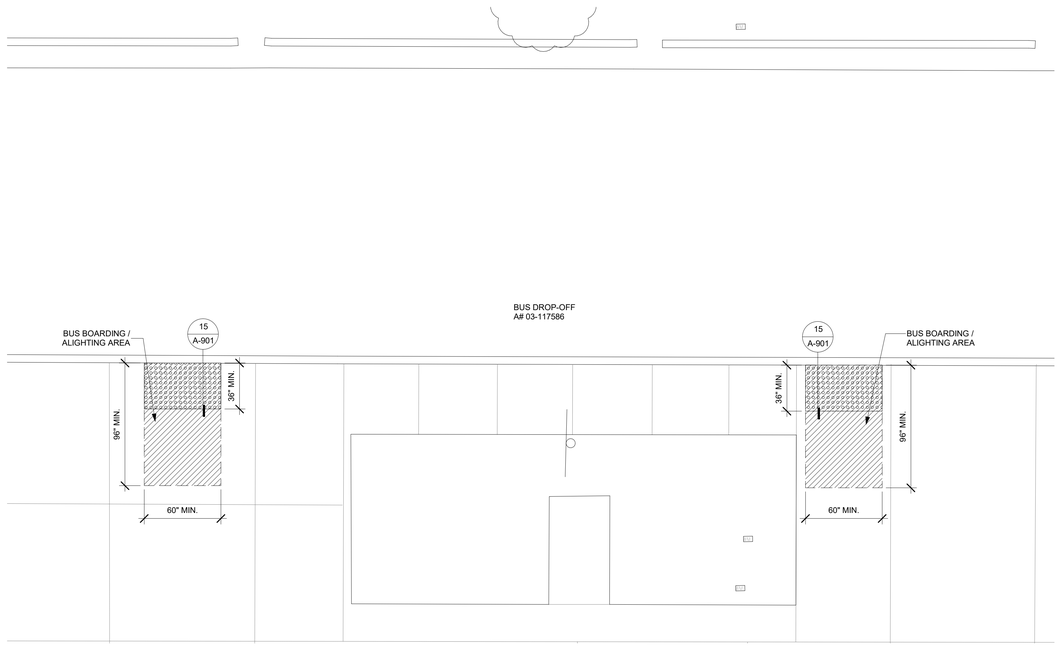
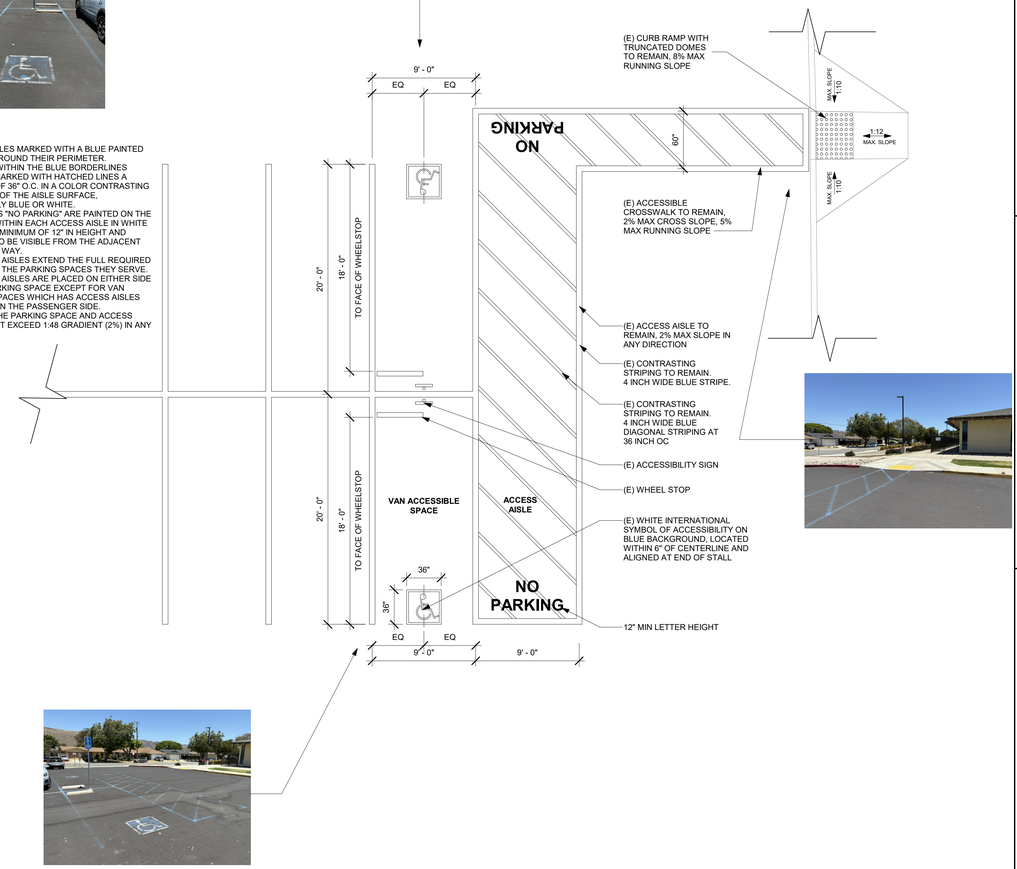


62 ENLARGED SITE PLAN - BUS DROP-OFF

G-402 | A0-901 SCALE: 1/4" = 1'-0"

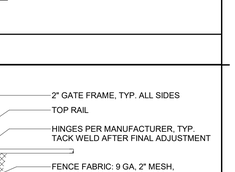
NOTES:

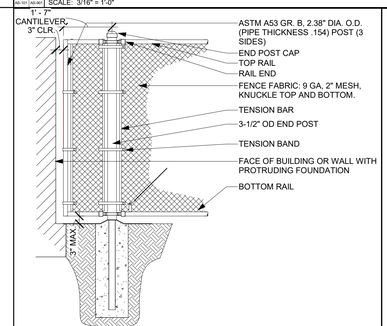
1. (E) ACCESS AISLES MARKED WITH A BLUE PAINTED BORDERLINE AROUND THEIR PERIMETER.
   - THE AREA WITHIN THE BLUE BORDERLINES SHALL BE MARKED WITH HATCHED LINES A MAXIMUM OF 36" O.C. IN A COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE, PREFERABLY BLUE OR WHITE.
   - THE WORDS "NO PARKING" ARE PAINTED ON THE SURFACE WITHIN EACH ACCESS AISLE IN WHITE LETTERS A MINIMUM OF 12" IN HEIGHT AND LOCATED TO BE VISIBLE FROM THE ADJACENT VEHICULAR WAY.
   - (E) ACCESS AISLES EXTEND THE FULL REQUIRED LENGTH OF THE PARKING SPACES THEY SERVE.
   - (E) ACCESS AISLES ARE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR VAN PARKING SPACES WHICH HAS ACCESS AISLES LOCATED ON THE PASSENGER SIDE.
2. SURFACE OF THE PARKING SPACE AND ACCESS AISLE DOES NOT EXCEED 1:48 GRADIENT (2%) IN ANY DIRECTION.



32 (E) PARKING UNKNOWN, A#, TO BE CERTIFIED AS PART OF THIS SUBMITTAL

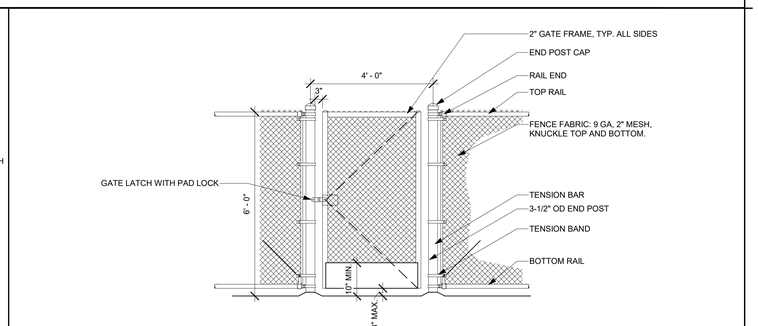
A0-101 | A0-901 SCALE: 3/16" = 1'-0"





34 CHAIN LINK FENCE AT BLDG.

A0-901 SCALE: 1/2" = 1'-0"



24 SINGLE CHAINLINK GATE- MAINTENANCE ACCESS

A0-901 SCALE: 1/2" = 1'-0"

45 CHAIN LINK FENCE

A0-901 SCALE: 1/2" = 1'-0"

25 DOUBLE SWING CHAINLINK GATE- MAINTENANCE ACCESS

A0-901 SCALE: 1/2" = 1'-0"

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ARCHITECTURAL SITE PLAN - DETAILS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER	JH
DRAWN BY	DP, SD, AS
CHECKED BY	JH/PC/AW
DATE	12/12/2025
PROJECT NUMBER	0100-06-ED24
SHEET	AS-901

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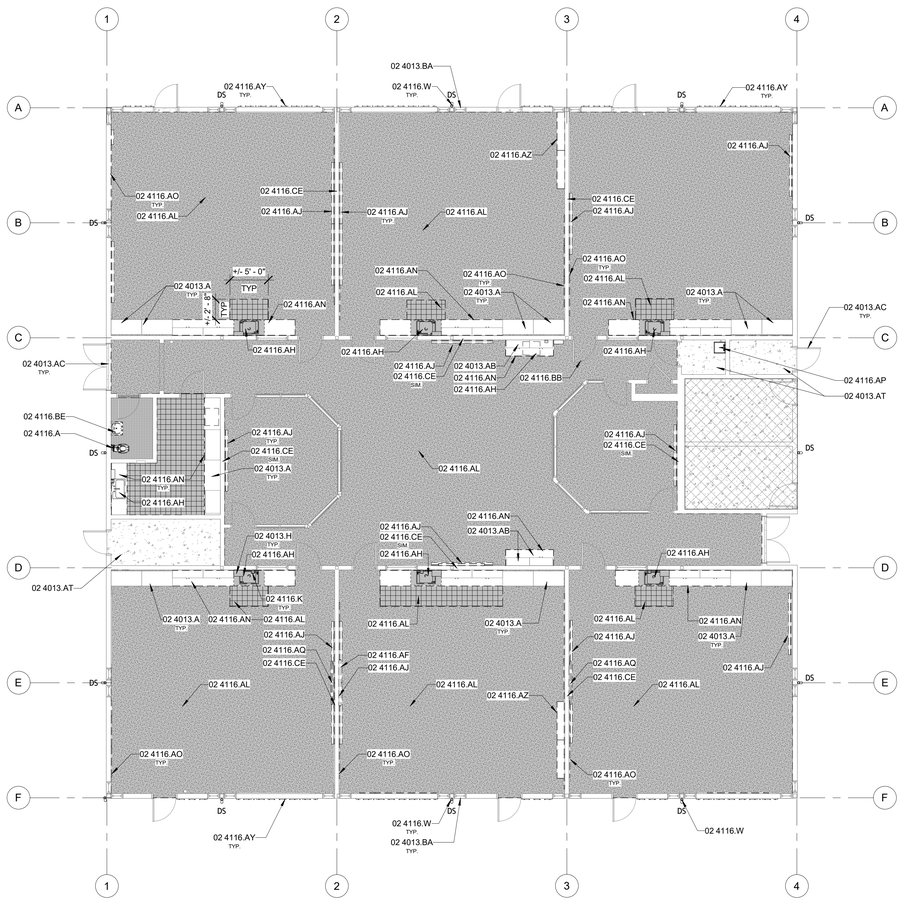
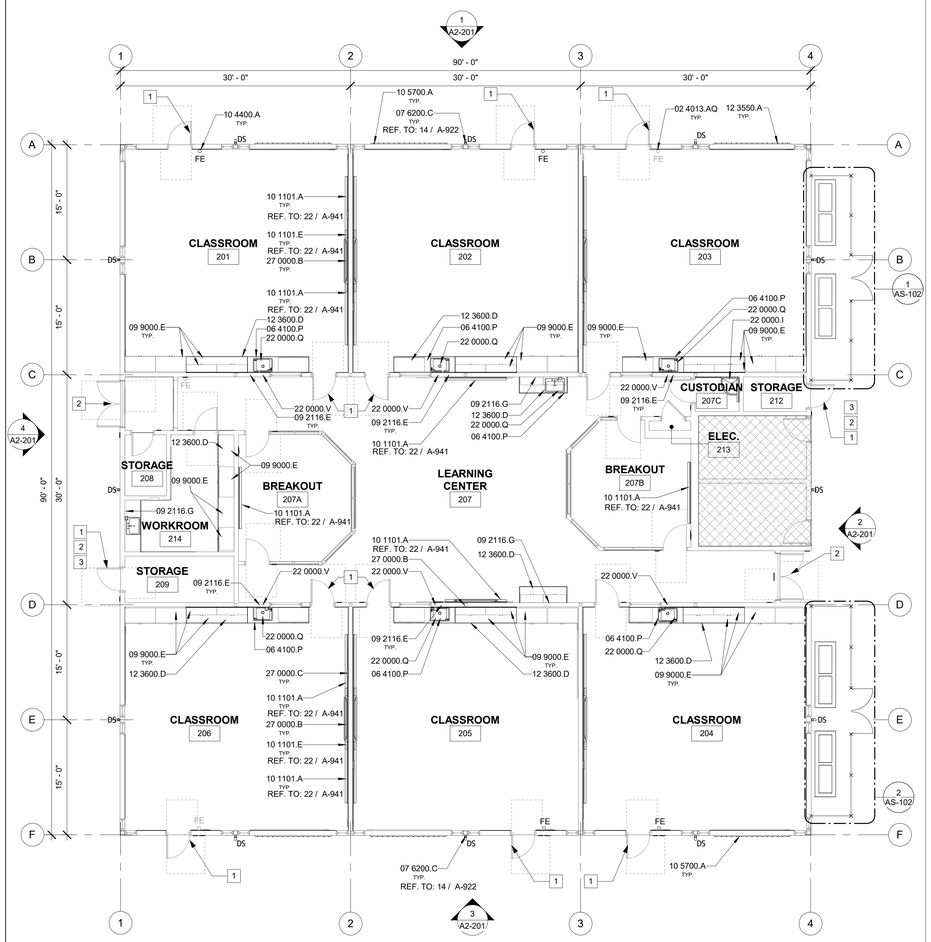


1 BUILDING 200 - FLOOR PLAN - DEMOLITION

A2-101 SCALE: 1/8" = 1'-0"



2 BUILDING 200 - FLOOR PLAN - PROPOSED

G-402 A2-101 SCALE: 1/8" = 1'-0"

(E) DOOR HARDWARE NOTES

1. REMOVE EXISTING LOCKSET. PREPARE DOOR AND PROVIDE NEW LOCKSET: SCHLAGE ND W/ 626 FINISH (OR EQUAL) AND 2X CORES: SCHLAGE 20-740 PRIMUS CORE (OR EQUAL). MATCH (E) DOOR LOCKSET FUNCTION
2. ADJUST EXISTING DOOR CLOSER TO COMPLY WITH CBC 11B-404.2.8 FOR CLOSING SPEED AND CBC 11B-404.2.9 FOR OPENING FORCE. PROVIDE NEW ALUMINUM SADDLE THRESHOLD AT EXISTING DOOR. MODEL ZERO 546 OR APPROVED EQUAL. INSTALL A BEAD OF BUTYL CAULK BEHIND FLANGE BEFORE INSTALL, TYP.
3. REMOVE AND REPLACE (E) DOOR PANEL. PROVIDE FLUSH HM DOOR PANEL PER SPECS TO FIT EXISTING FRAME. PROVIDE THE FOLLOWING HARDWARE IN ADDITION TO NOTES 1 AND 2 ABOVE:

3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188SBK PSA	BK	ZER
1	EA	FLOOR STOP	FS436/FS428 AS REQ'D	626	IVE

4. EXISTING DOOR REINSTALLED IN EXISTING FRAME WITH DOOR SWING FLIPPED AS SHOWN. PROVIDE NEW LOCKSET PER #1 ABOVE. REPLACE HINGES AS NECESSARY. MODIFY DOOR FRAME AS NEEDED FOR FLIPPED DOOR SWING
5. PROVIDE METAL LOUVER IN (E) DOOR PANEL.
6. REPLACE EXISTING DOOR CLOSER WITH CUSHION STOP CLOSER

LEGEND

- DEMO - INTERIOR - CARPET AND BASE
- DEMO - INTERIOR - LINOLEUM TILE AND BASE
- DEMO - INTERIOR - TILE AND BASE
- DEMO - AREA OF CASEWORK AND SINK REMOVED
- DEMO EXISTING PARTITION OR WALL FINISH
- PROTECT IN PLACE EXISTING
- EXISTING CONCRETE FLOOR TO REMAIN
- N.I.S. NOT IN SCOPE
- APPROXIMATE EXTENT OF EXISTING CONCRETE REMOVAL TO COMPLETE MEP SCOPE. SAWCUT AND REMOVE EXISTING SLAB AS NEEDED FOR SEWER AND ELECTRICAL SCOPE. PATCH BACK EXISTING CONCRETE AND SLAB. REFER TO MEP DRAWINGS FOR FULL SCOPE. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK. REF. TO: 23 / A-922
- FE — EXISTING FIRE EXTINGUISHER TO REMAIN. SEE INTERIOR ELEVATIONS.
- FE — FIRE EXTINGUISHER MOUNTED TO WALL. SEE INTERIOR ELEVATIONS. REF. TO: 24 / A-942
- FEC — EXISTING FIRE EXTINGUISHER WITH CABINET TO REMAIN. SEE INTERIOR ELEVATIONS.
- DS — DOWNSPOUT. REF. TO: 13 / A-922

FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM FOR FURTHER INFORMATION.
3. FLOOR PLAN DIMENSIONS ARE TO FACE OF FINISH UNLESS SPECIFICALLY NOTED OTHERWISE.
4. FOR INTERIOR ELEVATION TAGS, SEE FINISH & SIGNAGE FLOOR PLAN ON SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131.
5. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
6. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO GRAB BARS, FIXTURES, AND ACCESSORIES.
7. REFER TO SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131 ROOM FINISH SCHEDULES FOR EXISTING AND PROPOSED FINISHES.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE
02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
02 4013.AT	EXISTING FLOORING AND WALL BASE TO REMAIN
02 4013.BA	EXISTING WINDOW TO REMAIN AND BE RESCREENED WHERE APPLICABLE. PROTECT IN PLACE. TYP.
02 4013.H	EXISTING PAPER TOWEL DISPENSER TO BE REMOVED. TYP.
02 4116.A	EXISTING PLUMBING FIXTURE TO BE REMOVED. CAP UTILITIES.
02 4116.AF	EXISTING PROJECTOR SCREEN TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AH	EXISTING SINK AND SINK CABINET TO BE REMOVED. PROTECT ALL OTHER CABINETS AND PLUMBING IN PLACE, SEE PLUMBING PLANS. TYP.
02 4116.AJ	EXISTING MARKERBOARD TO BE REMOVED.
02 4116.AL	EXISTING FLOORING AND WALL BASE TO BE REMOVED. PROTECT IN PLACE EXISTING CONCRETE SLAB UNDERNEATH AND WALL BEHIND, ETC. TYP.
02 4116.AN	EXISTING COUNTERTOP AND BACKSPLASH TO BE REMOVED. TYP.
02 4116.AO	EXISTING TACKBOARD TO BE REMOVED. TYP.
02 4116.AP	EXISTING MOP SINK TO BE REMOVED.
02 4116.AQ	EXISTING WALL-MOUNTED TV AND BRACKET TO BE REMOVED.
02 4116.AY	EXISTING BAG HOOKS TO BE REMOVED. TYP.
02 4116.AZ	EXISTING BUILT-IN SHELF TO BE REMOVED
02 4116.BB	REMOVE EXISTING DOOR LEVERSET AND THRESHOLD, PREP FOR NEW HARDWARE.
02 4116.BE	EXISTING SINK TO BE REMOVED. CAP UTILITIES.
02 4116.CE	LOCALIZED REMOVAL OF INTERIOR GWB FOR TEACHING WALL INSTALLATION.
02 4116.K	EXISTING SOAP DISPENSER TO BE REMOVED. TYP.
02 4116.W	EXISTING WALL-MOUNTED DOWNSPOUT TO BE REMOVED AND REPLACED. TYP.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
09 2116.E	PATCH AND REPAIR DRYWALL WHERE DAMAGED FROM DEMOLITION AND CUT-INS FOR NEW WORK, TYP.
09 2116.G	PATCH GYPSUM BOARD AT DEMOLISHED BACKSPLASH FOR NEW WORK, TYP.
09 9000.E	REFINISH ALL EXPOSED FINISHED SURFACES OF EXISTING CABINETS, REFER TO SPECS. TYP.
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1101.E	4' x 6' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.
10 5700.A	BAG HOOKS. 8" SPACING. PROVIDE TWO (2) 10" LENGTHS TO PROVIDE 30 HOOKS PER CLASSROOM
12 3550.A	WALL-MOUNTED BAG HOOKS. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.I	MOP SINK. REFER TO PLUMBING.
22 0000.Q	SINK. REFER TO PLUMBING.
22 0000.V	CONDENSATE PIPE LOCATION, CUT IN DRYWALL TO RUN PIPE TO SINK. REFER TO PLUMBING.
27 0000.B	WALL-MOUNTED TV BY OWNER.
27 0000.C	CLOCK SPEAKER, REFER TO ELECTRICAL. TYP.

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BLDG. 200 - FLOOR PLANS - DEMOLITION & PROPOSED

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A2-101

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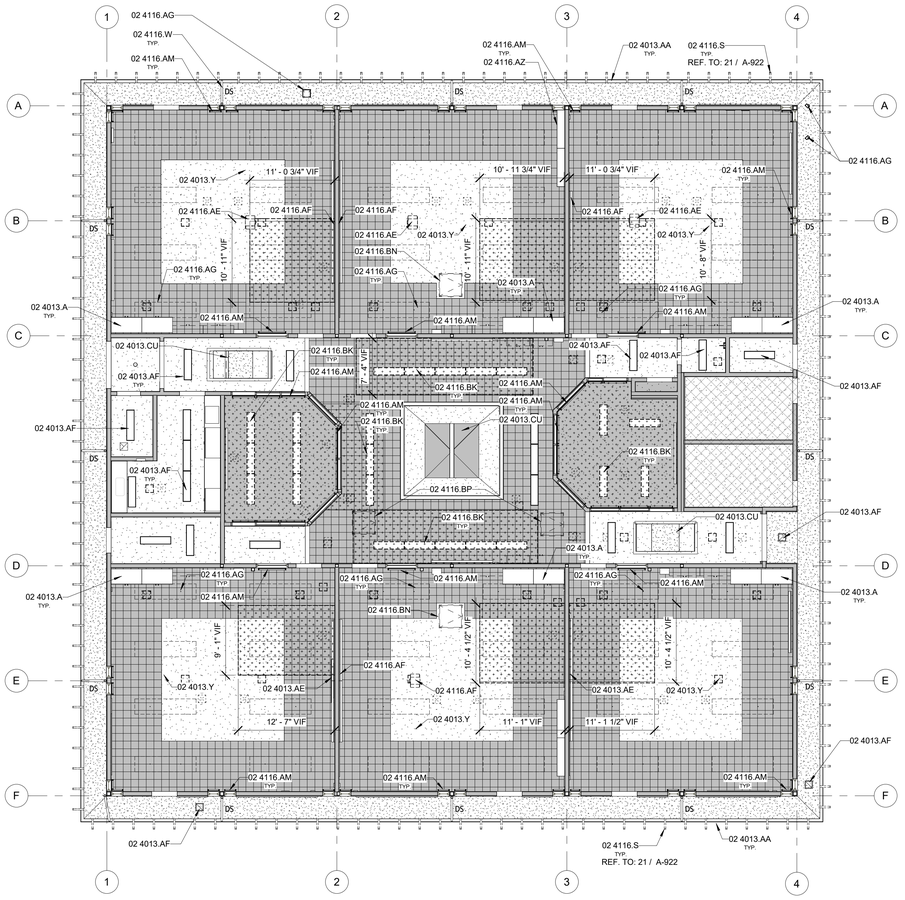
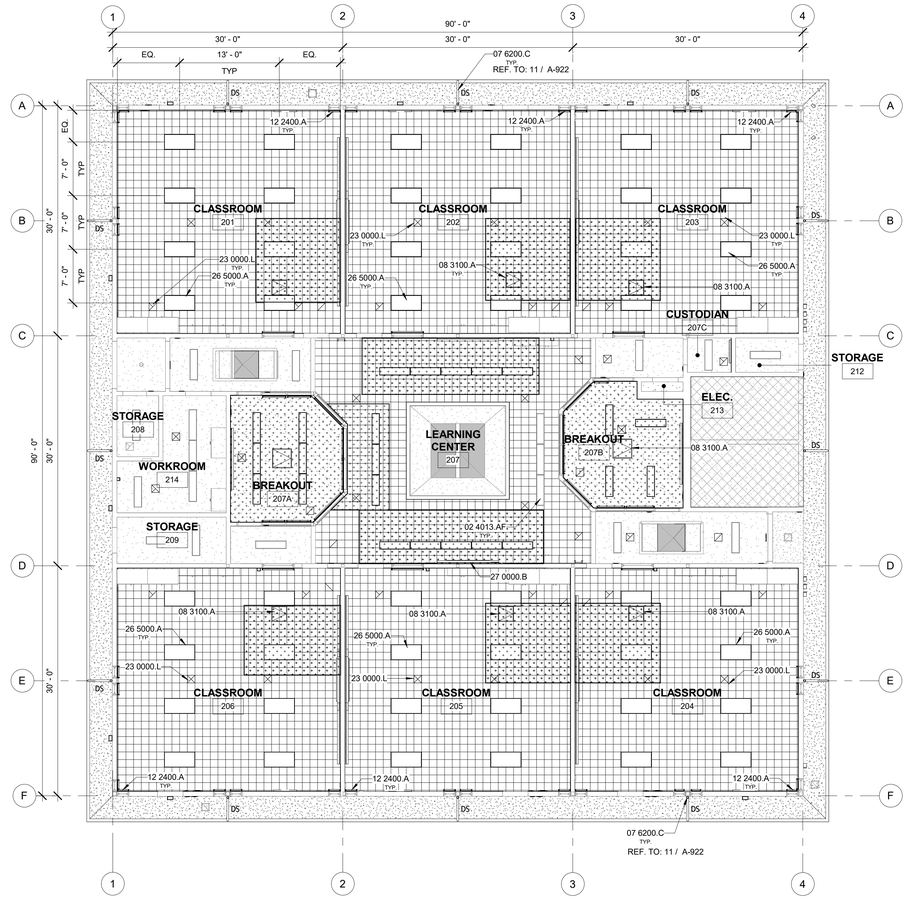


1 BUILDING 200 - REFLECTED CEILING PLAN - DEMOLITION

A2-111 SCALE: 1/8" = 1'-0"



2 BUILDING 200 - REFLECTED CEILING PLAN - PROPOSED

A2-111 SCALE: 1/8" = 1'-0"

RCP GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
3. HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB TO FINISH FACE OF GWB OR FACE OF CEILING GRID
4. BORDERS AT LAY-IN ACOUSTICAL CEILING PANELS SHALL BE CUT TO MATCH FACTORY EDGE PROFILE. NO EXPOSED FASTENERS SHALL BE PERMITTED INCLUDING POP RIVETS AND TAPPETS.
5. FINAL LOCATION OF CEILING ACCESS PANELS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC.
6. AT MODIFIED SUSPENDED CEILINGS, COMPRESSION STRUTS FOR SUSPENDED CEILINGS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. COMPRESSION STRUT LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
7. ALL LIGHT FIXTURES ARE TO BE INSTALLED ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
8. CEILING LIGHT FIXTURES ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. CEILING LIGHT FIXTURE LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
9. CONTRACTOR IS RESPONSIBLE FOR ANY COSTS ARISING FROM REROUTING OVERHEAD UTILITIES, PIPES, DUCTS, CONDUITS, ETC. WHEN IN CONFLICT WITH SUSPENDED CEILING COMPRESSION STRUTS AND CEILING LIGHT FIXTURES.
10. APPROXIMATE CEILING DEMOLITION EXTENTS SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL EXTENTS OF CEILING DEMOLITION NEEDED IN ORDER TO INSTALL THE PROPOSED SCOPE IN THE ATTIC OR CEILING SPACE.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE.
02 4013.AA	EXISTING GUTTER TO REMAIN. VERIFY GUTTER ATTACHMENTS AND SEAMS IN FIELD AND REPAIR WHERE REQUIRED. PROTECT IN PLACE. TYP.
02 4013.AE	EXISTING WALL-MOUNTED TV TO BE REMOVED, PROTECTED, STORED, AND REINSTALLED. TYP.
02 4013.AF	EXISTING LIGHT FIXTURE TO REMAIN. PROTECT IN PLACE. TYP.
02 4013.CU	EXISTING SKYLIGHT TO REMAIN. PROTECT IN PLACE.
02 4013.Y	EXISTING CEILING TO REMAIN. PROTECT IN PLACE.
02 4116.AE	EXISTING PROJECTOR TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AF	EXISTING PROJECTOR SCREEN TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AG	EXISTING LIGHT FIXTURE TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AM	EXISTING WINDOW BLINDS TO BE REMOVED. TYP.
02 4116.AZ	EXISTING BUILT-IN SHELF TO BE REMOVED
02 4116.BK	EXISTING LIGHT FIXTURE TO BE REMOVED, PROTECTED, AND REINSTALLED. SEE MECHANICAL WORK EXTENTS.
02 4116.BN	EXISTING CEILING ACCESS HATCH TO BE REMOVED AND REPLACED.
02 4116.BP	EXISTING CEILING ACCESS PANEL TO BE REMOVED.
02 4116.S	EXISTING RAFTER TAIL TO BE REMOVED, CUT BACK FLUSH WITH EXISTING BLOCKING, TYP. INSTALL FASCIA BOARD TO MATCH EXISTING, SEE DETAIL. TYP.
02 4116.W	EXISTING WALL-MOUNTED DOWNSPOUT TO BE REMOVED AND REPLACED. TYP.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
08 3100.A	CEILING ACCESS PANEL. TYP.
12 2400.A	ROLLER WINDOW SHADES. TYP.
23 0000.L	MECHANICAL DIFFUSER. REFER TO MECHANICAL
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.
27 0000.B	WALL-MOUNTED TV BY OWNER.

DEMO RCP LEGEND

- (E) ACOUSTIC CEILING SYSTEM TO REMAIN, REMOVE AND SET (E) ACT TILES ASIDE AS NEEDED FOR MECHANICAL/ELECTRICAL WORK ABOVE CEILING. IF WORK ABOVE CEILING REQUIRES MODIFYING GRID, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2.
- DEMO - INTERIOR - DIRECT APPLIED ACOUSTICAL TILE, (E) GYPSUM BOARD SUBSTRATE, (E) FRAMING AND STRAPPING TO REMAIN, PROTECT IN PLACE
- APPROXIMATE EXTENT OF GWB CEILING REMOVAL TO COMPLETE MEP SCOPE IN ATTIC. PROTECT IN PLACE (E) FRAMING, REFER TO MEP DRAWINGS. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK.
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- INTERIOR - (E) GWB CEILING, PROTECT IN PLACE, PATCH AS NEEDED TO PERFORM WORK IN ATTIC OR CEILING SPACES
- AREA NOT IN SCOPE
- LIGHT FIXTURE TO BE REMOVED & REPLACED, REFER TO ELECTRICAL PLANS
- SUPPLY / RETURN / EXHAUST REMOVED & REPLACED, REFER TO MECHANICAL PLANS
- CEILING ACCESS PANEL

PROPOSED RCP LEGEND

- XX'-X" — CEILING HEIGHT (SEE PLAN FOR ACTUAL HEIGHTS)
- ACT-1 — INTERIOR (E) TO REMAIN - 2X4 SUSPENDED ACOUSTIC CEILING SYSTEM, REINSTALL (E) CEILING TILES IN (E) GRID, REPLACE DAMAGED TILES AS NEEDED. IF GRID IS MODIFIED FOR ABOVE CEILING WORK, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2, SEE A-951 AND A-952
- ACT-2 — INTERIOR - 12X12 ACOUSTIC CEILING TILE, DIRECT APPLIED W/ ADHESIVE MEETING ASTM D1779. INSTALL OVER GYP. BOARD CEILING INSTALLED IN ACCORDANCE W/ GA-216, LEVEL 2 FINISH. REF. TO: 21/A-942
- PATCHED GYPSUM BOARD CEILING APPLIED TO (E) FRAMING & STRAPPING
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- APPROXIMATE EXTENT OF DRYWALL CEILING PATCHING TO COMPLETE PROPOSED WORK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK.
- AREA NOT IN SCOPE
- CEILING ACCESS PANEL
- MECHANICAL EQUIPMENT, REFER TO MECHANICAL PLANS SUPPLY / RETURN / EXHAUST, REFER TO MECHANICAL PLANS
- LIGHT FIXTURE, REFER TO ELECTRICAL PLANS

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BLDG. 200 - REFLECTED CEILING PLAN - DEMOLITION & PROPOSED

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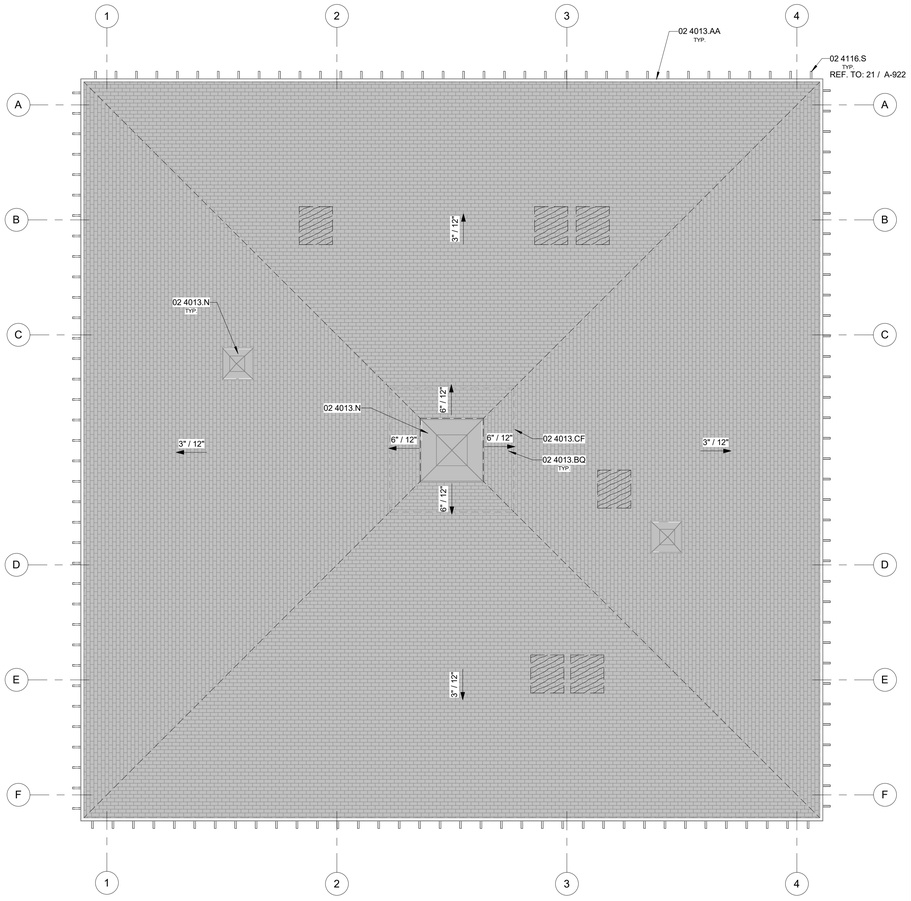
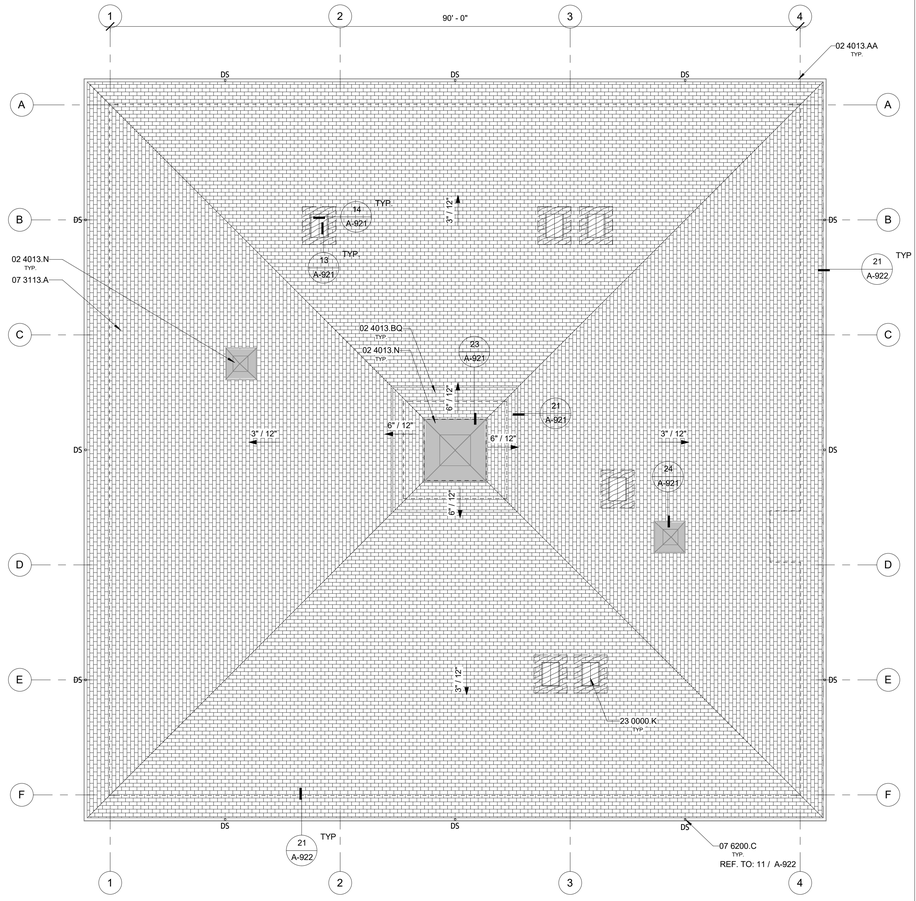


1 BUILDING 200 - ROOF PLAN - DEMOLITION

A2-121 SCALE: 1/8" = 1'-0"



2 BUILDING 200 - ROOF PLAN - PROPOSED

A2-121 SCALE: 1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
2. REFER TO GRADING & DRAINAGE PLAN FOR DOWNSPOUT CONNECTIONS TO STORM DRAIN SYSTEM.
3. ALL ROOFING ASSEMBLIES ARE TO BE CLASS-A RATED. REFER TO SPECIFICATIONS FOR MORE INFORMATION. WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (***2022 CBC SECTION 1202***).
4. CONTRACTOR TO VERIFY IN FIELD IF REPAIRS ARE NEEDED ON THE ROOF CUPOLAS.
5. PROVIDE ALLOWANCE FOR DAMAGED ROOF SHEATHING TO BE REPLACED AFTER ROOF IS REMOVED. ASSUME 5% OF ROOF SHEATHING WILL BE DAMAGED.

KEYNOTES

02 4013.AA	EXISTING GUTTER TO REMAIN. VERIFY GUTTER ATTACHMENTS AND SEAMS IN FIELD AND REPAIR WHERE REQUIRED. PROTECT IN PLACE. TYP.
02 4013.BQ	EXISTING LOUVERS IN WALL TO REMAIN. PROTECT IN PLACE.
02 4013.CF	EXISTING FASCIA TO REMAIN. PROTECT IN PLACE
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
02 4116.S	EXISTING RAFTER TAIL TO BE REMOVED, CUT BACK FLUSH WITH EXISTING BLOCKING, TYP. INSTALL FASCIA BOARD TO MATCH EXISTING, SEE DETAIL. TYP.
07 3113.A	ASPHALT SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. TYP.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.

DEMO ROOF PLAN LEGEND

- 1" / 12" — ROOF SLOPE. EXISTING, V.I.F.
- DS — ALL EXTERIOR DOWNSPOUTS TO BE REMOVED AND REPLACED. INTERIOR DOWNSPOUTS TO REMAIN AND TO BE ABANDONED. CONTRACTOR TO VERIFY IN FIELD. REFERENCE RCPS FOR LOCATIONS.
- EXISTING COMPOSITE SHINGLE ROOF AND UNDERLAYMENT TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE, UON
- EXISTING SINGLE PLY ROOF TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE.
- AREA NOT IN SCOPE
- EXISTING GUTTER TO REMAIN. PROTECT IN PLACE.
- ROOF DRAINS, APPROXIMATE LOCATION. REFER TO PLUMBING PLANS.
- MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
- APPROXIMATE EXTENT OF PLYWOOD SHEATHING REMOVAL. REMOVE PLYWOOD SHEATHING ONLY AS REQUIRED TO INSTALL STRUCTURAL FRAMING OR MECHANICAL EQUIPMENT WHERE OCCURS. CONTRACTOR TO COORDINATE FULL EXTENT OF REMOVAL NEEDED WITH PROPOSED WORK. REFERENCE STRUCTURAL AND MECHANICAL.

ROOF PLAN LEGEND

- 1" / 12" — (E) ROOF SLOPE, VIF
- DS — DOWNSPOUT. REFERENCE RCPS FOR LOCATIONS. FOR DOWNSPOUT, SEE DETAIL
- COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
- SINGLE PLY ROOFING, 80-MIL PVC (FIRE RESISTANCE: CLASS A) (ICC-ES EVALUATION REPORT: ESR-1157) SEE EXTERIOR DETAILS
- (E) CRICKET TO REMAIN, VERIFY SLOPE IN FIELD. PROPOSED TAPERED RIGID INSUL. CRICKETS AT EQUIPMENT NOTED ON PLAN
- EXISTING COPPER GUTTERS TO REMAIN AND PROTECT IN PLACE. EXISTING ALUMINUM GUTTERS TO BE DEMOLISHED AND REPLACED. PROVIDE EDGE METAL. CONTRACTOR TO VERIFY IN FIELD.
- MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
- WALL BELOW
- ROOF WALKWAY PADS. SEE SPEC
- APPROXIMATE EXTENTS OF PLYWOOD SHEATHING PATCH BACK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK. REFERENCE STRUCTURAL & MECHANICAL

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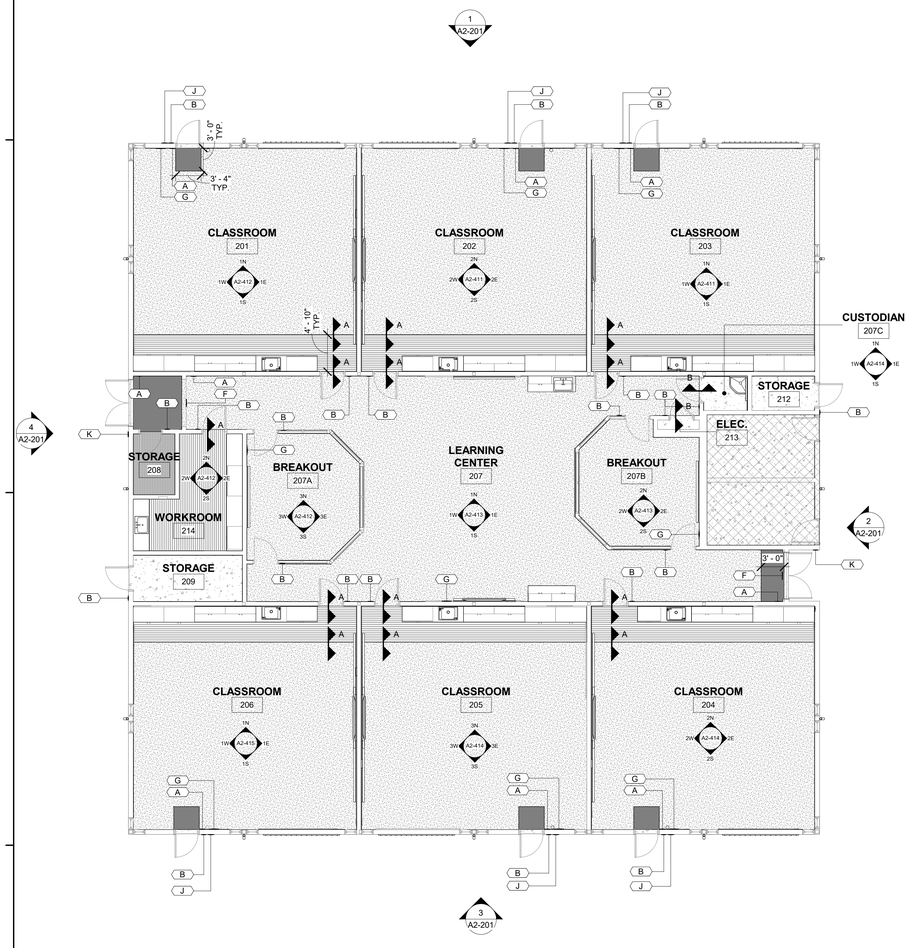

1 BUILDING 200 - FINISH & SIGNAGE PLAN

A2-131 SCALE: 1/8" = 1'-0"

MATERIALS SCHEDULE

MARK	MATERIAL	MANUFACTURER	PATTERN/TEXTURE	COLOR	COMMENTS
FLOORS					
CPT-1	SHEET CARPET	TARKETT	AFTERMATH II 03026	TAPESTRY 23512	POWERBOND (NOT TILE)
CPT-2	WALK-OFF MAT	TARKETT	ABRASIVE ACTION II	CHARCOAL 19100	POWERBOND (NOT TILE)
LVT	LUXURY VINYL TILE	TARKETT	EVEN PLANE	MINIMAL WOOD, GREY 8713	PLANK
LIN	LINOLEUM	FORBO	MARMOLEUM, REAL	EIGER 2629	WELDED SEAMS
CONC	SEALED CONCRETE		CLEAR SEAL		
RUB	RUBBER STAIR TREAD/RISER	JOHNSONITE	ANGLE FIT	BLACK	WITH RISER, CONTRAST STRIPING
TL-1	FLOOR TILE	DALTILE	2X2 MOSAIC	DESERT GREY SPECKLE, D200	TCNA F112-21 WITH MEMBRANE
WALLS					
B-1	RUBBER WALL BASE	JOHNSONITE	4" HIGH RUBBER BASE	BLACK	COILED ROLL
B-2	TILE WALL BASE	DALTILE	5X12 COVE BASE	DESERT GREY SPECKLE, D200	
B-3	LINOLUM WALL BASE	FORBO	MARMOLEUM, REAL	EIGER 2629	CONTINUOUS WITH FLOORING
VTB	VINYL COVERED TACKBOARD	KORCSEAL	INSIGHT	SHIMMER 8322-91	PERFORATED AT MUSIC CLASSROOM
FRP	FIBER REINFORCED PANELS	MARALITE	EMBOSSED/PEBBLED	WHITE	CLASS A
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
WCG	WALL CORNER GUARD			STAINLESS STEEL	SURFACE MOUNT
CASEWORK					
PL-1	PLASTIC LAMINATE COUNTERTOP	WILSONART	MAGNOLIA	LENO WEAVE 5012K-19	
PL-2	PLASTIC LAMINATE CABINET	WILSONART	KHAKI BROWN	MATTE FINISH D50-60	
CEILING					
ACT-1	ACOUSTIC CEILING TILE-2X4	ARMSTRONG	2X4, SCHOOL ZONE FINE FISSURED	WHITE	MATCH EXISTING
ACT-2	ACOUSTIC CEILING TILE - 12X12	ARMSTRONG	FINE FISSURED TILE, #746	WHITE	DIRECT APPLIED (NO SUSPENSION SYSTEM)
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
MISCELLANEOUS					
PT-1	INTERIOR DOOR FRAMES	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	MATCH EXISTING
PT-2	INTERIOR DOORS	SHERWIN WILLIAMS	SEMI-GLOSS	GRAND CANAL, SW6488	MATCH EXISTING
	ROLLER SHADES - FABRIC	MECHO SHADE	THERMOVEIL, 1700...	1716 EGGSHELL	1% OPEN
	ROLLER SHADES - FASCIA	MECHO SHADE		WHITE	

ROOM FINISH SCHEDULE

	NAME	FLOOR	WALL BASE	WALL SUBSTRATE	WALL FINISH	CEILING SUBSTRATE	CEILING FINISH	NOTES
201	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST / GWB	ACT-2	SEE INTERIOR ELEVATIONS
202	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST / GWB	ACT-2	SEE INTERIOR ELEVATIONS
203	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST / GWB	ACT-2	SEE INTERIOR ELEVATIONS
204	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST / GWB	ACT-2	SEE INTERIOR ELEVATIONS
205	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST / GWB	ACT-2	SEE INTERIOR ELEVATIONS
206	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST / GWB	ACT-2	SEE INTERIOR ELEVATIONS
207	LEARNING CENTER	CPT	RB	EXIST	PT	EXIST / GWB	ACT-2	SEE INTERIOR ELEVATIONS
207A	BREAKOUT	CPT	RB	EXIST	PT	EXIST / GWB	PT	SEE INTERIOR ELEVATIONS
207B	BREAKOUT	CPT	RB	EXIST	PT	EXIST / GWB	PT	SEE INTERIOR ELEVATIONS
207C	CUSTODIAN	CONC	RB	EXIST	PT / FRP	GWB	PT	SEE INTERIOR ELEVATIONS
208	STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	
209	STORAGE	CONC	RB	EXIST	PT	GWB	PT	SEE INTERIOR ELEVATIONS
212	STORAGE	CONC	RB	EXIST	PT	GWB	PT	SEE INTERIOR ELEVATIONS
213	ELEC.	CPT	RB	EXIST	PT	GWB	PT	SEE INTERIOR ELEVATIONS
214	WORKROOM	LVT	RB	EXIST	PT	GWB	PT	SEE INTERIOR ELEVATIONS

NOTE: *REFER TO RCP FOR EXTENTS OF GWB CEILING PATCHING
*WELLS AT SKYLIGHTS AND SMOKE VENTS TO BE PAINTED
*MISC INTERIOR WOOD TRIM TO BE PAINTED TO MATCH SURROUNDING WALLS

ABBREVIATIONS

EXIST EXISTING TO REMAIN

BASE
LIN LINOLEUM
RB RUBBER BASE
TL TILE COVE BASE

CEILING
ACT ACOUSTIC CEILING TILE
GWB GYPSUM BOARD, PAINT FINISH.
OPEN OPEN TO ABOVE

FINISH
FRP FIBER REINFORCED PANEL
PRE MANUFACTURER FINISHED
PT PAINT
VTB VINYL COVERED TACKBOARD

FLOORS
CONC EXPOSED CONCRETE, CLEAR SEAL FINISH.
CPT CARPET TILES, TRANSITION STRIPS AT EXPOSED EDGES.
LIN LINOLEUM
LVT LUXURY VINYL TILE
TL FLOOR TILE

SUBSTRATE
CB CEMENT BOARD
GWB GYPSUM BOARD

FINISH PLAN GENERAL NOTES

1. PROVIDE SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
2. REFER TO FLOORING MFR'S REQUIREMENTS FOR CONCRETE SLAB TESTING AND PREPARATION, AND PROVIDE MITIGATING MEASURES WHERE REQUIRED PER MFR.
3. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS.
4. ALL FLOOR FINISH MATERIAL CHANGES SHALL HAVE TRANSITION STRIPS. REFER TO DETAIL 32/A-701.
5. ALL FLOORING MATERIALS SHALL COMPLY WITH ***2022 CBC SEC. 804.1.***
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL WALL FINISH INFORMATION.
8. REMOVE AND DEMO EXISTING SIGNS. PATCH AND PAINT AREAS AS NEEDED.
9. ALL DOORS AND DOOR FRAMES TO BE PAINTED. SEE MATERIALS SCHEDULE.
10. CONTINUE FLOORING TO WALL AT OPEN CASEWORK SINK APRONS AND COUNTERTOP WITHOUT BASE CABINETS. NO EXPOSED UNFINISHED SLAB.

FINISH REQUIREMENTS (MIN.)

PER ***2022 CBC 803.13*** INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN THAT SPECIFIED IN TABLE 803.13 FOR THE GROUP AND LOCATION DESIGNATED. REFER TO ***2022 CBC SEC. 803*** FOR ADDITIONAL INFORMATION.

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY
(CBC 2022 TABLE 803.13)

DEGREE OF FIRE PROTECTION: SPRINKLERED

GROUP	INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	ROOMS AND ENCLOSED SPACES
A-1 & A-2	B	B	C
A-3,A-4,A-5	B	B	C
B,E,M,R-1	B	C	C
R-2	C	C	C
R-2.1	B	C	C
R-2.2	C	C	C
R-3, R-3.1	C	C	C
S	C	C	C

CLASSIFICATIONS
CLASS A:
- FLAME SPREAD INDEX = 0-25
- SMOKE DEVELOPED INDEX = 0-450

CLASS B:
- FLAME SPREAD INDEX = 26-75
- SMOKE DEVELOPED INDEX = 0-450

CLASS C:
- FLAME SPREAD INDEX = 76-200
- SMOKE DEVELOPED INDEX = 0-450

NOTE: SPECIFIED MATERIALS MAY INTENTIONALLY EXCEED MINIMUM REQUIREMENTS.

SIGNAGE NOTES

(A) TACTILE EXIT SIGN READING "EXIT". WHERE MOUNTED ON GLASS, SIZE EXIT SIGN TO MATCH EXTERIOR GLASS MOUNTED ROOM IDENTIFICATION SIGNAGE. ALIGN EXIT SIGN WITH ROOM SIGNAGE WHEN MOUNTING. ***REFER TO CODE PLAN FOR EXITING.*** REF. TO: 12 / A-904

(B) ROOM IDENTIFICATION SIGN. WHERE SIGN IS ONE-SIDED AND MOUNTED ON GLASS, INSTALL OPAQUE VINYL TO MATCH COLOR AND SIZE OF PLAQUE BEHIND THE SIGN. ***PROVIDE ROOM ID AT ALL INTERIOR AND EXTERIOR DOORS.*** REF. TO: 22 / A-904

(C) ROOM IDENTIFICATION SIGN. PROVIDE DIRECTIONAL SIGNAGE TO NEAREST ACCESSIBLE RESTROOM. REF. TO: 15 / A-904

(D) GEOMETRIC SYMBOL MOUNTED ON DOOR. REF. TO: 14 / A-904

(E) ROOM IDENTIFICATION WITH PICTOGRAM AND INTERNATIONAL SYMBOL OF ACCESSIBILITY. REF. TO: 15 / A-904

(F) CEILING-MOUNTED ILLUMINATED EXIT SIGN. ***REFER TO CODE PLAN FOR EXITING.*** SEE ELECTRICAL.

(G) INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED, INCLUDE WORDING THAT STATES, "ASSISTIVE LISTENING SYSTEM AVAILABLE." ***SEE FINISH PLAN FOR SIGNAGE PLACEMENT.*** REF. TO: 23 / A-904

(H) OCCUPANT LOAD SIGN THAT STATES "MAXIMUM OCCUPANCY
_____ PERSONS"
_____ * # AT BUILDING G MULTI-PURPOSE ROOM
PROVIDE OCCUPANT LOAD SIGN AT ROOMS WITH OCCUPANTS GREATER THEN 50. REFER TO CODE PLAN FOR OCCUPANT LOAD CALCULATIONS. REF. TO: 24 / A-904

(J) DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF NEAREST ENTRANCE WITH AN ACCESSIBLE DOOR.

(K) ENTRANCE SIGNAGE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

(L) RESTRICTION SIGNAGE THAT STATES "NO FREIGHT" WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

LEGEND (WHERE APPLICABLE)

CPT 1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

FLOORS

CONC-2 SEALED CONCRETE

CPT-1 CARPET

LVT LVT FLOORING
NOTE
LVT FLOORING TO EXTEND UNDER CABINETS WHERE OPEN BELOW

CPT-2 WALK-OFF MAT

LIN LINOLEUM

TL-1 TILE FLOORING

EPOXY COATING OVER CONCRETE FLATWORK

NOT IN SCOPE

(E) GYMNASIUM FLOOR, TO REMAIN, PROTECT IN PLACE

X FLOORING TRANSTION:
- "A": LVT TO CARPET
- "B": CARPET TO CONCRETE (POLISHED OR SEALED)
- "C": LVT TO CONCRETE (POLISHED OR SEALED)
- "D": LINOLEUM TO WOOD
- "E": LVT TO WOOD
- "F": CONCRETE (POLISHED OR SEALED) TO WOOD

WALLS

CORNER GUARDS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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LICENSED ARCHITECT
JONATHAN HOWLES
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 200 - FINISH & SIGNAGE FLOOR PLAN & FINISH SCHEDULE

NO.	REVISION	DATE

PROJECT MANAGER JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET A2-131

DSA SUBMITTAL

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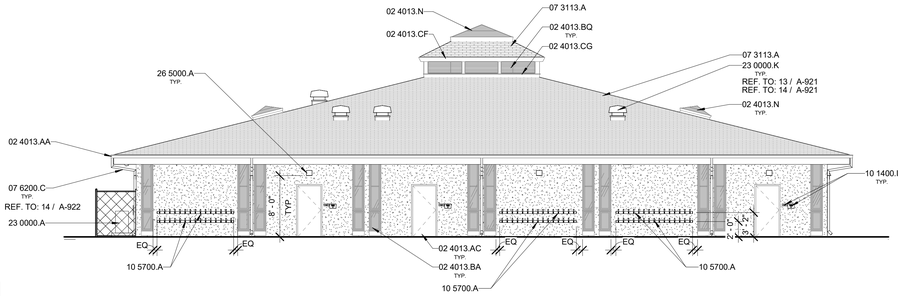
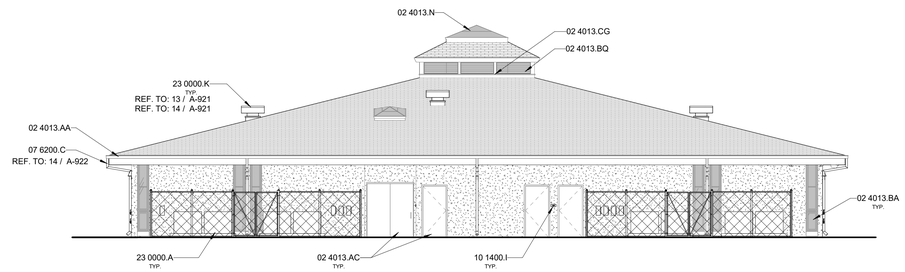


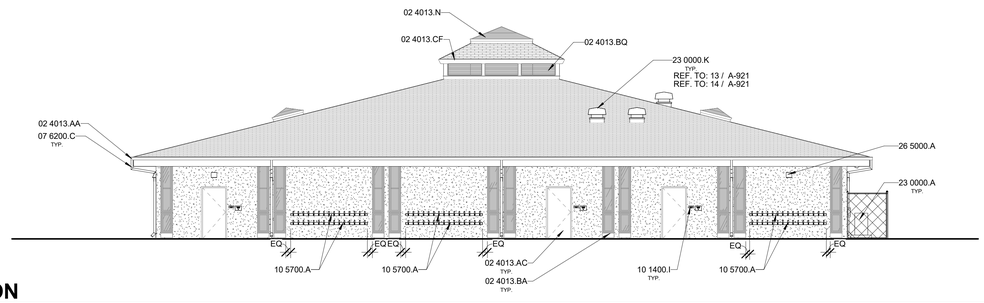
1 BUILDING 200 - NORTH ELEVATION

A2-101 | A2-201 SCALE: 1/8" = 1'-0"



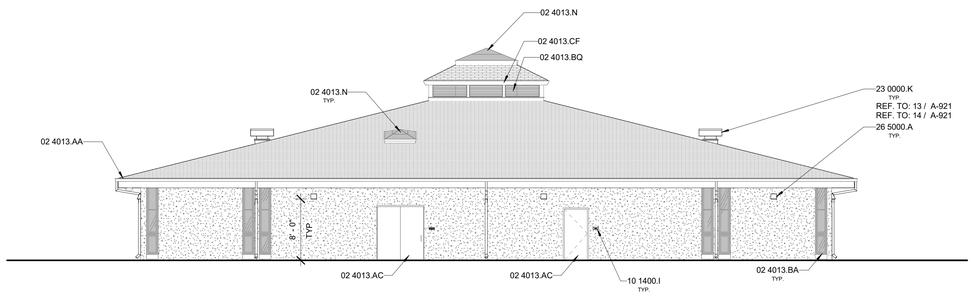
2 BUILDING 200 - EAST ELEVATION

A2-101 | A2-201 SCALE: 1/8" = 1'-0"



3 BUILDING 200 - SOUTH ELEVATION

A2-101 | A2-201 SCALE: 1/8" = 1'-0"



4 BUILDING 200 - WEST ELEVATION

A2-101 | A2-201 SCALE: 1/8" = 1'-0"

EXTERIOR MATERIALS SCHEDULE

Tag	Description	Application	Manufacturer	Pattern/Texture	Color	Other
PAINT						
XPT-1	EXTERIOR PAINT	(N) FASCIA	SHERWIN WILLIAMS		TBD	MATCH EXISTING
XPT-2	EXTERIOR PAINT	STEEL DOWNSPOUTS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOOR FRAMES	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOORS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	FASCIA BOARDS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
MISC.						
	ROOF	ASPHALT SHINGLE	CERTAINTEED	LANDMARK SOLARIS	GEORGETOWN GRAY	
	GUTTERS AND SHEET METAL DOWNSPOUT LEADERS		MCELROY METALS	PREFINISHED KYNAR 500	MATCH EXISTING TO REMAIN COPPER GUTTERS	
	ROOFTOP MECH / PLUMBING EQUIPMENT		PREFINISHED OR PAINTED	PREFINISHED OR PAINTED	MATCH ROOFING	

ELEVATION GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.
3. SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. REFER TO ROOF PLAN FOR ROOF PITCH AND OVERHANGS. FASCIA PER DETAILS.
5. SEE ROOF PLAN FOR EXISTING AND PROPOSED ROOF ELEMENTS, AND APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.
6. REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION.
7. SEE ELECTRICAL DRAWINGS FOR ALL EXISTING AND PROPOSED EXTERIOR LIGHTING
8. SEE MECHANICAL DRAWINGS FOR GRILLES AND LOUVERS. PAINT TO MATCH ADJACENT FINISH.
9. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK.
10. DO NOT REMOVE EXTERIOR FINISHES UNLESS AS NOTED. COORDINATE ALL BLOCKING, ELECTRICAL AND OTHER REQUIRED SCOPE TO BE INSTALLED FROM THE INTERIOR. SEE DEMOLITION NOTES ON FLOOR PLAN SHEETS.

KEYNOTES

02 4013.AA	EXISTING GUTTER TO REMAIN. VERIFY GUTTER ATTACHMENTS AND SEAMS IN FIELD AND REPAIR WHERE REQUIRED. PROTECT IN PLACE. TYP.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.BA	EXISTING WINDOW TO REMAIN AND BE RESCREENED WHERE APPLICABLE. PROTECT IN PLACE. TYP.
02 4013.BQ	EXISTING LOUVERS IN WALL TO REMAIN. PROTECT IN PLACE.
02 4013.CF	EXISTING FASCIA TO REMAIN. PROTECT IN PLACE
02 4013.CG	EXISTING REDWOOD SILL TO REMAIN. PROTECT IN PLACE
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
07 3113.A	ASPHALT SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. TYP.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 5700.A	BAG HOOKS. 8" SPACING, PROVIDE TWO (2) 10' LENGTHS TO PROVIDE 30 HOOKS PER CLASSROOM
23 0000.A	MECHANICAL EQUIPMENT. REFER TO MECHANICAL
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.

LEGEND

- (E) CEMENT PLASTER SYSTEM TO REMAIN
- (E) GLAZING TO REMAIN
- (E) TILE TO REMAIN
- COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
- STAINLESS STEEL SHEET BACKSPLASH REF. TO: 24 / A-922

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DSA FILE #: 40-62
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C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 200 - EXTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A2-201

DSA SUBMITTAL

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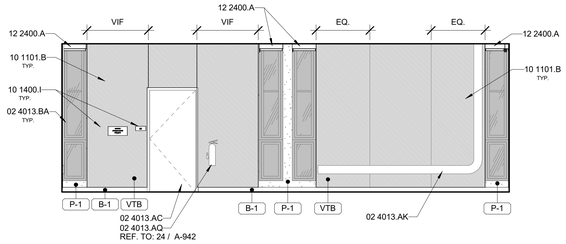
TYP. CLASSROOM INTERIOR ELEVATIONS



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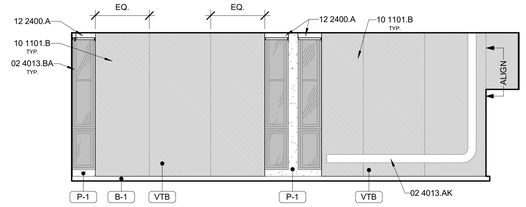

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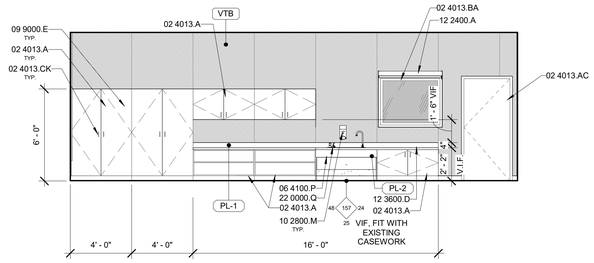

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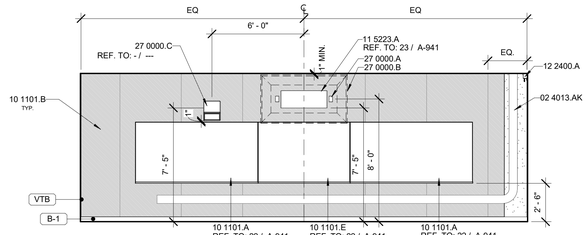
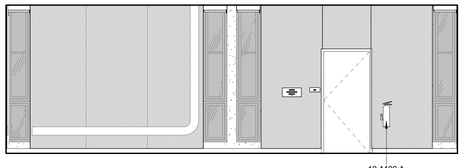


1W

1/4" = 1'-0" **203 - CLASSROOM**

REFER TO CLASSROOM 203 INTERIOR ELEVATIONS ON A2-411 FOR TYP. INFORMATION



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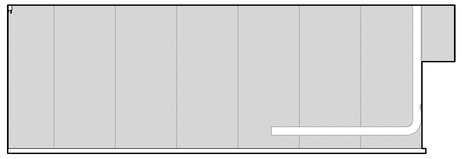

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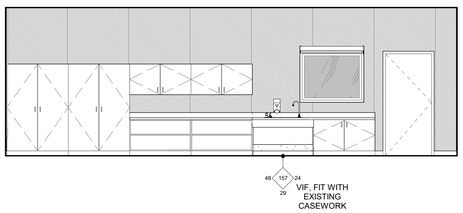

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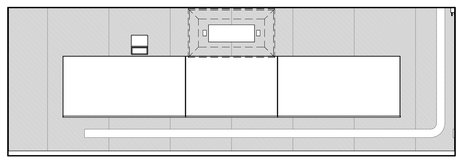

2W

1/4" = 1'-0" **202 - CLASSROOM**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
02 4013.BA	EXISTING WINDOW TO REMAIN AND BE RESCREENED WHERE APPLICABLE. PROTECT IN PLACE. TYP.
02 4013.CK	EXISTING CABINET HARDWARE TO REMAIN. PROTECT IN PLACE
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
09 9000.E	REFINISH ALL EXPOSED FINISHED SURFACES OF EXISTING CABINETS, REFER TO SPECS. TYP.
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1101.B	TACKABLE WALL PANELS
10 1101.E	4' x 6' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 2800.M	-
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.
11 5223.A	WALL-MOUNTED BRACKET FOR TV WITH SOLID BLOCKING SUPPORT. CUT INTO DRYWALL AS NEEDED TO INSTALL REQUIRED BLOCKING. PATCH AND REFINISH WALL.
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.Q	SINK. REFER TO PLUMBING.
27 0000.A	CABLE/DATA/POWER CONNECTION, REFER TO ELECTRICAL
27 0000.B	WALL-MOUNTED TV BY OWNER.
27 0000.C	CLOCK SPEAKER, REFER TO ELECTRICAL. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — REFER TO INTERIOR ELEVATIONS

SS

VTB-1

FRP

(T) — (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

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SS ☑ FLS ☑ ACS ☑
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PROJECT TRACKING #: 68809-91

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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 200 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH

DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
A2-411

3/2/2026 1:35:14 PM
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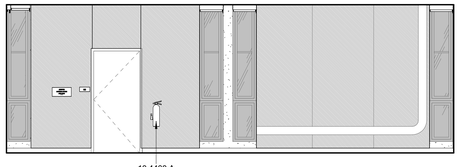
REFER TO CLASSROOM 203 INTERIOR ELEVATIONS ON A2-411 FOR TYP. INFORMATION



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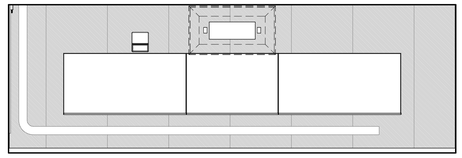

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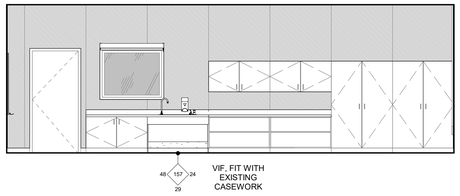

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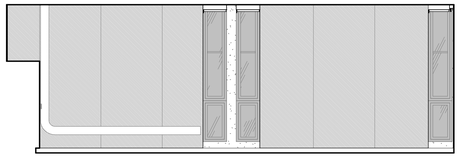
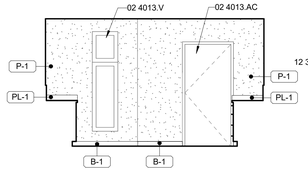


1W

1/4" = 1'-0" **201 - CLASSROOM**



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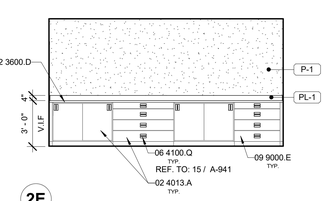

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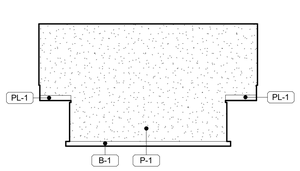

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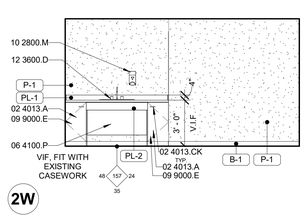
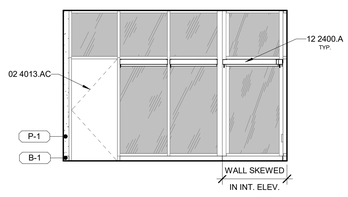


2W

1/4" = 1'-0" **214 - WORKROOM**



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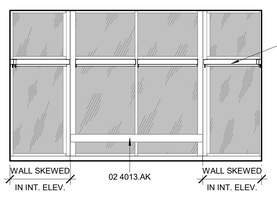

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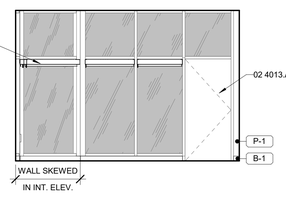

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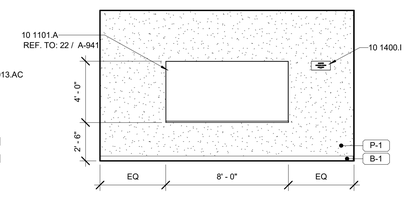

3W

1/4" = 1'-0" **207A - BREAKOUT ROOM**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.CK	EXISTING CABINET HARDWARE TO REMAIN. PROTECT IN PLACE
02 4013.V	EXISTING ELECTRICAL BOX TO REMAIN.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK, FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
09 9000.E	REFINISH ALL EXPOSED FINISHED SURFACES OF EXISTING CABINETS, REFER TO SPECS. TYP.
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 2800.M	-
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — VTB-1 — FRP

REFER TO INTERIOR ELEVATIONS

(T) — (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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JONATHAN HOWELL
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 200 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
A2-412

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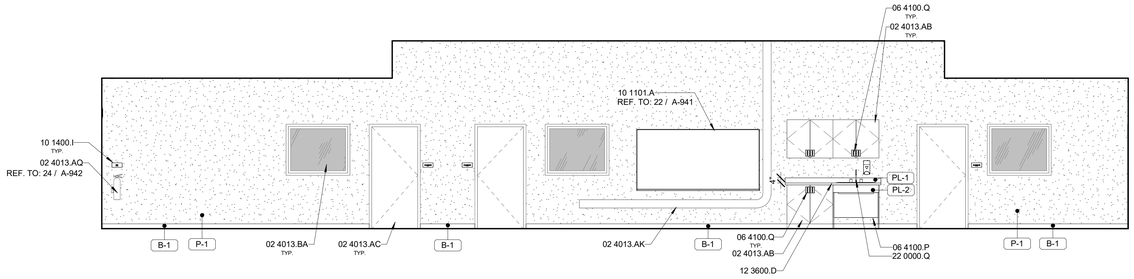

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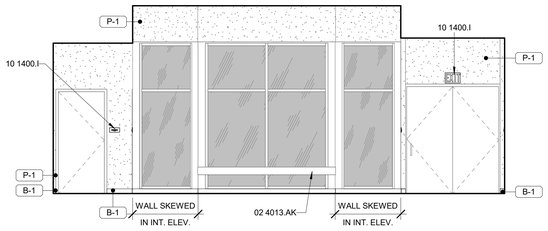

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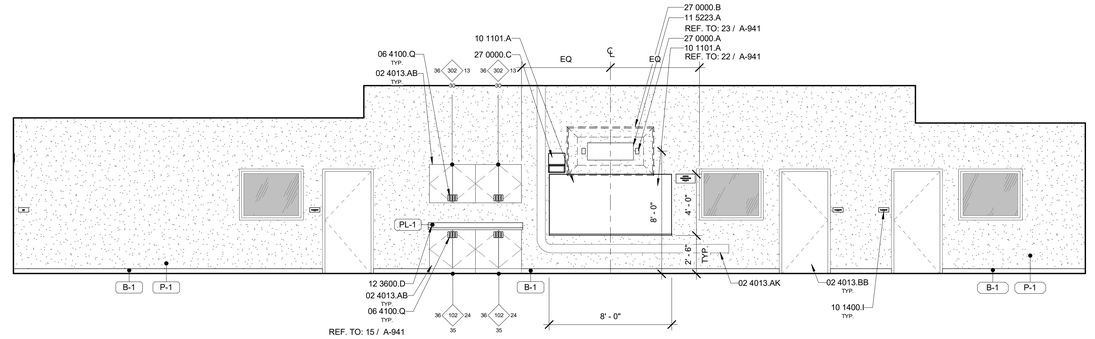

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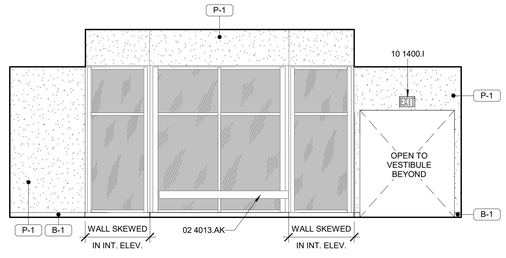
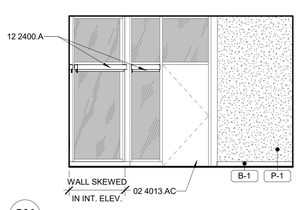


1W

1/4" = 1'-0" **207 - LEARNING CENTER**



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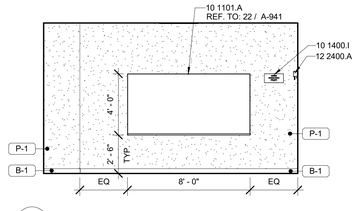

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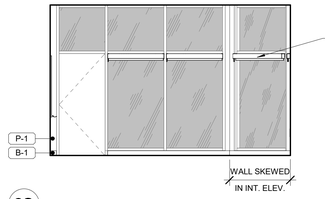

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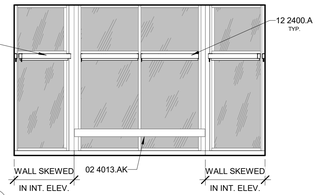

2W

1/4" = 1'-0" **207B - BREAKOUT ROOM**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
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DEMOLITION NOTES

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2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
02 4013.BA	EXISTING WINDOW TO REMAIN AND BE RESCREENED WHERE APPLICABLE. PROTECT IN PLACE. TYP.
02 4013.BB	EXISTING SURFACE MOUNTED CABLE RACEWAY TO REMAIN.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
11 5223.A	WALL-MOUNTED BRACKET FOR TV WITH SOLID BLOCKING SUPPORT. CUT INTO DRYWALL AS NEEDED TO INSTALL REQUIRED BLOCKING. PATCH AND REFINISH WALL.
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.Q	SINK. REFER TO PLUMBING.
27 0000.A	CABLE/DATA/POWER CONNECTION, REFER TO ELECTRICAL
27 0000.B	WALL-MOUNTED TV BY OWNER.
27 0000.C	CLOCK SPEAKER, REFER TO ELECTRICAL. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1

SS

VTB-1

FRP

REFER TO INTERIOR ELEVATIONS

(T) (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS. PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH
DEPTH
HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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JONATHAN HOWES
C 40884
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CONSULTANT

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 200 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

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SHEET
A2-413

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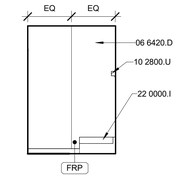
Autodesk Docs://0100-06 CL Smith Elementary Modernization/0100-06 SITE.rvt



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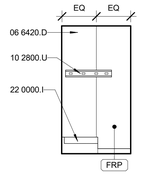

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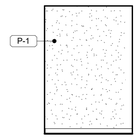

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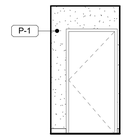
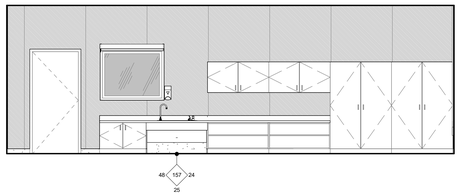


1W

1/4" = 1'-0" **207C - CUSTODIAN**

REFER TO CLASSROOM 203 INTERIOR ELEVATIONS ON A2-411 FOR TYP. INFORMATION



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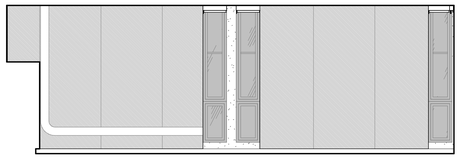

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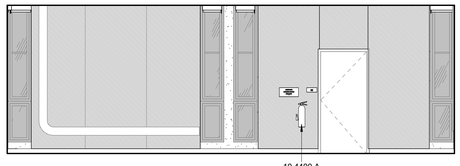

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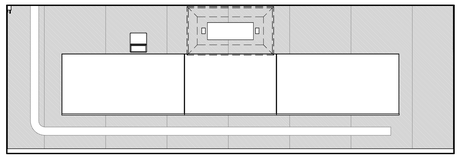
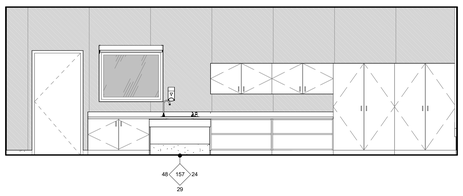


2W

1/4" = 1'-0" **204 - CLASSROOM**

REFER TO CLASSROOM 203 INTERIOR ELEVATIONS ON A2-411 FOR TYP. INFORMATION



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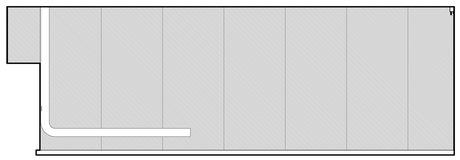

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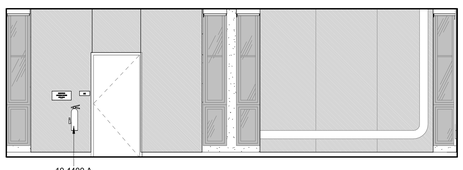

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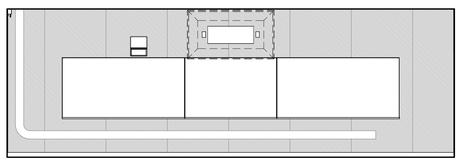

3W

1/4" = 1'-0" **205 - CLASSROOM**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
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7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

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2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

06 6420.D	FRP WALL PANEL
10 2800.U	MOP RACK
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.
22 0000.I	MOP SINK. REFER TO PLUMBING.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS. PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

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PROJECT TRACKING #: 68809-91

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C 40884
10-31-27
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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 200 – INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET A2-414

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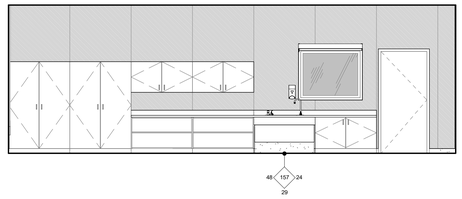
Autodesk Docs://0100-06 CL Smith Elementary Modernization/0100-06 SITE.rvt

REFER TO CLASSROOM 203 INTERIOR ELEVATIONS ON A2-411 FOR TYP. INFORMATION



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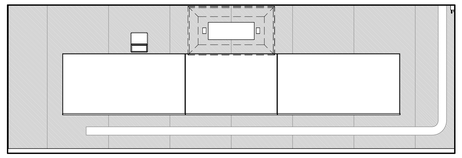

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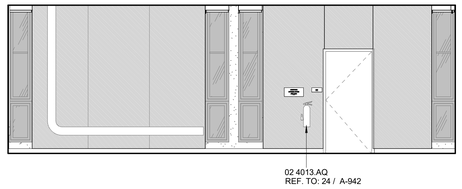

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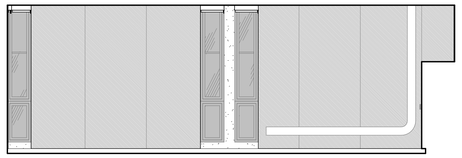

1W

1/4" = 1'-0" **206 - CLASSROOM**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AQ EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1

SS

VTB-1

FRP

REFER TO INTERIOR ELEVATIONS

(T) (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH
DEPTH
HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

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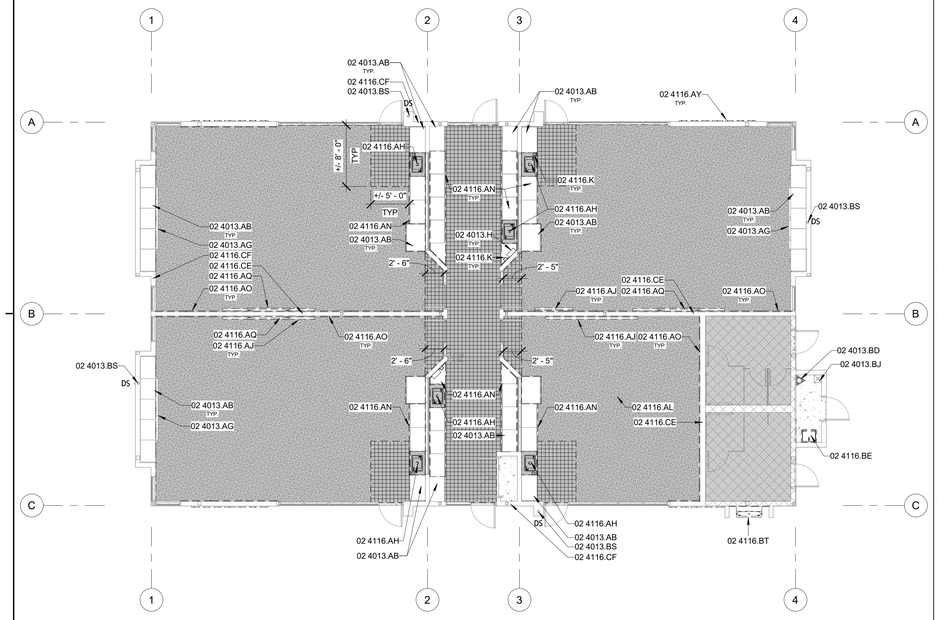
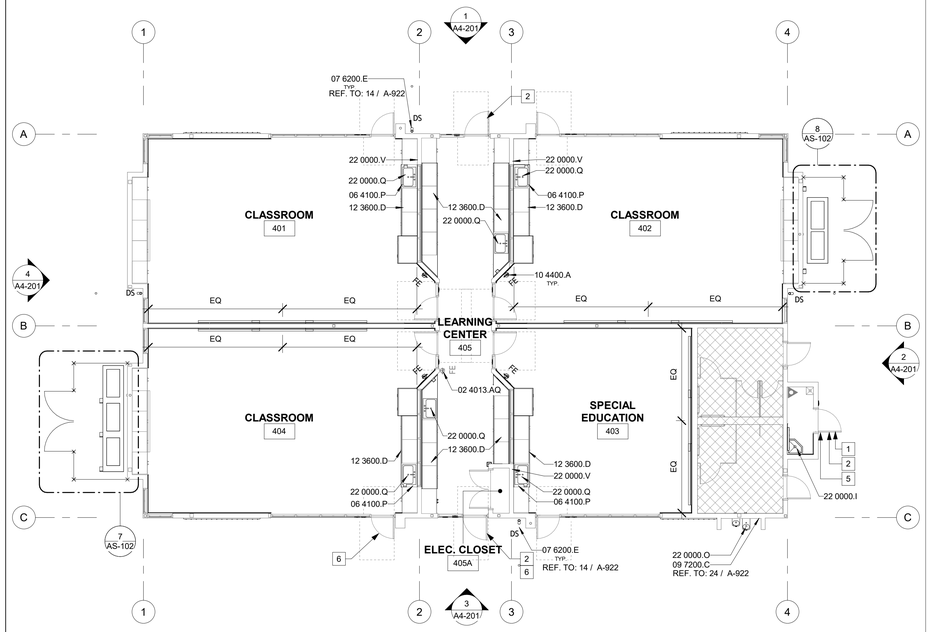


1 BUILDING 400 - FLOOR PLAN - DEMOLITION

A4-101 SCALE: 1/8" = 1'-0"



2 BUILDING 400 - FLOOR PLAN - PROPOSED

G-402 A4-101 SCALE: 1/8" = 1'-0"

(E) DOOR HARDWARE NOTES

1. REMOVE EXISTING LOCKSET. PREPARE DOOR AND PROVIDE NEW LOCKSET: SCHLAGE ND W/ 626 FINISH (OR EQUAL) AND 2X CORES: SCHLAGE 20-740 PRIMUS CORE (OR EQUAL). MATCH (E) DOOR LOCKSET FUNCTION
2. ADJUST EXISTING DOOR CLOSER TO COMPLY WITH CBC 11B-404.2.8 FOR CLOSING SPEED AND CBC 11B-404.2.9 FOR OPENING FORCE. PROVIDE NEW ALUMINUM SADDLE THRESHOLD AT EXISTING DOOR. MODEL ZERO 546 OR APPROVED EQUAL. INSTALL A BEAD OF BUTYL CAULK BEHIND FLANGE BEFORE INSTALL, TYP.
3. REMOVE AND REPLACE (E) DOOR PANEL. PROVIDE FLUSH HM DOOR PANEL PER SPECS TO FIT EXISTING FRAME. PROVIDE THE FOLLOWING HARDWARE IN ADDITION TO NOTES 1 AND 2 ABOVE:

3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188SBK PSA	BK	ZER
1	EA	FLOOR STOP	FS436/FS428 AS REQ'D	626	IVE

4. EXISTING DOOR REINSTALLED IN EXISTING FRAME WITH DOOR SWING FLIPPED AS SHOWN. PROVIDE NEW LOCKSET PER #1 ABOVE. REPLACE HINGES AS NECESSARY. MODIFY DOOR FRAME AS NEEDED FOR FLIPPED DOOR SWING
5. PROVIDE METAL LOUVER IN (E) DOOR PANEL.
6. REPLACE EXISTING DOOR CLOSER WITH CUSHION STOP CLOSER

LEGEND

- DEMO - INTERIOR - CARPET AND BASE
- DEMO - INTERIOR - LINOLEUM TILE AND BASE
- DEMO - INTERIOR - TILE AND BASE
- DEMO - AREA OF CASEWORK AND SINK REMOVED
- APPROXIMATE EXTENT OF EXISTING CONCRETE REMOVAL TO COMPLETE MEP SCOPE. SAWCUT AND REMOVE EXISTING SLAB AS NEEDED FOR SEWER AND ELECTRICAL SCOPE. PATCH BACK EXISTING CONCRETE AND SLAB. REFER TO MEP DRAWINGS FOR FULL SCOPE. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK. REF. TO: 23 / A-922
- FE — EXISTING FIRE EXTINGUISHER TO REMAIN. SEE INTERIOR ELEVATIONS.
- FE — FIRE EXTINGUISHER MOUNTED TO WALL. SEE INTERIOR ELEVATIONS. REF. TO: 24 / A-942
- FEC — EXISTING FIRE EXTINGUISHER WITH CABINET TO REMAIN. SEE INTERIOR ELEVATIONS.
- DS — DOWNSPOUT. REF. TO: 13 / A-922
- DEMO EXISTING PARTITION OR WALL FINISH
- PROTECT IN PLACE EXISTING
- EXISTING CONCRETE FLOOR TO REMAIN
- N.I.S. — NOT IN SCOPE

FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM FOR FURTHER INFORMATION.
3. FLOOR PLAN DIMENSIONS ARE TO FACE OF FINISH UNLESS SPECIFICALLY NOTED OTHERWISE.
4. FOR INTERIOR ELEVATION TAGS, SEE FINISH & SIGNAGE FLOOR PLAN ON SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131.
5. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
6. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO GRAB BARS, FIXTURES, AND ACCESSORIES.
7. REFER TO SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131 ROOM FINISH SCHEDULES FOR EXISTING AND PROPOSED FINISHES.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AG	EXISTING MARKERBOARD TO REMAIN. PROTECT IN PLACE.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
02 4013.BD	EXISTING FIRE RISER TO REMAIN. PROTECT IN PLACE.
02 4013.BJ	EXISTING BLOCKOUT FOR GAS RISER TO REMAIN. PROTECT IN PLACE.
02 4013.BS	EXISTING CONCEALED DOWNSPOUT TO BE ABANDONED IN PLACE. CAP AND SEAL EXPOSED PIPE AT FASCIA AFTER REMOVING GUTTER.
02 4013.H	EXISTING PAPER TOWEL DISPENSER TO BE REMOVED. TYP.
02 4116.AH	EXISTING SINK AND SINK CABINET TO BE REMOVED. PROTECT ALL OTHER CABINETS AND PLUMBING IN PLACE, SEE PLUMBING PLANS. TYP.
02 4116.AJ	EXISTING MARKERBOARD TO BE REMOVED.
02 4116.AL	EXISTING FLOORING AND WALL BASE TO BE REMOVED. PROTECT IN PLACE EXISTING CONCRETE SLAB UNDERNEATH AND WALL BEHIND, ETC. TYP.
02 4116.AN	EXISTING COUNTERTOP AND BACKSPLASH TO BE REMOVED. TYP.
02 4116.AO	EXISTING TACKBOARD TO BE REMOVED. TYP.
02 4116.AQ	EXISTING WALL-MOUNTED TV AND BRACKET TO BE REMOVED.
02 4116.AY	EXISTING BAG HOOKS TO BE REMOVED. TYP.
02 4116.BE	EXISTING SINK TO BE REMOVED. CAP UTILITIES.
02 4116.BT	EXISTING DRINKING FOUNTAIN TO BE REMOVED.
02 4116.CE	LOCALIZED REMOVAL OF INTERIOR GWB FOR TEACHING WALL INSTALLATION.
02 4116.CF	LOCALIZED REMOVAL OF INTERIOR GWB FOR DOWNSPOUT BLOCKING INSTALLATION.
02 4116.K	EXISTING SOAP DISPENSER TO BE REMOVED. TYP.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
07 6200.E	RELOCATED WALL-MOUNTED DOWNSPOUT AND DRAINAGE INLET. CONNECT TO EXISTING STORM DRAIN SYSTEM AND PERFORM ALL ASSOCIATED WORK. INSTALL BLOCKING FROM INTERIOR, PATCH AND REFINISH SURFACE
09 7200.C	STAINLESS STEEL BACKSPLASH
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.I	MOP SINK. REFER TO PLUMBING.
22 0000.O	HI LOW DRINKING FOUNTAIN WITH BOTTLE FILLER. REFER TO PLUMBING.
22 0000.Q	SINK. REFER TO PLUMBING.
22 0000.V	CONDENSATE PIPE LOCATION, CUT IN DRYWALL TO RUN PIPE TO SINK. REFER TO PLUMBING.

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BLDG. 400 - FLOOR PLANS - DEMOLITION & PROPOSED

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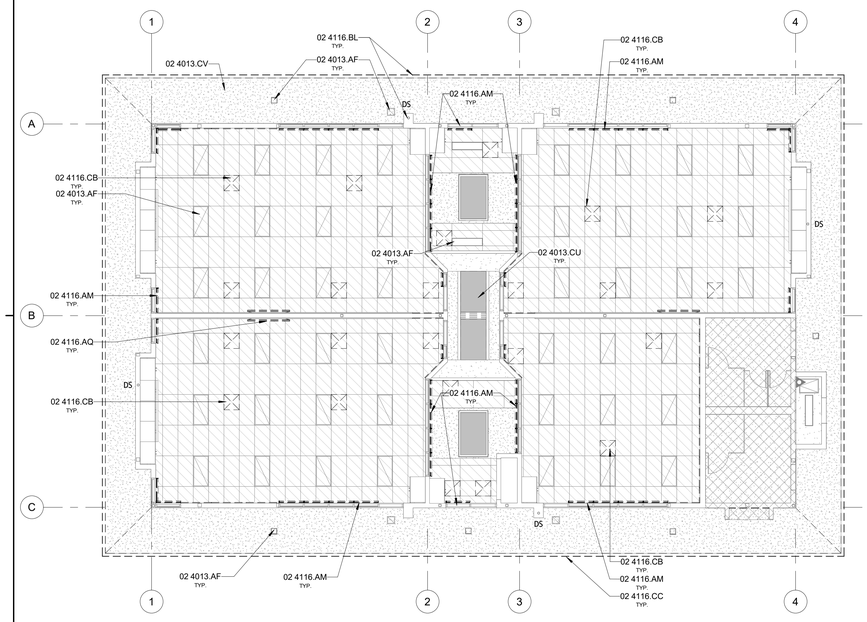
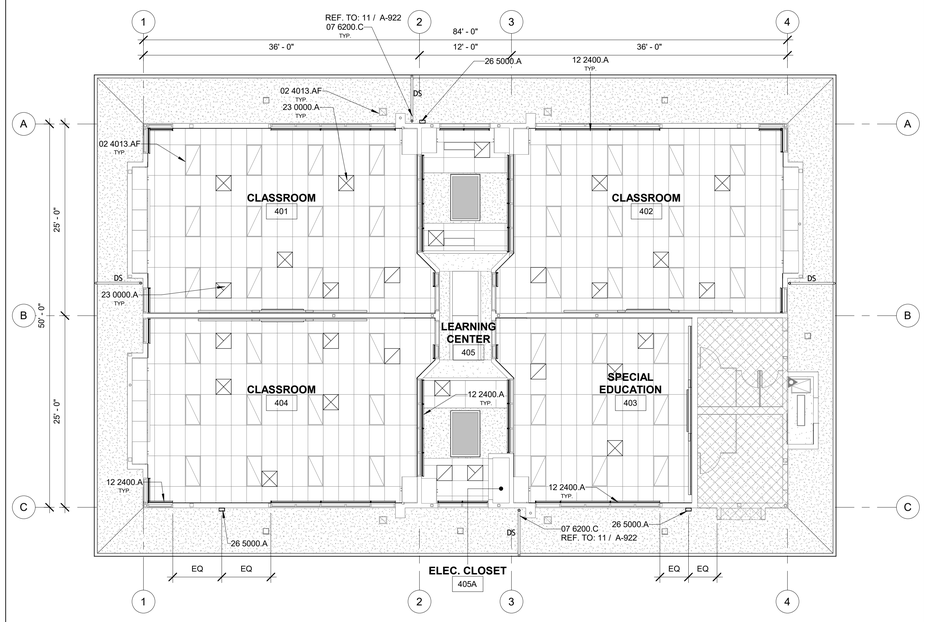


1 BUILDING 400 - REFLECTED CEILING PLAN - DEMOLITION

A4-111 SCALE: 1/8" = 1'-0"



2 BUILDING 400 - REFLECTED CEILING PLAN - PROPOSED

A4-111 SCALE: 1/8" = 1'-0"

RCP GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
3. HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB TO FINISH FACE OF GWB OR FACE OF CEILING GRID
4. BORDERS AT LAY-IN ACOUSTICAL CEILING PANELS SHALL BE CUT TO MATCH FACTORY EDGE PROFILE. NO EXPOSED FASTENERS SHALL BE PERMITTED INCLUDING POP RIVETS AND TAPPETS.
5. FINAL LOCATION OF CEILING ACCESS PANELS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC.
6. AT MODIFIED SUSPENDED CEILINGS, COMPRESSION STRUTS FOR SUSPENDED CEILINGS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. COMPRESSION STRUT LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
7. ALL LIGHT FIXTURES ARE TO BE INSTALLED ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
8. CEILING LIGHT FIXTURES ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. CEILING LIGHT FIXTURE LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
9. CONTRACTOR IS RESPONSIBLE FOR ANY COSTS ARISING FROM REROUTING OVERHEAD UTILITIES, PIPES, DUCTS, CONDUITS, ETC. WHEN IN CONFLICT WITH SUSPENDED CEILING COMPRESSION STRUTS AND CEILING LIGHT FIXTURES.
10. APPROXIMATE CEILING DEMOLITION EXTENTS SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL EXTENTS OF CEILING DEMOLITION NEEDED IN ORDER TO INSTALL THE PROPOSED SCOPE IN THE ATTIC OR CEILING SPACE.

KEYNOTES

02 4013.AF	EXISTING LIGHT FIXTURE TO REMAIN. PROTECT IN PLACE. TYP.
02 4013.CU	EXISTING SKYLIGHT TO REMAIN. PROTECT IN PLACE.
02 4013.CV	EXISTING SOFFIT TO REMAIN. PROTECT IN PLACE.
02 4116.AM	EXISTING WINDOW BLINDS TO BE REMOVED. TYP.
02 4116.AQ	EXISTING WALL-MOUNTED TV AND BRACKET TO BE REMOVED.
02 4116.BL	EXISTING GUTTER AND DOWNSPOUTS TO BE REMOVED. ABANDON INTERNAL DOWNSPOUTS
02 4116.CB	EXISTING MECHANICAL DIFFUSERS TO BE REMOVED. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
02 4116.CC	EXISTING GUTTER TO BE REMOVED.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
12 2400.A	ROLLER WINDOW SHADES. TYP.
23 0000.A	MECHANICAL EQUIPMENT. REFER TO MECHANICAL
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.

DEMO RCP LEGEND

- (E) ACOUSTIC CEILING SYSTEM TO REMAIN, REMOVE AND SET (E) ACT TILES ASIDE AS NEEDED FOR MECHANICAL/ELECTRICAL WORK ABOVE CEILING, IF WORK ABOVE CEILING REQUIRES MODIFYING GRID, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2.
- DEMO - INTERIOR - DIRECT APPLIED ACOUSTICAL TILE, (E) GYPSUM BOARD SUBSTRATE, (E) FRAMING AND STRAPPING TO REMAIN. PROTECT IN PLACE
- APPROXIMATE EXTENT OF GWB CEILING REMOVAL TO COMPLETE MEP SCOPE IN ATTIC, PROTECT IN PLACE (E) FRAMING, REFER TO MEP DRAWINGS. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK.
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- INTERIOR - (E) GWB CEILING, PROTECT IN PLACE, PATCH AS NEEDED TO PERFORM WORK IN ATTIC OR CEILING SPACES
- AREA NOT IN SCOPE
- LIGHT FIXTURE TO BE REMOVED & REPLACED, REFER TO ELECTRICAL PLANS
- SUPPLY / RETURN / EXHAUST REMOVED & REPLACED, REFER TO MECHANICAL PLANS
- CEILING ACCESS PANEL

PROPOSED RCP LEGEND

- XX'-X" — CEILING HEIGHT (SEE PLAN FOR ACTUAL HEIGHTS)
- ACT-1 — INTERIOR (E) TO REMAIN - 2X4 SUSPENDED ACOUSTIC CEILING SYSTEM, REINSTALL (E) CEILING TILES IN (E) GRID, REPLACE DAMAGED TILES AS NEEDED. IF GRID IS MODIFIED FOR ABOVE CEILING WORK, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2, SEE A-951 AND A-952
- ACT-2 — INTERIOR - 12X12 ACOUSTIC CEILING TILE, DIRECT APPLIED W/ ADHESIVE MEETING ASTM D1779. INSTALL OVER GYP. BOARD CEILING INSTALLED IN ACCORDANCE W/ GA-216, LEVEL 2 FINISH. REF. TO: 21/A-942
- PATCHED GYPSUM BOARD CEILING APPLIED TO (E) FRAMING & STRAPPING
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- APPROXIMATE EXTENT OF DRYWALL CEILING PATCHING TO COMPLETE PROPOSED WORK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK.
- AREA NOT IN SCOPE
- CEILING ACCESS PANEL
- MECHANICAL EQUIPMENT, REFER TO MECHANICAL PLANS SUPPLY / RETURN / EXHAUST, REFER TO MECHANICAL PLANS
- LIGHT FIXTURE, REFER TO ELECTRICAL PLANS

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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 400 - REFLECTED CEILING PLAN - DEMOLITION & PROPOSED

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A4-111

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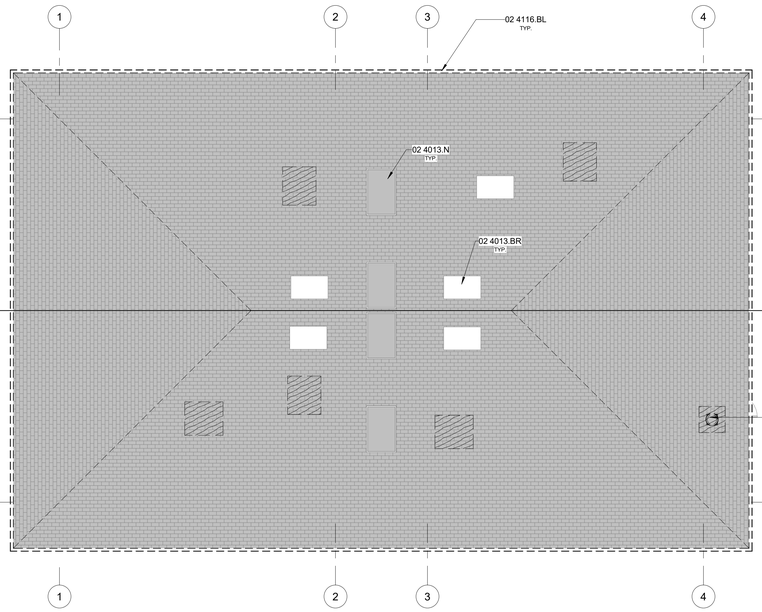
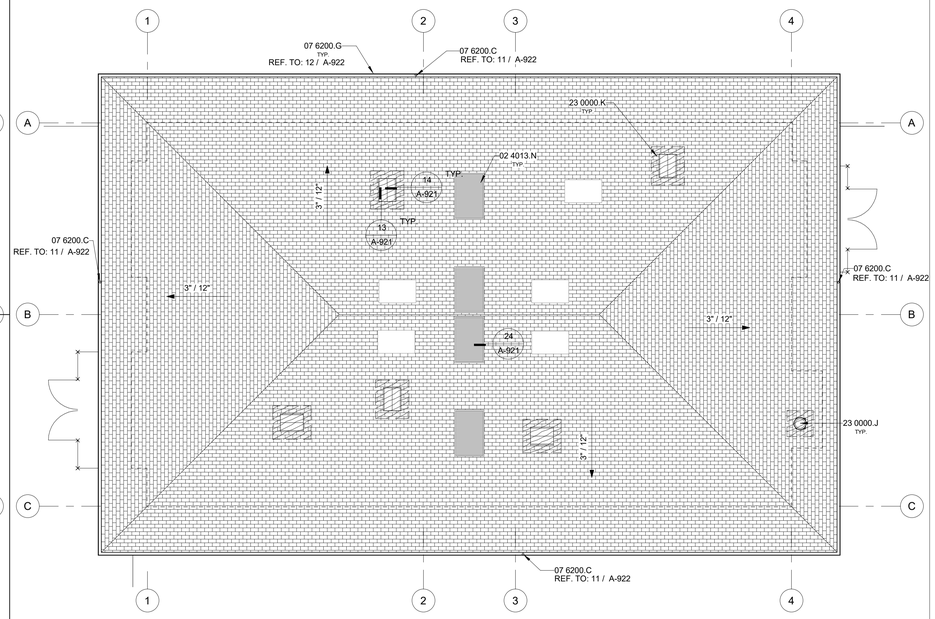


1 BUILDING 400 - ROOF PLAN - DEMOLITION

A4-121 SCALE: 1/8" = 1'-0"



2 BUILDING 400 - ROOF PLAN - PROPOSED

A4-121 SCALE: 1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
2. REFER TO GRADING & DRAINAGE PLAN FOR DOWNSPOUT CONNECTIONS TO STORM DRAIN SYSTEM.
3. ALL ROOFING ASSEMBLIES ARE TO BE CLASS-A RATED. REFER TO SPECIFICATIONS FOR MORE INFORMATION. WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (***2022 CBC SECTION 1202***).
4. CONTRACTOR TO VERIFY IN FIELD IF REPAIRS ARE NEEDED ON THE ROOF CUPOLAS.
5. PROVIDE ALLOWANCE FOR DAMAGED ROOF SHEATHING TO BE REPLACED AFTER ROOF IS REMOVED. ASSUME 5% OF ROOF SHEATHING WILL BE DAMAGED.

KEYNOTES

02 4013.BR	EXISTING LOUVERED PENTHOUSE TO REMAIN. PROTECT IN PLACE.
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
02 4116.BL	EXISTING GUTTER AND DOWNSPOUTS TO BE REMOVED. ABANDON INTERNAL DOWNSPOUTS
02 4116.BW	EXISTING MECHANICAL EXHUAST TO BE REMOVED. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
07 6200.G	PRE-FINISHED METAL GUTTER
23 0000.J	EXHAUST HOOD. REFER TO MECHANICAL.
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.

DEMO ROOF PLAN LEGEND

- 1" / 12" — ROOF SLOPE. EXISTING, V.I.F.
- DS — ALL EXTERIOR DOWNSPOUTS TO BE REMOVED AND REPLACED. INTERIOR DOWNSPOUTS TO REMAIN AND TO BE ABANDONED. CONTRACTOR TO VERIFY IN FIELD. REFERENCE RCPS FOR LOCATIONS.
- EXISTING COMPOSITE SHINGLE ROOF AND UNDERLAYMENT TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE, UON
- EXISTING SINGLE PLY ROOF TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE.
- AREA NOT IN SCOPE
- EXISTING GUTTER TO REMAIN. PROTECT IN PLACE.
- ROOF DRAINS, APPROXIMATE LOCATION. REFER TO PLUMBING PLANS.
- MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
- APPROXIMATE EXTENT OF PLYWOOD SHEATHING REMOVAL. REMOVE PLYWOOD SHEATHING ONLY AS REQUIRED TO INSTALL STRUCTURAL FRAMING OR MECHANICAL EQUIPMENT WHERE OCCURS. CONTRACTOR TO COORDINATE FULL EXTENT OF REMOVAL NEEDED WITH PROPOSED WORK. REFERENCE STRUCTURAL AND MECHANICAL.

ROOF PLAN LEGEND

- 1" / 12" — (E) ROOF SLOPE, VIF
- DS — DOWNSPOUT. REFERENCE RCPS FOR LOCATIONS. FOR DOWNSPOUT, SEE DETAIL
- COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
- SINGLE PLY ROOFING, 80-MIL PVC (FIRE RESISTANCE: CLASS A) (ICC-ES EVALUATION REPORT: ESR-1157) SEE EXTERIOR DETAILS
- (E) CRICKET TO REMAIN, VERIFY SLOPE IN FIELD. PROPOSED TAPERED RIGID INSUL. CRICKETS AT EQUIPMENT NOTED ON PLAN
- EXISTING COPPER GUTTERS TO REMAIN AND PROTECT IN PLACE. EXISTING ALUMINUM GUTTERS TO BE DEMOLISHED AND REPLACED. PROVIDE EDGE METAL. CONTRACTOR TO VERIFY IN FIELD.
- MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
- WALL BELOW
- ROOF WALKWAY PADS. SEE SPEC
- APPROXIMATE EXTENTS OF PLYWOOD SHEATHING PATCH BACK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK. REFERENCE STRUCTURAL & MECHANICAL

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DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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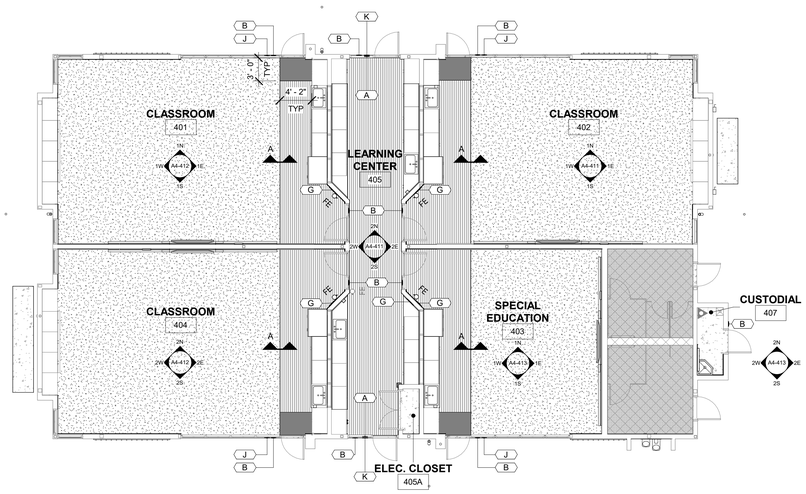

1 BUILDING 400 - FINISH & SIGNAGE PLAN

A4-131 SCALE: 1/8" = 1'-0"

MATERIALS SCHEDULE

MARK	MATERIAL	MANUFACTURER	PATTERN/TEXTURE	COLOR	COMMENTS
FLOORS					
CPT-1	SHEET CARPET	TARKETT	AFTERMATH II 03026	TAPESTRY 23512	POWERBOND (NOT TILE)
CPT-2	WALK-OFF MAT	TARKETT	ABRASIVE ACTION II	CHARCOAL 19100	POWERBOND (NOT TILE)
LVT	LUXURY VINYL TILE	TARKETT	EVEN PLANE	MINIMAL WOOD, GREY 8713	PLANK
LIN	LINOLEUM	FORBO	MARMOLEUM, REAL	EIGER 2629	WELDED SEAMS
CONC	SEALED CONCRETE		CLEAR SEAL		
RUB	RUBBER STAIR TREAD/RISER	JOHNSONITE	ANGLE FIT	BLACK	WITH RISER, CONTRAST STRIPING
TL-1	FLOOR TILE	DALTILE	2X2 MOSAIC	DESERT GREY SPECKLE, D200	TCNA F112-21 WITH MEMBRANE
WALLS					
B-1	RUBBER WALL BASE	JOHNSONITE	4" HIGH RUBBER BASE	BLACK	COILED ROLL
B-2	TILE WALL BASE	DALTILE	5X12 COVE BASE	DESERT GREY SPECKLE, D200	
B-3	LINOLUM WALL BASE	FORBO	MARMOLEUM, REAL	EIGER 2629	CONTINUOUS WITH FLOORING
VTB	VINYL COVERED TACKBOARD	KOROSEAL	INSIGHT	SHIMMER 6322-91	PERFORATED AT MUSIC CLASSROOM
FRP	FIBER REINFORCED PANELS	MARALITE	EMBOSSED/PEBBLED	WHITE	CLASS A
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
WCG	WALL CORNER GUARD			STAINLESS STEEL	SURFACE MOUNT
CASEWORK					
PL-1	PLASTIC LAMINATE COUNTERTOP	WILSONART	MAGNOLIA	LENO WEAVE 5012K-19	
PL-2	PLASTIC LAMINATE CABINET	WILSONART	KHAKI BROWN	MATTE FINISH D50-60	
CEILING					
ACT-1	ACOUSTIC CEILING TILE-2X4	ARMSTRONG	2X4, SCHOOL ZONE FINE FISSURED	WHITE	MATCH EXISTING
ACT-2	ACOUSTIC CEILING TILE - 12X12	ARMSTRONG	FINE FISSURED TILE, #746	WHITE	DIRECT APPLIED (NO SUSPENSION SYSTEM)
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
MISCELLANEOUS					
PT-1	INTERIOR DOOR FRAMES	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	MATCH EXISTING
PT-2	INTERIOR DOORS	SHERWIN WILLIAMS	SEMI-GLOSS	GRAND CANAL, SW6488	MATCH EXISTING
	ROLLER SHADES - FABRIC	MECHO SHADE	THERMOVEIL, 1700...	1716 EGGSHELL	1% OPEN
	ROLLER SHADES - FASCIA	MECHO SHADE		WHITE	

ROOM FINISH SCHEDULE

	NAME	FLOOR	WALL			CEILINGS		NOTES
			BASE	SUBSTRATE	FINISH	MATERIAL	FINISH	
401	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST	EXIST	SEE INTERIOR ELEVATIONS
402	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST	EXIST	SEE INTERIOR ELEVATIONS
403	SPECIAL EDUCATION	LVT / CPT	RB	EXIST	PT / VTB	EXIST	EXIST	SEE INTERIOR ELEVATIONS
404	CLASSROOM	LVT / CPT	RB	EXIST	PT / VTB	EXIST	EXIST	SEE INTERIOR ELEVATIONS
405	LEARNING CENTER	LVT	RB	EXIST	PT	EXIST / GWB	EXIST / PT	SEE INTERIOR ELEVATIONS
405A	ELEC. CLOSET	CONC	RB	EXIST	PT	EXIST	EXIST	SEE INTERIOR ELEVATIONS
407	CUSTODIAL	CONC	RB	EXIST	PT / FRP	EXIST	EXIST	SEE INTERIOR ELEVATIONS

NOTE: *REFER TO RCP FOR EXTENTS OF GWB CEILING PATCHING
*WELLS AT SKYLIGHTS AND SMOKE VENTS TO BE PAINTED
*MISC INTERIOR WOOD TRIM TO BE PAINTED TO MATCH SURROUNDING WALLS

ABBREVIATIONS

EXIST EXISTING TO REMAIN

BASE
LIN LINOLEUM
RB RUBBER BASE
TL TILE COVE BASE

CEILING
ACT ACOUSTIC CEILING TILE
GWB GYPSUM BOARD, PAINT FINISH.
OPEN OPEN TO ABOVE

FINISH
FRP FIBER REINFORCED PANEL
PRE MANUFACTURER FINISHED
PT PAINT
VTB VINYL COVERED TACKBOARD

FLOORS
CONC EXPOSED CONCRETE, CLEAR SEAL FINISH.
CPT CARPET TILES, TRANSITION STRIPS AT EXPOSED EDGES.
LIN LINOLEUM
LVT LUXURY VINYL TILE
TL FLOOR TILE

SUBSTRATE
CB CEMENT BOARD
GWB GYPSUM BOARD

FINISH PLAN GENERAL NOTES

1. PROVIDE SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
2. REFER TO FLOORING MFR'S REQUIREMENTS FOR CONCRETE SLAB TESTING AND PREPARATION, AND PROVIDE MITIGATING MEASURES WHERE REQUIRED PER MFR.
3. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS.
4. ALL FLOOR FINISH MATERIAL CHANGES SHALL HAVE TRANSITION STRIPS. REFER TO DETAIL 32/A-701.
5. ALL FLOORING MATERIALS SHALL COMPLY WITH ***2022 CBC SEC. 804.1.***
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL WALL FINISH INFORMATION.
8. REMOVE AND DEMO EXISTING SIGNS. PATCH AND PAINT AREAS AS NEEDED.
9. ALL DOORS AND DOOR FRAMES TO BE PAINTED. SEE MATERIALS SCHEDULE.
10. CONTINUE FLOORING TO WALL AT OPEN CASEWORK SINK APRONS AND COUNTERTOP WITHOUT BASE CABINETS. NO EXPOSED UNFINISHED SLAB.

FINISH REQUIREMENTS (MIN.)

PER ***2022 CBC 803.13*** INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN THAT SPECIFIED IN TABLE 803.13 FOR THE GROUP AND LOCATION DESIGNATED. REFER TO ***2022 CBC SEC. 803*** FOR ADDITIONAL INFORMATION.

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY
(CBC 2022 TABLE 803.13)

DEGREE OF FIRE PROTECTION: SPRINKLERED

GROUP	INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	ROOMS AND ENCLOSED SPACES
A-1 & A-2	B	B	C
A-3,A-4,A-5	B	B	C
B,E,M,R-1	B	C	C
R-2	C	C	C
R-2.1	B	C	C
R-2.2	C	C	C
R-3, R-3.1	C	C	C
S	C	C	C

CLASSIFICATIONS
CLASS A:
- FLAME SPREAD INDEX = 0-25
- SMOKE DEVELOPED INDEX = 0-450

CLASS B:
- FLAME SPREAD INDEX = 26-75
- SMOKE DEVELOPED INDEX = 0-450

CLASS C:
- FLAME SPREAD INDEX = 76-200
- SMOKE DEVELOPED INDEX = 0-450

NOTE: SPECIFIED MATERIALS MAY INTENTIONALLY EXCEED MINIMUM REQUIREMENTS.

SIGNAGE NOTES

(A) TACTILE EXIT SIGN READING "EXIT". WHERE MOUNTED ON GLASS, SIZE EXIT SIGN TO MATCH EXTERIOR GLASS MOUNTED ROOM IDENTIFICATION SIGNAGE. ALIGN EXIT SIGN WITH ROOM SIGNAGE WHEN MOUNTING. ***REFER TO CODE PLAN FOR EXITING.*** REF. TO: 12 / A-904

(B) ROOM IDENTIFICATION SIGN. WHERE SIGN IS ONE-SIDED AND MOUNTED ON GLASS, INSTALL OPAQUE VINYL TO MATCH COLOR AND SIZE OF PLAQUE BEHIND THE SIGN. ***PROVIDE ROOM ID AT ALL INTERIOR AND EXTERIOR DOORS.*** REF. TO: 22 / A-904

(C) ROOM IDENTIFICATION SIGN. PROVIDE DIRECTIONAL SIGNAGE TO NEAREST ACCESSIBLE RESTROOM. REF. TO: 15 / A-904

(D) GEOMETRIC SYMBOL MOUNTED ON DOOR. REF. TO: 14 / A-904

(E) ROOM IDENTIFICATION WITH PICTOGRAM AND INTERNATIONAL SYMBOL OF ACCESSIBILITY. REF. TO: 15 / A-904

(F) CEILING-MOUNTED ILLUMINATED EXIT SIGN. ***REFER TO CODE PLAN FOR EXITING.*** SEE ELECTRICAL.

(G) INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED, INCLUDE WORDING THAT STATES, "ASSISTIVE LISTENING SYSTEM AVAILABLE." ***SEE FINISH PLAN FOR SIGNAGE PLACEMENT.*** REF. TO: 23 / A-904

(H) OCCUPANT LOAD SIGN THAT STATES "MAXIMUM OCCUPANCY ____ PERSONS"
"_____" # AT BUILDING G MULTI-PURPOSE ROOM
PROVIDE OCCUPANT LOAD SIGN AT ROOMS WITH OCCUPANTS GREATER THEN 50. REFER TO CODE PLAN FOR OCCUPANT LOAD CALCULATIONS. REF. TO: 24 / A-904

(J) DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF NEAREST ENTRANCE WITH AN ACCESSIBLE DOOR.

(K) ENTRANCE SIGNAGE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

(L) RESTRICTION SIGNAGE THAT STATES "NO FREIGHT" WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

LEGEND (WHERE APPLICABLE)

CPT 1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

FLOORS

CONC-2 SEALED CONCRETE

CPT-1 CARPET

LVT LVT FLOORING
NOTE
LVT FLOORING TO EXTEND UNDER CABINETS WHERE OPEN BELOW

CPT-2 WALK-OFF MAT

LIN LINOLEUM

TL-1 TILE FLOORING

EPOXY COATING OVER CONCRETE FLATWORK

NOT IN SCOPE

(E) GYMNASIUM FLOOR, TO REMAIN, PROTECT IN PLACE

X FLOORING TRANSTION:
- "A": LVT TO CARPET
- "B": CARPET TO CONCRETE (POLISHED OR SEALED)
- "C": LVT TO CONCRETE (POLISHED OR SEALED)
- "D": LINOLEUM TO WOOD
- "E": LVT TO WOOD
- "F": CONCRETE (POLISHED OR SEALED) TO WOOD

WALLS

CORNER GUARDS

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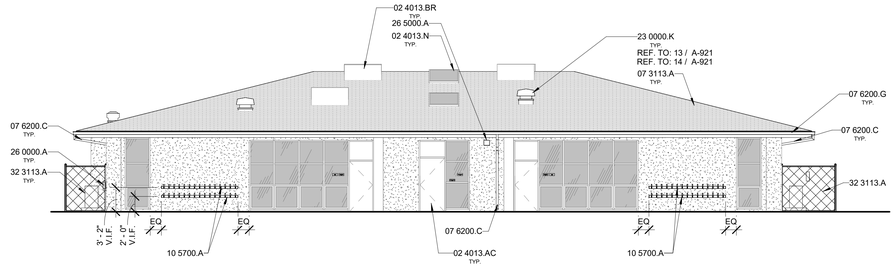
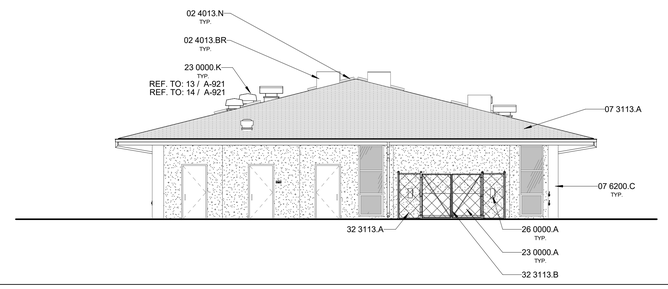


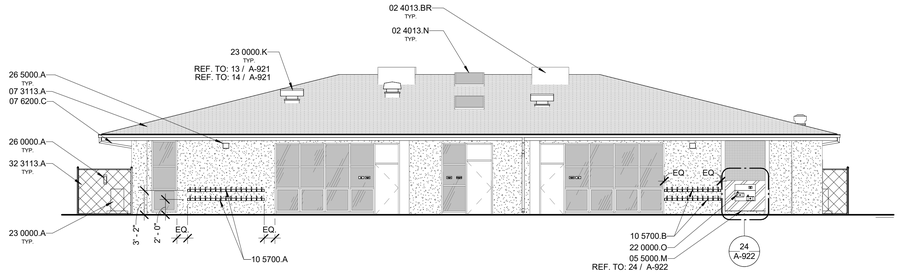
1 BUILDING 400 - NORTH ELEVATION

A4-101 | A4-201 SCALE: 1/8" = 1'-0"



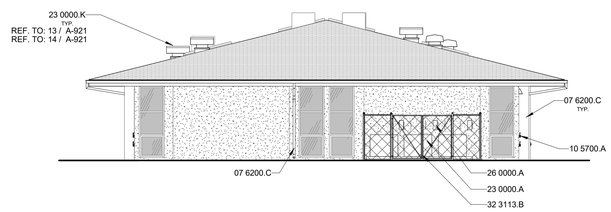
2 BUILDING 400 - EAST ELEVATION

A4-101 | A4-201 SCALE: 1/8" = 1'-0"



3 BUILDING 400 - SOUTH ELEVATION

A4-101 | A4-201 SCALE: 1/8" = 1'-0"



4 BUILDING F - WEST ELEVATION

A4-101 | A4-201 SCALE: 1/8" = 1'-0"

EXTERIOR MATERIALS SCHEDULE

Tag	Description	Application	Manufacturer	Pattern/Texture	Color	Other
PAINT						
XPT-1	EXTERIOR PAINT	(N) FASCIA	SHERWIN WILLIAMS		TBD	MATCH EXISTING
XPT-2	EXTERIOR PAINT	STEEL DOWNSPOUTS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOOR FRAMES	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOORS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	FASCIA BOARDS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
MISC.						
	ROOF	ASPHALT SHINGLE	CERTAINTEED	LANDMARK SOLARIS	GEORGETOWN GRAY	
	GUTTERS AND SHEET METAL DOWNSPOUT LEADERS		MCELROY METALS	PREFINISHED KYNAR 500	MATCH EXISTING TO REMAIN COPPER GUTTERS	
	ROOFTOP MECH / PLUMBING EQUIPMENT		PREFINISHED OR PAINTED	PREFINISHED OR PAINTED	MATCH ROOFING	

ELEVATION GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.
3. SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. REFER TO ROOF PLAN FOR ROOF PITCH AND OVERHANGS. FASCIA PER DETAILS.
5. SEE ROOF PLAN FOR EXISTING AND PROPOSED ROOF ELEMENTS, AND APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.
6. REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION.
7. SEE ELECTRICAL DRAWINGS FOR ALL EXISTING AND PROPOSED EXTERIOR LIGHTING
8. SEE MECHANICAL DRAWINGS FOR GRILLES AND LOUVERS. PAINT TO MATCH ADJACENT FINISH.
9. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK.
10. DO NOT REMOVE EXTERIOR FINISHES UNLESS AS NOTED. COORDINATE ALL BLOCKING, ELECTRICAL AND OTHER REQUIRED SCOPE TO BE INSTALLED FROM THE INTERIOR. SEE DEMOLITION NOTES ON FLOOR PLAN SHEETS.

KEYNOTES

02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.BR	EXISTING LOUVERED PENTHOUSE TO REMAIN. PROTECT IN PLACE.
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
05 5000.M	STAINLESS STEEL SHEET BACKSPLASH. SEE DETAIL
07 3113.A	ASPHALT SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. TYP.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
07 6200.G	PRE-FINISHED METAL GUTTER
10 5700.A	BAG HOOKS. 8" SPACING, PROVIDE TWO (2) 10' LENGTHS TO PROVIDE 30 HOOKS PER CLASSROOM
10 5700.B	BAG HOOKS. 8" SPACING. PROVIDE TWO (2) 7'-4" LENGTHS TO PROVIDE 22 HOOKS.
22 0000.O	HI LOW DRINKING FOUNTAIN WITH BOTTLE FILLER. REFER TO PLUMBING.
23 0000.A	MECHANICAL EQUIPMENT. REFER TO MECHANICAL
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.
26 0000.A	ELECTRICAL DISCONNECT. REFER TO ELECTRICAL.
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.
32 3113.A	6 'CHAIN LINK FENCE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.
32 3113.B	6' CHAIN LINK GATE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.

LEGEND

- (E) CEMENT PLASTER SYSTEM TO REMAIN
- (E) GLAZING TO REMAIN
- (E) TILE TO REMAIN
- COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
- STAINLESS STEEL SHEET BACKSPLASH REF. TO: 24 / A-922

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DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
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DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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C 40884
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RENEWAL DATE
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CONSULTANT

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 400 - EXTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A4-201

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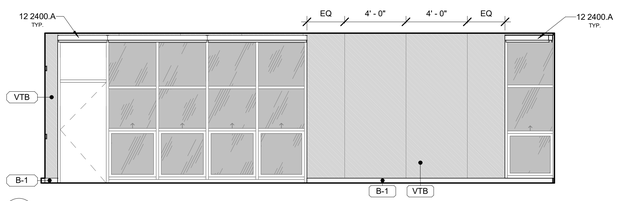
TYP. CLASSROOM INTERIOR ELEVATIONS



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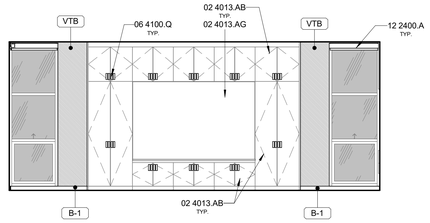

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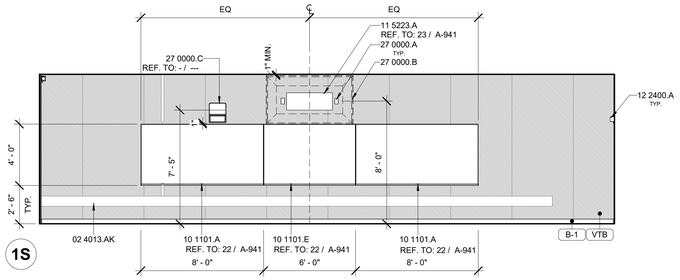

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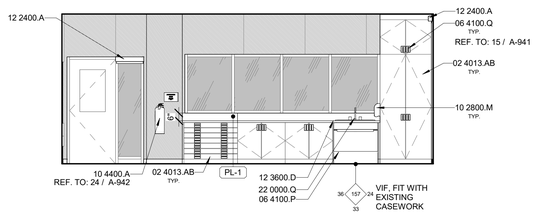
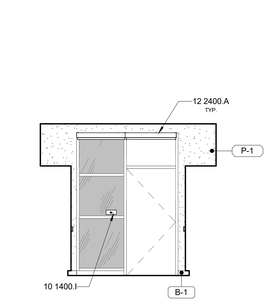


1W

1/4" = 1'-0" **402 - CLASSROOM**



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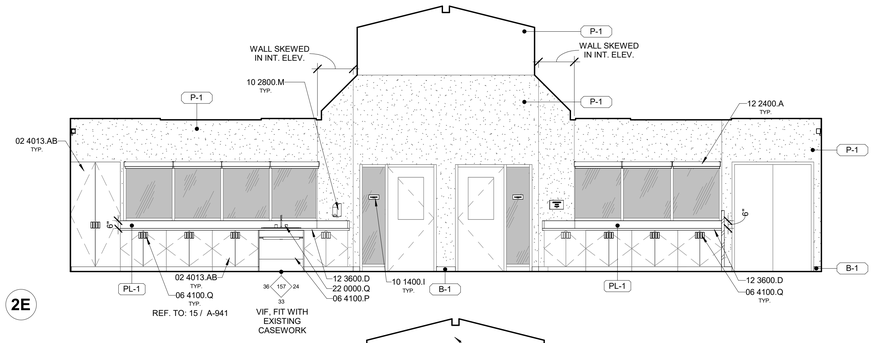

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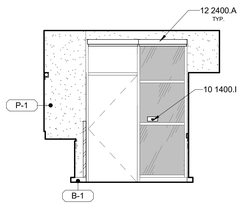

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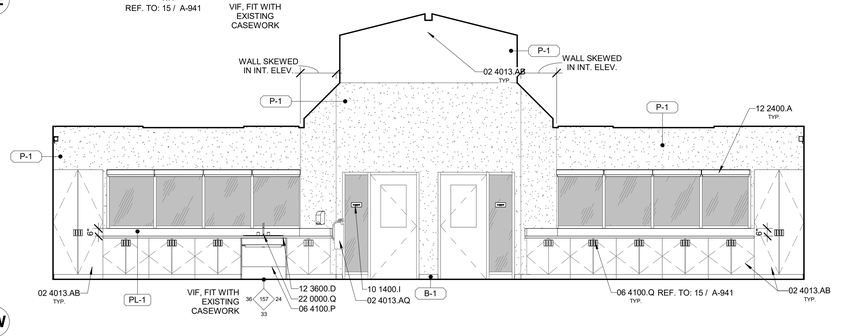

2W

1/4" = 1'-0" **405 - LEARNING CENTER**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AG	EXISTING MARKERBOARD TO REMAIN. PROTECT IN PLACE.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1101.E	4' x 6' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 2800.M	-
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.
11 5223.A	WALL-MOUNTED BRACKET FOR TV WITH SOLID BLOCKING SUPPORT. CUT INTO DRYWALL AS NEEDED TO INSTALL REQUIRED BLOCKING. PATCH AND REFINISH WALL.
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.Q	SINK. REFER TO PLUMBING.
27 0000.A	CABLE/DATA/POWER CONNECTION, REFER TO ELECTRICAL
27 0000.B	WALL-MOUNTED TV BY OWNER.
27 0000.C	CLOCK SPEAKER; REFER TO ELECTRICAL. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

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C 40884
10-31-27
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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 400 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH

DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
A4-411

DSA SUBMITTAL

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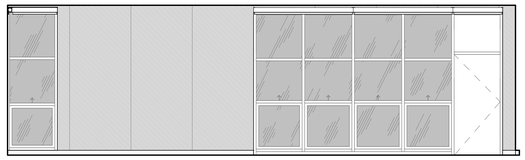
REFER TO TYP. CLASSROOM 402 INTERIOR ELEVATIONS ON A4-411 FOR TYP. INFORMATION



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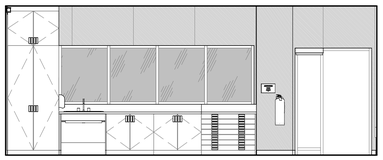

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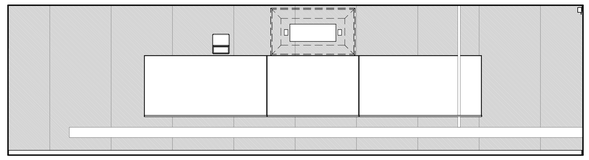

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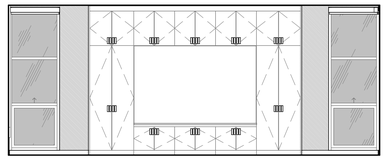
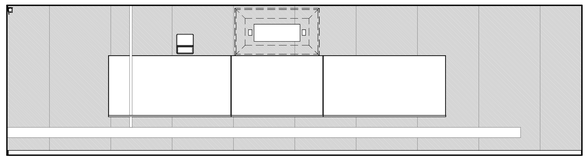


1W

1/4" = 1'-0" **401 - CLASSROOM**

REFER TO TYP. CLASSROOM 402 INTERIOR ELEVATIONS ON A4-411 FOR TYP. INFORMATION



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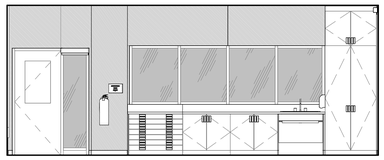

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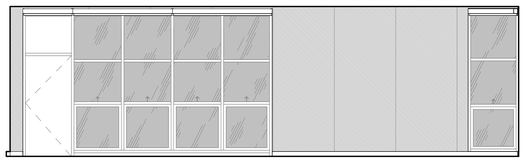

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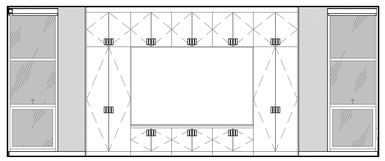

2W

1/4" = 1'-0" **404 - CLASSROOM**

INT. ELEVS. GENERAL NOTES

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2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
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7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

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3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER

WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN

MODULAR CASEWORK TAG

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JH
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DATE
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SHEET
A4-412

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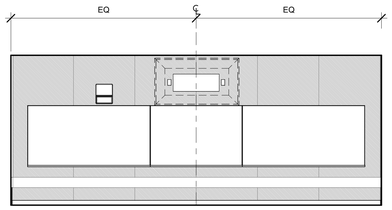

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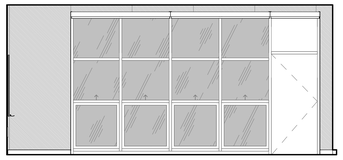

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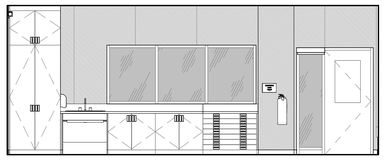
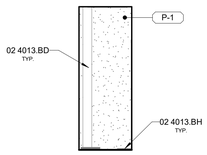


1W

1/4" = 1'-0"

403 - CLASSROOM



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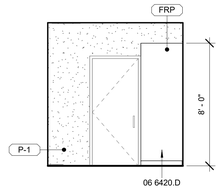

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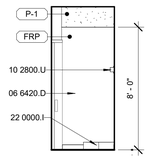

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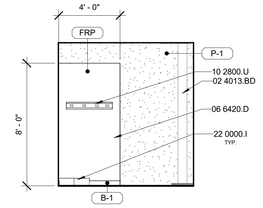

2W

1/4" = 1'-0"

408 - CUSTODIAL

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2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.BD	EXISTING FIRE RISER TO REMAIN. PROTECT IN PLACE.
02 4013.BH	EXISTING WATER HEATER TO REMAIN. PROTECT IN PLACE.
06 6420.D	FRP WALL PANEL
10 2800.U	MOP RACK
22 0000.I	MOP SINK. REFER TO PLUMBING.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS

VTB-1 — FRP

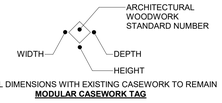
REFER TO INTERIOR ELEVATIONS

(T) — (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS



*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

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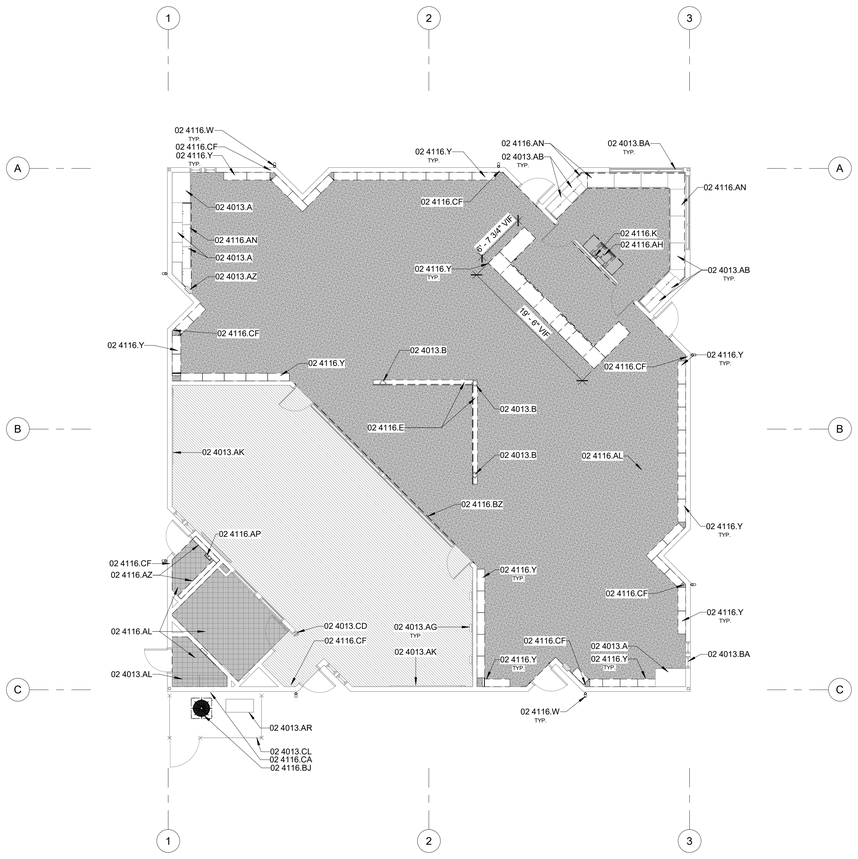
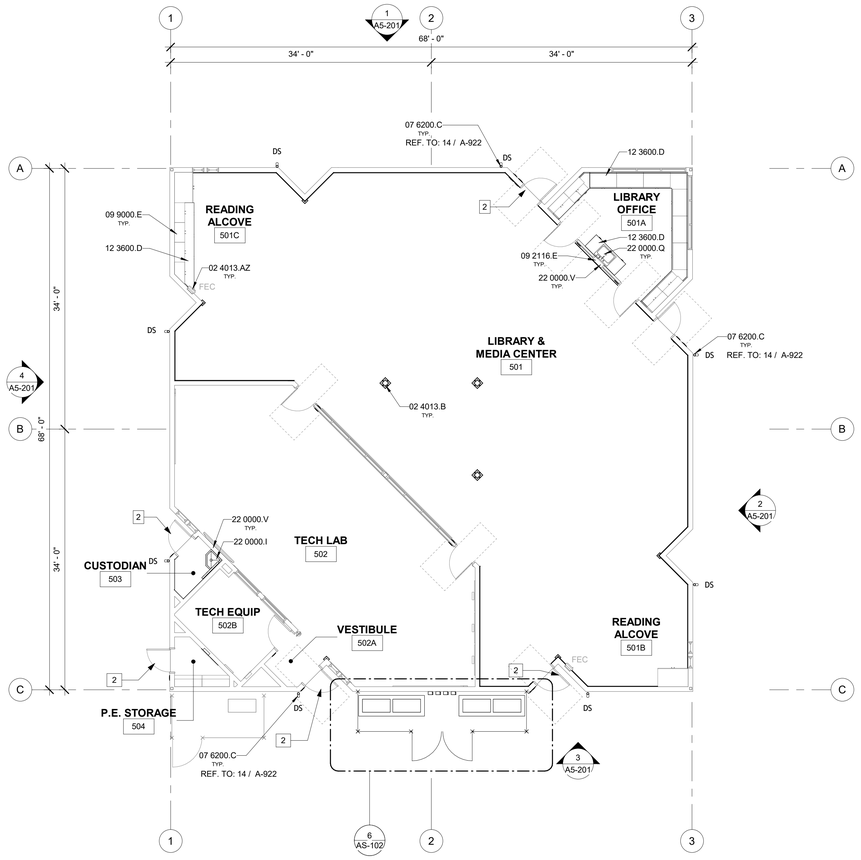


1 BUILDING 500 - FLOOR PLAN - DEMOLITION

A5-101 SCALE: 1/8" = 1'-0"



2 BUILDING 500 - FLOOR PLAN - PROPOSED

G-402 A5-101 SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM FOR FURTHER INFORMATION.
3. FLOOR PLAN DIMENSIONS ARE TO FACE OF FINISH UNLESS SPECIFICALLY NOTED OTHERWISE.
4. FOR INTERIOR ELEVATION TAGS, SEE FINISH & SIGNAGE FLOOR PLAN ON SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131.
5. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
6. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO GRAB BARS, FIXTURES, AND ACCESSORIES.
7. REFER TO SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131 ROOM FINISH SCHEDULES FOR EXISTING AND PROPOSED FINISHES.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE.
02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AG	EXISTING MARKERBOARD TO REMAIN. PROTECT IN PLACE.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AL	EXISTING BUILT-IN SHELF TO REMAIN.
02 4013.AR	EXISTING MECHANICAL EQUIPMENT TO REMAIN.
02 4013.AZ	EXISTING FIRE EXTINGUISHER CABINET TO REMAIN. VERIFY MOUNTING HEIGHTS MEET ACCESSIBILITY REQUIREMENTS. TYP.
02 4013.B	EXISTING COLUMN. PROTECT IN PLACE. PATCH GYP. BOARD AT REMOVED WALL. PAINT AFTER LOW WALL DEMO.
02 4013.BA	EXISTING WINDOW TO REMAIN AND BE RESCREENED WHERE APPLICABLE. PROTECT IN PLACE. TYP.
02 4013.CD	EXISTING FIRE EXTINGUISHER TO REMAIN.
02 4013.CL	EXISTING FENCE AND GATE TO REMAIN. PROTECT IN PLACE
02 4116.AH	EXISTING SINK AND SINK CABINET TO BE REMOVED. PROTECT ALL OTHER CABINETS AND PLUMBING IN PLACE, SEE PLUMBING PLANS. TYP.
02 4116.AL	EXISTING FLOORING AND WALL BASE TO BE REMOVED. PROTECT IN PLACE EXISTING CONCRETE SLAB UNDERNEATH AND WALL BEHIND, ETC. TYP.
02 4116.AN	EXISTING COUNTERTOP AND BACKSPLASH TO BE REMOVED. TYP.
02 4116.AP	EXISTING MOP SINK TO BE REMOVED.
02 4116.AZ	EXISTING BUILT-IN SHELF TO BE REMOVED
02 4116.BJ	EXISTING MECHANICAL EQUIPMENT TO BE REMOVED. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
02 4116.BZ	EXISTING WALL TRIM TO BE REMOVED.
02 4116.CA	EXISTING WALL MOUNTED COUNDUIT TO BE REMOVED IF ABANDONED, PROTECT IN PLACE EXISTING TERMINAL BOXES AND CONDUIT TO REMAIN IN USE.
02 4116.CF	LOCALIZED REMOVAL OF INTERIOR GWB FOR DOWNSPOUT BLOCKING INSTALLATION.
02 4116.E	EXISTING 3'-8" LOW WALL, TO BE REMOVED. PATCH GYP. BOARD AROUND EXISTING TO REMAIN COLUMNS.
02 4116.K	EXISTING SOAP DISPENSER TO BE REMOVED. TYP.
02 4116.W	EXISTING WALL-MOUNTED DOWNSPOUT TO BE REMOVED AND REPLACED. TYP.
02 4116.Y	EXISTING CASEWORK TO BE REMOVED.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
09 2116.E	PATCH AND REPAIR DRYWALL WHERE DAMAGED FROM DEMOLITION AND CUT-INS FOR NEW WORK, TYP.
09 9000.E	REFINISH ALL EXPOSED FINISHED SURFACES OF EXISTING CABINETS, REFER TO SPECS. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.I	MOP SINK. REFER TO PLUMBING.
22 0000.Q	SINK. REFER TO PLUMBING.
22 0000.V	CONDENSATE PIPE LOCATION, CUT IN DRYWALL TO RUN PIPE TO SINK. REFER TO PLUMBING.

(E) DOOR HARDWARE NOTES

1. REMOVE EXISTING LOCKSET. PREPARE DOOR AND PROVIDE NEW LOCKSET: SCHLAGE ND W/ 626 FINISH (OR EQUAL) AND 2X CORES: SCHLAGE 20-740 PRIMUS CORE (OR EQUAL). MATCH (E) DOOR LOCKSET FUNCTION
2. ADJUST EXISTING DOOR CLOSER TO COMPLY WITH CBC 11B-404.2.8 FOR CLOSING SPEED AND CBC 11B-404.2.9 FOR OPENING FORCE. PROVIDE NEW ALUMINUM SADDLE THRESHOLD AT EXISTING DOOR. MODEL ZERO 546 OR APPROVED EQUAL. INSTALL A BEAD OF BUTYL CAULK BEHIND FLANGE BEFORE INSTALL, TYP.
3. REMOVE AND REPLACE (E) DOOR PANEL. PROVIDE FLUSH HM DOOR PANEL PER SPECS TO FIT EXISTING FRAME. PROVIDE THE FOLLOWING HARDWARE IN ADDITION TO NOTES 1 AND 2 ABOVE:

3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188SBK PSA	BK	ZER
1	EA	FLOOR STOP	FS436/FS428 AS REQ'D	626	IVE

4. EXISTING DOOR REINSTALLED IN EXISTING FRAME WITH DOOR SWING FLIPPED AS SHOWN. PROVIDE NEW LOCKSET PER #1 ABOVE. REPLACE HINGES AS NECESSARY. MODIFY DOOR FRAME AS NEEDED FOR FLIPPED DOOR SWING
5. PROVIDE METAL LOUVER IN (E) DOOR PANEL.
6. REPLACE EXISTING DOOR CLOSER WITH CUSHION STOP CLOSER

LEGEND

- DEMO - INTERIOR - CARPET AND BASE
- DEMO - INTERIOR - LINOLEUM TILE AND BASE
- DEMO - INTERIOR - TILE AND BASE
- DEMO - AREA OF CASEWORK AND SINK REMOVED
- DEMO EXISTING PARTITION OR WALL FINISH
- PROTECT IN PLACE EXISTING
- EXISTING CONCRETE FLOOR TO REMAIN
- N.I.S. NOT IN SCOPE
- APPROXIMATE EXTENT OF EXISTING CONCRETE REMOVAL TO COMPLETE MEP SCOPE. SAWCUT AND REMOVE EXISTING SLAB AS NEEDED FOR SEWER AND ELECTRICAL SCOPE. PATCH BACK EXISTING CONCRETE AND SLAB. REFER TO MEP DRAWINGS FOR FULL SCOPE. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK. REF. TO: 23 / A-922
- FE EXISTING FIRE EXTINGUISHER TO REMAIN. SEE INTERIOR ELEVATIONS.
- FE FIRE EXTINGUISHER MOUNTED TO WALL. SEE INTERIOR ELEVATIONS. REF. TO: 24 / A-942
- FEC EXISTING FIRE EXTINGUISHER WITH CABINET TO REMAIN. SEE INTERIOR ELEVATIONS.
- DS DOWNSPOUT. REF. TO: 13 / A-922

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BLDG. 500 - FLOOR PLANS - DEMOLITION & PROPOSED

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CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A5-101

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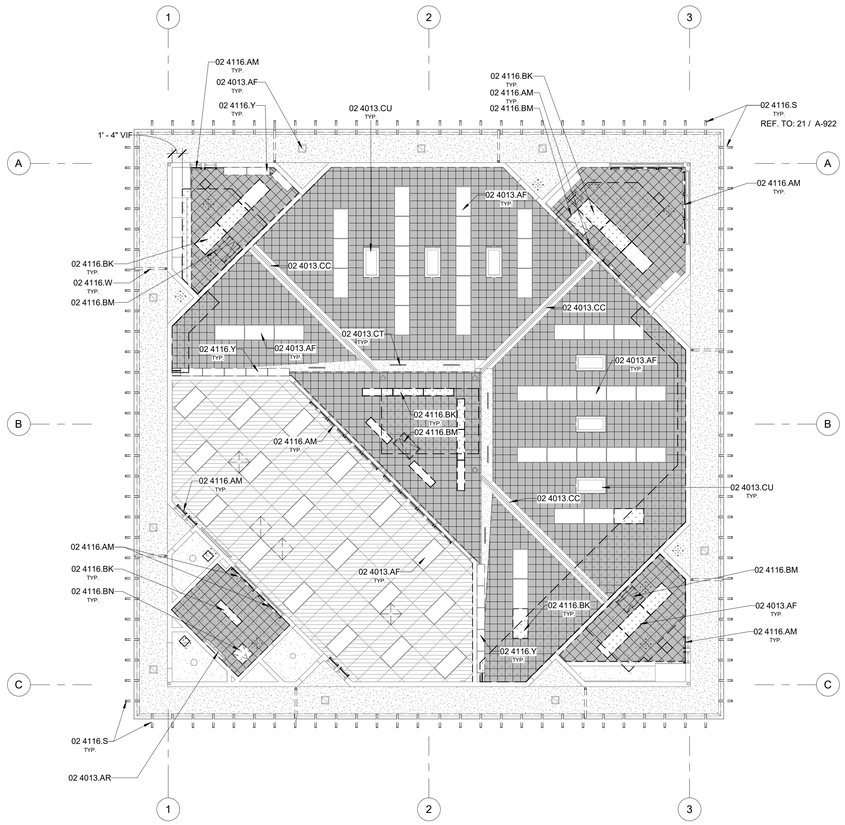
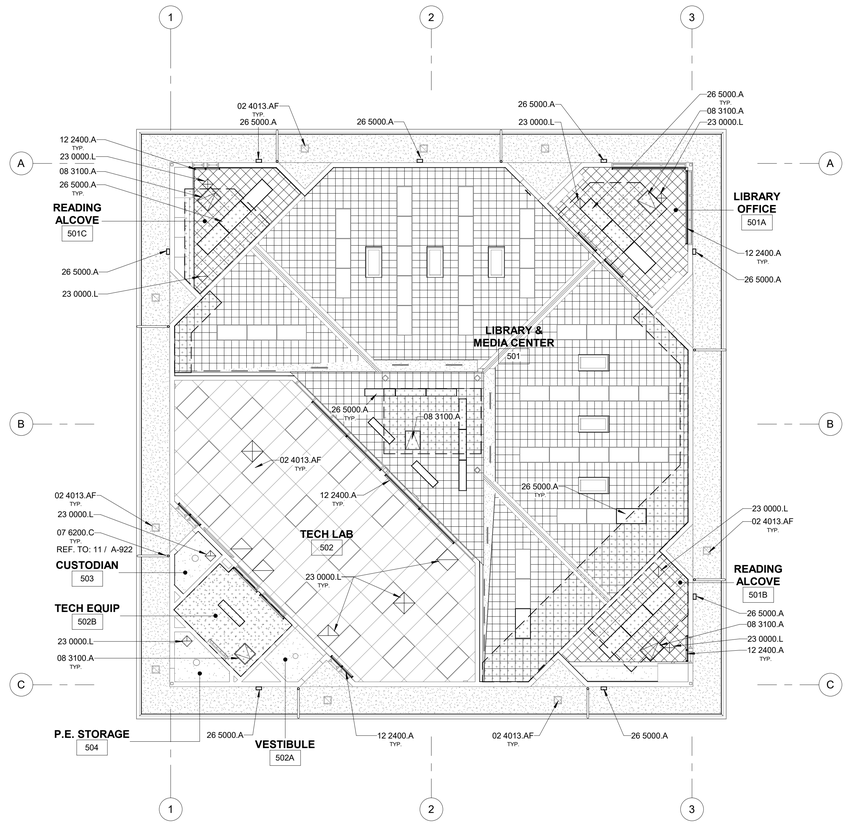


1 BUILDING 500 - REFLECTED CEILING PLAN - DEMOLITION

A5-111 SCALE: 1/8" = 1'-0"



2 BUILDING 500 - REFLECTED CEILING PLAN - PROPOSED

A5-111 SCALE: 1/8" = 1'-0"

RCP GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
3. HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB TO FINISH FACE OF GWB OR FACE OF CEILING GRID
4. BORDERS AT LAY-IN ACOUSTICAL CEILING PANELS SHALL BE CUT TO MATCH FACTORY EDGE PROFILE. NO EXPOSED FASTENERS SHALL BE PERMITTED INCLUDING POP RIVETS AND TAPPETS.
5. FINAL LOCATION OF CEILING ACCESS PANELS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC.
6. AT MODIFIED SUSPENDED CEILINGS, COMPRESSION STRUTS FOR SUSPENDED CEILINGS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. COMPRESSION STRUT LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
7. ALL LIGHT FIXTURES ARE TO BE INSTALLED ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
8. CEILING LIGHT FIXTURES ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. CEILING LIGHT FIXTURE LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
9. CONTRACTOR IS RESPONSIBLE FOR ANY COSTS ARISING FROM REROUTING OVERHEAD UTILITIES, PIPES, DUCTS, CONDUITS, ETC. WHEN IN CONFLICT WITH SUSPENDED CEILING COMPRESSION STRUTS AND CEILING LIGHT FIXTURES.
10. APPROXIMATE CEILING DEMOLITION EXTENTS SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL EXTENTS OF CEILING DEMOLITION NEEDED IN ORDER TO INSTALL THE PROPOSED SCOPE IN THE ATTIC OR CEILING SPACE.

KEYNOTES

02 4013.AF	EXISTING LIGHT FIXTURE TO REMAIN. PROTECT IN PLACE. TYP.
02 4013.AR	EXISTING MECHANICAL EQUIPMENT TO REMAIN.
02 4013.CC	EXISTING BEAM TO REMAIN. TYP. PROTECT IN PLACE, PAINT
02 4013.CT	EXISTING MECHANICAL DIFFUSERS TO REMAIN. PROTECT IN PLACE.
02 4013.CU	EXISTING SKYLIGHT TO REMAIN. PROTECT IN PLACE.
02 4116.AM	EXISTING WINDOW BLINDS TO BE REMOVED. TYP.
02 4116.BK	EXISTING LIGHT FIXTURE TO BE REMOVED, PROTECTED, AND REINSTALLED. SEE MECHANICAL WORK EXTENTS.
02 4116.BM	EXISTING CEILNG ACCESS PANEL TO BE REMOVED AND REPLACED.
02 4116.BN	EXISTING CEILING ACCESS HATCH TO BE REMOVED AND REPLACED.
02 4116.S	EXISTING RAFTER TAIL TO BE REMOVED, CUT BACK FLUSH WITH EXISTING BLOCKING, TYP. INSTALL FASCIA BOARD TO MATCH EXISTING, SEE DETAIL TYP.
02 4116.W	EXISTING WALL-MOUNTED DOWNSPOUT TO BE REMOVED AND REPLACED. TYP.
02 4116.Y	EXISTING CASEWORK TO BE REMOVED.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
08 3100.A	CEILING ACCESS PANEL. TYP.
12 2400.A	ROLLER WINDOW SHADES. TYP.
23 0000.L	MECHANICAL DIFFUSER. REFER TO MECHANICAL
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.

DEMO RCP LEGEND

- (E) ACOUSTIC CEILING SYSTEM TO REMAIN. REMOVE AND SET (E) ACT TILES ASIDE AS NEEDED FOR MECHANICAL/ELECTRICAL WORK ABOVE CEILING, IF WORK ABOVE CEILING REQUIRES MODIFYING GRID, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2.
- DEMO - INTERIOR - DIRECT APPLIED ACOUSTICAL TILE, (E) GYPSUM BOARD SUBSTRATE, (E) FRAMING AND STRAPPING TO REMAIN, PROTECT IN PLACE
- APPROXIMATE EXTENT OF GWB CEILING REMOVAL TO COMPLETE MEP SCOPE IN ATTIC, PROTECT IN PLACE (E) FRAMING, REFER TO MEP DRAWINGS. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK.
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- INTERIOR - (E) GWB CEILING, PROTECT IN PLACE, PATCH AS NEEDED TO PERFORM WORK IN ATTIC OR CEILING SPACES
- AREA NOT IN SCOPE
- LIGHT FIXTURE TO BE REMOVED & REPLACED, REFER TO ELECTRICAL PLANS
- SUPPLY / RETURN / EXHAUST REMOVED & REPLACED, REFER TO MECHANICAL PLANS
- CEILING ACCESS PANEL

PROPOSED RCP LEGEND

- XX'-X" — CEILING HEIGHT (SEE PLAN FOR ACTUAL HEIGHTS)
- ACT-1 — INTERIOR (E) TO REMAIN - 2X4 SUSPENDED ACOUSTIC CEILING SYSTEM, REINSTALL (E) CEILING TILES IN (E) GRID, REPLACE DAMAGED TILES AS NEEDED. IF GRID IS MODIFIED FOR ABOVE CEILING WORK, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2, SEE A-951 AND A-952
- ACT-2 — INTERIOR - 12X12 ACOUSTIC CEILING TILE, DIRECT APPLIED W/ ADHESIVE MEETING ASTM D1779. INSTALL OVER GYP. BOARD CEILING INSTALLED IN ACCORDANCE W/ GA-216, LEVEL 2 FINISH. REF. TO: 21/A-942
- PATCHED GYPSUM BOARD CEILING APPLIED TO (E) FRAMING & STRAPPING
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- APPROXIMATE EXTENT OF DRYWALL CEILING PATCHING TO COMPLETE PROPOSED WORK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK.
- AREA NOT IN SCOPE
- CEILING ACCESS PANEL
- MECHANICAL EQUIPMENT, REFER TO MECHANICAL PLANS SUPPLY / RETURN / EXHAUST, REFER TO MECHANICAL PLANS
- LIGHT FIXTURE, REFER TO ELECTRICAL PLANS

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CHECKED BY	JH/PC/AW
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SHEET	A5-111

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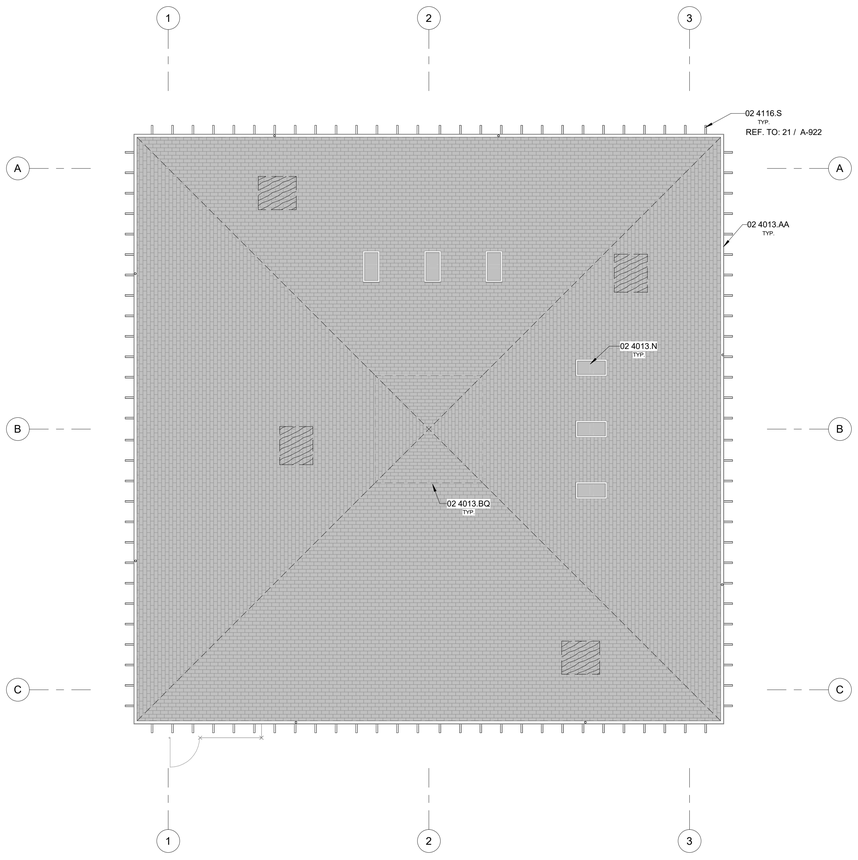
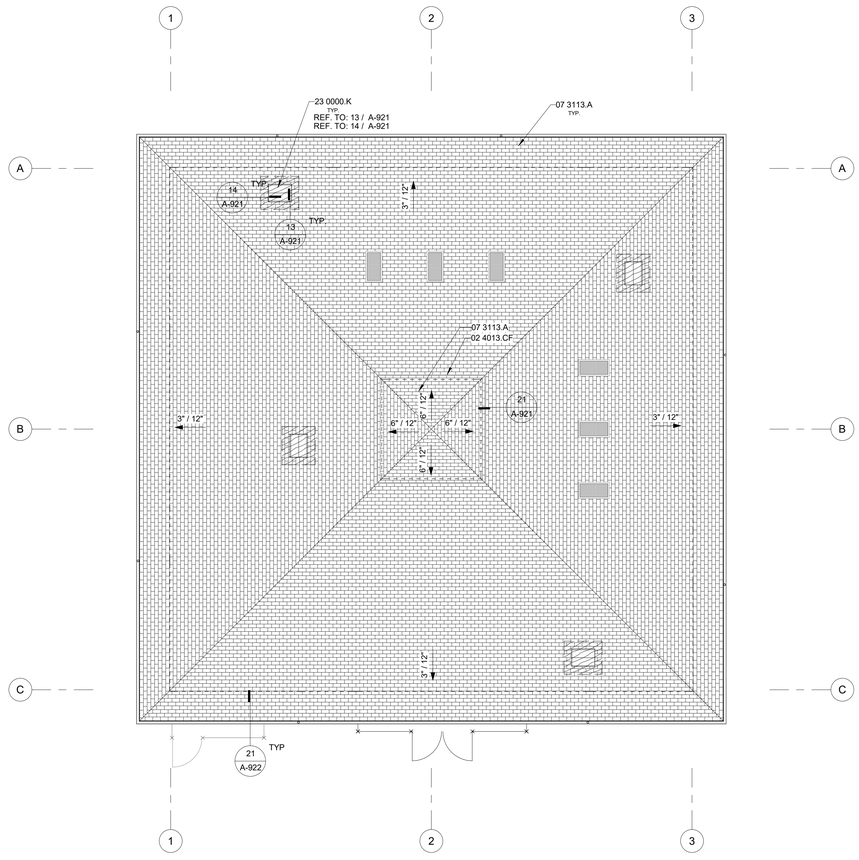


1 BUILDING 500 - ROOF PLAN - DEMOLITION

A5-121 SCALE: 1/8" = 1'-0"



2 BUILDING 500 - ROOF PLAN - PROPOSED

A5-121 SCALE: 1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
2. REFER TO GRADING & DRAINAGE PLAN FOR DOWNSPOUT CONNECTIONS TO STORM DRAIN SYSTEM.
3. ALL ROOFING ASSEMBLIES ARE TO BE CLASS-A RATED. REFER TO SPECIFICATIONS FOR MORE INFORMATION. WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (***2022 CBC SECTION 1202***).
4. CONTRACTOR TO VERIFY IN FIELD IF REPAIRS ARE NEEDED ON THE ROOF CUPOLAS.
5. PROVIDE ALLOWANCE FOR DAMAGED ROOF SHEATHING TO BE REPLACED AFTER ROOF IS REMOVED. ASSUME 5% OF ROOF SHEATHING WILL BE DAMAGED.

KEYNOTES

02 4013.AA	EXISTING GUTTER TO REMAIN. VERIFY GUTTER ATTACHMENTS AND SEAMS IN FIELD AND REPAIR WHERE REQUIRED. PROTECT IN PLACE. TYP.
02 4013.BQ	EXISTING LOUVERS IN WALL TO REMAIN. PROTECT IN PLACE.
02 4013.CF	EXISTING FASCIA TO REMAIN. PROTECT IN PLACE
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
02 4116.S	EXISTING RAFTER TAIL TO BE REMOVED, CUT BACK FLUSH WITH EXISTING BLOCKING, TYP. INSTALL FASCIA BOARD TO MATCH EXISTING, SEE DETAIL. TYP.
07 3113.A	ASPHALT SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. TYP.
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.

DEMO ROOF PLAN LEGEND

1" / 12"	ROOF SLOPE. EXISTING, V.I.F.
DS	ALL EXTERIOR DOWNSPOUTS TO BE REMOVED AND REPLACED. INTERIOR DOWNSPOUTS TO REMAIN AND TO BE ABANDONED. CONTRACTOR TO VERIFY IN FIELD. REFERENCE RCPS FOR LOCATIONS.
	EXISTING COMPOSITE SHINGLE ROOF AND UNDERLAYMENT TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE, UON
	EXISTING SINGLE PLY ROOF TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE.
	AREA NOT IN SCOPE
	EXISTING GUTTER TO REMAIN. PROTECT IN PLACE.
	ROOF DRAINS, APPROXIMATE LOCATION. REFER TO PLUMBING PLANS.
	MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
	APPROXIMATE EXTENT OF PLYWOOD SHEATHING REMOVAL. REMOVE PLYWOOD SHEATHING ONLY AS REQUIRED TO INSTALL STRUCTURAL FRAMING OR MECHANICAL EQUIPMENT WHERE OCCURS. CONTRACTOR TO COORDINATE FULL EXTENT OF REMOVAL NEEDED WITH PROPOSED WORK. REFERENCE STRUCTURAL AND MECHANICAL.

ROOF PLAN LEGEND

1" / 12"	(E) ROOF SLOPE, VIF
DS	DOWNSPOUT. REFERENCE RCPS FOR LOCATIONS. FOR DOWNSPOUT, SEE DETAIL
	COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
	SINGLE PLY ROOFING, 80-MIL PVC (FIRE RESISTANCE: CLASS A) (ICC-ES EVALUATION REPORT: ESR-1157) SEE EXTERIOR DETAILS
	(E) CRICKET TO REMAIN, VERIFY SLOPE IN FIELD. PROPOSED TAPERED RIGID INSUL. CRICKETS AT EQUIPMENT NOTED ON PLAN
	EXISTING COPPER GUTTERS TO REMAIN AND PROTECT IN PLACE. EXISTING ALUMINUM GUTTERS TO BE DEMOLISHED AND REPLACED. PROVIDE EDGE METAL. CONTRACTOR TO VERIFY IN FIELD.
	MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
	WALL BELOW
	ROOF WALKWAY PADS. SEE SPEC
	APPROXIMATE EXTENTS OF PLYWOOD SHEATHING PATCH BACK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK. REFERENCE STRUCTURAL & MECHANICAL

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BLDG. 500 - ROOF PLAN - DEMOLITION & PROPOSED

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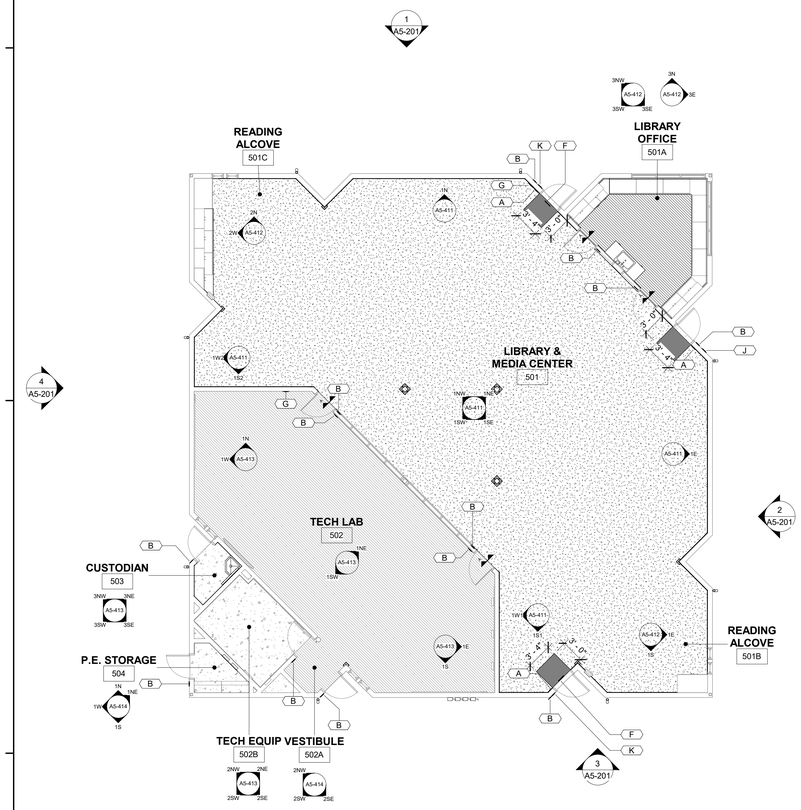

1 BUILDING 500 - FINISH & SIGNAGE PLAN

A5-131 SCALE: 1/8" = 1'-0"

MATERIALS SCHEDULE

MARK	MATERIAL	MANUFACTURER	PATTERN/TEXTURE	COLOR	COMMENTS
FLOORS					
CPT-1	SHEET CARPET	TARKETT	AFTERMATH II 03026	TAPESTRY 23512	POWERBOND (NOT TILE)
CPT-2	WALK-OFF MAT	TARKETT	ABRASIVE ACTION II	CHARCOAL 19100	POWERBOND (NOT TILE)
LVT	LUXURY VINYL TILE	TARKETT	EVEN PLANE	MINIMAL WOOD, GREY 8713	PLANK
LIN	LINOLEUM	FORBO	MARMOLEUM, REAL	EIGER 2629	WELDED SEAMS
CONC	SEALED CONCRETE		CLEAR SEAL		
RUB	RUBBER STAIR TREAD/RISER	JOHNSONITE	ANGLE FIT	BLACK	WITH RISER, CONTRAST STRIPING
TL-1	FLOOR TILE	DALTILE	2X2 MOSAIC	DESERT GREY SPECKLE, D200	TCNA F112-21 WITH MEMBRANE
WALLS					
B-1	RUBBER WALL BASE	JOHNSONITE	4" HIGH RUBBER BASE	BLACK	COILED ROLL
B-2	TILE WALL BASE	DALTILE	5X12 COVE BASE	DESERT GREY SPECKLE, D200	
B-3	LINOLUM WALL BASE	FORBO	MARMOLEUM, REAL	EIGER 2629	CONTINUOUS WITH FLOORING
VTB	VINYL COVERED TACKBOARD	KOROSEAL	INSIGHT	SHIMMER 6322-91	PERFORATED AT MUSIC CLASSROOM
FRP	FIBER REINFORCED PANELS	MARALITE	EMBOSSED/PEBBLED	WHITE	CLASS A
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
WCG	WALL CORNER GUARD			STAINLESS STEEL	SURFACE MOUNT
CASEWORK					
PL-1	PLASTIC LAMINATE COUNTERTOP	WILSONART	MAGNOLIA	LENO WEAVE 5012K-19	
PL-2	PLASTIC LAMINATE CABINET	WILSONART	KHAKI BROWN	MATTE FINISH D50-60	
CEILING					
ACT-1	ACOUSTIC CEILING TILE-2X4	ARMSTRONG	2X4, SCHOOL ZONE FINE FISSURED	WHITE	MATCH EXISTING
ACT-2	ACOUSTIC CEILING TILE - 12X12	ARMSTRONG	FINE FISSURED TILE, #746	WHITE	DIRECT APPLIED (NO SUSPENSION SYSTEM)
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
MISCELLANEOUS					
PT-1	INTERIOR DOOR FRAMES	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	MATCH EXISTING
PT-2	INTERIOR DOORS	SHERWIN WILLIAMS	SEMI-GLOSS	GRAND CANAL, SW6488	MATCH EXISTING
	ROLLER SHADES - FABRIC	MECHO SHADE	THERMOVEIL, 1700...	1716 EGGSHELL	1% OPEN
	ROLLER SHADES - FASCIA	MECHO SHADE		WHITE	

ROOM FINISH SCHEDULE

	NAME	FLOOR	WALL BASE	WALL SUBSTRATE	WALL FINISH	CEILINGS MATERIAL	CEILINGS FINISH	NOTES
501	LIBRARY & MEDIA CENTER	CPT	RB	EXIST	PT / VTB	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
501A	LIBRARY OFFICE	CPT	RB	EXIST	PT	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
501B	READING ALCOVE	CPT	RB	EXIST	PT / VTB	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
501C	READING ALCOVE	CPT	RB	EXIST	PT / VTB	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
502	TECH LAB	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST/ACT-1	SEE INTERIOR ELEVATIONS
502A	VESTIBULE	EXIST	EXIST	EXIST	EXIST	EXIST	PT	SEE INTERIOR ELEVATIONS
502B	TECH EQUIP	CONC	RB	EXIST	PT	GWB	PT	SEE INTERIOR ELEVATIONS
503	CUSTODIAN	CONC	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
504	P.E. STORAGE	CONC	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS

NOTE: *REFER TO RCP FOR EXTENTS OF GWB CEILING PATCHING
*WELLS AT SKYLIGHTS AND SMOKE VENTS TO BE PAINTED
*MISC INTERIOR WOOD TRIM TO BE PAINTED TO MATCH SURROUNDING WALLS

ABBREVIATIONS

EXIST EXISTING TO REMAIN

BASE
LIN LINOLEUM
RB RUBBER BASE
TL TILE COVE BASE

CEILING
ACT ACOUSTIC CEILING TILE
GWB GYPSUM BOARD, PAINT FINISH.
OPEN OPEN TO ABOVE

FINISH
FRP FIBER REINFORCED PANEL
PRE MANUFACTURER FINISHED
PT PAINT
VTB VINYL COVERED TACKBOARD

FLOORS
CONC EXPOSED CONCRETE, CLEAR SEAL FINISH.
CPT CARPET TILES, TRANSITION STRIPS AT EXPOSED EDGES.
LIN LINOLEUM
LVT LUXURY VINYL TILE
TL FLOOR TILE

SUBSTRATE
CB CEMENT BOARD
GWB GYPSUM BOARD

FINISH PLAN GENERAL NOTES

1. PROVIDE SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
2. REFER TO FLOORING MFR'S REQUIREMENTS FOR CONCRETE SLAB TESTING AND PREPARATION, AND PROVIDE MITIGATING MEASURES WHERE REQUIRED PER MFR.
3. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS.
4. ALL FLOOR FINISH MATERIAL CHANGES SHALL HAVE TRANSITION STRIPS. REFER TO DETAIL 32/A-701.
5. ALL FLOORING MATERIALS SHALL COMPLY WITH ***2022 CBC SEC. 804.1.***
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL WALL FINISH INFORMATION.
8. REMOVE AND DEMO EXISTING SIGNS. PATCH AND PAINT AREAS AS NEEDED.
9. ALL DOORS AND DOOR FRAMES TO BE PAINTED. SEE MATERIALS SCHEDULE.
10. CONTINUE FLOORING TO WALL AT OPEN CASEWORK SINK APRONS AND COUNTERTOP WITHOUT BASE CABINETS. NO EXPOSED UNFINISHED SLAB.

FINISH REQUIREMENTS (MIN.)

PER ***2022 CBC 803.13*** INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN THAT SPECIFIED IN TABLE 803.13 FOR THE GROUP AND LOCATION DESIGNATED. REFER TO ***2022 CBC SEC. 803*** FOR ADDITIONAL INFORMATION.

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY
(CBC 2022 TABLE 803.13)

DEGREE OF FIRE PROTECTION: SPRINKLERED

GROUP	INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	ROOMS AND ENCLOSED SPACES
A-1 & A-2	B	B	C
A-3,A-4,A-5	B	B	C
B,E,M,R-1	B	C	C
R-2	C	C	C
R-2.1	B	C	C
R-2.2	C	C	C
R-3, R-3.1	C	C	C
S	C	C	C

CLASSIFICATIONS
CLASS A:
- FLAME SPREAD INDEX = 0-25
- SMOKE DEVELOPED INDEX = 0-450

CLASS B:
- FLAME SPREAD INDEX = 26-75
- SMOKE DEVELOPED INDEX = 0-450

CLASS C:
- FLAME SPREAD INDEX = 76-200
- SMOKE DEVELOPED INDEX = 0-450

NOTE: SPECIFIED MATERIALS MAY INTENTIONALLY EXCEED MINIMUM REQUIREMENTS.

SIGNAGE NOTES

(A) TACTILE EXIT SIGN READING "EXIT". WHERE MOUNTED ON GLASS, SIZE EXIT SIGN TO MATCH EXTERIOR GLASS MOUNTED ROOM IDENTIFICATION SIGNAGE. ALIGN EXIT SIGN WITH ROOM SIGNAGE WHEN MOUNTING. ***REFER TO CODE PLAN FOR EXITING.*** REF. TO: 12 / A-904

(B) ROOM IDENTIFICATION SIGN. WHERE SIGN IS ONE-SIDED AND MOUNTED ON GLASS, INSTALL OPAQUE VINYL TO MATCH COLOR AND SIZE OF PLAQUE BEHIND THE SIGN. ***PROVIDE ROOM ID AT ALL INTERIOR AND EXTERIOR DOORS.*** REF. TO: 22 / A-904

(C) ROOM IDENTIFICATION SIGN. PROVIDE DIRECTIONAL SIGNAGE TO NEAREST ACCESSIBLE RESTROOM. REF. TO: 15 / A-904

(D) GEOMETRIC SYMBOL MOUNTED ON DOOR. REF. TO: 14 / A-904

(E) ROOM IDENTIFICATION WITH PICTOGRAM AND INTERNATIONAL SYMBOL OF ACCESSIBILITY. REF. TO: 15 / A-904

(F) CEILING-MOUNTED ILLUMINATED EXIT SIGN. ***REFER TO CODE PLAN FOR EXITING.*** SEE ELECTRICAL.

(G) INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED, INCLUDE WORDING THAT STATES, "ASSISTIVE LISTENING SYSTEM AVAILABLE." ***SEE FINISH PLAN FOR SIGNAGE PLACEMENT.*** REF. TO: 23 / A-904

(H) OCCUPANT LOAD SIGN THAT STATES "MAXIMUM OCCUPANCY ____ PERSONS" ____ # AT BUILDING G MULTI-PURPOSE ROOM ***PROVIDE OCCUPANT LOAD SIGN AT ROOMS WITH OCCUPANTS GREATER THEN 50. REFER TO CODE PLAN FOR OCCUPANT LOAD CALCULATIONS.*** REF. TO: 24 / A-904

(J) DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF NEAREST ENTRANCE WITH AN ACCESSIBLE DOOR.

(K) ENTRANCE SIGNAGE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

(L) RESTRICTION SIGNAGE THAT STATES "NO FREIGHT" WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

LEGEND (WHERE APPLICABLE)

CPT 1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

FLOORS

CONC-2 SEALED CONCRETE

CPT-1 CARPET

LVT LVT FLOORING
NOTE
LVT FLOORING TO EXTEND UNDER CABINETS WHERE OPEN BELOW

CPT-2 WALK-OFF MAT

LIN LINOLEUM

TL-1 TILE FLOORING

EPOXY COATING OVER CONCRETE FLATWORK

NOT IN SCOPE

(E) GYMNASIUM FLOOR, TO REMAIN, PROTECT IN PLACE

X FLOORING TRANSTION:
- "A": LVT TO CARPET
- "B": CARPET TO CONCRETE (POLISHED OR SEALED)
- "C": LVT TO CONCRETE (POLISHED OR SEALED)
- "D": LINOLEUM TO WOOD
- "E": LVT TO WOOD
- "F": CONCRETE (POLISHED OR SEALED) TO WOOD

WALLS

CORNER GUARDS

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BLDG. 500 - FINISH & SIGNAGE
FLOOR PLAN & FINISH SCHEDULE

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DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A5-131

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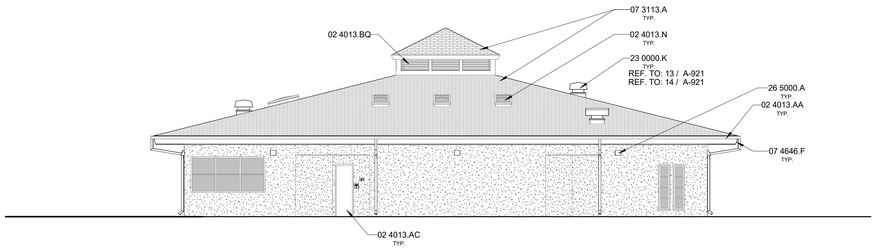
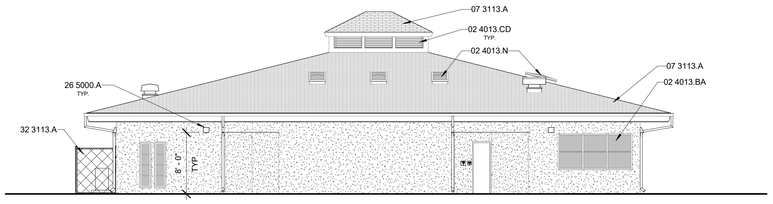


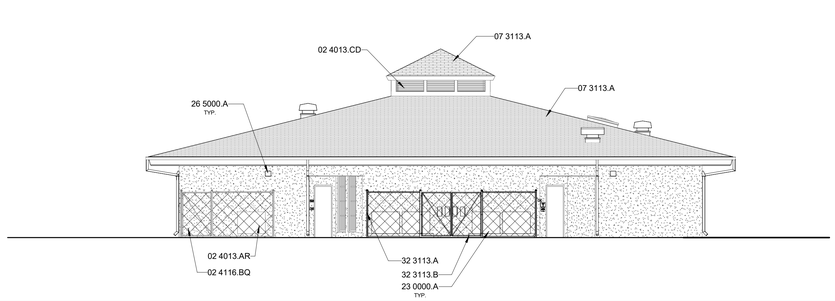
1 BUILDING 500 - NORTH ELEVATION

A2-101 | A5-201 SCALE: 1/8" = 1'-0"



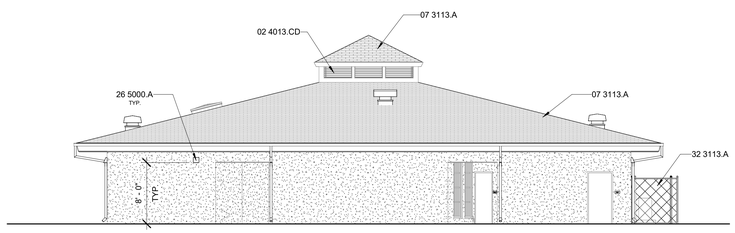
2 BUILDING 500 - EAST ELEVATION

A5-101 | A5-201 SCALE: 1/8" = 1'-0"



3 BUILDING 500 - SOUTH ELEVATION

A5-101 | A5-201 SCALE: 1/8" = 1'-0"



4 BUILDING 500 - WEST ELEVATION

A5-101 | A5-201 SCALE: 1/8" = 1'-0"

EXTERIOR MATERIALS SCHEDULE

Tag	Description	Application	Manufacturer	Pattern/Texture	Color	Other
PAINT						
XPT-1	EXTERIOR PAINT	(N) FASCIA	SHERWIN WILLIAMS		TBD	MATCH EXISTING
XPT-2	EXTERIOR PAINT	STEEL DOWNSPOUTS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOOR FRAMES	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOORS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	FASCIA BOARDS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
MISC.						
	ROOF	ASPHALT SHINGLE	CERTAINTEED	LANDMARK SOLARIS	GEORGETOWN GRAY	
	GUTTERS AND SHEET METAL DOWNSPOUT LEADERS		MCELROY METALS	PREFINISHED KYNAR 500	MATCH EXISTING TO REMAIN COPPER GUTTERS	
	ROOFTOP MECH / PLUMBING EQUIPMENT		PREFINISHED OR PAINTED	PREFINISHED OR PAINTED	MATCH ROOFING	

ELEVATION GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.
3. SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. REFER TO ROOF PLAN FOR ROOF PITCH AND OVERHANGS. FASCIA PER DETAILS.
5. SEE ROOF PLAN FOR EXISTING AND PROPOSED ROOF ELEMENTS, AND APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.
6. REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION.
7. SEE ELECTRICAL DRAWINGS FOR ALL EXISTING AND PROPOSED EXTERIOR LIGHTING
8. SEE MECHANICAL DRAWINGS FOR GRILLES AND LOUVERS. PAINT TO MATCH ADJACENT FINISH.
9. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK.
10. DO NOT REMOVE EXTERIOR FINISHES UNLESS AS NOTED. COORDINATE ALL BLOCKING, ELECTRICAL AND OTHER REQUIRED SCOPE TO BE INSTALLED FROM THE INTERIOR. SEE DEMOLITION NOTES ON FLOOR PLAN SHEETS.

KEYNOTES

02 4013.AA	EXISTING GUTTER TO REMAIN. VERIFY GUTTER ATTACHMENTS AND SEAMS IN FIELD AND REPAIR WHERE REQUIRED. PROTECT IN PLACE. TYP.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.AR	EXISTING MECHANICAL EQUIPMENT TO REMAIN.
02 4013.BA	EXISTING WINDOW TO REMAIN AND BE RESCREENED WHERE APPLICABLE. PROTECT IN PLACE. TYP.
02 4013.BQ	EXISTING LOUVERS IN WALL TO REMAIN. PROTECT IN PLACE.
02 4013.CD	EXISTING FIRE EXTINGUISHER TO REMAIN.
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
02 4116.BQ	EXISTING ABANDONED CONDUIT TO BE REMOVED. PATCH AND SEAL AT EXTERIOR WALL PENETRATIONS.
07 3113.A	ASPHALT SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. TYP.
07 4646.F	FIBER CEMENT FASCIA.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
23 0000.A	MECHANICAL EQUIPMENT. REFER TO MECHANICAL
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.
32 3113.A	6' CHAIN LINK FENCE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.
32 3113.B	6' CHAIN LINK GATE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.

LEGEND

- (E) CEMENT PLASTER SYSTEM TO REMAIN
- (E) GLAZING TO REMAIN
- (E) TILE TO REMAIN
- COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL.
  (FIRE RESISTANCE: CLASS A)
  CERTAINTEED LANDMARK SOLARIS
  GEORGETOWN GRAY
  (ICC-ES EVALUATION REPORT: ESR-1389)
  SEE EXTERIOR DETAILS
- STAINLESS STEEL SHEET BACKSPLASH
  REF. TO: 24 / A-922

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JONATHAN HOWLES
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

BLDG. 500 - EXTERIOR ELEVATIONS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A5-201

DSA SUBMITTAL

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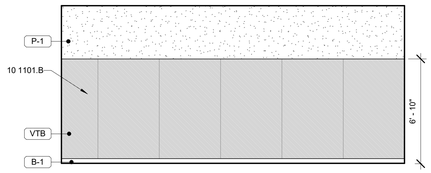

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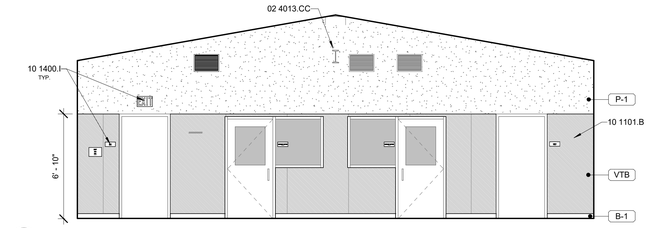

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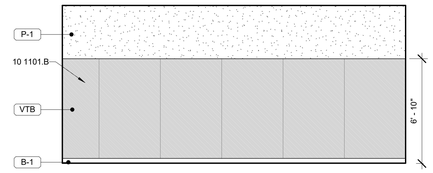

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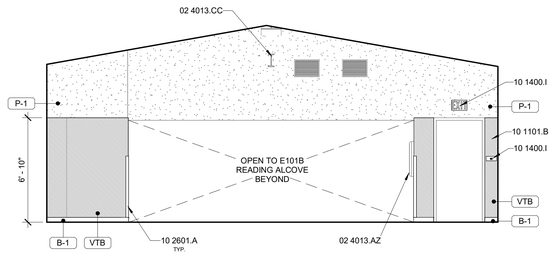

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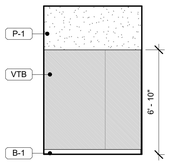

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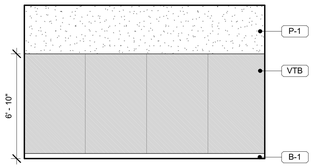

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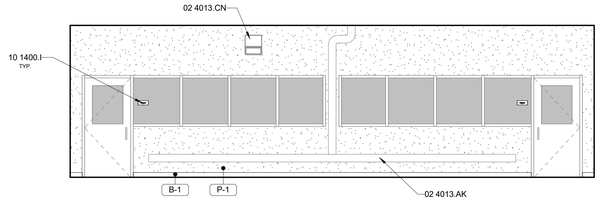

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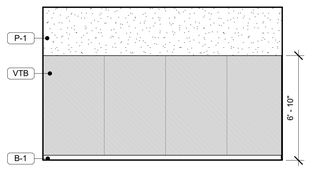

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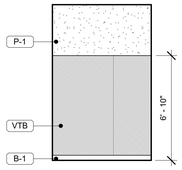

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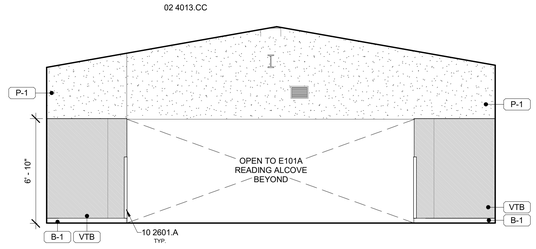

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1/4" = 1'-0"

501 - LIBRARY & MEDIA CENTER

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AZ	EXISTING FIRE EXTINGUISHER CABINET TO REMAIN. VERIFY MOUNTING HEIGHTS MEET ACCESSIBILITY REQUIREMENTS. TYP.
02 4013.CC	EXISTING BEAM TO REMAIN, TYP. PROTECT IN PLACE, PAINT
02 4013.CN	EXISTING SPEAKER CLOCK TO REMAIN. PROTECT IN PLACE
10 1101.B	TACKABLE WALL PANELS
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 2601.A	CORNER GUARD

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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LICENSED ARCHITECT
JONATHAN HOWKS
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 500 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE
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DSA SUBMITTAL

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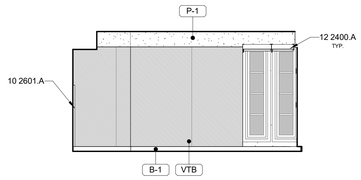

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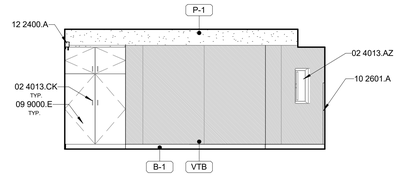

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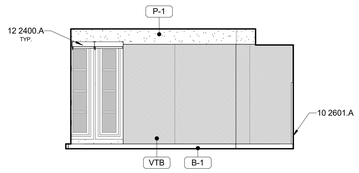
1/4" = 1'-0" **501B - READING ALCOVE**



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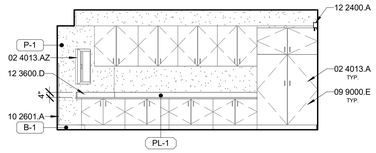

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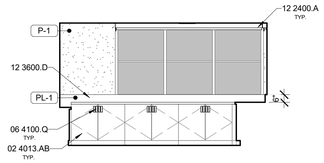
1/4" = 1'-0" **501C - READING ALCOVE**



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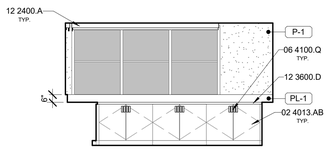

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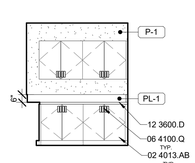

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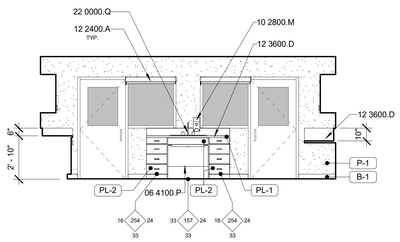

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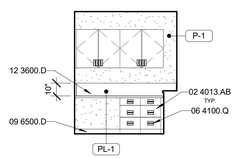

3NW

1/4" = 1'-0" **501A - LIBRARY OFFICE**

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7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE.
02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AZ	EXISTING FIRE EXTINGUISHER CABINET TO REMAIN. VERIFY MOUNTING HEIGHTS MEET ACCESSIBILITY REQUIREMENTS. TYP.
02 4013.CK	EXISTING CABINET HARDWARE TO REMAIN. PROTECT IN PLACE
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
09 6500.D	WALL BASE
09 9000.E	REFINISH ALL EXPOSED FINISHED SURFACES OF EXISTING CABINETS, REFER TO SPECS. TYP.
10 2601.A	CORNER GUARD
10 2800.M	-
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.Q	SINK. REFER TO PLUMBING.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1

SS

VTB-1

FRP

REFER TO INTERIOR ELEVATIONS

(T) — (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

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PROJECT TRACKING #: 68809-91

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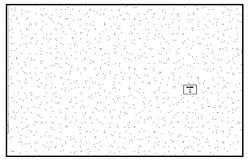

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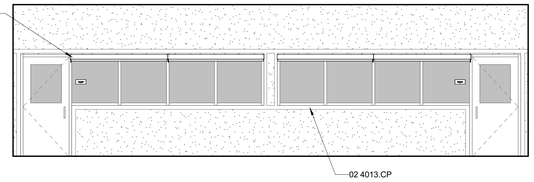

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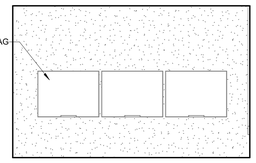

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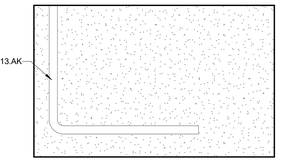

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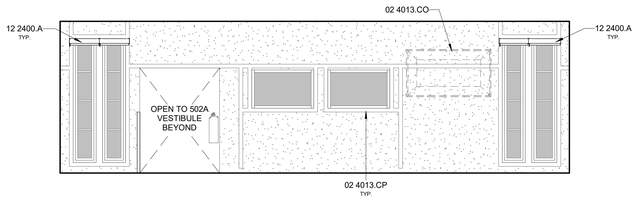

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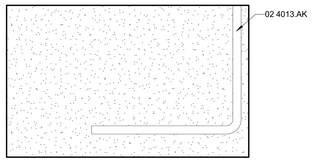

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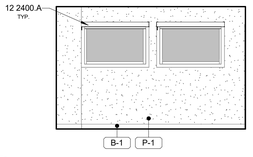
1/4" = 1'-0" **502 - TECH LAB**



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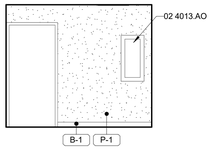

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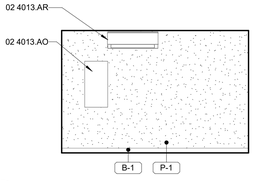

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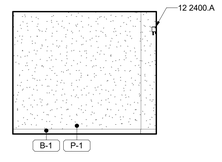

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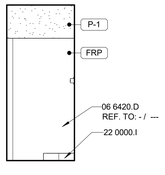
1/4" = 1'-0" **502B - TECH EQUIPMENT**



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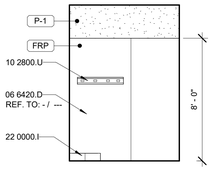

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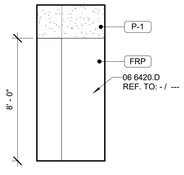

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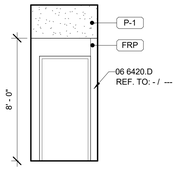

3NW

1/4" = 1'-0" **503 - JANITOR**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AG	EXISTING MARKERBOARD TO REMAIN. PROTECT IN PLACE.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AO	EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
02 4013.AR	EXISTING MECHANICAL EQUIPMENT TO REMAIN.
02 4013.CO	EXISTING SURFACE MOUNTED TV TO REMAIN. PROTECT IN PLACE
02 4013.CP	EXISTING SURFACE MOUNTED TRIM TO REMAIN. PROTECT IN PLACE, PAINT.
06 6420.D	FRP WALL PANEL
10 2800.U	MOP RACK
12 2400.A	ROLLER WINDOW SHADES. TYP.
22 0000.I	MOP SINK. REFER TO PLUMBING.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS

VTB-1 — FRP

REFER TO INTERIOR ELEVATIONS

(T) — (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

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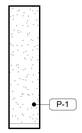

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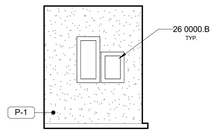

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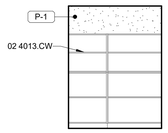

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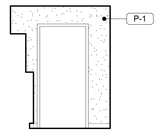
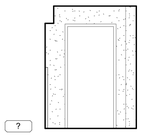


1W

1/4" = 1'-0" **504 - P.E. STORAGE**



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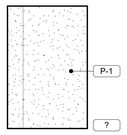

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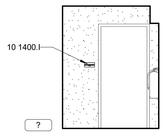

2NW

1/4" = 1'-0" **502A - VESTIBULE**

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3. REMOVE ALL (E) SIGNAGE, TYP.
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6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.CW	EXISTING SHELVES TO REMAIN, PAINT.
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
26 0000.B	ELECTRICAL PANEL. REFER TO ELECTRICAL

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1

SS

VTB-1

FRP

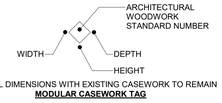
REFER TO INTERIOR ELEVATIONS

(T) — (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS



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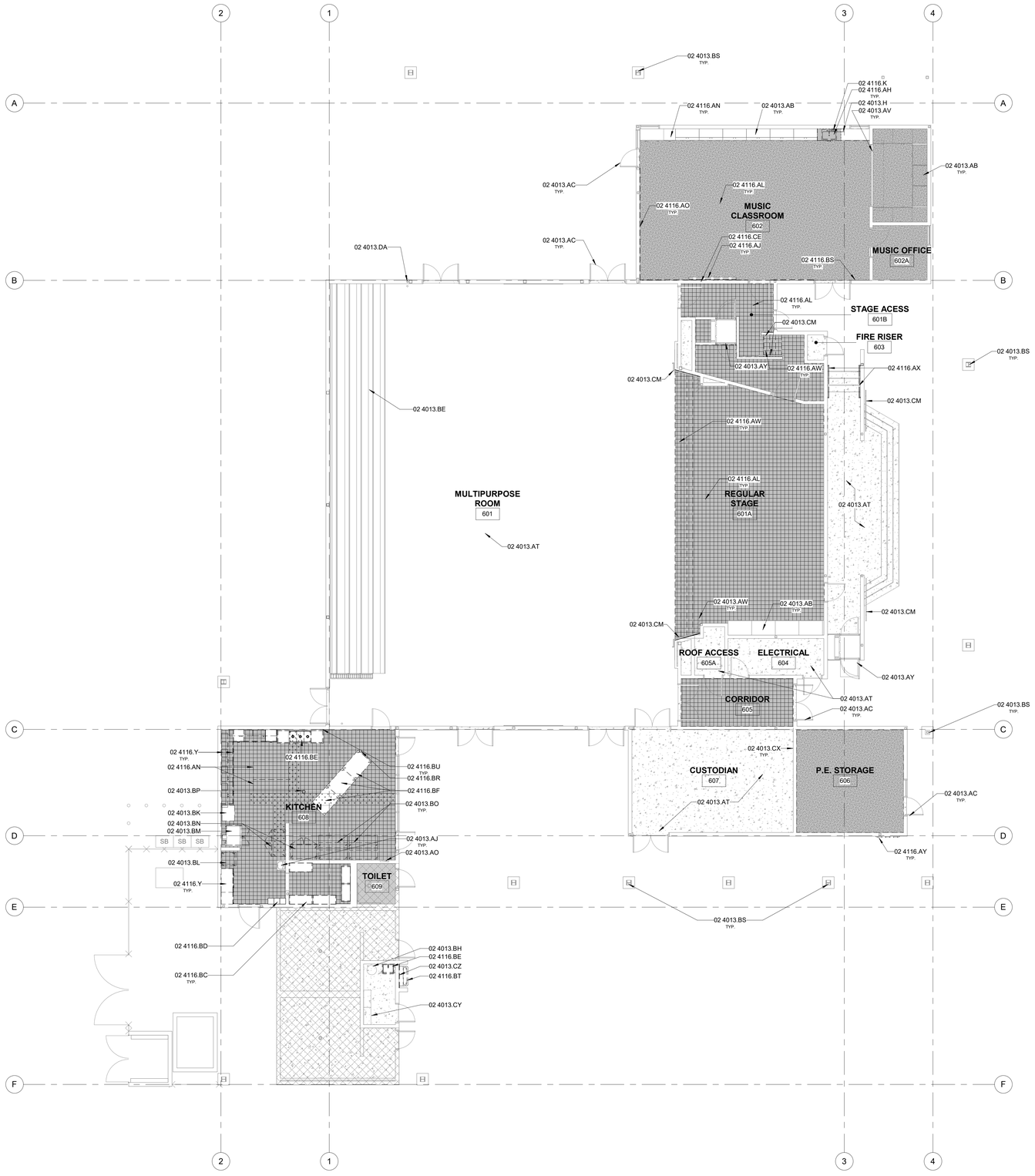

1 BUILDING 600 - FLOOR PLAN - DEMOLITION

A6-101 SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM FOR FURTHER INFORMATION.
3. FLOOR PLAN DIMENSIONS ARE TO FACE OF FINISH UNLESS SPECIFICALLY NOTED OTHERWISE.
4. FOR INTERIOR ELEVATION TAGS, SEE FINISH & SIGNAGE FLOOR PLAN ON SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131.
5. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
6. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO GRAB BARS, FIXTURES, AND ACCESSORIES.
7. REFER TO SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131 ROOM FINISH SCHEDULES FOR EXISTING AND PROPOSED FINISHES.

DEMOLITION NOTES

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3. REMOVE ALL (E) SIGNAGE, TYP.
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6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.AJ	EXISTING SINK TO REMAIN. PROTECT IN PLACE.
02 4013.AO	EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
02 4013.AT	EXISTING FLOORING AND WALL BASE TO REMAIN
02 4013.AV	EXISTING COILING GRILLE TO REMAIN. PROTECT IN PLACE. NO WORK.
02 4013.AW	EXISTING CURTAINS AND FOLDING PANEL PARTITION TO REMAIN. PROTECT IN PLACE.
02 4013.AY	EXISTING WHEELCHAIR LIFT TO REMAIN. PROTECT IN PLACE.
02 4013.BE	EXISTING BLEACHERS TO REMAIN. NO WORK. PROTECT IN PLACE.
02 4013.BH	EXISTING WATER HEATER TO REMAIN. PROTECT IN PLACE.
02 4013.BK	EXISTING WARMING CABINET TO REMAIN. PROTECT IN PLACE.
02 4013.BL	EXISTING WARMING CABINET TO REMAIN. PROTECT AND RELOCATE.REF. PROPOSED PLANS FOR RELOCATION.
02 4013.BM	EXISTING COMBINATION OVEN TO REMAIN. PROTECT IN PLACE.
02 4013.BN	EXISTING REFRIGERATOR FREEZER TO REMAIN. PROTECT AND RELOCATE. REF. PROPOSED PLANS FOR RELOCATION.
02 4013.BO	EXISTING MILK COOLERS TO REMAIN. PROTECT AND RELOCATE. REF. PROPOSED PLANS FOR RELOCATION.
02 4013.BP	EXISTING FLOOR DRAIN TO REMAIN. PROTECT IN PLACE.
02 4013.BS	EXISTING CONCEALED DOWNSPOUT TO BE ABANDONED IN PLACE. CAP AND SEAL EXPOSED PIPE AT FASCIA AFTER REMOVING GUTTER.
02 4013.CM	EXISTING STAIR HANDRAIL TO REMAIN. PROTECT IN PLACE
02 4013.CX	EXISTING WALL PROTECTION WAINSCOT TO REMAIN.
02 4013.CY	EXISTING CABINETS TO REMAIN. NO WORK.
02 4013.CZ	EXISTING TILE TO REMAIN. PREPARE SURFACE FOR SS BACKSPLASH.
02 4013.DA	EXISTING CONCEALED DOWNSPOUT TO REMAIN. PROTECT IN PLACE.
02 4013.H	EXISTING PAPER TOWEL DISPENSER TO BE REMOVED. TYP.
02 4116.AH	EXISTING SINK AND SINK CABINET TO BE REMOVED. PROTECT ALL OTHER CABINETS AND PLUMBING IN PLACE, SEE PLUMBING PLANS. TYP.
02 4116.AJ	EXISTING MARKERBOARD TO BE REMOVED.
02 4116.AL	EXISTING FLOORING AND WALL BASE TO BE REMOVED. PROTECT IN PLACE EXISTING CONCRETE SLAB UNDERNEATH AND WALL BEHIND, ETC. TYP.
02 4116.AN	EXISTING COUNTERTOP AND BACKSPLASH TO BE REMOVED. TYP.
02 4116.AO	EXISTING TACKBOARD TO BE REMOVED. TYP.
02 4116.AW	EXISTING STAIR TREAD AND RISER FINISH TO BE REMOVED. PREP FOR NEW FINISH.
02 4116.AX	EXISTING NONCOMPLIANT STAIR HANDRAIL TO BE REMOVED AND REPLACED.
02 4116.AY	EXISTING BAG HOOKS TO BE REMOVED. TYP.
02 4116.BC	EXISTING SHELF TO BE REMOVED AND RETURNED TO DISTRICT.
02 4116.BD	EXISTING LOCKERS TO BE REMOVED.
02 4116.BE	EXISTING SINK TO BE REMOVED. CAP UTILITIES.
02 4116.BF	EXISTING KITCHEN EQUIPMENT TO BE REMOVED AND RETURNED TO THE DISTRICT.
02 4116.BR	EXISTING POWER POLE TO BE REMOVED.
02 4116.BS	EXISTING WALL MOUNTED ACOUSTIC TREATMENTS TO BE REMOVED.
02 4116.BT	EXISTING DRINKING FOUNTAIN TO BE REMOVED.
02 4116.BU	EXISTING FRP TO BE REMOVED.
02 4116.CE	LOCALIZED REMOVAL OF INTERIOR GWB FOR TEACHING WALL INSTALLATION.
02 4116.K	EXISTING SOAP DISPENSER TO BE REMOVED. TYP.
02 4116.Y	EXISTING CASEWORK TO BE REMOVED.

(E) DOOR HARDWARE NOTES

1. REMOVE EXISTING LOCKSET. PREPARE DOOR AND PROVIDE NEW LOCKSET: SCHLAGE ND W 626 FINISH (OR EQUAL) AND 2X CORES: SCHLAGE 20-740 PRIMUS CORE (OR EQUAL). MATCH (E) DOOR LOCKSET FUNCTION
2. ADJUST EXISTING DOOR CLOSER TO COMPLY WITH CBC 11B-404.2.8 FOR CLOSING SPEED AND CBC 11B-404.2.9 FOR OPENING FORCE. PROVIDE NEW ALUMINUM SADDLE THRESHOLD AT EXISTING DOOR. MODEL ZERO 546 OR APPROVED EQUAL. INSTALL A BEAD OF BUTYL CAULK BEHIND FLANGE BEFORE INSTALL, TYP.
3. REMOVE AND REPLACE (E) DOOR PANEL. PROVIDE FLUSH HM DOOR PANEL PER SPECS TO FIT EXISTING FRAME. PROVIDE THE FOLLOWING HARDWARE IN ADDITION TO NOTES 1 AND 2 ABOVE:

3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188SBK PSA	BK	ZER
1	EA	FLOOR STOP	FS436/FS428 AS REQ'D	626	IVE

4. EXISTING DOOR REINSTALLED IN EXISTING FRAME WITH DOOR SWING FLIPPED AS SHOWN. PROVIDE NEW LOCKSET PER #1 ABOVE. REPLACE HINGES AS NECESSARY. MODIFY DOOR FRAME AS NEEDED FOR FLIPPED DOOR SWING
5. PROVIDE METAL LOUVER IN (E) DOOR PANEL.
6. REPLACE EXISTING DOOR CLOSER WITH CUSHION STOP CLOSER

LEGEND

- DEMO - INTERIOR - CARPET AND BASE
- DEMO - INTERIOR - LINOLEUM TILE AND BASE
- DEMO - INTERIOR - TILE AND BASE
- DEMO - AREA OF CASEWORK AND SINK REMOVED
- DEMO EXISTING PARTITION OR WALL FINISH
- PROTECT IN PLACE EXISTING
- EXISTING CONCRETE FLOOR TO REMAIN
- N.I.S. NOT IN SCOPE

APPROXIMATE EXTENT OF EXISTING CONCRETE REMOVAL TO COMPLETE MEP SCOPE. SAWCUT AND REMOVE EXISTING SLAB AS NEEDED FOR SEWER AND ELECTRICAL SCOPE. PATCH BACK EXISTING CONCRETE AND SLAB. REFER TO MEP DRAWINGS FOR FULL SCOPE. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK. REF. TO: 23 / A-922

FE EXISTING FIRE EXTINGUISHER TO REMAIN. SEE INTERIOR ELEVATIONS.

FE FIRE EXTINGUISHER MOUNTED TO WALL. SEE INTERIOR ELEVATIONS. REF. TO: 24 / A-942

FEC EXISTING FIRE EXTINGUISHER WITH CABINET TO REMAIN. SEE INTERIOR ELEVATIONS.

DS DOWNSPOUT. REF. TO: 13 / A-922

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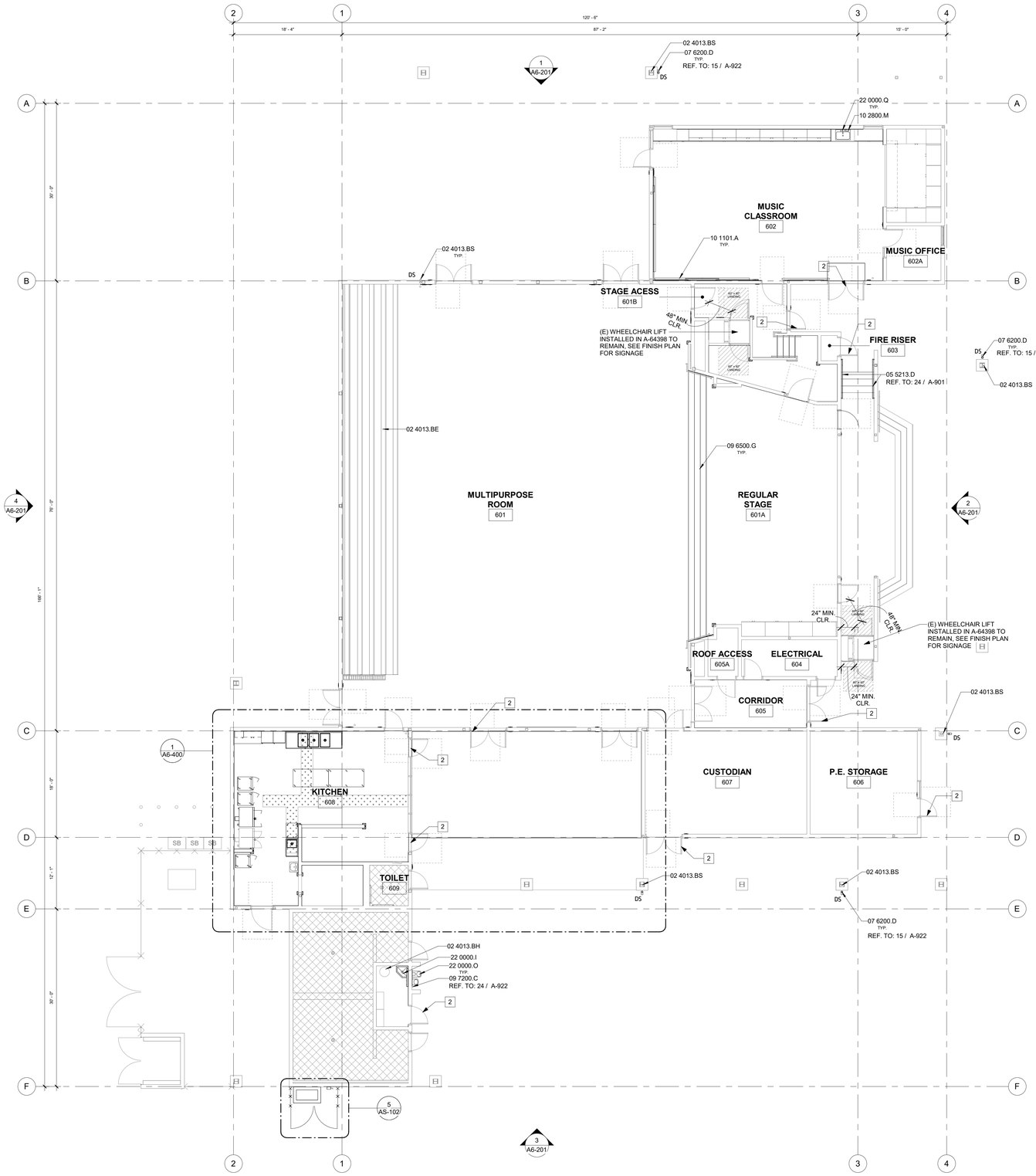

1 BUILDING 600 - FLOOR PLAN - PROPOSED

G-002 | A6-102 SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM FOR FURTHER INFORMATION.
3. FLOOR PLAN DIMENSIONS ARE TO FACE OF FINISH UNLESS SPECIFICALLY NOTED OTHERWISE.
4. FOR INTERIOR ELEVATION TAGS, SEE FINISH & SIGNAGE FLOOR PLAN ON SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131.
5. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
6. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO GRAB BARS, FIXTURES, AND ACCESSORIES.
7. REFER TO SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131 ROOM FINISH SCHEDULES FOR EXISTING AND PROPOSED FINISHES.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.BE	EXISTING BLEACHERS TO REMAIN. NO WORK. PROTECT IN PLACE.
02 4013.BH	EXISTING WATER HEATER TO REMAIN. PROTECT IN PLACE.
02 4013.BS	EXISTING CONCEALED DOWNSPOUT TO BE ABANDONED IN PLACE. CAP AND SEAL EXPOSED PIPE AT FASCIA AFTER REMOVING GUTTER.
05 5213.D	ADA COMPLIANT WALL-MOUNTED HANDRAIL.
07 6200.D	WALL-MOUNTED DOWNSPOUT TO DAYLIGHT AT CONCRETE.
09 6500.G	RUBBER STAIR TREADS AND RISERS
09 7200.C	STAINLESS STEEL BACKSPLASH
10 1101.A	4' x 8' MARKERBOARD. INSTALL BLOCKING PER DETAIL
10 2800.M	-
22 0000.I	MOP SINK. REFER TO PLUMBING.
22 0000.O	HI LOW DRINKING FOUNTAIN WITH BOTTLE FILLER. REFER TO PLUMBING.
22 0000.Q	SINK. REFER TO PLUMBING.

(E) DOOR HARDWARE NOTES

1. REMOVE EXISTING LOCKSET. PREPARE DOOR AND PROVIDE NEW LOCKSET: SCHLAGE ND W/ 626 FINISH (OR EQUAL) AND 2X CORES: SCHLAGE 20-740 PRIMUS CORE (OR EQUAL). MATCH (E) DOOR LOCKSET FUNCTION
2. ADJUST EXISTING DOOR CLOSER TO COMPLY WITH CBC 11B-404.2.8 FOR CLOSING SPEED AND CBC 11B-404.2.9 FOR OPENING FORCE. PROVIDE NEW ALUMINUM SADDLE THRESHOLD AT EXISTING DOOR. MODEL ZERO 546 OR APPROVED EQUAL. INSTALL A BEAD OF BUTYL CAULK BEHIND FLANGE BEFORE INSTALL, TYP.
3. REMOVE AND REPLACE (E) DOOR PANEL. PROVIDE FLUSH HM DOOR PANEL PER SPECS TO FIT EXISTING FRAME. PROVIDE THE FOLLOWING HARDWARE IN ADDITION TO NOTES 1 AND 2 ABOVE:

3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188SBK PSA	BK	ZER
1	EA	FLOOR STOP	FS436/FS428 AS REQ'D	626	IVE

4. EXISTING DOOR REINSTALLED IN EXISTING FRAME WITH DOOR SWING FLIPPED AS SHOWN. PROVIDE NEW LOCKSET PER #1 ABOVE. REPLACE HINGES AS NECESSARY. MODIFY DOOR FRAME AS NEEDED FOR FLIPPED DOOR SWING
5. PROVIDE METAL LOUVER IN (E) DOOR PANEL.
6. REPLACE EXISTING DOOR CLOSER WITH CUSHION STOP CLOSER

FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN, SEE FINISH PLAN FOR FINISHES
- FE — FIRE EXTINGUISHER MOUNTED TO WALL,SEE DETAIL: 24 / A-942
- FEC — FIRE EXTINGUISHER WITH CABINET, SEE DETAIL:
- DS — DOWNSPOUT, SEE DETAIL: 11 / A-922

LEGEND

- DEMO - INTERIOR - CARPET AND BASE
- DEMO - INTERIOR - LINOLEUM TILE AND BASE
- DEMO - INTERIOR - TILE AND BASE
- DEMO - AREA OF CASEWORK AND SINK REMOVED
- DEMO EXISTING PARTITION OR WALL FINISH
- PROTECT IN PLACE EXISTING
- EXISTING CONCRETE FLOOR TO REMAIN
- N.I.S. — NOT IN SCOPE
- APPROXIMATE EXTENT OF EXISTING CONCRETE REMOVAL TO COMPLETE MEP SCOPE. SAWCUT AND REMOVE EXISTING SLAB AS NEEDED FOR SEWER AND ELECTRICAL SCOPE. PATCH BACK EXISTING CONCRETE AND SLAB. REFER TO MEP DRAWINGS FOR FULL SCOPE. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK. REF. TO: 23 / A-922
- FE — EXISTING FIRE EXTINGUISHER TO REMAIN. SEE INTERIOR ELEVATIONS.
- FE — FIRE EXTINGUISHER MOUNTED TO WALL. SEE INTERIOR ELEVATIONS. REF. TO: 24 / A-942
- FEC — EXISTING FIRE EXTINGUISHER WITH CABINET TO REMAIN. SEE INTERIOR ELEVATIONS.
- DS — DOWNSPOUT. REF. TO: 13 / A-922

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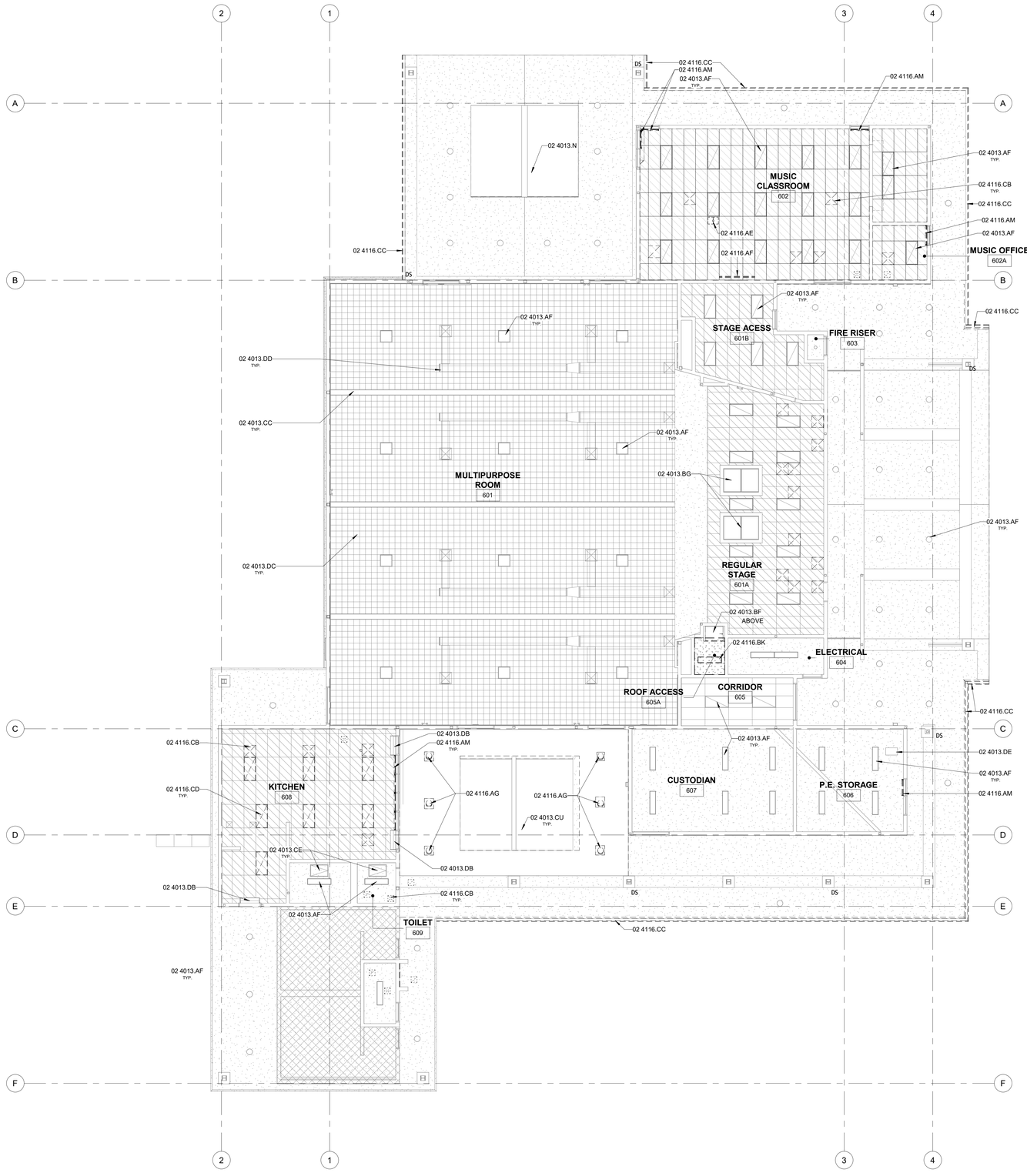

1 BUILDING 600 - REFLECTED CEILING PLAN - DEMOLITION

A6-111 SCALE: 1/8" = 1'-0"

RCP GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
3. HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB TO FINISH FACE OF GWB OR FACE OF CEILING GRID
4. BORDERS AT LAY-IN ACOUSTICAL CEILING PANELS SHALL BE CUT TO MATCH FACTORY EDGE PROFILE. NO EXPOSED FASTENERS SHALL BE PERMITTED INCLUDING POP RIVETS AND TAPPETS.
5. FINAL LOCATION OF CEILING ACCESS PANELS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC.
6. AT MODIFIED SUSPENDED CEILINGS, COMPRESSION STRUTS FOR SUSPENDED CEILINGS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. COMPRESSION STRUT LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
7. ALL LIGHT FIXTURES ARE TO BE INSTALLED ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
8. CEILING LIGHT FIXTURES ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. CEILING LIGHT FIXTURE LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
9. CONTRACTOR IS RESPONSIBLE FOR ANY COSTS ARISING FROM REROUTING OVERHEAD UTILITIES, PIPES, DUCTS, CONDUITS, ETC. WHEN IN CONFLICT WITH SUSPENDED CEILING COMPRESSION STRUTS AND CEILING LIGHT FIXTURES.
10. APPROXIMATE CEILING DEMOLITION EXTENTS SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL EXTENTS OF CEILING DEMOLITION NEEDED IN ORDER TO INSTALL THE PROPOSED SCOPE IN THE ATTIC OR CEILING SPACE.

KEYNOTES

02 4013.AF	EXISTING LIGHT FIXTURE TO REMAIN. PROTECT IN PLACE. TYP.
02 4013.BF	EXISTING ROOF HATCH TO REMAIN. PROTECT IN PLACE.
02 4013.BG	EXISTING SMOKE/FIRE VENTS TO REMAIN. PROTECT IN PLACE
02 4013.CC	EXISTING BEAM TO REMAIN, TYP. PROTECT IN PLACE, PAINT
02 4013.CE	EXISTING CEILING ACCESS PANEL TO REMAIN. PROTECT IN PLACE
02 4013.CU	EXISTING SKYLIGHT TO REMAIN. PROTECT IN PLACE.
02 4013.DB	EXISTING AIR CURTAIN TO REMAIN. PROTECT IN PLACE.
02 4013.DC	EXISTING DIRECT APPLIED ACOUSTIC CEILING TILE TO REMAIN, TYP. PROTECT IN PLACE, PREP FOR PAINT.
02 4013.DD	EXISTING DUCTWORK TO REMAIN, TYP. PROTECT IN PLACE, PREP FOR PAINT.
02 4013.DE	EXISTING UNIT HEATER TO REMAIN. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
02 4116.AE	EXISTING PROJECTOR TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AF	EXISTING PROJECTOR SCREEN TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AG	EXISTING LIGHT FIXTURE TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AM	EXISTING WINDOW BLINDS TO BE REMOVED. TYP.
02 4116.BK	EXISTING LIGHT FIXTURE TO BE REMOVED, PROTECTED, AND REINSTALLED. SEE MECHANICAL WORK EXTENTS.
02 4116.CB	EXISTING MECHANICAL DIFFUSERS TO BE REMOVED. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
02 4116.CC	EXISTING GUTTER TO BE REMOVED.
02 4116.CD	EXISTING LIGHT FIXTURE TO BE REMOVED. REFER TO ELECTRICAL PLANS FOR MORE INFORMATION.

DEMO RCP LEGEND

- (E) ACOUSTIC CEILING SYSTEM TO REMAIN, REMOVE AND SET (E) ACT TILES ASIDE AS NEEDED FOR MECHANICAL/ELECTRICAL WORK ABOVE CEILING, IF WORK ABOVE CEILING REQUIRES MODIFYING GRID, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2.
- DEMO - INTERIOR - DIRECT APPLIED ACOUSTICAL TILE, (E) GYPSUM BOARD SUBSTRATE, (E) FRAMING AND STRAPPING TO REMAIN. PROTECT IN PLACE
- APPROXIMATE EXTENT OF GWB CEILING REMOVAL TO COMPLETE MEP SCOPE IN ATTIC, PROTECT IN PLACE (E) FRAMING, REFER TO MEP DRAWINGS. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK.
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- INTERIOR - (E) GWB CEILING, PROTECT IN PLACE, PATCH AS NEEDED TO PERFORM WORK IN ATTIC OR CEILING SPACES
- AREA NOT IN SCOPE
- LIGHT FIXTURE TO BE REMOVED & REPLACED, REFER TO ELECTRICAL PLANS
- SUPPLY / RETURN / EXHAUST REMOVED & REPLACED, REFER TO MECHANICAL PLANS
- CEILING ACCESS PANEL

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BLDG. 600 - REFLECTED CEILING PLAN - DEMOLITION

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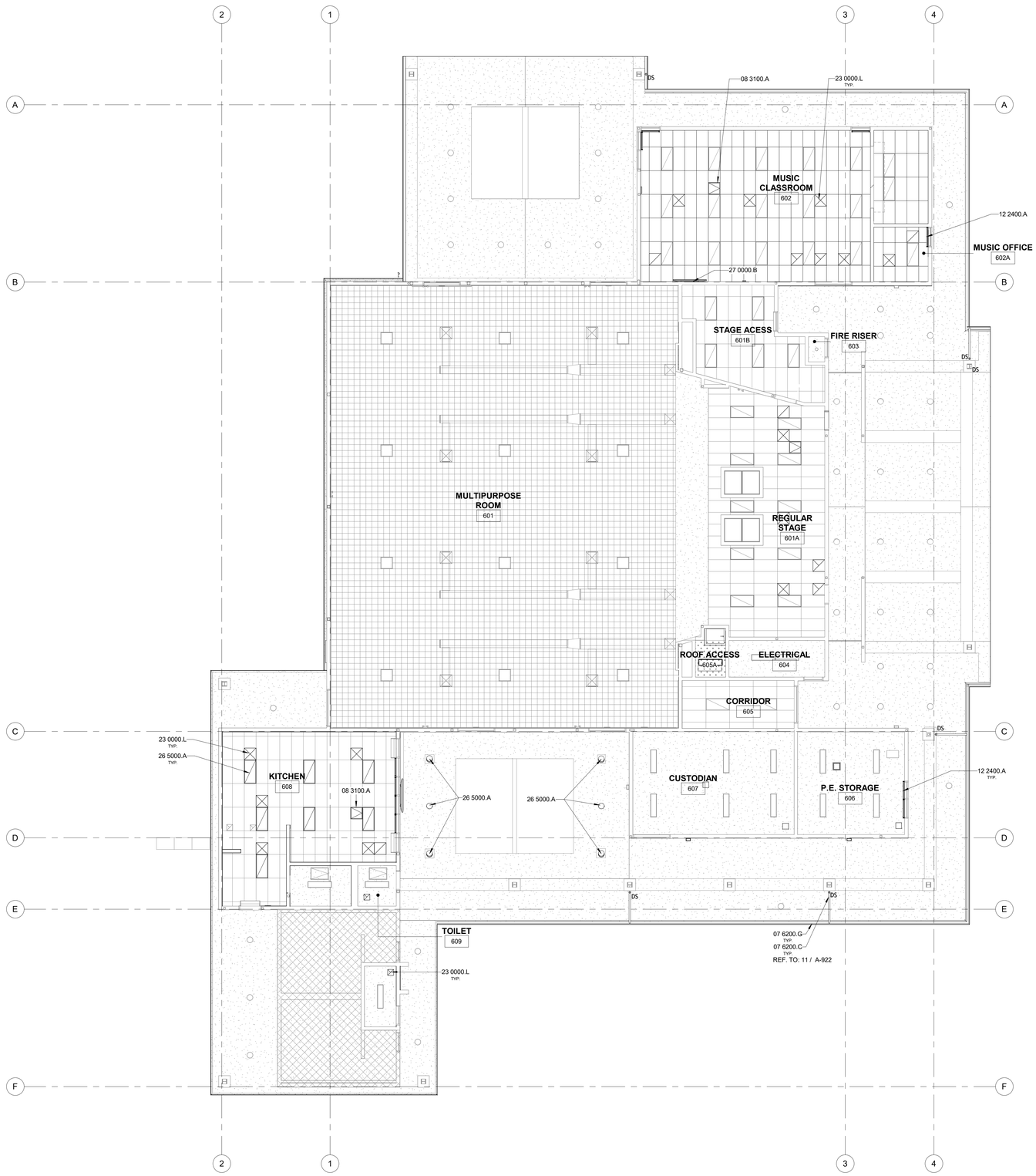

1 BUILDING 600 - REFLECTED CEILING PLAN - PROPOSED

A6-112 SCALE: 1/8" = 1'-0"

RCP GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
3. HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB TO FINISH FACE OF GWB OR FACE OF CEILING GRID
4. BORDERS AT LAY-IN ACOUSTICAL CEILING PANELS SHALL BE CUT TO MATCH FACTORY EDGE PROFILE. NO EXPOSED FASTENERS SHALL BE PERMITTED INCLUDING POP RIVETS AND TAPPETS.
5. FINAL LOCATION OF CEILING ACCESS PANELS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC.
6. AT MODIFIED SUSPENDED CEILINGS, COMPRESSION STRUTS FOR SUSPENDED CEILINGS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. COMPRESSION STRUT LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
7. ALL LIGHT FIXTURES ARE TO BE INSTALLED ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
8. CEILING LIGHT FIXTURES ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. CEILING LIGHT FIXTURE LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
9. CONTRACTOR IS RESPONSIBLE FOR ANY COSTS ARISING FROM REROUTING OVERHEAD UTILITIES, PIPES, DUCTS, CONDUITS, ETC. WHEN IN CONFLICT WITH SUSPENDED CEILING COMPRESSION STRUTS AND CEILING LIGHT FIXTURES.
10. APPROXIMATE CEILING DEMOLITION EXTENTS SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL EXTENTS OF CEILING DEMOLITION NEEDED IN ORDER TO INSTALL THE PROPOSED SCOPE IN THE ATTIC OR CEILING SPACE.

KEYNOTES

07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
07 6200.G	PRE-FINISHED METAL GUTTER
08 3100.A	CEILING ACCESS PANEL. TYP.
12 2400.A	ROLLER WINDOW SHADES. TYP.
23 0000.L	MECHANICAL DIFFUSER. REFER TO MECHANICAL
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.
27 0000.B	WALL-MOUNTED TV BY OWNER.

PROPOSED RCP LEGEND

- XX'-X" — CEILING HEIGHT (SEE PLAN FOR ACTUAL HEIGHTS)
- ACT-1 — INTERIOR (E) TO REMAIN - 2X4 SUSPENDED ACOUSTIC CEILING SYSTEM, REINSTALL (E) CEILING TILES IN (E) GRID, REPLACE DAMAGED TILES AS NEEDED. IF GRID IS MODIFIED FOR ABOVE CEILING WORK, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2, SEE A-951 AND A-952
- ACT-2 — INTERIOR - 12X12 ACOUSTIC CEILING TILE, DIRECT APPLIED W/ ADHESIVE MEETING ASTM D1779. INSTALL OVER GYP. BOARD CEILING INSTALLED IN ACCORDANCE W/ GA-216, LEVEL 2 FINISH. REF. TO: 21/A-942
- PATCHED GYPSUM BOARD CEILING APPLIED TO (E) FRAMING & STRAPPING
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- APPROXIMATE EXTENT OF DRYWALL CEILING PATCHING TO COMPLETE PROPOSED WORK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK.
- AREA NOT IN SCOPE
- CEILING ACCESS PANEL
- MECHANICAL EQUIPMENT, REFER TO MECHANICAL PLANS SUPPLY / RETURN / EXHAUST, REFER TO MECHANICAL PLANS
- LIGHT FIXTURE, REFER TO ELECTRICAL PLANS

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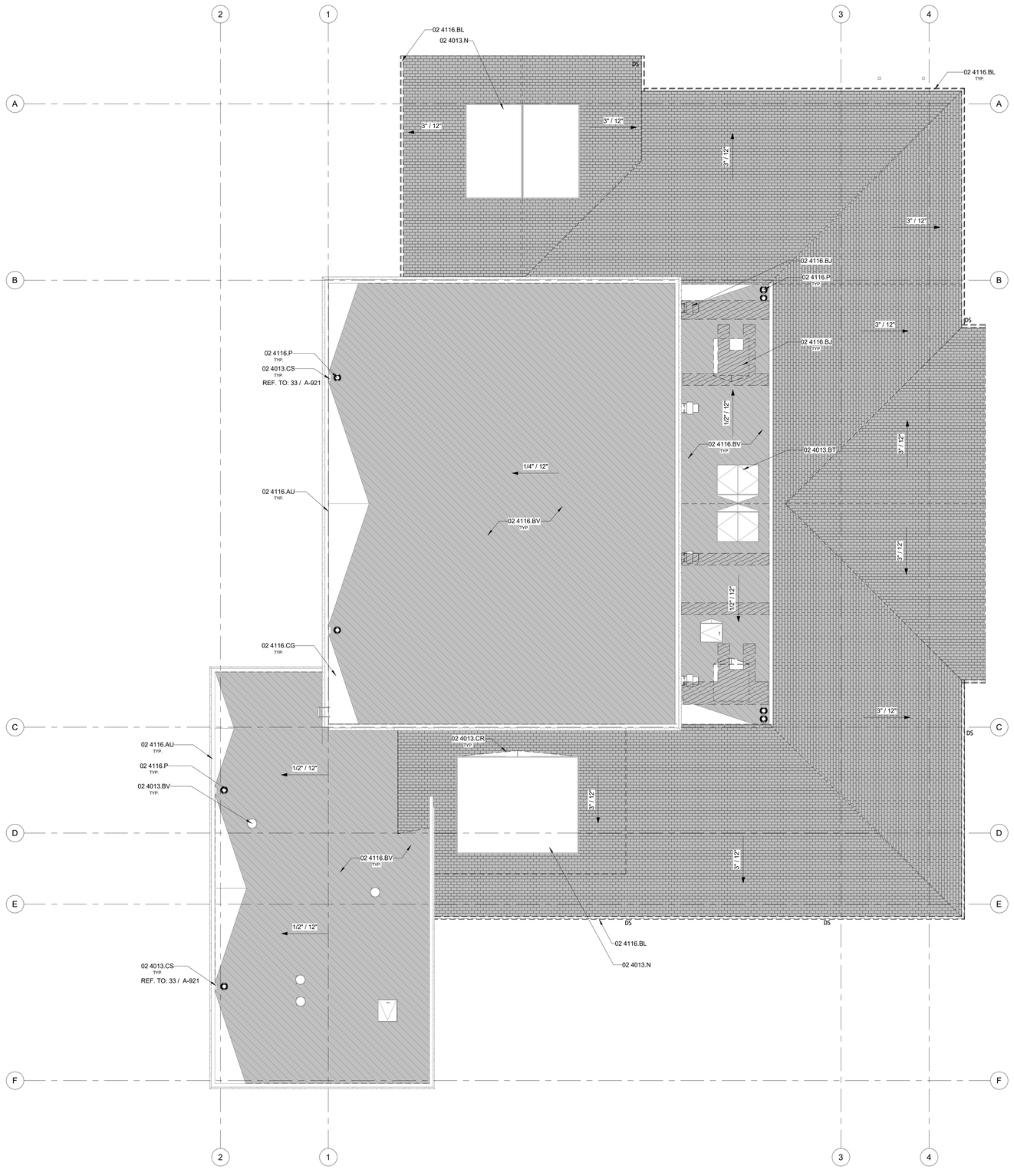

ROOF PLAN GENERAL NOTES

1. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
2. REFER TO GRADING & DRAINAGE PLAN FOR DOWNSPOUT CONNECTIONS TO STORM DRAIN SYSTEM.
3. ALL ROOFING ASSEMBLIES ARE TO BE CLASS-A RATED. REFER TO SPECIFICATIONS FOR MORE INFORMATION. WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (***2022 CBC SECTION 1202***).
4. CONTRACTOR TO VERIFY IN FIELD IF REPAIRS ARE NEEDED ON THE ROOF CUPOLAS.
5. PROVIDE ALLOWANCE FOR DAMAGED ROOF SHEATHING TO BE REPLACED AFTER ROOF IS REMOVED. ASSUME 5% OF ROOF SHEATHING WILL BE DAMAGED.

KEYNOTES

02 4013.BT	EXISTING SMOKE/FIRE VENT HATCH TO REMAIN. PROTECT IN PLACE.
02 4013.BV	EXISTING EXHAUST HOOD TO REMAIN. PROTECT IN PLACE.
02 4013.CR	EXISTING BUILT-UP CRICKET TO REMAIN. PROTECT IN PLACE.
02 4013.CS	EXISTING SCUPPER TO BE MODIFIED. REFER TO DETAIL
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
02 4116.AU	EXISTING PARAPET CAP / FLASHING TO BE REMOVED AND REPLACED.
02 4116.BJ	EXISTING MECHANICAL EQUIPMENT TO BE REMOVED. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
02 4116.BL	EXISTING GUTTER AND DOWNSPOUTS TO BE REMOVED. ABANDON INTERNAL DOWNSPOUTS
02 4116.BV	EXISTING SINGLE-PLY ROOFING TO BE REMOVED TO SHEATHING. PROTECT SHEATHING IN PLACE.
02 4116.CG	EXISTING ROOF CRICKET TO REMAIN, PROTECT IN PLACE, VIF. REMOVE SINGLE-PLY MEMBRANE AND PREPARE CRICKET FOR NEW ROOFING.
02 4116.P	EXISTING ROOF DRAIN TO BE REMOVED. RWL TO REMAIN, PROTECT FOR INSTALLATION OF NEW ROOF DRAIN. TYPICAL AT ALL ROOF DRAINS.

DEMO ROOF PLAN LEGEND

1" / 12"	ROOF SLOPE. EXISTING, V.I.F.
DS	ALL EXTERIOR DOWNSPOUTS TO BE REMOVED AND REPLACED. INTERIOR DOWNSPOUTS TO REMAIN AND TO BE ABANDONED. CONTRACTOR TO VERIFY IN FIELD. REFERENCE RCPS FOR LOCATIONS.
	EXISTING COMPOSITE SHINGLE ROOF AND UNDERLAYMENT TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE, UON
	EXISTING SINGLE PLY ROOF TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE.
	AREA NOT IN SCOPE
	EXISTING GUTTER TO REMAIN. PROTECT IN PLACE.
	ROOF DRAINS, APPROXIMATE LOCATION. REFER TO PLUMBING PLANS.
	MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
	APPROXIMATE EXTENT OF PLYWOOD SHEATHING REMOVAL. REMOVE PLYWOOD SHEATHING ONLY AS REQUIRED TO INSTALL STRUCTURAL FRAMING OR MECHANICAL EQUIPMENT WHERE OCCURS. CONTRACTOR TO COORDINATE FULL EXTENT OF REMOVAL NEEDED WITH PROPOSED WORK. REFERENCE STRUCTURAL AND MECHANICAL.

1 BUILDING 600 - ROOF PLAN - DEMOLITION
A6-121 SCALE: 1/8" = 1'-0"

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 600 - ROOF PLAN - DEMOLITION

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A6-121

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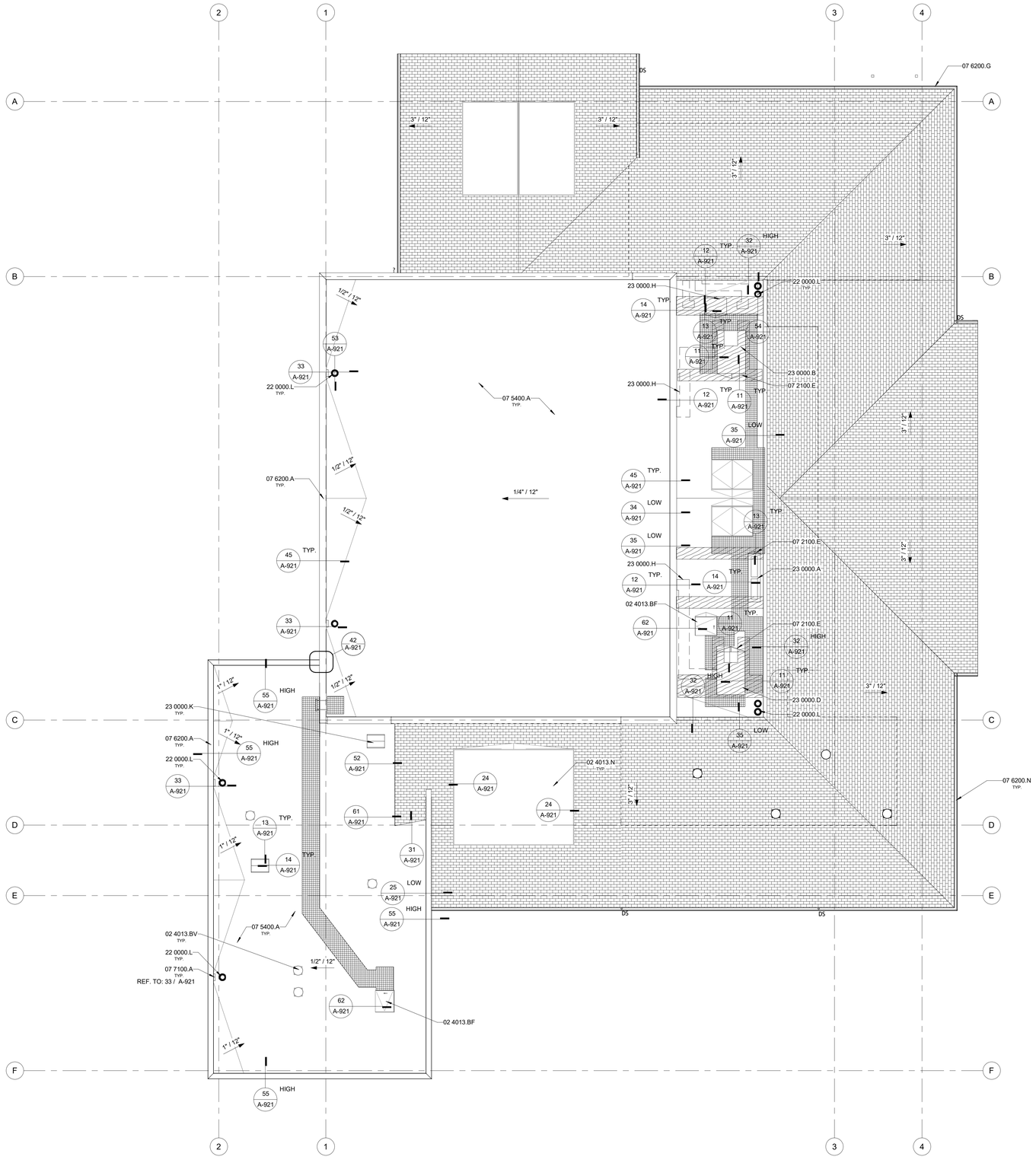

1 **BUILDING 600 - ROOF PLAN - PROPOSED**
A6-122 SCALE: 1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
2. REFER TO GRADING & DRAINAGE PLAN FOR DOWNSPOUT CONNECTIONS TO STORM DRAIN SYSTEM.
3. ALL ROOFING ASSEMBLIES ARE TO BE CLASS-A RATED. REFER TO SPECIFICATIONS FOR MORE INFORMATION. WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (***2022 CBC SECTION 1202***).
4. CONTRACTOR TO VERIFY IN FIELD IF REPAIRS ARE NEEDED ON THE ROOF CUPOLAS.
5. PROVIDE ALLOWANCE FOR DAMAGED ROOF SHEATHING TO BE REPLACED AFTER ROOF IS REMOVED. ASSUME 5% OF ROOF SHEATHING WILL BE DAMAGED.

KEYNOTES

02 4013.BF	EXISTING ROOF HATCH TO REMAIN. PROTECT IN PLACE.
02 4013.BV	EXISTING EXHAUST HOOD TO REMAIN. PROTECT IN PLACE.
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
07 2100.E	TAPERED RIGID ROOF INSULATION CRICKET, TO PROVIDE SLOPE.
07 5400.A	THERMOPLASTIC MEMBRANE ROOFING SYSTEM, 80-MIL, GRAY PVC
07 6200.A	GALVANIZED SHEET METAL WALL CAP
07 6200.G	PRE-FINISHED METAL GUTTER
07 6200.N	ALUMINUM GUTTER, PROVIDE EDGE METAL AND DOWNSPOUTS TYP.
07 7100.A	MODIFIED PVC-CLAD SCUPPER. REFER TO DETAIL
22 0000.L	ROOF DRAIN. REFER TO PLUMBING SCHEDULE. CONTRACTOR TO VERIFY (E) RWL IS DRAINING PROPERLY & CLEAR BLOCKAGE AS NEEDED.
23 0000.A	MECHANICAL EQUIPMENT. REFER TO MECHANICAL
23 0000.B	MECHANICAL UNIT CONDENSER. REFER TO MECHANICAL
23 0000.D	MECHANICAL UNIT
23 0000.H	MECHANICAL DUCT - REFER TO MECHANICAL
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.

ROOF PLAN LEGEND

- 1" / 12" — (E) ROOF SLOPE, VIF
- DS — DOWNSPOUT. REFERENCE RCPS FOR LOCATIONS. FOR DOWNSPOUT, SEE DETAIL
- COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
- SINGLE PLY ROOFING, 80-MIL PVC (FIRE RESISTANCE: CLASS A) (ICC-ES EVALUATION REPORT: ESR-1157) SEE EXTERIOR DETAILS
- (E) CRICKET TO REMAIN. VERIFY SLOPE IN FIELD. PROPOSED TAPERED RIGID INSUL. CRICKETS AT EQUIPMENT NOTED ON PLAN
- EXISTING COPPER GUTTERS TO REMAIN AND PROTECT IN PLACE. EXISTING ALUMINUM GUTTERS TO BE DEMOLISHED AND REPLACED. PROVIDE EDGE METAL. CONTRACTOR TO VERIFY IN FIELD.
- MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
- WALL BELOW
- ROOF WALKWAY PADS. SEE SPEC
- APPROXIMATE EXTENTS OF PLYWOOD SHEATHING PATCH BACK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK. REFERENCE STRUCTURAL & MECHANICAL

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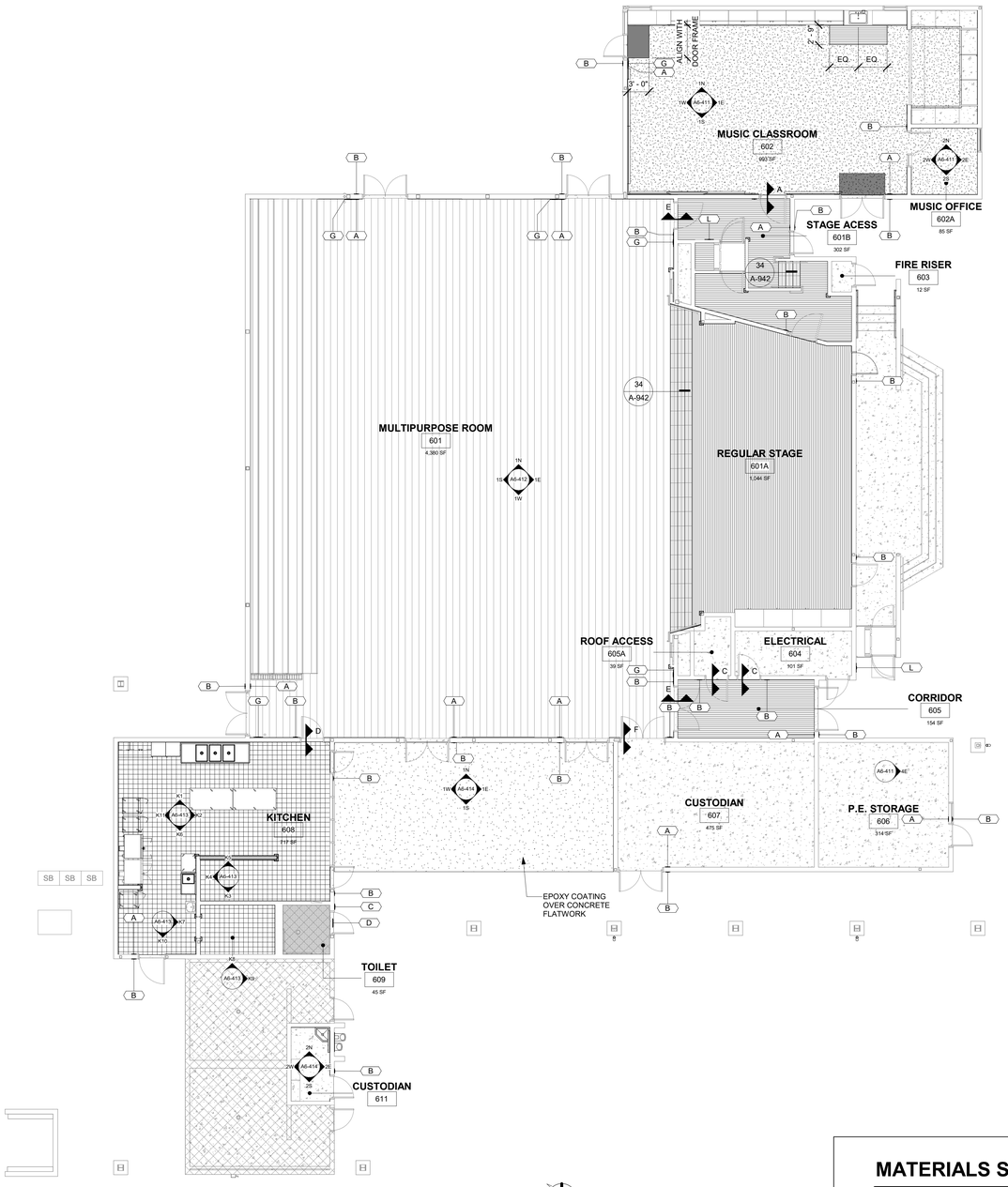

1 BUILDING 600 - FINISH & SIGNAGE PLAN

A6-131 SCALE: 1/8" = 1'-0"

ROOM FINISH SCHEDULE

	NAME	FLOOR	WALL BASE	WALL SUBSTRATE	WALL FINISH	CEILINGS MATERIAL	CEILINGS FINISH	NOTES
601	MULTIPURPOSE ROOM	EXIST	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
601A	REGULAR STAGE	LVT	RB	EXIST	PT	EXIST	EXIST	SEE INTERIOR ELEVATIONS
601B	STAGE ACESS	LVT	RB	EXIST	PT	EXIST	EXIST	SEE INTERIOR ELEVATIONS
602	MUSIC CLASSROOM	CPT / LVT	RB	EXIST	PT / VTB	EXIST	EXIST	SEE INTERIOR ELEVATIONS
602A	MUSIC OFFICE	CPT	RB	EXIST	PT	EXIST	EXIST	SEE INTERIOR ELEVATIONS
603	FIRE RISER	EXIST	EXIST	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
604	ELECTRICAL	EXIST	EXIST	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
605	CORRIDOR	LVT	RB	EXIST	PT	EXIST	EXIST	SEE INTERIOR ELEVATIONS
605A	ROOF ACCESS	EXIST	EXIST	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
606	P.E. STORAGE	EXIST	EXIST	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
607	CUSTODIAN	EXIST	EXIST	EXIST	PT / EXIST, KEEP EXISTING WALL PROTECTION	EXIST	PT	SEE INTERIOR ELEVATIONS
608	KITCHEN	LIN	LIN	EXIST	PT / FRP	EXIST	EXIST	SEE INTERIOR ELEVATIONS. COVE BASE INTEGRAL WITH FLOORING AND WELDED SEAMS.
609	TOILET	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	SEE INTERIOR ELEVATIONS
611	CUSTODIAN	EXIST	EXIST	EXIST	PT / FRP	EXIST	PT	SEE INTERIOR ELEVATIONS

NOTE: *REFER TO RCP FOR EXTENTS OF GWB CEILING PATCHING
*WELLS AT SKYLIGHTS AND SMOKE VENTS TO BE PAINTED
*MISC INTERIOR WOOD TRIM TO BE PAINTED TO MATCH SURROUNDING WALLS

ABBREVIATIONS

EXIST EXISTING TO REMAIN

BASE
LIN LINOLEUM
RB RUBBER BASE
TL TILE COVE BASE

CEILING
ACT ACOUSTIC CEILING TILE
GWB GYPSUM BOARD, PAINT FINISH.
OPEN OPEN TO ABOVE

FINISH
FRP FIBER REINFORCED PANEL
PRE MANUFACTURER FINISHED
PT PAINT
VTB VINYL COVERED TACKBOARD

FLOORS
CONC EXPOSED CONCRETE, CLEAR SEAL FINISH.
CPT CARPET TILES, TRANSITION STRIPS AT EXPOSED EDGES.
LIN LINOLEUM
LVT LUXURY VINYL TILE
TL FLOOR TILE

SUBSTRATE
CB CEMENT BOARD
GWB GYPSUM BOARD

FINISH PLAN GENERAL NOTES

1. PROVIDE SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
2. REFER TO FLOORING MFR'S REQUIREMENTS FOR CONCRETE SLAB TESTING AND PREPARATION, AND PROVIDE MITIGATING MEASURES WHERE REQUIRED PER MFR.
3. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS.
4. ALL FLOOR FINISH MATERIAL CHANGES SHALL HAVE TRANSITION STRIPS. REFER TO DETAIL 32/A-701.
5. ALL FLOORING MATERIALS SHALL COMPLY WITH ***2022 CBC SEC. 804.1.***
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL WALL FINISH INFORMATION.
8. REMOVE AND DEMO EXISTING SIGNS. PATCH AND PAINT AREAS AS NEEDED.
9. ALL DOORS AND DOOR FRAMES TO BE PAINTED. SEE MATERIALS SCHEDULE.
10. CONTINUE FLOORING TO WALL AT OPEN CASEWORK SINK APRONS AND COUNTERTOP WITHOUT BASE CABINETS. NO EXPOSED UNFINISHED SLAB.

FINISH REQUIREMENTS (MIN.)

PER ***2022 CBC 803.13*** INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN THAT SPECIFIED IN TABLE 803.13 FOR THE GROUP AND LOCATION DESIGNATED. REFER TO ***2022 CBC SEC. 803*** FOR ADDITIONAL INFORMATION.

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY
(CBC 2022 TABLE 803.13)

DEGREE OF FIRE PROTECTION: SPRINKLERED

GROUP	INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	ROOMS AND ENCLOSED SPACES
A-1 & A-2	B	B	C
A-3,A-4,A-5	B	B	C
B,E,M,R-1	B	C	C
R-2	C	C	C
R-2.1	B	C	C
R-2.2	C	C	C
R-3, R-3.1	C	C	C
S	C	C	C

CLASSIFICATIONS
CLASS A:
- FLAME SPREAD INDEX = 0-25
- SMOKE DEVELOPED INDEX = 0-450

CLASS B:
- FLAME SPREAD INDEX = 26-75
- SMOKE DEVELOPED INDEX = 0-450

CLASS C:
- FLAME SPREAD INDEX = 76-200
- SMOKE DEVELOPED INDEX = 0-450

NOTE: SPECIFIED MATERIALS MAY INTENTIONALLY EXCEED MINIMUM REQUIREMENTS.

SIGNAGE NOTES

(A) TACTILE EXIT SIGN READING "EXIT". WHERE MOUNTED ON GLASS, SIZE EXIT SIGN TO MATCH EXTERIOR GLASS MOUNTED ROOM IDENTIFICATION SIGNAGE. ALIGN EXIT SIGN WITH ROOM SIGNAGE WHEN MOUNTING. ***REFER TO CODE PLAN FOR EXITING.*** REF. TO: 12 / A-904

(B) ROOM IDENTIFICATION SIGN. WHERE SIGN IS ONE-SIDED AND MOUNTED ON GLASS, INSTALL OPAQUE VINYL TO MATCH COLOR AND SIZE OF PLAQUE BEHIND THE SIGN. ***PROVIDE ROOM ID AT ALL INTERIOR AND EXTERIOR DOORS.*** REF. TO: 22 / A-904

(C) ROOM IDENTIFICATION SIGN. PROVIDE DIRECTIONAL SIGNAGE TO NEAREST ACCESSIBLE RESTROOM. REF. TO: 15 / A-904

(D) GEOMETRIC SYMBOL MOUNTED ON DOOR. REF. TO: 14 / A-904

(E) ROOM IDENTIFICATION WITH PICTOGRAM AND INTERNATIONAL SYMBOL OF ACCESSIBILITY. REF. TO: 15 / A-904

(F) CEILING-MOUNTED ILLUMINATED EXIT SIGN. ***REFER TO CODE PLAN FOR EXITING.*** SEE ELECTRICAL.

(G) INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED, INCLUDE WORDING THAT STATES, "ASSISTIVE LISTENING SYSTEM AVAILABLE." ***SEE FINISH PLAN FOR SIGNAGE PLACEMENT.*** REF. TO: 23 / A-904

(H) OCCUPANT LOAD SIGN THAT STATES "MAXIMUM OCCUPANCY ___ PERSONS"
* ___ # AT BUILDING G MULTI-PURPOSE ROOM
PROVIDE OCCUPANT LOAD SIGN AT ROOMS WITH OCCUPANTS GREATER THEN 50. REFER TO CODE PLAN FOR OCCUPANT LOAD CALCULATIONS. REF. TO: 24 / A-904

(J) DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF NEAREST ENTRANCE WITH AN ACCESSIBLE DOOR.

(K) ENTRANCE SIGNAGE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

(L) RESTRICTION SIGNAGE THAT STATES "NO FREIGHT" WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

LEGEND (WHERE APPLICABLE)

CPT 1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

FLOORS

CONC-2 SEALED CONCRETE
CPT-1 CARPET
LVT LVT FLOORING
NOTE
LVT FLOORING TO EXTEND UNDER CABINETS WHERE OPEN BELOW
CPT-2 WALK-OFF MAT
LIN LINOLEUM
TL-1 TILE FLOORING
EPOXY COATING OVER CONCRETE FLATWORK
NOT IN SCOPE
(E) GYMNASIUM FLOOR, TO REMAIN, PROTECT IN PLACE

X FLOORING TRANSTION:
- "A": LVT TO CARPET
- "B": CARPET TO CONCRETE (POLISHED OR SEALED)
- "C": LVT TO CONCRETE (POLISHED OR SEALED)
- "D": LINOLEUM TO WOOD
- "E": LVT TO WOOD
- "F": CONCRETE (POLISHED OR SEALED) TO WOOD

WALLS

CORNER GUARDS

MATERIALS SCHEDULE

MARK	MATERIAL	MANUFACTURER	PATTERN/TEXTURE	COLOR	COMMENTS
FLOORS					
CPT-1	SHEET CARPET	TARKETT	AFTERMATH II 03026	TAPESTRY 23512	POWERBOND (NOT TILE)
CPT-2	WALK-OFF MAT	TARKETT	ABRASIVE ACTION II	CHARCOAL 19100	POWERBOND (NOT TILE)
LVT	LUXURY VINYL TILE	TARKETT	EVEN PLANE	MINIMAL WOOD, GREY 8713	PLANK
LIN	LINOLEUM	FORBO	MARMOLEUM, REAL	EIGER 2629	WELDED SEAMS
CONC	SEALED CONCRETE		CLEAR SEAL		
RUB	RUBBER STAIR TREAD/RISER	JOHNSONITE	ANGLE FIT	BLACK	WITH RISER, CONTRAST STRIPING
TL-1	FLOOR TILE	DALTILE	2X2 MOSAIC	DESERT GREY SPECKLE, D200	TCNA F112-21 WITH MEMBRANE
WALLS					
B-1	RUBBER WALL BASE	JOHNSONITE	4" HIGH RUBBER BASE	BLACK	COILED ROLL
B-2	TILE WALL BASE	DALTILE	5X12 COVE BASE	DESERT GREY SPECKLE, D200	
B-3	LINOLUM WALL BASE	FORBO	MARMOLEUM, REAL	EIGER 2629	CONTINUOUS WITH FLOORING
VTB	VINYL COVERED TACKBOARD	KOROSEAL	INSIGHT	SHIMMER 6322-91	PERFORATED AT MUSIC CLASSROOM
FRP	FIBER REINFORCED PANELS	MARALITE	EMBOSSED/PEBBLED	WHITE	CLASS A
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
WCG	WALL CORNER GUARD			STAINLESS STEEL	SURFACE MOUNT
CASEWORK					
PL-1	PLASTIC LAMINATE COUNTERTOP	WILSONART	MAGNOLIA	LENO WEAVE 5012K-19	
PL-2	PLASTIC LAMINATE CABINET	WILSONART	KHAKI BROWN	MATTE FINISH D50-60	
CEILING					
ACT-1	ACOUSTIC CEILING TILE-2X4	ARMSTRONG	2X4, SCHOOL ZONE FINE FISSURED	WHITE	MATCH EXISTING
ACT-2	ACOUSTIC CEILING TILE - 12X12	ARMSTRONG	FINE FISSURED TILE, #746	WHITE	DIRECT APPLIED (NO SUSPENSION SYSTEM)
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
MISCELLANEOUS					
PT-1	INTERIOR DOOR FRAMES	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	MATCH EXISTING
PT-2	INTERIOR DOORS	SHERWIN WILLIAMS	SEMI-GLOSS	GRAND CANAL, SW6488	MATCH EXISTING
	ROLLER SHADES - FABRIC	MECHO SHADE	THERMOVEIL, 1700...	1716 EGGSHELL	1% OPEN
	ROLLER SHADES - FASCIA	MECHO SHADE		WHITE	

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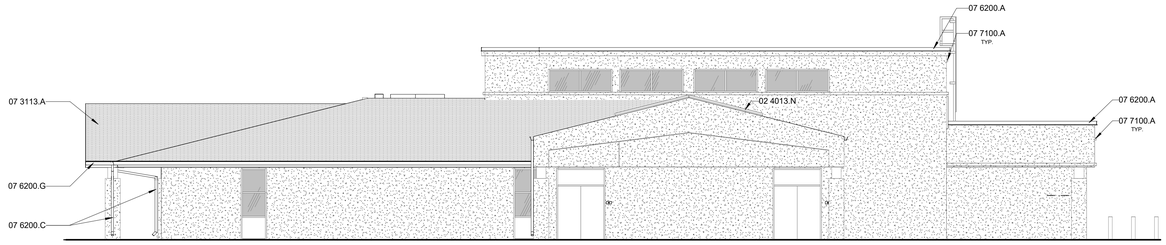
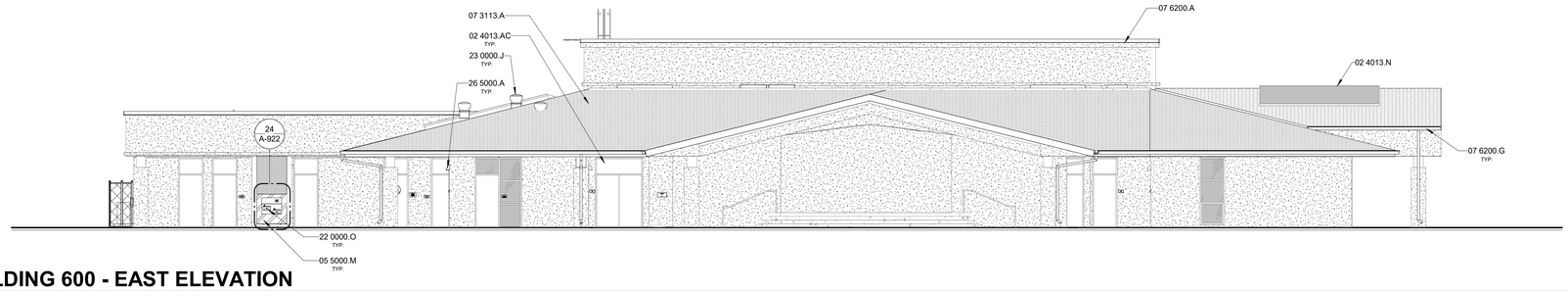


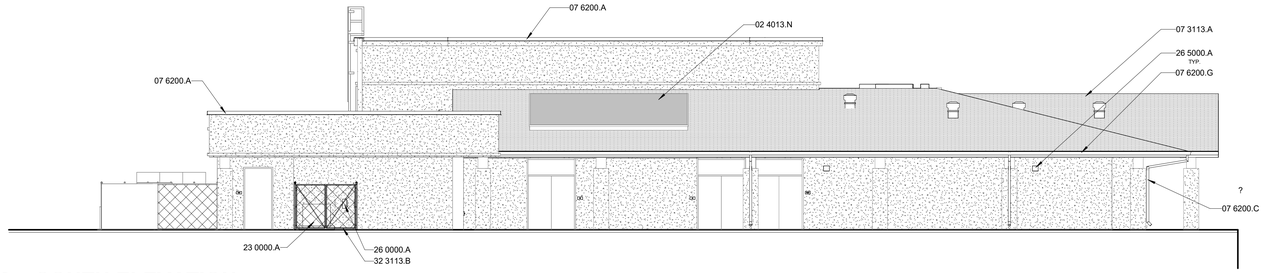
1 BUILDING 600 - NORTH ELEVATION

A6-102 | A6-201 SCALE: 1/8" = 1'-0"



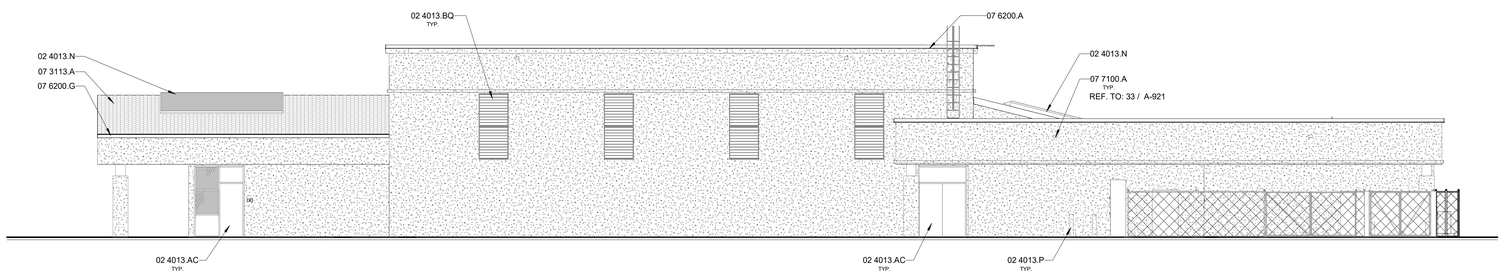
2 BUILDING 600 - EAST ELEVATION

A6-102 | A6-201 SCALE: 1/8" = 1'-0"



3 BUILDING 600 - SOUTH ELEVATION

A6-102 | A6-201 SCALE: 1/8" = 1'-0"



4 BUILDING 600 - WEST ELEVATION

A6-102 | A6-201 SCALE: 1/8" = 1'-0"

EXTERIOR MATERIALS SCHEDULE

Tag	Description	Application	Manufacturer	Pattern/Texture	Color	Other
PAINT						
XPT-1	EXTERIOR PAINT	(N) FASCIA	SHERWIN WILLIAMS		TBD	MATCH EXISTING
XPT-2	EXTERIOR PAINT	STEEL DOWNSPOUTS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOOR FRAMES	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOORS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	FASCIA BOARDS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
MISC.						
	ROOF	ASPHALT SHINGLE	CERTAINTEED	LANDMARK SOLARIS	GEORGETOWN GRAY	
	GUTTERS AND SHEET METAL DOWNSPOUT LEADERS		MCELROY METALS	PREFINISHED KYNAR 500	MATCH EXISTING TO REMAIN COPPER GUTTERS	
	ROOFTOP MECH / PLUMBING EQUIPMENT		PREFINISHED OR PAINTED	PREFINISHED OR PAINTED	MATCH ROOFING	

ELEVATION GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.
3. SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. REFER TO ROOF PLAN FOR ROOF PITCH AND OVERHANGS. FASCIA PER DETAILS.
5. SEE ROOF PLAN FOR EXISTING AND PROPOSED ROOF ELEMENTS, AND APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.
6. REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION.
7. SEE ELECTRICAL DRAWINGS FOR ALL EXISTING AND PROPOSED EXTERIOR LIGHTING
8. SEE MECHANICAL DRAWINGS FOR GRILLES AND LOUVERS. PAINT TO MATCH ADJACENT FINISH.
9. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK.
10. DO NOT REMOVE EXTERIOR FINISHES UNLESS AS NOTED. COORDINATE ALL BLOCKING, ELECTRICAL AND OTHER REQUIRED SCOPE TO BE INSTALLED FROM THE INTERIOR. SEE DEMOLITION NOTES ON FLOOR PLAN SHEETS.

KEYNOTES

02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.BQ	EXISTING LOUVERS IN WALL TO REMAIN. PROTECT IN PLACE.
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
02 4013.P	EXISTING CONCRETE BOLLARD TO REMAIN
05 5000.M	STAINLESS STEEL SHEET BACKSPLASH. SEE DETAIL
07 3113.A	ASPHALT SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. TYP.
07 6200.A	GALVANIZED SHEET METAL WALL CAP
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
07 6200.G	PRE-FINISHED METAL GUTTER
07 7100.A	MODIFIED PVC-CLAD SCUPPER. REFER TO DETAIL
22 0000.O	HI LOW DRINKING FOUNTAIN WITH BOTTLE FILLER. REFER TO PLUMBING.
23 0000.A	MECHANICAL EQUIPMENT. REFER TO MECHANICAL
23 0000.J	EXHAUST HOOD. REFER TO MECHANICAL.
26 0000.A	ELECTRICAL DISCONNECT. REFER TO ELECTRICAL.
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.
32 3113.B	6' CHAIN LINK GATE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.

LEGEND

- (E) CEMENT PLASTER SYSTEM TO REMAIN
- (E) GLAZING TO REMAIN
- (E) TILE TO REMAIN
- COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
- STAINLESS STEEL SHEET BACKSPLASH REF. TO: 24 / A-922

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APP: 03-125575 INC:
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DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
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C 40884
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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 600 - EXTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A6-201

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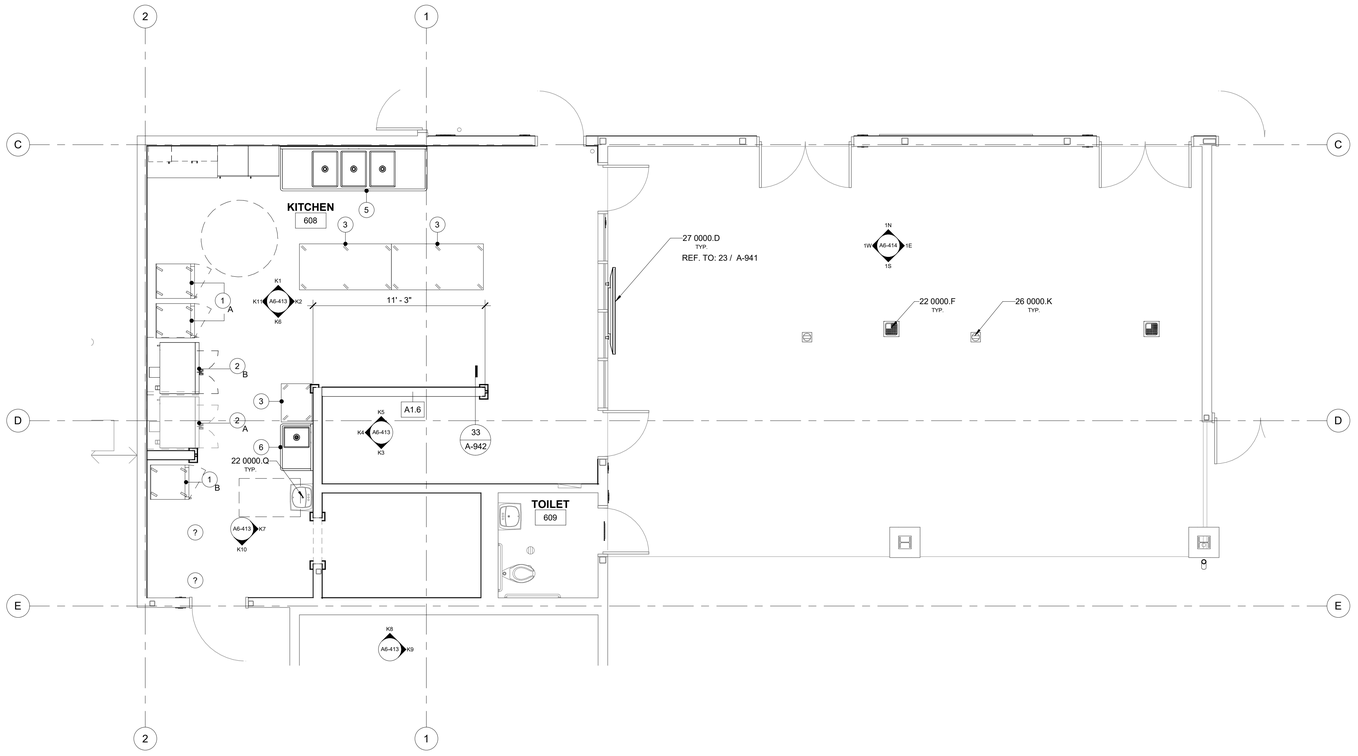

1 BUILDING 600 - ENLARGED FLOOR PLAN - PROPOSED - KITCHEN & SERVERY

A6-102 | A6-400 SCALE: 1/4" = 1'-0"

KITCHEN EQUIPMENT AND FURNISHING SCHEDULE (EXISTING)

TYPE	MARK	Manufacturer	Model	DESCRIPTION	COMMENTS	DETAIL
1	A	VULCAN	VP18-1M3ZN	WARMING CABINET	EXISTING TO BE RELOCATED. PROTECT. NEW LOCATION SHOWN ON PLANS.	ANCHORAGE NOT REQUIRED PER CBC 1617A.1.18 EXP B, SEE STRUCTURAL CALCS
2	A			STACKED DOUBLE OVEN	EXISTING TO REMAIN. PROTECT	41/A-941
3				PREP TABLE	EXISTING TO REMAIN, PROTECT	

ALTERNATE #1

KITCHEN EQUIPMENT AND FURNISHING SCHEDULE

TYPE	MARK	Manufacturer	Model	DESCRIPTION	COMMENTS	DETAIL
1	B	VULCAN	VP18-1M3ZN	WARMING CABINET	CFCI	ANCHORAGE NOT REQUIRED PER CBC 1617A.1.18 EXP B, SEE STRUCTURAL CALCS
2	B			STACKED DOUBLE OVEN	CFCI	41/A-941
5		ADVANCE TABCO		3-COMPARTMENT SINK	CFCI, SEE PLUMBING SCHEDULE	
6		ADVANCE TABCO		1-COMPARTMENT SINK	CFCI, SEE PLUMBING SCHEDULE	

KITCHEN EQUIPMENT ANCHORAGE NOTES

1. ALL "HARDWIRE AND GAS" KITCHEN EQUIPMENT SHALL BE INSTALLED WITH SEISMIC RESTRAINTS PER GUIDELINES FOR SEISMIC RESTRAINTS FOR KITCHEN EQUIPMENT AS PUBLISHED BY SMACNA AND DSA FIELD ENGINEER.
2. WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE DSA FIELD ENGINEER.
3. A COPY OF THE "GUIDELINES" SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB SITE AT ALL TIMES.

FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM FOR FURTHER INFORMATION.
3. FLOOR PLAN DIMENSIONS ARE TO FACE OF FINISH UNLESS SPECIFICALLY NOTED OTHERWISE.
4. FOR INTERIOR ELEVATION TAGS, SEE FINISH & SIGNAGE FLOOR PLAN ON SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131.
5. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
6. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO GRAB BARS, FIXTURES, AND ACCESSORIES.
7. REFER TO SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131 ROOM FINISH SCHEDULES FOR EXISTING AND PROPOSED FINISHES.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

22 0000.F	FLOOR SINK. REFER TO PLUMBING.
22 0000.Q	SINK. REFER TO PLUMBING.
26 0000.K	ELECTRICAL FLOOR BOX, REFER TO ELECTRICAL
27 0000.D	WALL-MOUNTED TV BY OWNER. INSTALL BLOCKING FROM INTERIOR AS NEEDED TO INSTALL TV BRACKET BY CONTRACTOR.

FLOOR PLAN LEGEND

EXISTING WALL TO REMAIN, SEE FINISH PLAN FOR FINISHES

FE — FIRE EXTINGUISHER MOUNTED TO WALL,SEE DETAIL: 24 / A-942

FEC — FIRE EXTINGUISHER WITH CABINET, SEE DETAIL:

DS — DOWNSPOUT, SEE DETAIL: 11 / A-922

WALL TYPES

A1.6 — WOOD FRAMED 2X6 WALL, HALF HEIGHT TO 4'-0" AFF, SEE DETAIL 33/A-942

LEGEND

- DEMO - INTERIOR - CARPET AND BASE
- DEMO - INTERIOR - LINOLEUM TILE AND BASE
- DEMO - INTERIOR - TILE AND BASE
- DEMO - AREA OF CASEWORK AND SINK REMOVED
- DEMO EXISTING PARTITION OR WALL FINISH
- PROTECT IN PLACE EXISTING
- EXISTING CONCRETE FLOOR TO REMAIN
- N.I.S. — NOT IN SCOPE
- APPROXIMATE EXTENT OF EXISTING CONCRETE REMOVAL TO COMPLETE MEP SCOPE. SAWCUT AND REMOVE EXISTING SLAB AS NEEDED FOR SEWER AND ELECTRICAL SCOPE. PATCH BACK EXISTING CONCRETE AND SLAB. REFER TO MEP DRAWINGS FOR FULL SCOPE. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK. REF. TO: 23 / A-922
- FE — EXISTING FIRE EXTINGUISHER TO REMAIN. SEE INTERIOR ELEVATIONS.
- FE — FIRE EXTINGUISHER MOUNTED TO WALL. SEE INTERIOR ELEVATIONS. REF. TO: 24 / A-942
- FEC — EXISTING FIRE EXTINGUISHER WITH CABINET TO REMAIN. SEE INTERIOR ELEVATIONS.
- DS — DOWNSPOUT. REF. TO: 13 / A-922

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DSA SUBMITTAL

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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

BLDG. 600 - ENLARGED FLOOR PLANS

NO.	REVISION	DATE

PROJECT MANAGER JH
DRAWN BY DP, SD, AS
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DATE 12/12/2025
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SHEET A6-400

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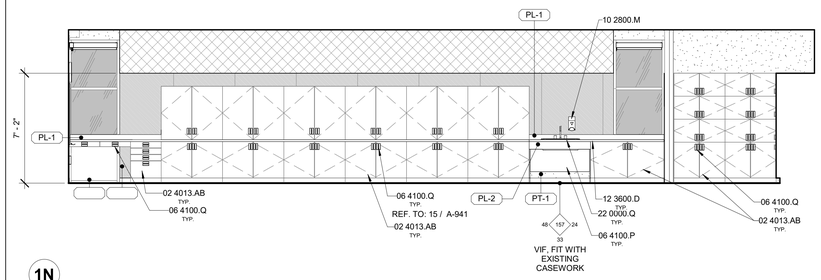

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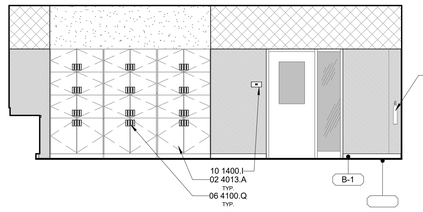

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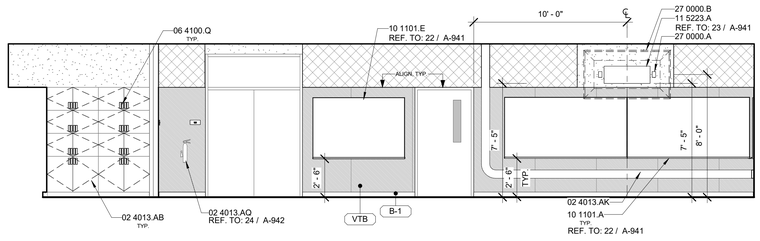

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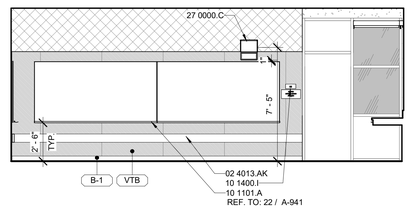
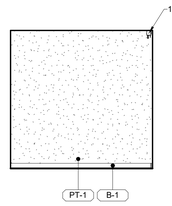


1W

1/4" = 1'-0" **602 - MUSIC CLASSROOM**



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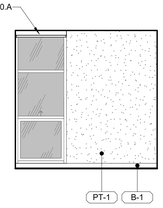

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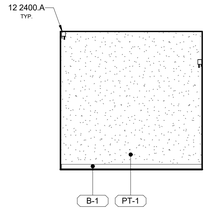

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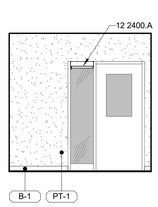
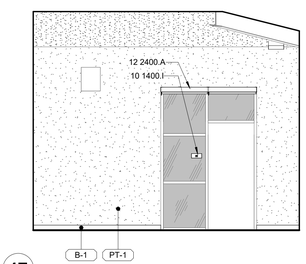


2W

1/4" = 1'-0" **602A - MUSIC OFFICE**



4E

1/4" = 1'-0" **606 - P.E. OFFICE AND STORAGE**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE.
02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1101.E	4' x 6' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 2800.M	-
11 5223.A	WALL-MOUNTED BRACKET FOR TV WITH SOLID BLOCKING SUPPORT. CUT INTO DRYWALL AS NEEDED TO INSTALL REQUIRED BLOCKING. PATCH AND REFINISH WALL.
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.Q	SINK. REFER TO PLUMBING.
27 0000.A	CABLE/DATA/POWER CONNECTION, REFER TO ELECTRICAL
27 0000.B	WALL-MOUNTED TV BY OWNER.
27 0000.C	CLOCK SPEAKER, REFER TO ELECTRICAL. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

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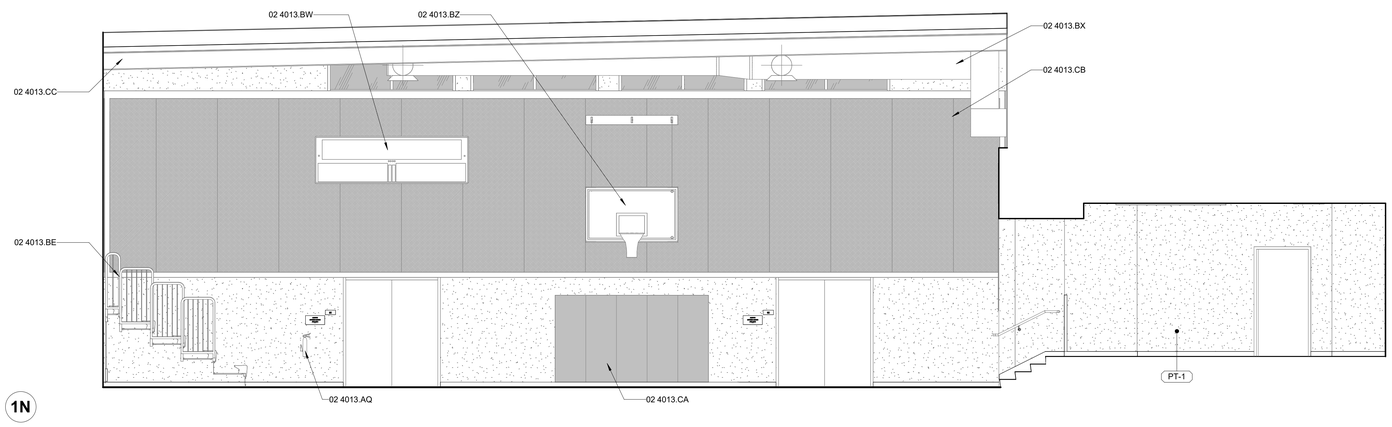

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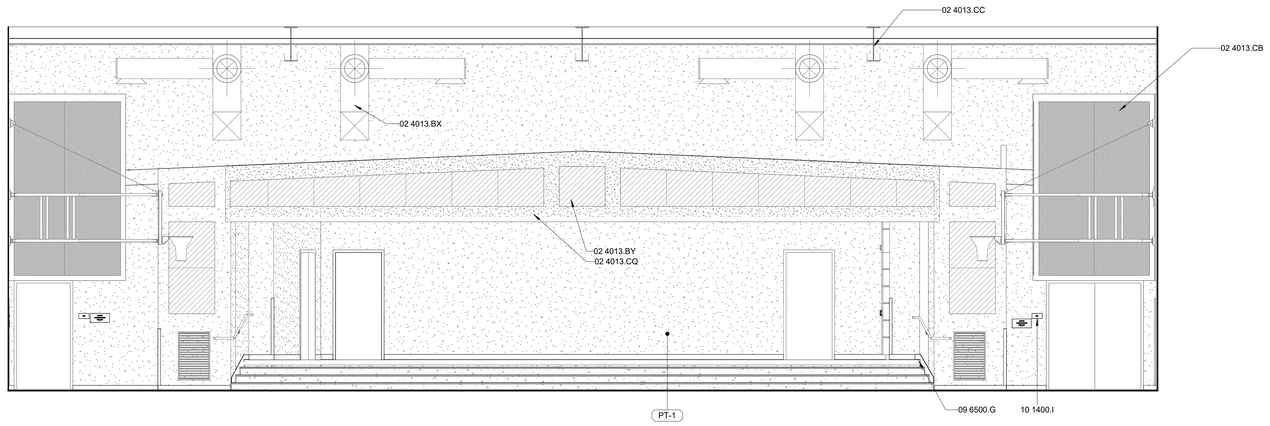

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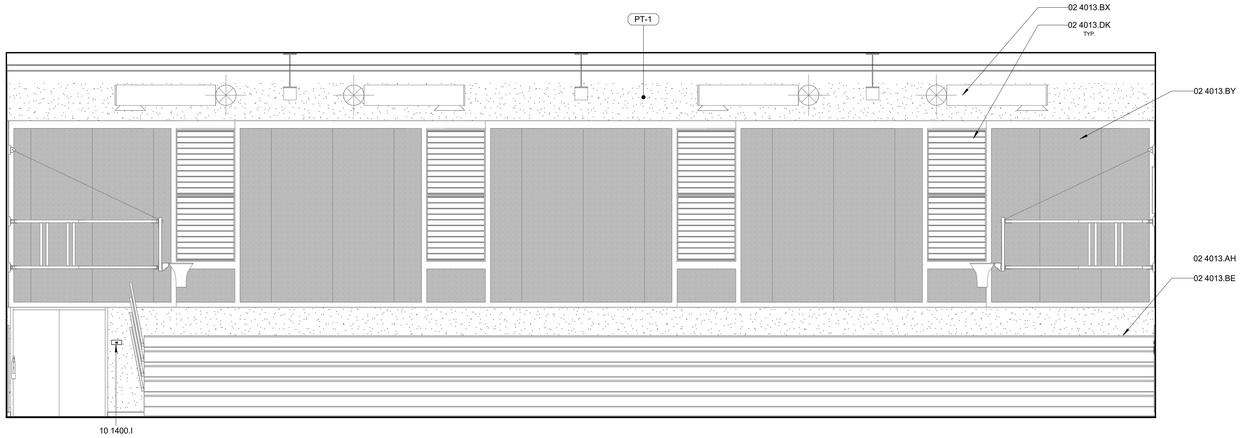

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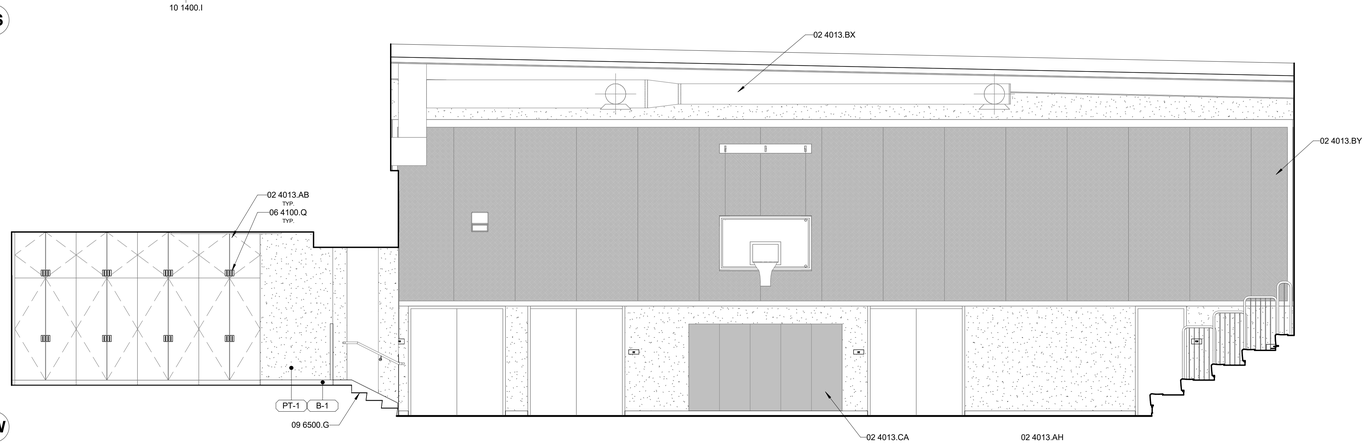

1W

1/4" = 1'-0"

601 - MULTIPURPOSE ROOM

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AH	EXISTING TACKBOARD TO REMAIN.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
02 4013.BE	EXISTING BLEACHERS TO REMAIN. NO WORK. PROTECT IN PLACE.
02 4013.BW	EXISTING SCOREBOARD TO REMAIN, PROTECT IN PLACE.
02 4013.BX	EXISTING DUCTWORK TO REMAIN, RE MECH, PAINT
02 4013.BY	EXISTING ACOUSTIC WALL PANELS TO REMAIN, PROTECT IN PLACE, PAINT.
02 4013.BZ	EXISTING BASKETBALL HOOP TO REMAIN. PROTECT IN PLACE.
02 4013.CA	EXISTING WALL PADS TO REMAIN. PROTECT IN PLACE.
02 4013.CB	EXISTING ACOUSTIC WALL PANELS TO REMAIN, PROTECT IN PLACE, PAINT
02 4013.CC	EXISTING BEAM TO REMAIN, TYP. PROTECT IN PLACE, PAINT
02 4013.CQ	EXISTING GWB STAGE SURROUND, PAINT ACCENT COLOR, COLOR TBD.
02 4013.DK	EXISTING LOUVER TO REMAIN, PROTECT IN PLACE, PAINT.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
09 6500.G	RUBBER STAIR TREADS AND RISERS
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

- PT-1
- SS
- (T) — (E) TEMPERED GLASS PANE
- VTB-1
- FRP
- (E) GLAZING
- (E) ACOUSTIC PANELS, PROTECT IN PLACE
- STRETCHED-FABRIC ACOUSTIC WALL PANELS

REFER TO INTERIOR ELEVATIONS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

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REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

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DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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C 40884
10-31-27
RENEWAL DATE
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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 600 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET A6-412

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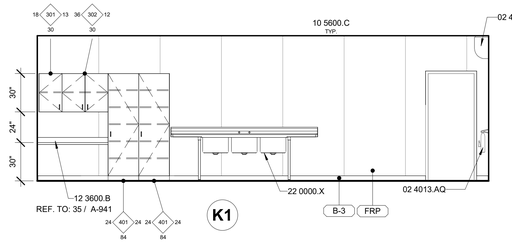

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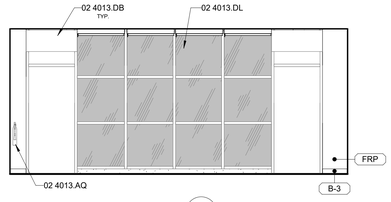

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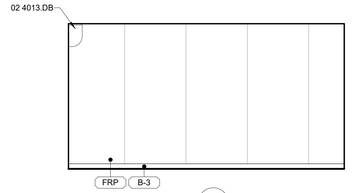

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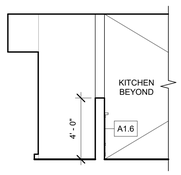

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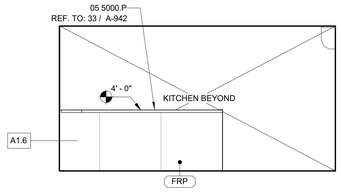

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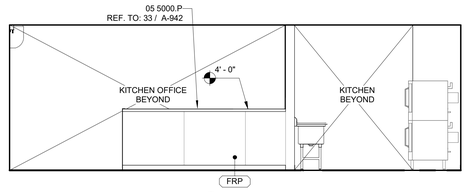

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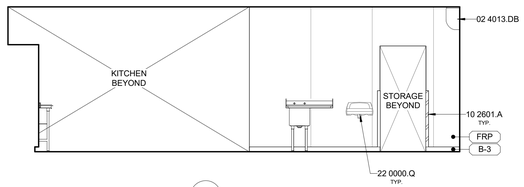

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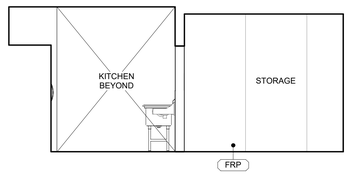

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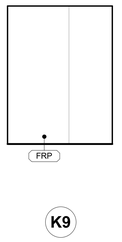

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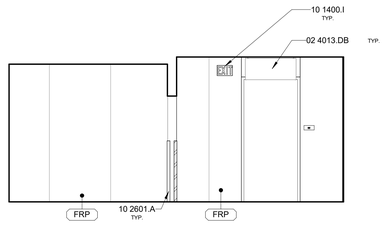

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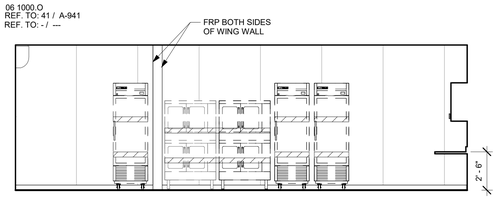

K11

1/4" = 1'-0"

608 - KITCHEN SOUTH 2

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
02 4013.DB	EXISTING AIR CURTAIN TO REMAIN. PROTECT IN PLACE.
02 4013.DL	EXISITING WINDOW TO REMAIN. PROTECT IN PLACE, TYP.
05 5000.P	STAINLESS STEEL WALL CAP
06 1000.A	NEW WOOD FRAMED WALL.
06 1000.O	PROVIDE BLOCKING FOR SHELVING/KITCHEN EQUIPMENT ANCHORAGE.
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 2601.A	CORNER GUARD
10 5600.C	WIRE STORAGE SHELVES
12 3600.B	PLASTIC LAMINATE COUNTERTOP
22 0000.Q	SINK. REFER TO PLUMBING.
22 0000.X	COMPARTMENT SINK. REFER TO PLUMBING.

WALL TYPES

A1.6	WOOD FRAMED 2X6 WALL, HALF HEIGHT TO 4'-0" AFF, SEE DETAIL 33/A-942

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 600 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
A6-413

DSA SUBMITTAL

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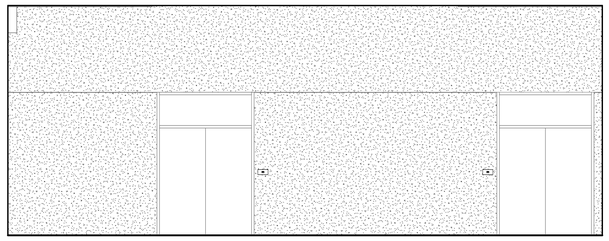

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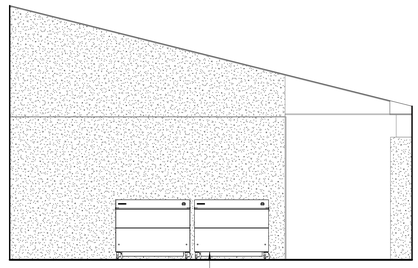

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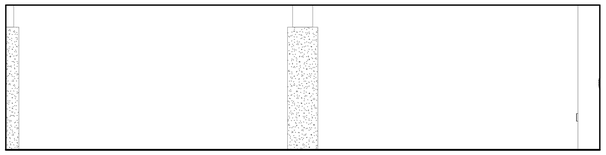

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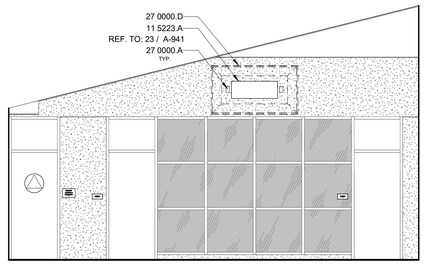
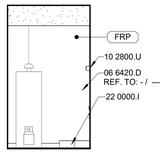


1W

1/4" = 1'-0" **SERVERY**



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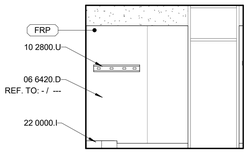
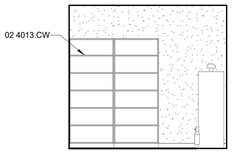


2E

2S



2W

1/4" = 1'-0" **611 - CUSTODIAN**

INT. ELEVS. GENERAL NOTES

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2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
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DEMOLITION NOTES

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2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.BO	EXISTING MILK COOLERS TO REMAIN. PROTECT AND RELOCATE. REF. PROPOSED PLANS FOR RELOCATION.
02 4013.CH	EXISTING MOP RACK TO REMAIN. PROTECT IN PLACE
02 4013.CW	EXISTING SHELVES TO REMAIN, PAINT.
06 6420.D	FRP WALL PANEL
10 2800.U	MOP RACK
11 5223.A	WALL-MOUNTED BRACKET FOR TV WITH SOLID BLOCKING SUPPORT. CUT INTO DRYWALL AS NEEDED TO INSTALL REQUIRED BLOCKING. PATCH AND REFINISH WALL.
22 0000.I	MOP SINK. REFER TO PLUMBING.
27 0000.A	CABLE/DATA/POWER CONNECTION, REFER TO ELECTRICAL
27 0000.D	WALL-MOUNTED TV BY OWNER. INSTALL BLOCKING FROM INTERIOR AS NEEDED TO INSTALL TV BRACKET BY CONTRACTOR.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

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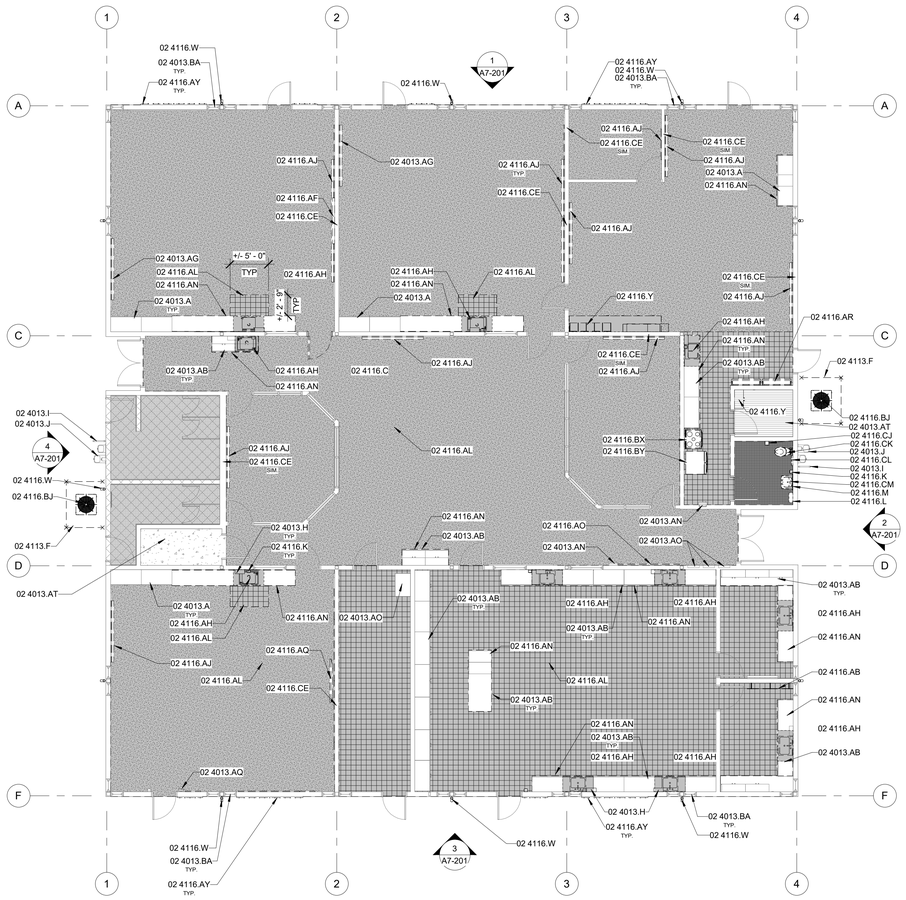
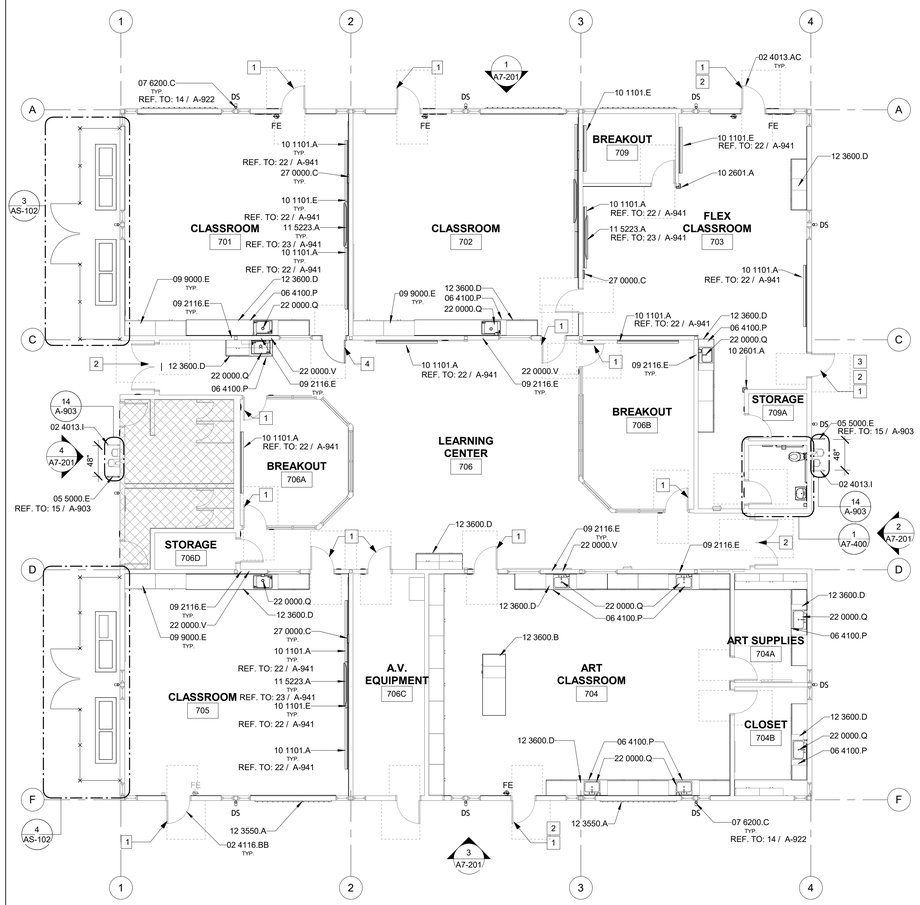


1 BUILDING 700 - FLOOR PLAN - DEMOLITION

A7-101 SCALE: 1/8" = 1'-0"



2 BUILDING 700 - FLOOR PLAN - PROPOSED

G-402 A7-101 SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE ALARM FOR FURTHER INFORMATION.
3. FLOOR PLAN DIMENSIONS ARE TO FACE OF FINISH UNLESS SPECIFICALLY NOTED OTHERWISE.
4. FOR INTERIOR ELEVATION TAGS, SEE FINISH & SIGNAGE FLOOR PLAN ON SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131.
5. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
6. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO GRAB BARS, FIXTURES, AND ACCESSORIES.
7. REFER TO SHEET A2-131, A4-131, A5-131, A6-131 AND A7-131 ROOM FINISH SCHEDULES FOR EXISTING AND PROPOSED FINISHES.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE.
02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.AG	EXISTING MARKERBOARD TO REMAIN. PROTECT IN PLACE.
02 4013.AN	EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINET TO BE REMOVED. PROTECT AND SALVAGE TO OWNER.
02 4013.AO	EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
02 4013.AT	EXISTING FLOORING AND WALL BASE TO REMAIN
02 4013.BA	EXISTING WINDOW TO REMAIN AND BE RESCREENED WHERE APPLICABLE. PROTECT IN PLACE. TYP.
02 4013.H	EXISTING PAPER TOWEL DISPENSER TO BE REMOVED. TYP.
02 4013.I	EXISTING BARRIER RAIL TO REMAIN. PROTECT IN PLACE.
02 4013.J	EXISTING DRINKING FOUNTAIN AND BOTTLE FILLER TO REMAIN. PROTECT IN PLACE.
02 4113.F	EXISTING CHAINLINK FENCE ENCLOSURE TO BE REMOVED. PATCH BACK CONCRETE FLATWORK AT REMOVED FENCE POSTS.
02 4116.AB	EXISTING SHELF RACKS TO BE REMOVED.
02 4116.AF	EXISTING PROJECTOR SCREEN TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AH	EXISTING SINK AND SINK CABINET TO BE REMOVED. PROTECT ALL OTHER CABINETS AND PLUMBING IN PLACE, SEE PLUMBING PLANS. TYP.
02 4116.AJ	EXISTING MARKERBOARD TO BE REMOVED.
02 4116.AL	EXISTING FLOORING AND WALL BASE TO BE REMOVED. PROTECT IN PLACE EXISTING CONCRETE SLAB UNDERNEATH AND WALL BEHIND, ETC. TYP.
02 4116.AN	EXISTING COUNTERTOP AND BACKSPLASH TO BE REMOVED. TYP.
02 4116.AO	EXISTING TACKBOARD TO BE REMOVED. TYP.
02 4116.AQ	EXISTING WALL-MOUNTED TV AND BRACKET TO BE REMOVED.
02 4116.AR	EXISTING PAPER ROLLS TO BE REMOVED BY CONTRACTOR.
02 4116.AY	EXISTING BAG HOOKS TO BE REMOVED. TYP.
02 4116.BB	REMOVE EXISTING DOOR LEVERSET AND THRESHOLD, PREP FOR NEW HARDWARE.
02 4116.BJ	EXISTING MECHANICAL EQUIPMENT TO BE REMOVED. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
02 4116.BX	EXISTING RANGE TO BE REMOVED.
02 4116.BY	EXISTING REFRIGERATOR TO BE REMOVED.
02 4116.C	EXISTING DOOR & FRAME TO BE REMOVED.
02 4116.CE	LOCALIZED REMOVAL OF INTERIOR GWB FOR TEACHING WALL INSTALLATION.
02 4116.CJ	EXISTING TOILET PAPER DISPENSER TO BE REMOVED.
02 4116.CK	EXISTING TOILET TO BE REMOVED.
02 4116.CL	EXISTING SEAT COVER DISPENSER TO BE REMOVED.
02 4116.CM	EXISTING SINK TO BE REMOVED.
02 4116.K	EXISTING SOAP DISPENSER TO BE REMOVED. TYP.
02 4116.L	EXISTING PAPER TOWEL DISPENSER TO BE REMOVED.
02 4116.M	EXISTING MIRROR TO BE REMOVED.
02 4116.W	EXISTING WALL-MOUNTED DOWNSPOUT TO BE REMOVED AND REPLACED. TYP.
02 4116.Y	EXISTING CASEWORK TO BE REMOVED.
05 5000.E	STAINLESS STEEL BARRIER RAIL.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
09 2116.E	PATCH AND REPAIR DRYWALL WHERE DAMAGED FROM DEMOLITION AND CUT-INS FOR NEW WORK, TYP.
09 9000.E	REFINISH ALL EXPOSED FINISHED SURFACES OF EXISTING CABINETS, REFER TO SPECS. TYP.
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1101.E	4' x 6' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 2601.A	CORNER GUARD
11 5223.A	WALL-MOUNTED BRACKET FOR TV WITH SOLID BLOCKING SUPPORT. CUT INTO DRYWALL AS NEEDED TO INSTALL REQUIRED BLOCKING. PATCH AND REFINISH WALL.
12 3550.A	WALL-MOUNTED BAG HOOKS. TYP.
12 3600.B	PLASTIC LAMINATE COUNTERTOP
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.Q	SINK. REFER TO PLUMBING.
22 0000.V	CONDENSATE PIPE LOCATION, CUT IN DRYWALL TO RUN PIPE TO SINK. REFER TO PLUMBING.
27 0000.C	CLOCK SPEAKER, REFER TO ELECTRICAL. TYP.

(E) DOOR HARDWARE NOTES

1. REMOVE EXISTING LOCKSET. PREPARE DOOR AND PROVIDE NEW LOCKSET: SCHLAGE ND W/ 626 FINISH (OR EQUAL) AND 2X CORES: SCHLAGE 20-740 PRIMUS CORE (OR EQUAL). MATCH (E) DOOR LOCKSET FUNCTION
2. ADJUST EXISTING DOOR CLOSER TO COMPLY WITH CBC 11B-404.2.8 FOR CLOSING SPEED AND CBC 11B-404.2.9 FOR OPENING FORCE. PROVIDE NEW ALUMINUM SADDLE THRESHOLD AT EXISTING DOOR. MODEL ZERO 546 OR APPROVED EQUAL. INSTALL A BEAD OF BUTYL CAULK BEHIND FLANGE BEFORE INSTALL, TYP.
3. REMOVE AND REPLACE (E) DOOR PANEL. PROVIDE FLUSH HM DOOR PANEL PER SPECS TO FIT EXISTING FRAME. PROVIDE THE FOLLOWING HARDWARE IN ADDITION TO NOTES 1 AND 2 ABOVE:

3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188SBK PSA	BK	ZER
1	EA	FLOOR STOP	FS436/FS428 AS REQ'D	626	IVE

4. EXISTING DOOR REINSTALLED IN EXISTING FRAME WITH DOOR SWING FLIPPED AS SHOWN. PROVIDE NEW LOCKSET PER #1 ABOVE. REPLACE HINGES AS NECESSARY. MODIFY DOOR FRAME AS NEEDED FOR FLIPPED DOOR SWING
5. PROVIDE METAL LOUVER IN (E) DOOR PANEL.
6. REPLACE EXISTING DOOR CLOSER WITH CUSHION STOP CLOSER

LEGEND

- DEMO - INTERIOR - CARPET AND BASE
- DEMO - INTERIOR - LINOLEUM TILE AND BASE
- DEMO - INTERIOR - TILE AND BASE
- DEMO - AREA OF CASEWORK AND SINK REMOVED
- DEMO EXISTING PARTITION OR WALL FINISH
- PROTECT IN PLACE EXISTING
- EXISTING CONCRETE FLOOR TO REMAIN
- N.I.S. NOT IN SCOPE
- APPROXIMATE EXTENT OF EXISTING CONCRETE REMOVAL TO COMPLETE MEP SCOPE. SAWCUT AND REMOVE EXISTING SLAB AS NEEDED FOR SEWER AND ELECTRICAL SCOPE. PATCH BACK EXISTING CONCRETE AND SLAB. REFER TO MEP DRAWINGS FOR FULL SCOPE. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK. REF. TO: 23 / A-922
- FE — EXISTING FIRE EXTINGUISHER TO REMAIN. SEE INTERIOR ELEVATIONS.
- FE — FIRE EXTINGUISHER MOUNTED TO WALL. SEE INTERIOR ELEVATIONS. REF. TO: 24 / A-942
- FEC — EXISTING FIRE EXTINGUISHER WITH CABINET TO REMAIN. SEE INTERIOR ELEVATIONS.
- DS — DOWNSPOUT. REF. TO: 13 / A-922

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BLDG. 700 - FLOOR PLANS - DEMOLITION & PROPOSED

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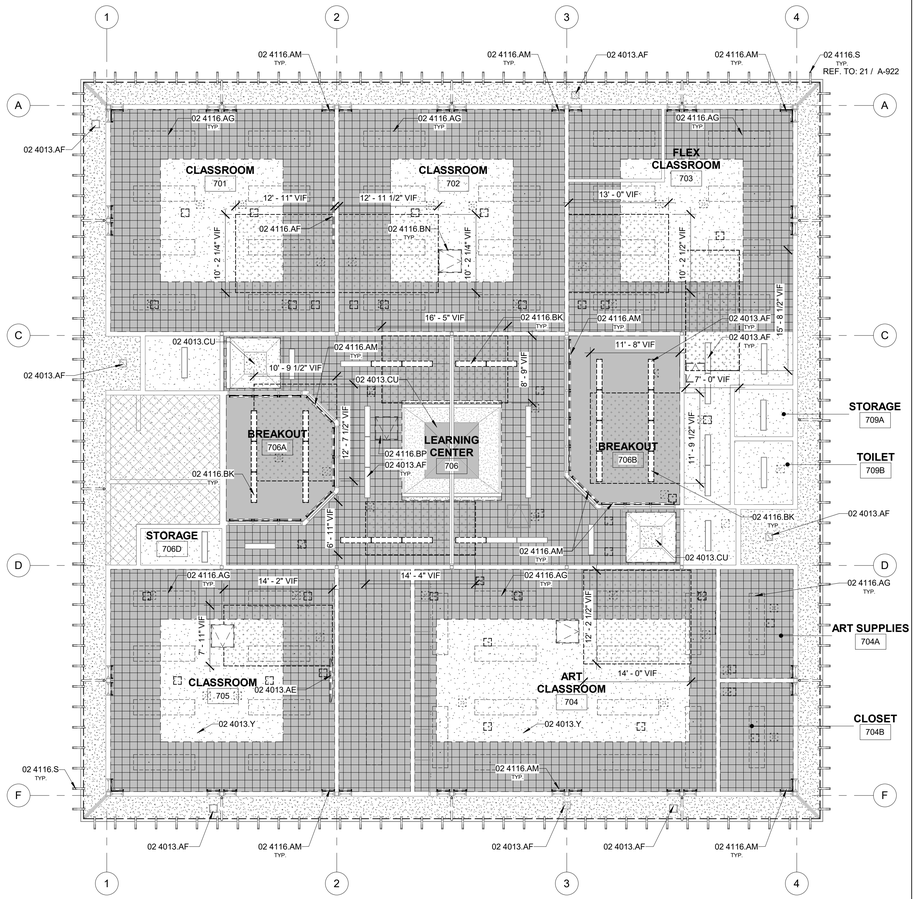
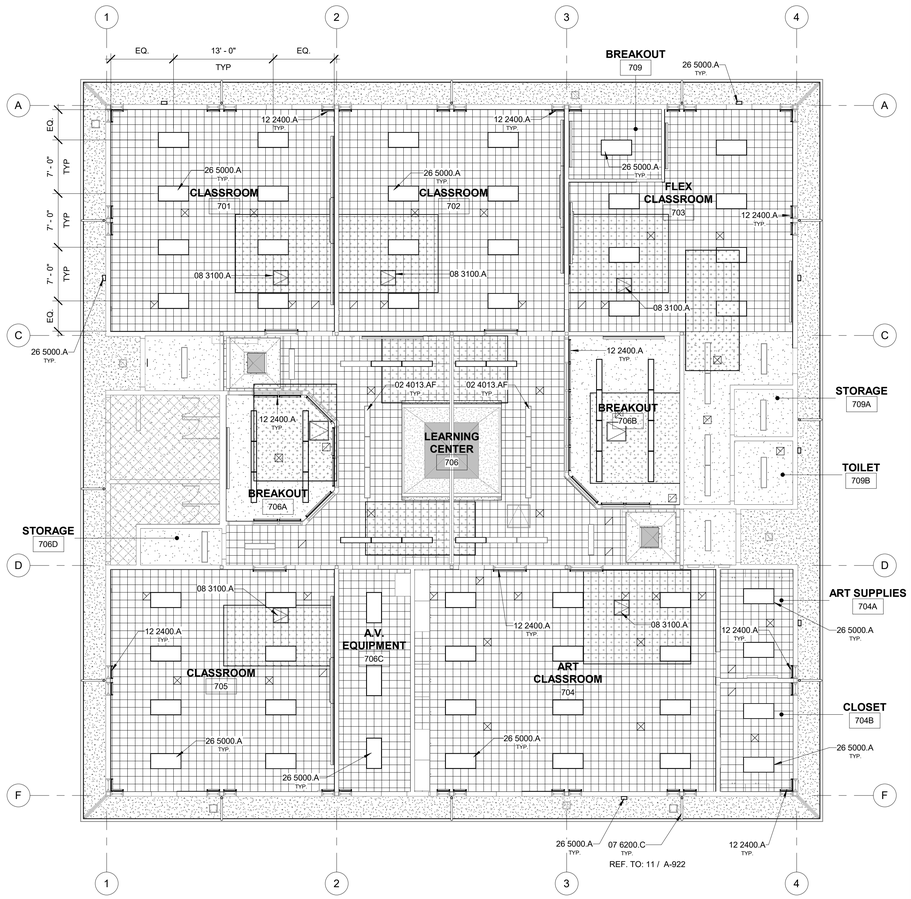


1 BUILDING 700 - REFLECTED CEILING PLAN - DEMOLITION

A7-111 SCALE: 1/8" = 1'-0"



2 BUILDING 700 - REFLECTED CEILING PLAN - PROPOSED

A7-111 SCALE: 1/8" = 1'-0"

RCP GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
3. HEIGHT OF CEILINGS SHALL BE MEASURED FROM TOP OF SLAB TO FINISH FACE OF GWB OR FACE OF CEILING GRID
4. BORDERS AT LAY-IN ACOUSTICAL CEILING PANELS SHALL BE CUT TO MATCH FACTORY EDGE PROFILE. NO EXPOSED FASTENERS SHALL BE PERMITTED INCLUDING POP RIVETS AND TAPPETS.
5. FINAL LOCATION OF CEILING ACCESS PANELS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC.
6. AT MODIFIED SUSPENDED CEILINGS, COMPRESSION STRUTS FOR SUSPENDED CEILINGS ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. COMPRESSION STRUT LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
7. ALL LIGHT FIXTURES ARE TO BE INSTALLED ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
8. CEILING LIGHT FIXTURES ARE TO BE FIELD COORDINATED TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, PIPES, CONDUITS, DUCTS, ETC. CEILING LIGHT FIXTURE LOCATIONS ARE TO BE ESTABLISHED PRIOR TO INSTALLING OVERHEAD UTILITIES.
9. CONTRACTOR IS RESPONSIBLE FOR ANY COSTS ARISING FROM REROUTING OVERHEAD UTILITIES, PIPES, DUCTS, CONDUITS, ETC. WHEN IN CONFLICT WITH SUSPENDED CEILING COMPRESSION STRUTS AND CEILING LIGHT FIXTURES.
10. APPROXIMATE CEILING DEMOLITION EXTENTS SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL EXTENTS OF CEILING DEMOLITION NEEDED IN ORDER TO INSTALL THE PROPOSED SCOPE IN THE ATTIC OR CEILING SPACE.

KEYNOTES

02 4013.AE	EXISTING WALL-MOUNTED TV TO BE REMOVED, PROTECTED, STORED, AND REINSTALLED. TYP.
02 4013.AF	EXISTING LIGHT FIXTURE TO REMAIN. PROTECT IN PLACE. TYP.
02 4013.CU	EXISTING SKYLIGHT TO REMAIN. PROTECT IN PLACE.
02 4013.Y	EXISTING CEILING TO REMAIN. PROTECT IN PLACE.
02 4116.AF	EXISTING PROJECTOR SCREEN TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AG	EXISTING LIGHT FIXTURE TO BE REMOVED. PATCH AND REPAIR HOLES AS REQUIRED. TYP.
02 4116.AM	EXISTING WINDOW BLINDS TO BE REMOVED. TYP.
02 4116.BK	EXISTING LIGHT FIXTURE TO BE REMOVED, PROTECTED, AND REINSTALLED. SEE MECHANICAL WORK EXTENTS.
02 4116.BN	EXISTING CEILING ACCESS HATCH TO BE REMOVED AND REPLACED.
02 4116.BP	EXISTING CEILING ACCESS PANEL TO BE REMOVED.
02 4116.S	EXISTING RAFTER TAIL TO BE REMOVED, CUT BACK FLUSH WITH EXISTING BLOCKING, TYP. INSTALL FASCIA BOARD TO MATCH EXISTING, SEE DETAIL. TYP.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
08 3100.A	CEILING ACCESS PANEL. TYP.
12 2400.A	ROLLER WINDOW SHADES. TYP.
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.

DEMO RCP LEGEND

- (E) ACOUSTIC CEILING SYSTEM TO REMAIN, REMOVE AND SET (E) ACT TILES ASIDE AS NEEDED FOR MECHANICAL/ELECTRICAL WORK ABOVE CEILING, IF WORK ABOVE CEILING REQUIRES MODIFYING GRID, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2.
- DEMO - INTERIOR - DIRECT APPLIED ACOUSTICAL TILE, (E) GYPSUM BOARD SUBSTRATE, (E) FRAMING AND STRAPPING TO REMAIN, PROTECT IN PLACE
- APPROXIMATE EXTENT OF GWB CEILING REMOVAL TO COMPLETE MEP SCOPE IN ATTIC, PROTECT IN PLACE (E) FRAMING, REFER TO MEP DRAWINGS. CONTRACTOR TO COORDINATE FULL EXTENT OF DEMOLITION WITH PROPOSED WORK.
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- INTERIOR - (E) GWB CEILING, PROTECT IN PLACE, PATCH AS NEEDED TO PERFORM WORK IN ATTIC OR CEILING SPACES
- AREA NOT IN SCOPE
- LIGHT FIXTURE TO BE REMOVED & REPLACED, REFER TO ELECTRICAL PLANS
- SUPPLY / RETURN / EXHAUST REMOVED & REPLACED, REFER TO MECHANICAL PLANS
- CEILING ACCESS PANEL

PROPOSED RCP LEGEND

- XX'-X" — CEILING HEIGHT (SEE PLAN FOR ACTUAL HEIGHTS)
- ACT-1 — INTERIOR (E) TO REMAIN - 2X4 SUSPENDED ACOUSTIC CEILING SYSTEM, REINSTALL (E) CEILING TILES IN (E) GRID, REPLACE DAMAGED TILES AS NEEDED. IF GRID IS MODIFIED FOR ABOVE CEILING WORK, THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET CURRENT CBC AND DSA IR 25-2, SEE A-951 AND A-952
- ACT-2 — INTERIOR - 12X12 ACOUSTIC CEILING TILE, DIRECT APPLIED W/ ADHESIVE MEETING ASTM D1779. INSTALL OVER GYP. BOARD CEILING INSTALLED IN ACCORDANCE W/ GA-216, LEVEL 2 FINISH. REF. TO: 21/A-942
- PATCHED GYPSUM BOARD CEILING APPLIED TO (E) FRAMING & STRAPPING
- EXTERIOR - (E) CEMENT PLASTER SOFFIT, PROTECT IN PLACE
- APPROXIMATE EXTENT OF DRYWALL CEILING PATCHING TO COMPLETE PROPOSED WORK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK.
- AREA NOT IN SCOPE
- CEILING ACCESS PANEL
- MECHANICAL EQUIPMENT, REFER TO MECHANICAL PLANS SUPPLY / RETURN / EXHAUST, REFER TO MECHANICAL PLANS
- LIGHT FIXTURE, REFER TO ELECTRICAL PLANS

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BLDG. 700 - REFLECTED CEILING PLAN - DEMOLITION & PROPOSED

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CHECKED BY: JH/PC/AW
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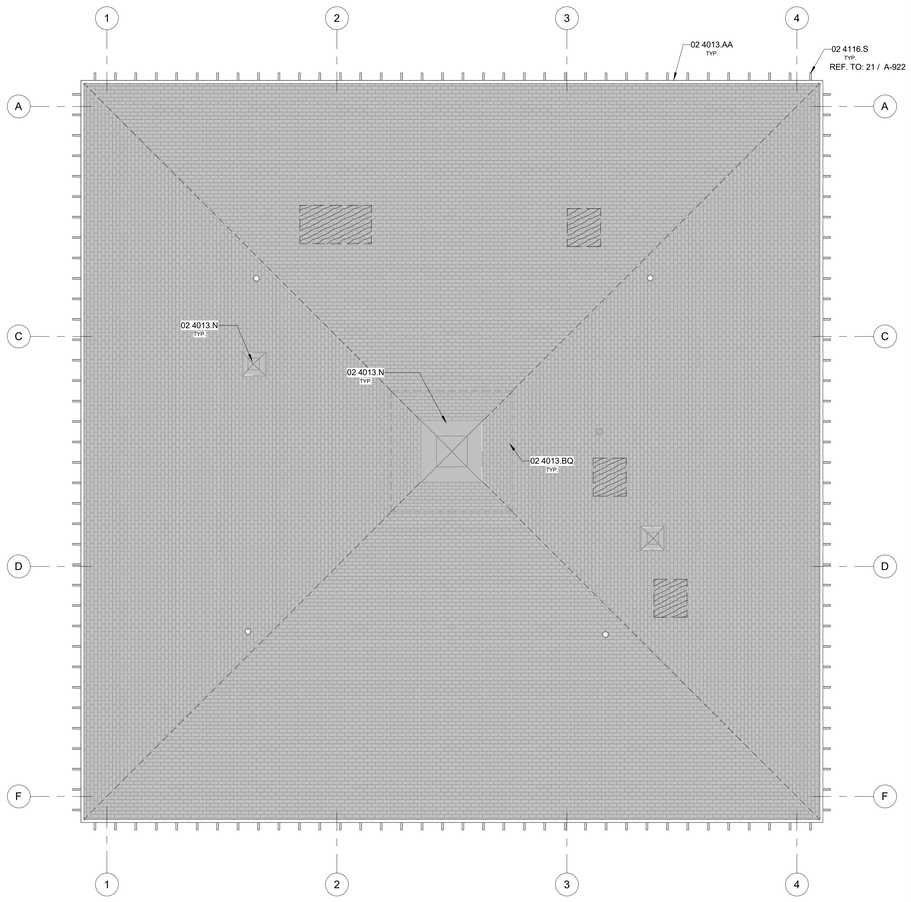
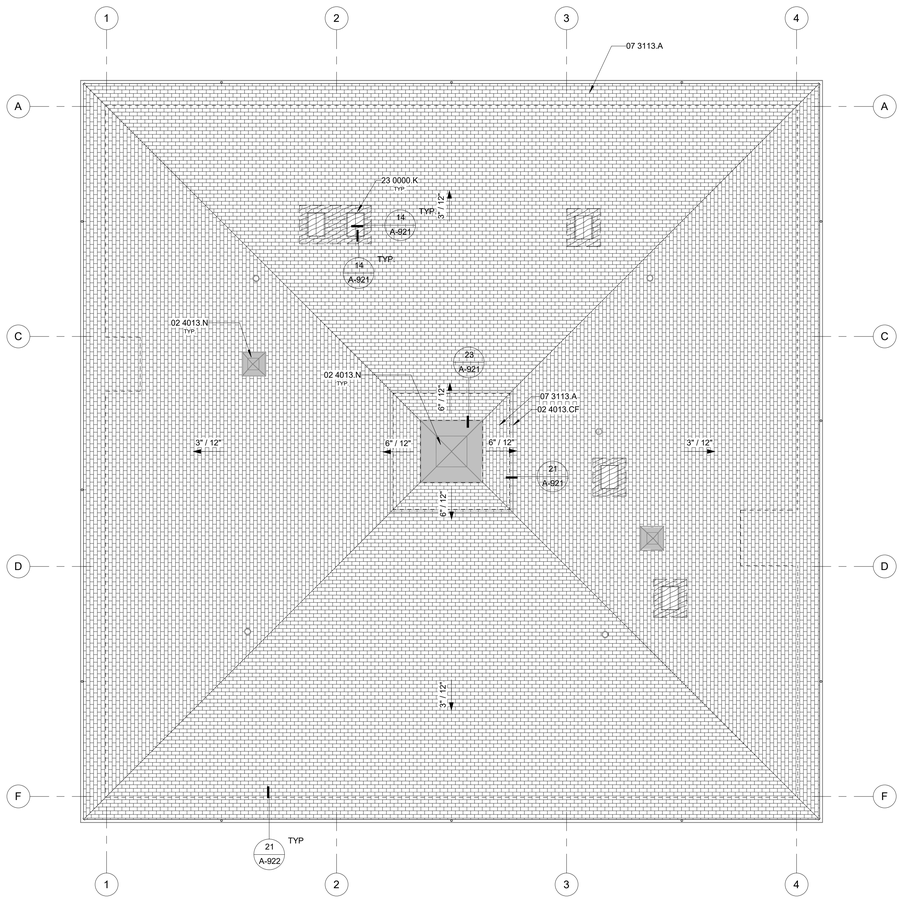


1 BUILDING 700 - ROOF PLAN - DEMOLITION

A7-121 SCALE: 1/8" = 1'-0"



2 BUILDING 700 - ROOF PLAN - PROPOSED

A7-121 SCALE: 1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM AND FIRE PROTECTION PLANS FOR FURTHER INFORMATION.
2. REFER TO GRADING & DRAINAGE PLAN FOR DOWNSPOUT CONNECTIONS TO STORM DRAIN SYSTEM.
3. ALL ROOFING ASSEMBLIES ARE TO BE CLASS-A RATED. REFER TO SPECIFICATIONS FOR MORE INFORMATION. WHERE PROVIDED, VENTILATION OPENINGS SHALL BE IN ACCORDANCE WITH (***2022 CBC SECTION 1202***).
4. CONTRACTOR TO VERIFY IN FIELD IF REPAIRS ARE NEEDED ON THE ROOF CUPOLAS.
5. PROVIDE ALLOWANCE FOR DAMAGED ROOF SHEATHING TO BE REPLACED AFTER ROOF IS REMOVED. ASSUME 5% OF ROOF SHEATHING WILL BE DAMAGED.

KEYNOTES

02 4013.AA	EXISTING GUTTER TO REMAIN. VERIFY GUTTER ATTACHMENTS AND SEAMS IN FIELD AND REPAIR WHERE REQUIRED. PROTECT IN PLACE. TYP.
02 4013.BQ	EXISTING LOUVERS IN WALL TO REMAIN. PROTECT IN PLACE.
02 4013.CF	EXISTING FASCIA TO REMAIN. PROTECT IN PLACE
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
02 4116.S	EXISTING RAFTER TAIL TO BE REMOVED, CUT BACK FLUSH WITH EXISTING BLOCKING, TYP. INSTALL FASCIA BOARD TO MATCH EXISTING, SEE DETAIL. TYP.
07 3113.A	ASPHALT SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. TYP.
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.

DEMO ROOF PLAN LEGEND

1" / 12"	ROOF SLOPE. EXISTING, V.I.F.
DS	ALL EXTERIOR DOWNSPOUTS TO BE REMOVED AND REPLACED. INTERIOR DOWNSPOUTS TO REMAIN AND TO BE ABANDONED. CONTRACTOR TO VERIFY IN FIELD. REFERENCE RCPS FOR LOCATIONS.
	EXISTING COMPOSITE SHINGLE ROOF AND UNDERLAYMENT TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE, UON
	EXISTING SINGLE PLY ROOF TO BE REMOVED TO SHEATHING. PROTECT ROOF SHEATHING IN PLACE.
	AREA NOT IN SCOPE
	EXISTING GUTTER TO REMAIN. PROTECT IN PLACE.
	ROOF DRAINS, APPROXIMATE LOCATION. REFER TO PLUMBING PLANS.
	MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
	APPROXIMATE EXTENT OF PLYWOOD SHEATHING REMOVAL. REMOVE PLYWOOD SHEATHING ONLY AS REQUIRED TO INSTALL STRUCTURAL FRAMING OR MECHANICAL EQUIPMENT WHERE OCCURS. CONTRACTOR TO COORDINATE FULL EXTENT OF REMOVAL NEEDED WITH PROPOSED WORK. REFERENCE STRUCTURAL AND MECHANICAL.

ROOF PLAN LEGEND

1" / 12"	(E) ROOF SLOPE, VIF
DS	DOWNSPOUT. REFERENCE RCPS FOR LOCATIONS. FOR DOWNSPOUT, SEE DETAIL
	COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
	SINGLE PLY ROOFING, 80-MIL PVC (FIRE RESISTANCE: CLASS A) (ICC-ES EVALUATION REPORT: ESR-1157) SEE EXTERIOR DETAILS (E) CRICKET TO REMAIN, VERIFY SLOPE IN FIELD. PROPOSED TAPERED RIGID INSUL. CRICKETS AT EQUIPMENT NOTED ON PLAN
	EXISTING COPPER GUTTERS TO REMAIN AND PROTECT IN PLACE. EXISTING ALUMINUM GUTTERS TO BE DEMOLISHED AND REPLACED. PROVIDE EDGE METAL. CONTRACTOR TO VERIFY IN FIELD.
	MECHANICAL EQUIPMENT, APPROXIMATE LOCATION. REFER TO MECHANICAL PLANS
	WALL BELOW
	ROOF WALKWAY PADS. SEE SPEC
	APPROXIMATE EXTENTS OF PLYWOOD SHEATHING PATCH BACK. CONTRACTOR TO COORDINATE FULL EXTENT WITH PROPOSED WORK. REFERENCE STRUCTURAL & MECHANICAL

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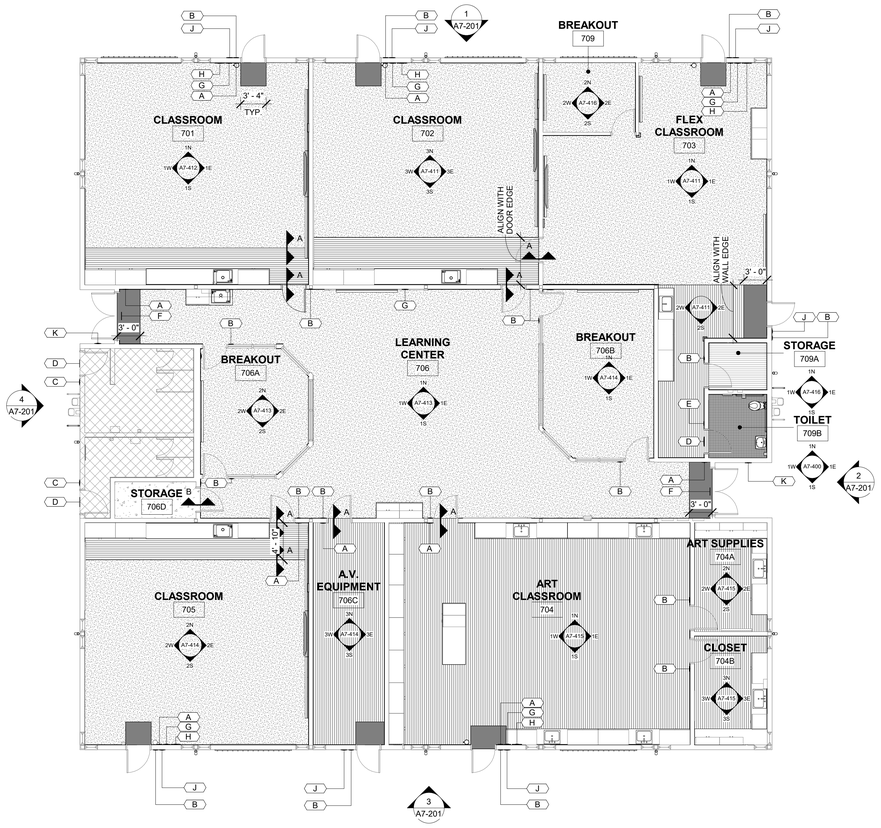

1 BUILDING 700 - FINISH & SIGNAGE PLAN

A7-131 SCALE: 1/8" = 1'-0"

MATERIALS SCHEDULE

MARK	MATERIAL	MANUFACTURER	PATTERN/TEXTURE	COLOR	COMMENTS
FLOORS					
CPT-1	SHEET CARPET	TARKETT	AFTERMATH II 03026	TAPESTRY 23512	POWERBOND (NOT TILE)
CPT-2	WALK-OFF MAT	TARKETT	ABRASIVE ACTION II	CHARCOAL 19100	POWERBOND (NOT TILE)
LVT	LUXURY VINYL TILE	TARKETT	EVEN PLANE	MINIMAL WOOD, GREY 8713	PLANK
LIN	LINOLEUM	FORBO	MARMOLEUM, REAL	EIGER 2629	WELDED SEAMS
CONC	SEALED CONCRETE		CLEAR SEAL		
RUB	RUBBER STAIR TREAD/RISER	JOHNSONITE	ANGLE FIT	BLACK	WITH RISER, CONTRAST STRIPING
TL-1	FLOOR TILE	DALTILE	2X2 MOSAIC	DESERT GREY SPECKLE, D200	TCNA F112-21 WITH MEMBRANE
WALLS					
B-1	RUBBER WALL BASE	JOHNSONITE	4" HIGH RUBBER BASE	BLACK	COILED ROLL
B-2	TILE WALL BASE	DALTILE	5X12 COVE BASE	DESERT GREY SPECKLE, D200	
B-3	LINOLUM WALL BASE	FORBO	MARMOLEUM, REAL	EIGER 2629	CONTINUOUS WITH FLOORING
VTB	VINYL COVERED TACKBOARD	KORCSEAL	INSIGHT	SHIMMER 8322-91	PERFORATED AT MUSIC CLASSROOM
FRP	FIBER REINFORCED PANELS	MARALITE	EMBOSSED/PEBBLED	WHITE	CLASS A
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
WCG	WALL CORNER GUARD			STAINLESS STEEL	SURFACE MOUNT
CASEWORK					
PL-1	PLASTIC LAMINATE COUNTERTOP	WILSONART	MAGNOLIA	LENO WEAVE 5012K-19	
PL-2	PLASTIC LAMINATE CABINET	WILSONART	KHAKI BROWN	MATTE FINISH D50-60	
CEILING					
ACT-1	ACOUSTIC CEILING TILE-2X4	ARMSTRONG	2X4, SCHOOL ZONE FINE FISSURED	WHITE	MATCH EXISTING
ACT-2	ACOUSTIC CEILING TILE - 12X12	ARMSTRONG	FINE FISSURED TILE, #746	WHITE	DIRECT APPLIED (NO SUSPENSION SYSTEM)
PT-1	PAINTED GWB	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	LEVEL 5, SMOOTH. MATCH ADJACENT FINISH AT PATCHED GWB
MISCELLANEOUS					
PT-1	INTERIOR DOOR FRAMES	SHERWIN WILLIAMS	SEMI-GLOSS	SLP PEARL, SW00012	MATCH EXISTING
PT-2	INTERIOR DOORS	SHERWIN WILLIAMS	SEMI-GLOSS	GRAND CANAL, SW6488	MATCH EXISTING
	ROLLER SHADES - FABRIC	MECHO SHADE	THERMOVEIL, 1700...	1716 EGGSHELL	1% OPEN
	ROLLER SHADES - FASCIA	MECHO SHADE		WHITE	

ROOM FINISH SCHEDULE

	NAME	FLOOR	WALL BASE	WALL SUBSTRATE	WALL FINISH	CEILINGS MATERIAL	CEILINGS FINISH	NOTES
701	CLASSROOM	CPT / LVT	RB	EXIST	PT / VTB	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
702	CLASSROOM	CPT / LVT	RB	EXIST	PT / VTB	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
703	FLEX CLASSROOM	CPT	RB	EXIST	PT	EXIST	ACT-2 / PT	SEE INTERIOR ELEVATIONS
704	ART CLASSROOM	LVT	RB	EXIST	PT / VTB	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
704A	ART SUPPLIES	LVT	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
704B	CLOSET	LVT	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
705	CLASSROOM	CPT / LVT	RB	EXIST	PT / VTB	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
706	LEARNING CENTER	CPT	RB	EXIST	PT	EXIST	ACT-2 / PT	SEE INTERIOR ELEVATIONS
706A	BREAKOUT	CPT	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
706B	BREAKOUT	CPT	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
706C	A.V. EQUIPMENT	LVT	RB	EXIST	PT	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
706D	STORAGE	CONC	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
709	BREAKOUT	CPT	RB	EXIST	PT	EXIST	ACT-2	SEE INTERIOR ELEVATIONS
709A	STORAGE	LVT	RB	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS
709B	TOILET	TL	TL	EXIST	PT	EXIST	PT	SEE INTERIOR ELEVATIONS

NOTE: *REFER TO RCP FOR EXTENTS OF GWB CEILING PATCHING
*WELLS AT SKYLIGHTS AND SMOKE VENTS TO BE PAINTED
*MISC INTERIOR WOOD TRIM TO BE PAINTED TO MATCH SURROUNDING WALLS

ABBREVIATIONS

EXIST EXISTING TO REMAIN

BASE
LIN LINOLEUM
RB RUBBER BASE
TL TILE COVE BASE

CEILING
ACT ACOUSTIC CEILING TILE
GWB GYPSUM BOARD, PAINT FINISH.
OPEN OPEN TO ABOVE

FINISH
FRP FIBER REINFORCED PANEL
PRE MANUFACTURER FINISHED
PT PAINT
VTB VINYL COVERED TACKBOARD

FLOORS
CONC EXPOSED CONCRETE, CLEAR SEAL FINISH.
CPT CARPET TILES, TRANSITION STRIPS AT EXPOSED EDGES.
LIN LINOLEUM
LVT LUXURY VINYL TILE
TL FLOOR TILE

SUBSTRATE
CB CEMENT BOARD
GWB GYPSUM BOARD

FINISH PLAN GENERAL NOTES

1. PROVIDE SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
2. REFER TO FLOORING MFR'S REQUIREMENTS FOR CONCRETE SLAB TESTING AND PREPARATION, AND PROVIDE MITIGATING MEASURES WHERE REQUIRED PER MFR.
3. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS.
4. ALL FLOOR FINISH MATERIAL CHANGES SHALL HAVE TRANSITION STRIPS. REFER TO DETAIL 32/A-701.
5. ALL FLOORING MATERIALS SHALL COMPLY WITH ***2022 CBC SEC. 804.1.***
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL WALL FINISH INFORMATION.
8. REMOVE AND DEMO EXISTING SIGNS. PATCH AND PAINT AREAS AS NEEDED.
9. ALL DOORS AND DOOR FRAMES TO BE PAINTED. SEE MATERIALS SCHEDULE.
10. CONTINUE FLOORING TO WALL AT OPEN CASEWORK SINK APRONS AND COUNTERTOP WITHOUT BASE CABINETS. NO EXPOSED UNFINISHED SLAB.

FINISH REQUIREMENTS (MIN.)

PER ***2022 CBC 803.13*** INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN THAT SPECIFIED IN TABLE 803.13 FOR THE GROUP AND LOCATION DESIGNATED. REFER TO ***2022 CBC SEC. 803*** FOR ADDITIONAL INFORMATION.

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY
(CBC 2022 TABLE 803.13)

DEGREE OF FIRE PROTECTION: SPRINKLERED

GROUP	INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	ROOMS AND ENCLOSED SPACES
A-1 & A-2	B	B	C
A-3,A-4,A-5	B	B	C
B,E,M,R-1	B	C	C
R-2	C	C	C
R-2.1	B	C	C
R-2.2	C	C	C
R-3, R-3.1	C	C	C
S	C	C	C

CLASSIFICATIONS
CLASS A:
- FLAME SPREAD INDEX = 0-25
- SMOKE DEVELOPED INDEX = 0-450

CLASS B:
- FLAME SPREAD INDEX = 26-75
- SMOKE DEVELOPED INDEX = 0-450

CLASS C:
- FLAME SPREAD INDEX = 76-200
- SMOKE DEVELOPED INDEX = 0-450

NOTE: SPECIFIED MATERIALS MAY INTENTIONALLY EXCEED MINIMUM REQUIREMENTS.

SIGNAGE NOTES

(A) TACTILE EXIT SIGN READING "EXIT". WHERE MOUNTED ON GLASS, SIZE EXIT SIGN TO MATCH EXTERIOR GLASS MOUNTED ROOM IDENTIFICATION SIGNAGE. ALIGN EXIT SIGN WITH ROOM SIGNAGE WHEN MOUNTING. ***REFER TO CODE PLAN FOR EXITING.*** REF. TO: 12 / A-904

(B) ROOM IDENTIFICATION SIGN. WHERE SIGN IS ONE-SIDED AND MOUNTED ON GLASS, INSTALL OPAQUE VINYL TO MATCH COLOR AND SIZE OF PLAQUE BEHIND THE SIGN. ***PROVIDE ROOM ID AT ALL INTERIOR AND EXTERIOR DOORS.*** REF. TO: 22 / A-904

(C) ROOM IDENTIFICATION SIGN. PROVIDE DIRECTIONAL SIGNAGE TO NEAREST ACCESSIBLE RESTROOM. REF. TO: 15 / A-904

(D) GEOMETRIC SYMBOL MOUNTED ON DOOR. REF. TO: 14 / A-904

(E) ROOM IDENTIFICATION WITH PICTOGRAM AND INTERNATIONAL SYMBOL OF ACCESSIBILITY. REF. TO: 15 / A-904

(F) CEILING-MOUNTED ILLUMINATED EXIT SIGN. ***REFER TO CODE PLAN FOR EXITING.*** SEE ELECTRICAL.

(G) INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED, INCLUDE WORDING THAT STATES, "ASSISTIVE LISTENING SYSTEM AVAILABLE." ***SEE FINISH PLAN FOR SIGNAGE PLACEMENT.*** REF. TO: 23 / A-904

(H) OCCUPANT LOAD SIGN THAT STATES "MAXIMUM OCCUPANCY ____ PERSONS"
* " # AT BUILDING G MULTI-PURPOSE ROOM
PROVIDE OCCUPANT LOAD SIGN AT ROOMS WITH OCCUPANTS GREATER THEN 50. REFER TO CODE PLAN FOR OCCUPANT LOAD CALCULATIONS. REF. TO: 24 / A-904

(J) DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF NEAREST ENTRANCE WITH AN ACCESSIBLE DOOR.

(K) ENTRANCE SIGNAGE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

(L) RESTRICTION SIGNAGE THAT STATES "NO FREIGHT" WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY.

LEGEND (WHERE APPLICABLE)

CPT 1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

FLOORS

CONC-2 SEALED CONCRETE

CPT-1 CARPET

LVT LVT FLOORING
NOTE
LVT FLOORING TO EXTEND UNDER CABINETS WHERE OPEN BELOW

CPT-2 WALK-OFF MAT

LIN LINOLEUM

TL-1 TILE FLOORING

EPOXY COATING OVER CONCRETE FLATWORK

NOT IN SCOPE

(E) GYMNASIUM FLOOR, TO REMAIN, PROTECT IN PLACE

X FLOORING TRANSITION:
- "A": LVT TO CARPET
- "B": CARPET TO CONCRETE (POLISHED OR SEALED)
- "C": LVT TO CONCRETE (POLISHED OR SEALED)
- "D": LINOLEUM TO WOOD
- "E": LVT TO WOOD
- "F": CONCRETE (POLISHED OR SEALED) TO WOOD

WALLS

CORNER GUARDS

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DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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BLDG. 700 - FINISH & SIGNAGE
FLOOR PLAN & FINISH SCHEDULE

NO.	REVISION	DATE

PROJECT MANAGER JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET A7-131

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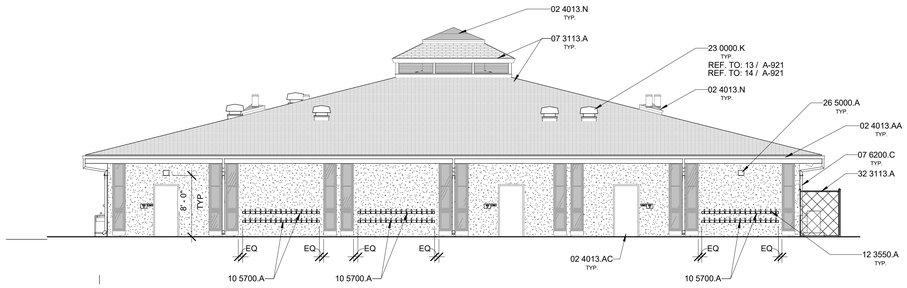
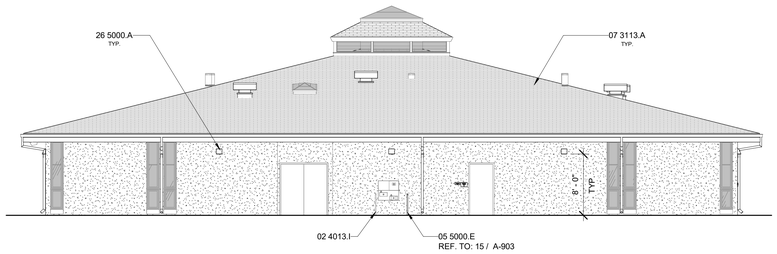


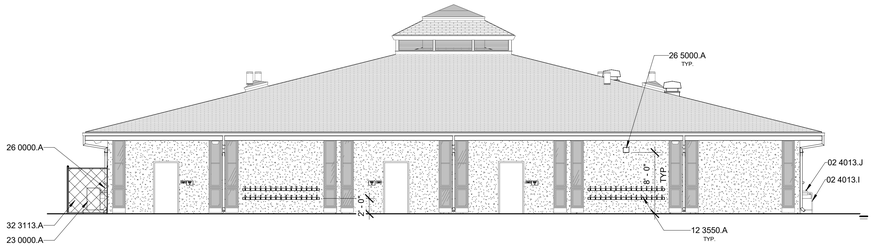
1 BUILDING 700 - NORTH ELEVATION

A7-101 | A7-201 SCALE: 1/8" = 1'-0"



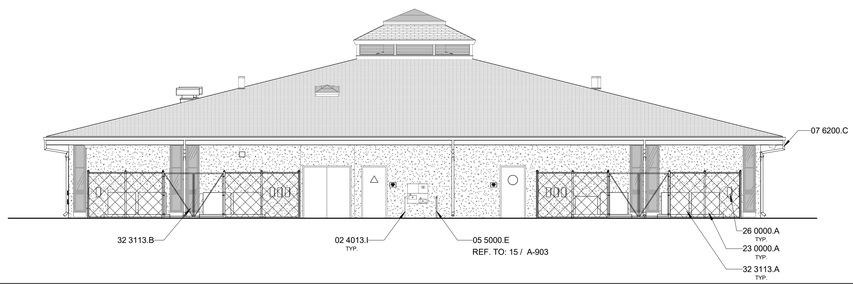
2 BUILDING 700 - EAST ELEVATION

A7-101 | A7-201 SCALE: 1/8" = 1'-0"



3 BUILDING 700 - SOUTH ELEVATION

A7-101 | A7-201 SCALE: 1/8" = 1'-0"



4 BUILDING 700 - WEST ELEVATION

A7-101 | A7-201 SCALE: 1/8" = 1'-0"

EXTERIOR MATERIALS SCHEDULE

Tag	Description	Application	Manufacturer	Pattern/Texture	Color	Other
PAINT						
XPT-1	EXTERIOR PAINT	(N) FASCIA	SHERWIN WILLIAMS		TBD	MATCH EXISTING
XPT-2	EXTERIOR PAINT	STEEL DOWNSPOUTS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOOR FRAMES	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	(E) DOORS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
	EXTERIOR PAINT	FASCIA BOARDS	SHERWIN WILLIAMS		TBD	MATCH EXISTING
MISC.						
	ROOF	ASPHALT SHINGLE	CERTAINTEED	LANDMARK SOLARIS	GEORGETOWN GRAY	
	GUTTERS AND SHEET METAL DOWNSPOUT LEADERS		MCELROY METALS	PREFINISHED KYNAR 500	MATCH EXISTING TO REMAIN COPPER GUTTERS	
	ROOFTOP MECH / PLUMBING EQUIPMENT		PREFINISHED OR PAINTED	PREFINISHED OR PAINTED	MATCH ROOFING	

ELEVATION GENERAL NOTES

1. REFER TO GENERAL NOTES SHEET G-002 FOR ADDITIONAL REQUIREMENTS.
2. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.
3. SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. REFER TO ROOF PLAN FOR ROOF PITCH AND OVERHANGS. FASCIA PER DETAILS.
5. SEE ROOF PLAN FOR EXISTING AND PROPOSED ROOF ELEMENTS, AND APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.
6. REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION.
7. SEE ELECTRICAL DRAWINGS FOR ALL EXISTING AND PROPOSED EXTERIOR LIGHTING
8. SEE MECHANICAL DRAWINGS FOR GRILLES AND LOUVERS. PAINT TO MATCH ADJACENT FINISH.
9. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK.
10. DO NOT REMOVE EXTERIOR FINISHES UNLESS AS NOTED. COORDINATE ALL BLOCKING, ELECTRICAL AND OTHER REQUIRED SCOPE TO BE INSTALLED FROM THE INTERIOR. SEE DEMOLITION NOTES ON FLOOR PLAN SHEETS.

KEYNOTES

02 4013.AA	EXISTING GUTTER TO REMAIN. VERIFY GUTTER ATTACHMENTS AND SEAMS IN FIELD AND REPAIR WHERE REQUIRED. PROTECT IN PLACE. TYP.
02 4013.AC	EXISTING DOOR AND DOOR FRAME TO BE PROTECTED IN PLACE AND PAINTED. SEE FINISH SCHEDULE. TYP.
02 4013.I	EXISTING BARRIER RAIL TO REMAIN. PROTECT IN PLACE.
02 4013.J	EXISTING DRINKING FOUNTAIN AND BOTTLE FILLER TO REMAIN. PROTECT IN PLACE.
02 4013.N	EXISTING SKYLIGHT TO REMAIN. REPLACE FLASHING AROUND EXISTING SKYLIGHTS. TYP.
05 5000.E	STAINLESS STEEL BARRIER RAIL.
07 3113.A	ASPHALT SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. TYP.
07 6200.C	WALL-MOUNTED DOWNSPOUT AND D.I.
10 5700.A	BAG HOOKS. 8" SPACING. PROVIDE TWO (2) 10' LENGTHS TO PROVIDE 30 HOOKS PER CLASSROOM
12 3550.A	WALL-MOUNTED BAG HOOKS. TYP.
23 0000.A	MECHANICAL EQUIPMENT. REFER TO MECHANICAL
23 0000.K	INTAKE / EXHAUST HOOD. REFER TO MECHANICAL DRAWINGS. FLASHING PROVIDED DURING INSTALLATION WITH REROOFING. SEE DETAILS.
26 0000.A	ELECTRICAL DISCONNECT. REFER TO ELECTRICAL.
26 5000.A	LIGHT FIXTURE. REFER TO ELECTRICAL. TYP.
32 3113.A	6' CHAIN LINK FENCE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.
32 3113.B	6' CHAIN LINK GATE. REMOVE FLATWORK AS NEEDED FOR FENCE POST FOOTING INSTALLATION AND PATCH BACK.

LEGEND

- (E) CEMENT PLASTER SYSTEM TO REMAIN
- (E) GLAZING TO REMAIN
- (E) TILE TO REMAIN
- COMPOSITE SHINGLE ROOF, UNDERLAYMENT, AND EDGE METAL. (FIRE RESISTANCE: CLASS A) CERTAINTEED LANDMARK SOLARIS GEORGETOWN GRAY (ICC-ES EVALUATION REPORT: ESR-1389) SEE EXTERIOR DETAILS
- STAINLESS STEEL SHEET BACKSPLASH REF. TO: 24 / A-922

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BLDG. 700 - EXTERIOR ELEVATIONS

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PROJECT MANAGER
JH
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PROJECT NUMBER
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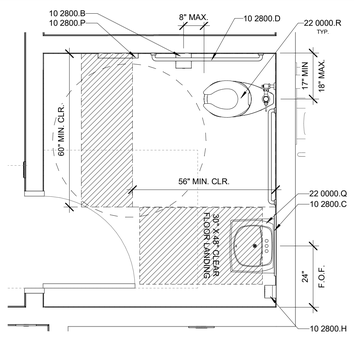
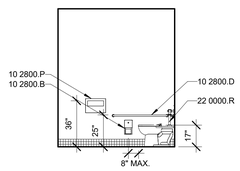


1 709B - RESTROOM

A7-101 | A7-400 SCALE: 1/2" = 1'-0"

PER CBC 11B-604.5.5 EXCEPTION 2:
WHERE FLUSH VALVES ARE LOCATED IN A POSITION THAT CONFLICTS WITH THE LOCATION OF THE REAR GRAB BAR, THEN THE REAR GRAB BAR SHALL BE PERMITTED TO BE SPLIT OR SHIFTED TO THE OPEN SIDE OF THE TOILET AREA.



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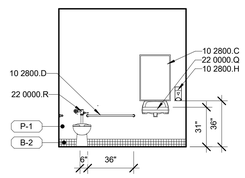

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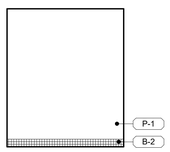

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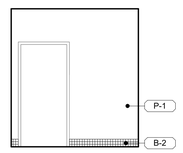

1W

1/4" = 1'-0" **709B - RESTROOM**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

10 2800.B	SURFACE MOUNTED TOILET PAPER DISPENSER
10 2800.C	MIRROR
10 2800.D	GRAB BAR
10 2800.H	SOAP DISPENSER
10 2800.P	SEAT COVER DISPENSER
22 0000.Q	SINK. REFER TO PLUMBING.
22 0000.R	TOILET. REFER TO PLUMBING.

T. FIXTURES & ACCESSORIES

WATER CLOSET: REFER TO DETAIL
FOR CLEARANCE REQUIREMENTS AND MOUNTING HEIGHTS.

URINAL: REFER TO DETAIL
FOR CLEARANCE REQUIREMENTS AND MOUNTING HEIGHTS.

GRAB BARS: REFER TO DETAILS
FOR CLEARANCE & MOUNTING REQUIREMENTS.

LAVATORY: REFER TO DETAIL
FOR CLEARANCE REQUIREMENTS AND MOUNTING HEIGHTS.

MIRROR: REFER TO DETAIL
FOR CLEARANCE & MOUNTING REQUIREMENTS.

DISPENSERS AND RECEPTACLES: REFER TO DETAIL
FOR CLEARANCE REQUIREMENTS AND MOUNTING HEIGHTS.

INTERIOR ELEVATIONS LEGEND

CPT-1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 | SS | (T) (E) TEMPERED GLASS PANE

VTB-1 | FRP | (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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LICENSED ARCHITECT
JONATHAN HOWES
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 700 - ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
A7-400

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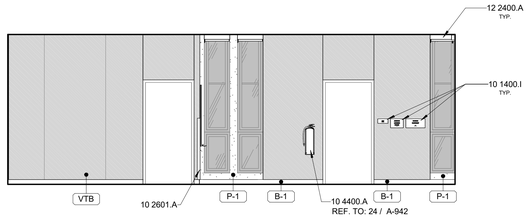

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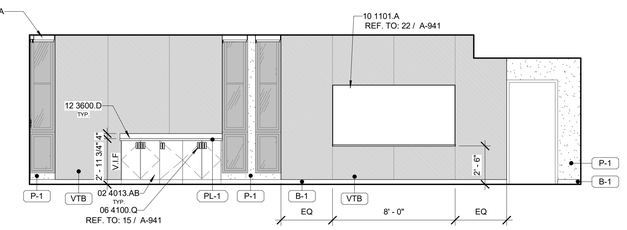

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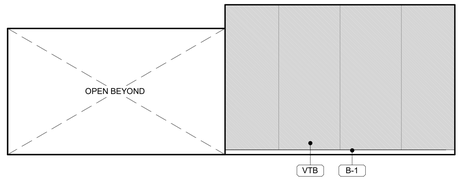

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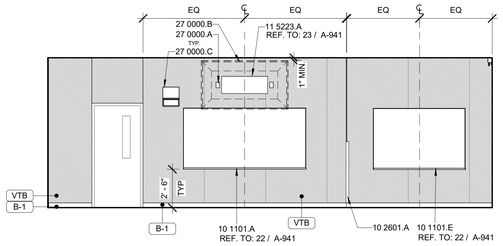
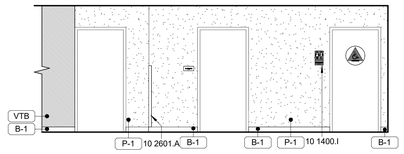


1W

1/4" = 1'-0" **703 - FLEX CLASSROOM**



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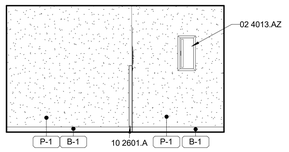

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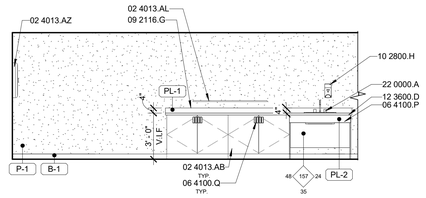

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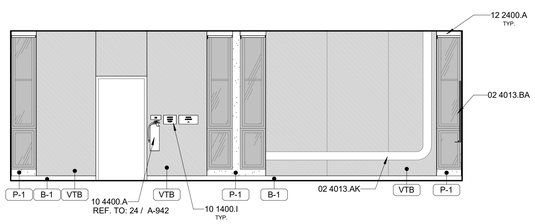
1/4" = 1'-0" **703A - WORK ROOM**

TYP. CLASSROOM INTERIOR ELEVATIONS



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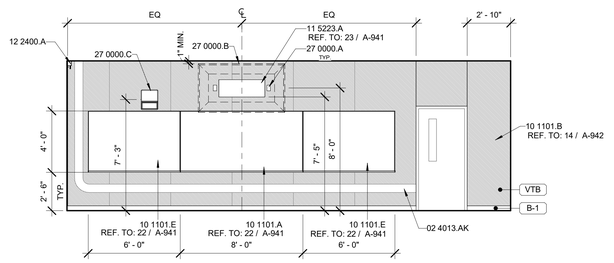

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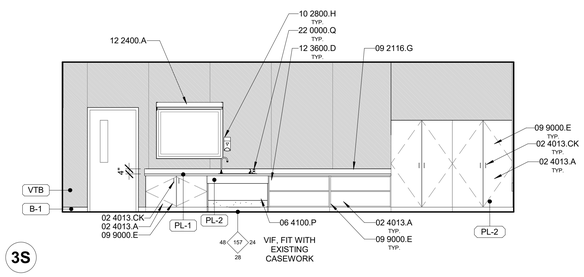

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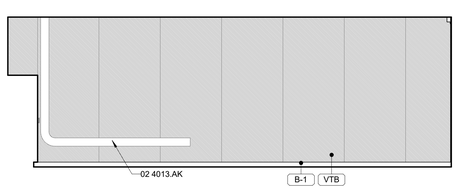

3W

1/4" = 1'-0" **702 - CLASSROOM**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.A	EXISTING CASEWORK, BASE CABINETS & WALL CABINETS TO REMAIN. PREPARE ALL EXPOSED FINISHED SURFACES ON EXISTING CABINETS FOR REFINISHING. PROTECT IN PLACE.
02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AL	EXISTING BUILT-IN SHELF TO REMAIN.
02 4013.AZ	EXISTING FIRE EXTINGUISHER CABINET TO REMAIN. VERIFY MOUNTING HEIGHTS MEET ACCESSIBILITY REQUIREMENTS. TYP.
02 4013.BA	EXISTING WINDOW TO REMAIN AND BE RESCREENED WHERE APPLICABLE. PROTECT IN PLACE. TYP.
02 4013.CK	EXISTING CABINET HARDWARE TO REMAIN. PROTECT IN PLACE
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
09 2116.G	PATCH GYPSUM BOARD AT DEMOLISHED BACKSPLASH FOR NEW WORK, TYP.
09 9000.E	REFINISH ALL EXPOSED FINISHED SURFACES OF EXISTING CABINETS, REFER TO SPECS. TYP.
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1101.B	TACKABLE WALL PANELS
10 1101.E	4' x 6' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 2601.A	CORNER GUARD
10 2800.H	SOAP DISPENSER
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.
11 5223.A	WALL-MOUNTED BRACKET FOR TV WITH SOLID BLOCKING SUPPORT. CUT INTO DRYWALL AS NEEDED TO INSTALL REQUIRED BLOCKING. PATCH AND REFINISH WALL.
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.A	PLUMBING FIXTURE. REFER TO PLUMBING.
22 0000.Q	SINK. REFER TO PLUMBING.
27 0000.A	CABLE/DATA/POWER CONNECTION, REFER TO ELECTRICAL
27 0000.B	WALL-MOUNTED TV BY OWNER.
27 0000.C	CLOCK SPEAKER, REFER TO ELECTRICAL. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 | SS | (T) (E) TEMPERED GLASS PANE

VTB-1 | FRP | (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 700 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH

DRAWN BY	CHECKED BY
DP, SD, AS	JH/PC/AW

DATE
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PROJECT NUMBER
0100-06-ED24

SHEET
A7-411

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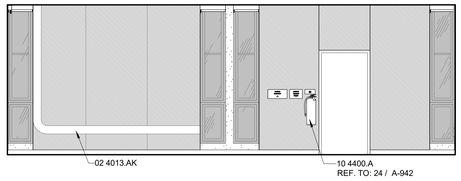
REFER TO TYP. CLASSROOM 702 INTERIOR ELEVATIONS ON A7-411 FOR TYP. INFORMATION



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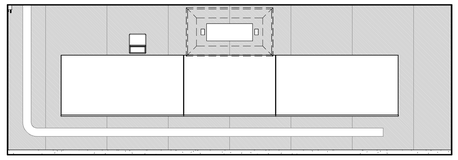

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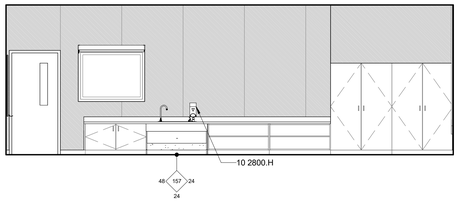

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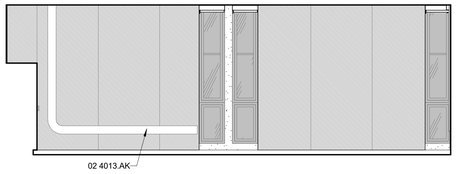

1W

1/4" = 1'-0"

701 - CLASSROOM

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KEYNOTES

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10 2800.H	SOAP DISPENSER
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

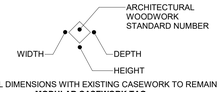
PT-1 — SS — (T) — (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS



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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
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PROJECT MANAGER
JH
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0100-06-ED24
SHEET
A7-412

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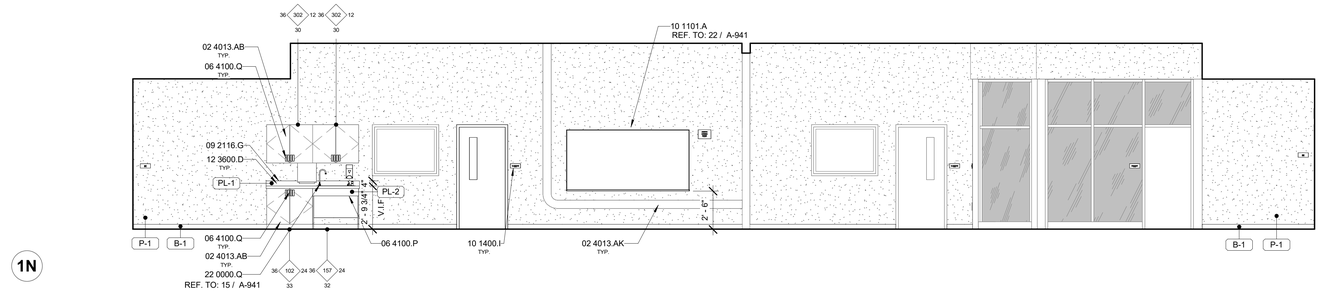

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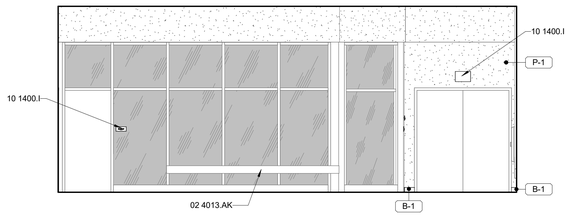

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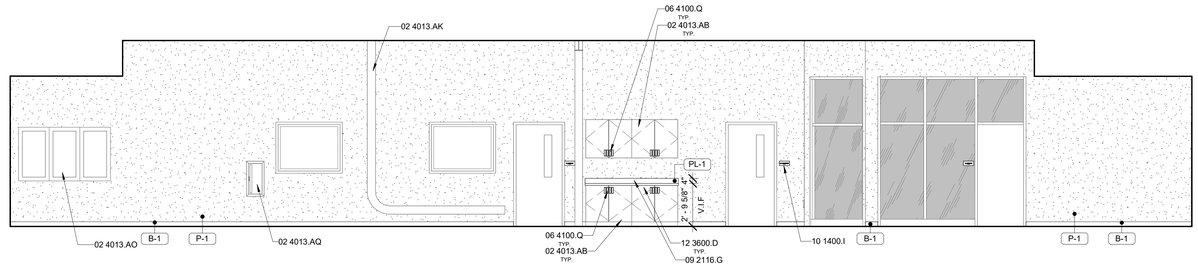

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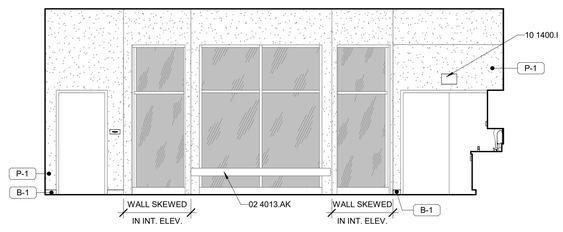
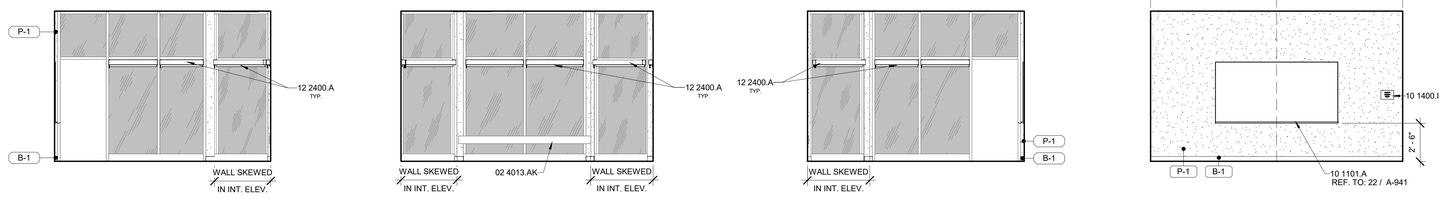


1W

1/4" = 1'-0" **706 - LEARNING CENTER**



2N 2E 2S 2W

1/4" = 1'-0" **706A - BREAKOUT**

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7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AO	EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
09 2116.G	PATCH GYPSUM BOARD AT DEMOLISHED BACKSPLASH FOR NEW WORK, TYP.
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.Q	SINK. REFER TO PLUMBING.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — VTB-1 — FRP

REFER TO INTERIOR ELEVATIONS

(T) (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER

WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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C 40884
10-31-27
RENEWAL DATE
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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 700 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
A7-413

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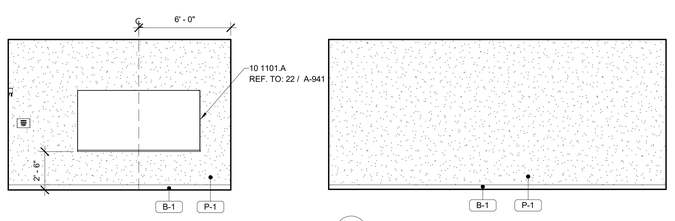

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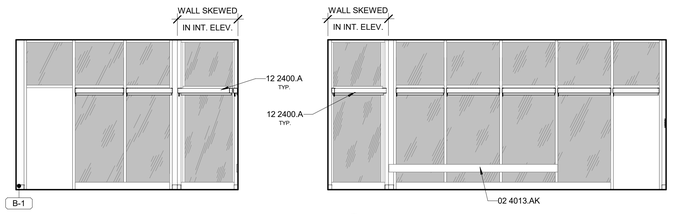

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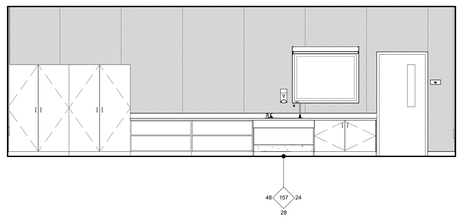
1/4" = 1'-0" **706B - BREAKOUT**

REFER TO TYP. CLASSROOM 702 INTERIOR ELEVATIONS ON A7-411 FOR TYP. INFORMATION



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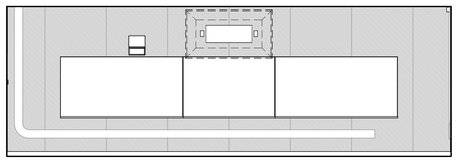

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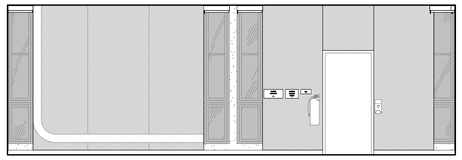

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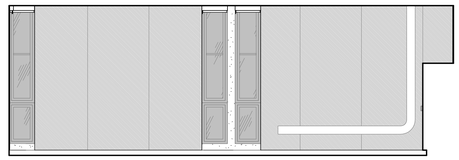

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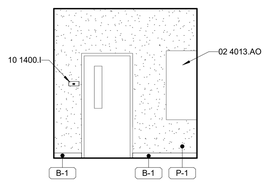
1/4" = 1'-0" **705 - CLASSROOM**



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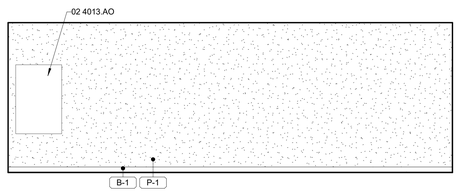

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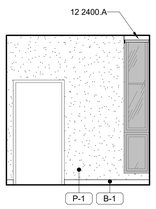

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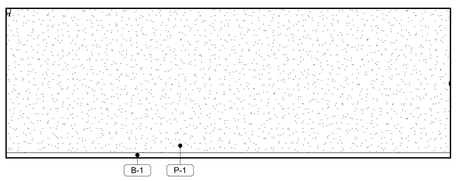

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1/4" = 1'-0" **706C - A.V. EQUIPMENT**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AO	EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
02 4013.AQ	EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE, SET ASIDE, AND REINSTALL EXISTING SURFACE MOUNTED FIRE EXTINGUISHERS. TYP.
10 1101.A	4' x 8' MARKERBOARD, INSTALL BLOCKING PER DETAIL
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
12 2400.A	ROLLER WINDOW SHADES. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) — (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

ARCHITECTURAL WOODWORK STANDARD NUMBER
WIDTH — DEPTH — HEIGHT

*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
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C 40884
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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 700 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER JH
DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET A7-414

DSA SUBMITTAL

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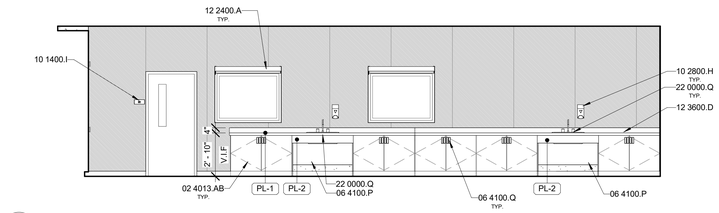
REFER TO TYP. CLASSROOM 702 INTERIOR ELEVATIONS ON AD-411 FOR TYP. INFORMATION



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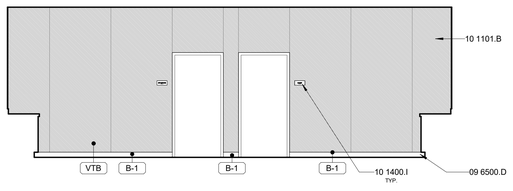

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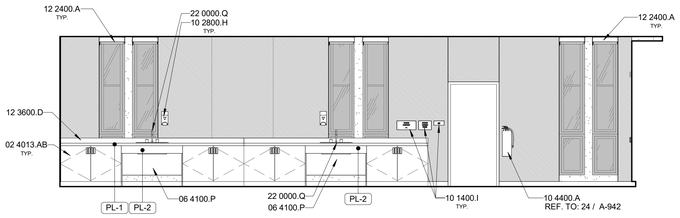

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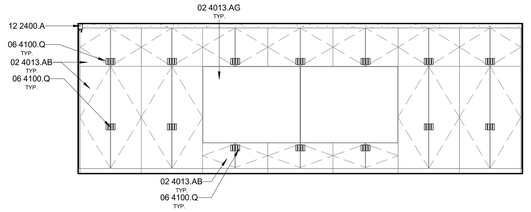

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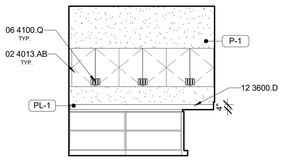
1/4" = 1'-0" **704 - CLASSROOM**



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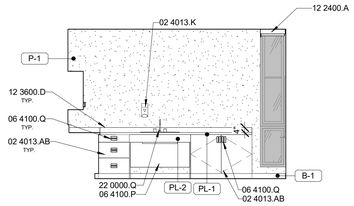

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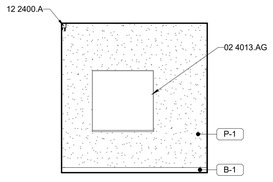

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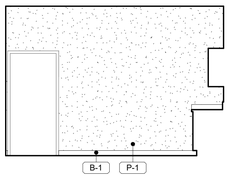

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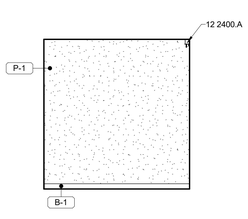
1/4" = 1'-0" **704A - ART SUPPLIES**



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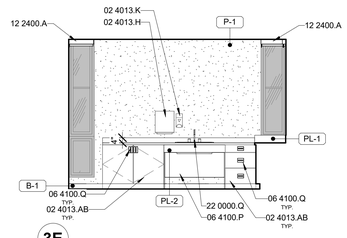

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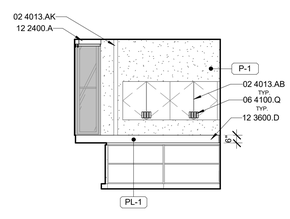

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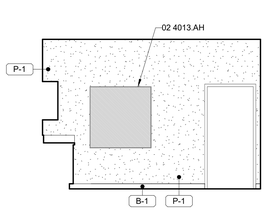

3W

1/4" = 1'-0" **704B - CLOSET**

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2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
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3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AB	EXISTING CABINETS TO REMAIN. PROTECT IN PLACE. REMOVE EXISTING CABINET DOOR PULLS AND PREP DOOR PANELS FOR NEW PULLS.
02 4013.AG	EXISTING MARKERBOARD TO REMAIN. PROTECT IN PLACE.
02 4013.AH	EXISTING TACKBOARD TO REMAIN.
02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.H	EXISTING PAPER TOWEL DISPENSER TO BE REMOVED. TYP.
02 4013.K	EXISTING SOAP DISPENSER. PROTECT IN PLACE.
06 4100.P	ACCESSIBLE BASE CABINET AT SINK. FINISH AND PAINT WALL BEHIND CABINET AND EXTEND FLOOR FINISH UNDERNEATH. TYP.
06 4100.Q	S.S. WIRE PULL HANDLE WITH S.S. COVER PLATE
09 6500.D	WALL BASE
10 1101.B	TACKABLE WALL PANELS
10 1400.I	SIGNAGE. REFER TO SIGNAGE PLAN. PATCH AND PAINT AS NEEDED FOR REMOVED EXISTING SIGNAGE. TYP.
10 2800.H	SOAP DISPENSER
10 4400.A	SURFACE MOUNTED FIRE EXTINGUISHER. TYP.
12 2400.A	ROLLER WINDOW SHADES. TYP.
12 3600.D	PLASTIC LAMINATE COUNTERTOP & BACKSPLASH. TYP.
22 0000.Q	SINK. REFER TO PLUMBING.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1 — SS — (T) (E) TEMPERED GLASS PANE

VTB-1 — FRP — (E) GLAZING

REFER TO INTERIOR ELEVATIONS

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS

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C 40884
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SHEET
A7-415

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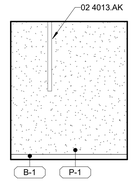

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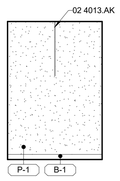

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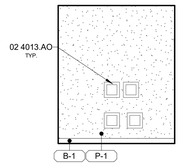

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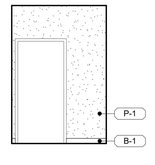
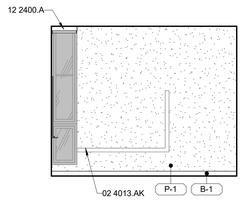


1W

1/4" = 1'-0" **709A - STORAGE**



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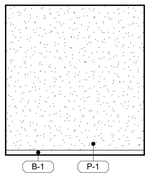

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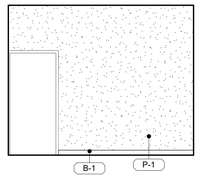

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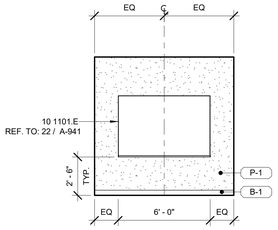


2W

1/4" = 1'-0" **709 - BREAKOUT ROOM**

INT. ELEVS. GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR FURTHER INFORMATION ON ELECTRICAL EQUIPMENT.
2. REFER TO RCP'S FOR SOFFIT DIMENSIONS AND FURTHER INFORMATION.
3. PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
4. ALL DIMENSIONS SHOWN IN A ROOM TO BE CONSIDERED TYPICAL FOR EACH ELEVATION OF THE ROOM, UNLESS NOTED OTHERWISE.
5. VERIFY MOUNTING HEIGHTS OF ACCESSORIES AND PLUMBING FIXTURES MEET ACCESSIBILITY REQUIREMENTS WHERE APPLICABLE.
6. ALL WALL AND CEILING FINISHES SHALL COMPLY WITH ***2022 CBC TABLE 803.13*** FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.
7. SURFACE MOUNTED CABLE RACEWAYS SHOWN FOR REFERENCE ONLY, CONTRACTOR TO COORDINATE ALL RACEWAY LOCATIONS IN THE FIELD.

DEMOLITION NOTES

1. APPROXIMATE LOCALIZED REMOVAL OF INTERIOR GWB FINISHES SHOWN FOR REFERENCE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE ACTUAL THE EXTENTS OF GWB REMOVAL AS REQUIRED FOR INSTALLATION OF PROPOSED SCOPE IN THE WALLS.
2. (E) BATT INSULATION ABOVE CEILING OR IN WALLS - REPLACE WHERE DISLOCATED DURING CONSTRUCTION. ADD ADDITIONAL BATTS OF MATCHING THICKNESS WHERE MISSING OR DAMAGED.
3. REMOVE ALL (E) SIGNAGE, TYP.
4. REMOVE ALL (E) WINDOW BLINDS, TYP.
5. REMOVE ALL (E) PROJECTOR SCREENS, PROJECTORS, TV MOUNTS, MARKERBOARDS, ETC.
6. REMOVE ALL (E) WALL MOUNTED FIRE EXTINGUISHERS.
7. REMOVE ALL WALL MOUNTED CLOCKS. PATCH AND REPAIR GYP FINISH.

KEYNOTES

02 4013.AK	EXISTING SURFACE MOUNTED CABLE RACEWAY INCLUDING OUTLETS, DATA PORTS, AND SWITCHES TO REMAIN, TEMPORARILY REMOVE FOR TACKBOARD INSTALLATION WHERE OCCURS, REINSTALL AND PAINT TO MATCH ADJACENT WALL FINISH.
02 4013.AO	EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10 1101.E	4' x 6' MARKERBOARD, INSTALL BLOCKING PER DETAIL
12 2400.A	ROLLER WINDOW SHADES. TYP.

INTERIOR ELEVATIONS LEGEND

CPT-1 — MATERIAL TAG
REFER TO MATERIAL SCHEDULE FOR MORE INFORMATION

WALLS

PT-1

SS

VTB-1

FRP

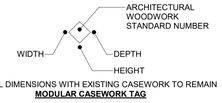
REFER TO INTERIOR ELEVATIONS

(T) — (E) TEMPERED GLASS PANE

(E) GLAZING

(E) ACOUSTIC PANELS, PROTECT IN PLACE

STRETCHED-FABRIC ACOUSTIC WALL PANELS



*V.I.F. ALL DIMENSIONS WITH EXISTING CASEWORK TO REMAIN
MODULAR CASEWORK TAG

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DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
BLDG. 700 - INTERIOR ELEVATIONS

NO.	REVISION	DATE

PROJECT MANAGER
JH
DRAWN BY
DP, SD, AS
CHECKED BY
JH/PC/AW
DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
A7-416

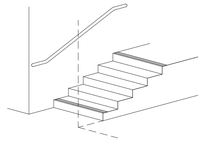
3/2/2026 1:38:04 PM
Autodesk Docs://0100-06 CL Smith Elementary Modernization/0100-06 SITE.rvt

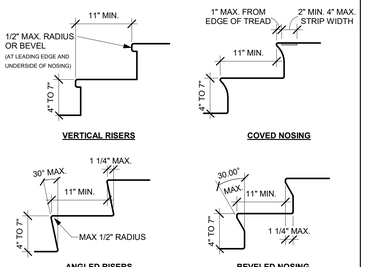
NOTES:
1. TREAD & LANDING SURFACES SHALL BE STABLE, FIRM & SLIP RESISTANT.
2. STAIR TREADS & RISERS SHALL BE OF UNIFORM SIZE AND SHAPE.
3. ALL NOSING SHALL BE UNIFORM SIZE, INCLUDING EDGE OF FLOOR AT TOP OF FLIGHT.
4. TREADS SHALL BE PERMITTED TO HAVE A SLOPE NOT STEEPER THAN 1:48 IN ANY DIRECTION.

WARNING STRIPS:
- MIN. 2" TO MAX. 4" WIDE; FULL WIDTH OF STAIR.
- MUST BE CLEARLY CONTRASTING COLOR FROM ADJOINING SURFACES.
- THE STRIP MUST BE MADE OF A MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR.

EXTERIOR STAIRS:
- ALL TREADS MUST BE MARKED.
- PAINTED OR GROOVED STRIPES NOT ACCEPTABLE; MATERIAL SHALL BE AT LEAST AS SLIP RESISTANT AS TREADS.
- EXTERIOR STAIRS SHALL DESIGNED TO PREVENT THE ACCUMULATION OF WATER.

INTERIOR STAIRS:
- UPPER APPROACH AND LOWER TREADS MUST BE MARKED.





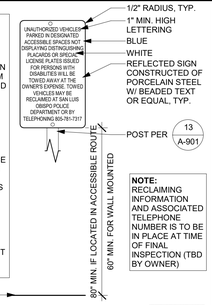
REF: CBC 11B-504

32 ACC. STAIR COMPLIANCE
A-901 SCALE: 1" = 1'-0"

NOTE:
1. SIGN TO BE CENTERED AT THE INTERIOR END OF PARKING SPACE.
2. THE SIGN SHALL NOT BE LESS THAN 17 INCHES BY 22 INCHES IN SIZE WITH 1 INCH HIGH MINIMUM LETTERING WHICH CLEARLY AND CONSPICUOSLY STATES THE FOLLOWING:

"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED BY TELEPHONING _____."

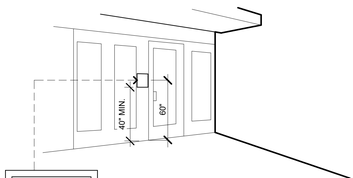
BLANK SPACES ARE TO BE FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN.



NOTE:
RECLAIMING INFORMATION AND ASSOCIATED TELEPHONE NUMBER IS TO BE IN PLACE AT TIME OF FINAL INSPECTION (TBD BY OWNER)

REF: CBC 11B-502.8

21 ACC. TOWING SIGN - ACC. STALL
A5-101 A-901 SCALE: 3/4" = 1'-0"

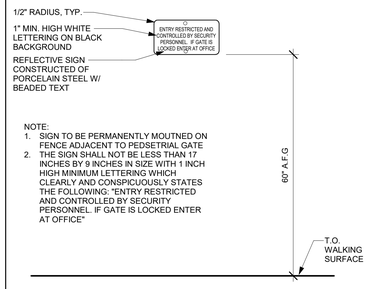


INTERNATIONAL SYMBOL OF ACCESSIBILITY

NOTE:
AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION WHERE THE ACCESSIBLE ROUTE OF TRAVEL DIVERGES FROM THE REGULAR CIRCULATION PATH ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL, ENTRANCE, OR FACILITY, THERE SHALL BE A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.

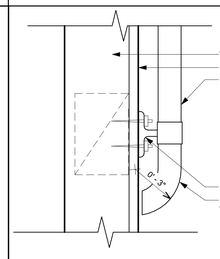
REF: CBC 11B-216.6

11 ACC. BLDG. ENTRY SIGNAGE
A-901 SCALE: 3" = 1'-0"



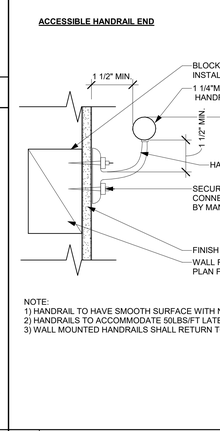
NOTE:
1. SIGN TO BE PERMANENTLY MOUTNED ON FENCE ADJACENT TO PEDSETRIAL GATE
2. THE SIGN SHALL NOT BE LESS THAN 17 INCHES BY 9 INCHES IN SIZE WITH 1 INCH HIGH MINIMUM LETTERING WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING: "ENTRY RESTRICTED AND CONTROLLED BY SECURITY PERSONNEL. IF GATE IS LOCKED ENTER AT OFFICE"

12 GATE SIGNAGE
A-901 SCALE: 3/4" = 1'-0"



REF: CBC 11B-505

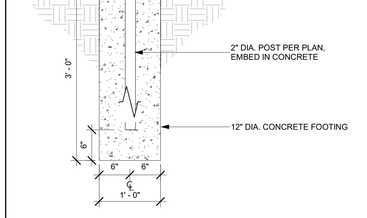
33 ACC. HANDRAIL SECTION PROFILES
A-901 SCALE: 3" = 1'-0"



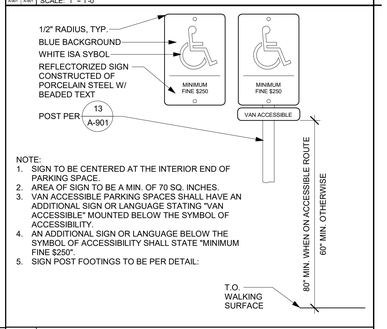
NOTE:
1) HANDRAIL TO HAVE SMOOTH SURFACE WITH NO SHARP CORNERS
2) HANDRAILS TO ACCOMMODATE 50LBS/FT LATERAL LOAD
3) WALL MOUNTED HANDRAILS SHALL RETURN TO WALL AT ENDS

REF: CBC 11B-505

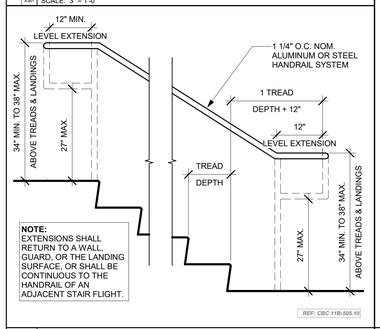
24 HANDRAIL ATTACHMENT AT WALL
A-901 SCALE: 3" = 1'-0"



13 SIGN POST FOOTING
A-901 A-901 SCALE: 1" = 1'-0"



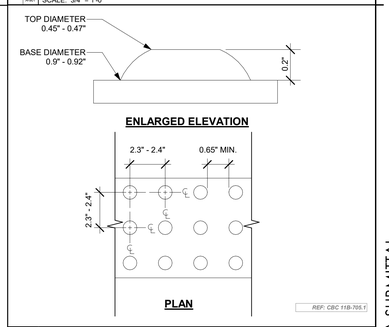
NOTE:
1. SIGN TO BE CENTERED AT THE INTERIOR END OF PARKING SPACE.
2. AREA OF SIGN TO BE A MIN. OF 70 SQ. INCHES.
3. VAN ACCESSIBLE PARKING SPACES SHALL HAVE AN ADDITIONAL SIGN OR LANGUAGE STATING "VAN ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY.
4. AN ADDITIONAL SIGN OR LANGUAGE BELOW THE SYMBOL OF ACCESSIBILITY SHALL STATE "MINIMUM FINE $250".
5. SIGN POST FOOTINGS TO BE PER DETAIL:



NOTE:
EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.

REF: CBC 11B-505.10

34 ACC. HANDRAIL @ STAIRS
A-901 SCALE: 3/4" = 1'-0"



REF: CBC 11B-705.1

14 ACC. PARKING SIGNAGE
A-901 SCALE: 3/4" = 1'-0"

15 ACC. DETECTABLE WARNING TEXTURE
A5-101 A-901 SCALE: 3" = 1'-0"

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

ACCESSIBILITY DETAILS - SITE

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A-901

DSA SUBMITTAL

3/2/2026 1:38:05 PM
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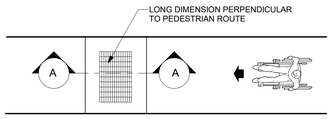
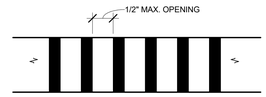


PLAN

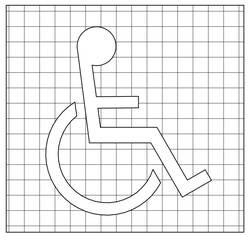


SECTION A-A THROUGH GRATE

REF: CBC 11B-302.3

5 ACC. GRATES

A-902 SCALE: 1/4" = 1'-0"



SYMBOL PROPORTIONS

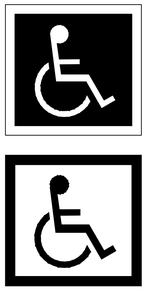
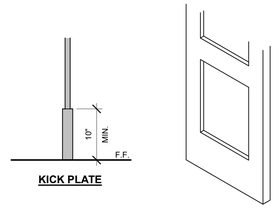


FIGURE 11B-703.7.2.1 INTERNATIONAL SYMBOL

REF: CBC 11B-703.7.2.1

3 INTL SYMBOL OF ACC.

A-902 SCALE: 3" = 1'-0"



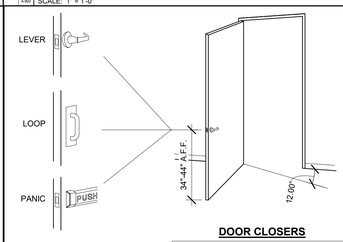
KICK PLATE

NOTE:
SWINGING DOOR & GATE SURFACES WITHIN 10" OF FINISH FLOOR SHALL HAVE A SMOOTH SURFACE OF THE PUSH SIDE EXTENDING THE FULL WIDTH OF DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS SHALL BE WITHIN 1/16" OF SURFACE & SHALL BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY KICK PLATES SHALL BE CAPPED.

REF: CBC 11B-404.2.10

31 ACC. DOOR KICK PLATE

A-902 SCALE: 1" = 1'-0"



ACCEPTABLE DOOR HARDWARE AND MOUNTING HEIGHTS

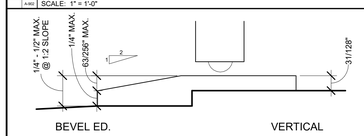
DOOR CLOSERS

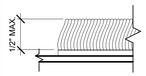
NOTE:
DOOR CLOSERS IF PRESENT, MUST BE SET SO THAT IT TAKES DOOR AT LEAST 5 SECONDS TO CLOSE FROM AN OPEN POSITION OF 90 DEGREES TO WITHIN 12° OF LATCH. THE FORCE TO OPEN DOOR SHALL NOT EXCEED 5 LBS. TYPICAL.

REF: CBC 11B-404.2

32 ACC. DOOR REQUIREMENTS

A-902 SCALE: 1" = 1'-0"





CARPET PILE HEIGHT
REF. 11B 302.2

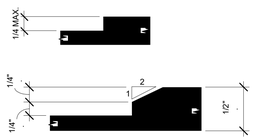
INTERIOR
MAT CARPETING MUST CONSIST OF:
-LEVEL LOOP
-TEXTURED LOOP
-LEVEL CUT PILE, OR
-LEVEL CUT/UNCUT PILE

IF PILE HEIGHT EXCEEDS 1/4", THEN EDGES MUST HAVE BEVELED TRIM

REF. CBC 11B 303

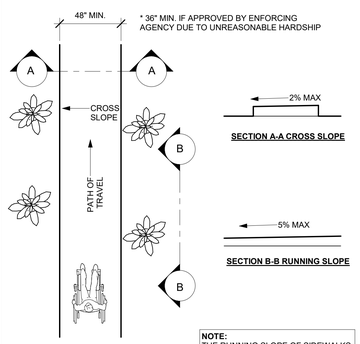
33 CHANGES IN LEVEL

A-902 SCALE: 12" = 1'-0"



CHANGES IN LEVEL

REF: CBC 11B-303.2.3



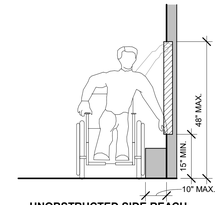
NOTE:
THE RUNNING SLOPE OF SIDEWALKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET

ALLOWABLE SLOPE AND CROSS SLOPE

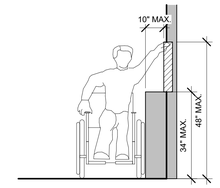
REF: CBC 11B-402

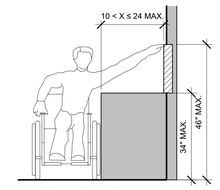
4 ACC. WALKS AND SIDEWALKS

A-902 SCALE: 1/4" = 1'-0"



UNOBSTRUCTED SIDE REACH



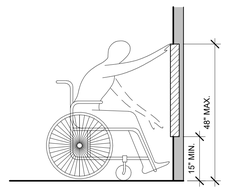


OBSTRUCTED HIGH SIDE REACH

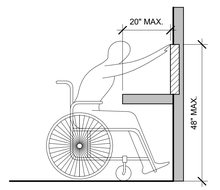
REF: CBC 11B-308.3

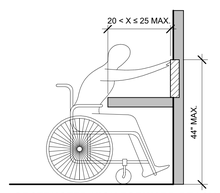
22 ACC. SIDE REACH

A-902 SCALE: 1/2" = 1'-0"



UNOBSTRUCTED FORWARD REACH



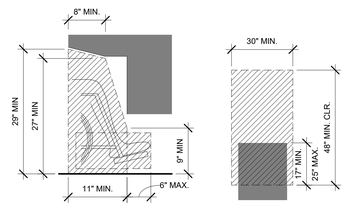


OBSTRUCTED HIGH FORWARD REACH

REF: CBC 11B-308.2

24 ACC. FORWARD REACH

A-902 SCALE: 1/2" = 1'-0"



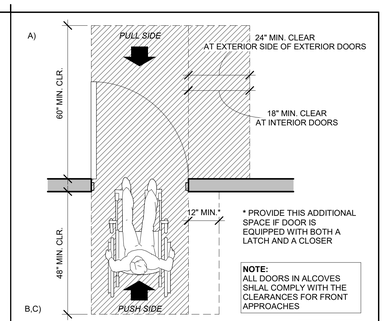
ELEVATION **PLAN**

NOTE:
1. THE REQUIRED CLEAR FLOOR SPACE MAY NOT OVERLAP THE REQUIRED KNEE SPACE BY MORE THAN 19".
2. KNEE CLEARANCES AT TABLES, COUNTERS & WORKSURFACES IS AT LEAST 27" HIGH, 30" WIDE AND 19" DEEP.

REF: 2019 CBC 11B-306

2 TOE & KNEE CLEARANCES

A-902 SCALE: 3" = 1'-0"

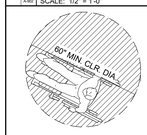


NOTE:
ALL DOORS IN ALCOVES SHLAL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES

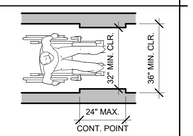
REF: CBC 11B-404.2.4

11 FRONT APPROACH CLEARANCES

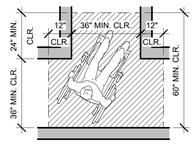
A-902 SCALE: 1/2" = 1'-0"



60 INCHES DIAMETER SPACE



MINIMUM CLEAR WIDTH

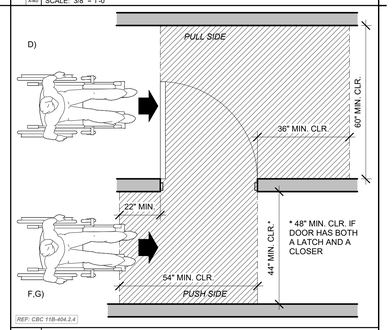


T-SHAPED SPACE FOR 180 DEGREE TURNS

REF: CBC 11B-304.6, 11B-403.5.1

12 TURNING SPACE

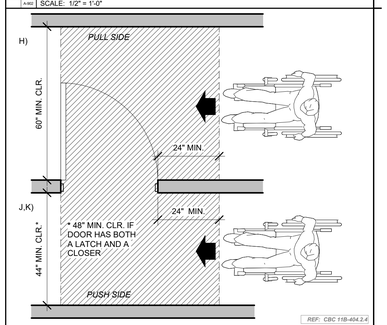
A-902 SCALE: 3/8" = 1'-0"



REF: CBC 11B-404.2.4

13 HINGE APPROACH CLEARANCES

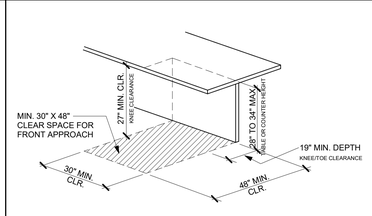
A-902 SCALE: 1/2" = 1'-0"



REF: CBC 11B-404.2.4

14 LATCH APPROACH CLEARANCES

A-902 SCALE: 1/2" = 1'-0"



NOTE:
1. THE REQUIRED CLEAR FLOOR SPACE MAY NOT OVERLAP THE REQUIRED KNEE SPACE BY MORE THAN 19".
2. KNEE CLEARANCES AT TABLES, COUNTERS & WORKSURFACES IS AT LEAST 27" HIGH, 30" WIDE AND 19" DEEP.

1 COUNTERTOP CLEARANCES

A-902 SCALE: 3" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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LICENSED ARCHITECT
JONATHAN HOWES
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
ACCESSIBILITY DETAILS - GENERAL

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A-902

3/2/2026 1:38:06 PM
Autodesk Docs://0100-06 CL Smith Elementary Modernization/0100-06 SITE.rvt

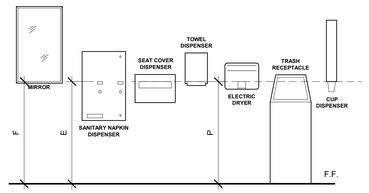
		AGE GROUP	ADULT	AGE GROUP 9-12	AGE GROUP 5-8
A	TOILET CL FROM WALL		17"-18"	15-18"	12"-15"
B	TOILET SEAT HEIGHT		17"-19"	15"-17"	12"-15"
C	TOP OF GRAB BAR GRIPPING SURFACE		33"-36"	25"-27"	20"-25"
D1	FURTHEST TOILET PAPER IN FRONT OF TOILET		7"-9" AT CL	7"-9" AT CL	7"-9" AT CL
D2	DISPENSER HEIGHT		19"-24"	17"-19"	14"-17"
E	SANITARY NAPKIN DISPOSAL (HIGHEST OPERABLE PART A.F.F.)		NOT USED	19" MIN.	NOT USED
F	MIRROR - BOT. OF REFLECTIVE SURFACE A.F.F.		40" MAX. WHEN ABOVE SINK OR COUNTERTOP 35" MAX. NO LAV.	31" MAX.	31" MAX.
G	LAVATORY/SINK RIM HEIGHT		34" MAX.	31" MAX.	31" MAX.
H	LAVATORY KNEE CLEARANCE		17" MIN. AT 8" DEPTH 29" MIN. AT APRON	25" MIN. AT APRON	25" MIN. AT APRON
J	URINAL LIP HEIGHT		17" MAX.	NOT USED	15" MAX.
K	URINAL FLUSH HANDLE HEIGHT		44" MAX.	44" MAX.	44" MAX.

		AGE GROUP	ADULT	AGE GROUP 9-12	AGE GROUP 5-8
L	LOW DRINKING FOUNTAIN APPROACH		PER 11B-306	PARALLEL APPROACH IS PERMITTED IF SPOUT IS 30" MAX. A.F.F. & 3 1/2" MAX. FROM FRONT EDGE OF THE UNIT	
	SPOUT HEIGHT AND LOCATION FROM EDGE OF UNIT INCLUDING BUMPERS		36" MAX. A.F.F & 5" MAX. FROM FRONT EDGE OF UNIT		
	DRINKING FOUNTAIN OPERABLE PARTS FROM FRONT EDGE OF THE UNIT		6" MAX.	6" MAX.	6" MAX.
M	DRINKING FOUNTAIN KNEE CLEARANCE		27" MIN. CLR.	24" MIN. CLR.	24" MIN. CLR.
P	DISPENSERS/OPERABLE PARTS		40" MAX.	36" MAX.	36" MAX.
Q	REACH RANGE - FRONT & SIDE APPROACH		48" MAX.	16" MIN. - 46" MAX. A.F.F.	18" MIN. - 40" MAX. A.F.F.
R	BOTTOM OF OPENING/OUTLET		19" MIN.	17"-19"	14"-17"
S	TOE CLEARANCE AT TOILET PARTITION		NOT USED	9" MIN.	12" MIN.
T	TOILET FLUSH CONTROL HEIGHT				

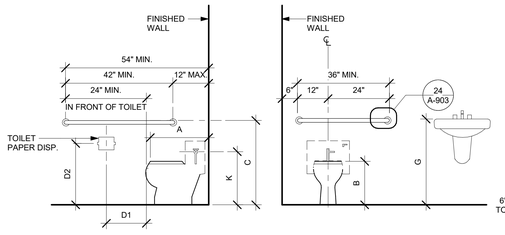
NOTES:
1. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
2. THE DIP OF THE OVERFLOW SHALL NOT BE CONSIDERED IN DETERMINING KNEE & TOE CLEARANCES.
3. SINK SHALL BE 6-1/2" DEEP MAX.
4. OPERABLE PARTS OF SOAP OR OTHER DISPENSERS LOCATED ON THE BACK WALL OF THE LAVATORY ARE WITHIN REACH RANGE 40FII MAXIMUM AFF AND 178-19fi MAXIMUM DEEP DEPENDENT UPON TOE CLEARANCE BELOW PER CBC.
5. DISPENSERS MOUNTED ON THE GRAB BAR SIDE OF ACCESSIBLE TOILET SHALL NOT PROJECT MORE THAN 3-1/2" FROM FACE OF WALL, NOR BE LOCATED CLOSER THAN 1-1/2" CLEAR OF BOTTOM OF GRAB BAR.

FAUCET ACCESSIBILITY NOTES:
(CONTROLS FOR FAUCETS SHALL COMPLY WITH CBC 11B-309)

1. FAUCETS CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.
2. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GRATER THAN 5 POUND FORCE (22.2N). LEVER-OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSINGVALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

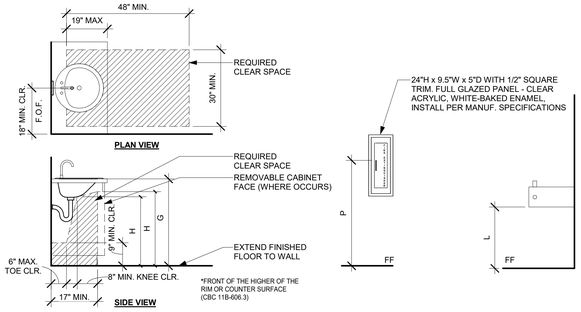


REF. 11B-603.3-.5



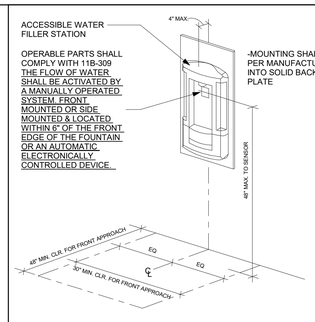
SIDE GRAB BAR

REAR GRAB BAR



52 FIXTURE AND ACCESSORIES MOUNTING HEIGHTS AND CLEARANCES

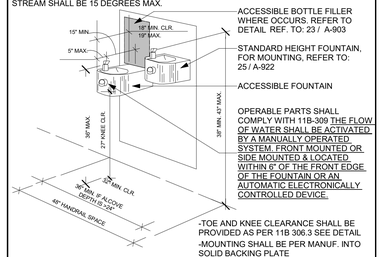
A4/03 SCALE: 1/2" = 1'-0"



23 WATER BOTTLE FILLER STATION

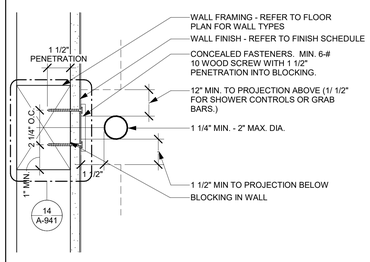
A4/03 SCALE: 3" = 1'-0" REF 11B 602

THE SPOUT SHALL PROVIDE A FLOW OF WATER 2" HIGH MIN. AND SHALL BE LOCATED 5" MAX. FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 2 INCHES FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAX. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAX. FROM THE FRONT ON THE UNIT THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAX.



13 HI-LO DRINKING FOUNTAIN

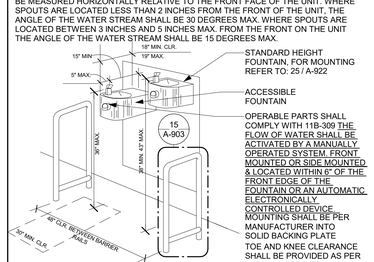
A4/03 SCALE: 3" = 1'-0" REF 11B 602



24 ACC. GRAB BAR ATTACHMENT

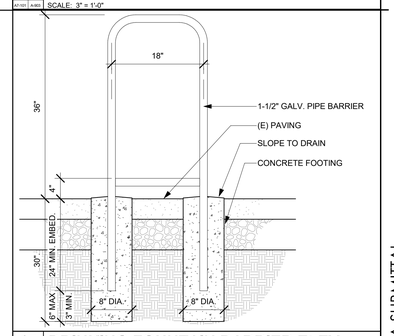
A4/03 A4/03 SCALE: 3" = 1'-0"

THE SPOUT SHALL PROVIDE A FLOW OF WATER 2" HIGH MIN. AND SHALL BE LOCATED 5" MAX. FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 2 INCHES FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAX. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAX. FROM THE FRONT ON THE UNIT THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAX.



14 ACC. DRINKING FOUNTAIN W/ RAILS

A11D A4/03 SCALE: 3" = 1'-0"



15 DRINKING FOUNTAIN BARRIER ELEV.

A4/03 A4/03 SCALE: 1" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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LICENSED ARCHITECT
JONATHAN HOWLES
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

ACCESSIBILITY DETAILS - RESTROOM AND PLUMB. FIXTURES

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		
7		

PROJECT MANAGER
JH

DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW

DATE
12/12/2025

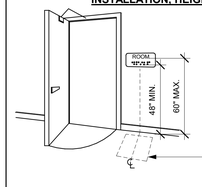
PROJECT NUMBER
0100-06-ED24

SHEET
A-903

DSA SUBMITTAL

3/2/2026 1:38:06 PM
Autodesk Docs://0100-06 CL Smith Elementary Modernization/0100-06 SITE.rvt

INSTALLATION, HEIGHT AND LOCATION

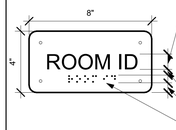


NOTE:
PERMANENT SIGNAGE TO BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. MOUNTING LOCATION MUST ALLOW A PERSON TO APPROACH WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING PATH OF THE DOOR.

18" SQ. CLR. FLOOR AREA CENTERED ON SIGN & CLEAR OF DOOR SWING

RAISED CHARACTERS

REFER TO DOOR SCHEDULE SHEET A-601 FOR ADDITIONAL SIGN INFORMATION



DEPTH:
RAISED 1/32" MIN. ABOVE BACKGROUND

CHARACTERS:
UPPERCASE, SANSERIF, NOT ITALIC, WIDTH OF "O" SHALL BE 60% MIN. TO 110% MAX. OF "I"

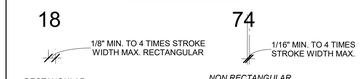
HEIGHT:
ROOM ID TEXT TO BE 1" HIGH, TYP.

STROKE:
THICKNESS OF "I" SHALL BE 15% MAX. OF HEIGHT

3/8" MIN., 1/2" MAX.

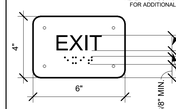
3/8" MIN.
CORRESPONDING GRADE II BRAILLE

CHARACTER SPACING



EXIT SIGNAGE

REFER TO DOOR SCHEDULE SHEET A-601 FOR ADDITIONAL SIGN INFORMATION



DEPTH:
RAISED 1/32" MIN. ABOVE BACKGROUND

CHARACTERS:
UPPERCASE, SANSERIF, NOT ITALIC, WIDTH OF "O" SHALL BE 60% MIN. TO 110% MAX. OF "I"

HEIGHT:
TEXT TO BE 1" HIGH, TYP.

STROKE:
THICKNESS OF "I" SHALL BE 15% MAX. OF HEIGHT

3/8" MIN., 1/2" MAX.

REF: 2019 CBC 11B-703

22 ACC. ROOM SIGNAGE

A-904 SCALE: 3" = 1'-0"

PERMANENT SIGNAGE TO BE WALL MOUNTED AS INDICATED ON SIGNAGE PLAN.

VISUAL CHARACTERS TO COMPLY WITH 11B-703.5.

PICTOGRAM TO COMPLY WITH 11B-703.6 AND 11B-703.7.

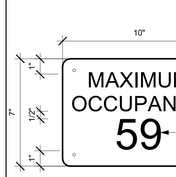
NOTE: REFER TO SPECIFICATION FOR REQUIRED NUMBER OF RECEIVERS TO BE PROVIDED.

REF CBC 11B-703.6

23 ASSISTIVE LISTENING SIGN

A-904 SCALE: 3" = 1'-0"

ALL TEXT/GRAPHICS TO BE A PERMANENT PART OF THE SIGN



1/2" RADIUS, TYP.

1" HIGH TEXT, CHARACTERS SPACED 1/2" APART

2" HIGH TEXT, VERIFY MESSAGE PRIOR TO FABRICATION

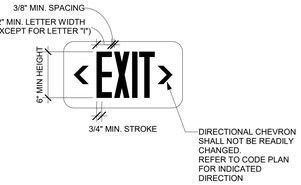
22 / A-904
FOR ROOM SIGN REQUIREMENTS

& INTERIOR ELEVATIONS FOR LOCATIONS

REF: CBC 1004.9

24 MAX OCCUPANT LOAD

A-904 SCALE: 3" = 1'-0"



DIRECTIONAL CHEVRON SHALL NOT BE READILY CHANGED.
REFER TO CODE PLAN FOR INDICATED DIRECTION

CBC 1013.1 WHERE REQUIRED
Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit or the path of egress travel is not immediately visible to the occupants. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that any point in an exit access corridor or exit passageway is within 100 feet (30 480 mm) or the listed viewing distance of the sign, whichever is less, from the nearest visible exit sign.

EXCEPTIONS:
1. Exit signs are not required in rooms or areas that require only one exit or exit access.
2. Main exterior exit doors or gates that are obviously and clearly identifiable as exits need not have exit signs where approved by the building official.
3. Exit signs are not required in occupancies in Group U and individual sleeping units or dwelling units in Group R-1, R-2 or R-3 or R-3.1.
4. Exit signs are not required where inmates are housed, or held in dayrooms, sleeping rooms or dormitories in occupancies in Group I-3.
5. In occupancies in Groups A-4 and A-5, exit signs are not required on the seating side of vomitories or openings into seating areas where exit signs are provided in the concourse that are readily apparent from the vomitories. Egress lighting is provided to identify each vomitory or opening within the seating area in an emergency.

CBC 1013.5 INTERNALLY ILLUMINATED SIGNS
Electrically powered, self-luminous and photoluminescent exit signs shall be listed and labeled in accordance with UL 924 and shall be installed in accordance with the manufacturer's instructions and Chapter 27. Exit signs shall be illuminated at all times.

CBC 1013.6 EXTERNALLY ILLUMINATED EXIT SIGNS
Externally illuminated exit signs shall comply with Sections 1013.6.1 through 1013.6.3.

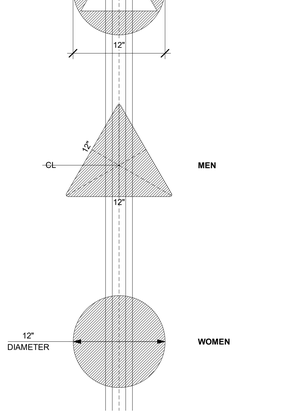
CBC 1013.6.1 GRAPHICS
Every exit sign and directional exit sign shall have plainly legible letters not less than 6 inches (152 mm) high with the principal strokes of the letters not less than 3/4 inch (19.1 mm) wide. The word "EXIT" shall have letters having a width not less than 2 inches (51 mm) wide, except the letter "I," and the minimum spacing between letters shall be not less than 3/8 inch (9.5 mm). Signs larger than the minimum established in this section shall have letter widths, strokes and spacing in proportion to their height.

The word "EXIT" shall be in high contrast with the background and shall be clearly discernible when the means of exit sign illumination is or is not energized. If a chevron directional indicator is provided as part of the exit sign, the construction shall be such that the direction of the chevron directional indicator cannot be readily changed.

12 ACC. ILLUMINATED EXIT SIGN

A-904 SCALE: 1" = 1'-0"

PICTOGRAMS AND/OR LETTERING ARE NOT REQUIRED ON DOOR-MOUNTED SIGNAGE



DOOR-MOUNTED SIGNAGE (TYP.)

14 RESTROOM GEOMETRIC SYMBOLS

A-904 SCALE: 1 1/2" = 1'-0"

WALL SIGNAGE

FOR ADDITIONAL ROOM ID SIGN INFORMATION

UPPERCASE SANS SERIF CHARACTERS HEIGHT OF LETTERING 5/8" MIN. TO 2" MAX.

3/8" MIN., 1/2" MAX.

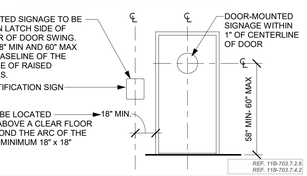
INTERNATIONAL SYMBOL OF ACCESSIBILITY

LETTERING RAISED 1/32" MIN.

CORRESPONDING GRADE II BRAILLE

DOOR-MOUNTED GEOMETRIC SYMBOLS

FOR ADDITIONAL GEOMETRIC SYMBOL INFORMATION



WALL-MOUNTED SIGNAGE TO BE LOCATED ON LATCH SIDE OF DOOR CLEAR OF DOOR SWING. MOUNT AT 48" MIN AND 60" MAX FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS.

ROOM IDENTIFICATION SIGN

SIGN SHALL BE LOCATED CENTERED ABOVE A CLEAR FLOOR SPACE (BEYOND THE ARC OF THE DOOR) OF A MINIMUM 18" x 18"

DOOR-MOUNTED SIGNAGE WITHIN 1" OF CENTERLINE OF DOOR

REF. 11B-703.7.2.6
REF. 11B-703.7.4.2

15 RESTROOM SIGNAGE

A-904 SCALE: 1" = 1'-0"

DSA SUBMITTAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

rrm design group
rrmdesign.com | (805) 543-1794

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LICENSED ARCHITECT
JONATHAN HOWLE
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

ACCESSIBILITY DETAILS - SIGNAGE

NO.	REVISION	DATE

PROJECT MANAGER
JH

DRAWN BY DP, SD, AS
CHECKED BY JH/PC/AW

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
A-904

3/2/2026 1:38:07 PM
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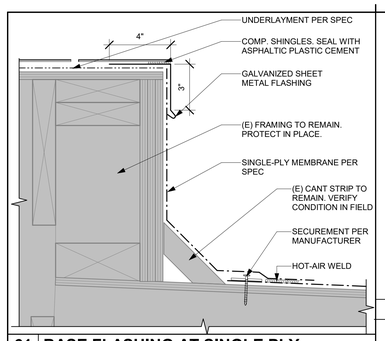
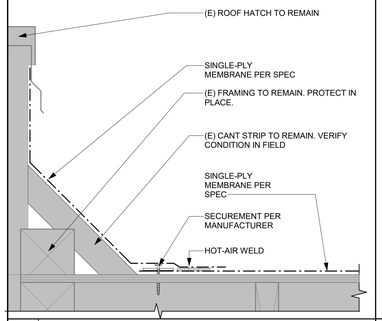


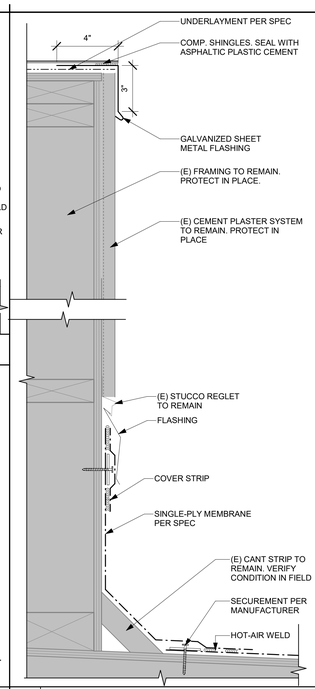
61 BASE FLASHING AT SINGLE PLY

A6-1/2 | A-921 SCALE: 3" = 1'-0"



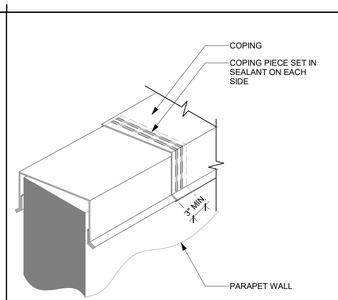
62 SINGLE PLY AT ROOF HATCH

A6-1/2 | A-921 SCALE: 3" = 1'-0"



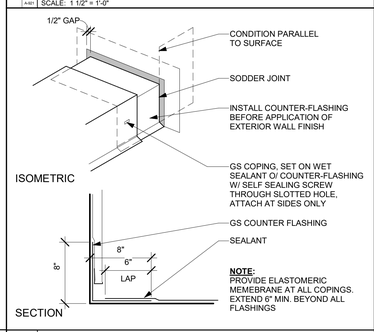
52 BASE FLASHING AT SINGLE PLY

A6-1/2 | A-921 SCALE: 3" = 1'-0"



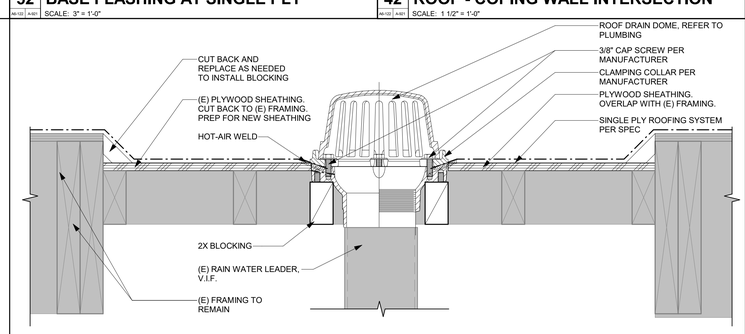
41 TYPICAL COPING JOINT

A-921 SCALE: 1 1/2" = 1'-0"



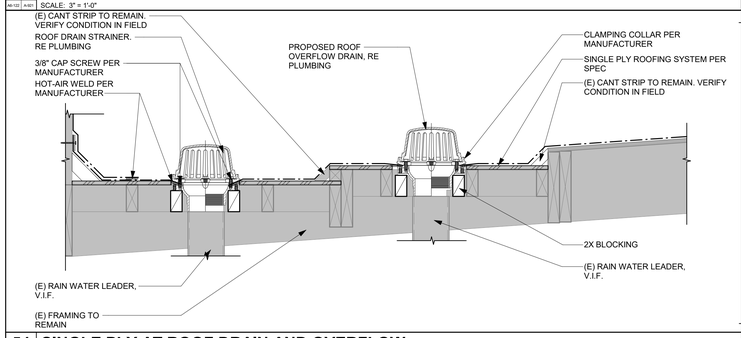
42 ROOF - COPING WALL INTERSECTION

A6-1/2 | A-921 SCALE: 1 1/2" = 1'-0"



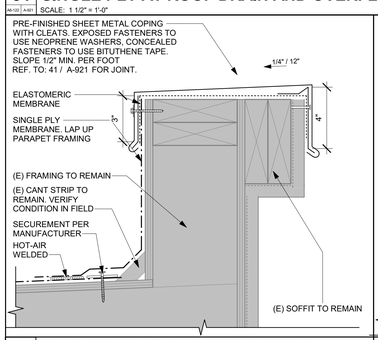
53 SINGLE PLY AT ROOF DRAIN

A6-1/2 | A-921 SCALE: 3" = 1'-0"



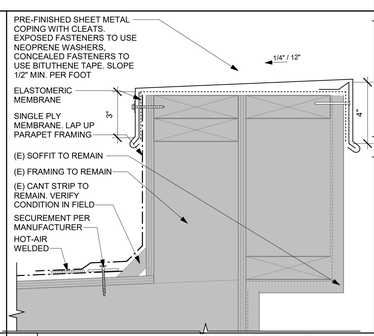
54 SINGLE PLY AT ROOF DRAIN AND OVERFLOW

A6-1/2 | A-921 SCALE: 1 1/2" = 1'-0"



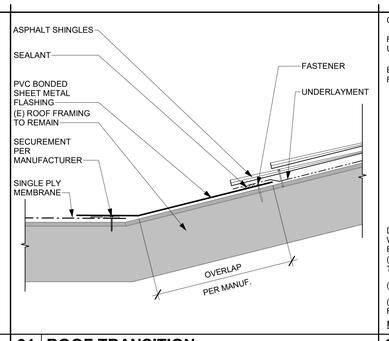
55 SINGLE PLY AT PARAPET COPING

A6-1/2 | A-921 SCALE: 3" = 1'-0"



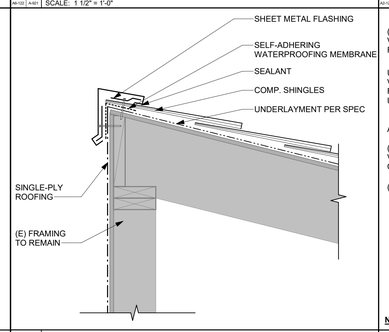
45 SINGLE PLY AT PARAPET COPING

A6-1/2 | A-921 SCALE: 3" = 1'-0"



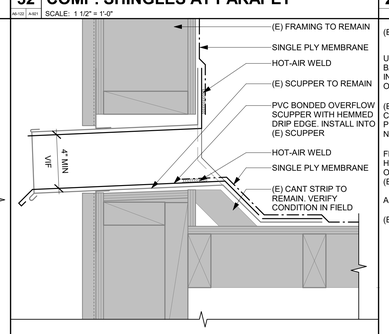
31 ROOF TRANSITION

A6-1/2 | A-921 SCALE: 1 1/2" = 1'-0"



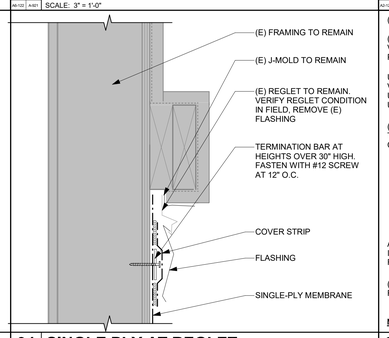
32 COMP. SHINGLES AT PARAPET

A6-1/2 | A-921 SCALE: 3" = 1'-0"



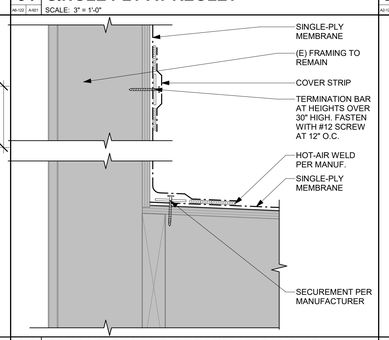
33 SINGLE PLY AT SCUPPER

A6-1/2 | A-921 SCALE: 3" = 1'-0"



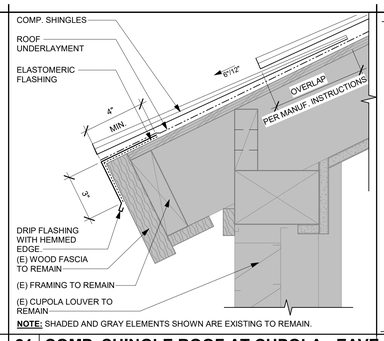
34 SINGLE PLY AT REGLET

A6-1/2 | A-921 SCALE: 3" = 1'-0"



35 SINGLE PLY AT TERMINATION BAR

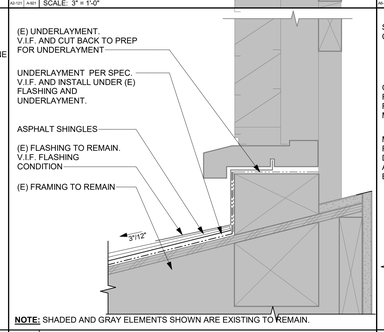
A6-1/2 | A-921 SCALE: 3" = 1'-0"



NOTE: SHADED AND GRAY ELEMENTS SHOWN ARE EXISTING TO REMAIN.

21 COMP. SHINGLE ROOF AT CUPOLA - EAVE

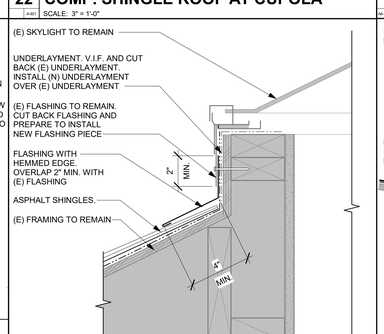
A2-1/2 | A-921 SCALE: 3" = 1'-0"



NOTE: SHADED AND GRAY ELEMENTS SHOWN ARE EXISTING TO REMAIN.

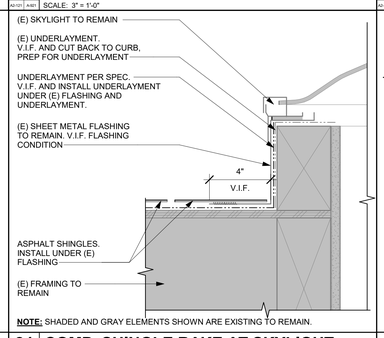
22 COMP. SHINGLE ROOF AT CUPOLA

A-921 SCALE: 3" = 1'-0"



23 COMP. SHINGLES AT CUPOLA SKYLIGHT

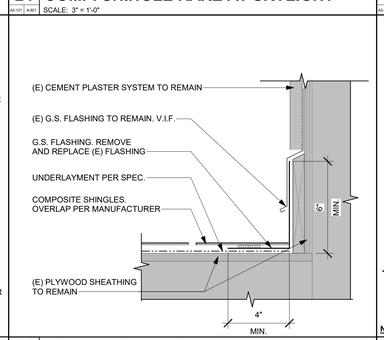
A6-1/2 | A-921 SCALE: 3" = 1'-0"



NOTE: SHADED AND GRAY ELEMENTS SHOWN ARE EXISTING TO REMAIN.

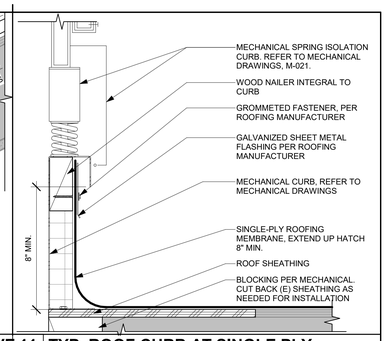
24 COMP. SHINGLE RAKE AT SKYLIGHT

A6-1/2 | A-921 SCALE: 3" = 1'-0"



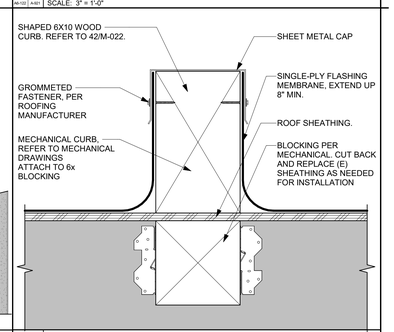
25 COMP. SHINGLE RAKE FLASHING

A6-1/2 | A-921 SCALE: 3" = 1'-0"



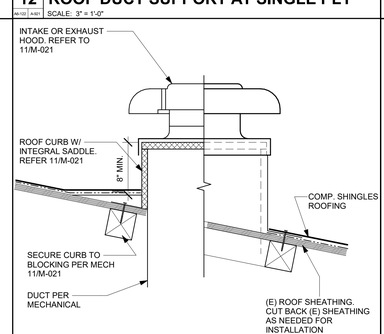
11 TYP. ROOF CURB AT SINGLE PLY

A6-1/2 | A-921 SCALE: 3" = 1'-0"



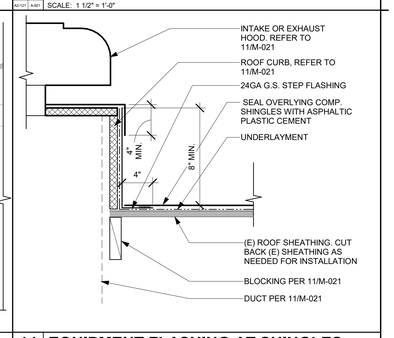
12 ROOF DUCT SUPPORT AT SINGLE PLY

A6-1/2 | A-921 SCALE: 3" = 1'-0"



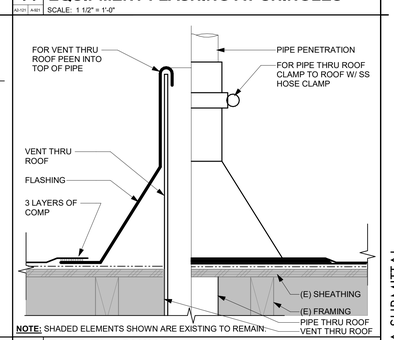
13 EQUIPMENT FLASHING AT SHINGLES

A-921 SCALE: 1 1/2" = 1'-0"



14 EQUIPMENT FLASHING AT SHINGLES

A-921 SCALE: 1 1/2" = 1'-0"



NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

15 PIPE FLASHING

A-921 SCALE: 3" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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LICENSED ARCHITECT
JONATHAN HOWLES
C 40884
10-31-27
RENEWAL DATE
STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

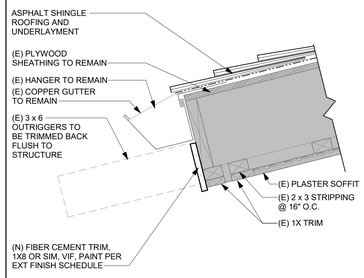
EXTERIOR DETAILS - ROOF

NO.	REVISION	DATE

PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A-921

DSA SUBMITTAL

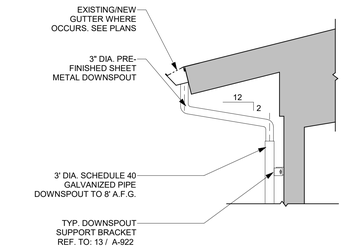
3/2/2026 1:38:09 PM
Autodesk Docs://0100-06 CL Smith Elementary Modernization/0100-06 SITE.rvt



NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

21 (N) FASCIA @ REMOVED RAFTER TAIL

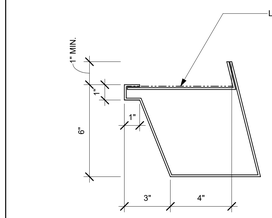
A2-21 | A-922 SCALE: 1 1/2" = 1'-0"



NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

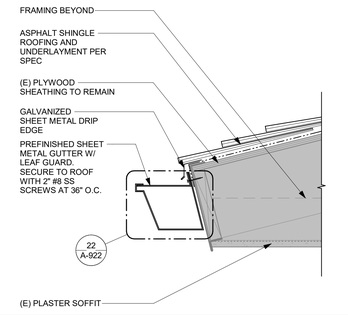
11 TYPICAL GUTTER TO DOWNSPOUT

A-922 SCALE: 1/2" = 1'-0"



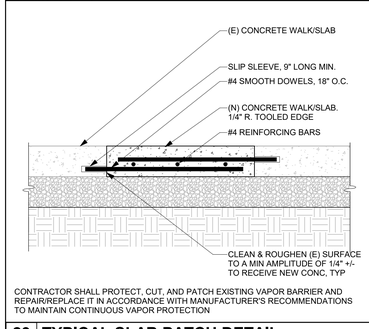
22 GUTTER PROFILE

A-922 A-922 SCALE: 3" = 1'-0"



12 GUTTER AT EAVE

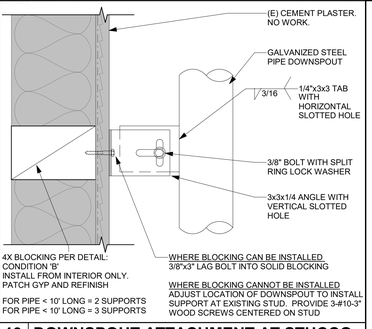
A-922 SCALE: 1 1/2" = 1'-0"



CONTRACTOR SHALL PROTECT, CUT, AND PATCH EXISTING VAPOR BARRIER AND REPAIR/REPLACE IT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS TO MAINTAIN CONTINUOUS VAPOR PROTECTION

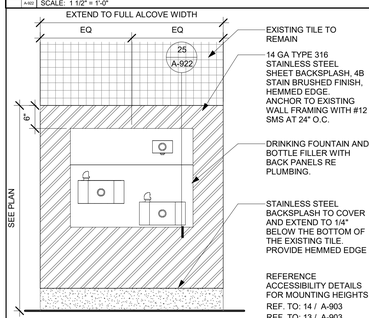
23 TYPICAL SLAB PATCH DETAIL

A-922 SCALE: 1 1/2" = 1'-0"



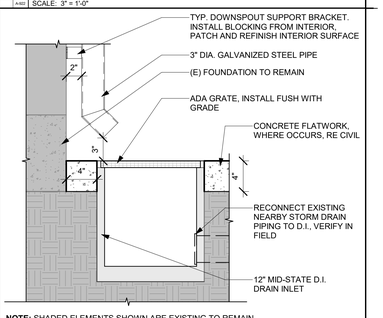
13 DOWNSPOUT ATTACHMENT AT STUCCO

A-922 SCALE: 3" = 1'-0"



24 DRINKING FOUNTAIN ELEVATION

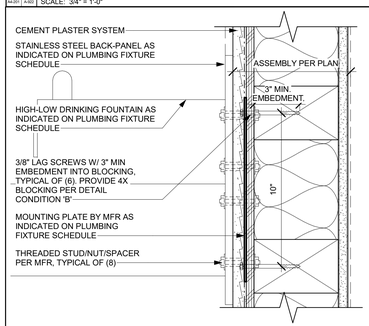
A4.01 A-922 SCALE: 3/4" = 1'-0"



NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

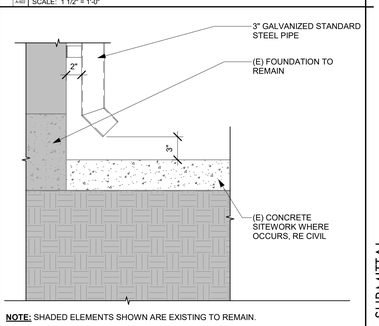
14 DOWNSPOUT TERMINATION AT INLET

A-922 SCALE: 1 1/2" = 1'-0"



25 DRINKING FOUNTAIN

A-922 A-922 SCALE: 3" = 1'-0"



NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

15 DOWNSPOUT TERMINATION AT CONC.

A-922 SCALE: 1 1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

EXTERIOR DETAILS - MISC

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PROJECT MANAGER: JH
DRAWN BY: DP, SD, AS
CHECKED BY: JH/PC/AW
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A-922

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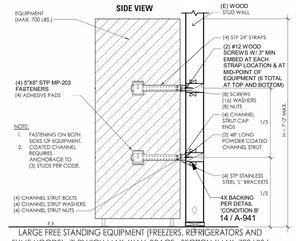
FASTENING TO WALL (1) : USING STRUTS

Fig. 5

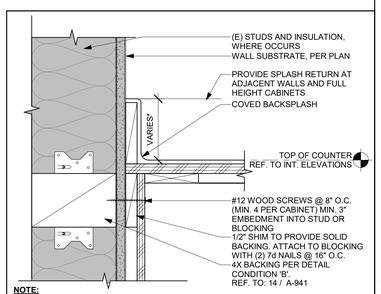


LARGE FREE STANDING EQUIPMENT (FREEZERS, REFRIGERATORS AND FUME HOODS) 7'-0" HIGH MAX. WALL BRACE - SECTION (MAX. 700 LBS.)

NOTES:
1. ANCHORS TO BE PER ICC REPORT **ESR-4167, SAFE-T-PROOF, STP-MP-203-09 STRAPS/FASTENERS WITH STP-WS-60 STRUTS**
2. CONTENTS OF FRIDGE NOT TO EXCEED 600 LBS.

41 KITCHEN EQUIPMENT ANCHORAGE

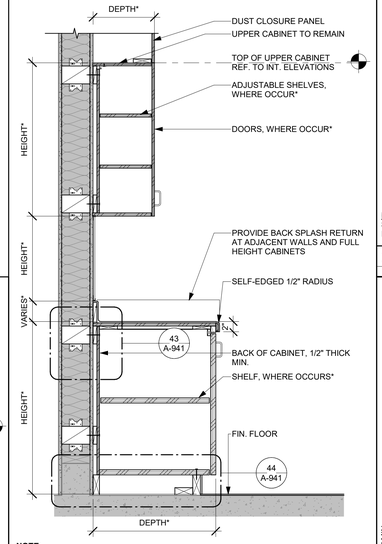
A3H SCALE: 1/2" = 1'-0"



NOTE:
SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.
* PER INTERIOR ELEVATIONS.
INSTALL BLOCKING WHERE APPLICABLE. PATCH AND REFINISH AFFECTED WALLS.

43 CABINET DETAIL - COUNTER

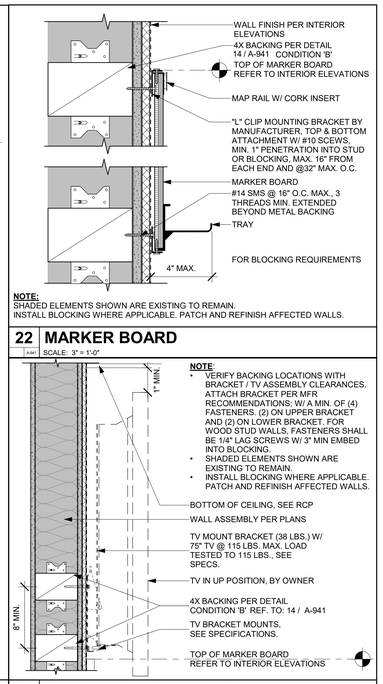
A3H A3H SCALE: 3" = 1'-0"



NOTE:
- *PER INTERIOR ELEVATIONS
- SHADED ELEMENTS SHOWN ARE EXISTING.
- INSTALL BLOCKING WHERE APPLICABLE. PATCH AND REFINISH AFFECTED WALLS.

33 CABINET SECTION - UPPER & LOWER

A3H SCALE: 1" = 1'-0"



NOTE:
SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.
INSTALL BLOCKING WHERE APPLICABLE. PATCH AND REFINISH AFFECTED WALLS.

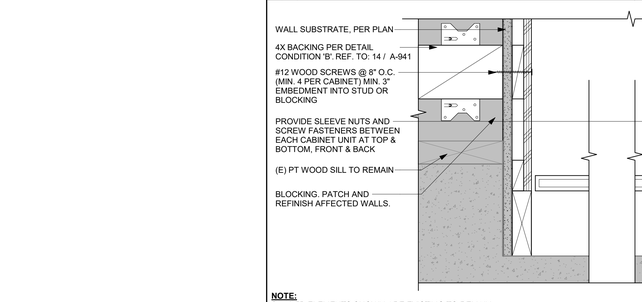
22 MARKER BOARD

A3H SCALE: 3" = 1'-0"

NOTE:
- VERIFY BACKING LOCATIONS WITH BRACKET / TV ASSEMBLY CLEARANCES. ATTACH BRACKET PER MFR RECOMMENDATIONS; W/ A MIN. OF (4) FASTENERS, (2) ON UPPER BRACKET AND (2) ON LOWER BRACKET. FOR WOOD STUD WALLS, FASTENERS SHALL BE 1/4" LAG SCREWS W/ 3" MIN EMBED INTO BLOCKING.
- SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.
- INSTALL BLOCKING WHERE APPLICABLE. PATCH AND REFINISH AFFECTED WALLS.

23 TV MOUNT AND BLOCKING

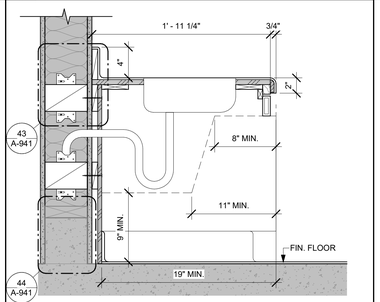
A3H SCALE: 1 1/2" = 1'-0"



NOTE:
SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.
INSTALL BLOCKING. PATCH AND REFINISH AFFECTED WALLS.

44 CABINET DETAIL - BASE

A3H A3H SCALE: 3" = 1'-0"

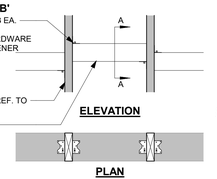


NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

24 ACC. CABINET DETAIL

A3H SCALE: 1 1/2" = 1'-0"

CONDITION 'B'
SIMP. A34 @ T&B EA. END.
ORIENT A34 HARDWARE TO AVOID FASTENER CONFLICTS
WOOD STUDS, REF. TO STRUCTURAL
4X FULL DEPTH BLOCKING
MAX VERTICAL LOAD: 250LBS
MAX LATERAL LOAD: 750LBS



PLAN

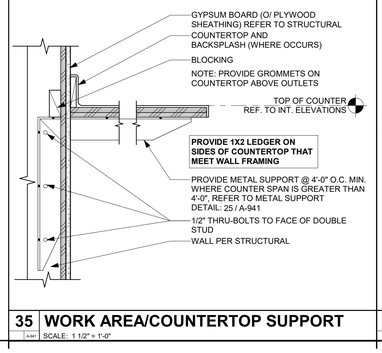
USE: #12 WOOD SCREW MIN. TO ATTACH ACCESSORIES TO BLOCKING, U.O.N.
FOR: TOILET & BATH ACCESSORIES, DOOR STOPS, DOOR HOLDERS, CABINETS, DISPLAY CABINETS, TOILET PARTITIONS

USE: # 14 WOOD SCREW MIN. OR 1/4" DIAMETER WOOD SCREW MIN. TO ATTACH ACCESSORIES TO BLOCKING, U.O.N.
FOR: HANDRAILS, GRAB BARS, SHOWER SEATS, SHELF BRACKETS, COUNTERTOP BRACKETS, URINAL SCREENS, WATER HEATER STRAPS, SINK BRACKETS, ETC.

NOTES:
1. DO NOT CUT OR NOTCH STUDS TO INSTALL BLOCKING
2. VERIFY LENGTH, HEIGHT, QUANTITY, AND LOCATION FOR BLOCKING WITH ARCHITECTURAL DETAILS AND ACCESSORY MANUFACTURER
3. EXTEND BLOCKING TO FIRST STUD PAST END OF ACCESSORY
4. REFER TO STRUCTURAL DETAILS FOR MINIMUM LOAD LIMITS ON BLOCKING
5. INSTALL BLOCKING FROM THE INTERIOR AND PATCH AND REFINISH AFFECTED AREA.

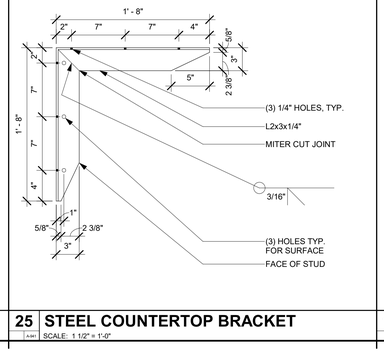
14 TYP. 4X BLOCKING

A3H A3H SCALE: 1" = 1'-0"



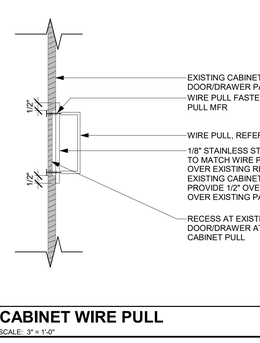
35 WORK AREA/COUNTERTOP SUPPORT

A3H SCALE: 1 1/2" = 1'-0"



25 STEEL COUNTERTOP BRACKET

A3H SCALE: 1 1/2" = 1'-0"



15 CABINET WIRE PULL

A3H SCALE: 3" = 1'-0"

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JH

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DP, SD, AS	JH/PC/AW

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
A-941

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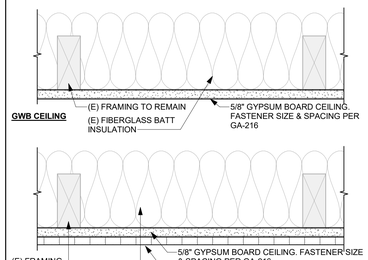
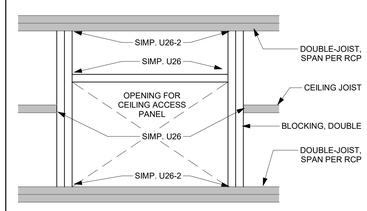
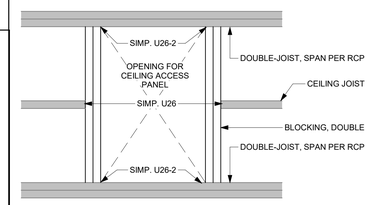


21 HARD-LID CEILING

A/A0 SCALE: 3" = 1'-0"



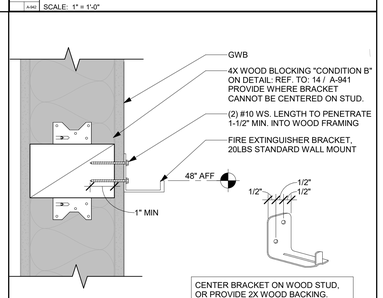


- ACCESS PANEL WEIGHT: 16LBS
- ACCESS PANEL TO BE FASTENED W/ (6) #12 X 1-1/2" WS MIN.

NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

23 CEILING ACCESS PANEL

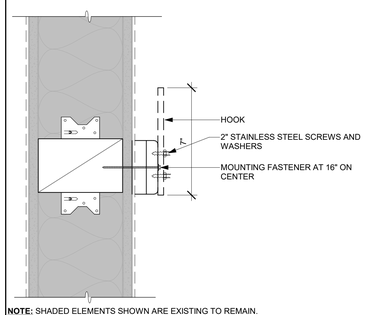
A/A0 SCALE: 1" = 1'-0"



NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

24 WALL MOUNTED FIRE EXTINGUISHER

A/A0 SCALE: 3" = 1'-0"



NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

25 HOOK

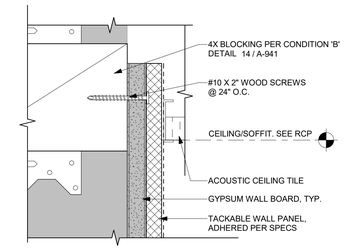
A/A0 SCALE: 3" = 1'-0"

AT CEILINGS/SOFFITS

NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

11 TACKABLE WALL PANEL @ CEILING

A/A0 SCALE: 6" = 1'-0"

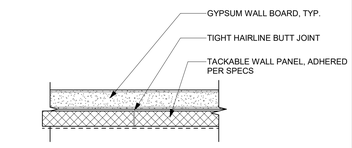


AT SUSPENDED CEILINGS/SOFFITS

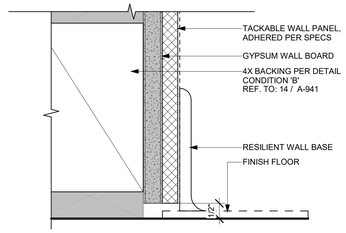
NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

12 TACKABLE WALL PANEL @ CEILING

A/A0 SCALE: 6" = 1'-0"



INTERMEDIATE JOINT

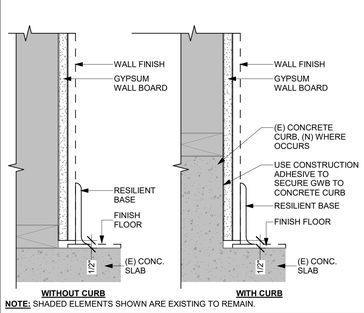


BASE

NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

14 TACKABLE WALL PANEL BASE & JOINT

A/A0 SCALE: 6" = 1'-0"

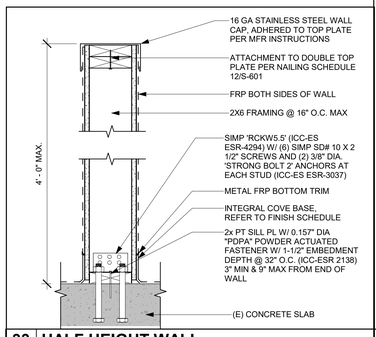


WITHOUT CURB **WITH CURB**

NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

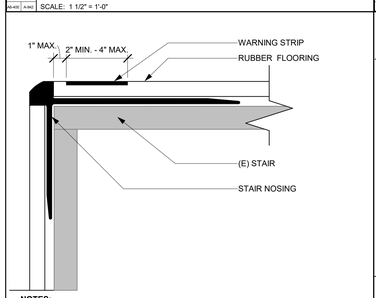
15 GWB TERMINATION AND BASE

A/A0 SCALE: 3" = 1'-0"



33 HALF HEIGHT WALL

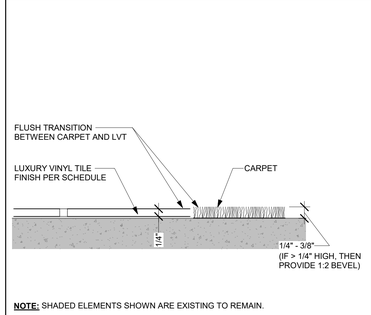
A6.05 A/A0 SCALE: 1 1/2" = 1'-0"



NOTES:
SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.
REFER TO MATERIALS SCHEDULE.
REFER TO DETAIL REF. TO: 32 / A-901

34 LVT STAIR NOSING STRIP

A6.01 A/A0 SCALE: 6" = 1'-0"



NOTE: SHADED ELEMENTS SHOWN ARE EXISTING TO REMAIN.

35 CARPET TO LVT TRANSITION

A/A0 SCALE: 6" = 1'-0"

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CHECKED BY JH/PC/AW
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET A-942

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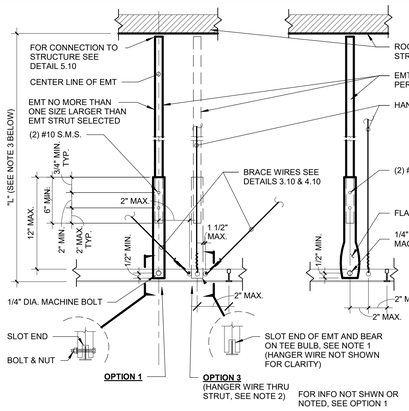


OPTION 1 & 3 **OPTION 2**

NOTES:
1. MACHINE BOLT IS NOT REQUIRED ON OPTION 3.
2. OPTION 3 IS PERMITTED ONLY WHERE THE ROOF OR FLOOR STRUCTURE IS SAWN TIMBER WITHOUT GYPSUM BOARD.
3. DIMENSION "L" SHALL NOT TO EXCEED THE ALLOWABLE LENGTH GIVEN IN THE TABLE ON 3.21/A-705 FOR THE COMPRESSION STRUT USED

3.20 COMPRESSION STRUT - EMT TYPE

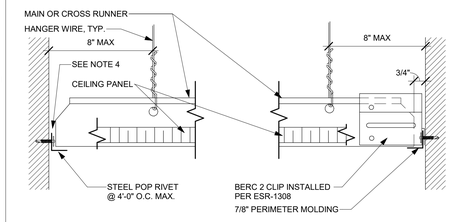
A301 SCALE: 1 1/2" = 1'-0"

COMPRESSION STRUT EMT SECTION	MAXIMUM LENGTH
1/2" DIAMETER EMT (0.042" WALL THICKNESS)	3' - 11"
3/4" DIAMETER EMT (0.049" WALL THICKNESS)	6' - 4"
1" DIAMETER EMT (0.057" WALL THICKNESS)	9' - 9"
1 1/4" DIAMETER EMT (0.065" WALL THICKNESS)	12' - 9"
1 1/2" DIAMETER EMT (0.065" WALL THICKNESS)	14' - 9"
2" DIAMETER EMT (0.065" WALL THICKNESS)	18' - 10"

COMPRESSION STRUT CHANNEL SECTION	MAXIMUM LENGTH
250S125-33	5' - 10"
250S137-33	6' - 10"
362S137-33	8' - 0"
250S137-43	8' - 10"
400S137-43	10' - 10"

3.21 COMPRESSION STRUT TABLE

A301 SCALE: 12" = 1'-0"



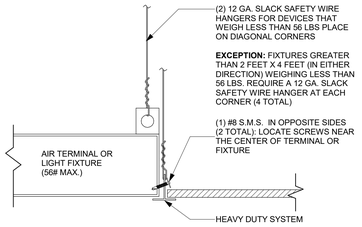
ATTACHED JOINT FREE JOINT

NOTES:
1. PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
2. FASTEN ANGLE TO WALL STUD OR BLOCKING AS FOLLOWS:
   A. METAL STUD (20 GA. MIN.) WALL: (1) #10 SMS AT 24" O.C. MAX.
   B. WOOD STUD WALL: #10x2" LONG WOOD SCREW AT 16" O.C. MAX.

DETAIL UPDATED WITH PROPRIETARY "BERC-2 CLIPS"

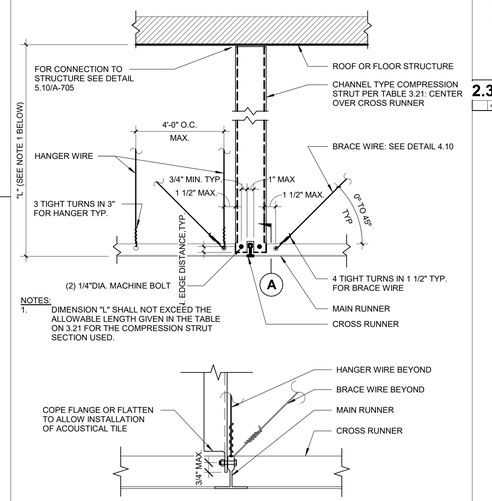
2.60 CEILING PERIMETER

A301 SCALE: 3" = 1'-0"



2.80 LUMINAIRE/AIR TERMINAL SUPPORT

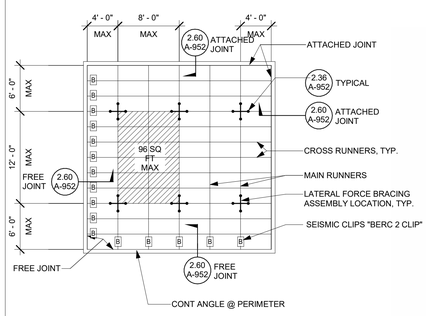
A301 SCALE: 3" = 1'-0"



NOTES:
1. DIMENSION "L" SHALL NOT EXCEED THE ALLOWABLE LENGTH GIVEN IN THE TABLE ON 3.21 FOR THE COMPRESSION STRUT SECTION USED.

3.10 COMPRESSION STRUT - CHANNEL TYPE

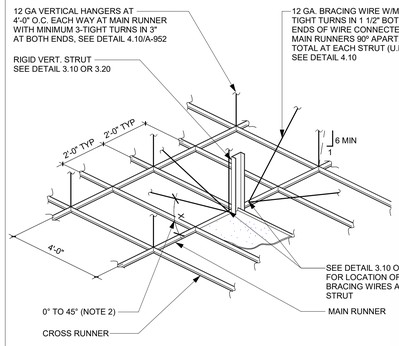
A301 SCALE: 1 1/2" = 1'-0"



NOTE:
BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 96 SQ. FT. MAX. IN ROOMS OVER 144 SQ. FT.

2.11 TYP. CLG. PLAN-8'X12' BRACE ASSEM. SPACING

A301 SCALE: 1/8" = 1'-0"



NOTES:
1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH THAT THE WIRES DO NOT INTERFERE WITH THE RUNNERS, LIGHT FIXTURES, ETC. AND REMAIN STRAIGHT AND UNOBSTRUCTED.

2.36 SUSPENSION & LATERAL BRACING ASSEMBLY

A301 SCALE: 3" = 1'-0"

REVISED 01/17/25

SUSPENDED CEILING NOTES

IR 25-2
SUSPENDED LAY-IN PANEL CEILING: 2022 CBC

1. CEILING SYSTEM GENERAL NOTES

1.01 Ceiling system components shall comply with ASTM C635 and Section 5.1 of ASTM E580.

1.02 The ceiling grid system shall be rated heavy duty as defined by ASTM C635.

1.03 Ceiling systems. The following ceiling system(s) is/are part of the scope of this project:

Manufacturer:	ARMSTRONG
Product Name:	PRELUDE XL WITH SEISMIC RX SUSPENSION SYSTEM
Evaluation Report Number:	ICC ESR 1308
Main Runner Part, Model, or Catalog Number:	7301
Cross Runner Part, Model, or Catalog Number:	XL7341

1.04 Seismic Wall Clip:

Manufacturer's Model:	BERC 2 CLIP

1.05 Ceiling panels shall not support any luminaires, air terminals, or devices.

1.06 For acoustical tile panels of any material other than mineral or glass fiber, a ¾" clearance shall be provided between the panel and the wall on the sides of the ceiling free to slip. Clearance between ceiling grid runners and walls shall comply with the details on these drawings regardless of ceiling tile material.

2. MATERIALS

2.01 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641. Wire shall be #12 gauge (0.105" diameter) with soft temper and minimum ultimate tensile strength = 70 ksi.

2.02 Galvanized sheet steel (including that used for metal stud compression struts) shall conform to ASTM A653, or other equivalent sheet steel listed in Section A3.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members, (AISI S100). Material 43 mil (18 gauge) thick and lighter shall have minimum yield strength of 33 ksi. Material 54 mil (16 gauge) thick and heavier shall have a minimum yield strength of 50 ksi.

2.03 Electrical metallic tube (EMT) shall conform to ANSI C80.3/UL 797 carbon steel with G90 galvanizing. EMT shall have minimum yield strength of 30 ksi and minimum ultimate strength of 48 ksi.

3. ATTACHMENT OF HANGER AND BRACING WIRES

3.01 All ceiling hanger and bracing wires shall be separated at least 6 inches from all unbraced ducts, pipes, conduit, etc.

3.02 Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to piping, ductwork, conduit, and equipment.

3.03 Hanger wires that are more than one (horizontal) in six (vertical) out of plumb shall have counter-sloping wires.

IR 25-2
SUSPENDED LAY-IN PANEL CEILING: 2022 CBC

3.04 Slack safety wires shall be considered hanger wires for installation and testing requirements.

3.05 Hanger and bracing wire anchorage to the structure shall be installed such that the direction of the anchorage aligns with the direction of the wire. Bracing wire ceiling clips shall be bent as shown in the details and rotated as required to align with the direction of the wire. Screws in wood shall be installed to align with the direction of the wire.

4. FASTENERS AND WELDING

4.01 Sheet metal screws shall comply with ASTM C1513 and ASME B18.6.3. Penetration of screws through joined material shall not be less than three exposed threads.

4.02 ~~Expansion anchors shall be:~~ ***[DP to specify manufacturer, product, evaluation report number, and test load for each size specified per CBC 1910A.5.4.]***

4.03 ~~Power-Actuated Fasteners shall be:~~ ***[DP to specify manufacturer, product, evaluation report number.]***

4.04 If not otherwise specified in the evaluation report, power-actuated fasteners installed in steel shall be installed so the entire pointed end of the fastener is driven through the steel member.

4.05 Power-actuated fasteners in concrete or masonry are not permitted for bracing wires.

4.06 Concrete reinforcement and prestressing tendons shall be located by non-destructive means prior to installing post-installed anchors.

4.07 Welding shall be in accordance with AWS D1.3 using E60XX series electrodes.

5. TESTING

5.01 All field testing shall be performed in the presence of the project inspector.

5.02 Post-installed anchors in concrete used to support hanger wires shall be tested at a frequency of 10 percent. Power-actuated fasteners in concrete shall be field tested for 200 pounds in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1910A.5.

5.03 Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent and in accordance with CBC Section 1910A.5.

6. LUMINAIRES

6.01 All luminaires shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the luminaire. A minimum of two screws or approved fasteners are required at each luminaire per ASTM E580 Section 5.3.1.

6.02 Surface-mounted luminaires shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting ceiling runner and be made of steel with a minimum thickness of #14 gauge. Rotational spring catches are not permitted. A #12 gauge slack safety wire shall be connected from each clamping device to the structure above. Additional supports shall be provided when a luminaire is 8 feet or longer or exceeds 56 pounds. Maximum spacing between supports shall not exceed 8 feet.

IR 25-2
SUSPENDED LAY-IN PANEL CEILING: 2022 CBC

6.03 Luminaires weighing less than or equal to 10 pounds supported directly on the ceiling runners shall have a minimum of one #12 gauge slack safety wire connected from the fixture housing to the structure above.

6.04 Luminaires weighing greater than 10 pounds but less than or equal to 56 pounds supported directly on the ceiling runners shall have a minimum of two #12 gauge slack safety wires connected from the fixture housing at diagonal corners to the structure above.

Exception: All luminaires greater than two by four feet weighing less than 56 pounds shall have a #12 gauge slack safety wire at each corner.

6.05 All luminaires weighing greater than 56 pounds shall be independently supported from the structure above. See support details on these drawings for more information.

7. SERVICES WITHIN THE CEILING

7.01 All flexible sprinkler hose fitting mounting brackets, ceiling-mounted air terminals, or other services shall be positively attached to the ceiling suspension systems by mechanical means. Screws or other fasteners specified on the drawings are required. A minimum of two attachments are required at each component.

7.02 Ceiling-mounted services weighing less than or equal to 20 pounds shall have one #12 gauge slack safety wire attached from the terminal or service to the structure above.

7.03 Ceiling-mounted services weighing more than 20 pounds but less than or equal to 56 pounds shall have two #12 gauge slack safety wires (at diagonal corners) connected from the terminal or service to the structure above.

7.04 Ceiling-mounted services weighing more than 56 pounds shall be independently supported from the structure above. See support details on these drawings for more information.

8. OTHER DEVICES WITHIN THE CEILING

8.01 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. Devices weighing more than 10 pounds shall have a #12 gauge slack safety wire anchored to the structure above. Devices weighing more than 20 pounds shall be independently supported from the structure above.

Detail Title:	REV: 09/21/2015	Detail No.
CEILING NOTES	REV: 03/2022	1.00
	REV: 11/2023	

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CONSULTANT

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
SUSPENDED CEILING DETAILS

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1		
2		
3		
4		
5		
6		

PROJECT MANAGER: JH
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DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: A-951

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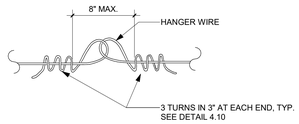
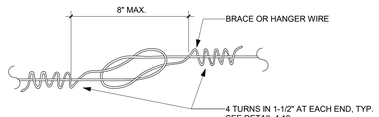


HANGER WIRE ONLY

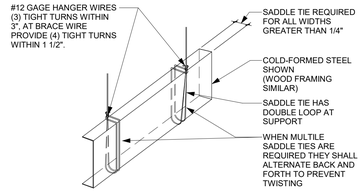


HANGER OR BRACE WIRE

NOTES:
1. WIRE SPLICES ARE SHOWN LOOSELY TIED FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE DRAWN TIGHT TO COMPLETE INSTALLATION WHEN CONSTRUCTED.
2. WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION WITHIN THE LOOPS.
3. EACH HANGER AND BRACE WIRE SHALL BE SPLICED NO MORE THAN ONCE ALONG ITS LENGTH.

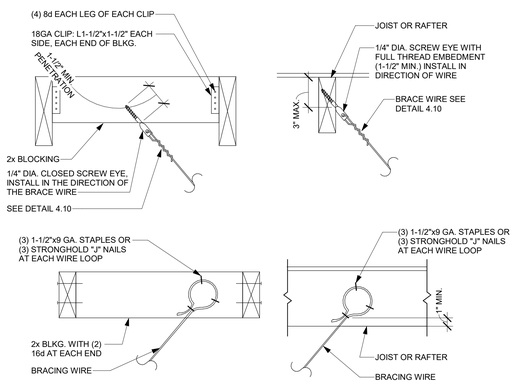
6.10 CEILING WIRE SPLICES

A/6D SCALE: 3" = 1'-0"



4.29 TYPICAL SADDLE TIE DETAIL

A/6D SCALE: 3" = 1'-0"



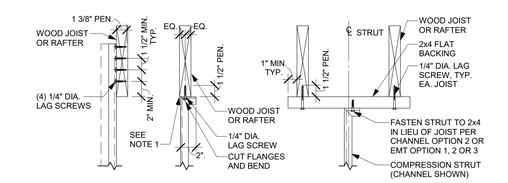
4.35 BRACE WIRE CONNECTION TO SAWN TIMBER

A/6D SCALE: 1 1/2" = 1'-0"

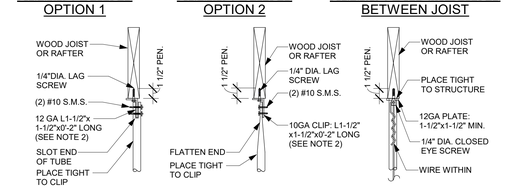
STRUCTURAL SYSTEM OF FLOOR/ ROOF ABOVE SUSPENDED CEILING	APPLICABLE DETAIL
BARE METAL DECK	N/A
CONCRETE OVER METAL DECK	N/A
CONCRETE SLAB, BEAM, OR JOIST	N/A
STRUCTURAL STEEL	N/A
SAWN TIMBER WITH GYPSUM BOARD	N/A
SAWN TIMBER WITHOUT GYPSUM BOARD	5.51/A-951
WOOD I-JOIST	N/A

5.10 COMPRESSION STRUT CONNECTION TABLE

A/6D SCALE: 12" = 1'-0"



CHANNEL STRUT: OPTION 1 | CHANNEL STRUT: OPTION 2 | CHANNEL OR EMT STRUT: BETWEEN JOIST

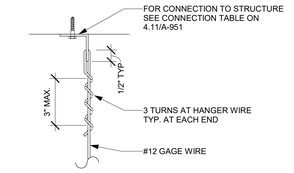


EMT STRUT: **OPTION 1** | EMT STRUT: OPTION 2 | EMT STRUT: OPTION 3

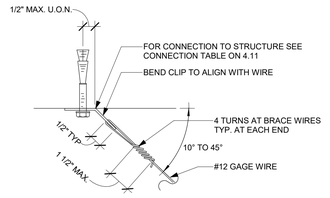
NOTES:
1. WEB OF CHANNEL TO BEAR WITHIN WIDTH OF WOOD MEMBER.
2. VERTICAL LEG OF MEMBER TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
3. SEE DETAIL 5.50 FOR ADDITIONAL INFORMATION.
4. PEN. = MINIMUM PENETRATION OF LAG SCREW THREADS INTO THE WOOD MEMBER.
5. NO. 14 WOOD SCREW MAY BE USED IN LIEU OF 1/4" LAG SCREW.

5.51 STRUT CONNECTION TO SAWN TIMBER WITHOUT GYP.

A/6D SCALE: 1 1/2" = 1'-0"



HANGER WIRE



BRACE WIRE

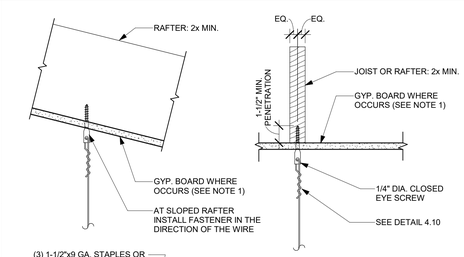
4.10 HGR. & BRACE WIRE CONN. - TYP. WIRE TURNS

A/6D SCALE: 3" = 1'-0"

STRUCTURAL SYSTEM OF FLOOR/ ROOF ABOVE SUSPENDED CEILING	APPLICABLE HANGER WIRE DETAIL	APPLICABLE BRACE WIRE DETAIL
BARE METAL DECK	N/A	N/A
CONCRETE OVER METAL DECK	N/A	N/A
CONCRETE SLAB, BEAM, OR JOIST	N/A	N/A
STRUCTURAL STEEL	N/A	N/A
METAL STUD WALL	N/A	N/A
SAWN TIMBER	4.25/A-951 4.29/A-952	4.35/A-951
WOOD I-JOIST	N/A	N/A
WOOD CHORD TRUSS	N/A	N/A
OPEN WEB STEEL JOIST	N/A	N/A

4.11 HANGER & BRACE WIRE CONN. TABLE

A/6D SCALE: 12" = 1'-0"



NOTES:
1. WHEN FIRE RATED GYP. BOARD IS INSTALLED ON THE BOTTOM FLANGES, USE SCREW EYES W/ SUFFICIENT LENGTH TO AVOID DAMAGING THE FIRE RATED GYP. BOARD AND MEET MIN. PENETRATION.

4.25 HANGER WIRE CONNECTION TO SAWN TIMBER

A/6D SCALE: 1 1/2" = 1'-0"

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SHEET: A-952

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SYMBOLS

DETAIL REFERENCE BUBBLE WITH LEADER

DETAIL REFERENCE BUBBLE

FULL HEIGHT SECTION INDICATOR

ELEVATION OF WALL OR FRAME

NORTH ARROW

BOT OF EL = (X'-X")

TOP/BOTTOM OF ELEVATIONS

SLOPE

WELDED WIRE FABRIC (WWF LAYER)

STEPPED SURFACE: FLOOR DEPRESSION

SLOPED SURFACE

STEPPED FOOTING

BOTTOM STEPPED FOOTING

INDICATES SHEAR WALL TYPE AND LENGTH, PER SHEAR WALL SCHEDULE

INDICATES SPAN AND DIRECTION OF PREFABRICATED ROOF TRUSS (BY OTHERS)

INDICATES SPAN AND DIRECTION OF ROOF RAFTER OR FLOOR JOIST WITH WEB STIFFENER

INDICATES SPAN AND DIRECTION OF ROOF RAFTER OR FLOOR JOIST

INDICATES EXTENTS OF FRAMING OR OTHER STRUCTURAL ELEMENT

INDICATES HEADER @ OPENING PER HEADER SCHEDULE

EARTH LAYER

INDICATES SAND OR GROUT

INDICATES GRAVEL

STEEL IN CROSS SECTION

INDICATES BEARING WALL

SHADED AREA INDICATES CALIFORNIA FRAMING

SHADED AREA INDICATES FOOTPRINT OF FLOOR ABOVE

STEEL HSS TUBE COLUMN

STEEL HSS OR PIPE COLUMN

WIDE FLANGE STEEL COLUMN

WOOD POST

INDICATES TOP PLATE SPLICE NAILING PER SCHEDULE

INDICATES SHEAR WALL STRAP / HOLDOWN TYPE PER SCHEDULE

INDICATES PAD FOOTING TYPE PER SCHEDULE

INDICATES FOOTING TYPE PER SCHEDULE

ANGLE BRACE

DOUBLE ANGLE BRACE

DRAG STRUT CONNECTION

FULL HEIGHT STIFFENER CONNECTION

MOMENT CONNECTION

MEMBER SPLICE

TOP OF STEEL ± ELEVATION

NUMBER OF EVENLY SPACED SHEAR STUDS

SPECIAL STUD SPACING SEE TYPICAL STEEL DETAILS

BEAM CAMBER AT MID-SPAN

WALL TYPES

INDICATES PLYWOOD SIDE FOR SHEARWALL

INDICATES BEARING WOOD WALL BELOW

INDICATES BEARING WOOD WALL ABOVE

INDICATES NON-BEARING WOOD WALL BELOW

INDICATES NON-BEARING WOOD WALL ABOVE

INDICATES EXISTING BEARING WOOD WALL

INDICATES EXISTING NON-BEARING WOOD WALL

INDICATES BEARING CMU WALL BELOW

INDICATES BEARING CMU WALL ABOVE

INDICATES NON-BEARING CMU WALL BELOW

INDICATES NON-BEARING CMU WALL ABOVE

INDICATES EXISTING BEARING CMU WALL

INDICATES EXISTING NON-BEARING CMU WALL

INDICATES BEARING CONCRETE WALL BELOW

INDICATES BEARING CONCRETE WALL ABOVE

INDICATES NON-BEARING CONCRETE WALL BELOW

INDICATES NON-BEARING CONCRETE WALL ABOVE

INDICATES EXISTING BEARING CONCRETE WALL

INDICATES EXISTING NON-BEARING CONCRETE WALL

SHEET INDEX

S-101	SHEET INDEX, ABBREVIATIONS & SYMBOLS
S-102	GENERAL NOTES
S-103	SPECIAL INSPECTION & TESTS
S-201	BUILDING 600 ROOF FRAMING PLAN
S-601	TYPICAL WOOD DETAILS
S-611	WOOD DETAILS

ABBREVIATIONS

A & B	ABOVE AND BELOW
AB	ANCHOR BOLT
ABV	ABOVE
ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
ADJ	ADJACENT
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ALUM	ALUMINUM
ANCH	ANCHOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	ENGINEERED WOOD ASSOCIATION (FORMERLY THE AMERICAN PLYWOOD ASSOCIATION)
APPVD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL; ARCHITECT
AWPA	AMERICAN WOOD PRESERVERS ASSOCIATION
AWS	AMERICAN WELDING SOCIETY
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
BEL	BELOW
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BN	BOUNDARY NAIL
BOT OR B	BOTTOM
BRC	BRACE
BRG	BEARING
BTWN	BETWEEN
CANT	CANTILEVER
CAM OR C	CAMBER
CC	CENTER TO CENTER
CG	CENTER OF GRAVITY
CIP	CAST-IN-PLACE
CJ	CONSTRUCTION JOINT; CONTROL JOINT
CL	CENTER LINE
CLR	CLEARANCE; CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMP	COMPRESSION
CONC	CONCRETE
CONN	CONNECTION; CONNECT
CONSTR	CONSTRUCTION
CONT	CONTINUE; CONTINUOUS
CONTR	CONTRACTOR
CJP	COMPLETE JOINT PENETRATION WELD
CTR	CENTER
CTSK	COUNTERSINK; COUNTERSUNK

CU FT	CUBIC FOOT
d	PENNY (NAIL OR BAR DIA)
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL
DF	DOUGLAS FIR/LARCH
DIA OR Ø	DIAMETER
DIAG	DIAGONAL
DIAPH	DIAPHRAGM
DIM	DIMENSION
DN	DOWN
DO	DO OVER
DWG	DRAWING
DWL	DOWEL
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMBED	EMBEDMENT
EN	EDGE NAIL
ENGR	ENGINEER
EQ	EQUAL OR EQUIVALENT
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EXIST or (E)	EXISTING
EXT	EXTERIOR
FDN	FOUNDATION
FIN	FINISH
FJ	FLOOR JOIST
FLG	FLANGE
FLR	FLOOR
FN	FIELD NAIL
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOW	FACE OF WALL
FRMG	FRAMING
FT	FOOT; FEET
FTA	FLOOR TIE ABOVE
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GLB	GLUED LAMINATED BEAM
GR	GRADE
GRND	GROUND

H or HORIZ	HORIZONTAL
HDR	HEADER
HGR	HANGER
HP	HIGH POINT
HSH	HORIZONTALLY SLOTTED HOLES
HT	HEIGHT
ID	INSIDE DIAMETER
IF	INSIDE FACE
I-JST	I-JOIST
IN	INCH
INCL	INCLUDE
INFO	INFORMATION
INSP	INSPECTION
INT	INTERIOR
JST	JOIST
JT	JOINT
K	KIPS
KS	KING STUD
KP	KING POST
KSI	KIPS PER SQUARE INCH
LB(S) OR #	POUND(S)
LF	LINEAL FOOT
LIN	LINEAL; LINEAR
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
LSH	LONG SLOTTED HOLES
LSL	LAMINATED STRAND LUMBER
LT WT	LIGHTWEIGHT
LVL	LEVEL OR LAMINATED VENEER LUMBER
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM; MINUTE
MISC	MISCELLANEOUS
(N)	NEW
N	NORTH
NO or #	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
ORIG	ORIGINAL

OSB	ORIENTED STRAND BOARD
P/A	POST ABOVE
PARA OR //	PARALLEL
PC	PRECAST; PIECE
PERP	PERPENDICULAR
PI	PLYWOOD INDEX
PL OR P'L.	PLATE
PL	PROPERTY LINE
PLF	POUNDS PER LINEAL FOOT
PLCS	PLACES
PLY	PLYWOOD
PROP	PROPERTY
PT	PRESSURE TREATED
PW	PLATE WASHER
PJP	PARTIAL JOINT PENETRATION WELD
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
PVMT	PAVEMENT
#	POUND; NUMBER
REF	REFERENCE
REINF	REINFORCE; REINFORCING
REQD	REQUIRED
RF	ROOF
RR	ROOF RAFTER
Ø	ROUND; DIAMETER
SCHED	SCHEDULE
SECT	SECTION
SEP	SEPARATION
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SOG	SLAB ON GRADE
SN	SHEAR NAIL
SPCG	SPACING
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
SSL	SHORT SLOTTED HOLES
STD	STANDARD
STGR	STAGGER
STIFF	STIFFENERS
STIRR	STIRRUP
STL	STEEL
STRUCT	STRUCTURAL
SW	SHEAR WALL
SYM	SYMMETRICAL

TB	TIE BEAM
T & B	TOP AND BOTTOM
T & G	TONGUE & GROOVE
TO	TOP OF
TOC	TOP OF CURB; TOP OF CONCRETE
TOF	TOP OF FOOTING
TEMP	TEMPERATURE; TEMPORARY
THRU	THROUGH
THK	THICKNESS/THICK
THR	THREADED
TOP or T	TOP
TOS	TOP OF STEEL/TOP OF SLAB
TOW	TOP OF WALL
TS	TRIMMER STUD
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UT	ULTRA-SONIC TEST
VERT	VERTICAL
VSH	VERTICAL SLOTTED HOLES
W/	WITH
W/O	WITHOUT
WO	WHERE OCCURS
WD	WOOD
WP	WORK POINT; WATERPROOF
WWF	WELDED WIRE FABRIC

STRUCTURAL STEEL SHAPES

W	W SHAPE
C	AMERICAN STD CHANNEL SHAPE
MC	MISC CHANNEL SHAPE
L	ANGLE SHAPE
WT, ST, MT	STRUCT TEE SHAPE
PIPE	STANDARD PIPE SHAPE
PIPE-X	EXTRA STRONG PIPE SHAPE
PIPE-XX	DBL EXTRA STRONG PIPE SHAPE
HSS	HOLLOW STRUCTURAL SECTION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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SHEET INDEX, ABBREVIATIONS & SYMBOLS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: J. MEADOWS
DRAWN BY: C. PRESSLER
CHECKED BY: J. MEADOWS
DATE: 02/11/2026
PROJECT NUMBER: 0100-06-ED24
SHEET: S-101

DSA SUBMITTAL

N:\0001\01\00-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Structural\ConDocs\Sheet-Files\01\00-06-ED24 - S101.dwg, S101, Feb 11, 2026, 2:09pm, CPressler

WOOD STRUCTURAL PANELS (SHEATHING)

1. WOOD STRUCTURAL PANELS SHALL MEET THE FOLLOWING MINIMUM STANDARDS EXCEPT WHERE OTHERWISE NOTED:

WOOD STRUCTURAL PANEL PROPERTIES							
USE	PLY	BOND CLASSIFICATION[C]	SHEATHING GRADE	PERFORMANCE RATING	SPAN RATING	RATING[B]	REFERENCE[A]
ROOF	5	EXPOSURE 1	REFER TO TYPICAL DIAPHRAGM SCHEDULE			APA	2022 CBC 2303.1.5 (DOC PS 1-19 OR PS 2-18)
FLOOR	5	EXPOSURE 1				APA	
WALL[D]	5	EXPOSURE 1	REFER TO TYPICAL SHEAR WALL SCHEDULE			APA	

TABLE NOTES:

A. WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS FOR THEIR TYPE IN ACCORDANCE WITH THE FOLLOWING VOLUNTARY STANDARDS BY THE ENGINEERED WOOD ASSOCIATION (APA):
   a. VOLUNTARY PRODUCT STANDARD, STRUCTURAL PLYWOOD, PS 1-09
   b. VOLUNTARY PRODUCT STANDARD, PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS, PS 2-10

B. WOOD STRUCTURAL PANELS SHALL BE IDENTIFIED BY THE APA TRADEMARK INDICATING CONFORMANCE TO THE APPLICABLE VOLUNTARY STANDARD

C. WHERE PANELS ARE EXPOSED TO REPEATED WETTING AND REDRYING, LONG-TERM EXPOSURE TO WEATHER, OR CONDITIONS OF SIMILAR SEVERITY, "EXTERIOR" APA RATED PLYWOOD SHEATHING SHALL BE USED. C-D "EXPOSURE 1" APA RATED PLYWOOD SHEATHING (CDX) SHALL NOT BE USED FOR CONDITIONS INVOLVING LONG-TERM EXPOSURE TO WEATHER.
   a. EXCEPTION: WOOD STRUCTURAL PANEL ROOF SHEATHING EXPOSED TO THE OUTDOORS ON THE UNDERSIDE IS PERMITTED TO BE "EXPOSURE 1" TYPE.
   b. WOOD STRUCTURAL PANELS TO BE USED AS SIDING SHALL COMPLY WITH ANSI/APA PRP-210.

2. TRANSPORTATION, STORAGE, AND HANDLING:

A. TRANSPORTATION
   a. IN TRANSPORTING PANELS ON OPEN TRUCK BEDS, COVER THE BUNDLES WITH A TARP.

B. STORAGE
   a. ALWAYS STORE THE PANELS UNDER COVER WHENEVER POSSIBLE
   b. WHEN STORING PANELS OUTSIDE STACK THEM ON A LEVEL SURFACE ON TOP OF STRINGERS OR OTHER BLOCKING, THREE STRINGERS MINIMUM.
   c. NEVER LEAVE PANELS IN CONTACT WITH THE GROUND
   d. COVER THE STACK WITH A PLASTIC TARP, ENSURING THAT THE BUNDLE IS WELL VENTILATED TO PREVENT MILDEW.
   e. IF MOISTURE ABSORPTION IS EXPECTED, CUT THE STEEL BAND TO PREVENT DAMAGE
   f. KEEP SANDED OR OTHER APPEARANCE GRADE PANELS AWAY FROM HIGH TRAFFIC AREAS

C. HANDLING
   a. ALWAYS PROTECT ENDS AND EDGES, ESPECIALLY TONGUE AND GROOVE PRODUCTS, FROM PHYSICAL DAMAGE.
   b. ACCLIMATIZE THE PANELS FOR 24 HOURS MINIMUM BEFORE INSTALLATION BY STANDING THE PANELS ON EDGE WITH A GAP BETWEEN EACH TO ALLOW FOR AIR CIRCULATION OR PER MANUFACTURER'S RECOMMENDATIONS.

3. PLYWOOD ORIENTATION

A. ROOF AND FLOOR SHEATHING SHALL BE LAID WITH THE GRAIN OF THE OUTER PLIES PERPENDICULAR TO THE FRAMING MEMBERS, SHALL BE CONTINUOUS OVER 2 JOIST BAYS MINIMUM AND END JOINTS SHALL BE JOINED OVER FRAMING AND STAGGERED. LEAVE A 1/8" GAP BETWEEN PANELS TO ALLOW FOR PANEL EXPANSION UNLESS RECOMMENDED OTHERWISE BY THE PANEL MANUF. REFER TO SPECIFIC DETAILS IN THE DRAWINGS FOR FURTHER PARAMETERS.

B. PLYWOOD WALL SHEATHING MAY BE APPLIED VERTICALLY OR HORIZONTALLY. ALL END JOINTS BE JOINED OVER FRAMING AND STAGGERED.

4. BLOCKING:

A. ROOF: ALL ROOF SHEATHING SHALL BE BLOCKED UNLESS SPECIFICALLY ALLOWED ON PLANS. WHERE PERMITTED TO BE UNBLOCKED, ALL UNBLOCKED EDGES SHALL BE TONGUE AND GROOVE.

B. ALL FLOOR SHEATHING SHALL BE BLOCKED UNLESS SPECIFICALLY ALLOWED ON PLANS. WHERE PERMITTED TO BE UNBLOCKED, ALL UNBLOCKED EDGES SHALL BE TONGUE AND GROOVE.

C. WALLS: ALL SHEAR WALLS SHALL BE FULLY BLOCKED AT PLYWOOD EDGES.

5. FASTENERS

A. USE SHEATHING NAILS SAME GAUGE AS COMMON WIRE NAILS WITH LENGTHS AT LEAST EQUAL TO SHEATHING THICKNESS PLUS REQUIRED PENETRATION PER AWS SDPWS TABLE 4.2A OR 4.3A (AS REQUIRED).

B. EQUIVALENT PNEUMATIC DRIVE NAILS MAY BE USED IF FASTENER MANUFACTURER HAS RECEIVED ICC OR IAPMO APPROVAL FOR THE INTENDED US. FASTENERS TO BE SUBSTITUTED SHALL BE EQUIVALENT IN LATERAL AND WITHDRAWAL STRENGTH TO THE SIZE OF COMMON NAIL SPECIFIED.

C. USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOB SITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL BY THE PROJECT ARCHITECT OR STRUCTURAL ENGINEER. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. MACHINE NAILING WILL NOT BE APPROVED IN 5/16" PLYWOOD OR OSB SHEATHING. IF NAIL HEADS PENETRATE THE OUTER PLY MORE T HAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

D. TYPICAL NAILING SHALL BE 10d AT 6" O.C. AT ALL SUPPORTED EDGES AND OVER SHEAR WALLS, AND 10D AT 12" O.C. AT ALL INTERMEDIATE SUPPORTS, UNLESS OTHERWISE NOTED. SEE PLANS AND REFER TO SHEAR WALL SCHEDULE.

SAWN LUMBER

1. FRAMING LUMBER SHALL MEET THE FOLLOWING MINIMUM STANDARDS EXCEPT WHERE OTHERWISE NOTED:

SAWN LUMBER PROPERTIES				
USE	SIZE	SPECIES	GRADE	REFERENCE
MUDSILLS	2x4	D.F.	STANDARD OR BETTER PRESSURE TREATED	2022 CBC 2303.1.9
	2x6 AND LARGER	D.F.	NO. 2 OR BETTER PRESSURE TREATED	
	2x	REDWOOD	FOUNDATION GRADE	
HORIZONTAL FRAMING LUMBER				
ROOF JOISTS AND RAFTERS	2x	D.F.	NO. 1	WCLIB & WWPA
FLOOR JOISTS	2x	D.F.	NO. 1	
HEADERS AND BEAMS	4x	D.F.	NO. 1	
ANY OTHER HORIZONTAL	4x4 AND SMALLER	D.F.	NO. 1	
	6x6 AND LARGER	D.F.	NO. 1	
VERTICAL FRAMING LUMBER				
TOP PLATES	2x	D.F.	NO. 2	WCLIB & WWPA
STUDS	2x4 & 3x4	D.F.	NO. 2	
	2x6 & 2x8	D.F.	NO. 1	
POSTS	4x4 & 4x6 POSTS	D.F.	NO. 2	
	6x6 & LARGER POSTS	D.F.	NO. 1	
ALL OTHER FRAMING LUMBER				
ALL OTHER FRAMING LUMBER, UNO	ALL SIZES	D.F.	STANDARD & BETTER	WCLIB & WWPA

2. FLOOR JOISTS SHALL BE GRADE STAMPED "S-DRY" WHICH INDICATES A MOISTURE CONTENT NOT EXCEEDING 19 PERCENT.

3. ALL SOLE PLATES AND TOP PLATES SHALL BE GRADE STAMPED "KD" WHICH INDICATES KILN DRIED WITH A MOISTURE CONTENT NOT EXCEEDING 15 PERCENT AT BUILDINGS WITH 4 OR MORE STORIES.

4. STUD WALLS SHOWN ON PLANS ARE NONBEARING PARTITIONS WALLS, BEARING WALLS OR SHEAR WALLS BELOW THE FRAMING LEVEL, UNLESS NOTED OTHERWISE. STUDS SHALL BE SIZE AND SPACING AS NOTED IN THE DRAWINGS, SEE PLANS AND ARCHITECTURAL DRAWINGS, UNLESS OTHERWISE NOTED.

5. MINIMUM FRAMING NAILING SHALL CONFORM TO CBC TABLE 2304.10.2. ALL NAILS SHALL BE COMMON WIRE NAILS. PRE-DRILL NAIL HOLES TO 70% OF NAIL SHANK DIAMETER WHERE NAILING TENDS TO SPLIT WOOD.
   COMMON NAIL SIZES:
   16d COMMON: 0.162" Ø x 3½"
   10d COMMON: 0.148" Ø x 3"
   8d COMMON: 0.131" Ø x 2½"

6. UNLESS OTHERWISE NOTED, ALL WOOD SILL PLATES UNDER BEARING, EXTERIOR, OR SHEAR WALLS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE BOLTED TO THE CONCRETE OR MASONRY WITH 5/8" Ø X 12" BOLTS W/ 0.229" X 3" X 3" PLATE WASHER (GALV) AT 4'-0" O.C., BEGINNING AT 9" O.C. MAXIMUM FROM EACH END OF THE PLATES. THE BOLTS SHALL EXTEND A MINIMUM OF 7" INTO THE CONCRETE OR MASONRY. (POWDER DRIVEN PINS AT 1/3 OF THE BOLT SPACING OR 24" O.C. MAXIMUM MAY BE SUBSTITUTED FOR THE ANCHOR BOLTS AT INTERIOR NON-SHEAR WALLS ONLY).

7. PRESERVATIVE TREATMENT:

A. WOOD MEMBERS SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH AITC 109-07, STANDARD FOR PRESERVATIVE TREATMENT, BASED ON THE SERVICE CONDITION PER THE USE CATEGORIES (UC#) SPECIFIED IN AWPA U1-20.
   a. UC1 - INTERIOR CONSTRUCTION, ABOVE GROUND, DRY - NO PRESERVATIVE TREATMENT REQUIRED.
   b. UC2 - INTERIOR CONSTRUCTION, ABOVE GROUND, WET - PRESERVATIVE TREATMENT REQUIRED IF THE HUMIDITY OR MOISTURE CONDENSATION IS 20% OR GREATER.
   c. UC3 - EXTERIOR CONSTRUCTION ABOVE GROUND - PRESERVATIVE TREATMENT REQUIRED.

B. FOR ALL TREATED WOOD MEMBERS, ALL CUTS, HOLES OR INJURIES SUCH AS ABRASIONS OR HOLES FROM REMOVAL NAILS AND SPIKES WHICH MAY PENETRATE THE TREATED ZONE SHALL BE FIELD TREATED IN ACCORDANCE WITH AWPA M4-15. THE FOLLOWING FIELD TREATMENTS SHALL BE USED:
   a. BORED HOLES: HOLES FOR CONNECTORS OR BOLTS MAY BE TREATED BY PUMPING COAL TAR ROOFING CEMENT MEETING ASTM D5643 INTO HOLES USING A GREASE GUN OR SIMILAR DEVICE.
   b. EXTERIOR: COPPER NAPHTHENATE.
   c. INTERIOR: INORGANIC BORATE PRESERVATIVES LIMITED TO USE IN APPLICATIONS NOT IN CONTACT WITH GROUND AND CONTINUOUSLY PROTECTED FROM LIQUID WATER.

C. ALL LUMBER IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED LUMBER WITH AWPA TREATMENT C2 USING EITHER ALKALINE QUAT (ACQ TYPE B AND D), COPPER AZOLE (CBA-A, CA-B), OR SODIUM BORATES (SBX). ANCHOR BOLTS, FASTENERS, AND METAL FRAMING CONNECTORS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE HOT-DIPPED GALVANIZED TO A RATING OF G-185 PER ASTM A653.

8. PROVIDE 2 STUDS UNDER ALL 4 X 10 AND LARGER BEAMS OR HEADERS AT SPANS 6 FEET OR LONGER, UNLESS OTHERWISE NOTED. WHERE POSTS OR MULTIPLE STUDS UNDER BEAMS OR HEADERS ARE CALLED FOR ON DRAWINGS THOSE POSTS OR MULTIPLE STUDS SHALL BE CARRIED TO THE FOUNDATION/PODIUM LEVEL.

9. PROVIDE THE FOLLOWING BLOCKING AS A MINIMUM, UNLESS SHOWN OTHERWISE:
   2x FULL DEPTH SOLID BLOCKING BETWEEN JOISTS OVER SUPPORT.
   2x FULL DEPTH SOLID BLOCKING BETWEEN JOISTS OVER AND BELOW PARTITION WALLS.

10. DOUBLE JOISTS UNDER PARTITIONS RUNNING PARALLEL TO JOISTS, UNLESS SUPPORTED BY A WALL BELOW OR SHOWN OTHERWISE. NAIL DOUBLED JOISTS WITH 16d AT 12" O.C., STAGGERED.

11. BRIDGING SHALL BE 2 X SOLID BLOCKS, INSTALLED AS FOLLOWS:
    ROOF JOISTS MORE THAN 10" DEPTH, 8'-0" O.C. MAXIMUM, NOT MORE THAN 8'-0" FROM SUPPORT.
    FLOOR JOISTS MORE THAN 10" DEPTH, 6'-0" O.C. MAXIMUM, NOT MORE THAN 8'-0" FROM SUPPORT.

12. JOIST HANGERS AND OTHER METAL FRAMING ACCESSORIES ARE REFERRED TO ON PLANS BY PARTICULAR TYPE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, STOCKTON, CALIFORNIA. ACCESSORIES OF OTHER MANUFACTURERS WITH EQUIVALENT LOAD CARRYING CHARACTERISTICS MAY BE USED WITH APPROVAL BY SEOR.

13. FIRE STOPPING, BACKING FOR INTERIOR FINISHES, NONBEARING WALLS, AND OTHER NON-STRUCTURAL FRAMING ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS.

HARDWARE AND CONNECTORS

GENERAL:
USE ALL SPECIFIED FASTENERS AS SPECIFIED ON PLANS. IF NOT INDICATED ON PLANS PROVIDE FASTENERS PER MFR'S APPROVED ICC-ESR REPORT OR PRODUCT LITERATURE

HOLDOWNS:
1. DO NOT OVER TIGHTEN NUTS ON TIE-DOWN ANCHOR RODS OR BOLTS. TIGHTEN ANCHOR ROD NUTS ONE-THIRD TO ONE HALF TURN BEYOND FINGER TIGHT
2. INSTALL ALL HOLDOWNS TIGHT TO END STUDS/POST. DO NOT USE FILLER BLOCKS. FOR MISALIGNED ANCHOR BOLTS, EXTEND THE ANCHOR ROD AT A 1:6 (HORIZ/VERT) USING A COUPLER WITH EQUIVALENT ANCHOR ROD AND INSTALL THE HOLDOWN HIGHER ON END STUD / POST
3. FOR HOLDOWNS THAT BOLT TO END POSTS, INSTALL THE HEAD OF THE BOLT TO THE BRACKET SIDE, AND ON THE SIDE OPPOSITE THE BRACKET. INSTALL A WASHER BETWEEN THE NUT AND THE STUD / POSTS

TIE DOWN & COLLECTOR STRAPS:
1. TIE DOWN AND COLLECTOR STRAPS SHALL BE INSTALLED STRAIGHT AND TRUE. DO NOT FOLD, BEND, KINK OR OTHERWISE ALTER CONNECTOR STRAPS
2. INSTALL TIE DOWN STRAPS DIRECT TO POST IN LIEU OF OVER SHEATHING. STRAPS MAY BE INSTALLED ON THE UNSHEATHED SIDE OF THE END STUDS / POSTS

FASTENERS:
1. MINIMUM FRAMING NAILING SHALL CONFORM TO CBC TABLE 2304.10.2 ALL NAILS SHALL BE COMMON WIRE NAILS. PREDRILL NAIL HOLES TO 70% OF NAILS SHANK DIAMETER WHERE NAILING TENDS TO SPLIT WOOD.
2. COMMON NAIL SIZES:
   16d COMMON: 0.162" Ø x 3½"
   10d COMMON: 0.148" Ø X 3"
   8d COMMON: 0.131" Ø X 2½"
3. AT SHEARWALL PLYWOOD NAILING, IT IS ACCEPTABLE TO USE 10d "SHORT" NAILS (0.148" x 2½" MIN)

FOUNDATION

1. GEOTECHNICAL INFORMATION AND FOUNDATION DESIGN IS BASED ON THE FOLLOWING GEOTECHNICAL REPORTS AND SUPPLEMENTS/ADDENDUMS. COPIES OF THE REPORTS AND SUPPLEMENTAL LETTERS SHALL BE AVAILABLE AT THE JOBSITE AT ALL TIMES.

REPORT/ADDENDUM TITLE	PREPARED BY	DATE	FILE No.
GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDS REPORT FOR C.L. SMITH ELEMENTARY SCHOOL OFFICE RENOVATION PROJECT 1375 BALBOA STREET, SAN LUIS OBISPO, CA	EARTH SYSTEMS PACIFIC	10/14/2016	SL-17824-SA
ALTERNATE RECOMMENDATIONS FOR PREPARATION AND BACKFILL OF SOILS TO SUPPORT FOUNDATIONS AND SLAB-ON-GRADE FOR C.L. SMITH ELEMENTARY SCHOOL 1375 BALBOA STREET, SAN LUIS OBISPO, CA	EARTH SYSTEMS PACIFIC	11/16/2017	SL-17824-TA
UPDATED GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDS REPORT FOR C.L. SMITH ELEMENTARY SCHOOL 1375 BALBOA STREET, SAN LUIS OBISPO, CA	EARTH SYSTEMS PACIFIC	02/06/2024	300993-004

2. SPREAD OR CONTINUOUS FOOTINGS:

ANTICIPATED BEARING MATERIAL	ALLOWABLE BEARING CAPACITY (PSF)	ALLOWABLE LATERAL RESISTANCE	
		PASSIVE RESISTANCE (PSF/FT BELOW GRADE)	FRICTION RESISTANCE (COEFFICIENT OF FRICTION)
COMPACTED FILL	1,500 DEAD ONLY 2,200 DEAD + LIVE	200	0.2

NOTES:

A. THE ALLOWABLE BEARING CAPACITY MAY BE INCREASED BY ONE-THIRD WHEN CONSIDERING LOADS OF SHORT DURATION SUCH AS WIND OR SEISMIC FORCES.

B. THE ALLOWABLE LATERAL RESISTANCE IS BASED ON A FACTOR OF SAFETY OF 1.5.

C. THE ALLOWABLE LATERAL RESISTANCE CAN BE TAKEN AS THE SUM OF THE FRICTIONAL RESISTANCE AND PASSIVE RESISTANCE.

D. THE UPPER 1 FOOT OF SOIL NOT PROTECTED BY PAVEMENT SHALL BE NEGLECTED WHEN CALCULATING PASSIVE RESISTANCE.

E. ASSUMES THAT THE GROUND IS HORIZONTAL FOR A DISTANCE OF 5 FEET, OR ONE-THIRD OF TOTAL HEIGHT OF HILL. WHICHEVER IS GREATER.

3. WHERE NOT SHOWN ON THE DRAWINGS, CONTRACTOR TO PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING AND SHORING REQUIRED AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES.

4. CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER AND/OR SEEPAGE.

CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19A OF THE CODE AND WITH THE PROVISIONS OF ACI 318-19.

2. CONCRETE MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

MATERIAL	ASTM STANDARD
PORTLAND CEMENT (TYPE II)	C150/C595
CONCRETE AGGREGATES (HARDROCK)	C33
WATER[A]	C1602
COAL FLY ASH OR POZZOLLAN (CLASS F)	C618
NATURAL OR MANUFACTURED SAND	C33
SLAG	C989

A. WATER SHOULD ONLY BE ADDED AT THE BATCH PLANT. IN NO CASE SHALL THE DESIGN WATER/ CEMENT RATIO BE EXCEEDED.

3. CONCRETE MIXES SHALL BE PROPORTIONED BASED ON SECTION 26.4.3 OF ACI 318-19, WHICH REFERENCES ACI 301-20 ARTICLE 4.2.3. MIX DESIGNS SHALL INCLUDE DOCUMENTATION OF MIX AVERAGE COMPRESSIVE STRENGTH THROUGH FIELD TEST DATA OR TRIAL MIXTURES IN ACCORDANCE WITH ACI 301-20 ARTICLE 4.2.3.4. SCHEDULE OF STRUCTURAL CONCRETE STRENGTHS AND LOCATIONS (UNO):

LOCATION IN STRUCTURE	MINIMUM STRENGTH (PSI)	DENSITY (PCF)	MAX SLUMP (IN±1)	MAX WATER/CEMENT RATIO	SLAG/ FLY ASH[A] (MAX)
CONCRETE FOUNDATIONS	3,000	150	4	0.5	0.25

A. AS MEASURED BY CEMENTITIOUS WEIGHT

4. READY MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C94 OR C685.

5. DEPOSITING AND CONVEYING OF CONCRETE SHALL CONFORM TO SECTION 26.5 OF ACI 318-19 AND PROJECT SPECIFICATIONS.

6. ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED SHALL BE CLEANED AND ROUGHENED TO 1/4" AMPLITUDE.

7. ALL REINFORCING BARS, ANCHOR BOLT HOLDOWNS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED AND TIED IN POSITION PRIOR TO PLACING CONCRETE. IN NO CASE SHALL ANY REINFORCING BARS, ANCHOR BOLTS, HOLDOWNS OR OTHER CONCRETE INSERTS BE "WET SET" OR "WET-STABBED" INTO CONCRETE DURING THE POUR.

8. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING. DO NOT CUT ANY REINFORCING WHICH MAY CONFLICT. CORING IN CONCRETE IS NOT PERMITTED WITHOUT SEOR APPROVAL. NOTIFY THE SEOR IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS. SEE THE DRAWINGS FOR ADDITIONAL RESTRICTIONS ON THE PLACEMENT OF OPENINGS IN SLABS AND WALLS.

9. PIPES EMBEDDED IN CONCRETE:
   A. CONCRETE
      a. PIPES LARGER THAN 1-1/2" DIAMETER SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY SEOR.
      b. PIPES SHALL NOT DISPLACE OR INTERRUPT REINFORCING BARS.
      c. DO NOT STACK CONDUITS. SPACE EMBEDDED PIPES AND CONDUITS AT A MINIMUM OF 3 DIAMETERS CLEAR FROM OTHER EMBEDDED PIPES/CONDUITS AND REBAR.

EXISTING CONDITIONS

1. ALL INFORMATION SHOWN ON THE PLANS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE FROM PLANS SUPPLIED BY THE OWNER, BUT WITHOUT GUARANTEE OF ACCURACY.

2. WHERE ACTUAL CONDITIONS ARE NOT IN ACCORDANCE WITH THE INFORMATION PRESENTED, THE ARCHITECT AND/OR STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY. NO MODIFICATIONS OF THE PLANS FOR NEW CONSTRUCTION SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.

EXISTING UNDERGROUND UTILITIES

1. THE ARCHITECT AND ENGINEERS ARE NOT RESPONSIBLE FOR THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE DRAWINGS. DRAWINGS, IF ANY, IS APPROXIMATE. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THE SITE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND/OR STRUCTURAL ENGINEER SHOULD ANY SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES WHICH MAY RESULT FROM HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL EXISTING UNDERGROUND UTILITIES.

3. AN UNDERGROUND SERVICE ALERT INQUIRY IDENTIFICATION NUMBER MUST BE OBTAINED AT LEAST TWO WORKING DAYS BEFORE STARTING WORK WITH THIS PERMIT.
   A. FOR PROJECTS IN SOUTHERN CALIFORNIA TELEPHONE NO. 1-800-422-4133.
   B. FOR PROJECTS IN NORTHERN CALIFORNIA TELEPHONE NO. 1-800-227-2600.

DEMOLITION

1. ALL DEMOLITION SHALL BE CARRIED ON IN SUCH A WAY AS NOT TO DAMAGE EXISTING ELEMENTS, WHICH ARE TO REMAIN IN THE FINISHED STRUCTURE.

2. ALL ELEMENTS OF THE STRUCTURE, WHICH ARE TO REMAIN, AND WHICH ARE DAMAGED DURING DEMOLITION WORK SHALL BE REPLACED AT NO ADDITIONAL COST. EXISTING ELEMENTS SHALL BE PROTECTED TO THE FULLEST EXTENT POSSIBLE, IN ORDER TO MITIGATE DAMAGE.

3. CONTRACTOR IS REPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL EXISTING ELEMENTS THAT ARE NECESSARY FOR THE INSTALLATION OF ALL NEW WORK.

4. WHERE EXISTING PARTITION WALLS ARE TO BE DEMOLISHED, CONTRACTOR SHALL VERIFY WALLS ARE NON-BEARING PRIOR TO DEMOLITION. IF WALLS ARE FOUND TO BE BEARING, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY

DIMENSIONS

1. DIMENSIONS SHALL BE DEFINED TO INCLUDE BOTH HORIZONTAL DIMENSIONS AND VERTICAL DIMENSIONS (ELEVATIONS).

2. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE. DRAWINGS SHALL NOT BE SCALED.

3. SEE ARCHITECTURAL DRAWINGS FOR DIMENSION NOT NOTED ON STRUCTURAL DRAWINGS.

4. SEE ARCHITECTURAL AND/OR CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS.

5. SEE ARCHITECTURAL DRAWINGS FOR ALL TOP OF SHEATHING AND/OR ROOF ELEVATIONS.

6. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES.

DESIGN INFORMATION

1. DEAD LOADS: (2022 CBC SECTION 1603A):

DEAD LOADS		
LOCATIONS		UNIFORM (PSF)
ROOF:	ASPHALT SHINGLES OVER GYP CEILING	18.5
ROOF:	SINGLE PLY OVER GYP CEILING	15.0
EXTERIOR BEARING WALLS:	2x6 STUDS @ 16" OC W/ ⅝" PLASTER FINISH	16.0
PARAPET WALLS:	2x6 STUDS @ 16" OC W/ ⅝" PLASTER FINISH, EA FACE	24.4

2. FLOOR LIVE LOADS: (2022 CBC SECTION 1603A.1.1)

FLOOR LIVE LOADS			
OCCUPANCY OR USE	UNIFORM (PSF)	CONC. (LBS)	REFERENCE
SCHOOL CLASSROOMS	60	—	2022 CBC TABLE 1607A.1

3. ROOF LIVE LOADS (2022 CBC SECTION 1603A.1.2)

ROOF LIVE LOADS			
OCCUPANCY OR USE	UNIFORM (PSF)	CONC. (LBS)	REFERENCE
ROOF ORDINARY FLAT, PITCHED AND CURVED ROOFS (THAT ARE NOT OCCUPIABLE)	20	—	2022 CBC TABLE 1607A.1

4. ROOF SNOW LOADS (2022 CBC SECTION 1603A.1.3):

SNOW DESIGN DATA		
PARAMETER	VALUE	REFERENCE
GROUND SNOW LOAD	Pg = 0 PSF	ASCE 7-16 7.2

5. WIND DESIGN DATA (2022 CBC SECTION 1603A.1.4) :

WIND DESIGN DATA		
PARAMETER	VALUE	REFERENCE
ULTIMATE DESIGN WIND SPEED (3-SEC GUST)	V_{ULT} = 98 MPH	2022 CBC FIG. 1609A.3
NOMINAL DESIGN WIND SPEED (3-SEC GUST)	V_{ASD} = 76 MPH	2022 CBC 1609A.3.1
EXPOSURE CATEGORY	C	2022 CBC 1609A.4.3
INTERNAL PRESSURE COEFFICIENT:	GCpi = ± 0.18	ASCE 7-16 TABLE 26.13-1

COMPONENTS & CLADDING WIND PRESSURES (PSF)				
LOCATION		EFFECTIVE WIND AREA (SQ. FT.)		
		10	100	500
ROOF	ZONE 1	-26.3	-20.9	-20.9
	ZONE 2	-45.8	-30.7	-26.3
	ZONE 2e	-35.1	-25.4	-22.7
	ZONE 3	-35.1	-25.4	-22.7
	ALL ZONES	16.0	16.0	16.0
OVERHANG	ZONE 1	-35.1	-38.7	-38.7
	ZONE 2	-54.6	-46.7	-44.0
	ZONE 2e	-44.0	-41.3	-40.4
	ZONE 3	-54.6	-36.9	-31.6
WALL	ZONE 4	-22.7	-19.7	-17.4
	ZONE 5	-28.0	-21.8	-17.4
	POSITIVE	20.9	17.4	16.0

6. EARTHQUAKE DESIGN DATA (2022 CBC SECTION 1603A.1.5):

SITE AND OCCUPANCY PARAMETERS		(SITE SPECIFIC)
PARAMETER	VALUE	REFERENCE
RISK CATEGORY	III	2022 CBC TABLE 1604A.5
SEISMIC IMPORTANCE FACTOR	I = 1.25	ASCE 7-16 TABLE 1.5-2
MAPPED SPECTRAL RESPONSE ACCELERATIONS:	S_1 = 1.031g	2022 CBC 1613A.2.1
	S_1 = 0.380g	
SITE CLASS	E	2022 CBC 1613A.2.2
SITE AMPLIFICATION @ 0.2s	Fa = 1.00	2022 CBC 1613A.2.3
SITE AMPLIFICATION @ 1.0s	Fv = 4.00	
SPECTRAL RESPONSE COEFFICIENTS:	S_{DS} = 0.912g	2022 CBC 1613A.2.4
	S_{D1} = 1.308g	

EQUIPMENT PARAMETERS		
PARAMETER	VALUE	REFERENCE
SEISMIC DESIGN CATEGORY	SDC = D	2022 CBC 1613A.2.5
STRUCTURAL ELEMENT	MECHANICAL EQUIPMENT - EXHAUST FANS, ENERGY RECOVERY VENTILATORS, HEAT PUMPS, AND DUCTWORK	-
COMPONENT AMPLIFICATION FACTOR	a_p = 2½	ASCE 7-16 TABLE 13.6-1
RESPONSE MODIFICATION FACTOR	R_p = 6	
SYSTEM OVERSTRENGTH FACTOR	Ω_0 = 2	

EQUIPMENT PARAMETERS		
PARAMETER	VALUE	REFERENCE
SEISMIC DESIGN CATEGORY	SDC = D	2022 CBC 1613A.2.5
STRUCTURAL ELEMENT	MECHANICAL EQUIPMENT - ROOFTOP HEAT PUMPS (SPRING ISOLATED RTU)	-
COMPONENT AMPLIFICATION FACTOR	a_p = 2½	ASCE 7-16 TABLE 13.6-1
RESPONSE MODIFICATION FACTOR	R_p = 2	
SYSTEM OVERSTRENGTH FACTOR	Ω_0 = 2	

7. GEOTECHNICAL INFORMATION (2022 CBC SECTION 1603A.1.6):
   REFER TO FOUNDATION GENERAL NOTES

GENERAL

1. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES AND STANDARDS:
   A. 2022 CALIFORNIA BUILDING CODE, PART 2, VOLUME 2 OF 2, AND TITLE 24 C.C.R. 2022 EDITION AND LATEST REVISIONS (INCLUDING SUPPLEMENTS AND ERRATA) HEREIN REFERRED TO AS "THE CODE".
   B. ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING THE STATE OF CALIFORNIA DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (CAL/OSHA).
   C. CODES & STANDARDS REFERENCED IN THE CODE OR LISTED IN THESE NOTES AND SPECIFICATIONS.

2. ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFIC

REQUIRED VERIFICATION AND INSPECTIONS

WOOD
CODE CHAPTER 17A AND REFERENCED 2018 NDS AND AWC SDPWS-2021

SPECIAL INSPECTION OR TEST	CONTINUOUS	PERIODIC	CBC REFERENCE
3. WOOD LATERAL FORCE-RESISTING SYSTEM. - WOOD DIAPHRAGMS - DRAG STRUTS	—	X	1705A.12.2 1705A.13.2

REQUIRED VERIFICATION AND INSPECTIONS

CONCRETE CONSTRUCTION
CODE TABLE 1705A.3

SPECIAL INSPECTION OR TEST	CONTINUOUS	PERIODIC	REFERENCED STANDARD	CBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	—	X	ACI 318: CH 20, 25.2, 25.3, 26.6.1-26.6.3	—
2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM $\frac{5}{16}$" AND c. INSPECT ALL OTHER WELDS	— — X	X X —	AWS D1.4 ACI 318: 26.6.4	—
3. INSPECT ANCHORS CAST IN CONCRETE	—	X	ACI 318: 26.7	—
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS [b] (a) ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESST SUSTAINED TENSION LOADS (b) MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	X —	— X	ACI 318: 26.7.1 ACI 318: 26.7.1	— —
5. VERIFY USE OF REQUIRED MIX DESIGN	—	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904A.1, 1904A.2
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	—	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	—
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	—	ACI 318: 26.5	—
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	—	X	ACI 318: 26.5.3-26.5.5	—
9. INSPECT PRESTRESSED CONCRETE FOR: A. APPLICATION OF PRESTRESSING FORCES; AND B. GROUTING OF BONDED PRESTRESSING TENDONS	X X	— —	ACI 318: 26.10	—
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	—	X	ACI 318: 26.9	—
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS	—	X	ACI 318: 26.11.2	—
12. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	—	X	ACI 318: 26.11.1.2 (b)	—

a. WHERE APPLICABLE, SEE SECTION 1705A.13.

b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

SUBMITTALS

1. THE FOLLOWING SUBMITTALS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ENGINEER:
   A. ROUGH CARPENTRY: WOOD PRODUCT DATA AND MANUFACTURER'S CERTIFICATES
2. BEFORE SUBMITTING EACH SUBMITTAL, (INCLUDES SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS), THE CONTRACTOR SHALL HAVE:
   A. REVIEWED AND COORDINATED EACH SUBMITTAL WITH OTHER SUBMITTALS AND WITH THE REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS. THIS INCLUDES THE CONTRACTOR REVIEWING AND VERIFYING THAT THE SUBMITTAL IS COORDINATED AMONG ALL CONSTRUCTION TRADES;
   B. DETERMINED AND VERIFIED ALL FIELD MEASUREMENTS, QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE AND DESIGN CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS, CATALOG NUMBERS AND SIMILAR INFORMATION
   C. DETERMINED AND VERIFIED ALL INFORMATION RELATIVE TO THE CONTRACTOR'S RESPONSIBILITIES FOR MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS.
   D. REVIEWED AND VERIFIED THAT THE ARCHITECTS OR ENGINEER'S COMMENTS FROM PREVIOUS SUBMITTAL ROUNDS HAVE BEEN ADDRESSED.
3. EACH SUBMITTAL SHALL BEAR A STAMP OR SPECIFIC WRITTEN CERTIFICATION THAT THE CONTRACTOR HAS SATISFIED THEIR OBLIGATIONS UNDER THE CONTRACT DOCUMENTS WITH RESPECT TO THE CONTRACTOR'S REVIEW AND APPROVAL OF THAT SUBMITTAL.
4. THE CONTRACTOR'S OBLIGATION TO PERFORM AND COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS SHALL BE ABSOLUTE:
   a. REVIEW AND APPROVAL OF SHOP DRAWINGS BY THE ARCHITECT AND/OR ENGINEER DOES NOT CONSTITUTE APPROVAL OF A CHANGE REQUEST, SUBSTITUTION OR MODIFICATION TO THE CONTRACT DRAWINGS.
   b. THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED OF CHANGE REQUESTS, SUBSTITUTIONS OR MODIFICATIONS TO THE CONTRACT DRAWINGS IN WRITING BEFORE AND SEPARATE FROM THE SUBMITTAL PRIOR TO SUBMISSION.
5. FABRICATION FOR ITEMS IN THESE DOCUMENTS SHALL NOT COMMENCE UNTIL THE SUBMITTAL HAS BEEN REVIEWED AND APPROVED BY THE ENGINEER.

SHOP FABRICATION

1. SHOP FABRICATION REQUIRES SPECIAL INSPECTION IN ACCORDANCE WITH CODE SECTION 1704A.2.5. EXCEPTION: SHOP SPECIAL INSPECTIONS ARE NOT REQUIRED WHEN WORK IS DONE ON THE PREMISES OF FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK IN ACCORDANCE WITH CODE SECTION 1704A.2.5.1. THE FOLLOWING ACCREDITATIONS MEET THE REQUIREMENTS OF THIS EXCEPTION:
   A. STEEL BUILDINGS (OR STEEL ELEMENTS IN OTHER BUILDINGS)
      a. FOR GENERAL STEEL BUILDINGS OR ELEMENTS THE FABRICATOR SHALL BE AN AISC CERTIFIED FABRICATOR IN ACCORDANCE WITH THE AISC CERTIFICATION PROGRAM FOR STRUCTURAL STEEL FABRICATORS (AISC 201-06).
      b. OTHER ACCREDITATION DEEMED ACCEPTABLE BY THE AUTHORITY HAVING JURISDICTION.
      c. IF FABRICATION IS PERFORMED BY AN APPROVED FABRICATOR A CERTIFICATE OF COMPLIANCE MUST BE PROVIDED TO THE BUILDING INSPECTOR THAT THE MATERIALS SUPPLIED AND WORK PERFORMED BY THE FABRICATOR ARE IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.
      d. IF FABRICATION IS NOT PERFORMED BY AN APPROVED FABRICATOR WELDING INSPECTION REPORTS MUST BE SUBMITTED TO THE BUILDING OFFICIAL BY AN APPROVED TESTING AGENCY.
      d.a. NONDESTRUCTIVE TESTING (NDT) MAY BE PERFORMED BY THE FABRICATOR, HOWEVER THE QA AGENCY SHALL REVIEW THE FABRICATOR'S NDT REPORTS.

STRUCTURAL OBSERVATIONS

1. IN ACCORDANCE WITH SECTION 1704A.6 OF THE CODE STRUCTURAL OBSERVATIONS SHALL BE PERFORMED FOR THE FOLLOWING ELEMENTS OF CONSTRUCTION:
   A. SHEATHING NAILING FOR THE WOOD LATERAL FORCE-RESISTING SYSTEM, INCLUDING DIAPHRAGMS AND SHEAR WALLS.
   B. AT THE COMPLETION OF MECHANICAL, ELECTRICAL AND PLUMBING ROUGH-IN, PRIOR TO FINISHES BEING INSTALLED.
2. THE OBJECTIVE OF THE STRUCTURAL OBSERVATION IS TO BECOME FAMILIAR WITH THE PROGRESS AND QUALITY OF THE CONTRACTOR'S WORK AND DETERMINE IF THE WORK IS BEING COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS
   A. STRUCTURAL OBSERVATIONS ARE NOT INSPECTIONS AND SHALL NOT BE USED AS A REPLACEMENT FOR THE SPECIAL INSPECTIONS REQUIRED BY THE CODE OR REFERENCED STANDARD OR FOR SPECIAL INSPECTIONS REQUIRED IN THIS DOCUMENT.
   B. THE PERSON COMPLETING THE STRUCTURAL OBSERVATIONS DOES NOT HAVE RESPONSIBILITY FOR ANY ACTS OR OMISSIONS BY THE CONTRACTOR OR OF ANY OTHER ENTITY PROVIDING MATERIALS OR SERVICES ON THE PROJECT.
3. ADEQUATE NOTIFICATION SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER PERFORMING OBSERVATIONS, A MINIMUM OF (2) WORKING DAYS, PRIOR TO OBSERVATION OF THE WORK.

STATEMENT OF SPECIAL INSPECTIONS

1. THIS STATEMENT OF SPECIAL INSPECTIONS HAS BEEN PREPARED PURSUANT TO SECTION 1704A.3 OF THE CODE . THIS SECTION DETAILS BOTH REQUIRED SPECIAL INSPECTIONS AND TESTS INCLUDING TESTING PER SECTION 1705A OF THE CODE. THE FOLLOWING SHALL BE OBSERVED DURING THEIR IMPLEMENTATION:
   A. GENERAL:
      a. STRUCTURAL VERIFICATIONS, INSPECTIONS AND TESTS SHALL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE CODE AND/OR THE APPLICABLE REFERENCE STANDARD.
   B. OWNER REQUIREMENTS:
      a. THE OWNER OR OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN SECTION 1705A OF THE CODE AND IN THIS STATEMENT OF INSPECTIONS.
   C. SPECIAL INSPECTOR QUALIFICATIONS:
      a. THE SPECIAL INSPECTIONS SHALL PROVIDE WRITTEN DOCUMENTATION TO THE BUILDING OFFICIAL DEMONSTRATING HIS OR HER COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING. THE EXPERIENCE OR TRAINING SHALL BE CONSIDERED RELEVANT WHEN THE DOCUMENTED EXPERIENCE OR TRAINING IS RELATED IN COMPLEXITY TO THE SAME TYPE OF SPECIAL INSPECTION ACTIVITIES FOR PROJECTS OF SIMILAR COMPLEXITY AND MATERIAL QUANTITIES.
   D. CONTRACTOR REQUIREMENTS:
      a. SPECIAL INSPECTION IS IN ADDITION TO THE CONTRACTOR'S QUALITY CONTROL INSPECTIONS AND TESTING. THE CONTRACTOR'S QUALITY CONTROL INSPECTIONS AND TESTING SHALL OCCUR PRIOR TO SPECIAL INSPECTION AND REPORTS SHALL BE AVAILABLE TO THE SPECIAL INSPECTOR.
      b. THE CONTRACTOR SHALL ENSURE THAT THE WORK FOR WHICH SPECIAL INSPECTION IS REQUIRED REMAINS ACCESSIBLE AND EXPOSED FOR SPECIAL INSPECTION PURPOSES UNTIL COMPLETION OF THE REQUIRED SPECIAL INSPECTION.
      c. ANY CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND OR SEISMIC FORCE RESISTING SYSTEM SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
   E. SPECIAL INSPECTOR REPORT REQUIREMENTS:
      a. THE SPECIAL INSPECTOR SHALL KEEP RECORD OF INSPECTIONS
      b. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.
      c. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS.
      d. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.
      e. IF NOT CORRECTED DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMPLETION OF THAT PHASE OF WORK.
      f. A FINAL REPORT DOCUMENTING SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL.

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DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. # 03-125575
PROJECT TRACKING #: 68809-91

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STRUCTURAL
STATE OF CALIFORNIA

CONSULTANT

DSA SUBMITTAL

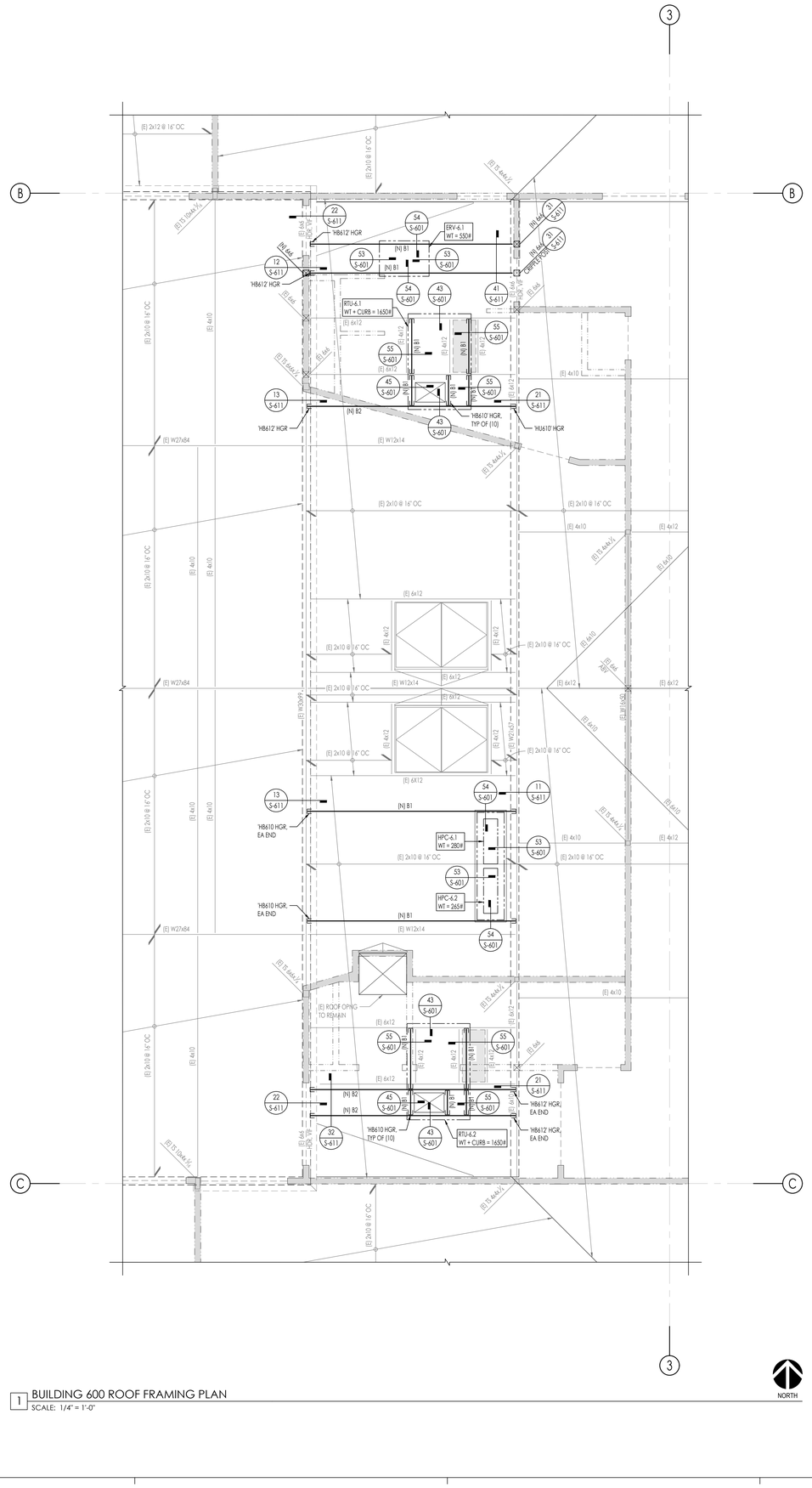
CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

SPECIAL INSPECTION & TESTS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: J. MEADOWS
DRAWN BY: C. PRESSLER | CHECKED BY: J. MEADOWS
DATE: 02/11/2026
PROJECT NUMBER: 0100-06-ED24
SHEET: S-103

N:\0001\0100-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Structural\ContDocs\Sheet-Files\0100-06-ED24 - S103.dwg, S103, Feb 11, 2026 2:09pm, CPressler



1 BUILDING 600 ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

NORTH

ROOF FRAMING PLAN NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND ELEVATIONS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING, ALL DIMENSIONS TO BE VERIFIED PRIOR TO CONSTRUCTION:
   A. GRID DIMENSIONS AND HORIZONTAL CONTROL
   B. ALL DIMENSIONS, ELEVATIONS, FINISH SURFACE, SLOPES, DRAINS, SLAB DEPRESSIONS, ETC
   C. LOCATION AND EXTENT OF EXTERIOR WALL ASSEMBLIES AND OPENINGS
   D. ALL NON STRUCTURAL WALLS
3. SEE M.E.P. DRAWINGS FOR LOCATION OF ROOF TOP EQUIPMENT AND PENETRATIONS
4. REFER TO THE FOLLOWING SHEETS FOR TYPICAL DETAILS:

DESCRIPTION	SHEET (S)
SYMBOLS AND ABBREVIATIONS	S-101
STRUCTURAL GENERAL NOTES	S-102
TESTING AND INSPECTION	S-103
TYPICAL WOOD DETAILS	S-601

5. WHERE REQUIRED, ROOF SHEATHING SHALL BE REMOVED FOR NEW FRAMING INSTALLATION FROM ABOVE. WHERE THE SHEATHING IS TO BE REMOVED AND REPLACED, IT SHALL BE TYPE 'A' PER DETAIL 14/S-601, UNO.
6. ALL EXISTING (E) ELEMENTS INDICATED AS '(E)' SHALL REMAIN & BE PROTECTED IN PLACE, UNLESS NOTED OTHERWISE.
7. MECHANICAL UNITS LABELED ON THE PLANS, MAXIMUM ALLOWABLE WEIGHT IS SHOWN. SEE MECHANICAL & ARCHITECTURAL DRAWINGS FOR EXACT LOCATION & WEIGHT OF EQUIPMENT. PROVIDE SUPPLEMENTARY ROOF FRAMING PER 42/S-601, UNO. SEE DETAIL 32/S-601 FOR OPENINGS IN ROOF FRAMING.
8. EXISTING JOISTS SHALL BE ASSESSED FOR DECAY OR ROT PER 35/S-601.

SYMBOL LEGEND

INDICATES (E) ROOF OPENING TO BE INFILLED PER DETAIL 33/S-601, UNLESS NOTED OTHERWISE. INFILLED (E) ROOF OPENINGS SHALL BE COVERED W/ (N) PLY SHTG PER DETAIL 33/S-601.

INDICATES (N) ROOF OPENING @ (E) ROOF FRAMING PER DETAIL 32/S-601, UNLESS NOTED OTHERWISE.

INDICATES APPROXIMATE LOCATION OF MECHANICAL UNIT. SEE NOTE 7 FOR ADDITIONAL INFORMATION.

SCHEDULES

FLOOR/ROOF BEAM SCHEDULE

MARK	SIZE	REMARKS
B1	6x10	
B2	6x12	

FLOOR/ROOF JOIST SCHEDULE

MARK	SIZE	REMARKS
J1	2x10 @ 16" OC	

STUD WALL SCHEDULE

WALL HATCH	STUD SIZE	STUD SPACING	HDR SIZE, UNO
	(E) WALL BEARING WALL TO REMAIN		-
	(E) WALL NON BEARING WALL TO REMAIN		-
	(E) WALL BEARING WALL ABOVE TO REMAIN		-
	(E) WALL NON BEARING WALL ABOVE TO REMAIN		-

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REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

BUILDING 600
ROOF FRAMING PLAN

NO.	REVISION	DATE

PROJECT MANAGER
J. MEADOWS
DRAWN BY
C. PRESSLER
CHECKED BY
J. MEADOWS
DATE
02/11/2026
PROJECT NUMBER
0100-06-ED24
SHEET
S-201

DSA SUBMITTAL

N:\0001\0100-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Structural\ConDocs\Sheet-Files\0100-06-ED24 - Plans.dwg, S201, Feb 11, 2026, 2:09pm, CPressler

61

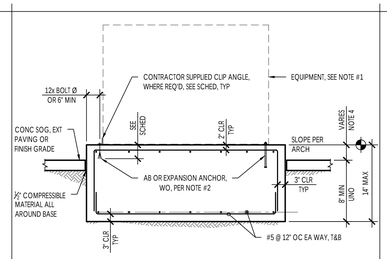
51

CONCRETE BASE FOR EQUIPMENT

0100-06-ED24 - 5601 - 41

NTS

41



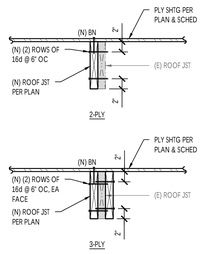
NOTES:
SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:
1. LOCATION AND DIMENSIONS OF EQUIPMENT W/ BASES.
2. LOCATION, NUMBER, SIZE AND TYPE OF BOLTS.
3. EMBEDMENT DEPTH OF POST-INSTALLED ANCHORS, WHERE OCCUR.
4. CURB HEIGHT, 4" MINIMUM.

31

(N) TO (E) ROOF INTERFACE

0100-06-ED24 - 5601 - 31

1" = 1'-0"



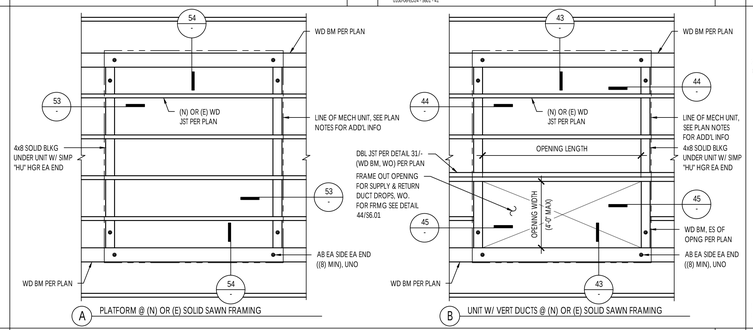
62

ROOF FRAMING @ MECH UNIT

0100-06-ED24 - 5601 - 42

NTS

42

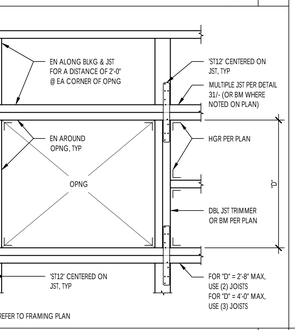


32

OPENING AT FRAMING

0100-06-ED24 - 5601 - 32

NTS



NOTE:
FOR LARGER OPENINGS REFER TO FRAMING PLAN

12

NAILING SCHEDULE

0100-06-ED24 - 5601 - 12

NTS

FASTENING SCHEDULE
PER 2022 CBC 2304.10.1

CONNECTION	FASTENING	LOCATION
1. BLOCKING BETWEEN CEILING JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	3-8d COMMON	EACH END, TOENAIL
2. BLOCKING BETWEEN RAFTERS OR TRUSS NOT AT THE WALL TO TOP PLATE, TO RAFTER OR TRUSS	2-8d COMMON	EACH END, TOENAIL
	2-16d COMMON	END NAIL
3. FLAT BLOCKING TO TRUSS AND WEB FILLER	16d COMMON @ 6" OC	FACE NAIL
4. CEILING JOIST TO TOP PLATE	3-8d COMMON	EACH JOIST, TOENAIL
5. CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS	3-16d COMMON	FACE NAIL
6. CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT)	3-16d COMMON	FACE NAIL
7. COLLAR TIE TO RAFTER	3-10d COMMON	FACE NAIL
8. RAFTER OR ROOF TRUSS TO PLATE	3-10d COMMON	TOENAIL[b]
9. ROOF RAFTER TO RIDGE VALLEY OR HIP RAFTER; OR ROOF RAFTER TO 2-INCH RIDGE BEAM	2-16d COMMON	END NAIL
	3-10d COMMON	TOENAIL
10. STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS	16d COMMON	16" OC FACE NAIL
11. BUILT-UP HEADER (2" TO 2" HEADER)	16d COMMON	16" OC EACH EDGE, FACE NAIL
12. CONTINUOUS HEADER TO STUD	4-10d COMMON	TOENAIL
13. TOP PLATE TO TOP PLATE	16d COMMON	16" OC FACE NAIL
14. TOP PLATE TO TOP PLATE, AT END JOINTS	8-16d COMMON	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
15. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING	2-16d COMMON	16" OC FACE NAIL
16. STUD TO TOP OR BOTTOM PLATE	4-8d COMMON	TOENAIL
	2-16d COMMON	END NAIL
17. TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2-16d COMMON	FACE NAIL
18. JOIST TO SILL, TOP PLATE, OR GIRDER	3-8d COMMON	TOENAIL
20. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON	6" OC, TOENAIL
21. 1"x6" SUBFLOOR OR LESS TO EACH JOIST	2-8d COMMON	FACE NAIL
22. 2" SUBFLOOR TO JOIST OR GIRDER	2-16d COMMON	FACE NAIL
23. BUILT-UP GIRDER AND BEAMS, 2" LUMBER LAYERS	20d COMMON (4" x 0.192")	32" OC FACE NAIL AT TOP AND BOTTOM STAGGERED ON APPOSITE SIDE
24. LEDGER STRIP SUPPORTING JOIST OR RAFTERS	3-16d COMMON	EACH JOIST OR RAFTER, FACE NAIL
26. JOIST TO BAND JOIST OR RIM JOIST	3-16d COMMON	END NAIL
27. BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	2-8d COMMON	EACH END, TOENAIL

NOTES:
a. THIS NAILING SCHEDULE SHALL ONLY BE USED IF CONDITION IS NOT OTHERWISE DETAILED OR SPECIFIED ON THE CONSTRUCTION DOCUMENTS. COMMON NAILS SHALL BE USED EXCEPT WHERE OTHERWISE STATED
b. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL

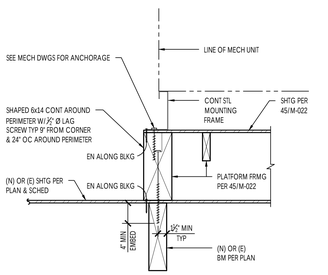
63

EQUIPMENT SUPPORT PLATFORM PERP TO ROOF JOIST

0100-06-ED24 - 5601 - 53

NTS

53

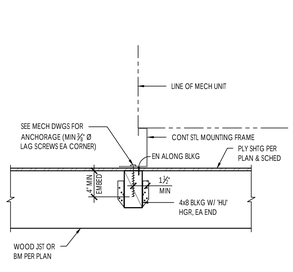


43

EQUIPMENT SUPPORT PARALLEL TO ROOF JOIST

0100-06-ED24 - 5601 - 43

NTS



33

IN-FILL (E) HORIZONTAL OPENING

0100-06-ED24 - 5601 - 33

NTS

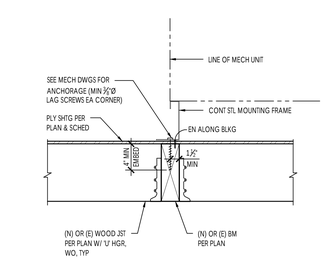
64

EQUIPMENT SUPPORT PLATFORM PARA TO ROOF JOIST

0100-06-ED24 - 5601 - 54

NTS

54

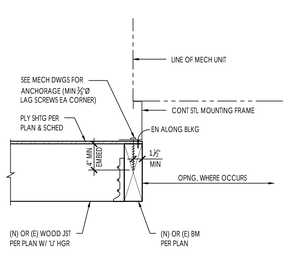


44

EQUIPMENT SUPPORT PERP TO ROOF JOIST

0100-06-ED24 - 5601 - 44

NTS



34

PLYWOOD DIAPHRAGM SHEATHING

0100-06-ED24 - 5601 - 11

NTS

14

DIAPHRAGM SCHEDULE

TYPE	LOCATION	SHEATHING THICKNESS	SHEATHING GRADE[5]	SPAN RATING	BLOCKING	NAILS	BOUNDARY NAILING (BN)	EDGE NAILING AT CONT. PANEL EDGES (EN)	EDGE NAILING AT OTHER PANEL EDGES (EN)	FIELD NAILING (FN)	PANEL EDGE SUPPORT OR NOMINAL MEMBER WIDTH AT PANEL EDGES	LINES OF FASTENERS
A	ROOF	SEE NOTE 5	STRUCT 1	32 / 16	YES	10d	6	6	6	12	2x4 FLAT	1

NOTES:
1. DIAPHRAGM SHALL BE GLUED TO FLOOR FRAMING PRIOR TO NAILING, REFER TO PROJECT GENERAL NOTES.
2. MINIMUM EDGE DISTANCE FOR NAILS SHALL BE ⅜" FROM SHEATHING EDGE AND ½" FROM LUMBER EDGE.
3. NAILS SHALL BE DRIVEN TIGHT TO TOP OF PLYWOOD SURFACE AND SHALL NOT PENETRATE THE TOP OF PLYWOOD MORE THAN COMMONLY EXPECTED WITH HAMMER DRIVEN NAILS.
4. WHERE H-CLIPS ARE SPECIFIED, THEY SHOULD BE INSTALLED AS FOLLOWS:
   A. ONE H-CLIP SHALL BE PLACED BETWEEN ABUTTING PANELS AT A LOCATION MIDWAY BETWEEN EACH PAIR OF TRUSSES, RAFTERS OR JOISTS. HOWEVER, (2) H-CLIPS ARE REQUIRED BETWEEN SUPPORTS WHEN SPACED 48 INCHES ON CENTER
   B. USE THE SAME SIZE PANEL EDGE CLIP AS THE PANEL THICKNESS. H-CLIPS MUST FIT SNUGLY
   C. ABUTTING WOOD STRUCTURAL PANELS BE FITTED AS CLOSELY AS CLIPS PERMIT. OCCASIONAL MISFIT OF ABUTTING SHEETS MAY BE TOLERATED PROVIDING THAT GAPS DO NOT EXCEED MAXIMUM OPENING OF ⅛".
5. ROOF SHEATHING THICKNESS SHALL BE INSTALLED AS FOLLOWS:
   A. ⅞" @ SINGLE PLY OR ASPHALT SHINGLES
   B. ⅞" @ TILE
   C. ⅞" @ TILE WITH MORTAR
6. STRUCTURALLY ACCEPTABLE TO USE "SHEATHING" SHEATHING GRADE @ FLOOR LOCATIONS WITHOUT GYPCRETE TOPPING

65

EQUIPMENT SUPPORT PARALLEL TO ROOF JOIST

0100-06-ED24 - 5601 - 55

NTS

55

45

EQUIPMENT SUPPORT PARALLEL TO ROOF JOIST

0100-06-ED24 - 5601 - 45

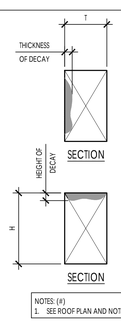
NTS

35

DECAY REPAIR SPEC

0100-06-ED24 - 5601 - 35

NTS



NOTES: (#)
1. SEE ROOF PLAN AND NOTES

REPAIR REQUIREMENTS:

IF THE RATIO OF THICKNESS TO DECAY/THICKNESS OF MEMBER IS GREATER THAN 0.10, THE WOOD MEMBER IS TO BE REPLACED

IF THE RATIO OF HEIGHT OF DECAY/HEIGHT OF MEMBER IS GREATER THAN 0.10, THE WOOD MEMBER IS TO BE REPLACED

TREATMENT OPTIONS:

IF THE ABOVE STATEMENTS ARE FALSE, THE TREATMENT OPTIONS ARE:

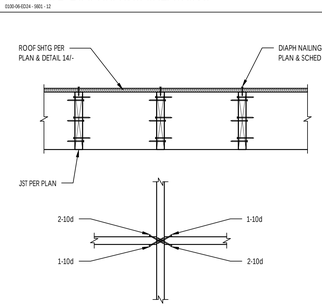
1. REMOVE DECAY OR DAMAGE FROM DESTROYING ORGANISMS BY MECHANICAL TOOLS AND REPLACE WITH WOOD FILLER PIECE OF THICKNESS AS REQUIRED TO RESTORE ORIGINAL GEOMETRY OF WOOD SECTION. FASTEN WITH GALVANIZED 8d NAILS @ 6" o.c. EACH WAY, 2" REQUIRED EDGE DISTANCE
2. RESTORE WOOD WITH HIGH PERFORMANCE SATURATION TWO PART EPOXY AND FILL WITH EPOXY PUTTY.

25

TYP JOIST BLOCKING

0100-06-ED24 - 5601 - 25

NTS



15

DIAPHRAGM PANEL JOINTS

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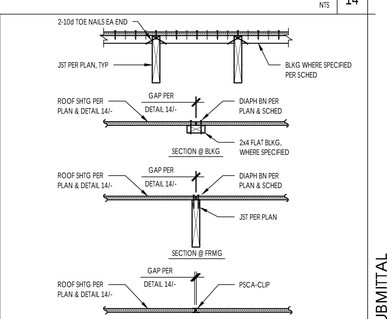
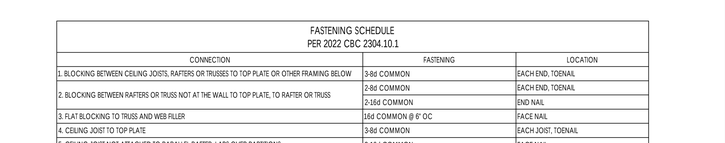
NTS





IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

TYPICAL WOOD DETAILS

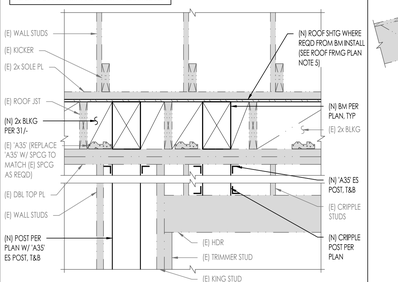
NO.	REVISION	DATE

PROJECT MANAGER: J. MEADOWS
DRAWN BY: C. PRESSLER
CHECKED BY: J. MEADOWS
DATE: 02/11/2026
PROJECT NUMBER: 0100-06-ED24
SHEET: S-601

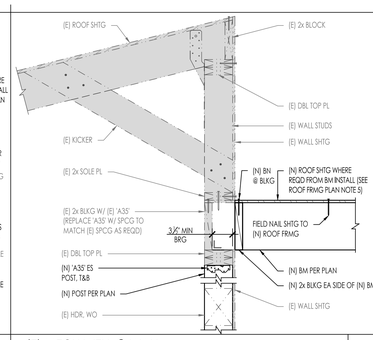
DSA SUBMITTAL

N:\0001\0100-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Structural\ConDocs\Sheet-Files\0100-06-ED24 - S601.dwg, S601, Feb 23, 2026 3:33pm, jkaneda

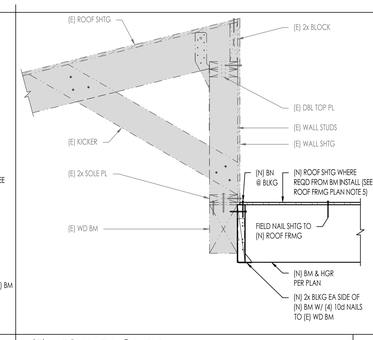
NOTE:
PLYWOOD FIELD NAILING NOT SHOWN FOR CLARITY, REFER TO DIAPHRAGM AND SHEAR WALL SCHEDULE



61 | 51 | (E) MECH WELL @ (E) HDR 01100-06-ED24 - S611 - 41 | 1" = 1'-0" | 41



31 | (E) MECH WELL @ WALL 01100-06-ED24 - S611 - 31 | 1" = 1'-0" | 21



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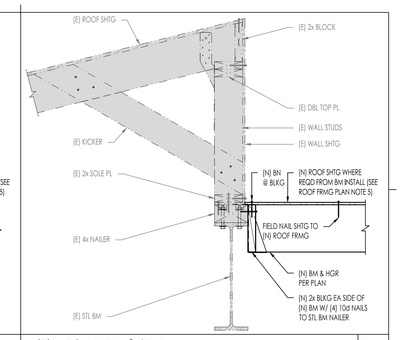
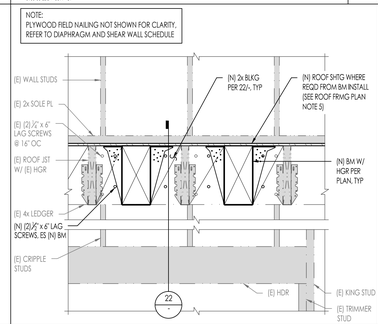


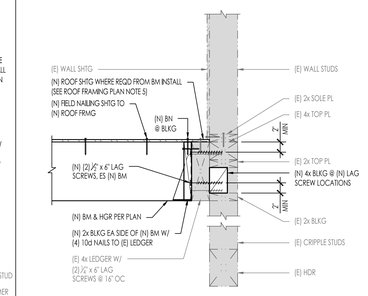
(E) MECH WELL @ STL BM 01100-06-ED24 - S611 - 11 | 1" = 1'-0" | 1

62 | 52

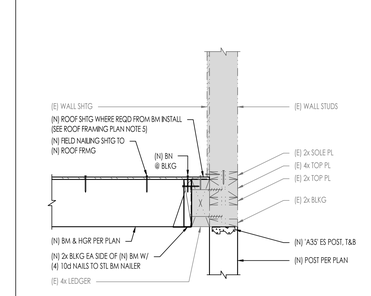
NOTE:
PLYWOOD FIELD NAILING NOT SHOWN FOR CLARITY, REFER TO DIAPHRAGM AND SHEAR WALL SCHEDULE



42 | (E) MECH WELL @ (E) HDR 01100-06-ED24 - S611 - 32 | 1" = 1'-0" | 32

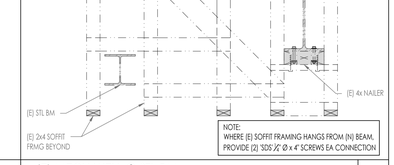


(E) MECH WELL @ (E) HDR 01100-06-ED24 - S611 - 22 | 1" = 1'-0" | 22



(E) MECH WELL @ STUD WALL 01100-06-ED24 - S611 - 12 | 1" = 1'-0" | 2

63 | 53 | 43 | 33 | 23



(E) MECH WELL @ STL BM 01100-06-ED24 - S611 - 13 | 3/4" = 1'-0" | 13

64 | 54 | 44 | 34 | 24 | 14

65 | 55 | 45 | 35 | 25 | 15

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
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PROJECT TRACKING #: 68809-91

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REGISTERED PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA

CONSULTANT

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

WOOD DETAILS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: J. MEADOWS
DRAWN BY: C. PRESSLER | CHECKED BY: J. MEADOWS
DATE: 02/11/2026
PROJECT NUMBER: 0100-06-ED24
SHEET: S-611

N:\0001\0100-06-ED24-CL-Smith-Elem-Modernizations-Phase-2\Structural\ConDocs\Sheet-Files\0100-06-ED24 - S611, Feb 11, 2026 2:09pm, CPressler

HVAC LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
		CEILING SUPPLY
		CEILING RETURN
		CEILING EXHAUST
		SIDEWALL DIFFUSER, REGISTER, GRILLE OR LOUVER
		DUCT (RECTANGULAR)
		DUCT (ROUND)
	24x12L	LINED DUCTWORK
		TURNING VANE
		FLEXIBLE DUCT
	FC	FLEXIBLE CONNECTION
	VD	MANUAL AIR VOLUME DAMPER
FD	FD	FIRE DAMPER
SFD	SFD	SMOKE FIRE DAMPER
		FIRESTOP
OAI 500		OUTSIDE AIR INTAKE MIN. CFM
(T) AC-1		ROOM THERMOSTAT – SUBSCRIPT INDICATES UNIT CONTROLLED
CO	CO	CARBON MONOXIDE SENSOR
CO2	CO2	CARBON DIOXIDE SENSOR
S	S	ON/OFF SWITCH
DSD	DSD	DUCT SMOKE DETECTOR
Ø	DIA	DIAMETER
	CEF	CEILING EXHAUST FAN
	POC/POD	POINT OF CONNECTION OR DISCONNECTION
		DUCTWORK/EQUIPMENT TO BE REMOVED
		EXISTING DUCTWORK/EQUIPMENT
DL 1FT²	DL	DOOR LOUVER – SUBSCRIPT INDICATES REQUIRED FREE AREA
		ACCESS CLEARANCE AREA – 30" OR AS REQUIRED BY THE EQUIPMENT MANUFACTURER, WHICHEVER IS GREATER
		REFRIGERANT LINES
BDD	BDD	GRAVITY BACK DRAFT DAMPER

HVAC ABBREVIATIONS

AC	AIR CONDITION(–ING,–ED)	HP	HORSEPOWER
ABV	ABOVE	HZ	HERTZ
AFF	ABOVE FINISHED FLOOR	IDU	INDOOR UNIT
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	IMP	IMPELLER
AHJ	AUTHORITY HAVING JURISDICTION	IWC	INCHES OF WATER COLUMN
ALUM	ALUMINUM	KWI	KILOWATT INPUT
AMB	AMBIENT	LBS	POUNDS
ARCH	ARCHITECTURAL	LWT	LEAVING WATER TEMPERATURE
ARI	AMERICAN REFRIGERATION INSTITUTE	MBH	BTU PER HOUR (THOUSAND)
BD	BOARD	MCA	MINIMUM CIRCUIT AMPS
BDD	BACKDRAFT DAMPER	MFGR	MANUFACTURE OR MANUFACTURER
BLW	BELOW	MU/MUA	MAKE UP AIR
BHP	BRAKE HORSE POWER	(N)	NEW
BLDG	BUILDING	NOM	NOMINAL
BTUH	BRITISH THERMAL UNIT / HOUR	NTS	NOT TO SCALE
CA	COMBUSTION AIR	OA	OUTSIDE AIR
CAP	CAPACITY	OAI	OUTSIDE AIR INTAKE
CD	CONDENSATE DRAIN	OBD	OPPOSED BLADE DAMPER
CFD	CEILING FIRE DAMPER	ODU	OUTDOOR UNIT
CFM	CUBIC FEET PER MINUTE	OPT	OPERATING
CONN	CONNECTION	OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
CONT	CONTINUATION		
CSE	CALIFORNIA SEASONAL EFFICIENCY	PD	PRESSURE DROP
DB	DRY BULB TEMPERATURE	PSI	POUNDS PER SQUARE INCH
DET	DETAIL	RA	RETURN AIR
DN	DOWN	REFRIG	REFRIGERANT
DSA	DEPARTMENT OF THE STATE ARCHITECT	RM	ROOM
(E)	EXISTING	RND	ROUND
EA	EXHAUST AIR	SA	SUPPLY AIR
EDB	ENTERING DRY BULB TEMPERATURE	SEER	SEASONAL ENERGY EFFICIENCY
EER	ENERGY EFFICIENCY RATIO	SFD	SMOKE FIRE DAMPER
EFF	EFFICIENCY	SHT	SHEET
ELEC	ELECTRICAL	SM	SHEET METAL
ESP	EXTERNAL STATIC PRESSURE	SOV	SHUT OFF VALVE
EWB	ENTERING WET BULB	SP	STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE	SQ	SQUARE
EVAP	EVAPORATOR	SS	STAINLESS STEEL
FA	FACE AREA	SSE	STEADY STATE EFFICIENCY
FC	FLEXIBLE CONNECTION	SST	SATURATED SUCTION TEMPERATURE
FD	FIRE DAMPER	TYP	TYPICAL
FLA	FULL LOAD AMP	TXV	THERMAL EXPANSION VALVE
FPM	FEET PER MINUTE	UON	UNLESS OTHERWISE NOTED
FSC	FAN SPEED CONTROL	UTR	UP TO ROOF OR UP THROUGH ROOF
GA	GAGE OR GAUGE	VD	VOLUME DAMPER
GALV	GALVANIZED	WB	WET BULB TEMPERATURE
GPM	GALLONS PER MINUTE	WC	WATER COLUMN
GYP	GYPSUM	WG	WATER GAUGE
HD	HEAD	WT	WEIGHT

CAL GREEN CODE NONRESIDENTIAL MANDATORY MEASURES

DIVISION 5.4–MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

5.410.4 TESTING AND ADJUSTING. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to 2022 CALGreen 303.1.

5.410.4.2 SYSTEMS. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse systems.

5.410.4.3 PROCEDURES. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

At a minimum the Mechanical Contractor shall obtain the latest start–up check list(s) from the equipment manufacturer and perform all tests and checks applicable. After completion of the start–up check list the Mechanical contractor shall make adjustments to put the equipment in peak working order. Mechanical Contractor shall document all work performed. Close out documentation provided to the General Contractor shall include all completed check list(s) and documentation for any work performed. The General Contractor shall submit the check list(s) and work documentation to Engineer of Record.

5.410.4.3.1 HVAC BALANCING. In addition to testing and adjusting, before a new space–conditioning system serving a building or space is operated for normal use, balance the system in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the building enforcing agency.

See Specification section 15600 for HVAC balancing requirements.

5.410.4.4 REPORTING. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

5.410.4.5 OPERATION AND MAINTENANCE (O&M) MANUAL. Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O&M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations.

5.410.4.5.1 INSPECTIONS AND REPORTS. Include a copy of all inspection verifications and reports required by the enforcing agency.

DIVISION 5.5–ENVIRONMENTAL QUALITY

SECTION 5.504 POLLUTANT CONTROL

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2–1999, or an average efficiency of 30% based on ASHRAE 52.1–1992. Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

5.504.3 COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.

5.504.4.1 ADHESIVES, SEALANTS AND CAULKS. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.
2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.

ADHESIVE VOC LIMIT
Less Water and Less Exempt Compounds in Grams Per Liter

SPECIALTY APPLICATIONS	CURRENT VOC LIMIT
PVC welding	510
CPVC welding	490
ABS welding	325
Plastic cement welding	250
Adhesive primer for plastic	550
Contact adhesive	80
Special purpose contact adhesive	250

1. If an adhesive is used to bond dissimilar substrates together the adhesive with the highest VOC content shall be allowed.
2. For additional information regarding methods to measure the VOC content specified in this table, see South Coast Air Quality Management District Rule 1168, http://www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF.

5.504.5.3 FILTERS. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Note: Provide SLCUSD staff with one extra of any factory reusable filters.

Exceptions:

1. Existing mechanical equipment.

5.504.5.3.1 LABELING. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

SECTION 5.505 INDOOR MOISTURE CONTROL

5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code.

SECTION 5.506 INDOOR AIR QUALITY

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO2) MONITORING. For buildings or additions equipped with demand control ventilation, CO2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the 2022 California Energy Code, Section 120.1(c)(4).

SECTION 5.508 OUTDOOR AIR QUALITY

5.508.1 OZONE DEPLETION AND GREENHOUSE GAS REDUCTIONS. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 CHLOROFLUOROCARBONS (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 HALONS. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

Contractor to verify all existing equipment/ductwork and or PODs/POCs. No allowance shall subsequently be made on behalf of the contractor on account of an error on his or her part of his or her negligence or failure to acquaint himself or herself with the conditions of the site, existing utility locations and easements, or of the street or roads approaching the site.

MECHANICAL GENERAL NOTES

1. All work shown herein shall comply with the requirements of the following codes:
   - 2025 California Administrative Code (CAC): Part 1, Title 24, California Code of Regulations (CCR)
   - 2022 California Building Code (CBC): Part 2, Title 24 CCR
   - 2022 California Electrical Code (CEC): Part 3, Title 24 CCR
   - 2022 California Mechanical Code (CMC): Part 4, Title 24 CCR
   - 2022 California Plumbing Code (CPC): Part 5, Title 24 CCR
   - 2022 California Energy Code (CEnC): Part 6, Title 24 CCR
   - 2022 California Fire Code (CFC): Part 9, Title 24 CCR
   - 2022 California Green Building Standards Code (CALGreen): Part 11, Title 24 CCR
2. Furnish all labor, materials, transportation, and perform all required operations to provide complete and operable mechanical system, in accordance with the full intent and meaning of the drawings and specifications.
3. All locations of ductwork and equipment are shown diagrammatically. Adhere to locations as closely as possible, vary runs or shape of ductwork as required to meet structural and other interference's as required by the Architect.
4. Duct dimensions shown are internal. Increase outer duct dimension as required to account for the thickness of internal lining where applicable. All duct shall be fabricated and installed per Chapter 6, 2022 CMC.
5. The contractor shall submit shop drawings and catalog sheets to the Architect of all mechanical equipment items for approval.
6. All equipment shall be installed with sufficient access to controls, filters, electric motors, etc. Access clearance shall be 30" or as required by the equipment manufacturer, which ever is greater. Contractor shall provide access panels where required.
7. The Mechanical Contractor shall coordinate all items related to mechanical systems with the work of other trades before proceeding with procuring or fabrication of equipment, ductwork, piping etc. Items to be coordinated shall include but are not limited to the following:
   - Grilles, registers and diffusers shall be coordinated with the reflected ceiling plan
   - Ductwork locations and potential interferences with structural members, framing, fire sprinkler lines, plumbing waste lines, cable trays and conduit.
   - Openings required in walls, floors or ceilings shall be coordinated with the general contractor and/or framing contractor prior to the start of construction to avoid rework. Any rework required shall be at no additional cost to the owner.
   - Prior to bidding the project the mechanical contractor shall coordinate with the electrical contractor to determine who will be responsible for procuring and installing motor starters, conduit for low voltage controls and line voltage control devices, such as single pole switches.
   - Access to volume dampers for balancing. Access to all equipment, as well as platform and curb locations.
   - Construction of platforms and shaped runners or other means to mount curbs level. All platforms and curbs shall be level unless otherwise noted or detailed on the mechanical plans
8. The mechanical contractor shall coordinate with general contractor for access to all dampers, equipment, as well as platform and curb locations, and shall make all platforms and curbs level.
9. Fire dampers and combination fire/smoke dampers shall be State Fire Marshall approved and installed strictly in accordance with the manufacturer's instructions. Manufacturer's instructions shall be made available to the inspecting authority. Details shown are for reference only.
10. Materials exposed within any space being used as an air plenum shall be non combustible or shall have a flame spread index not greater than 25 and a smoke developed index not greater than 50, when tested as a composite product in accordance with one of the following test methods: NFPA 255, method of test of surface burning characteristics of building materials, ASTM E84, surface burning characteristics of building materials, or UL 723, test for surface burning characteristics of building materials.
11. Controls or switches intended to be used by the occupant of a room or area to control heating, cooling or ventilation equipment shall be mounted at the heights given by section 11B–308.1.1 of the 2022 CBC. Notify the architect immediately if the mounting heights required by the 2022 CBC cannot be obtained at the location where the control device is shown on the mechanical floor plans.
12. CO_2 sensors located adjacent to thermostats shall be mounted so that the centerline of the sensor is at the same height as the centerline of the thermostat. When a CO_2 sensor is not located adjacent to a thermostat the sensor shall be mounted so the centerline of the sensor is 48" AFF.
13. At the time of rough installation, or during storage on the construction site and until final startup of the heating and cooling equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust or debris which may collect in the system.
14. Contractor to establish locations of recessed lights prior to installing ductwork.
15. Contractor to provide labeling submittal approved by SLCUSD.
16. Contractor to verify all existing equipment/ductwork and or PODs/POCs. No allowance shall subsequently be made on behalf of the contractor on account of an error on his or her part or his or her negligence of failure to acquaint himself or herself with the conditions of the site.
17. Contractor shall clean all existing ductwork and grilles/registers/diffusers prior to installation of new work. Refer to specification section 23 01 30 HVAC system cleaning.

BRACING AND ANCHORAGE

Mechanical Component Anchorage Note

All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the DSA approved construction documents. The following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2022 CBC Sections 1617A.1.18 through 1617A.1.26 and ASCE 7–16 Chapters 123,26, and 30:

1. All permanent equipment and components.
2. Temporary movable or mobile equipment that is permanently attached (e.g. hard wired) to the building utility services such as electricity, gas or water. "Permanently attached" shall include all electrical connections except plugs for 110/220 volt receptacles having a flexible connection.
3. Temporary, movable or mobile equipment which is heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly support the component is required to be restrained in a manner approved by DSA.

The following mechanical and electrical components shall be positively attached to the structure but need not demonstrate design compliance with the reference notes above. These components shall have flexible connections provided between the component and associated ductwork, piping and conduit. Flexible connections must allow movement in both transverse and longitudinal directions:

A. Components weighing less than 400 pounds and have a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.

B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

The anchorage of all mechanical, electrical and plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance by DSA. The project inspector will verify that all components and equipment have been anchored in accordance with the above requirements.

Piping, Ductwork, and Electrical Distribution System Bracing Note

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7–16 Section 13.3 as defined in ASCE 7–16 Section 13.6.5, 13.6.6, 13.6.7, 13.6.8, and 2022 CBC, Sections 1617A.1.24, 1617A.1.25 and 1617A.1.26.

The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. When bracing and attachments are based on a pre–approved installation guide (e.g., HCai OPM for 2013 CBC or Later), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution systems. The Structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP), Electrical Distribution Systems (E):

MP [ ] MD [ ] PP [ ] E [ ] – Option 1: Project–Specific Design.
MP [X] MD [ ] PP [X] E [ ] – Option 2: Design Based on OSHPD OPM, Within Project Submittal
MP [ ] MD [ ] PP [ ] E [ ] – Option 3: Design Based on OSHPD OPM, Deferred Submittal

MECHANICAL SHEET INDEX

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M–012	MECHANICAL SCHEDULES
M–021	MECHANICAL DETAILS
M–022	MECHANICAL DETAILS
M–023	MECHANICAL DETAILS
M–024	MECHANICAL DETAILS – OPM 0043
M–100	MECHANICAL SITE PLAN
M2–101	MECHANICAL BLDG 200 (B) OVERALL FLOOR PLANS
M2–102	MECHANICAL BLDG 200 (B) ENLARGED FLOOR PLAN
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M5–121	MECHANICAL BLDG 500 (E) ROOF PLANS
M6–101	MECHANICAL BLDG 600 (G) DEMOLITION FLOOR PLAN
M6–102	MECHANICAL BLDG 600 (G) OVERALL FLOOR PLAN
M6–103	MECHANICAL BLDG 600 (G) ENLARGED FLOOR PLAN – NORTH
M6–104	MECHANICAL BLDG 600 (G) ENLARGED FLOOR PLAN – SOUTH
M6–121	MECHANICAL BLDG 600 (G) DEMOLITION ROOF PLAN
M6–122	MECHANICAL BLDG 600 (G) ROOF PLAN
M7–101	MECHANICAL BLDG 700 (D) OVERALL FLOOR PLANS
M7–102	MECHANICAL BLDG 700 (D) ENLARGED FLOOR PLAN
M7–121	MECHANICAL BLDG 700 (D) ROOF PLANS
MC–101	MECHANICAL CONTROLS
MC–102	MECHANICAL CONTROLS
MC–103	MECHANICAL CONTROLS
MC–104	MECHANICAL CONTROLS
MC–105	MECHANICAL CONTROLS

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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MECHANICAL NOTES, LEGEND AND ABBREVIATIONS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER
DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M-001

DSA SUBMITTAL

F:\Drawings\2025\25120.00_SLCUSD CL Smith ES Ph 2\mech\25120.00_M-001_Coversheet.dwg, M-001, Dec 12, 2025, 3:40pm, RobynReed

MOTORIZED CONTROL DAMPER

TAGS: M1, M2 (TOTAL OF 2-LOCATED BLDG 700 MPR)
- MODEL: GREENHECK VCD-23
- BLADE ACTION: OPPOSED
- SIZE: 60x30
- CONSTRUCTION: REFER TO SPEC. SECTION 23 00 00 PART 2.3
- PROVIDE WITH 12" SLEEVE
- ACTUATOR: REFER TO CONTROL SHEETS
- ACTUATOR OPERATION: SPRING RETURN AND FAIL CLOSED
- ACTUATOR MOUNTING: INTERNAL

SINGLE ZONE VAV HEAT PUMP PACKAGED ROOFTOP UNIT SCHEDULE-BLDG 600(G)

MARK	MAKE	MODEL	NOM. CAP. (TONS)	REFRIGERANT	SINGLE POINT-ELECTRICAL DATA				ARI PERFORMANCE		EVAPORATOR FAN DATA						HEATING PERFORMANCE		MERV 13 FILTER			CURB WT. LBS	OPER. WT LBS W/CURB	REMARKS (SEE BELOW)	AREA SERVED	MOUNTING DETAIL
					POWER V-ϕ-Hz	FLA	MCA	FUSE SIZE	NET COOLING BTUH	(EER) [IEER]	MIN. OA (DCV)	CFM MIN	CFM MAX	ESP	BHP (HP)	FAN SPEED	STATIC/ DRIVE	@47/@17 (BTUH)	HSPF2 (COP)	STRIP HEAT (KW)	GLAS-FLOSS Z-LINE	#-SIZE	P.D. IN. W.G.				
RTU-6.1	YORK	WP090E	7.5	R454B	208-3-60	59.4	67.4	70	95,900	(12.20) [16.00]	400 (1150)	2000	2850	0.5	1.72	951	HIGH/ BELT	87,000/ 51,000	(3.50)	6.8	MR-13	4-24X20X2	0.15	387	1650	NOTES 1-8, C1	MULTI-PURPOSE	1/M-021
RTU-6.2	YORK	WP090E	7.5	R454B	208-3-60	59.4	67.4	70	95,900	(12.20) [16.00]	400 (1150)	2000	2850	0.5	1.72	951	HIGH/ BELT	87,000/ 51,000	(3.50)	6.8	MR-13	4-24X20X2	0.15	387	1650	NOTES 1-8, C1	MULTI-PURPOSE	1/M-021

Notes:
1. Provide with Provent insulated structurally calc'd isolation curb model #CBISCPRD371521 with 11" base height. Wt=387 lbs. Weight shown includes weight of curb.
2. Provide with Provent horizontal discharge dry-bulb economizer with barometric relief part# ECHOHPRDL. Wt=87 lbs. Weight shown includes this weight. Provide economizer without actuator, actuator to be provided by controls contractor, Total Control. Refer to MC sheets for more information.
3. Unit automatic shutdown upon smoke detection not required per 2022 CMC 609.1 exception 2. Occupied rooms served by these units have direct exit to the exterior within 100 ft.
4. Provide with high static drive and 3.0 hp VFD Motor with factory intellispeed VAV option. Set up SSE controller so that outside air intake damper modulates to provide minimum outside air and economizer mode. Refer to schedule above for minimum OAI CFM value.
5. Provide Alldura corrosion resistant coatings on condenser coil, evaporator coil, and unit cabinet. Interior and exterior of unit cabinet to be primed prior to application of coating. All coatings to comply with ASTM B117 (25,000+ hours coil / 5,500+ hours cabinet). All coatings to include minimum 5 year warranty.
6. Provide factory start up and one full day of field support for single-zone VAV controls which is to occur while controls contractor, Total Control, is on site. Ensure complete controls integration.
7. Provide factory installed refrigerant detection system.
8. Provide factory single point power connection.

C1. Unit to be provided with manufacturers Smart Equipment Controller w/BACnet MS/TP communication card. Scheduling and occupancy to be determined by building EMS. Refer to MC sheets. Note that Smart Equipment Controller shall include factory discharge air, return air and outside air temperature sensors.

ENERGY RECOVERY VENTILATOR SCHEDULE-BLDG 600(G)

MARK	MAKE	MODEL	ELECTRICAL SINGLE POINT			OUTDOOR AIR FAN						EXHAUST AIR FAN						ENERGY CORE SUMMER CONDITIONS						ENERGY CORE WINTER CONDITIONS			2" FILTERS MERV 13		WEIGHT	REMARKS	AREA SERVED	MOUNTING DETAIL
																		OUTSIDE AIR			EXHAUST AIR			OUTSIDE AIR	EXHAUST AIR		OUTSIDE AIR	EXHAUST AIR				
																		EAT °F		LAT °F	EAT °F			EAT	LAT	EAT	#-SIZE	#-SIZE				
			POWER	MCA	MOCP	CFM (DCV)	CFM (MIN)	ESP	RPM	DRIVE	BHP (WT)	CFM (DCV)	CFM (MIN)	ESP	RPM	DRIVE	BHP (WT)	DB	WB	DB	DB	WB	DB	DB	DB							
ERV-6.1	RENEWAIRE	HE15JRT	208-1-60	7.7	15	1300	500	0.35	2074	DIRECT	432	1200	400	0.4	1945	DIRECT	(360)	89.5	64	80	61.4	75	62.5	34.1	28.4	70	14x20 16x20	14x20 16x20	550	NOTE 1-6,C1	MUSIC CLSRM 602	2/M-021

Notes:
1. Provide with factory non-fused disconnect. Disconnect provided by mechanical and installed by electrical.
2. Unit to have horizontal air flow orientation. Provide with duct flange kit for both air streams.
3. Unit to be for outdoor installation: Provide with exterior white paint finish and single wall construction.
4. Provide with Advanced EC Direct Drive motors and motorized dampers for both air streams. Fans to ramp up and down based on Demand Control Ventilation in space. See below.
5. Provide with factory motor starters and contactors (standard.)
6. Install unit on framed platform.

C1. Provide with dual contactors for independent blower control and Premium Controls with BACnet License. ERV to be controlled by BMS system. ERV to have occupancy controls for ventilation (in accordance with CEnC Section 120.1(d)5) and Demand Control Ventilation controls. Refer to MC sheets.

HEAT PUMP CONDENSING UNIT

MARK	MAKE	MODEL	NOMINAL TONS	REFRIGERANT	ELECTRICAL DATA			ARI PERFORMANCE				OPT WT LBS	REMARKS	AREA SERVED	MOUNTING DETAIL
								COOLING CAPACITY		HEATING CAPACITY					
					POWER	MCA	FUSE/ MOCP	BTUH	SEER2	BTUH	HSPF2				
BUILDING 200(B)															
HPC-2.1	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 201	6/M-021
HPC-2.2	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 202	6/M-021
HPC-2.3	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 203	6/M-021
HPC-2.4	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 206	6/M-021
HPC-2.5	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 205	6/M-021
HPC-2.6	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 204	6/M-021
HPC-2.7	MITSUBISHI	SUZ-AK48NL	4.0	R-454B	208-1-60	38	40/ 67	48,000	17.1	60,000	8.1	265	NOTES 1-3	LEARNING CTR 207	6/M-021
HPC-2.8	MITSUBISHI	SUZ-AK48NL	4.0	R-454B	208-1-60	38	40/ 67	48,000	17.1	60,000	8.1	265	NOTES 1-3	LEARNING CTR 207	6/M-021
BUILDING 400(F)															
HPC-4.1	MITSUBISHI	MXZ-SM48NL	4.0	R-454B	208-1-60	36	40/ 64	48,000	17.00	50,000	9.5	250	NOTES 1-3	CLASSRM 402	6/M-021
HPC-4.2	MITSUBISHI	PUZ-AH30NL	2.5	R-454B	208-1-60	22	25/ 37	27,000	18.2	33,00	9.1	155	NOTES 1-3	LEARNING CTR 405	6/M-021
HPC-4.3	MITSUBISHI	MXZ-SM48NL	4.0	R-454B	208-1-60	36	40/ 64	48,000	17.00	50,000	9.5	250	NOTES 1-3	CLASSRM 401	6/M-021
HPC-4.4	MITSUBISHI	MXZ-SM48NL	4.0	R-454B	208-1-60	36	40/ 64	48,000	17.00	50,000	9.5	250	NOTES 1-3	CLASSRM 404	6/M-021
HPC-4.5	MITSUBISHI	PUZ-AH30NL	2.5	R-454B	208-1-60	22	25/ 37	27,000	18.2	33,00	9.1	155	NOTES 1-3	CLASSRM 403	6/M-021
BUILDING 500(E)															
HPC-5.1	MITSUBISHI	PUZ-AK36NL	3.0	R-454B	208-1-60	34	35/ 56	36,000	20.1	40,000	9.2	225	NOTES 1-3	LIBRARY/MEDIA CTR 501	6/M-021
HPC-5.2	MITSUBISHI	PUZ-AK36NL	3.0	R-454B	208-1-60	34	35/ 56	36,000	20.1	40,000	9.2	225	NOTES 1-3	LIBRARY/MEDIA CTR 501	6/M-021
HPC-5.3	MITSUBISHI	PUZ-AK36NL	3.0	R-454B	208-1-60	34	35/ 56	36,000	20.1	40,000	9.2	225	NOTES 1-3	LIBRARY/MEDIA CTR 501	6/M-021
HPC-5.4	MITSUBISHI	MXZ-SM48NL	4.0	R-454B	208-1-60	36	40/ 64	48,000	17.00	50,000	9.5	250	NOTES 1-3	TECH LAB 502	6/M-021
BUILDING 600(G)															
HPC-6.1	MITSUBISHI	MXZ-SM60NL	5.0	R-454B	208-1-60	45	50/ 80	60,000	16.40	66,000	9.5	280	NOTES 1-3	MUSIC CLSSRM 602	18/M-021
HPC-6.2	MITSUBISHI	SUZ-AK60NL	5.0	R-454B	208-1-60	38	40/ 67	60,000	17.00	66,500	8.0	265	NOTES 1-3	STAGE 601A	18/M-021
HPC-6.3	MITSUBISHI	MXZ-SM60NL	5.0	R-454B	208-1-60	45	50/ 80	60,000	16.40	66,000	9.5	280	NOTES 1-3	KITCHEN 608	6/M-021
BUILDING 700(D)															
HPC-7.1	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 701	6/M-021
HPC-7.2	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 702	6/M-021
HPC-7.3	MITSUBISHI	SUZ-AK48NL	4.0	R-454B	208-1-60	38	40/ 67	48,000	17.1	60,000	8.1	265	NOTES 1-3	FLEX CLASRM 703	6/M-021
HPC-7.4	MITSUBISHI	SUZ-AA36NL	3.0	R-454B	208-1-60	25	30/ 41	33,000	15.8	36,200	8.2	120	NOTES 1-3	CLASSRM 705	6/M-021
HPC-7.5	MITSUBISHI	SUZ-AK48NL	4.0	R-454B	208-1-60	38	40/ 67	48,000	17.1	60,000	8.1	265	NOTES 1-3	ART CLASSRM 704	6/M-021
HPC-7.6	MITSUBISHI	SUZ-AK48NL	4.0	R-454B	208-1-60	38	40/ 67	48,000	17.1	60,000	8.1	265	NOTES 1-3	LEARNING CTR 706	6/M-021
HPC-7.7	MITSUBISHI	SUZ-AK48NL	4.0	R-454B	208-1-60	38	40/ 67	48,000	17.1	60,000	8.1	265	NOTES 1-3	LEARNING CTR 706	6/M-021

NOTES:
1. Contractor to size refrigeration lines per manufacturer's recommended total developed line length
2. Provide all necessary piping accessories for connections specified
3. Provide with factory wind baffle. Mechanical to install wind baffle.

DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE-BLDG 700(D)

MARK	MAKE	MOUNTING TYPE	COOLING CAPACITY BTUH	HEATING CAPACITY BTUH	SEER2	HSPF2	REFRIGERANT	CONDENSATE CONNECTION SIZE	INDOOR UNIT							OUTDOOR UNIT					REMARKS	AREA SERVED	INDOOR UNIT MOUNTING DETAIL	OUTDOOR UNIT MOUNTING DETAIL
									MODEL	POWER	MCA	MOCP	CFM	FAN WATTS	WEIGHT	MODEL	POWER	MCA	FUSE (MOCP)	WEIGHT				
DS-7.1	MITSUBISHI	WALL MOUNT	22,400	27,600	21.5	10.3	R-454B	5/8"	MSZ-GX24NL	208-1-60	NOTE 1		765	56	40	MUZ-GX24NL	208-1-60	23	25 (40)	120	NOTES 1-3,C1	AV EQUIP 706C	8/M-021	6/M-021

Notes:
1. Indoor unit is powered off of outdoor unit. Electrical to provide all required wiring and conduit between units.
2. Size refrigerant lines per the manufacturer's recommendations for total developed line length.
3. Provide with Refco GOBI II condensate pump. Pump to be wired to the unit terminal block. Install per the pump manufacturers installation instructions.

C1. Provide fan coil unit with Mitsubishi adaptor for interface to 3rd party thermostat. Refer to MC sheets for control of fan coil.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

rrmdesign.com | (805) 543-1794

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CONSULTANT

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SLO, CA 93401
OFF: (805) 544-4269
BMA JOB# 25120.00

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL SCHEDULES

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER

DRAWN BY: NW | CHECKED BY: RR

DATE: 12/12/2025

PROJECT NUMBER: 0100-06-ED24

SHEET: M-011

DSA SUBMITTAL

F:\Drawings\2025\25120.00_SLO\ED CL Smith ES Ph 2\mech\25120.00_ M-011_Schedules.dwg, M-011, Dec 12, 2025 - 4:29pm, RobynReed

INTAKE/RELIEF HOOD SCHEDULE

MARK	MAKE	MODEL	TYPE	THROAT DIMENSIONS	THROAT AREA (ft2)	CFM	SP	VELOCITY (ft/min)	ACCESSORIES			WEIGHT (LBS)	REMARKS	MOUNTING DETAIL
									BIRD GUARD	BACKDRAFT DAMPER	ROOF CURB			
BUILDING 200(B)														
IH-2.1	GREENHECK	FGI-18x18	INTAKE	18x18	2.25	900	0.034	400	YES	YES	YES	85	NOTES 1-3	11/M-021
IH-2.2	GREENHECK	FGI-18x18	INTAKE	18x18	2.25	900	0.034	400	YES	YES	YES	85	NOTES 1-3	11/M-021
IH-2.3	GREENHECK	FGI-18x18	INTAKE	18x18	2.25	900	0.034	400	YES	YES	YES	85	NOTES 1-3	11/M-021
IH-2.4	GREENHECK	FGI-20x24	INTAKE	20x24	3.33	1475	0.049	458	YES	YES	YES	110	NOTES 1-3	11/M-021
IH-2.5	GREENHECK	FGI-18x18	INTAKE	18x18	2.25	900	0.034	400	YES	YES	YES	85	NOTES 1-3	11/M-021
IH-2.6	GREENHECK	FGI-18x18	INTAKE	18x18	2.25	900	0.034	400	YES	YES	YES	85	NOTES 1-3	11/M-021
BUILDING 400(F)														
IH-4.1	GREENHECK	FGI-12x36	INTAKE	12x36	3.00	1300	0.044	458	YES	YES	YES	100	NOTES 1-3	11/M-021
IH-4.2	GREENHECK	GRSI-10	INTAKE	10"ø	0.57	275	0.046	526	YES	YES	YES	30	NOTES 1-3	11/M-021
IH-4.3	GREENHECK	FGI-12x36	INTAKE	12x36	3.00	1300	0.049	458	YES	YES	YES	100	NOTES 1-3	11/M-021
IH-4.4	GREENHECK	FGI-12x36	INTAKE	12x36	3.00	1300	0.044	458	YES	YES	YES	100	NOTES 1-3	11/M-021
IH-4.5	GREENHECK	GRSI-10	INTAKE	10"ø	0.57	275	0.032	439	YES	YES	YES	30	NOTES 1-3	11/M-021
BUILDING 500(E)														
IH-5.1	GREENHECK	FGI-20x20	INTAKE	20x20	2.78	1200	0.044	405	YES	YES	YES	90	NOTES 1-3	11/M-021
IH-5.2	GREENHECK	FGI-20x20	INTAKE	20x20	2.78	1200	0.044	405	YES	YES	YES	90	NOTES 1-3	11/M-021
IH-5.3	GREENHECK	FGI-20x20	INTAKE	20x20	2.78	1200	0.044	405	YES	YES	YES	90	NOTES 1-3	11/M-021
IH-5.4	GREENHECK	FGI-20x20	INTAKE	20x20	2.78	1300	0.05	413	YES	YES	YES	90	NOTES 1-3	11/M-021
BUILDING 600(G)														
IH-6.1	GREENHECK	FGI-12x40	INTAKE	12x40	3.33	1600	0.05	508	YES	YES	YES	105	NOTES 1-3	11/M-021
IH-6.2	GREENHECK	FGI-12x36	INTAKE	12x36	3.00	1400	0.05	505	YES	YES	YES	100	NOTES 1-3	11/M-021
IH-6.3	GREENHECK	GRSI-12	INTAKE	12"ø	0.82	325	0.026	396	YES	YES	YES	35	NOTES 1-3	11/M-021
IH-6.4	GREENHECK	GRSI-12	INTAKE	12"ø	0.82	475	0.056	579	YES	YES	YES	35	NOTES 1-3	11/M-021
BUILDING 700(D)														
IH-7.1	GREENHECK	FGI-18x18	INTAKE	18x18	2.25	900	0.034	400	YES	YES	YES	85	NOTES 1-3	11/M-021
IH-7.2	GREENHECK	FGI-18x18	INTAKE	18x18	2.25	900	0.034	400	YES	YES	YES	85	NOTES 1-3	11/M-021
IH-7.3	GREENHECK	FGI-20x24	INTAKE	20x24	3.33	1475	0.049	458	YES	YES	YES	110	NOTES 1-3	11/M-021
IH-7.4	GREENHECK	FGI-20x24	INTAKE	20x24	3.33	1475	0.049	458	YES	YES	YES	110	NOTES 1-3	11/M-021
IH-7.5	GREENHECK	FGI-20x24	INTAKE	20x24	3.33	1475	0.049	458	YES	YES	YES	110	NOTES 1-3	11/M-021

Notes: 1. Provide with roof curb compatible with roof slope and type.
2. Provide with horizontal gravity backdraft damper. Balance damper to open at negative or positive 0.03 in.wc.
3. Provide with factory Hi-Pro polyester powder coat.

GRILLE, REGISTER & DIFFUSER SCHEDULE

FD = FIRE DAMPER
FSD = FIRE/SMOKE DAMPER
OAI = OUTSIDE AIR INTAKE
X"ø = INLET SIZE (IF APPLICABLE)

FD S1 400 12x12 — 400 = CFM; 12x12 = NECK SIZE (length x width or length x height); S1 = MARK: S = SUPPLY; R = RETURN, E = EXHAUST; T = TRANSFER; L = Llouver

CEILING MOUNTED SUPPLY AIR DIFFUSER DEFLECTION LEGEND: 1-WAY | 2-WAY CORNER | 2-WAY OPPOSITE | 3-WAY | 4-WAY

MARK	MAKE	MODEL	CONSTRUCTION	FINISH	BORDER	OBD	REMARKS (SEE BELOW)
SUPPLY							
S1	TITUS	TDC	STEEL	WHITE	3	–	–
S2	TITUS	TDC	STEEL	WHITE	1	–	–
S3	TITUS	300RL	STEEL	WHITE	1	–	–
S4	TITUS	8F	ALUMINUM	WHITE	3	–	–
RETURN							
R1	TITUS	50F	ALUMINUM	WHITE	3	–	–
R2	TITUS	50F	ALUMINUM	WHITE	1	–	–
R3	TITUS	350RL	STEEL	WHITE	1	–	–
EXHAUST							
E1	TITUS	50F	ALUMINUM	WHITE	3	–	–
E2	TITUS	50F	ALUMINUM	WHITE	1	–	–
E3	TITUS	350RL	STEEL	WHITE	1	–	–
TRANSFER							
T1	TITUS	TDC	STEEL	WHITE	3	–	"SUPPLY" TRANSFER GRILLE
T2	TITUS	50F	ALUMINUM	WHITE	3	–	"RETURN" TRANSFER GRILLE
T3	TITUS	300RL	STEEL	WHITE	1	–	"SUPPLY" TRANSFER GRILLE
LOUVER							
L1	GREENHECK	ESJ-401	ALUMINUM	HI-PRO	1.5 FLANGE	–	–
L2	GREENHECK	ESJ-202	ALUMINUM	HI-PRO	1.5 FLANGE	–	–

FAN COIL SCHEDULE

MARK	MAKE	MODEL	NOM TONS	MOUNTING TYPE	FAN			MIN OAI (DCV) CFM	ELECTRICAL DATA			ARI PERFORMANCE		REFRIGERANT	OPT WT LBS	MATCHING UNIT	REMARKS	AREA SERVED	MOUNTING DETAIL
					CFM	WATTS (HP)	ESP		POWER V-ϕ-Hz	MCA	MOP	COOLING BTUH	HEATING BTUH						
BUILDING B(200)																			
FC-2.1	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-2.1	NOTES 5-7,10,C1	CLASSRM 201	34/M-022
FC-2.2	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-2.2	NOTES 5-7,10,C1	CLASSRM 202	34/M-022
FC-2.3	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-2.3	NOTES 5-7,10,C1	CLASSRM 203	34/M-022
FC-2.4	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-2.4	NOTES 5-7,10,C1	CLASSRM 206	34/M-022
FC-2.5	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-2.5	NOTES 5-7,10,C1	CLASSRM 205	34/M-022
FC-2.6	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-2.6	NOTES 5-7,10,C1	CLASSRM 204	34/M-022
FC-2.7	MITSUBISHI	SVZ-AP48NL	4.0	MULTIPOS AIR HANDLER	1475	430	0.8	175/(550)	208-1-60	3.9	15	48,000	60,000	R-454B	175	HPC-2.7	NOTES 1,5-9,C1	LEARNING CTR 207	34/M-022
FC-2.8	MITSUBISHI	SVZ-AP48NL	4.0	MULTIPOS AIR HANDLER	1475	430	0.8	175/(550)	208-1-60	3.9	15	48,000	60,000	R-454B	175	HPC-2.8	NOTES 1,5-9,C1	LEARNING CTR 207	34/M-022
BUILDING F(400)																			
FC-4.1	MITSUBISHI	PEFY-L48NMAU	4.0	CONCEALED DUCTED	1300	300	0.6	150(350)	208-1-60	NOTE 10		48,000	54,000	R-454B	90	HPC-4.1	NOTES 1-5,9,C1	CLASSRM 402	3/M-021
FC-4.2	MITSUBISHI	PEAD-AA30NL	2.5	CONCEALED DUCTED	875	121	0.6	275	208-1-60	NOTE 10		27,000	33,000	R-454B	70	HPC-4.2	NOTES 2-4,10,C1	LEARNING CTR 405	3/M-021
FC-4.3	MITSUBISHI	PEFY-L48NMAU	4.0	CONCEALED DUCTED	1300	300	0.6	150(375)	208-1-60	3.38	15	48,000	54,000	R-454B	90	HPC-4.3	NOTES 1-5,9,C1	CLASSRM 401	3/M-021
FC-4.4	MITSUBISHI	PEFY-L48NMAU	4.0	CONCEALED DUCTED	1300	300	0.6	150(350)	208-1-60	3.38	15	48,000	54,000	R-454B	90	HPC-4.4	NOTES 1-5,9,C1	CLASSRM 404	3/M-021
FC-4.5	MITSUBISHI	PEAD-AA30NL	2.5	CONCEALED DUCTED	875	121	0.6	275	208-1-60	NOTE 10		27,000	33,000	R-454B	70	HPC-4.5	NOTES 2-4,10,C1	CLASSRM 403	3/M-021
BUILDING E(500)																			
FC-5.1	MITSUBISHI	PEAD-AA36NL	3.0	CONCEALED DUCTED	1200	300	0.6	200	208-1-60	NOTE 10		36,000	40,000	R-454B	85	HPC-5.1	NOTES 2-5,8,10,C1	LIBRARY/MEDIA CTR 501	3/M-021
FC-5.2	MITSUBISHI	PEAD-AA36NL	3.0	CONCEALED DUCTED	1200	300	0.6	200	208-1-60	NOTE 10		36,000	40,000	R-454B	85	HPC-5.2	NOTES 2-5,8,10,C1	LIBRARY/MEDIA CTR 501	3/M-021
FC-5.3	MITSUBISHI	PEAD-AA36NL	3.0	CONCEALED DUCTED	1200	300	0.6	200	208-1-60	NOTE 10		36,000	40,000	R-454B	85	HPC-5.3	NOTES 2-5,8,10,C1	LIBRARY/MEDIA CTR 501	3/M-021
FC-5.4	MITSUBISHI	PEFY-L48NMAU	4.0	CONCEALED DUCTED	1300	300	0.6	500	208-1-60	3.38	15	48,000	54,000	R-454B	90	HPC-5.4	NOTES 1-5,9,C1	TECH LAB 502	3/M-021
BUILDING G(600)																			
FC-6.1	MITSUBISHI	PEFY-L54NMAU	4.5	CONCEALED DUCTED	1400	300	0.6	500(1300)	208-1-60	3.38	15	54,000	60,000	R-454B	95	HPC-6.1	NOTES 1-4,9,C1	MUSIC CLSSRM 602	3/M-021
FC-6.2	MITSUBISHI	SVZ-AP60NL	5.0	MULTIPOS AIR HANDLER	1750	750	0.8	550	208-1-60	7.5	15	60,000	66,500	R-454B	180	HPC-6.2	NOTES 1,5-9,C1	STAGE 601A	33/M-022
FC-6.3	MITSUBISHI	PEFY-L54NMAU	4.5	CONCEALED DUCTED	1400	300	0.6	500	208-1-60	3.38	15	54,000	60,000	R-454B	95	HPC-6.3	NOTES 1-5,9,C1	KITCHEN 608	3/M-021
BUILDING D(700)																			
FC-7.1	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-7.1	NOTES 5-7,10,C1	CLASSRM 701	34/M-022
FC-7.2	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-7.2	NOTES 5-7,10,C1	CLASSRM 702	34/M-022
FC-7.3	MITSUBISHI	SVZ-AP48NL	4.0	MULTIPOS AIR HANDLER	1475	430	0.8	175(550)	208-1-60	3.9	15	48,000	60,000	R-454B	175	HPC-7.3	NOTES 1,5-7,9,C1	FLEX CLASRM 703	34/M-022
FC-7.4	MITSUBISHI	SVZ-AP36NL	3.0	MULTIPOS AIR HANDLER	900	244	0.8	150/(350)	208-1-60	NOTE 10		33,000	33,000	R-454B	125	HPC-7.4	NOTES 5-7,10,C1	CLASSRM 705	34/M-022
FC-7.5	MITSUBISHI	SVZ-AP48NL	4.0	MULTIPOS AIR HANDLER	1475	430	0.8	500	208-1-60	3.9	15	48,000	60,000	R-454B	175	HPC-7.5	NOTES 1,5-7,9,C1	ART CLASSRM 704	34/M-022
FC-7.6	MITSUBISHI	SVZ-AP48NL	4.0	MULTIPOS AIR HANDLER	1475	430	0.8	150/(500)	208-1-60	3.9	15	48,000	60,000	R-454B	175	HPC-7.6	NOTES 1,5-9,C1	LEARNING CTR 706	34/M-022
FC-7.7	MITSUBISHI	SVZ-AP48NL	4.0	MULTIPOS AIR HANDLER	1475	430	0.8	175/(450)	208-1-60	3.9	15	48,000	60,000	R-454B	175	HPC-7.7	NOTES 1,5-9,C1	LEARNING CTR 706	34/M-022

Notes: 1. Indoor unit is separately powered.
2. Provide with factory MERV 13 filter and filter kit.
3. Fan coil is provided with integral condensate pump. Contractor to disable condensate pump and gravity drain fan coil. Refer to condensate piping on plumbing plans.
4. Provide with Rectorseal SAFE-T-SWITCH model SS1. Contractor to install float switch so that fan coil will shutdown if condensate backs up in the unit primary drain pan.
5. Provide fan coil with economizing mixing box MB-1, refer to detail 26/M-021. Damper actuator to be provided by controls contractor. Refer to MC sheets.
6. Unit to be gravity drained. Refer to condensate piping on plumbing plan. Provide with Rectorseal SAFE-T-SWITCH model SS1. Contractor to install float switch so that fan coil will shutdown if condensate backs up in the unit primary drain pan.
7. Remove 1" factory filter. Contractor to provide field fabricated 4" filter rack and MERV 13 4" filter. See floor plan.
8. Unit to have automatic shutdown per CMC 609 Exception 1. Refer to electrical detail 1 on sheet E-021.
9. Disconnect to be provided by electrical.
10. Indoor unit is powered off of outdoor unit.

C1. Provide fan coil unit with Mitsubishi adaptor for interface to 3rd party thermostat. Refer to MC sheets for control of fan coil.

EXHAUST FAN SCHEDULE

MARK	MAKE	MODEL	TYPE	FAN					MOTOR				ACCESSORIES					WEIGHT (LBS.)	REMARKS (SEE BELOW)	AREA SERVED	MOUNTING DETAIL
				CFM	SP	RPM	SONES (dB)	DRIVE	WATT (HP)	POWER V-ϕ-Hz	SPEED CONTROL	ENCLOSURE	BIRD GUARD	BACKDRAFT DAMPER	ROOF CURB	ROOF JACK	WALL CAP				
BUILDING 200(B)																					
EF-2.1	GREENHECK	SP-A90	CEILING EXHAUST	75	0.2	826	<0.3	DIRECT	12	120-1-60	YES	ODP	YES	YES	NO	NO	NO	15	NOTES 1-3,9,C2	CUSTODIAN 207C	9/M-021
EF-2.2	GREENHECK	SP-A200	CEILING EXHAUST	175	0.2	738	1.0	DIRECT	30	120-1-60	YES	ODP	YES	YES	NO	NO	NO	25	NOTES 1-3,9,C2	WORKRM 214	9/M-021
BUILDING 400(F)																					
EF-4.1	GREENHECK	SP-A90	CEILING EXHAUST	75	0.2	826	<0.3	DIRECT	12	120-1-60	YES	ODP	YES	YES	NO	YES	NO	15	NOTES 1-3,C2	CUSTODIAN	9/M-021
BUILDING 500(E)																					
EF-5.1	GREENHECK	SP-A90	CEILING EXHAUST	75	0.2	826	<0.3	DIRECT	12	120-1-60	YES	ODP	YES	YES	NO	NO	NO	15	NOTES 1-3,C2	JANITOR 503	9/M-021
EF-5.2	GREENHECK	SP-A90	CEILING EXHAUST	75	0.2	826	<0.3	DIRECT	12	120-1-60	YES	ODP	YES	YES	NO	NO	NO	15	NOTES 1-3,C2	PE STOR. 504	9/M-021
EF-5.3	GREENHECK	CSP-A900	INLINE CABINET	725	0.4	884	0.9	DIRECT	318	120-1-60	YES	ODP	YES	YES	NO	NO	NO	65	NOTES 1,2,C2	TECH LAB 502	52/M-022
EF-5.4	GREENHECK	SP-A410	CEILING EXHAUST	250	0.2	779	1.0	DIRECT	121	120-1-60	YES	ODP	YES	YES	NO	NO	NO	35	NOTES 1,2,C3	TECH EQUIP 501B	9/M-021
BUILDING 600(G)																					
EF-6.1	GREENHECK	SP-A110	CEILING EXHAUST	100	0.2	928	0.4	DIRECT	17	120-1-60	YES	ODP	YES	YES	NO	YES	NO	20	NOTES 1-3,C1	TOILET 609	9/M-021
EF-6.2	GREENHECK	G-095-VG	ROOF EXHAUSTER	475	0.42	1340	(52)	DIRECT	(1/6)	120-1-60	YES	TENV	YES	YES	YES	NO	NO	55	NOTES 4-8,C2	CUSTODIAN 609	36/M-022
EF-6.3	GREENHECK	G-095-VG	ROOF EXHAUSTER	325	0.37	1168	(49)	DIRECT	(1/6)	120-1-60	YES	TENV	YES	YES	YES	NO	NO	55	NOTES 4-8,C2	PE OFFICE & STOR. 606	36/M-022
EF-6.4	GREENHECK	SP-A110	CEILING EXHAUST	100	0.2	928	0.4	DIRECT	17	120-1-60	YES	ODP	YES	YES	NO	YES	NO	20	NOTES 1-3,C2	CUSTODIAN	9/M-021
BUILDING 700(D)																					
EF-7.1	GREENHECK	SP-A110	CEILING EXHAUST	100	0.2	928	0.4	DIRECT	17	120-1-60	YES	ODP	YES	YES	NO	NO	NO	20	NOTES 1-3,9,C1	TOILET	9/M-021
EF-7.2	GREENHECK	CSP-A1050	INLINE CABINET	800	0.4	946	1.5	DIRECT	467	120-1-60	YES	ODP	YES	YES	NO	NO	NO	65	NOTES 1,2,C2	ART CLASSRM 704	52/M-022
EF-7.3	GREENHECK	SP-A410	CEILING EXHAUST	250	0.2	779	1.0	DIRECT	121	120-1-60	YES	ODP	YES	YES	NO	NO	NO	35	NOTES 1,2,C3	AV EQUIP	9/M-021

Notes: 1. Fan to be Listed UL/cUL 507 – Electric Fan.
2. Disconnect to be plug-in type.
3. Provide with aluminum grille.
4. Provide with factory mounted/wired junction box.
5. Provide with NEMA-1 disconnect, shipped loose and installed by electrical.
6. Provide with Vari-green EC motor with dial for balancing. Factory mounted on fan.
7. Fan to be Listed UL/cUL-705 – "power ventilators."
8. Provide outdoor unit with factory Hi-Pro polyester powder coat for coastal installation.
9. The design intent is that this fan exhausts into the existing louvered exhaust/relief cupola.

C1. Interlock fan with the lighting circuit. Interlock by electrical.
C2. Fan to be controlled by wall mounted On/Off switch, provided and installed by electrical.
C3. Fan to be controlled by BMS. Refer to MC sheets. Fan provided as back-up cooling. Fan to run if temperature exceeds 80F in room.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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CONSULTANT

BRANDON ROSS PAYNE — No. M-34107 — EXP: 6/30/27 — MECHANICAL — STATE OF CALIFORNIA

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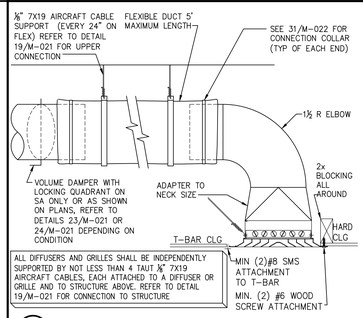
CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL SCHEDULES

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER
DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M-012

DSA SUBMITTAL

F:\Drawings\2025\25120.00_SLOUSD CL Smith ES Ph 2\Arnech\25120.00_M-012_Schedules.dwg, M-012, Dec 12, 2025 3:40pm, KobynReed



29 DIFFUSER CONNECTION
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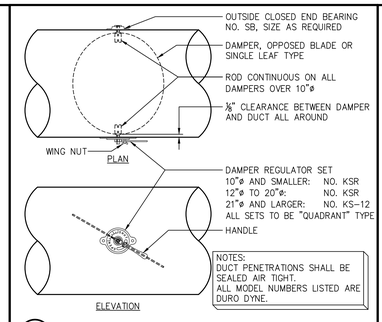

24 ROUND VOLUME DAMPER
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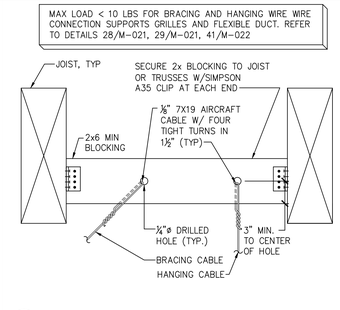

19 WIRE CONNECTION
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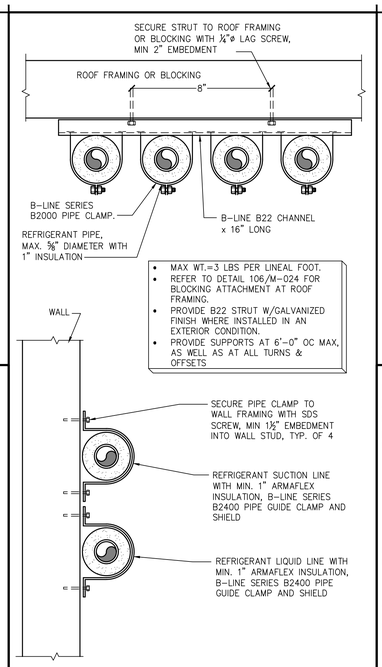

14 PIPE SUPPORT
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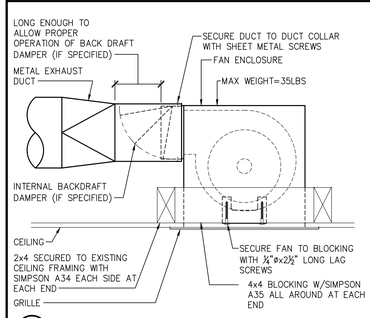

9 CEILING EXHAUST FAN
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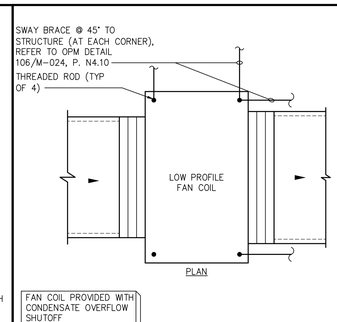

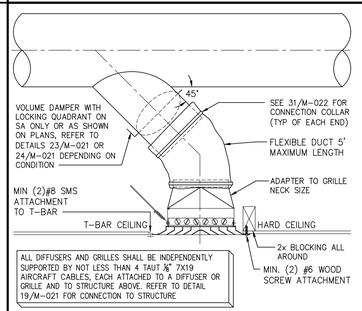

28 TYPICAL DROP TO DIFFUSER
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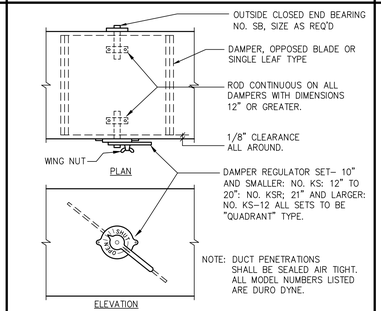

23 RECTANGULAR VOL. DAMPER
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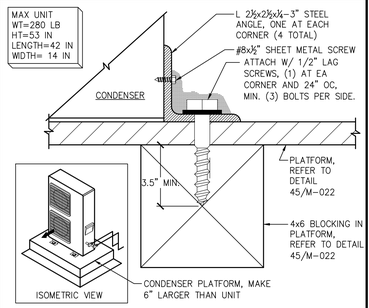
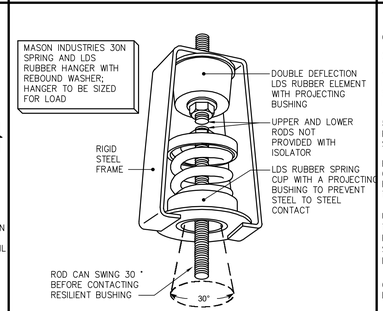


18 CONDENSING UNIT ANCHOR
NTS



13 HANGING SPRING ISOLATOR
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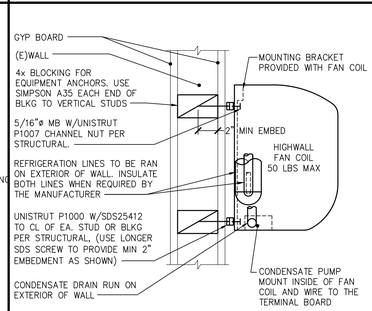
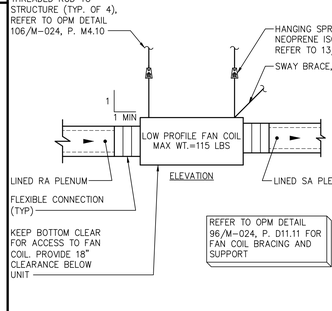
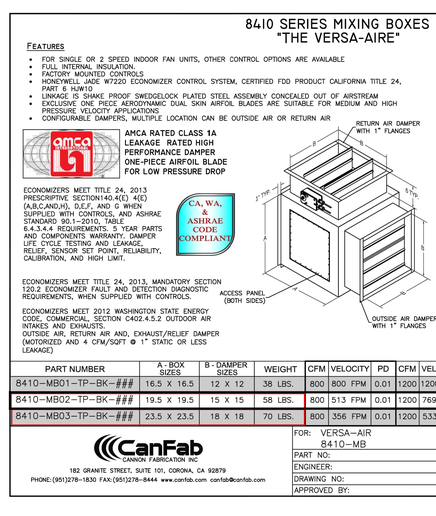


8 HIGH WALL FAN COIL MOUNTING
NTS



3 SUSPENDED FAN COIL
NTS



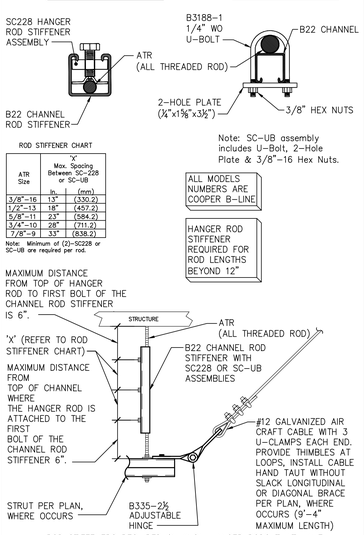
PART NUMBER	A - BOX SIZES	B - DAMPER SIZES	WEIGHT	CFM	VELOCITY	PD	CFM	VELOCITY	PD	CFM	VELOCITY	PD	CFM	VELOCITY	PD
8410–MB01–TP–BK–###	16.5 X 16.5	12 X 12	38 LBS.	800	800 FPM	0.01	1200	1200 FPM	0.02	1600	1600 FPM	0.04	2000	2000 FPM	0.06
8410–MB02–TP–BK–###	19.5 X 19.5	15 X 15	58 LBS.	800	513 FPM	0.01	1200	769 FPM	0.01	1600	1026 FPM	0.01	2000	1282 FPM	0.02
8410–MB03–TP–BK–###	23.5 X 23.5	18 X 18	70 LBS.	800	356 FPM	0.01	1200	533 FPM	0.01	1600	711 FPM	0.01	2000	889 FPM	0.01

CanFab
CANNON FABRICATION INC
182 GRANITE STREET, SUITE 101, CORONA, CA 92879
PHONE:(951)278-1830 FAX:(951)278-8444 www.canfab.com canfab@canfab.com

FOR: VERSA-AIR 8410-MB
PART NO: PROJECT:
ENGINEER: DISTRIBUTOR:
DRAWING NO: 04.28.17 DATE:
APPROVED BY: DATE: / /

REFER TO DETAILS 33/M-022 & 34/M-022 FOR MOUNTING, DEPENDING ON CONDITION

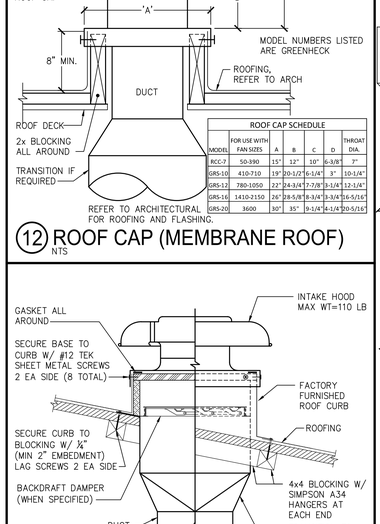
26 MIXING BOX
NTS



ATR Size	Max. Spacing Between SC-228 or SC-UB	
	In.	(mm)
3/8"–16	13"	(330.2)
1/2"–13	18"	(457.2)
5/8"–11	23"	(584.2)
3/4"–10	28"	(711.2)
7/8"–9	33"	(838.2)

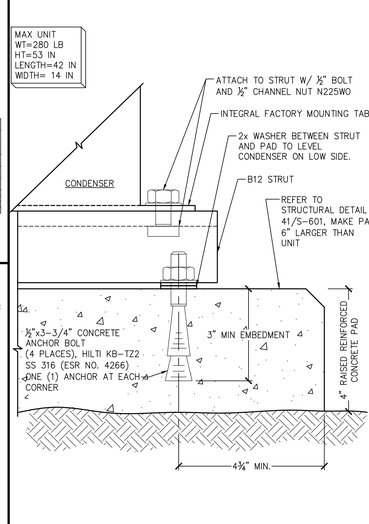
Note: Minimum of (2)–SC228 or SC–UB are required per rod.

16 HANGER ROD STIFFENER
NTS

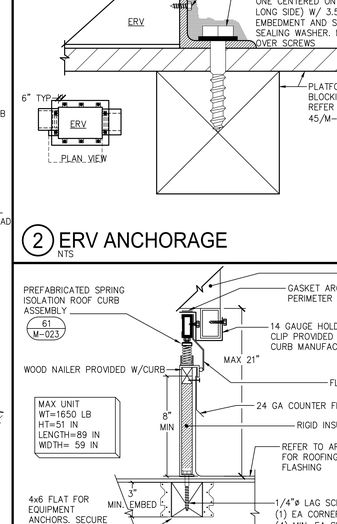


MODEL	FOR USE WITH FAN SIZES	A	B	C	D	THROAT DIA.
RCC-7	50-390	15"	13"	10"	6-3/8"	7"
GRS-10	410-710	19"	20-1/2"	16-1/4"	3"	10-1/4"
GRS-12	780-1050	22"	24-3/4"	17-7/8"	3-1/4"	12-1/4"
GRS-16	1410-2150	26"	28-5/8"	18-3/4"	3-3/4"	16-5/16"
GRS-20	3600	30"	35"	19-1/4"	4-1/4"	20-5/16"

12 ROOF CAP (MEMBRANE ROOF)
NTS



6 CONDENSING UNIT ANCHOR
NTS



2 ERV ANCHORAGE
NTS

1 AC UNIT ISOLATION CURB
NTS

11 INTAKE HOOD MOUNTING
NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

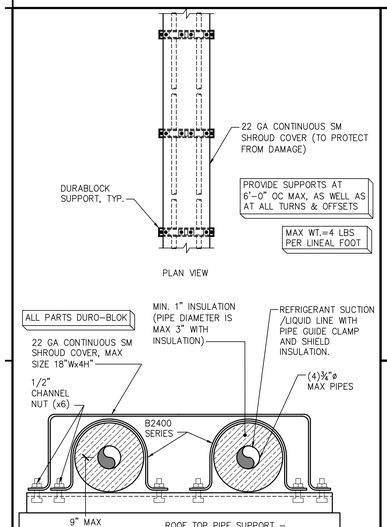
MECHANICAL DETAILS

NO.	REVISION	DATE

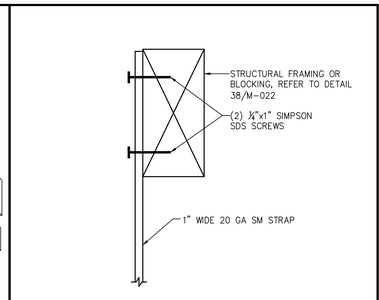
PROJECT MANAGER
DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M-021

DSA SUBMITTAL

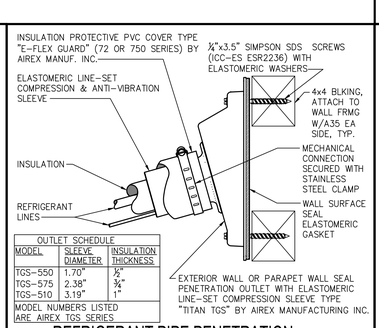
F:\Drawings\2025\25120.00_SLCUSD CL Smith ES Ph 2\mech\25120.00_M-021_Details.dwg, M-021, Feb 27, 2026 - 12:44pm, RobynReed



58 ROOF REFRIGERANT PIPE SUPPORT
NTS

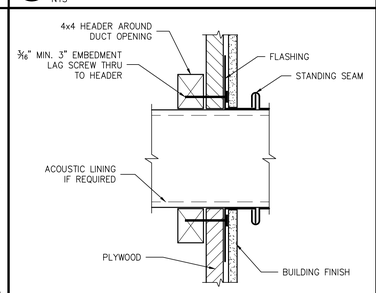


54 DUCT STRAP UPPER CONNECTION
NTS

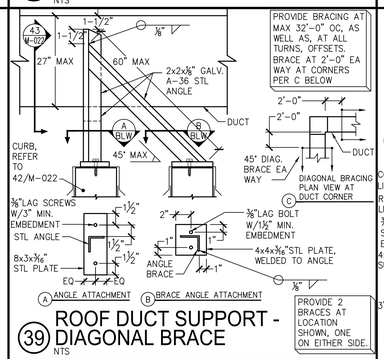


OUTLET SCHEDULE		
MODEL	SLEEVE DIAMETER	INSULATION THICKNESS
TGS-550	1.70"	½"
TGS-575	2.38"	¾"
TGS-510	3.19"	1"
MODEL NUMBERS LISTED ARE AIREX TGS SERIES		

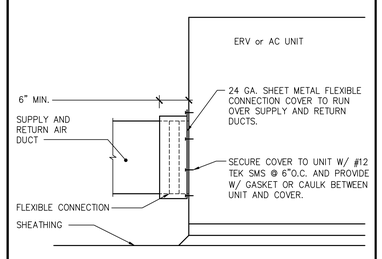
49 REFRIGERANT PIPE PENETRATION WOOD FRAMED WALL
NTS



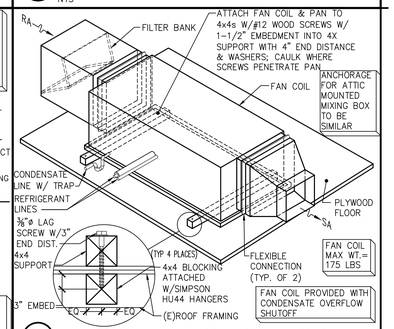
44 DUCT THRU WALL
NTS



39 ROOF DUCT SUPPORT - DIAGONAL BRACE
NTS

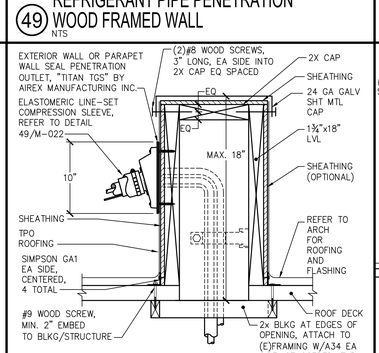


35 FLEXIBLE CONNECTION COVER
NTS

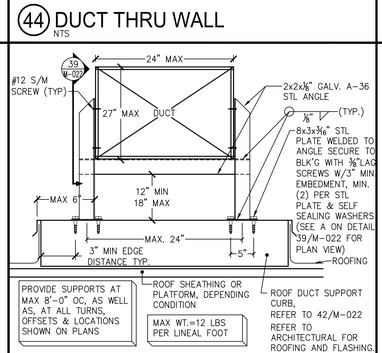


34 FAN COIL UNIT ON PLATFORM
NTS

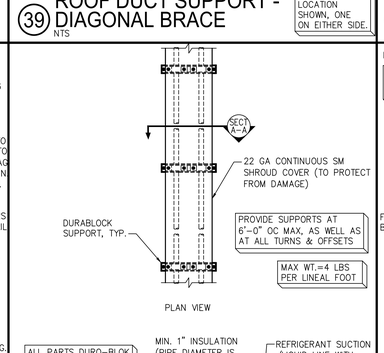
53 SWAY BRACE CONNECTION
NTS



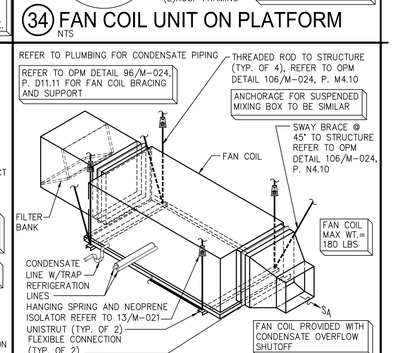
48 REFRIGERANT PIPES THRU ROOF
NTS



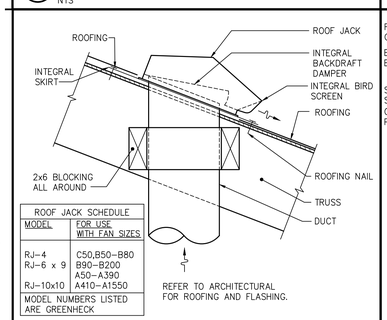
43 ROOF DUCT SUPPORT
NTS



37 REFRIGERANT PIPING SHROUD
NTS



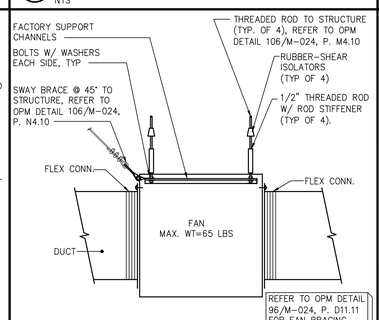
33 SUSPENDED FAN COIL
NTS



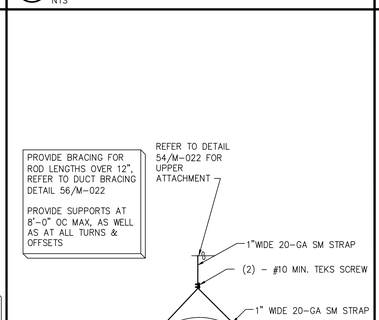
ROOF JACK SCHEDULE	
MODEL	FOR USE WITH FAN SIZES
RJ-4	C50,B50-B80
RJ-6 x 9	B90-B200 A50-A390
RJ-10x10	A410-A1550
MODEL NUMBERS LISTED ARE GREENHECK	

REFER TO ARCHITECTURAL FOR ROOFING AND FLASHING.

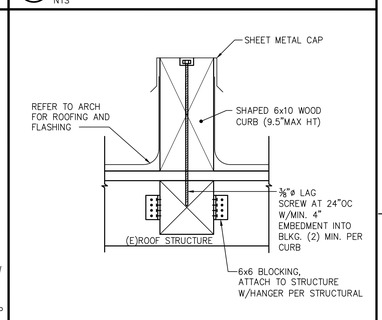
57 ROOF JACK
NTS



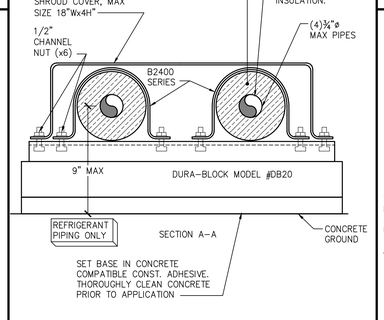
52 IN-LINE CABINET FAN
NTS



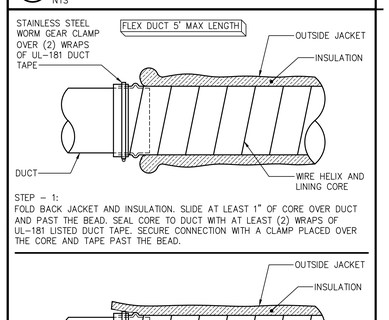
46 DUCT SUPPORT DETAIL
NTS



42 ROOF DUCT SUPPORT CURB
NTS

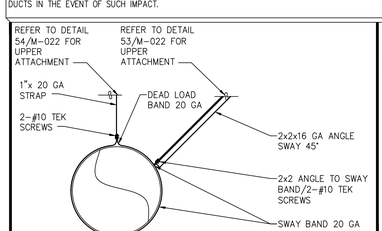


36 ROOF EXHAUSTER
NTS

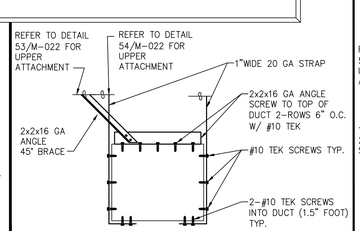


31 FLEXIBLE DUCT CONNECTION
NTS

NOTE DETAILS SHOWN BELOW ARE SWAY BRACING DETAILS NOT FOR SEISMIC BRACING. WE OMITTED SEISMIC BRACING FOR "SINGLE-HUNG" DUCTS ON THIS PROJECT IN ACCORDANCE WITH SECTION 3.3.1.2 OF IR 16-13. THE FOLLOWING CRITERIA IS MET: DUCTS HAVE A CROSS-SECTIONAL AREA LESS THAN 6.0 SQ. FT. DUCTS WEIGH LESS THAN 20 LBS PER LINEAL FT. PROVISIONS ARE TO BE MADE TO AVOID IMPACT WITH OTHER MECHANICAL COMPONENTS OR STRUCTURAL ELEMENTS OR TO PROTECT THE DUCTS IN THE EVENT OF SUCH IMPACT.

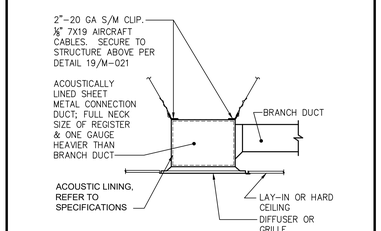


A SPIRAL DUCT SWAY BRACE



B RECTANGULAR DUCT SWAY BRACE

56 DUCT SWAY BRACING DETAILS
NTS



41 DIFFUSER CONNECTION
NTS

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CONSULTANT

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SLO, CA 93401
OFF: (805) 544-4269
BMA JOB# 25120.00

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL DETAILS

NO.	REVISION	DATE
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PROJECT MANAGER
DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M-022

DSA SUBMITTAL

F:\Drawings\2025\25120.00_SLOUSD CL Smith ES Ph 2\mech\25120.00_M-021_Details.dwg, A4-022, Feb 27, 2026 - 12:45pm, RobynReed

ACTUATOR CIRCUIT AND CONNECTIONS (120V OR FIRE ALARM SYSTEM) BY ELECTRICAL CONTRACTOR (RRL/OCI)

SMOKE DETECTION PROVIDED BY ELECTRICAL OR FIRE ALARM CONTRACTOR .

Actuator and Temperature Response Device Connections

Actuator Connections

Electrical and/or pneumatic connections to damper actuators should be made in accordance with wiring and piping diagrams developed in compliance with applicable codes, ordinances and regulations (see **Electrical Guidelines**). A penetration through the damper sleeve may be necessary to accommodate the required wiring and/or pneumatic tubing for the actuator. Care should be taken to make this penetration as small as possible, and all wiring and sealing should be done according to NEC guidelines.

Temperature Response Device Connections

RRL: The RRL (reusable resettable link) incorporates a single thermostat. When the thermostat temperature is reached the sensor interrupts power to the actuator and the actuator's spring return mechanism causes the damper to close. Refer to **Figure 25** for wiring of the RRL thermostat.

OCI: The OCI (open or closed indicator) option contains two single pole single throw switches used to indicate the damper blade position. The switches provide a positive open and closed signal and can be used in conjunction with remote indicator lights. Refer to **Figure 26** for wiring of the OCI option.

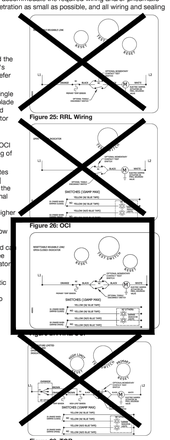
RRL/OCI: The RRL/OCI performs the function of an RRL and OCI (see description above). Refer to **Figure 27** for wiring of the RRL/OCI option.

TOR: The TOR (temperature override device) option incorporates two thermostats with fixed settings (usually 165°F [74°C] and 350°F [177°C]). The primary sensor (the sensor with the lower temperature setting) can be bypassed by an external contact closure allowing the damper to reopen until the secondary temperature is reached (the sensor with the higher temperature setting). See **Figure 28.**

The TOR assembly contains two single pole single throw switches used to indicate damper blade position. The switches provide a positive open and closed signal and can be used in conjunction with remote indicator lights. See **Figure 28** for wiring of the TOR thermostats and indicator switches.

If either the TOR or the RRL is ordered with a pneumatic actuator, an EP switch is required with an appropriate electric power circuit to allow the electric thermostat to control the pneumatic actuator.

Ratings (Figure 25, 26, 27, & 28)
Integral Switch Type: Single Pole, double throw
Electrical Capacity: 10 Amps, 1/3 hp, 120 or 240 Vac
½ Amp, 125 Vdc;
¼ Amp 250 Vdc
5 Amps, 120 Vac "L" (lamp load)
1.0 Amps, 24 Vac
1.5 Amps, 24 Vdc
Temperature Limit: 165° F (standard primary sensor)
212° F (optional primary sensor)
250° F (secondary sensor)*
350° F (secondary sensor)*
* based on actuator temperature rating



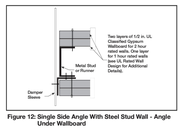


Figure 12: Single Side Angle With Steel Stud Wall - Angle Under Wallboard

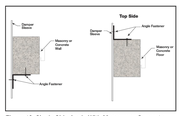


Figure 13: Single Side Angle With Masonry or Concrete Wall and Floor

Grille Installations (Dampers up to 36 in. x 36 in. [914 mm x 914 mm])

Retaining angles used in conjunction with grille installations must be a minimum of ½ in. x 1 in. (15 mm x 25 mm) 16 gauge (1.5 mm) steel. Space screws a maximum of 6 in. (152 mm) O.C. and a maximum of 2 in. (51 mm) from the corners (minimum of 2 screws per side). See **Figure 14** and **Figure 15.**

Note: Screws used to attach grille are allowed to penetrate reversed angle leg.

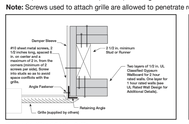


Figure 14: Wood Stud - Grille

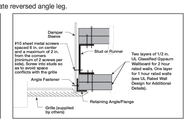


Figure 15: Metal Stud - Grille

Duct to Sleeve Connection

Sleeve Gauge and Connection Type Requirements

The size of the damper/duct determines the required sleeve gauge and the required duct to sleeve connection (see table below). Any duct connection other than the breakaway connections described below are considered rigid. When using rigid connections the damper sleeve thickness must not be less than the gauge of the connecting duct.

Sleeve Gauge	Duct Dimension	Type of Duct to Sleeve Connection Permitted
14 ga. (0.075 in) - 10 ga. (0.138 in.) [2 mm - 3.5 mm]	All duct sizes	Rigid or Breakaway
16 ga. (0.060 in.) [1.5 mm]	36 in. (914 mm) max. width 24 in. (610 mm) max. height 24 in. (610 mm) diameter	Rigid or Breakaway
16 ga. (0.060 in.) [1.5 mm]	All duct sizes	Breakaway only
18 ga. (0.048 in.) [1.2 mm]	85 in. (2159 mm) wide and over	
20 ga. (0.036 in.) [0.9 mm]	55 in. - 84 in. wide (1397 mm - 2134 mm)	
22 ga. (.030 in.) [0.76 mm]	31 in. - 54 in. wide (787 mm - 1372 mm)	
24 ga. (0.024) [0.6 mm]	13 in. - 30 in. wide (330 mm – 762 mm)	
26 ga. (0.018 in.) [0.46 mm]	12 in. wide and under (305 mm)	
See Breakaway Connection section for additional information. UL Standard 555 requires all ducts to terminate at fire damper sleeves.		

Retaining Angle Attachment to Sleeve: Retaining angles must be attached to the damper using one or more of the following methods of attachment (refer to label on outside of sleeve for 'No Screw' area):

- Tack or spot welds
- #10 (¼ in. [19 mm] max.) sheet metal screws
- ¼ in. (6 mm) bolts and nuts
- 3/16 in. (5 mm) steel pop rivets

A minimum of two connections per side, top, and bottom, spaced 12 in. (305 mm) on center (O.C.) maximum are required for openings of 48 in. W x 36 in. H (1219 mm x 914 mm) and less. Dampers greater than 48 in. wide (1219 mm) or 36 in. high (914 mm) require the connections to be no more than 6 in. (152 mm) on center.

The angles must be attached to all 4 sides of the sleeve. Ensure that fasteners do not interfere with the operation of the damper. The angles need not be attached to each other at the corners.

Retaining Angle Attachment to Wall/Floor:

Two-Sided Angle Method: For two-sided angle installations the retaining angles shall not be attached to the wall/floor (**see Figure 9**).

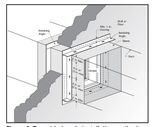


Figure 9: Two-sided angle installation method

Single Side Angle Method: For single side installations the retaining angles must be attached to the wall/floor (see **Figures 10-13**). For metal stud partitions only, the single side mounting angle may be directly attached to the metal stud prior to the installation of the drywall.

- Retaining angles must be attached to the partition using one of the methods shown below:
  - #10 screws of a length such that the screw engages the steel stud/track by ½ in. (13 mm) (steel framing).
  - #10 screws of a length such that the screw engages the wood stud by 1⅛ in. (44 mm) (wood framing).
  - Steel anchors, self tapping concrete screws, or #10 masonry screws penetrating masonry or block 1¼ inches (31 mm).
- A minimum of two connections per side are required. Additional connections made at a maximum of 12 in. (305 mm) O.C. for openings of 48 in. W x 36 in. H (1219 mm x 914 mm) and less. Dampers greater than 48 in. wide (1219 mm) or 36 in. high (914 mm) require the connections to be no more than 6 in. (152 mm) O.C.

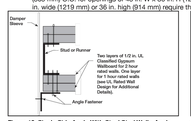


Figure 10: Single Side Angle With Steel Stud Wall - Angle Over Wallboard

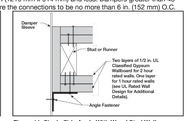


Figure 11: Single Side Angle With Wood Stud Wall

Inserting Damper into Wall/Floor Openings

Insert the sleeved damper assembly into the prepared opening. Refer to label on outside of sleeve for the recommended location of the damper in the wall or floor (see Dimension A and Detail 1, **Figure 8**).

Special attention must be paid to ensure the following:

1) The C_L (centerline) of the damper frame remains within the plane of the wall or floor
2) Attachments made through the retaining angle do not penetrate the 'No Screw' area designated on the damper sleeve.
3) The sleeve does not extend more than 16 in. (406 mm) beyond the wall or floor on the actuator side of the damper and 6 in. (152 mm) on the side opposite the actuator. The sleeve may also extend up to 16 in. (406 mm) beyond the wall or floor if the damper has a factory supplied access door.

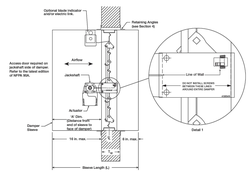


Figure 8: Properly installed combination fire smoke damper

Most fire and combination fire smoke dampers come with factory supplied sleeves. For field supplied sleeves, see the Field Supplied Sleeves supplement at www.greenheck.com.

Securing the Damper/Sleeve Assembly to Wall/Floor Openings

All fire and combination fire smoke dampers may utilize the two sided angle installation method described below. 1½ hour rated fire and combination fire smoke dampers may use the single side angle installation method up to the following maximum sizes:

- Vertical mount: 80 in. W x 50. in. H (2032 mm W x 1270 mm H), 50 in. W x 80 in. H (1270 mm W x 2032 mm H), or 40 in. W x 100 in. H (1016 mm W x 2540 mm).
- Horizontal mount: 144 in. W x 96 in. H (3658 mm W x 2438 mm H)

Retaining Angle Gauge: Retaining angles for 1½ hour rated dampers with a width and height 48 in. (1219 mm) or less must be a minimum of 20 ga. (1 mm). Retaining angles for all 3 hour rated dampers and all dampers with a width or height greater than 48 in. (1219 mm) must be a minimum of 16 ga. (1.5 mm).

Retaining Angle Size: The leg of the retaining angle on the damper sleeve shall be a minimum of 1¼ in. (32 mm). The leg of the retaining angle on the wall/floor shall be long enough to cover the annular space and overlap the wall/floor by a minimum of 1 in. (25 mm).

Clearances Required Between Damper Sleeves & Wall/Floor Openings

Two-Sided Angle Installation

Two-sided angle installations require clearances for thermal expansion between the damper sleeve and the wall/floor opening. The minimum required clearances are:

- For galvanized steel dampers and sleeves: ¼ in. per foot (3 mm per .3 m) of damper width and ¼ in. per foot (3 mm per .3 m) height with a minimum clearance of ¼ in. (6 mm). The total gap may be up to 6 in. (152 mm) larger than the damper, with a maximum gap between the damper and the opening of 3 in. (76 mm) per side as long as the retaining angles overlap the wall/floor by a minimum of 1 in. (25 mm).
- For stainless steel dampers and stainless steel or galvanized sleeves: 3/16 in. per foot (5 mm per .3 m) of damper width and height with a minimum clearance of ¼ in. (6 mm), maximum of 2 in. (51 mm).

Example:
A 12 in. x 12 in. (305 mm x 305 mm) will require a minimum clearance of ¼ in. (6 mm) width and ¼ in. (6 mm) on height
A 48 in. x 12 in. (1219 mm x 305 mm) damper will required a minimum clearance of ½ in. (13 mm) on width and ¼ in. (6 mm) on height.

These are total clearances (ignoring fastener heads) and do not need to be equally spaced around the damper.

Although the minimum requirements are listed above, for ease of installation the following are the recommended clearances for galvanized dampers:

- Width/Height of 48 in. (1219 mm) or less - ½ in. (13 mm) clearance
- Width/Height between 48.01 in. (1220 mm) and 96 in. (2438 mm): 1 in. (25 mm) clearance
- Width/Height greater than 96 in. (2438 mm): 1½ in. (38 mm) clearance

Single Side Angle Installation

On vertical mount single side angle installations there are no minimum clearance requirements between the wall opening and the damper sleeve. However, to facilitate installation, the width and height of the opening in the wall may be up to 1½ in. (38 mm) greater than the width and height of the damper.

On horizontal mount single side angle installations a minimum clearance is required between the outside of the damper sleeve and the floor opening of ¼ in. per foot (3 mm per .3 m) of damper width and ¼ in. per foot (3 mm per .3 m) height with a minimum clearance of ¼ in. (6 mm). The width and height of the opening in the floor may be up to 1½ in. (38 mm) greater than the width and height of the damper.

Installing Multiple Section Damper Assemblies

A damper assembly is not restricted to a maximum number of sections, but must not exceed the section sizes and overall sizes shown (see chart on page 5).

Some multiple section high damper assemblies require additional structural support between the damper frames. The following multiple section high damper assemblies require the use of either a support mullion between the damper frames as shown in **Figure 5** or individual sleeves around each row of dampers as shown in **Figure 6**:

- All horizontal mount dampers
- All vertical mount dampers over 72 in. (1829 mm) high and greater than 2 sections wide
- All vertical mount dampers rated for more than 4 in. wg (1 kPa)
- All vertical mount dampers that use fusible links as a closure device

The damper sections must be attached together with #10 (¾ in. max. [19 mm]) sheet metal screws, ¼ in. (6 mm) diameter nuts and bolts, tack or spot welds, or 3/16 in. (4.8 mm) diameter steel pop rivets. Attachments must be spaced a maximum of 6 in. (152 mm) O.C. and a maximum of 2 in. (51 mm) from corners. Attachments must be made on front face and back face (air entering and air exiting side) of damper sections.

Note: Dampers ordered for individual installation may not be installed together. The full assembly size must be specified at the time the dampers are ordered.

Preparation of Openings

- Frame wall openings as shown below (**see Figure 1, 2, and 2A**).
- Gypsum wall board must be fastened 12 in. (305 mm) on center to all stud and runner flanges surrounding opening.
- Prepare opening between studs and sleeve assembly as shown below (**see Figure 3 & 4**).
- All construction and fasteners must meet the requirements of the appropriate wall design (See UL Fire Resistance Directory) and/or local codes.

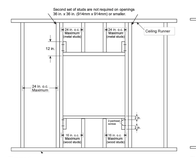


Figure 1

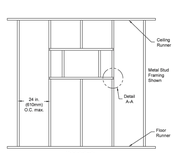


Figure 2

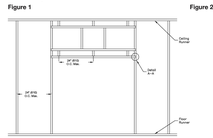
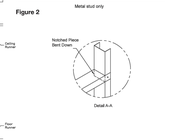


Figure 2A



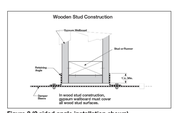


Figure 3 (2 sided angle installation shown)

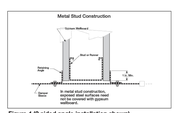


Figure 4 (2 sided angle installation shown)

GREENHECK

FSD-212
Combination Fire Smoke Damper

Application

Model FSD-212 is a combination fire smoke damper with 3V style blades. This model is designed for operation and dynamic closure in emergency fire smoke situations. It is rated for airflow and leakage in either direction. The FSD-212 may be installed vertically (with blades running horizontal) or horizontally.

Ratings

UL 555 Fire Resistance Rating
Fire Rating: 1½ hours
Dynamic Closure Rating: *Actual* ratings are size dependent
Velocity: Up to 2000 fpm (10.2 m/s)
Pressure: Up to 6 in. wg (1.5 kPa)

UL 555S Leakage Rating
Leakage Class: II
Operational Rating: *Actual* ratings are size dependent
Velocity: Up to 2000 fpm (10.2 m/s)
Pressure: Up to 6 in. wg (1.5 kPa)
Temperature: Up to 350°F (177°C) - depending upon the actuator

Width and Height dimensions furnished approximately ⅛ in. (6mm) undersize. Add sleeve thickness for overall sleeved damper dimension. External right hand drive is shown.

See complete marking on product.
UL 555 and UL 555S Classification R13317
CAN/ULC-S112 Classified Fire Damper
CAN/ULC S112.1 Classified Smoke Damper

Size Limitations

W x H	Minimum Size	Maximum Size		
		Single Section	Multiple Section	
			Horizontal	Vertical
4 in. wg (1 kPa) pressure				
Inches	6 x 6*	32 x 50 or 36 x 48	144 x 96	128 x 100
mm	152 x 152	813 x 1270 or 914 x 1219	3658 x 2438	3251 x 2540
6 in. wg (1.5 kPa) pressure				
Inches	6 x 6*	36 x 48	144 x 96	128 x 96
mm	152 x 152	914 x 1219	3658 x 2438	3251 x 2438

* Down to 4 in. x 4 in. (102 mm x 102 mm) using transitions.

Model FSD-212 meets the requirements for fire dampers, smoke dampers and combination fire smoke dampers established by:
National Fire Protection Association
NFPA Standards 80, 90A, 92, 101 & 105
IBC International Building Codes
CSFM California State Fire Marshal
Fire Damper Listing (#0225-0981:103)
Leakage (Smoke) Damper Listing (#3230-0981:104)

For wood, concrete and steel attachment see Roof Anchorage Detail, Form No. CB-62.
Welded isolation springs housingare standard. For bolted spring housing, neoprene pads and spring cups see Weldment and Bolting Detail, Form No. CB-61

FEATURES

- Roof curbs sides and ends are 14 ga.
- Fully welded construction.
- Gasketing package provided.
- Heat treated wood nailer provided.
- insulated deck pans provided.
- Pitched curbs and taller curbs are available.
- CallDyn OSHPd pre-approved seismic restraints. (OPM-0401-13), (CQA).

NOTES

- Attach ductwork to roof curb. Flanges of duct rest on top of the curb, Support ductwork below the curb.
- Thru the curb utilities are available. Contact you York distributor or Provent directly.

STRUCTURALLY CALCULATED VIBRATION ISOLATION ROOF CURBS FOR PREDATOR (SUN PRO) UNITS

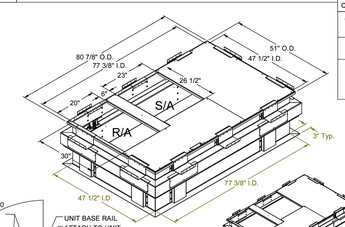
ZT, ZH, ZJ, ZR 037-150
ZF, XP, ZS 078-150

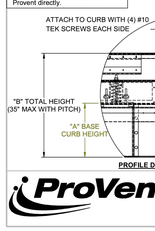
PROVENT P/N	A	B	EST. WEIGHT
CBISCPRD371518**	8"	18"	365 Lbs
CBISCPRD371521**	11"	21"	387 Lbs
CBISCPRD371524**	14"	24"	410 Lbs

**Note: Spring configuration must be added to part number at time of order

Weight of upper portion supported by spring isolators= 243 Lbs.

Meets seismic requirements for the following codes:
CBC 2022
IBC 2021





UNIT BASE RAIL
ATTACH TO UNIT WITH (4) #10 x 6" TEK SCREWS EACH CLIP
14 GA UNIT HOLD DOWN (3) PER LONG SIDE (2) PER SHORT SIDE
STIFFENER 18 GA x 7" x 3/4" AT EACH HOLD DOWN
CQA ISOLATOR RESTRAINTS (2) EACH LONG & SHORT SIDE
FULL PERIMETER WOOD NAILER
STIFFENER 16 GA, 7" x 1-1/2" 14 GA. CURB

ProVent
3847 WABASH DRIVE
MIRA LOMA, CA 91752
PHONE (951) 685-1101
FAX (619) 872-9799

SUBMITED TO:	
COMPANY:	
JOB NAME:	
EQUIPMENT:	
NOTES:	

FORM NO: CBISC-04	PART NUMBER: -	
DATE: 8/14/2023	REV: 5	DRAWN BY: FMM

(85) COMBINATION FIRE SMOKE DAMPER AT RATED WALL
NTS

COMBINATION FIRE SMOKE DAMPER PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR

(61) RTU-6.1, RTU-6.2 ROOF CURBS
NTS

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DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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BMA JOB# 25120.00

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL DETAILS

NO.	REVISION	DATE

PROJECT MANAGER

DRAWN BY	CHECKED BY
NW	RR

DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
M-023

DSA SUBMITTAL

F:\Drawings\2025\25120.00_SLO\DD Ct. 3\mfr ES Ph 2\mech\25120.00_-M-023_Details.dwg, M-023, Dec 12, 2025 3:41pm, RobynReed

BREAK-OFF BOLT AND NUT HARDWARE

½" DIA BREAK-OFF BOLT FOR MASON IND. N.Y. UCC CLAMP (REF. X3.0) (NUT BREAKS OFF AT MIN. 10 FT-LBS)

BREAK-OFF NUT FOR MASON NO. N.Y. SCB(H) CABLE BRACE BRACKETS (REF. X1.0 & X1.1) & MW-SPC PIPE CLAMPS (REF. X0.3 & X0.3.1)

MW-SCB-BON DIMENSIONS

SIZE	D	H	FOR USE WITH:	MINIMUM NUT BREAK-OFF TORQUE
5/8	15/16"	15/16"	SCB(H)-0.31	30 FT-LBS
3/4	1 1/16"	1 1/16"	SCB(H)-2	45 FT-LBS

MATERIAL: AISI 12L14 CARBON STEEL. (Fy = 60 KSI (MIN), F_t =78 KSI (MIN))

MW-UCC-BOB

MW-SCB-BON & MW-SPC-BON

MW-SPC-BON DIMENSIONS

SIZE	D	H	FOR USE WITH:	MINIMUM NUT BREAK-OFF TORQUE
3/8	5/8"	7/16"	SPC-13,15,20	20 FT-LBS
1/2	15/16"	15/16"	SPC-25,30,40,50	45 FT-LBS
5/8	1 1/16"	1 1/16"	SPC-60,80	75 FT-LBS
3/4	1 5/16"	1"	SPC-100,120	100 FT-LBS

⅜" DIA STRUT NUT WITH STUD (TESTED TO WEDGE TENSION TESTING METHOD IN ASTM F606)

MATERIAL: 1020 MILD STEEL (SPEC: GB 700 GRADE Q235B) UNLESS OTHERWISE NOTED.

NOTE: EMBLEM STAMPED ON HEAD OF MW-SSN-1/2

½" DIA BREAK-OFF NUT (NUT BREAKS OFF AT MIN. 50 FT-LBS)

MW-SSN-1/2

MW-BON-1/2

15/8"x15/8"X12 GA SINGLE STRUT OR LARGER OF SAME GAGE (NO DOUBLE STRUT FOR TENSION LOADS)

MW-SSN-1/2 TYP

MW-BON-1/2 TYP

MIN. 1¼" SQ. x¼" THICK PLATE OR SEISMIC BRACKET, TYP

MW-SSN-1/2 & MW-BON-1/2 RATINGS (ASD)

TENSION, (T_a)	SHEAR, (V_{ay})	SHEAR, (V_{az})
2620 LBS	1630 LBS	810 LBS

NOTE:
1. RATING ARE FOR (1) ATTACHMENT ONLY. CONDITIONS WITH MULTIPLE ATTACHMENTS WERE NOT TESTED.
2. COMBINED TENSION AND SHEAR LOADS SHALL BE CHECKED FOR UNITY; $T/T_a + V_a/V_{ay} + V_a/V_{az} \leq 1.0$
3. ONLY (1) MW-SSN-1/2 SHALL OCCUR WITHIN SPAN S AND ANY ADJACENT MW-SSN-1/2 SHALL BE A MINIMUM OF 4" AWAY.
4. FOR SHEAR LOADS APPLIED AT AN ANGLE UP TO 45°, THE 3" MIN. EDGE DISTANCE IS REQUIRED.

SHEAR LOAD PARALLEL TO STRUT

1½"x1½"x12 GA SINGLE STRUT

SHEAR LOAD PERPENDICULAR TO STRUT

SECTION A-A

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California SE No. S5270

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HANGER INSTALLATION DETAILS WITH ROD STIFFENER FOR STEEL OR WOOD ATTACHMENTS

6" MAX

MIN

BOTTOM OF STEEL, BEAM CLAMP OR WOOD ATTACHMENT

WASHER & NUT AS REQUIRED.

ATR HANGER

ROD STIFFENER

MASON IND. N.Y. UCC ROD STIFFENER CLAMP, TYP

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ALTERNATE ARRANGEMENT OF SEISMIC BRACES FOR DUCTWORK, IN-LINE DEVICES, AND SUSPENDED EQUIPMENT

15° MAX, 15° MAX, 15° MAX, 15° MAX

TRAPEZE MEMBERS MAY NOT BE NECESSARY. REFER TO APPROPRIATE D PAGES FOR BALANCE OF INFORMATION, TYP.

PLAN VIEW
SPLIT X-PATTERN CABLE BRACING INSTALLED IN ALTERNATING DIRECTIONS

PLAN VIEW
CABLE BRACING INSTALLED IN ALTERNATING DIRECTIONS

NOTES:
1) REFER TO APPROPRIATE DETAIL D PAGES FOR DIMENSIONS AND NOTATIONS NOT SHOWN.
2) ALLOWABLE ANGLE RANGES ARE TYPICAL FOR ALL ARRANGEMENTS OF SEISMIC BRACES.
3) RESULTANT FORCE SHALL NOT MEET AT A SINGLE POINT TO PREVENT ROTATION AT THE CENTER OF GRAVITY.

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CONSULTANT

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BMA JOB# 25120.00

MW-KY SHB KEY

J - ASTM A36

MW-KY DIMENSIONS

SIZE	R	D	T
38	7/16	7/16	11/16
50	1/2	1/2	3/4
63	5/8	1 1/16	7/8
75	3/4	1 1/16	1

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SEISMIC BRACKET ATTACHMENT TO STRUCTURAL TIMBER WITH (1) THRU BOLT OR THREADED ROD

2x2x¼ PLATE WASHER

MIN. 2x MEMBER, TYP. (MIN. SPECIES SPECIFIC GRAVITY G = 0.42 AND GRADE NO.2)

ASTM A307 BOLT OR ASTM A36 THREADED ROD, SNUG TIGHT TYP.

MASON IND. N.Y. SEISMIC BRACKET FOR SOLID OR CABLE BRACING.

Cmin1

Cmin2

Fp

ASTM A307 BOLT OR ASTM A36 THREADED ROD, WITH 2x2x¼ PLATE WASHER ON BACK SIDE OF 4x6

EQ

EQ

3" MIN

15" MIN

24" MAX

NAIL THROUGH JOIST TO END OF 4x6 WITH 6-12d COMMON NAILS FOR 2x JOISTS, 6-8d COMMON NAILS FOR 4x JOISTS WITH MIN. EDGE DIST.

MAX 4x JOIST, TYP. (MIN. SPECIES SPECIFIC GRAVITY G = 0.42 AND GRADE NO.2)

4x6 (MIN. SPECIES SPECIFIC GRAVITY G = 0.42 AND GRADE NO.2)

ADDITIONAL BLOCKING OF WOOD JOIST TO BE DESIGNED BY THE STRUCTURAL ENGINEER OF RECORD.

SEISMIC BRACE BRACKET PERPENDICULAR TO JOIST

SEISMIC BRACE BRACKET PARALLEL TO JOIST

BRACE BRACKET ATTACHMENT TYPE	ALLOWABLE LATERAL LOAD Fp - LBS	MAX BRACE RANGE θ	ASTM A307 BOLTS OR ASTM A36 THREADED ROD DIA. da INCH	MIN. EDGE Cmin1 INCH	MIN. EDGE Cmin2 INCH
38A TO 38D	250	30°- 45°	⅜	1⅛	1½
38A TO 38B	150	46°- 60°			
50A TO 50D	300	30°- 45°	½	1⅛	2
50A TO 50B	170	46°- 60°			
63A TO 63D	340	30°- 45°	⅝	1⅛	2½
63A TO 63C	200	46°- 60°			

SEE DETAIL M8.00 FOR SECTION NOTES

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HANGER ATTACHMENT TO WOOD JOIST

2x2x¼ PLATE WASHER

MIN 2x MEMBER, TYP (MIN SPECIES SPECIFIC GRAVITY G = 0.42 AND GRADE NO.2)

2.5" DIA. ASTM A307 BOLT OR ASTM A36 THREADED ROD THROUGH ¾" DIA. HOLE, WITH STANDARD WASHER ON BACK SIDE OF JOIST, TYP

L=3x3x¼, 5" LG.

½" TO ⅝" DIA. ATR HANGER

1" MIN

2" MIN

MIN

A

A

5"

1½" 4½" 4½" 1½"

¾" DIA. HOLE, TYP

HOLE SIZE, ¾" LARGER THAN ATR HANGER

VIEW A-A

AT JOIST

IN-BETWEEN JOISTS

STANDARD WASHER, TAB TYP

½" TO ⅝"DIA. ATR HANGER. DRILL HOLE IN WOOD ¾" LARGER THAN BOLT OR ROD DIA.

MAX 4xJOIST, TYP (MIN SPECIES SPECIFIC GRAVITY G = 0.42 AND GRADE NO.2)

NAIL THROUGH JOIST TO END OF 4x6 WITH 6-10d COMMON NAILS FOR 2x JOISTS, 6-40d COMMON NAILS FOR 4x JOISTS WITH MIN. EDGE 4D

4x6 (MIN SPECIES SPECIFIC GRAVITY G = 0.42 AND GRADE NO.2)

ADDITIONAL BLOCKING OF WOOD JOIST TO BE DESIGNED BY THE STRUCTURAL ENGINEER OF RECORD.

3" MIN

15" MIN

24" MAX

HANGER ATTACHMENT TYPE	ALLOWABLE VERTICAL LOAD LBS	ATR HANGER DIA. INCH
38A TO 38E	410	⅝
50A TO 50E	420	⅝
63A TO 63E	420	⅝
75A TO 75E	420	⅝

SEE DETAIL M8.00 FOR SECTION NOTES

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ALTERNATE ARRANGEMENT OF SEISMIC BRACES FOR DUCTWORK, IN-LINE DEVICES, AND SUSPENDED EQUIPMENT

15° MAX, 15° MAX

PLAN VIEW
LONGITUDINAL SOLID BRACES INSTALLED IN ALTERNATING DIRECTIONS

PLAN VIEW
ALL-DIRECTIONAL SOLID BRACES INSTALLED IN ALTERNATING DIRECTIONS

TRANSVERSE BRACE MAY BE INSTALLED IN BETWEEN HANGERS AS SHOWN ON DETAIL A6.0, TYP.

TRAPEZE MEMBER MAY NOT BE NECESSARY. REFER TO APPROPRIATE D PAGES FOR BALANCE OF INFORMATION. TYP.

PLAN VIEW
ALL-DIRECTIONAL SOLID BRACES INSTALLED IN ALTERNATING DIRECTIONS

SEE DETAIL A, TYP.

SEE NOTE 2

BRACKET MAY BE OFFSET 3" MAX FROM HANGER ROD

HSS TRAPEZE

3" MAX OFFSET

1" MAX

HSS TRAPEZE, TYP

ELEVATION VIEW DUCT ATTACHMENT TO HSS TRAPEZE

SEISMIC BRACE BRACKET OFFSET FROM HANGER ROD FOR HSS TRAPEZE

¾" MIN. TYP.

1" TYP

HSS

(1) 1.5"x.156(t) AT EACH DUCT CORNER

#12-24 ITW BUILDEX TEKS SCREWS CENTERED ON ANGLE LEGS. REFER TO THE APPROPRIATE DETAIL D PAGES FOR THE MIN. NUMBER OF SCREWS REQ'D TO DUCT AND MATCH QUANTITY OF SCREWS TO HSS.

1" MAX.

DETAIL A

NOTES:
1) REFER TO APPROPRIATE DETAIL D PAGES FOR DIMENSIONS AND NOTATIONS NOT SHOWN.
2) WHEN INSTALLING SHB TO BOTTOM OF TRAPEZE, MW-KY SHB KEY IS REQ'D (REF. X2.4).
3) ALLOWABLE ANGLE RANGES ARE TYPICAL FOR ALL ARRANGEMENTS OF SEISMIC BRACES.

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PAGE A6.1

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SSBS / SHB ALTERNATE CONNECTIONS

OPEN SIDE OF SINGLE OR DOUBLE STRUT MEMBER; TYP. (REF X2.0)

(1) 1/2"Ø BOLT (ASTM A307) AND STRUT NUT IN CENTER HOLE, TORQUE TO 50 FT-LBS OR USE 50 FT-LBS MIN. BREAK-OFF NUT

STANDARD WASHER, TYP

1" MIN

SSBS (1) BOLT ATTACHMENT TO STRUT

(1) 1/2"Ø BOLT (ASTM A307) AND STRUT NUT IN CENTER HOLE, TORQUE TO 50 FT-LBS MIN. BREAK-OFF NUT

SHB (1) BOLT ATTACHMENT TO STRUT

(2) 1/2"Ø BOLTS (ASTM A307) AND STRUT NUTS IN (2) OUTSIDE HOLES, TORQUE TO 50 FT-LBS OR USE 50 FT-LBS MIN. BREAK-OFF NUT

½" MIN.

SSBS (2) BOLT ATTACHMENT TO STRUT

SHB (2) BOLT ATTACHMENT TO STRUT

STEEL ANGLE MEMBER (REF X2.6)

(2) 1/2"Ø BOLTS (ASTM A307) AND NUTS IN (2) OUTSIDE HOLES, SNUG TIGHT

⅝"x⅜" HOLE, TYP

STANDARD WASHER, TYP

L3x3x¼ OR LARGER

½" MIN.

SSBS (2) BOLT ATTACHMENT TO STEEL ANGLE

SHB (2) BOLT ATTACHMENT TO STEEL ANGLE

NOTES:
1. MW-SSN AND MW-BON MAY BE SUBSTITUTED FOR ½"Ø BOLT AND STRUT NUT DETAILED ABOVE. (REF PAGE X4.0)
2. FOR INSTALLATION TO CLOSED SIDE OF STRUT MEMBER, USE ⅝"Ø BOLT(S) (ASTM A307) AND NUTS.

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PAGE X2.3

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BRACE BRACKET DESIGNATION, ATTACHMENT AND SECTION NOTES

BRACE ANCHOR SIZE DESIGNATION	DIAMETER (INCH)
38	⅜
50	½
63	⅝
75	¾
88	⅞
100	1
125	1¼

HORIZONTAL LOAD RATING DESIGNATION	MAXIMUM ALLOWABLE LOAD (LBS)
A	75
B	125
C	175
D	250
E	350
F	450
G	575
H	700
J	850
K	1000
L	1250
M	1500
N	2000
P	2500
Q	3500
R	5000
S	7500
T	11000

NOTES:
1 - "N" SERIES PAGES ARE COMPRISED OF SEISMIC BRACE BRACKET ANCHORAGE CAPACITIES FOR VARIOUS TYPES OF ANCHORAGE CONDITIONS. EACH BRACE BRACKET ATTACHMENT TYPE IS DESIGNATED BY A SET OF NUMBERS AND A LETTER. THE NUMBERS REPRESENTS THE BRACE BRACKET ATTACHMENT SIZE (FOUND IN THE BRACE ANCHOR SIZE TABLE) AND THE LETTER REPRESENTS THE MAXIMUM ALLOWABLE HORIZONTAL LOAD CAPACITY (FOUND IN THE HORIZONTAL LOAD RATING TABLE).

LEGEND (HANGER ATTACHMENT TYPE)

DENOTES BRACE BRACKET ANCHOR SIZE

X

DENOTES HORIZONTAL LOAD RATING

EXAMPLE: 63L REPRESENTS BRACE BRACKET ANCHOR SIZE OF ⅝"Ø WITH A MAXIMUM HORIZONTAL LOAD RATING OF 1,250 LBS.

2 - BRACE BRACKET ANCHORAGE ATTACHMENTS TO STRUCTURE MAY BE USED WITH ANY ONE OF "N" SERIES PAGES, PROVIDED BRACE BRACKET ATTACHMENT SIZE IS APPROPRIATE FOR THE APPLICATION AND THE ALLOWABLE HORIZONTAL LOAD CAPACITY IS MET.

3 - STRUCTURAL ENGINEER OF RECORD TO VERIFY ADEQUACY OF THE STRUCTURE FOR THE TABULATED LOADS.

4 - NOT USED.

5 - WHEN CONCRETE ANCHORS ARE INSTALLED AT THE BOTTOM OF THE CONCRETE FILLED METAL DECK, MINIMUM END DISTANCE AND SPACING REQUIREMENTS ARE ALONG FLUTE LENGTH ONLY.

6 - SEE X7.5 AND X7.1 FOR STRUT MEMBER DATA.

7 - ALL CONCRETE FLAT SLABS, WALLS, AND BEAMS MUST HAVE A MINIMUM OF #4 BAR OR GREATER BETWEEN THE ANCHOR AND THE EDGE OF CONCRETE.

8 - ON PAGES N1.XX AND N2.XX, THE DESIGN PROFESSIONAL SHALL USE THE ALLOWABLE LATERAL LOADS UNDER OVERSTRENGTH FACTOR Ω_0 =2.5=USE THE LATERAL SUPPORT COMPLIES WITH ONE OF THE CONDITIONS LISTED IN ACI 318-14 CHAPTER 17, SECTION 17.2.3.4.3.

9 - POST-INSTALLED ANCHORS MAY BE INSTALLED A MINIMUM OF 3 BOLT DIAMETERS AWAY FROM ABANDONED HOLES, AND A MINIMUM OF 1.5 BOLT DIAMETERS FROM DRYPACK MORTAR FILLED HOLES OR DRYPACK MORTAR SHALL HAVE A COMPRESSIVE STRENGTH EQUAL TO OR GREATER THAN THE CONCRETE STRENGTH IN WHICH IT IS BEING USED.

10 - ALL-THREAD RODS MUST BE MADE OF A36, A307 (GRADE A OR B), OR F1554 GR36 STEEL. ROD COUPLERS MUST CONFORM TO ASTM A563 STEEL WITH A MINIMUM OF 58 KSI TENSILE STRENGTH. MINIMUM ENGAGEMENT INTO ROD COUPLER MUST BE EQUAL TO THE ATR DIAMETER.

11 - PER CBC SECTION 1905A.1.9, CONCRETE COMPRESSIVE STRENGTH, f'c, SHALL BE LIMITED TO 8,000 PSI MAX, BUT MAY BE INCREASED SUBJECT TO OSHPD REVIEW AND APPROVAL ON A PROJECT BY PROJECT BASIS.

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PAGE N0.00

1/23/2023 OPM-0043: Reviewed for Code Compliance by William Staehlin 589 of 792

HANGER DESIGNATION, ATTACHMENT AND SECTION NOTES

PIPE OR CONDUIT SIZE	HANGER ROD SIZE DESIGNATION	HANGER ROD SIZE DIAMETER (INCH)
UP TO 2"	38	⅜
2½" TO 3"	50	½
4" TO 5"	63	⅝
6" TO 18"	75	¾
19" TO 12"	88	⅞
14" TO 18"	100	1
20" TO 24"	125	1¼

LEGEND (HANGER ATTACHMENT TYPE)

DENOTES ATR HANGER SIZE

X

DENOTES VERTICAL LOAD RATING

DISTRIBUTION SYSTEM PIPE/CONDUIT	DUCTWORK	CABLE TRAY	HANGER ROD SIZE DESIGNATION	HANGER ROD SIZE DIAMETER (INCH)
30 LBS/FT	20 LBS/FT	20 LBS/FT	38	⅜
60 LBS/FT	60 LBS/FT	45 LBS/FT	50	½
100 LBS/FT	100 LBS/FT	55 LBS/FT	63	⅝
300 LBS/FT			75	¾
500 LBS/FT			100	1
500 LBS/FT			125	1¼

VERTICAL LOAD RATING DESIGNATION	MAXIMUM ALLOWABLE LOAD (LBS)
A	75
B	125
C	175
D	250
E	350
F	450
G	575
H	700
J	850
K	1000
L	1250
M	1500
N	2000
P	2500
Q	3500
R	5000
S	7500
T	11000

NOTES:
1 - "N" SERIES PAGES ARE COMPRISED OF HANGER ANCHORAGE CAPACITIES FOR VARIOUS TYPES OF ANCHORAGE CONDITIONS AT SEISMIC BRACE LOCATIONS ONLY. EACH HANGER ATTACHMENT TYPE IS DESIGNATED BY A SET OF NUMBERS AND A LETTER. THE NUMBERS REPRESENTS THE HANGER ROD SIZE (FOUND IN THE HANGER ROD SIZE TABLE) AND THE LETTER REPRESENTS THE MAXIMUM ALLOWABLE LOAD (FOUND IN THE VERTICAL LOAD RATING TABLE).

EXAMPLE: 38H REPRESENTS HANGER ROD SIZE OF ⅜"Ø WITH A MAXIMUM ALLOWABLE VERTICAL LOAD RATING OF 700 LBS.

2 - HANGER ANCHORAGE ATTACHMENTS TO STRUCTURE MAY BE USED WITH ANY ONE OF "N" SERIES PAGES, PROVIDED HANGER ATTACHMENT SIZE IS APPROPRIATE FOR THE APPLICATION AND THE ALLOWABLE VERTICAL LOAD CAPACITY IS MET.

3 - STRUCTURAL ENGINEER OF RECORD TO VERIFY ADEQUACY OF THE STRUCTURE FROM LOADING IMPOSED BY VERTICAL HANGER ATTACHMENT.

4 - WHERE ROD STIFFENER IS REQUIRED, SEE M10.12.

5 - NOT USED.

6 - HANGER ROD MAY BE INSTALLED UP TO 4 DEGREES FROM PERPENDICULAR TO CONCRETE SURFACE.

7 - WHEN CONCRETE ANCHORS ARE INSTALLED AT THE BOTTOM OF THE CONCRETE FILLED METAL DECK, MINIMUM END DISTANCE AND SPACING REQUIREMENTS ARE ALONG FLUTE LENGTH ONLY.

8 - SEE X7.5 AND X7.1 FOR STRUT MEMBER DATA, FOR CONDITIONS WHERE HOLES THROUGH STRUT MEMBERS ARE REQ'D, HOLES SHALL BE STD SIZE HOLES, TYP, U.N.O. WHERE PUNCHED STRUT OR HOLES ARE REQ'D, MIN. SPACING, EDGE, AND END DISTANCES SHALL BE MAINTAINED AS REQ'D PER DETAIL.

9 - ALL-THREAD RODS MUST BE MADE OF A36, A307 (GRADE A OR B), OR F1554 GR36 STEEL. ROD COUPLERS MUST CONFORM TO ASTM A563 STEEL WITH A MINIMUM OF 58 KSI TENSILE STRENGTH. MINIMUM ENGAGEMENT INTO ROD COUPLER MUST BE EQUAL TO THE ATR DIAMETER. ATR HANGER IS PERMITTED FOR COMPRESSION AND TENSION LOADING CONDITIONS ONLY. NO SHEAR LOADING.

10 - ALL CONCRETE FLAT SLABS, WALLS, AND BEAMS MUST HAVE A MINIMUM OF #4 BAR OR GREATER BETWEEN THE ANCHOR AND THE EDGE OF CONCRETE.

11 - DESIGN IS CONTROLLED BY SEISMIC FORCES. NON-SEISMIC FORCES SUCH AS GRAVITY ARE OUTSIDE THE SCOPE OF THIS OPM.

12 - POST-INSTALLED ANCHORS MAY BE INSTALLED A MINIMUM OF 3 BOLT DIAMETERS AWAY FROM ABANDONED HOLES, AND A MINIMUM OF 1.5 BOLT DIAMETERS AWAY FROM DRYPACK MORTAR FILLED HOLES. DRYPACK MORTAR SHALL HAVE A COMPRESSIVE STRENGTH EQUAL OR GREATER THAN THE CONCRETE STRENGTH IN WHICH IT IS BEING USED.

13 - THE HANGER ROD AT SEISMIC BRACE LOCATIONS IS SUBJECTED TO GRAVITY LOAD AS WELL AS LATERAL AND VERTICAL SEISMIC LOADS AND HAS BEEN DESIGNED FOR SUCH COMBINED LOADING IN COMPLIANCE WITH THE CALIFORNIA BUILDING CODE, CALIFORNIA OSHPD AND STANDARD STRUCTURAL STEEL PRACTICES AND ARE NOT SUBJECT TO THE HANGER ROD DIAMETERS BE SIZED FOR GRAVITY LOADS ONLY. THEY MAY BE OVERSIZED FOR SEISMIC LOADING, SEISMIC CLEARANCES, ETC. IN ORDER TO AVOID THE DELIVERY OF STRUCTURAL COMPONENTS THAT MATCH FIELD ERECTED MATERIALS, THE HANGER ROD FOR INDIVIDUAL PIPES AND TRAPEZED SYSTEMS AT SEISMIC BRACE LOCATIONS SHOULD ADHERE TO THE TABLES ABOVE.

14 - PER CBC SECTION 1905A.1.9, CONCRETE COMPRESSIVE STRENGTH, f'c, SHALL BE LIMITED TO 8,000 PSI MAX, BUT MAY BE INCREASED SUBJECT TO OSHPD REVIEW AND APPROVAL ON A PROJECT BY PROJECT BASIS.

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PAGE M0.00

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HANGER ROD DIAMETER = ½"

SUSPENDED EQUIPMENT SEISMIC SOLID BRACING SYSTEM 375 LB MAX VERTICAL LOAD PER HANGER

KIT OPTIONS
S12SE
S1220SE
SH412SE
SH420SE

REF. M PAGES FOR CONNECTION DETAILS

⅝"Ø ASTM A36 ATR, TYP

15gx15gx12GA SINGLE STRUT. ROD STIFFENER WHERE REQ'D. 1, 2

MASON IND. N.Y. UCC ROD STIFFENER CLAMP, TORQUE TO 10 FT-LBS. 3, TYP

1" MIN T&B,TYP

6" MAX T&B, TYP

38" O.C. MAX 1-1/16" MIN

1" MIN

REF. N PAGES FOR BRACKET CONNECTION DETAILS

MASON IND. N.Y. SSBS-12 OR SSBS-20 3

(1) MW-SSN-1/2 OR MW-BON-1/2 TORQUED UNTIL NUT BREAKS OFF (REF. PAGE X4.0) 3

REFER TO TABLE FOR ALLOWABLE BRACE ANGLE RANGE

BRACE MEMBER 3
15gx15gx12GA SINGLE STRUT (9'-6" MAX)
15gx15gx12GA DOUBLE STRUT (14'-6" MAX)

(1) MW-SSN-1/2 WITH MW-BON-1/2 TORQUED UNTIL NUT BREAKS OFF (REF. PAGE X4.0) 3

MASON IND. N.Y. SHB-1/2 AS SHOWN OR SSBS-12 OPTION 1, 2, 3, 5

EQUIPMENT THICKNESS = ASTM A653 GR33 19GA MIN. 1, 4

REQ. NUT, T&B, TYP

BRACE ANGLE RANGE θ	MAX ALLOWABLE FORCE PER SEISMIC BRACE ASSEMBLY, Fp
30° - 45°	500 LBS
46° - 60°	290 LBS

NOTES:
1. REF. SECTION A1 FOR GENERAL NOTES.
2. PROVIDE ROD STIFFENERS ONLY WHERE SEISMIC BRACKETS ARE ATTACHED TO THE ROD AND ROD LENGTH (L) EXCEEDS 25". REF. APPROPRIATE M10 PAGES FOR DETAILS.
3. REF. PAGE A6.0 - A6.2 FOR ALTERNATE ARRANGEMENTS OF SEISMIC BRACES.
4. PROVIDE (1) 1/2" DIA. CONNECTION IN CENTER HOLE WHEN STRUT BRACE IS INSTALLED INSIDE THE BRACKET AND (2) 1/2" DIA. CONNECTIONS IN (2) OUTER HOLES WHEN STRUT BRACE IS INSTALLED OUTSIDE OF THE BRACKET. REF. X2.3 FOR CONNECTION DETAILS.
5. MW-KY-00 (REF. X2.4) MUST BE USED ON TOP OF BOTTOM SHB WHEN STACKING (2) SHB ON THE SAME ROD.
6. ADDITIONAL GRAVITY HANGERS MAY BE REQUIRED PER EQUIPMENT MANUFACTURER'S GUIDELINES.
7. ALTERNATE TO SHOWN HANGER/BRACE ATTACHMENT TO EQUIPMENT, HANGER RODS/BRACES MAY BE ATTACHED PER EQUIPMENT OSP OR TO EQUIPMENT MANU. CLIPS WITH ASTM A653 GR33 19GA MIN. THICKNESS & ½" MIN. STEEL EDGE DISTANCE.
8. ATTACHMENT TO THE EQUIPMENT SHALL BE DESIGNED AND SUBMITTED TO OSHPD FOR APPROVAL.

LONGITUDINAL BRACE CAN BE MASON IND. N.Y. SHB-1/2 AS SHOWN OR SSBS-12 OPTION, TYP. 1, 3, 5, 6

15° MAX

Fp

VIEW A-A

SSBS OPTION

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ALTERNATE ARRANGEMENT OF SEISMIC BRACES FOR DUCTWORK, IN-LINE DEVICES, AND SUSPENDED EQUIPMENT

ELEVATION VIEW
SOLID BRACE INSTALLED IN-BETWEEN HANGERS (TRANSVERSE OR ALL-DIRECTIONAL BRACE)

10" MIN, TYP

ELEVATION VIEW
SOLID BRACE INSTALLED AT BOTTOM TRAPEZE (TRANSVERSE BRACE ONLY)

PLAN VIEW
CABLE X-PATTERN BRACE INSTALLED IN-BETWEEN HANGERS

ELEVATION VIEW
CABLE BRACE INSTALLED IN-BETWEEN HANGERS

ELEVATION VIEW
CABLE BRACE INSTALLED AT BOTTOM TRAPEZE (TRANSVERSE BRACE ONLY)

ELEVATION VIEW
CABLE BRACE INSTALLED AT ANGLE HANGER (TRANSVERSE BRACES ONLY)

MIN 1"x1"x1/8"x ASTM A36 STRUT WASHER PLATE WHERE SCBH-0.31 USED

MIN 1½"x1½"x¼ ASTM A36 STRUT WASHER PLATE (REQ'D WHERE SCBH-0.31 USED)

SEE NOTE 2

1" MIN

3" MAX OFFSET

STRUT TRAPEZE

(TRANSVERSE BRACE ONLY)

(LONGITUDINAL OR ALL-DIRECTIONAL BRACE)

ANGLE TRAPEZE

(TRANSVERSE, LONGITUDINAL OR ALL-DIRECTIONAL BRACE)

SEISMIC BRACE BRACKET OFFSET FROM HANGER RODS

NOTES:
1) REFER TO APPROPRIATE DETAIL D PAGES FOR DIMENSIONS AND NOTATIONS NOT SHOWN.
2) WHEN INSTALLING SHB TO BOTTOM OF TRAPEZE, MW-KY SHB KEY IS REQ'D (REF. X2.4).

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PAGE A6.0

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

MECHANICAL DETAILS - OPM 0043

NO.	REVISION	DATE
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PROJECT MANAGER

DRAWN BY: NW | CHECKED BY: RR

DATE: 12/12/2025

PROJECT NUMBER: 0100-06-ED24

SHEET: M-024

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111 OPM COMPONENTS NTS

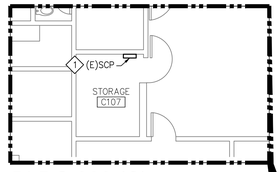
106 OPM UPPER CONNECTIONS NTS

96 OPM FAN COIL & EXHAUST FAN BRACING NTS

91 OPM GENERAL NOTES NTS

REFERENCE NOTES

1. Existing Supervisory Control Panel (SCP) at location shown. Contractor to replace existing FX-80 with new upgraded FX-90. Contractor to ensure operability of existing units in Bldg. 100 and Admin Bldg. C. Re-use existing panel enclosure. Refer to MC sheets.



BLDG 300 (C)
2 PARTIAL FLOOR PLAN
SCALE: 1/8" = 1'-0"

SEE SHEETS M7-101, M7-102, M7-121 FOR MECHANICAL SCOPE IN BLDG. 700 (D)

BLDG 700

BLDG 300(C)

BLDG 200

SEE SHEETS M2-101, M2-102, M2-121 FOR MECHANICAL SCOPE IN BLDG. 200 (B)

BLDG 100(A)

SEE SHEETS M5-101, M5-102, M5-121 FOR MECHANICAL SCOPE IN BLDG. 500 (E)

BLDG 500

BLDG 400

SEE SHEETS M4-101, M4-102, M4-121 FOR MECHANICAL SCOPE IN BLDG. 400 (F)

BLDG 600

SEE SHEETS M6-101, M6-102 M6-103, M6-104, M6-121, M6-122 FOR MECHANICAL SCOPE IN BLDG. 600 (G)

MECHANICAL SITE PLAN
SCALE:1/16"=1'-0"

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DATE: 03/04/2026

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DSA APP.#: 03-125575
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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL SITE PLAN

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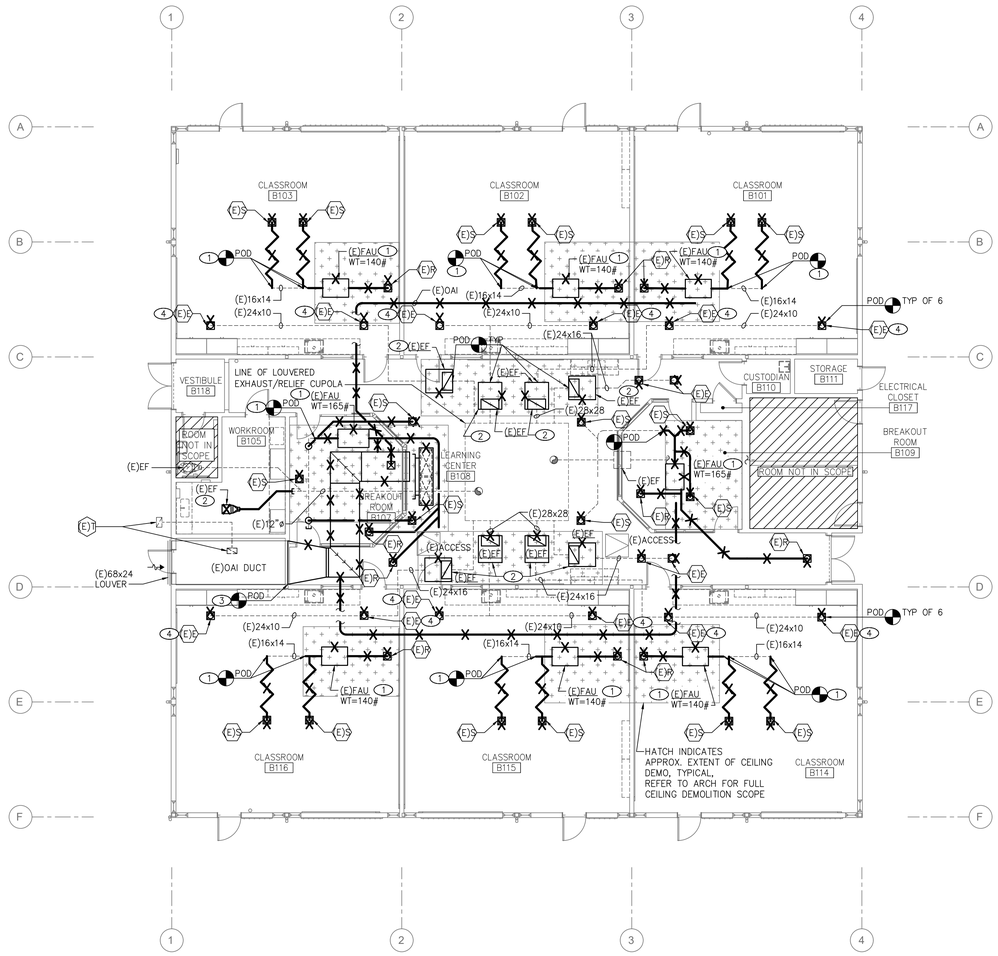
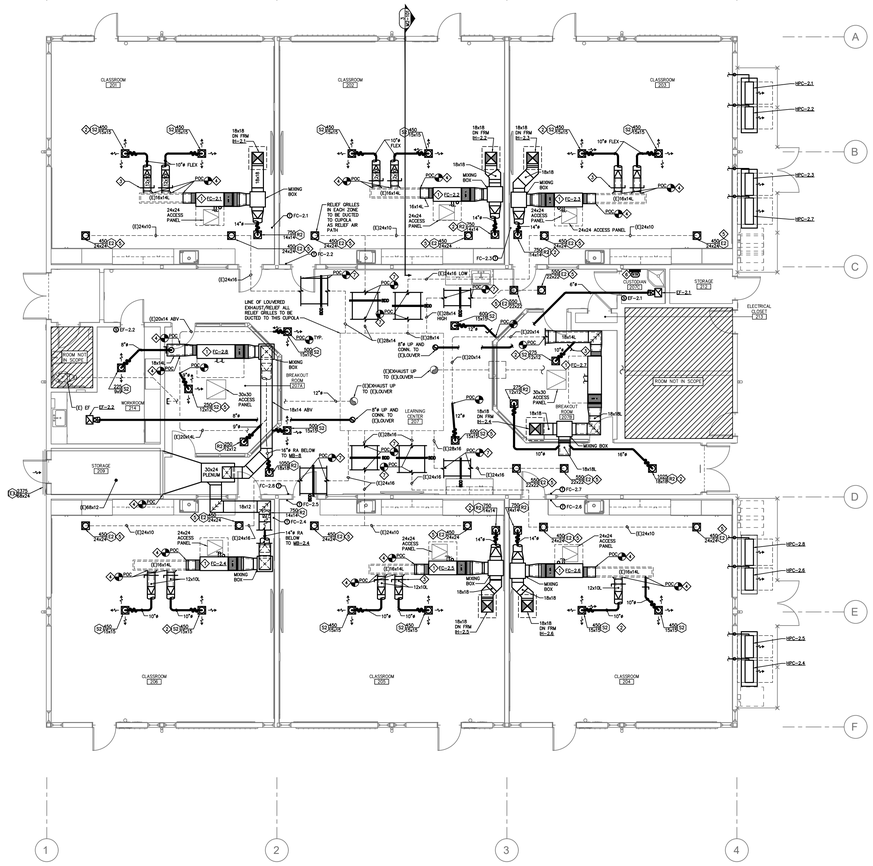
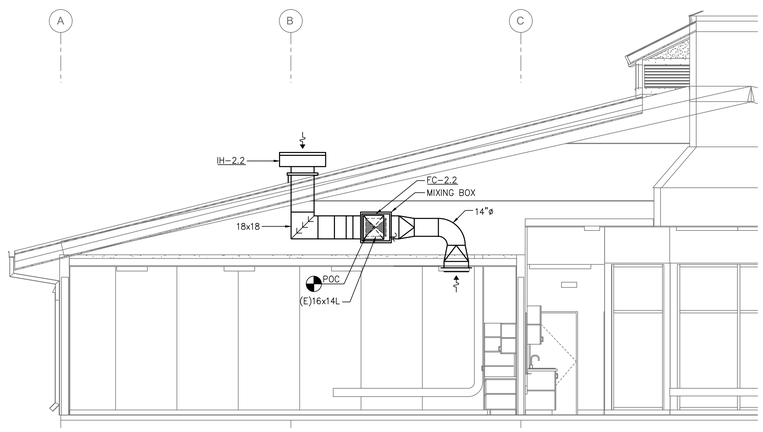


1 MECHANICAL BUILDING 200 (B) - OVERALL - FLOOR PLAN DEMO
SCALE:1/8"=1'-0"



2 MECHANICAL BUILDING 200 (B) - OVERALL - FLOOR PLAN
SCALE:1/8"=1'-0"



3 MECHANICAL SECTION
SCALE: 1/4"=1'-0"

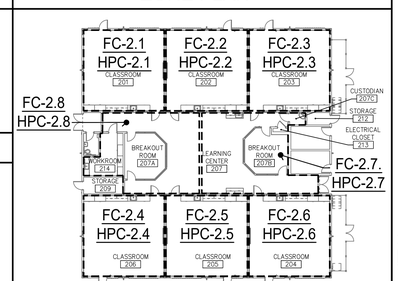
GENERAL NOTES

1. This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.
2. See enlarged partial mechanical proposed floor plan M2-102 for all reference notes and revisions.

DEMOLITION NOTES

1. Demolish and remove existing furnace, flue, SA/RA ductwork, and associated appurtenances up to Point of Disconnect (POD) shown.
2. Demolish and remove existing exhaust fan, ductwork, grilles and all associated appurtenances to point of disconnect (POD) shown.
3. Demolish and remove existing OAI ductwork to point of disconnect (POD) shown.
4. Demolish and remove existing exhaust grille. Prepare for connection to new grille.

ZONE PLAN



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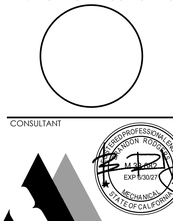

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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 200 (B)
OVERALL DEMOLITION AND PROPOSED FLOOR PLANS

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DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M2-101

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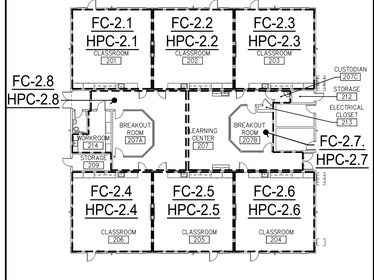
GENERAL NOTES

1. Contractor to field verify sizes of existing duct.
2. Refer to detail 46/M-022 for hanging duct support.
3. Contractor to clean all reused ductwork. Refer to specification section 230130, HVAC system cleaning
4. Install CO2 sensor in each classroom on wall adjacent to thermostat. Refer to MC sheets.

REFERENCE NOTES

1. Platform mounted horizontal fan coil, provide the following:
   - Acoustically lined SA/RA plenums
   - Note that fan coil is to be accessed via ceiling access panel.
   - Refer to detail 26/M-021 for economizing mixing box. Contractor to set minimum OAI damper position to provide value shown on fan coil schedule at TABB. Refer to MC sheets.
   - Route refrigerant piping shortest distance between fan coil and condensing unit on ground outside. Refer to detail 14/M-021 for pipe support and 48/M-022 for refrigerant pipe penetration at exterior wall.
   - Any refrigerant piping routed on the ground and subject to being damaged to be protect by duct shroud per detail 37/M-022.
2. Typical diffuser connection:
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
3. Typical volume damper. Refer to detail 23/M-021 or 24/M-021, depending on condition. Dampers to be accessed from attic space.
4. Connect new duct to existing at Point of Connection (POC) shown.
5. Attach new replacement grille to existing duct at this location.
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
6. Surface-mount router panel at location shown. Electrical to provide 120-1-60 power and comm. for panel. Refer to MC sheets for more information. Refer to detail 3/MC-101.
7. Reconnect existing exhaust ductwork as relief air path, provide BDD sized for the (e)fan connection size (approximately 40x12).

ZONE PLAN



MECHANICAL ENLARGED BUILDING 200 (B) - PROPOSED - FLOOR PLAN

SCALE:1/4"=1'-0"

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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 200 (B) ENLARGED PROPOSED FLOOR PLAN

NO.	REVISION	DATE
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PROJECT MANAGER

DRAWN BY	CHECKED BY
NW	RR

DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M2-102

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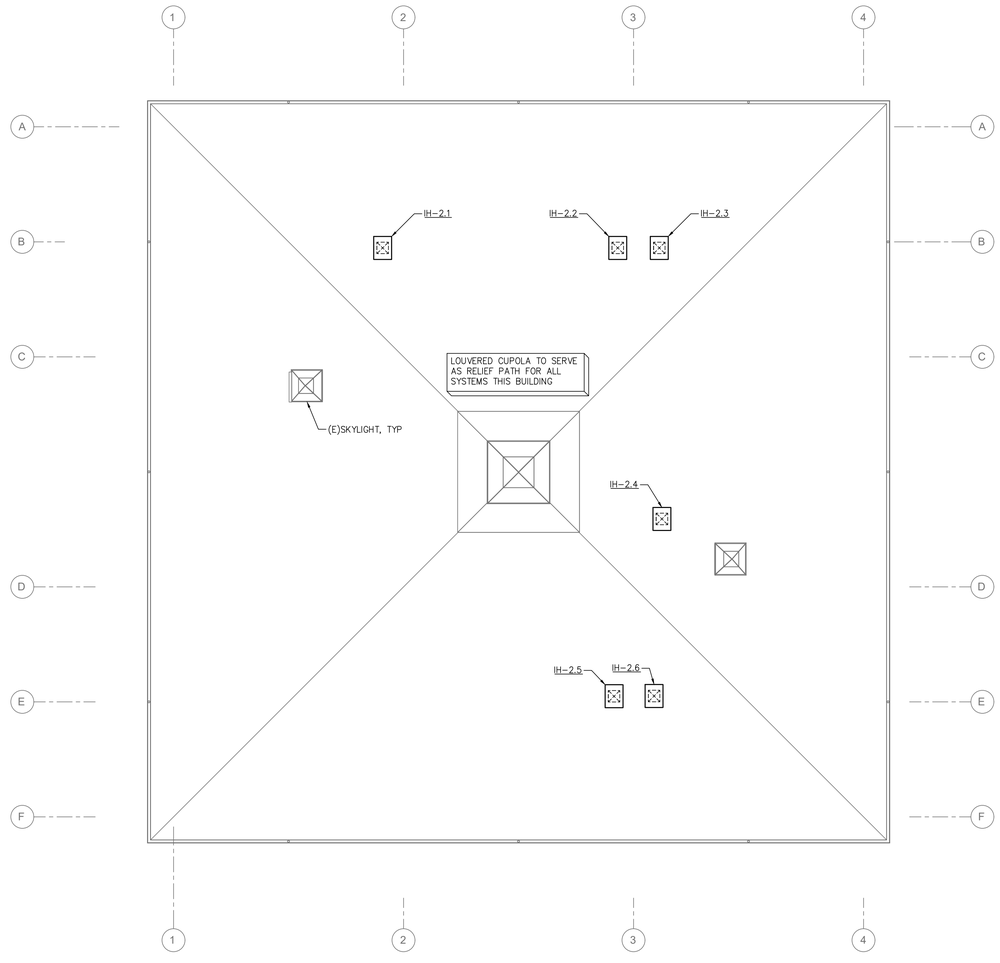
F:\Drawings\2025\25120.00_SLCUSD CL Smith ES Ph 2\mech\25120.00_BLD 200 B_M2-102_M2-103_M2-121.dwg, M2-102, Dec 12, 2025, 3:41pm, RobynReed



2 MECHANICAL BUILDING 200 (B) - PROPOSED - ROOF PLAN

SCALE:1/8"=1'-0"

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DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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BMA JOB# 25120.00

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

MECHANICAL BLDG 200 (B)
DEMOLITION AND PROPOSED
ROOF PLANS

NO.	REVISION	DATE
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NW	RR

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
M2-121

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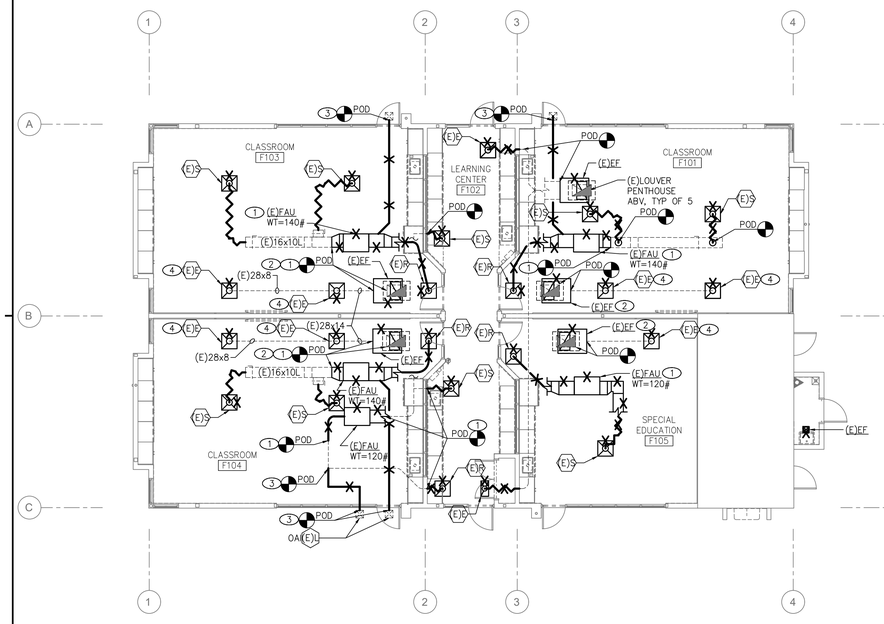
GENERAL NOTES

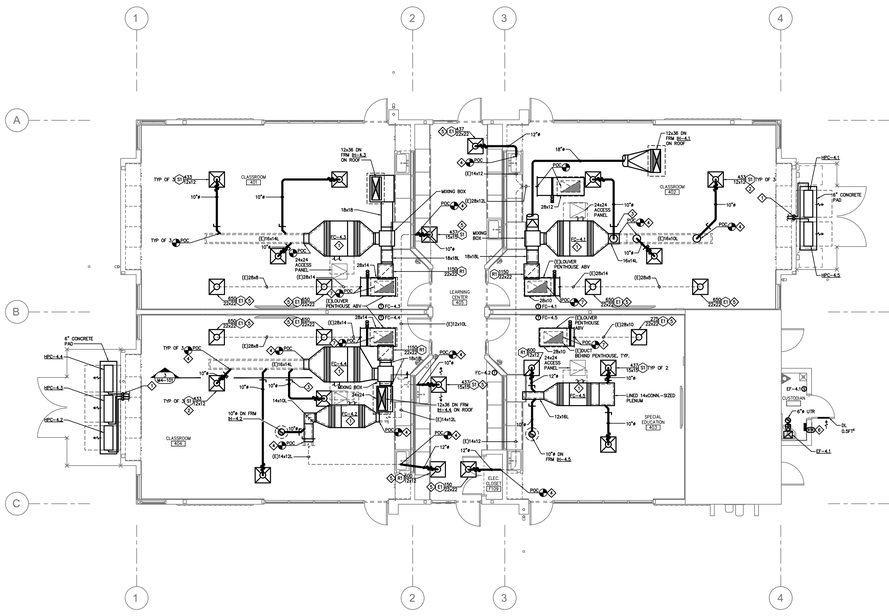
1. This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.
2. See enlarged partial mechanical proposed floor plan M4–102 for all reference notes and revisions.

DEMOLITION NOTES

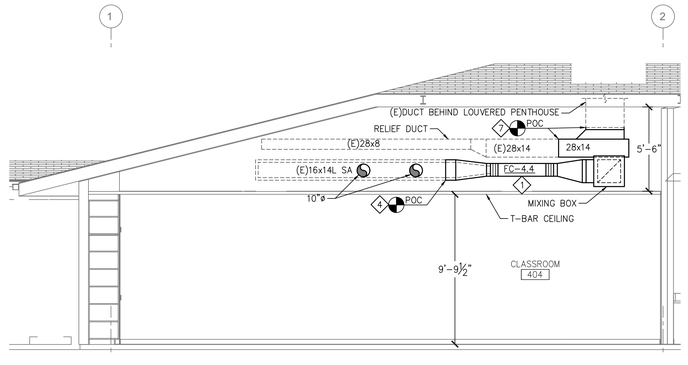
1. Demolish and remove existing furnace, flue, SA/RA ductwork, and associated appurtenances up to Point of Disconnect (POD) shown.
2. Disconnect exhaust fan from existing duct behind louvered penthouse. Demolish and remove existing exhaust fan, ductwork and all associated appurtenances to point of disconnect (POD) shown. Prepare existing exhaust duct behind penthouse for new connection.
3. Demolish and remove existing OAI ductwork to point of disconnect (POD) shown. Cap duct to an airtight condition. Existing OAI to louver remain, abandoned in place.
4. Demolish and remove existing exhaust grille, flex duct, and associated appurtenances up to connection at existing exhaust main. Prepare main for connection to new grille.



2 MECHANICAL BUILDING 400 (F) - OVERALL - FLOOR PLAN DEMO
SCALE:1/8" = 1'-0"

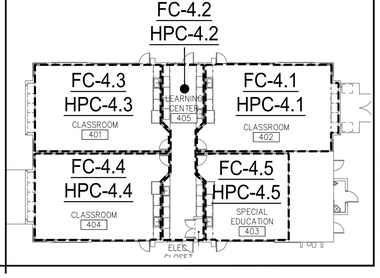


1 MECHANICAL BUILDING 400 (F) - OVERALL - FLOOR PLAN
SCALE:1/8" = 1'-0"



3 MECHANICAL SECTION
SCALE:1/4"=1'-0"

ZONE PLAN



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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 400 (F) OVERALL DEMOLITION AND PROPOSED FLOOR PLANS

NO.	REVISION	DATE
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PROJECT MANAGER
DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M4-101

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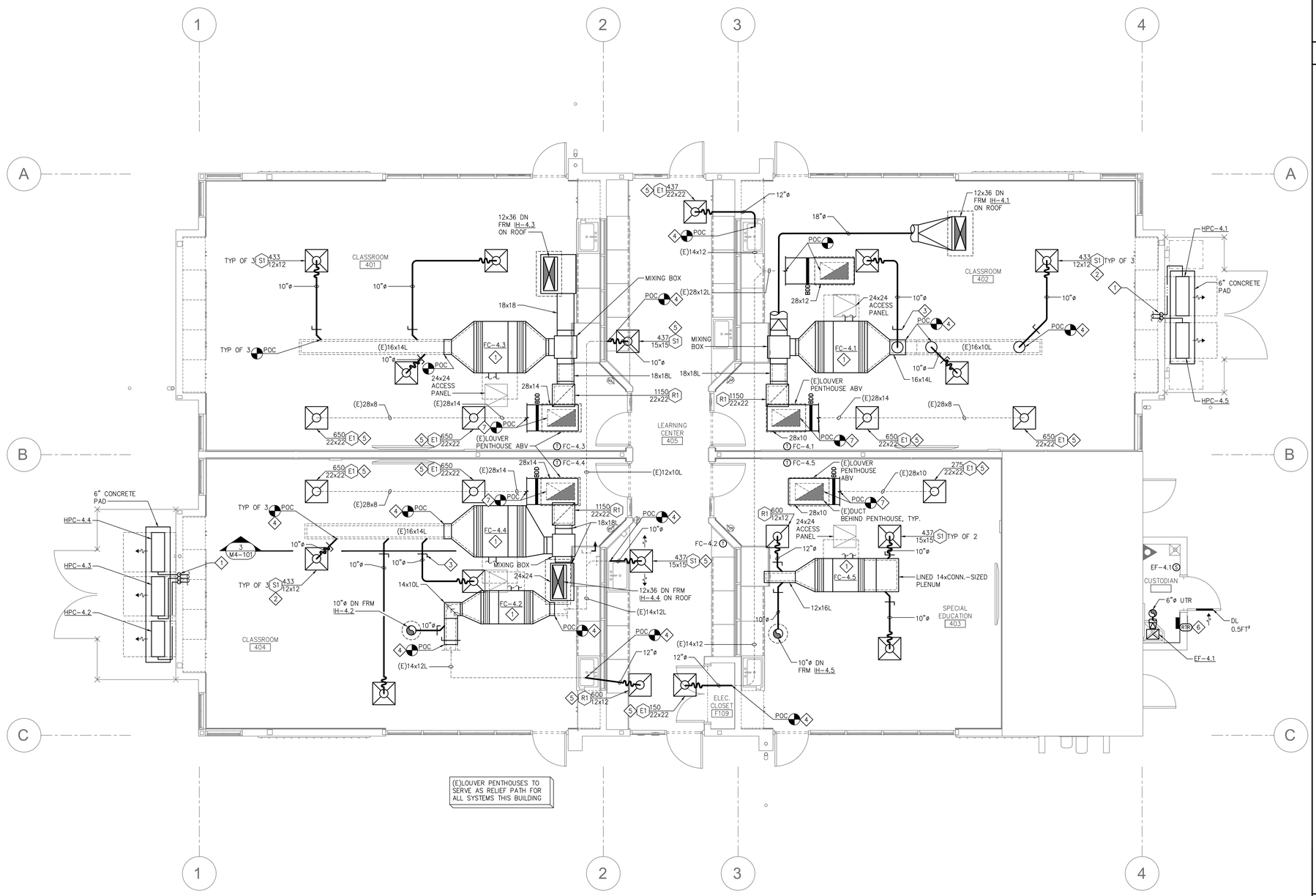


1 MECHANICAL ENLARGED BUILDING 400 (F) - PROPOSED - FLOOR PLAN

SCALE:1/4" = 1'-0"

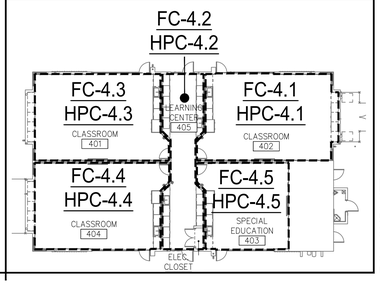
GENERAL NOTES

1. Contractor to field verify sizes of existing duct.
2. Refer to detail 46/M-022 for hanging duct support.
3. Contractor to clean all reused ductwork. Refer to specification section 230130, HVAC system cleaning
4. Install CO2 sensor in each classroom on wall adjacent to thermostat, excluding systems HPC/FC-4.2 and HPC/FC-4.5. Refer to MC sheets.

REFERENCE NOTES

1. Suspended horizontal fan coil, provide the following:
   - Acoustically lined SA/RA plenums
   - Note that fan coil is to be accessed via t-bar.
   - Refer to detail 26/M-021 for economizing mixing box. Contractor to set minimum OAI damper position to provide value shown on fan coil schedule at TABB. Refer to MC sheets.
   - Fan coils FC-4.2 and FC-4.5 to have manual fixed outside air intake. Refer to value shown on fan coil schedule.
   - Route refrigerant piping shortest distance between fan coil and condensing unit on ground outside. Refer to detail 14/M-021 for pipe support and 48/M-022 for refrigerant pipe penetration at exterior wall.
   - Any refrigerant piping routed on the ground and subject to being damaged to be protect by duct shroud per detail 37/M-022.
2. Typical diffuser connection:
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
3. Typical volume damper. Refer to detail 23/M-021 or 24/M-021, depending on condition. Dampers to be accessed from attic space.
4. Connect new duct to existing at Point of Connection (POC) shown.
5. Attach new replacement grille to existing duct at this location.
   - Provide balancing damper if needed.
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
6. Surface-mount router panel at location shown. Electrical to provide 120-1-60 power and comm. for panel. Refer to MC sheets for more information. Refer to detail 3/MC-101.
7. Extend existing duct behind existing 24x36 louvered penthouse. Size duct extension to match existing duct. Route duct down to connect to new relief duct at Point of Connection (POC) shown.

ZONE PLAN



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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 400 (F) ENLARGED PROPOSED FLOOR PLAN

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PROJECT MANAGER
DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M4-102

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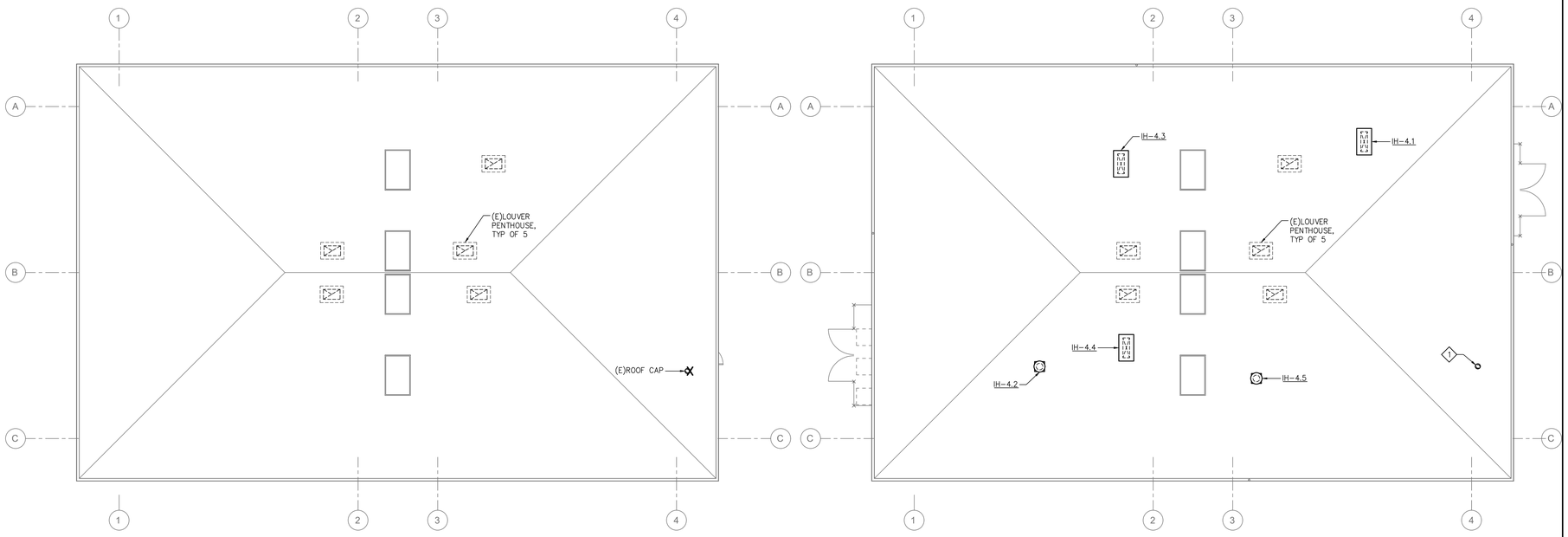

2 MECHANICAL BUILDING 400 (F) - ROOF PLAN DEMO
SCALE:1/8" = 1'-0"

1 MECHANICAL BUILDING 400 (F) - PROPOSED - ROOF PLAN
SCALE:1/8" = 1'-0"

REFERENCE NOTES

1 Roof jack, refer to detail 57/M-022.

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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 400 (F) DEMOLITION AND PROPOSED ROOF PLANS

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PROJECT MANAGER
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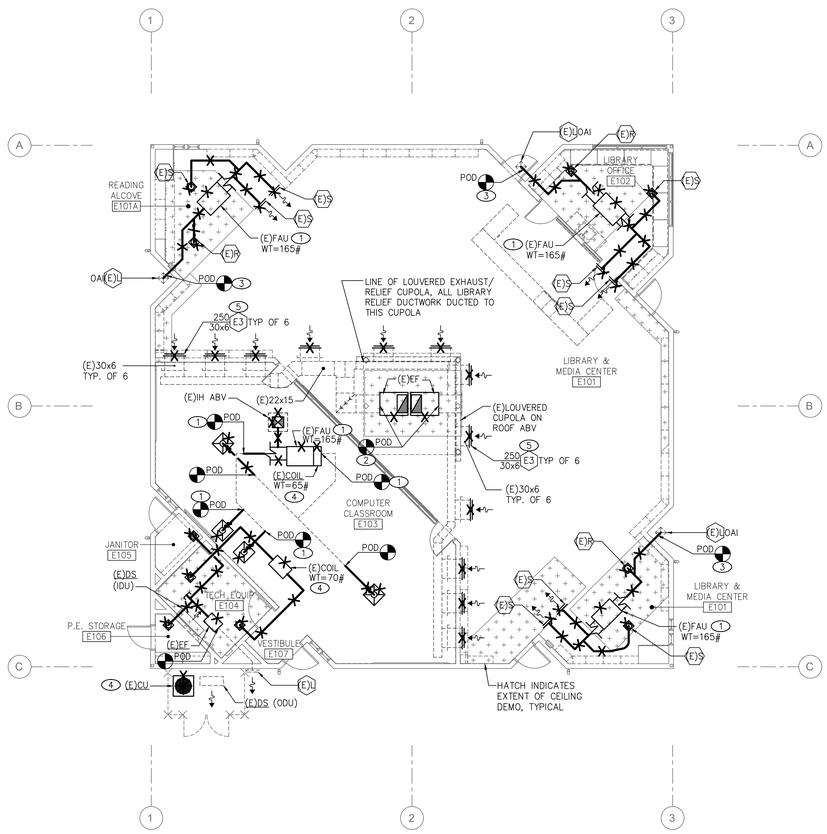
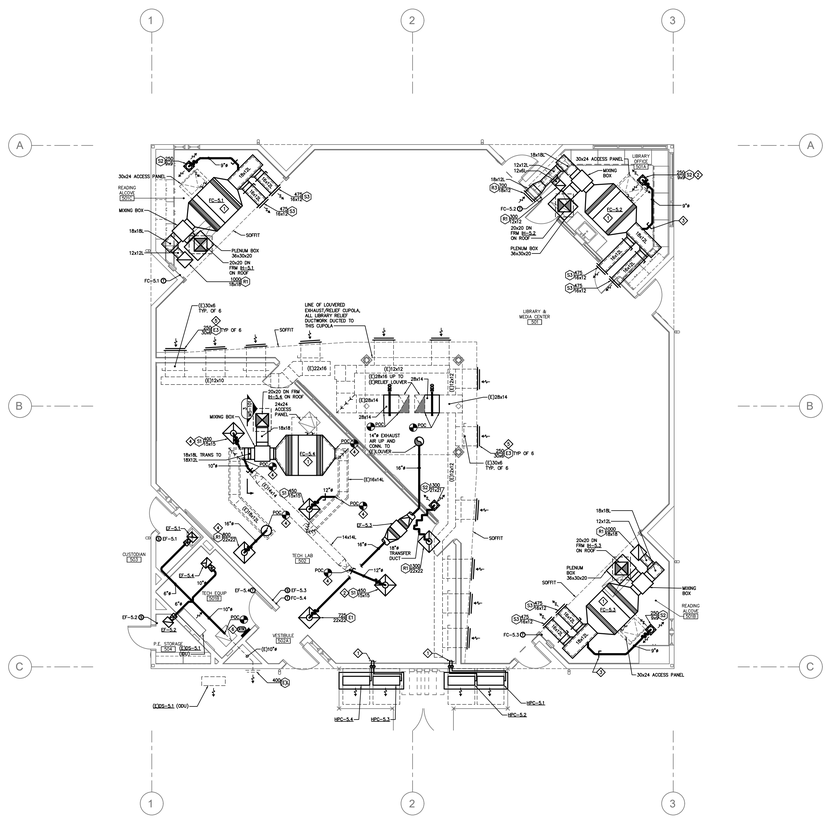


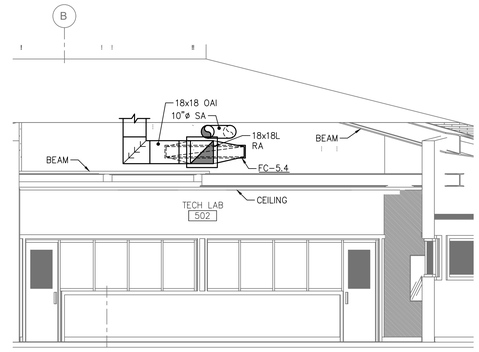
2 MECHANICAL BUILDING 500 (E) - OVERALL - FLOOR PLAN DEMO

SCALE:1/8" = 1'-0"



1 MECHANICAL BUILDING 500 (E) - OVERALL - FLOOR PLAN

SCALE:1/8" = 1'-0"



3 MECHANICAL SECTION

SCALE:1/4"=1'-0"

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2. See enlarged partial mechanical proposed floor plan M2–102 for all reference notes and revisions.

DEMOLITION NOTES

(1) Demolish and remove existing furnace, flue, SA/RA ductwork, and associated appurtenances up to Point of Disconnect (POD) shown.

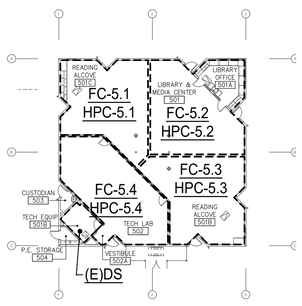
(2) Demolish and remove existing exhaust fan, ductwork, grilles and all associated appurtenances to point of disconnect (POD) shown.

(3) Demolish and remove existing OAI ductwork to point of disconnect (POD) shown. Cap duct to an airtight condition. Existing OAI to louver remain, abandoned in place.

(4) Demolish and remove existing cooling coil, associated condensing unit, and all associated appurtenances.

(5) Demolish and remove existing exhaust grille. Prepare duct behind grille for connection to new grille.

ZONE PLAN



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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

MECHANICAL BLDG 500 (E) OVERALL DEMOLITION AND PROPOSED FLOOR PLANS

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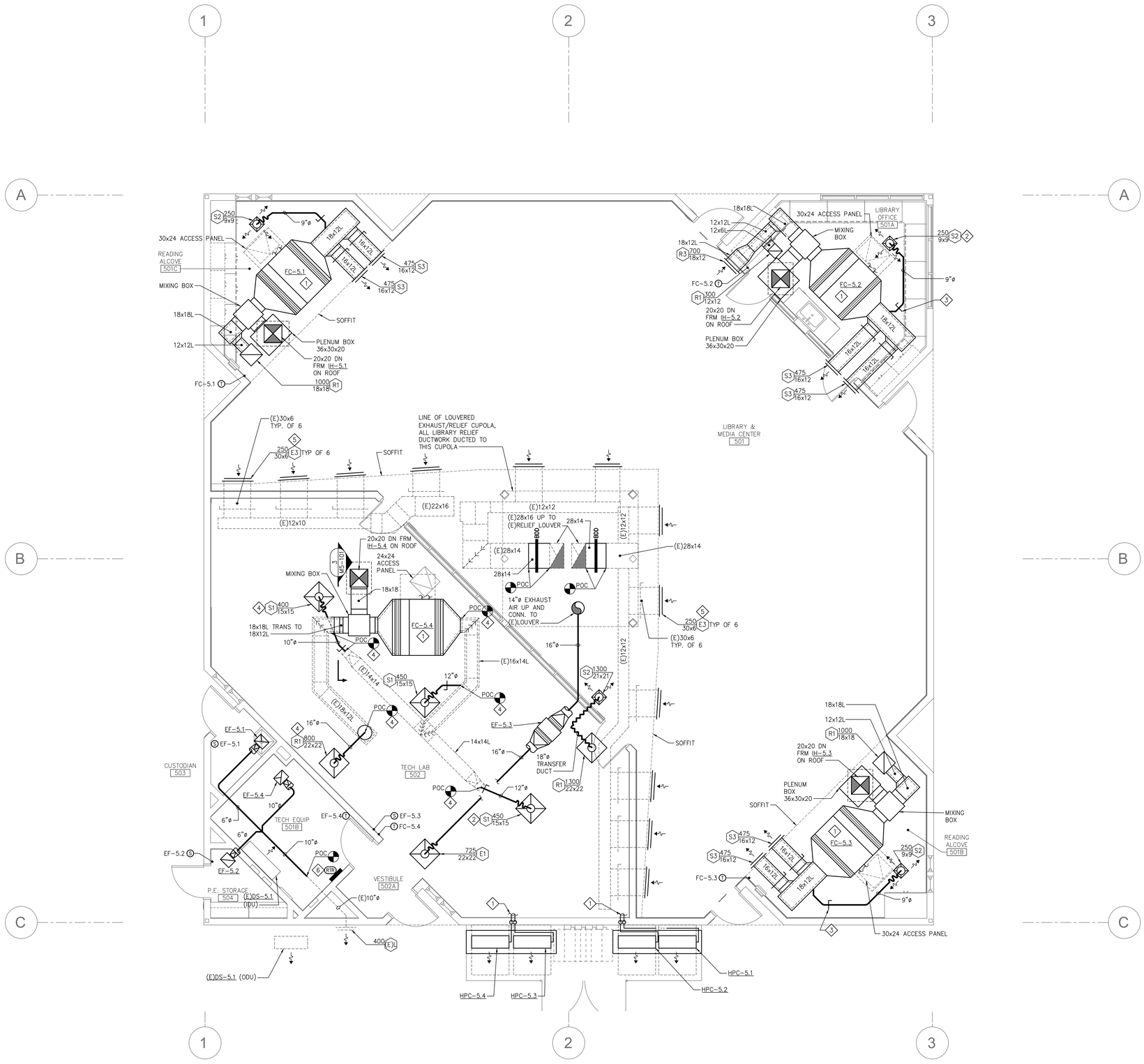


1 MECHANICAL ENLARGED BUILDING 500 (E) - PROPOSED - FLOOR PLAN

SCALE:1/4" = 1'-0"

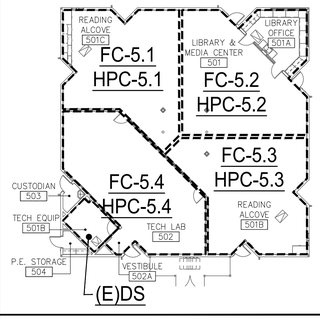
GENERAL NOTES

1. Contractor to field verify sizes of existing duct.
2. Refer to detail 46/M-022 for hanging duct support.
3. Contractor to clean all reused ductwork. Refer to specification section 230130, HVAC system cleaning

REFERENCE NOTES

1. Suspended horizontal fan coil, provide the following:
   - Acoustically lined SA/RA plenums
   - Note that fan coil is to be accessed via ceiling access panel
   - Refer to detail 26/M-021 for economizing mixing box. Contractor to set minimum OAI damper position to provide value shown on fan coil schedule at TABB. Refer to MC sheets.
   - Route refrigerant piping shortest distance between fan coil and condensing unit on ground outside. Refer to detail 14/M-021 for pipe support and 48/M-022 for refrigerant pipe penetration at exterior wall.
   - Any refrigerant piping routed on the ground and subject to being damaged to be protect by duct shroud per detail 37/M-022.
2. Typical diffuser connection (unless otherwise noted):
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
3. Typical volume damper. Refer to detail 23/M-021 or 24/M-021, depending on condition. Dampers to be accessed from attic space.
4. Connect new duct to existing at Point of Connection (POC) shown.
5. Attach new replacement grille to existing exhaust duct at this location.
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
6. Surface-mount router panel at location shown. Electrical to provide 120-1-60 power and comm. for panel. Refer to MC sheets for more information. Refer to detail 3/MC-101.

ZONE PLAN



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SHEET: M5-102

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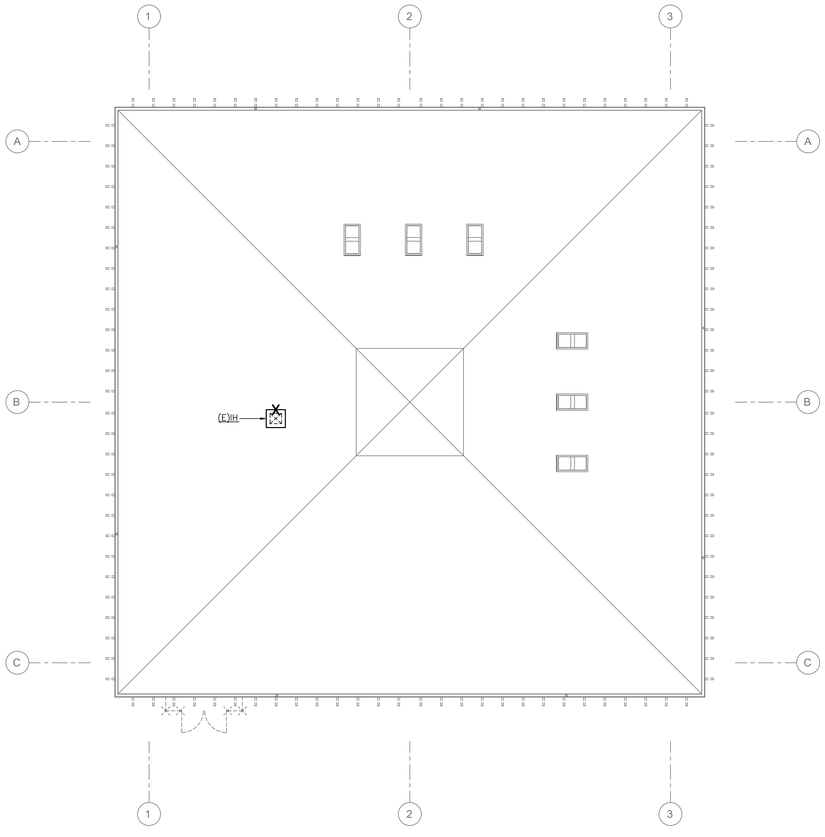
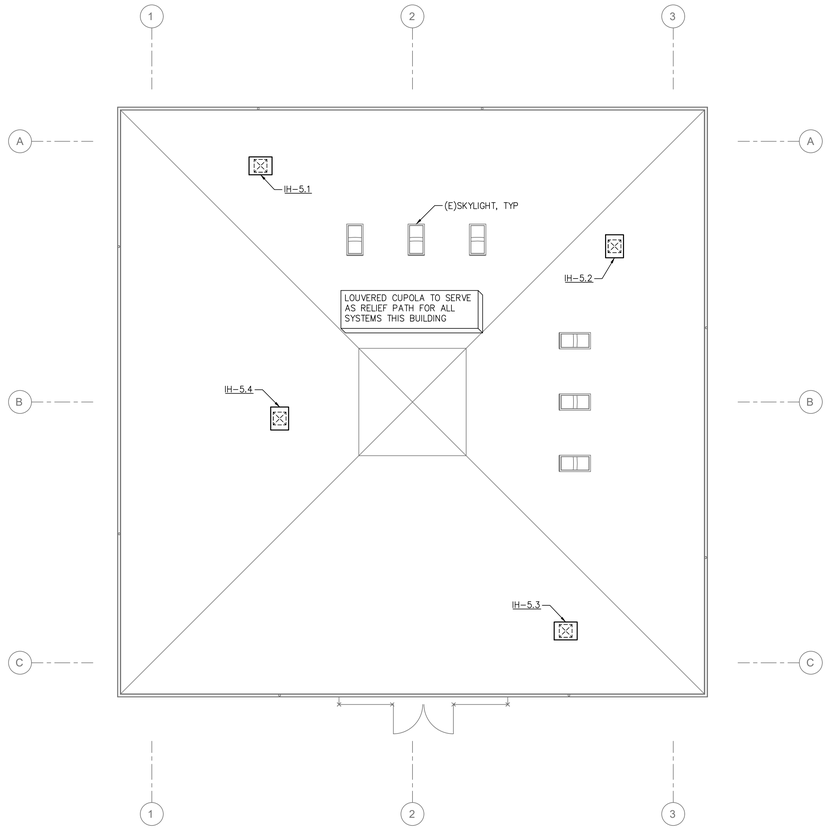


2 MECHANICAL BUILDING 500 (E) - ROOF PLAN DEMO
SCALE:1/8" = 1'-0"



1 MECHANICAL BUILDING 500 (E) - PROPOSED - ROOF PLAN
SCALE:1/8" = 1'-0"

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DSA APP.#: 03-125575
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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 500 (E) DEMOLITION AND PROPOSED ROOF PLANS

NO.	REVISION	DATE
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PROJECT MANAGER
DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M5-121

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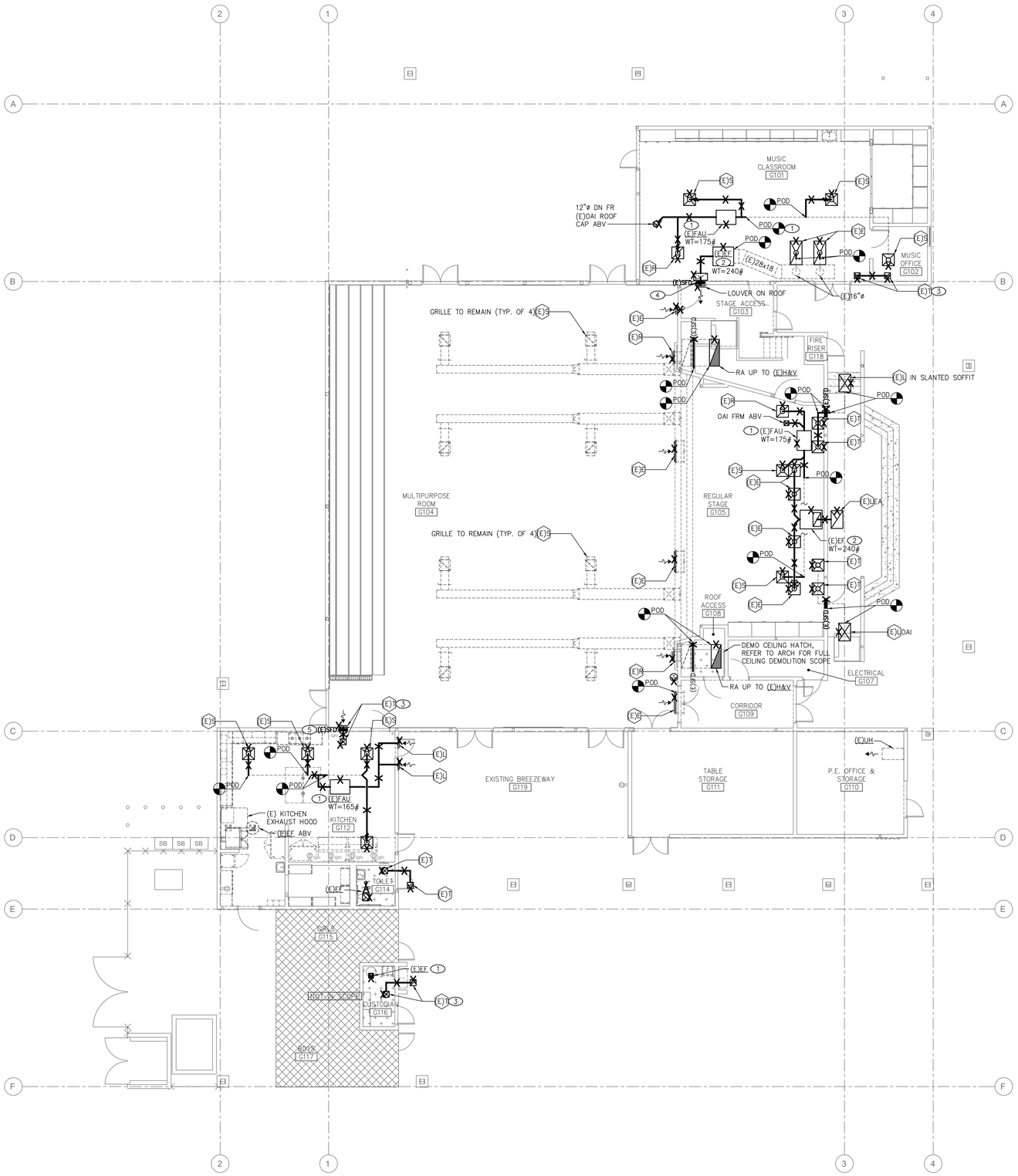

MECHANICAL BUILDING 600 (G) - DEMOLITION FLOOR PLAN

SCALE:1/8"=1'-0"

GENERAL NOTES

1. This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.

DEMOLITION NOTES

1. Demolish and remove existing furnace, flue, ductwork, and associated appurtenances up to Point of Disconnect (POD) shown.
2. Demolish and remove existing exhaust fan, ductwork, grilles and all associated appurtenances.
3. Demolish transfer grilles and associated ductwork.
4. Demolish and remove existing fire damper. Prepare existing wall penetration for new ductwork.
5. Demolish and remove existing fire damper. Patch back wall penetration per architectural requirements.

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MECHANICAL BLDG 600 (G)
DEMOLITION FLOOR PLAN

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PROJECT MANAGER

DRAWN BY	CHECKED BY
NW	RR

DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
M6-101

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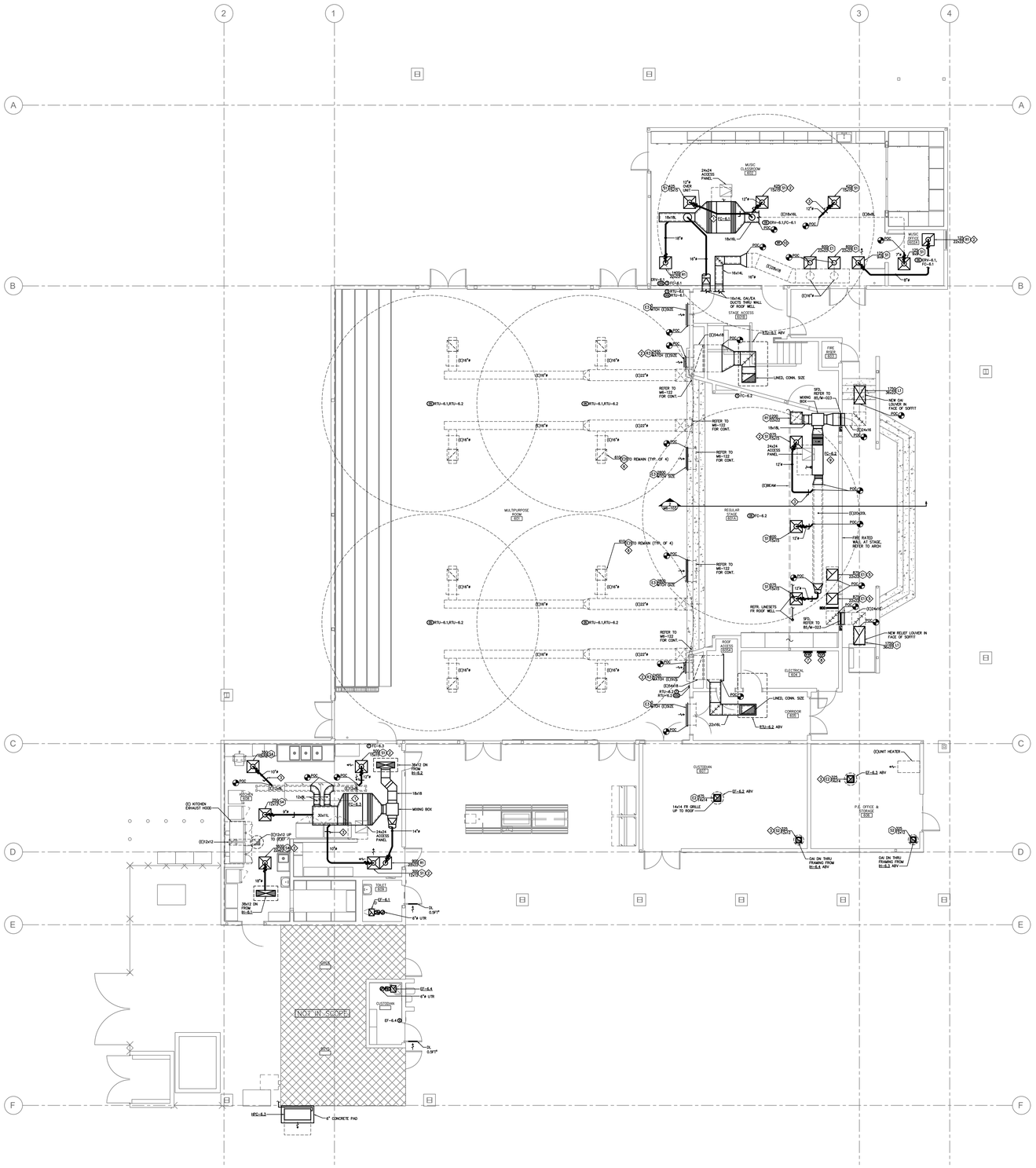


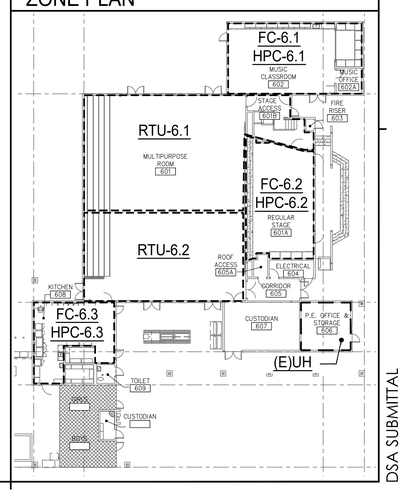
MECHANICAL BUILDING 600 (G) - OVERALL FLOOR PLAN

SCALE:1/8"=1'-0"

GENERAL NOTES

1. See enlarged partial mechanical floor plans M6-103 and M6-104 for all reference notes and revisions.

ZONE PLAN



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MECHANICAL BLDG 600 (G) OVERALL FLOOR PLAN

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PROJECT MANAGER
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PROJECT NUMBER: 0100-06-ED24
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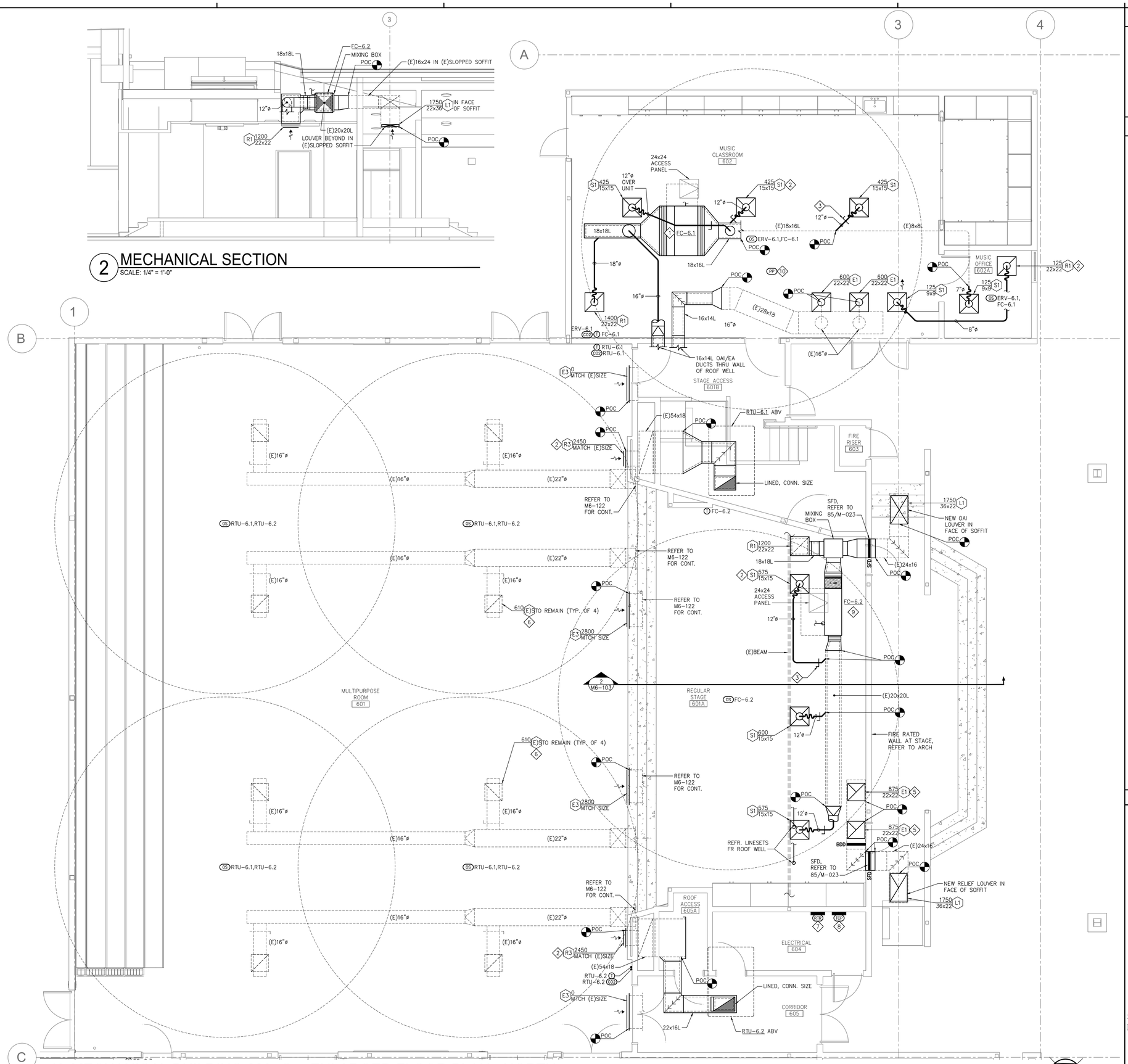
2 MECHANICAL SECTION
SCALE: 1/4" = 1'-0"



1 MECHANICAL BUILDING 600 (G) - ENLARGED FLOOR PLAN - NORTH
SCALE: 1/4"=1'-0"

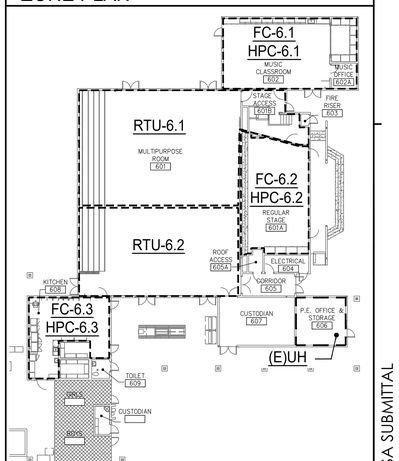
GENERAL NOTES

1. Contractor to field verify sizes of existing duct.
2. Refer to detail 46/M-022 for hanging duct support.
3. Contractor to clean all reused ductwork. Refer to specification section 230130, HVAC system cleaning

REFERENCE NOTES

1. Suspended low profile horizontal fan coil, provide the following:
   - Acoustically lined SA/RA plenums
   - Note that fan coil is to be accessed via ceiling access panel.
   - Refer to detail 26/M-021 for economizing mixing box. Contractor to set minimum OAI damper position to provide value shown on fan coil schedule at TABB. Refer to MC sheets.
   - Route refrigerant piping shortest distance between fan coil and condensing unit on roof above. Refer to detail 14/M-021 for pipe support and 48/M-022 for refrigerant pipe penetration at roof.
   - Any refrigerant piping routed on the roof and subject to being damaged to be protect by duct shroud per detail 58/M-022.
2. Typical diffuser connection:
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
3. Typical volume damper. Refer to detail 23/M-021 or 24/M-021, depending on condition. Dampers to be accessed from attic space.
4. Connect new duct to existing at Point of Connection (POC) shown.
5. Attach new replacement grille to existing duct at this location.
   - Provide balancing damper if needed.
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
6. Re-balance existing grille to value shown, typical. Provide balancing damper if needed. Refer to details 28/M-021 or 29/M-021, depending on condition.
7. Surface-mount router panel at location shown. Electrical to provide 120-1-60 power and comm. for panel. Refer to MC sheets for more information. Refer to detail 3/MC-101.
8. Surface-mount temperature control panel at location shown. Electrical to provide 120-1-60 power for panel. Refer detail 12/MC-103 for more information.
9. Suspended horizontal fan coil, provide the following:
   - Acoustically lined SA/RA plenums
   - Note that fan coil is to be accessed from T-bar ceiling
   - Refer to detail 26/M-021 for economizing mixing box. Contractor to set minimum OAI damper position to provide value shown on fan coil schedule at TABB. Refer to MC sheets.
   - Route refrigerant piping shortest distance between fan coil and condensing unit on roof above. Refer to detail 14/M-021 and 37/M-022 for pipe support and 48/M-022 for refrigerant pipe penetration at roof.
   - Any refrigerant piping routed on the roof and subject to being damaged to be protected by duct shroud per detail 58/M-022.
10. Power pack for occupancy sensors, locate above T-bar ceiling. Electrical to provide 120 power. Refer to detail 8/MC-102.

ZONE PLAN



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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
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MECHANICAL BLDG 600 (G) ENLARGED FLOOR PLAN - NORTH

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NW	RR

DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
M6-103

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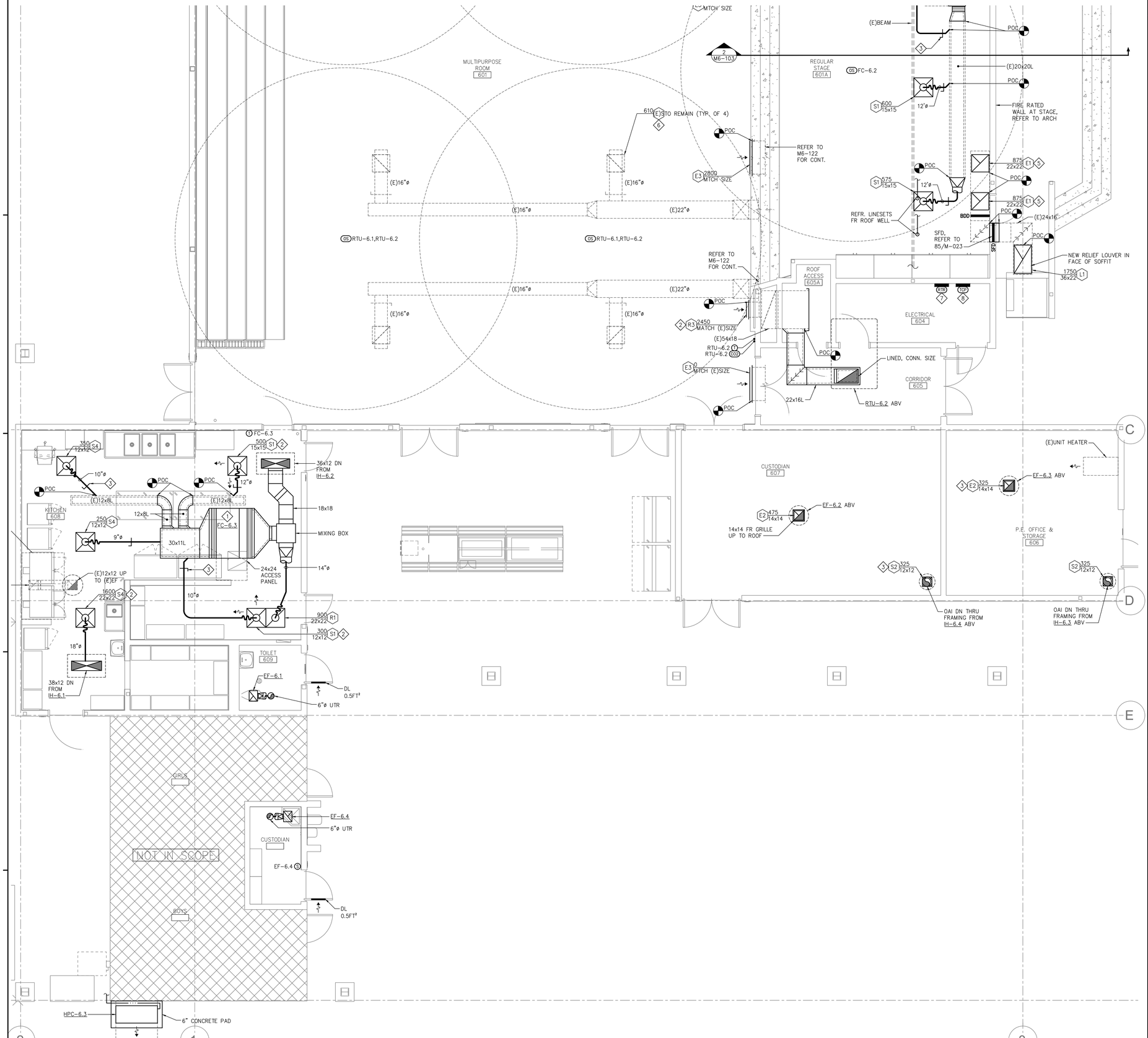


MECHANICAL BUILDING 600 (G) - ENLARGED FLOOR PLAN - SOUTH

SCALE:1/4"=1'-0"

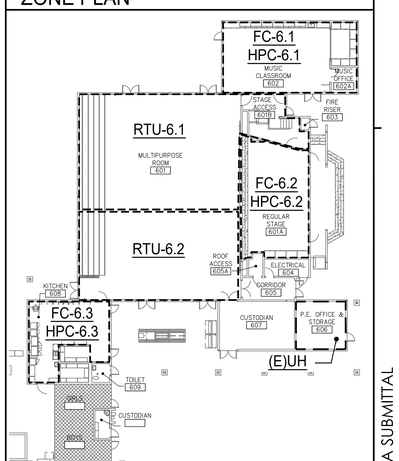
GENERAL NOTES

1. Contractor to field verify sizes of existing duct.
2. Refer to detail 46/M-022 for hanging duct support.
3. Contractor to clean all reused ductwork. Refer to specification section 230130, HVAC system cleaning

REFERENCE NOTES

1. Suspended low profile horizontal fan coil, provide the following:
   - Acoustically lined SA/RA plenums
   - Note that fan coil is to be accessed via attic access panel.
   - Refer to detail 26/M-021 for economizing mixing box. Contractor to set minimum OAI damper position to provide value shown on fan coil schedule at TABB. Refer to MC sheets.
   - Route refrigerant piping shortest distance between fan coil and condensing unit on ground outside. Refer to detail 14/M-021 for pipe support and 48/M-022 for refrigerant pipe penetration at exterior wall.
   - Any refrigerant piping routed on the ground and subject to being damaged to be protected by duct shroud per detail 37/M-022.
2. Typical diffuser connection:
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
3. Typical volume damper. Refer to detail 23/M-021 or 24/M-021, depending on condition. Dampers to be accessed from attic space.
4. Connect new duct to existing at Point of Connection (POC) shown.
5. Attach new replacement grille to existing duct at this location.
   - Provide balancing damper if needed.
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
6. Re-balance existing grille to value shown, typical. Provide balancing damper if needed. Refer to details 28/M-021 or 29/M-021, depending on condition.
7. Surface-mount router panel at location shown. Electrical to provide 120-1-60 power and comm. for panel. Refer to MC sheets for more information. Refer to detail 3/MC-101.
8. Surface-mount temperature control panel at location shown. Electrical to provide 120-1-60 power for panel. Refer detail 12/MC-103 for more information.

ZONE PLAN



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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 600 (G)
ENLARGED FLOOR PLAN - SOUTH

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CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M6-104

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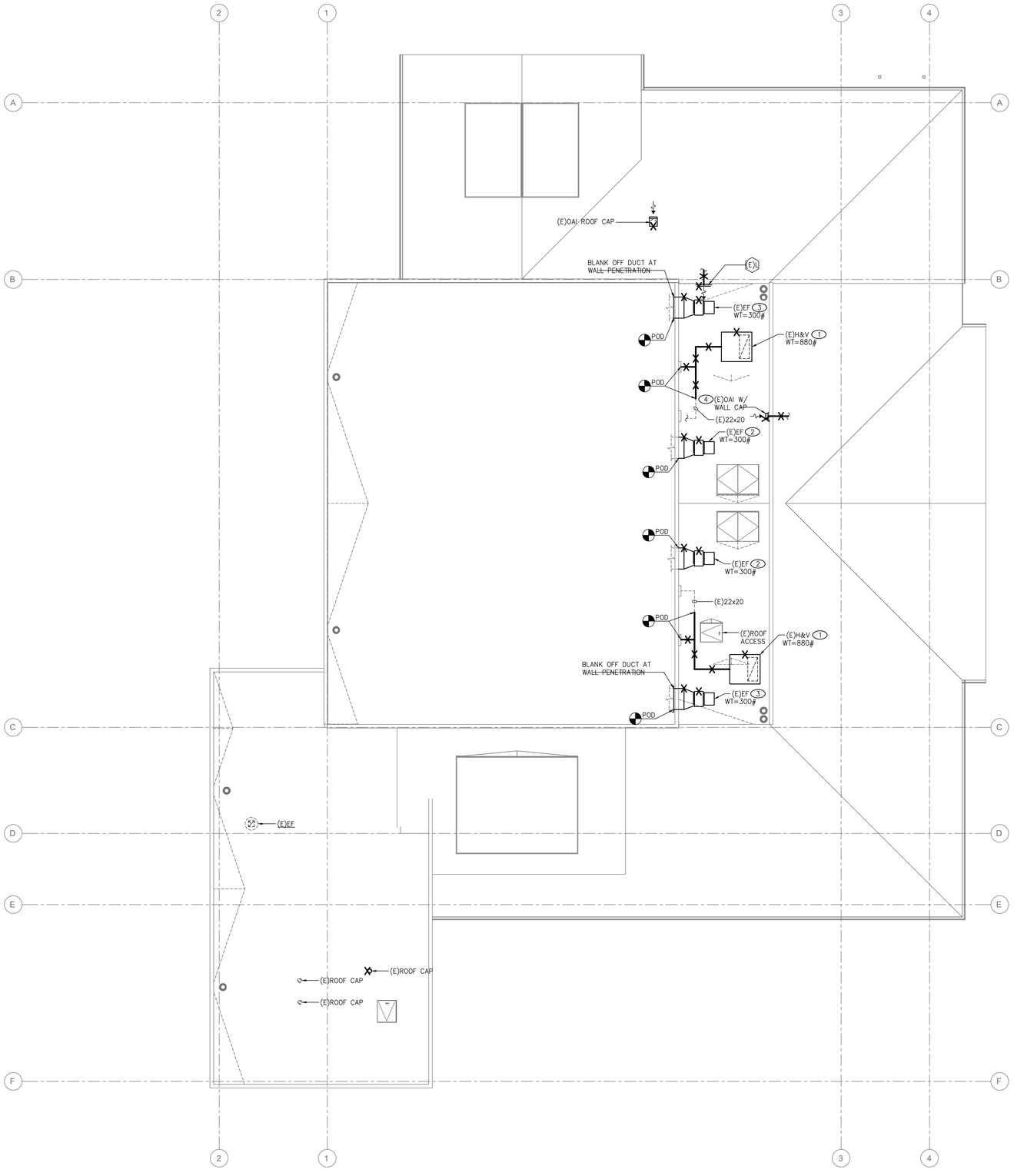

MECHANICAL BUILDING 600 (G) - DEMOLITION ROOF PLAN

SCALE:1/8"=1'-0"

GENERAL NOTES

1. This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.

DEMOLITION NOTES

1. Demolish and remove existing Heating and Ventilating unit (H&V), ductwork and associated appurtenances up to Point of Disconnect (POD). Prepare existing ductwork to remain for new connection.
2. Demolish and remove existing exhaust fan, ductwork, grilles and all associated appurtenances. Prepare wall penetration for new connection.
3. Demolish and remove existing exhaust fan and all associated appurtenances. Blank off ductwork and cap and seal wall penetrations per architectural requirements.
4. Demolish and remove existing outside air wall cap. Contractor to patch and repair wall per architectural requirements.

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MECHANICAL BLDG 600 (G) DEMOLITION ROOF PLAN

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DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M6-121

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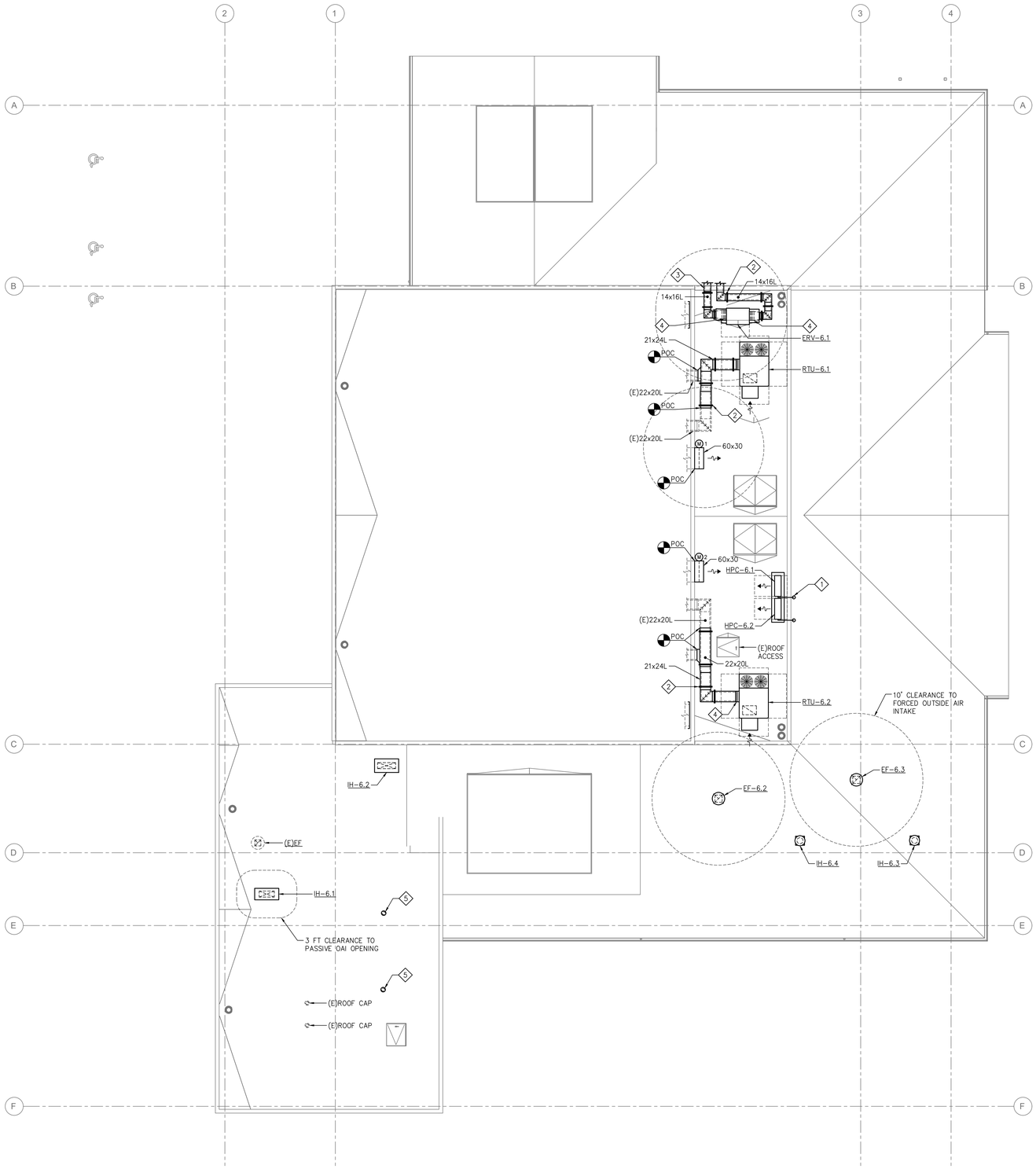

MECHANICAL BUILDING 600 (G) - ROOF PLAN

SCALE:1/8"=1'-0"

REFERENCE NOTES

1. Refrigerant lineset thru existing mechanical well wall, refer to detail 48/M-022. Refer to detail 58/M-022 for refrigerant pipe roof support. All refrigerant piping outside of the exterior envelope of the building and/or exposed to weather shall be covered with metal jacketing, refer to specification section 23 00 00 part 2.16B. Any refrigerant piping routed on the roof and subject to being damaged to be protect by duct shroud per detail 37/M-022.
2. Roof duct support, refer to detail 43/M-022, typical.
3. Duct penetration at existing mechanical well wall. Refer to detail 44/M-022.
4. Provide flexible connection cover at each RTU and ERV supply/return/exhaust connection, refer to detail 35/M-022.
5. Roof cap, refer to detail 12/M-021.

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LICENSED PROFESSIONAL ENGINEER
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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 600 (G) ROOF PLAN

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DRAWN BY	CHECKED BY
NW	RR

DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
M6-122

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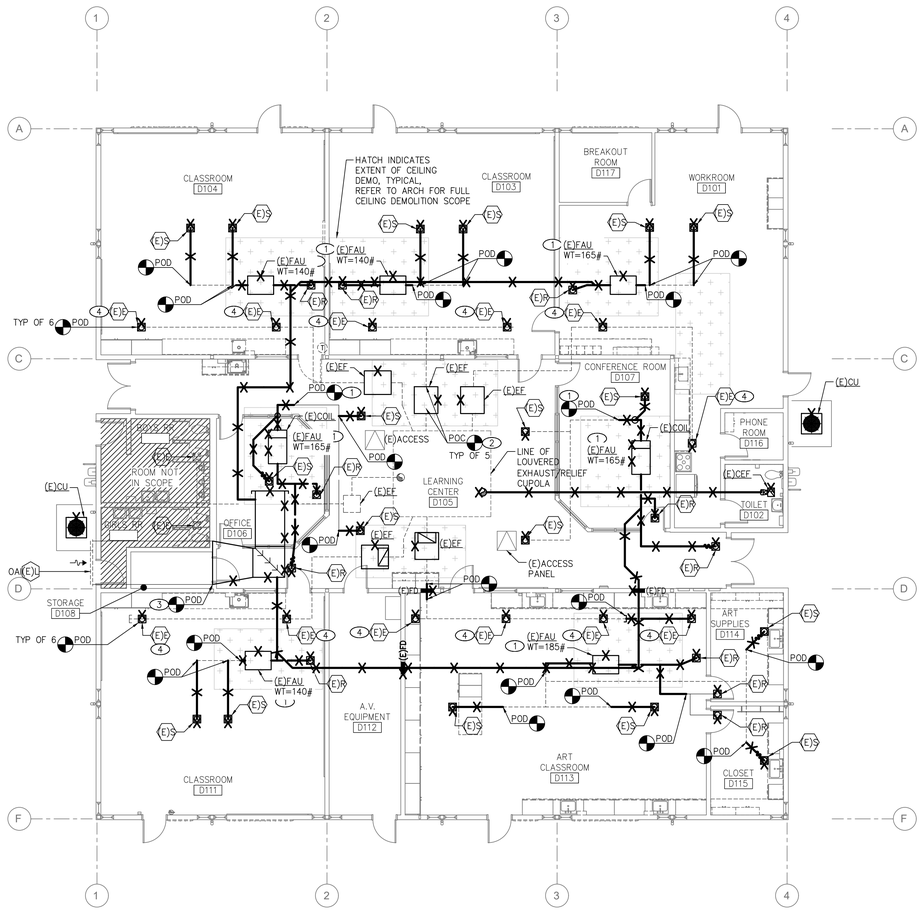
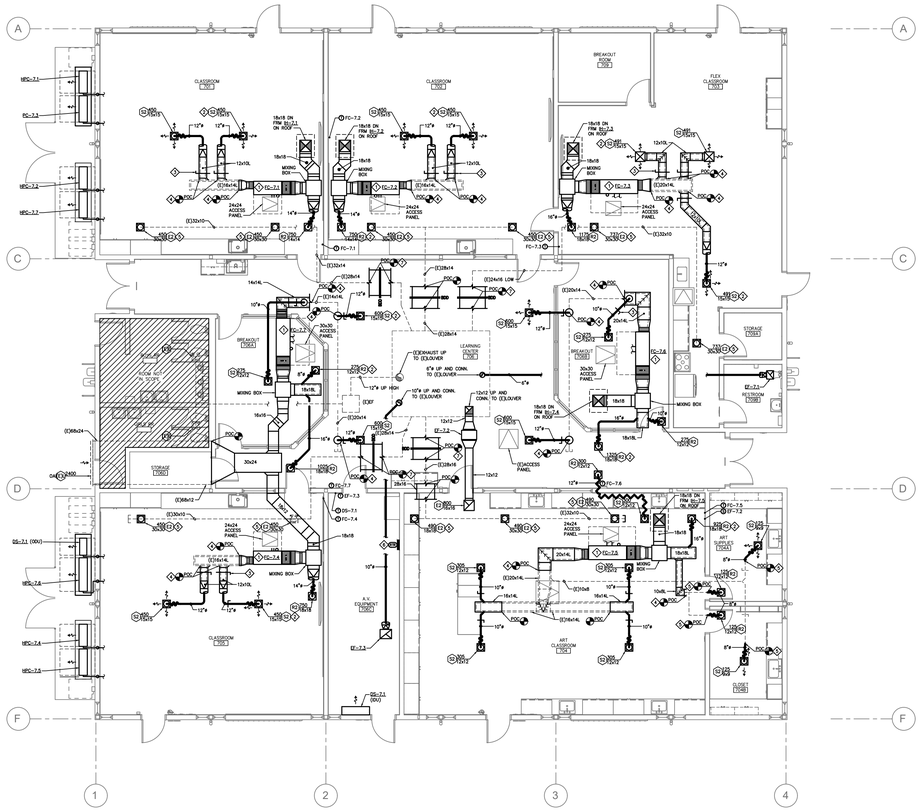
F:\Drawings\2025\25120.00_SLC\SLO CL Smith ES Ph 2\mech\25120.00_BLD 600 G_M6-101_PPs and RPs.dwg, M6-122, Dec 12, 2025 3:42pm, RobynReed



MECHANICAL BUILDING 700 (D) - OVERALL - FLOOR PLAN DEMO

SCALE:1/8"=1'-0"



MECHANICAL BUILDING 700 (D) - OVERALL - FLOOR PLAN

SCALE:1/8"=1'-0"

GENERAL NOTES

1. This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.
2. See enlarged partial mechanical proposed floor plan M7-102 for all reference notes and revisions.

DEMOLITION NOTES

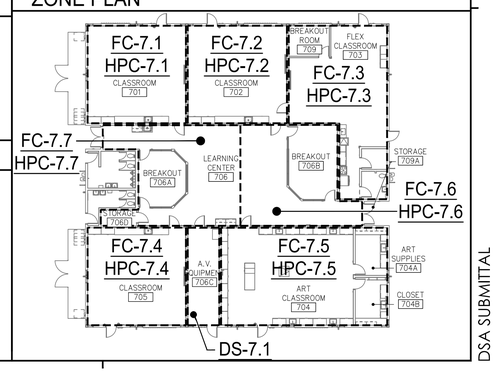
(1) Demolish and remove existing furnace, flue, SA/RA ductwork, and associated appurtenances up to Point of Disconnect (POD) shown.

(2) Demolish and remove existing exhaust fan and all associated appurtenances to point of disconnect (POD) shown. Prepare duct for new connection.

(3) Demolish and remove existing OAI ductwork to point of disconnect (POD) shown.

(4) Demolish and remove existing exhaust grille. Prepare for connection to new grille.

ZONE PLAN



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APP: 03-125575 INC:
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DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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OFF: (805) 544-4269
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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

MECHANICAL BLDG 700 (D)
OVERALL DEMOLITION AND
PROPOSED FLOOR PLANS

NO.	REVISION	DATE

PROJECT MANAGER

DRAWN BY	CHECKED BY
NW	RR

DATE
12/12/2025
PROJECT NUMBER
0100-06-ED24
SHEET
M7-101

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GENERAL NOTES

1. Contractor to field verify sizes of existing duct.
2. Refer to detail 46/M-022 for hanging duct support.
3. Contractor to clean all reused ductwork. Refer to specification section 230130, HVAC system cleaning
4. Install CO2 sensor in each classroom on wall adjacent to thermostat, excluding system HPC/FC-7.5. Refer to MC sheets.

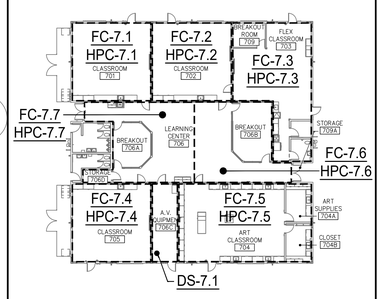
REFERENCE NOTES

1. Platform mounted horizontal fan coil, provide the following:
   - Acoustically lined SA/RA plenums
   - Note that fan coil is to be accessed via ceiling access panel.
   - Refer to detail 26/M-021 for economizing mixing box. Contractor to set minimum OAI damper position to provide value shown on fan coil schedule at TABB. Refer to MC sheets.
   - Route refrigerant piping shortest distance between fan coil and condensing unit on ground outside. Refer to detail 14/M-021 for pipe support and 48/M-022 for refrigerant pipe penetration at exterior wall.
   - Any refrigerant piping routed on the ground and subject to being damaged to be protect by duct shroud per detail 37/M-022.
2. Typical diffuser connection:
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
3. Typical volume damper. Refer to detail 23/M-021 or 24/M-021, depending on condition. Dampers to be accessed from attic space.
4. Connect new duct to existing at Point of Connection (POC) shown.
5. Attach new replacement grille to existing duct at this location.
   - Refer to details 28/M-021 or 29/M-021, depending on condition.
6. Surface-mount router panel at location shown. Electrical to provide 120-1-60 power and comm. for panel. Refer to MC sheets for more information. Refer to detail 3/MC-101.
7. Reconnect existing exhaust ductwork as relief air path, provide BDD sized for the (e)fan connection size (approximately 40x12).

MECHANICAL ENLARGED BUILDING 700 (D) - PROPOSED - FLOOR PLAN

SCALE:1/4"=1'-0"

ZONE PLAN



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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL BLDG 700 (D) ENLARGED PROPOSED FLOOR PLAN

NO.	REVISION	DATE

PROJECT MANAGER
DRAWN BY: NW
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DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M7-102

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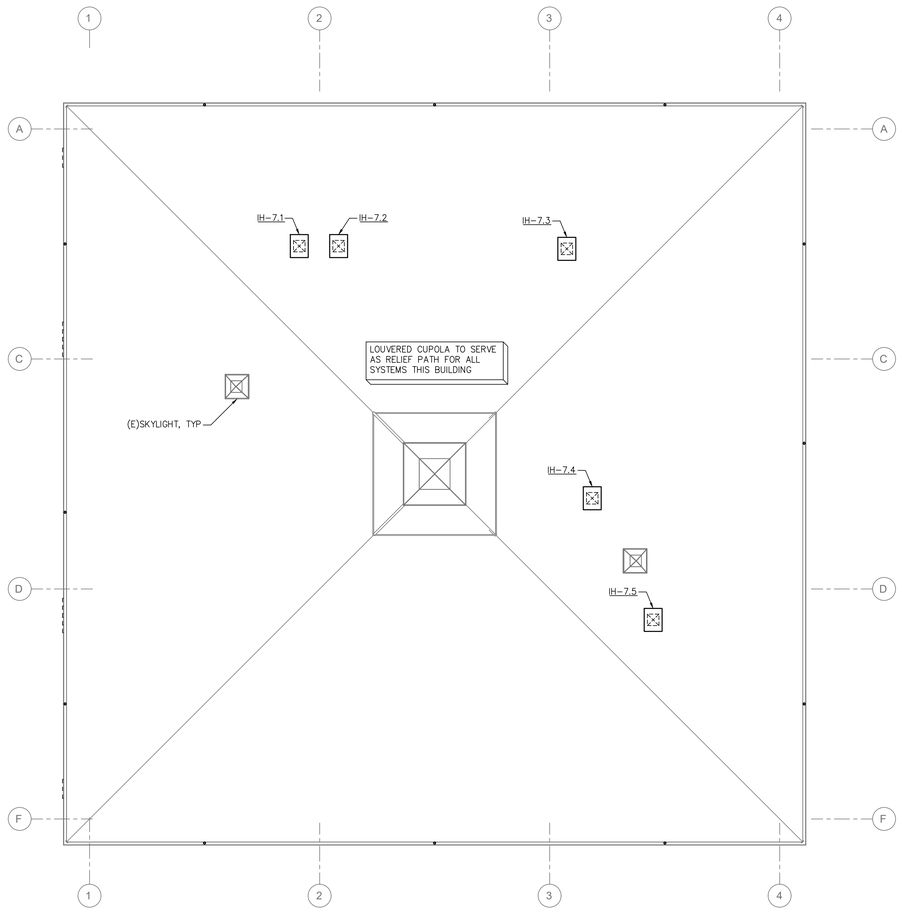

MECHANICAL BUILDING 700 (D) - PROPOSED - ROOF PLAN

SCALE:1/8"=1'-0"

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MECHANICAL BLDG 700 (D) DEMOLITION AND PROPOSED ROOF PLANS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER
DRAWN BY: NW
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: M7-121

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CONTROLS TO BE JOHNSON CONTROLS
CONTACT DEVEN PUTNAM:
TOTAL CONTROL
A DIVISION OF RSD

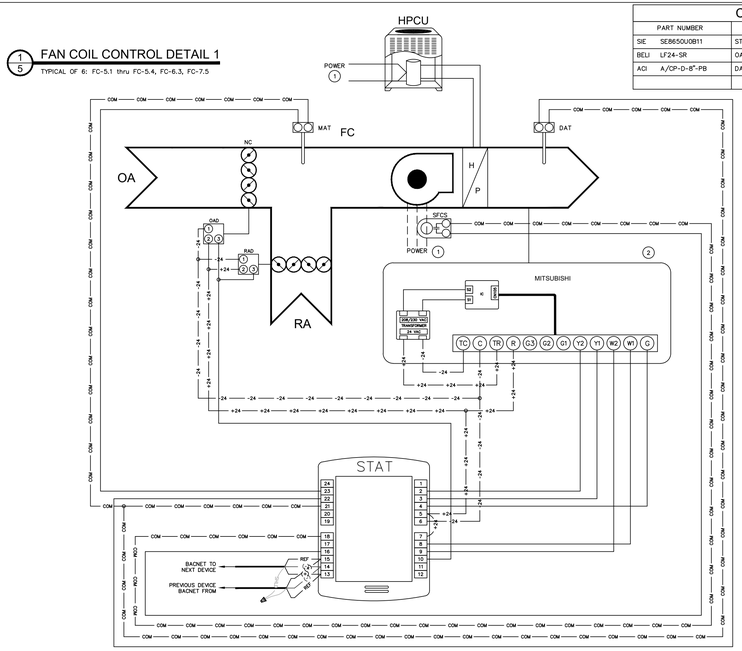
5920 E. SHIELDS AVE. #101
FRESNO, CA 93727
(559) 291-1000
dputnam@rsd.net

GENERAL NOTES

1. Line voltage wiring and conduit by Division 16.
2. Low voltage daisy chain wiring and conduit by Division 15.
3. Panels shall all be UL listed.
4. Refer to specification section 230900 for further requirements.

1/5 FAN COIL CONTROL DETAIL 1

TYPICAL OF 6: FC-5.1 thru FC-5.4, FC-6.3, FC-7.5



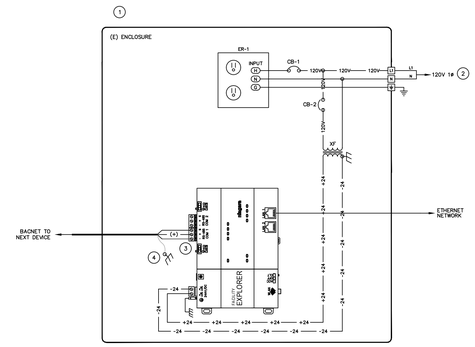
Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
SIE SE8650U0B11	STAT	6	BACNET THERMOSTAT
BELI LF24-SR	OAD/RAD	6	SPRING RETURN DAMPER ACTUATOR
ACI A/CP-D-8"-PB	DAT,MAT	12	10K TYPE 2 DUCT TEMPERATURE SENSOR

Sheet Notes

1. LINE VOLTAGE & CONDUIT BY DIVISION 16.
2. 24VAC THERMOSTAT ADAPTER SUPPLIED BY OTHERS.
3. CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000.

4

1/3 SUPERVISORY SCP SCHEMATIC DETAIL



Panel Components			
PART NUMBER	TAG	QTY	DESCRIPTION
JC FX-SC9BASE-0	FX	1	FX-90 CONTROLLER SD CARD
JC FX-SC9CL025-0		1	FX90 CORE LICENSE 25 FIELD DEVICES
JC FX-SC8DL25-0		1	LICENSE FOR ADDITIONAL 25 DEVICES
JC FX-SC90025M5-0		1	FX90 SMA INTIAL 5 YEAR, 25-99 FIELD DEVICES

Sheet Notes

1. CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000
2. LINE VOLTAGE & CONDUIT BY ELEC. CONTRACTOR.
3. JACE SELECTOR SWITCH NEED TO BE SET TO THE "END" POSITION
4. RS-485 COMM BUS SHIELD TO BE GROUNDED AT THE SCP PANEL ONLY
5. NEW FX90 SUPERVISORY CONTROLLER TO BE INSTALLED IN EXISTING ENCLOSURE.
6. MIGRATE EXISTING FX-80 STATION INTO NEW FX-90 CONTROLLER.

2

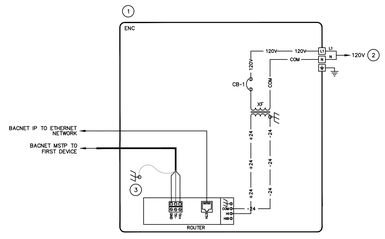
Router Panel Components			
PART NUMBER	TAG	QTY	DESCRIPTION
AB 1489-M1C020	CB-1	5	2 AMP CIRCUIT BREAKER
CCONT BASRT-B	ROUTER	5	BACNET/IP MS/TP ROUTER
HAM N1A12126	ENC	5	12X12 NEMA 1 ENCLOSURE WITH BACKPLATE
LEC 16550	XF	5	50VA TRANSFORMER

Sheet Notes

1. CONTROL PANEL FABRICATED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000
2. LINE VOLTAGE & CONDUIT BY DIVISION 16
3. BACNET MSTP BUS SHIELD TO BE GROUNDED AT THE ROUTER PANEL ONLY.

1/4 BACNET MSTP / IP ROUTER PANEL DETAIL

TYPICAL OF 5: BUILDING B, BUILDING F, BUILDIG E, BUILDING G, BUILDING D



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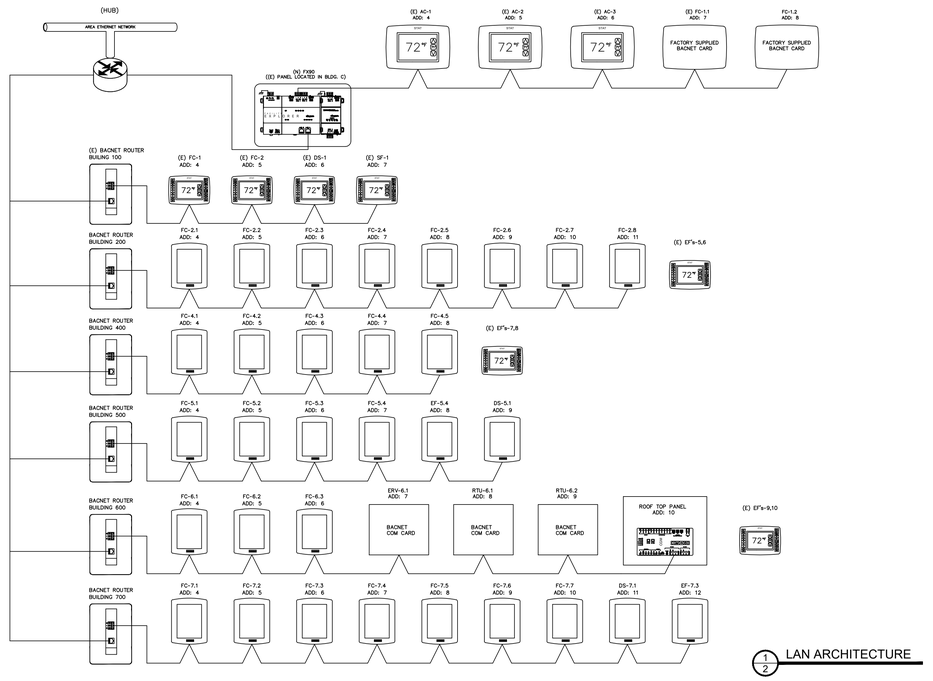

1

1/2 LAN ARCHITECTURE

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL CONTROLS

NO.	REVISION	DATE

PROJECT MANAGER
DRAWN BY: NW | CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: MC-101

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CONTACT DEVEN PUTNAM:
TOTAL CONTROL
A DIVISION OF RSD

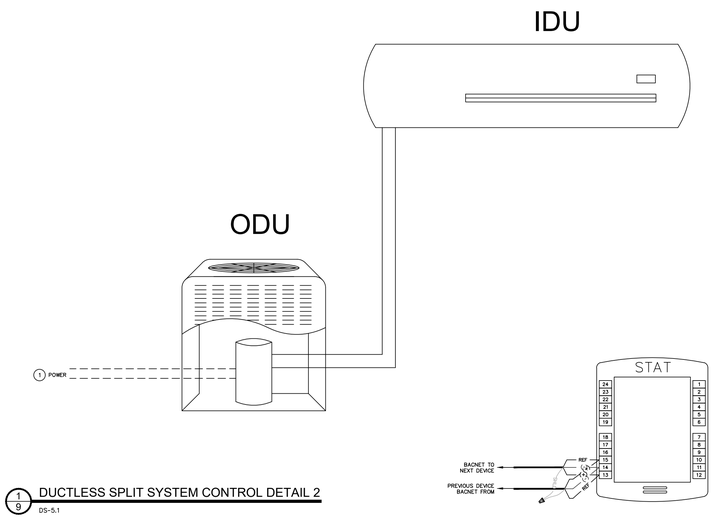
5920 E. SHIELDS AVE. #101
FRESNO, CA 93727
(559) 291-1000
dputnam@rsd.net

GENERAL NOTES

1. Line voltage wiring and conduit by Division 16.
2. Low voltage daisy chain wiring and conduit by Division 15.
3. Panels shall all be UL listed.
4. Refer to specification section 230900 for further requirements.

Sheet Notes	
1	LINE VOLTAGE & CONDUIT BY DIVISION 16.
2	CONTROL COMPONENTS SUPPLIED BY TOTAL CONTROL 559-291-1000
3	SE8600 FOR TEMPERATURE MONITORING ONLY.

Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
SIE SE8650U0B11	STAT	1	BACNET THERMOSTAT

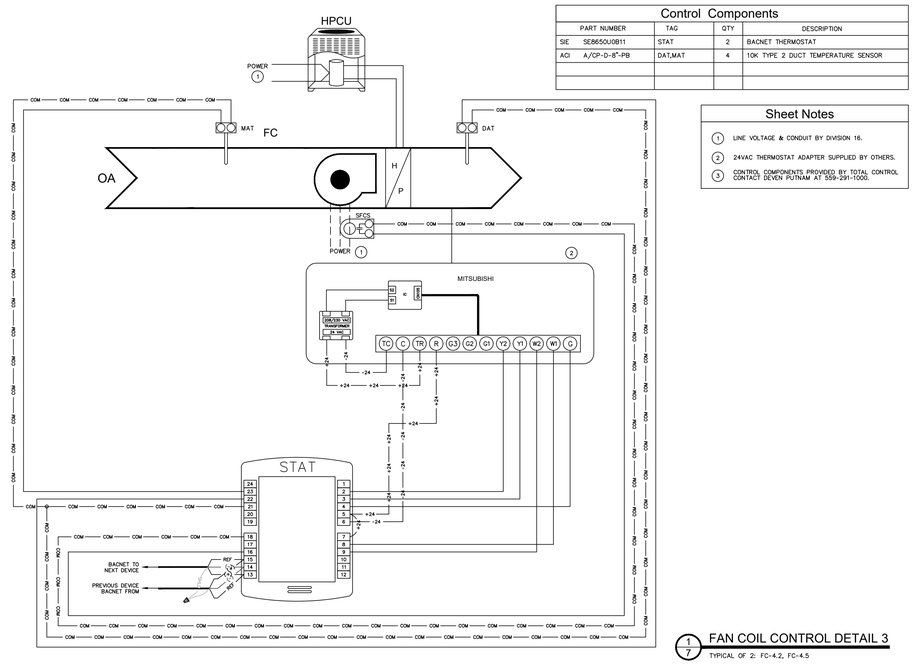


1/9 DUCTLESS SPLIT SYSTEM CONTROL DETAIL 2
DS-5.1

8

Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
SIE SE8650U0B11	STAT	2	BACNET THERMOSTAT
ACI A/CP-D-8"-PB	DAT,MAT	4	10K TYPE 2 DUCT TEMPERATURE SENSOR

Sheet Notes	
1	LINE VOLTAGE & CONDUIT BY DIVISION 16.
2	24VAC THERMOSTAT ADAPTER SUPPLIED BY OTHERS.
3	CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL. CONTACT DEVEN PUTNAM AT 559-291-1000.

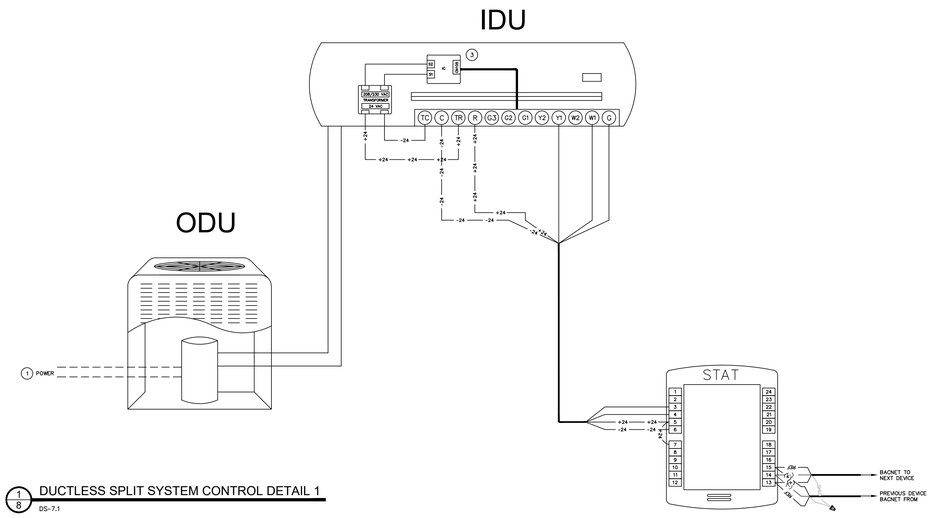


1/7 FAN COIL CONTROL DETAIL 3
TYPICAL OF 2: FC-4.2, FC-4.5

6

Sheet Notes	
1	LINE VOLTAGE & CONDUIT BY DIVISION 16.
2	CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL.
3	SUPPLIED BY OTHERS.

Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
SIE SE8650U0B11	STAT	1	BACNET THERMOSTAT



1/8 DUCTLESS SPLIT SYSTEM CONTROL DETAIL 1
DS-7.1

7

Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
SIE SE8650U0B11	STAT	17	BACNET THERMOSTAT
SIE VCMB001V5045	CO2	17	CO2 SENSOR MODULE
BELI LF24-SR	OAD/RAD	17	SPRING RETURN DAMPER ACTUATOR
ACI A/CP-D-8"-PB	DAT,MAT	34	10K TYPE 2 DUCT TEMPERATURE SENSOR

Sheet Notes	
1	LINE VOLTAGE & CONDUIT BY DIVISION 16.
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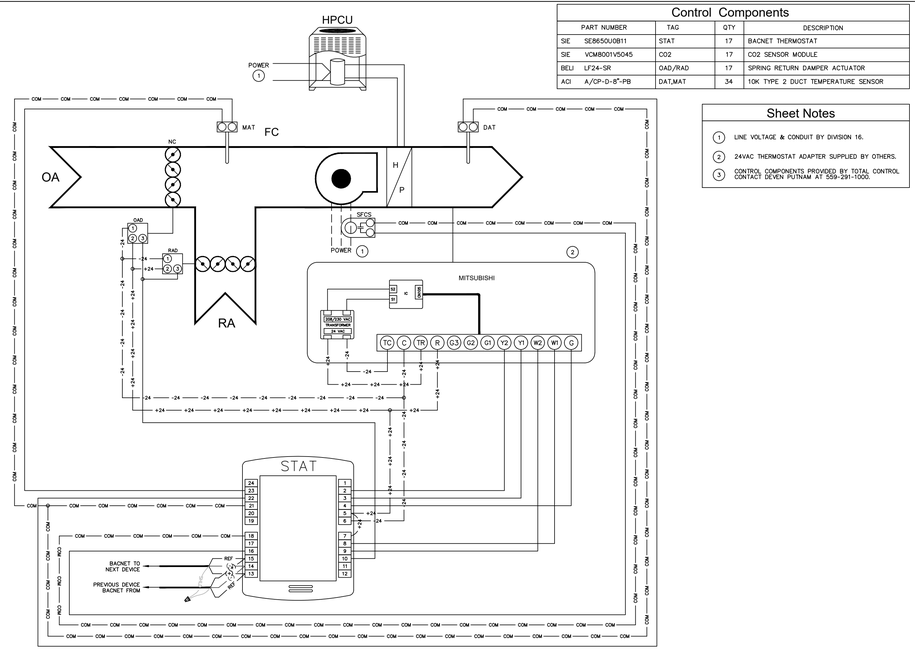

5 1/6 FAN COIL CONTROL DETAIL 2
TYPICAL OF 17: FC-2.1 thru FC-2.8, FC-4.1, FC-4.3, FC-4.4, FC-7.1 thru FC-7.4, FC-7.6, FC-7.7

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL CONTROLS

NO.	REVISION	DATE

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DRAWN BY	CHECKED BY
NW	RR

DATE
12/12/2025

PROJECT NUMBER
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SHEET
MC-102

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CONTACT DEVEN PUTNAM:

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dputnam@rsd.net

GENERAL NOTES

1. Line voltage wiring and conduit by Division 16.
2. Low voltage daisy chain wiring and conduit by Division 15.
3. Panels shall all be UL listed.
4. Refer to specification section 230900 for further requirements.

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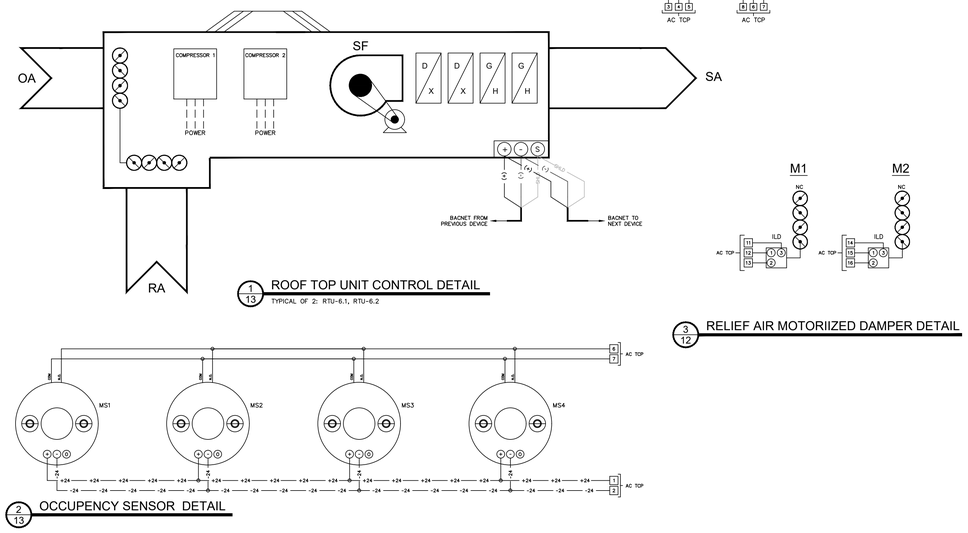
SLO, CA 93401
OFF: (805) 544-4269
BMA JOB# 25120.00

Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
WS DT-300	MS	4	CEILING MOUNT MOTION SENSOR
BEL NFB-24-SR	ILD	2	DAMPER ACTUATOR 2-10vdc
ACI ESENSE-R-LCD	CO2-1,2	2	CO2 SENSOR

Sheet Notes

1. LINE VOLTAGE & CONDUIT BY DIVISION 16.
2. CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000.



1/13 ROOF TOP UNIT CONTROL DETAIL
TYPICAL OF 2: RTU-6.1, RTU-6.2

3/12 RELIEF AIR MOTORIIZED DAMPER DETAIL

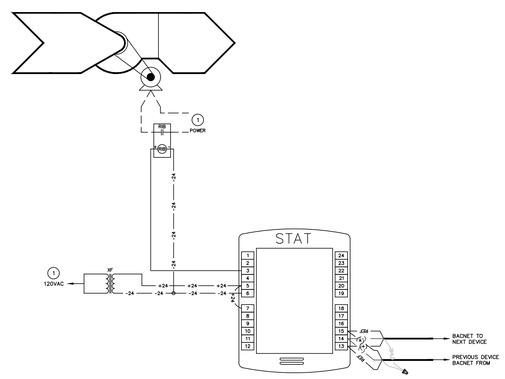
2/13 OCCUPENCY SENSOR DETAIL

12

Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
SIE SE8650U0B11	STAT	2	BACNET THERMOSTAT
FUN RIBU1C	RIB	2	24VAC RELAY IN A BOX
LEC 16550	XF	2	50VA 24VAC TRANSFORMER

Sheet Notes

1. LINE VOLTAGE & CONDUIT BY DIVISION 16.
2. CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000.



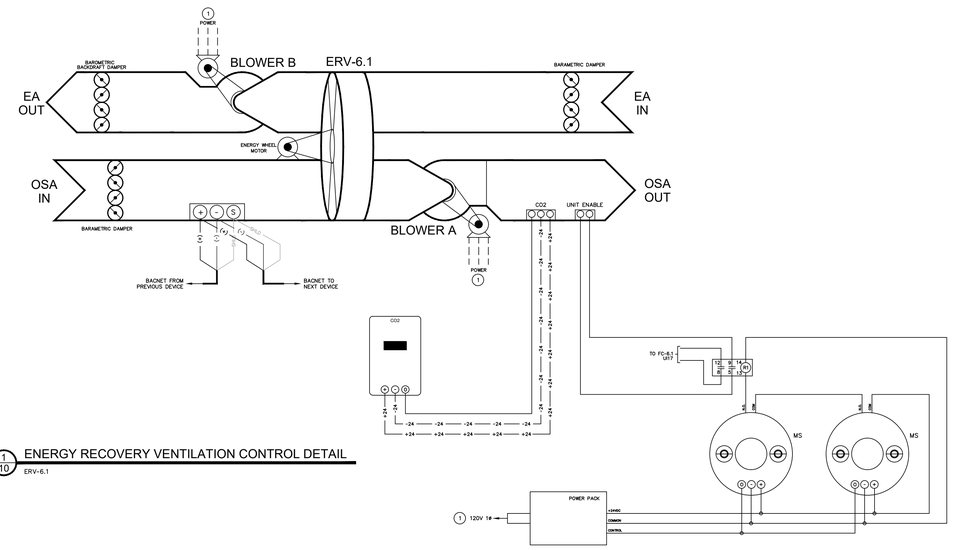
1/12 EXHAUST FAN CONTROL DETAIL
TYPICAL OF 2: EF-5.4, EF-7.3

11

Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
ACI ESENSE-R-LCD	CO2	1	CO2 SENSOR
WS DT-300	MS	2	CEILING MOUNT MOTION SENSOR
WS BZ-200	PACK	1	MOTION SENSOR POWER PACK
RLY 782XBXM4L-24A	RELAY	1	2-POLE 24VAC RELAY W/ LED
RLY 70-782DB-1A	RELAY	1	2-POLE RELAY BASE

Sheet Notes

1. LINE VOLTAGE & CONDUIT BY DIVISION 16.
2. CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000.



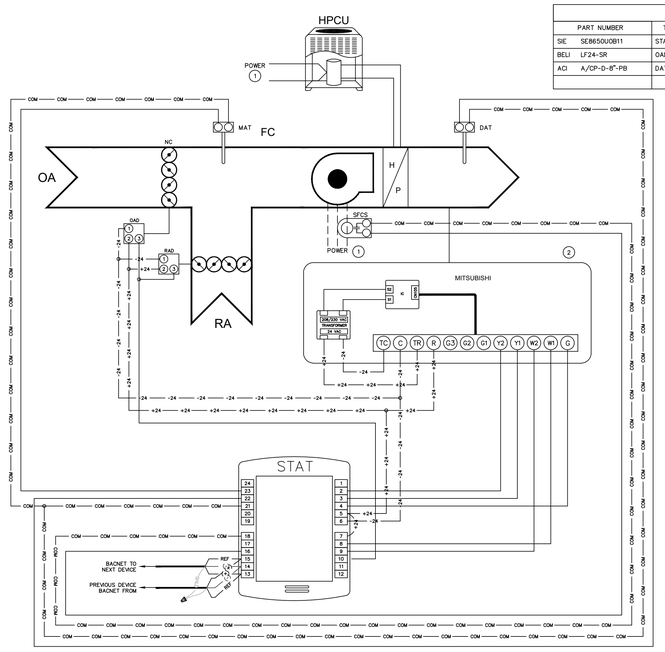
1/10 ENERGY RECOVERY VENTILATION CONTROL DETAIL
ERV-6.1

9

Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
SIE SE8650U0B11	STAT	1	BACNET THERMOSTAT
BELI LF24-SR	OAD/RAD	1	SPRING RETURN DAMPER ACTUATOR
ACI A/CP-D-8"-PB	DAT,MAT	2	10K TYPE 2 DUCT TEMPERATURE SENSOR

Sheet Notes

1. LINE VOLTAGE & CONDUIT BY DIVISION 16.
2. 24VAC THERMOSTAT ADAPTER SUPPLIED BY OTHERS.
3. CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000.
4. CONNECT UI17 TO RELAY ON SHEET 10.



1/11 FAN COIL CONTROL DETAIL 4
FC-6.1

10

F:\Drawings\2025\251200_SJCUSD CL Smith ES Ph 2\mech\251200_MC-101_Controls.dwg, MC-103, Dec 12, 2025 4:14pm, RobynReed

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL CONTROLS

NO.	REVISION	DATE

PROJECT MANAGER

DRAWN BY	CHECKED BY
NW	RR

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
MC-103

DSA SUBMITTAL

CONTROLS TO BE JOHNSON CONTROLS
CONTACT DEVEN PUTNAM:

TOTAL CONTROL
A DIVISION OF RSD

5920 E. SHIELDS AVE. #101
FRESNO, CA 93727
(559) 291-1000
dputnam@rsd.net

GENERAL NOTES

1. Line voltage wiring and conduit by Division 16.
2. Low voltage daisy chain wiring and conduit by Division 15.
3. Panels shall all be UL listed.
4. Refer to specification section 230900 for further requirements.

Sequence of Operation for RTU-6.1, RTU-6.2:

York rooftop package units are provided with a factory controller with a BacNet communication protocol that can interface with the specified BMS.

Occupancy in MPR:

Occupied Mode – **Four** occupancy sensors located in MPR shall command the unit into "Occupied" mode. Occupancy sensors shall be wired in parallel with as many occupancy sensors as necessary. Occupancy sensors to be set to a 20-minute time delay. Upon receiving an Occupied command, the fan shall energize. Economizer damper modulates to provide minimum OAI CFM value listed on package unit schedule. Minimum position shall be set at air balance. Supply fan shall provide minimum value of 2000 CFM (66% factory setting).

Unoccupied Mode- Occupancy sensors located in each zone shall command the unit into "Unoccupied" mode. When the unit is in unoccupied mode, the cooling setpoint shall be set up by 4°F (adj.) and the heating setpoint set back by 4°F (adj.). Fan shall de-energize and the economizer damper shall automatically close. When the space temperature goes outside of the unoccupied cooling/heating setpoint range the supply fan shall be energized and cooling/heating shall be enabled to satisfy the unoccupied setpoints.

RTU-6.1 and RTU 6.2 controls – MPR – factory economizer, DCV and factory single zone VAV (with York intellispeed)

Once the package units are in Occupied mode (see above) then the following shall occur:

Cooling Mode- Single Zone VAV- If room temperature rises above Occupied cooling set point (74°F adj.) the mechanical cooling shall energize, and fan shall ramp up for each stage of cooling until room temperature is satisfied. 1st stage cooling fan is 2250 CFM (75% factory setting) with the outside air damper set to minimum OAI CFM value listed on schedule. Full stage cooling fan is 2850 CFM with the outside air damper set to minimum OAI CFM value listed on schedule.

Heating Mode -Single Zone VAV- If room temperature drops below Occupied heating set point (70°F adj.) the heating circuit shall energize, and fan shall ramp up to 2850 CFM until room temperature is satisfied. Outside air damper position modulate to provide minimum OAI CFM value listed on schedule outside air when unit is in full heating mode.

Economizer Mode – If room temperature rises above cooling set point and if outside air is 60°F or less, the economizer shall open to satisfy demand. If room temperature continues to rise the mechanical cooling shall energize as needed. If unit is not in economizer mode, the economizer shall be at minimum position. For RTU-6.1/RTU-6.2, the minimum position is minimum OAI value listed on schedule.

Demand Control Ventilation Mode- CO2 readings shall come from the wall mount CO2 sensor. That value shall be shared to the factory economizer controller. If the zone CO2 PPM reaches 800 ppm, the factory economizer shall be enabled and modulate open to the following damper position for Demand Control

Ventilation mode: For RTU-6.1/RTU-6.2 – damper shall open to position to provide DCV CFM value listed on package unit schedule and the supply fan shall ramp up to 2850 CFM when in DCV mode.

Relief air motorized dampers M1/M2 – If pressure in the MPR exceeds positive 0.05 inwc, then relief air dampers M1 and M2 shall open to provide a path for relief air.

Occupancy in Stage:

Occupied Mode:

Unit will be commanded "Occupied" from **1** occupancy sensor located in zone. Occupancy sensors shall be wired in parallel with as many occupancy sensors as necessary. When occupied, a relay sends a signal to thermostat controller for fan coil FC-6.2. Occupancy sensors to be set to a 20-minute time delay. Fan coil is now in occupied mode. See below.

Unoccupied Mode:

Occupancy sensors located in each zone shall command the unit into "Unoccupied" mode. Fan coil is now in unoccupied mode. See below.

Fan Coil FC-6.2 Control – Stage

All Mitsubishi fan coils shall interface to third party thermostat through Mitsubishi adapter for 3rd party Interface

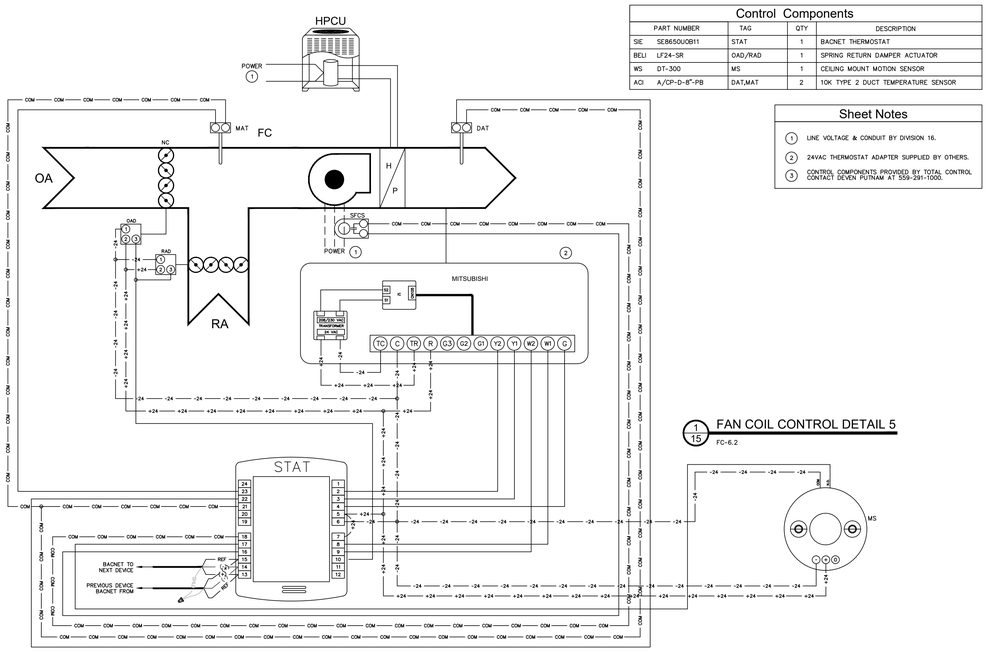
Occupied Mode –Upon receiving an Occupied command, the fan shall energize. Supply fan shall run continuously when occupied.

Cooling Mode – If room temperature rises above Occupied cooling set point (74F adj.) the mechanical cooling shall energize until room temperature is satisfied.

Heating Mode – If room temperature drops below Occupied heating set point (70F adj.) the heating circuit shall energize until room temperature is satisfied.

Economizer Mode – If room temperature rises above cooling set point and if outside air is less than 60F, the economizer shall open to satisfy demand. If room temperature continues to rise the mechanical cooling shall energize as needed. If unit is not in economizer mode, the economizer shall be at a minimum position. Refer to fan coil schedule for minimum outside air intake values.

Unoccupied Mode – In unoccupied mode the unit shall not sequence fan, heating and cooling until the Unoccupied set points are reached: 64F/78F adj. in space. (4°F setback/setup). Unit shall cycle on if any of the unoccupied set points are reached and then de-energize. Economizer OAI damper shall close when unit is in unoccupied mode.



Control Components			
PART NUMBER	TAG	QTY	DESCRIPTION
SIE SEB650U0B11	STAT	1	BACNET THERMOSTAT
BELI LF24-SR	OAD/RAD	1	SPRING RETURN DAMPER ACTUATOR
WS DT-300	WS	1	CEILING MOUNT MOTION SENSOR
ACI A/CP-D-8"-PB	DAT,MAT	2	10K TYPE 2 DUCT TEMPERATURE SENSOR

Sheet Notes	
1	LINE VOLTAGE & CONDUIT BY DIVISION 16.
2	24VAC THERMOSTAT ADAPTER SUPPLIED BY OTHERS.
3	CONTROL COMPONENTS PROVIDED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000.

1/15 FAN COIL CONTROL DETAIL 5
FC-6.2

14

16 1/17 SEQUENCE OF OPERATIONS CONTINUED

All Mitsubishi fan coils shall interface to third party thermostat through Mitsubishi adapter for 3rd party Interface

FC-5.1 thru 5.4; FC-6.3; and FC-7.5, Sequence of Operation for ducted fan coils with economizer:

Occupied Mode – Unit will be commanded "Occupied" from the Supervisory front-end system based on occupancy schedule in supervisory controller. Upon receiving an Occupied command, the fan shall energize. Supply fan shall run continuously during occupied hours.

Cooling Mode – If room temperature rises above Occupied cooling set point (74F adj.) the mechanical cooling shall energize until room temperature is satisfied.

Heating Mode – If room temperature drops below Occupied heating set point (70F adj.) the heating circuit shall energize until room temperature is satisfied.

Economizer Mode – If room temperature rises above cooling set point and if outside air is less than 60F, the economizer shall open to satisfy demand. If room temperature continues to rise the mechanical cooling shall energize as needed. If unit is not in economizer mode, the economizer shall be at a minimum position. Refer to fan coil schedule for minimum outdoor air intake values.

Unoccupied Mode – Supervisory front-end system shall command the unit to "Unoccupied mode". In occupied mode the unit shall not sequence fan, heating and cooling until the Unoccupied set points are reached. Unit shall cycle on if any of the unoccupied set points are reached and then de-energize. Economizer OAI damper shall close when unit is in unoccupied mode.

FC-2.1 thru 2.8; FC-4.1, 4.3 and 4.4; FC-7.1 thru 7.4 and FC-7.6 and 7.7 Sequence of Operation for fan coils with economizer and DCV:

Occupied Mode – Unit will be commanded "Occupied" from the Supervisory front-end system based on occupancy schedule in supervisory controller. Upon receiving an Occupied command, the fan shall energize. Supply fan shall run continuously during occupied hours.

Cooling Mode – If room temperature rises above Occupied cooling set point (74F adj.) the mechanical cooling shall energize until room temperature is satisfied.

Heating Mode – If room temperature drops below Occupied heating set point (70F adj.) the heating circuit shall energize until room temperature is satisfied.

Demand Control Ventilation Mode- CO2 readings shall come from the wall mount CO2 sensor. That value shall be shared to the economizer controller. If the zone CO2 PPM reaches 800 ppm, the economizer shall be enabled and modulate open to the damper position for Demand Control Ventilation mode: Refer to fan coil schedule for demand control ventilation CFM value. Damper position to be set at TABB.

Economizer Mode – If room temperature rises above cooling set point and if outside air is less than 60F, the economizer shall open to satisfy demand. If room temperature continues to rise the mechanical cooling shall energize as needed. If unit is not in economizer or DCV mode, the economizer shall be at a minimum position. Damper minimum position to be set at TABB. Refer to fan coil schedule for minimum OAI CFM values.

Unoccupied Mode – Supervisory front end system shall command the unit to "Unoccupied mode". In unoccupied mode the unit shall not sequence fan, heating and cooling until the Unoccupied set points are reached. Unit shall cycle on if any of the unoccupied set points are reached and then de-energize. Economizer OAI damper shall close when unit is in unoccupied mode.

FC-4.2 and FC-4.5 Sequence of Operation for ducted fan coils -no economizer - fixed outside air:

Occupied Mode – Unit will be commanded "Occupied" from the Supervisory front-end system based on occupancy schedule in supervisory controller. Upon receiving an Occupied command, the fan shall energize. Supply fan shall run continuously during occupied hours.

Cooling Mode – If room temperature rises above Occupied cooling set point (74F adj.) the mechanical cooling shall energize until room temperature is satisfied.

Heating Mode – If room temperature drops below Occupied heating set point (70F adj.) the heating circuit shall energize until room temperature is satisfied.

Unoccupied Mode – Supervisory front-end system shall command the unit to "Unoccupied mode". In unoccupied mode the unit shall not sequence fan, heating and cooling until the Unoccupied set points are reached. Unit shall cycle on if any of the unoccupied set points are reached and then de-energize.

DS-7.1 -Sequence of Operation for ductless fan coil:

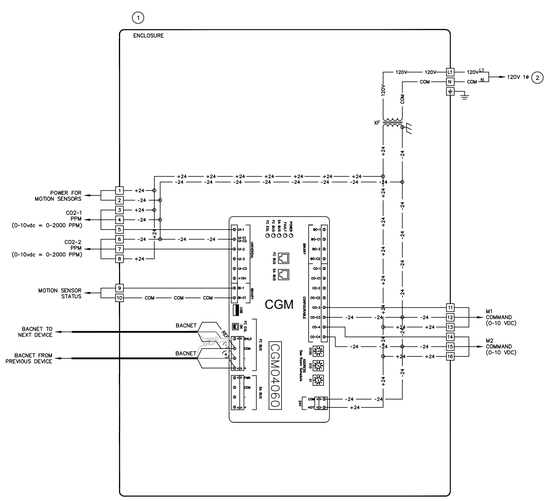
Cooling Mode – If room temperature rises above cooling set point (74F adj.) the mechanical cooling shall energize until room temperature is satisfied. Cooling operates 24 hours, 7 days a week, 365 days a year.

Heating Mode – If room temperature drops below heating set point (70F adj.) the heating circuit shall energize until room temperature is satisfied. Heating operates 24 hours, 7 days a week, 365 days a year.

(E)DS-5.1 -Sequence of Operation for ductless fan coil:

Monitoring Mode – If room temperature rises above (80F adj.) the BMS shall send an alarm to the district. Monitoring operates 24 hours, 7 days a week, 365 days a year. Cooling to be controlled by existing stand alone thermostat.

15 1/16 SEQUENCE OF OPERATIONS



Panel Components			
PART NUMBER	TAG	QTY	DESCRIPTION
JC F4-CGM04060-0	CGM	1	GENERAL PROGRAMMABLE CONTROLLER
HAM EN4SD20166GY	ENC	1	NEMA-4 ENCLOSURE
HAM EP2016	ENC	1	SOLID PANEL BACKPLATE
LEC 15550	XF	1	75VA 24V TRANSFORMER
AB 1489-M1C020	CB-1	1	2.0 AMP CIRCUIT BREAKER

Sheet Notes	
1	CONTROL PANELS FABRICATED BY TOTAL CONTROL CONTACT DEVEN PUTNAM AT 559-291-1000
2	LINE VOLTAGE AND CONDUIT BY DIVISION 16.

1/14 ROOF TOP TCP SCHEMATIC DETAIL

13

BMA Mechanical +
689 Tank Farm Rd., Ste 240
SLO, CA 93401
OFF: (805) 544-4269
BMA JOB# 25120.00

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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CONSULTANT

BRENDON ROSS NEIL — No. 34,564 — EXP: 6/30/27 — MECHANICAL — STATE OF CALIFORNIA

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL CONTROLS

NO.	REVISION	DATE

PROJECT MANAGER

DRAWN BY	CHECKED BY
NW	RR

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
MC-104

DSA SUBMITTAL

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CONTROLS TO BE JOHNSON CONTROLS
CONTACT DEVEN PUTNAM:
TOTAL CONTROL
A DIVISION OF RSD

5920 E. SHIELDS AVE. #101
FRESNO, CA 93727
(559) 291-1000
dputnam@rsd.net

GENERAL NOTES

1. Line voltage wiring and conduit by Division 16.
2. Low voltage daisy chain wiring and conduit by Division 15.
3. Panels shall all be UL listed.
4. Refer to specification section 230900 for further requirements.

Occupancy in Music Classroom:

Occupied Mode:

Unit will be commanded "Occupied" from **2** occupancy sensors located in zone. Occupancy sensors shall be wired in parallel with as many occupancy sensors as necessary. When occupied, a relay sends a signal to close dry contact on ERV-6.1 and thermostat controller for fan coil FC-6.1. Occupancy sensors to be set to a 20-minute time delay. Fan coil and ERV are now in occupied mode. See below.

Unoccupied Mode:

Occupancy sensors located in each zone shall command the unit into "Unoccupied" mode. Fan coil and ERV are now in unoccupied mode. See below.

ERV Control – Music Classroom:

Occupied mode: ERV supply fan and exhaust fan shall energize and provide minimum supply air and exhaust air values shown on Energy Recovery Ventilator schedule.

Demand Control Ventilation Mode- CO2 readings shall come from the wall mount CO2 sensor(s). That value shall be shared with the controller. If the zone CO2 PPM reaches 800 ppm, the supply fan and exhaust fan shall ramp up to the Demand Control Ventilation mode and provide supply and exhaust air values shown on the ERV schedule. If the zone CO2 PPM is 700 ppm or less, then the supply fan and exhaust fan shall ramp down to minimum values shown on the ERV schedule.

Unoccupied mode: ERV supply fan and exhaust fan shall de-energize.

Fan Coil FC-6.1 Control – Music Classroom

All Mitsubishi fan coils shall interface to third party thermostat through Mitsubishi adapter for 3rd party Interface

Occupied Mode –Upon receiving an Occupied command, the fan shall energize. Supply fan shall run continuously during occupied hours.

Cooling Mode – If room temperature rises above Occupied cooling set point (74F adj.) the mechanical cooling shall energize until room temperature is satisfied.

Heating Mode – If room temperature drops below Occupied heating set point (70F adj.) the heating circuit shall energize until room temperature is satisfied.

Unoccupied Mode –In unoccupied mode the unit shall not sequence fan, heating and cooling until the Unoccupied set points are reached: 64F/78F adj. in space. (4°F setback/setup). Unit shall cycle on if any of the unoccupied set points are reached and then de-energize.

Exhaust fans:

EF-5.4 and EF-7.3:

Exhaust fan to serve as back-up cooling if Ductless split systems fails in Data and Computer rooms.

Fans to energize if space temperature exceeds 80F.

13 1/18 SEQUENCE OF OPERATIONS CONTINUED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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CONSULTANT

LICENSED PROFESSIONAL ENGINEER
BRANDON RODGERS
M. 36282
EXP: 6/30/27
MECHANICAL
STATE OF CALIFORNIA

BMA Mechanical +
689 Tank Farm Rd., Ste 240
SLO, CA 93401
OFF: (805) 544-4269
BMA JOB# 25120.00

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
MECHANICAL CONTROLS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER

DRAWN BY	CHECKED BY
NW	RR

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
MC-105

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PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MIN. BRANCH SIZE (")				MAKE AND MODEL	FITTINGS	REMARKS
		W	V	CW	HW			
FD-1	FLOOR DRAIN W/ SQUARE STRAINER & TRAP PRIMER	2	1-1/2	1/2	–	ZURN #Z415S-2NH-VP-P, 5"x5", CAST IRON W/ BRONZE STRAINER	ZURN #Z1022-XL LEAD FREE SANI-GUARD AUTOMATIC TRAP PRIMER	
FS-1	FLOOR SINK W/HALF GRATE & TRAP PRIMER	2	1-1/2	–	–	ZURN #Z1900-2NH-2, 12"x12"x6" ENAMELED CAST IRON	ZURN #Z1022-XL LEAD FREE SANI-GUARD AUTOMATIC TRAP PRIMER	SEE DETAIL 6/P-001
FS-2	FLOOR SINK W/FULL GRATE & TRAP PRIMER	2	1-1/2	–	–	ZURN #Z1900-2NH-4, 12"x12"x6" ENAMELED CAST IRON FULL GRATE W/ROUND CENTER OPENING	ZURN #Z1022-XL LEAD FREE SANI-GUARD AUTOMATIC TRAP PRIMER W/ DISTRIBUTION UNIT	SEE DETAIL 6/P-001
HB-1	HOSE BIBB WALL MOUNT W/ VACUUM BREAKER	–	–	3/4	–	WOODFORD #24-CH, CHROME PLATED BRASS	PROVIDE W/LOOSE TEE KEY	
MS-1	MOP SINK FLOOR MOUNTED W/ VACUUM BREAKER	3	2	3/4	3/4	AMR. STD. "FLORWELL" #7745.811 28"x28"x13", ENAMELED CAST IRON	T&S BRASS FAUCET #B-0665-BSTP W/INTEGRAL SERVICE STOP & SPRING CHECK CARTRIDGES, FIAT HOSE #832-AA, FIAT HANGER #889-CC AND FIAT WALL GUARDS #MSG2828	
RD-1	ROOF DRAIN	3	–	–	–	ZURN #Z125-DP-NH3 8"ø, CAST IRON WITH METAL DOME AND DECK PLATE		
S-1	ADA SINGLE BOWL SINK COUNTER TOP W/ GOOSENECK & BUBBLER	2	1-1/2	3/4	–	ELKAY #CDKAD251765.2, 25"x17"x6-1/2", 18 GA STAINLESS STEEL	CHICAGO #350-ABCP, HAWS BUBBLER #5054LF, FLAT GRID STRAINER, STOP, SUPPLY, & C.P. BRASS "P" TRAP	INSTALL PER ADA REQUIREMENTS MOUNT BUBBLER AT FRONT OF SINK PROVIDE INDEPENDENT STOPS FOR FAUCET AND BUBBLER
S-2	ADA SINGLE BOWL SINK COUNTER TOP 1.5 GPM	2	1-1/2	1/2	–	ELKAY #LRAD02521, 21"X25"X6½" 18 GA. STAINLESS STEEL	CHICAGO FAUCET #895-317GN2AE36ABCP, STRAINER #LK35, STOPS, SUPPLIES & C.P. BRASS "P" TRAP	INSTALL PER ADA REQUIREMENTS
S-3	ADA SINGLE BOWL SINK COUNTER TOP 1.5 GPM	2	1-1/2	1/2	1/2	ELKAY #LRAD02521, 21"X25"X6½" 18 GA. STAINLESS STEEL	CHICAGO FAUCET #895-317GN2AE36ABCP, STRAINER #LK35, STOPS, SUPPLIES & C.P. BRASS "P" TRAP	INSTALL PER ADA REQUIREMENTS
S-4	TRIPLE BOWL SINK FREESTANDING DUAL FAUCET	FS	–	3/4	3/4	ADVANCE TABCO #94-23-60-18RL OR EQUAL, 103"Wx28"Dx38"H, 16 GA. STAINLESS	(2)CHICAGO FAUCET #540-LDL15E1WXFABCP, (3) LEVER WASTE DRAINS STAINLESS STEEL BASKET, STOPS, SUPPLIES	
S-5	SINGEL BOWL SINK FREESTANDING	FS	–	3/4	3/4	ADVANCE TABCO #FC-1-1620-18R OR EQUAL, 36-1/2"Wx26"Dx38"H, 16 GA. STAINLESS	CHICAGO FAUCET #540-LDL12E1WXFABCP, WALL MOUNTED, CENTER WASTE DRAIN STAINLESS STEEL BASKET, STOPS, SUPPLIES	

PLUMBING ABBREVIATIONS

ABV	ABOVE	IE	INVERT ELEVATION
ADA	AMERICAN DISABILITIES ACT	KW	KILOWATTS
AFF	ABOVE FINISHED FLOOR	LAV	LAVATORY
AG	ABOVE GRADE	LBS	POUNDS
AMP	AMPERAGE	MAX	MAXIMUM
ARCH	ARCHITECT	MBTUH	BTU PER HOUR (THOUSANDS)
BEL	BELOW	MECH	MECHANICAL
BFP	BACKFLOW PREVENTOR	MFR	MANUFACTURE OR MANUFACTURER
BLDG	BUILDING	MIN	MINIMUM
CFH	CUBIC FOOT PER HOUR	(N)	NEW
CI	CAST IRON	NPS	NOMINAL PIPE SIZE
℄	CENTER LINE	NTS	NOT TO SCALE
CONN	CONNECTION	PH	PHASE
CONT	CONTINUE(D)	PP	POLYPROPYLENE
CP	CHROME PLATED	PSI	POUNDS PER SQUARE INCH
CPVC	CHLORINATED POLYVINYL CHLORIDE	RM	ROOM
CY	CYCLES	RPM	REVOLUTIONS PER MINUTE
DFU	DRAINAGE FIXTURE UNITS	RWL	RAIN WATER LEADER
DN	DOWN	RWO	RAIN WATER OVERFLOW
(E)	EXISTING	SOV	SHUT-OFF VALVE
ELEC	ELECTRICAL	TW	TEMPERED WATER
EQPT	EQUIPMENT	TYP	TYPICAL
FLR	FLOOR	UON	UNLESS OTHERWISE NOTED
FR	FROM	V	VENT
FT	FLUSH TANK	VAC	VACUUM
FV	FLUSH VALVE	VTR	VENT THRU ROOF
GA	GAGE OR GAUGE	W	WASTE
GALV	GALVANIZED	W/	WITH
GPC	GALLONS PER CYCLE	W/O	WITHOUT
GPF	GALLONS PER FLUSH	WC	WATER CLOSET
GPM	GALLONS PER MINUTE	WSFU	WATER SUPPLY FIXTURE UNIT
HP	HORSEPOWER	WT	WEIGHT

PLUMBING LEGEND

SYMBOL	ABBREV.	DESCRIPTION
		PIPE UP
		PIPE DOWN
		PIPE CONNECTION
		CAPPED/PLUGGED PIPE
	HB	HOSE BIBB
		FLOOR DRAIN
	POC/POD	POINT OF CONNECTION OR DISCONNECTION
CD	CD	CONDENSATE DRAIN
	DEMO	DEMOLITION

PLUMBING GENERAL NOTES

1. All work shown herein shall comply with the requirements of the following codes:
   - 2025 California Administrative Code (CAC): Part 1, Title 24, California Code of Regulations (CCR)
   - 2025 California Building Code (CBC): Part 2, Title 24 CCR
   - 2025 California Electrical Code (CEC): Part 3, Title 24 CCR
   - 2025 California Mechanical Code (CMC): Part 4, Title 24 CCR
   - 2025 California Plumbing Code (CPC): Part 5, Title 24 CCR
   - 2025 California Energy Code (CEnC): Part 6, Title 24 CCR
   - 2025 California Fire Code (CFC): Part 9, Title 24 CCR
   - 2025 California Green Building Standards Code (CALGreen): Part 11, Title 24 CCR
   - 2025 California Referenced Standards Code, Part 12 Title 24 CCR Title 19 CCR, Public Safety, State Fire Marshal Regulations
2. Contractors are referred to the specifications of the project for more detailed and additional requirements.
3. Furnish all labor, materials, transportation, and perform all required operations to provide a complete and operable system, in accordance with the full intent and meaning of the Drawings, Specifications, and per standard trade practices.
4. The installation of piping and equipment shall be made in such a manner to clear beams and obstructions. Do not cut into or reduce the size of plates or any load carrying members without approval of the Architect. Check drawings and work of others to prevent interference.
5. All plumbing fixtures, fittings and piping shall be "lead-free" per California AB1953 and meet the requirements of ANSI/NSF 61, Section 9.
6. All locations of piping and equipment are shown diagrammatically. Adhere to locations as closely as possible. Vary runs or arrangement of piping as required to meet structural and other interferences or as required by Architect.
7. Pipe sizes shown on drawings shall be installed as shown. Branch line sizes to fixtures when not indicated shall be per minimum branch line size as indicated on fixture schedule. Equipment and appliance supply piping shall be as indicated on drawings. Contractor shall verify size of equipment or appliance connection and provide reducing fittings to suit.
8. Materials exposed within any space being used as a air plenum shall be non combustible or shall have a flame spread index not greater than 25 and a smoke developed index not greater than 50, when tested as a composite product in accordance with one of the following test methods: NFPA 255, method of test of surface burning characteristics of building materials, ASTM E84, surface burning characteristics of building materials, or UL 723, test for surface burning characteristics of building materials.
9. No product will be accepted on the job site without prior approval by the Architect. The Contractor shall submit catalog sheets of all plumbing equipment.
10. Provide threaded 1/4"turn angle stops only, no compression angle stops.
11. Access panels in restrooms are to be located above the wall tile. All Valves not behind an access panel or door will have an ID sticker. If valve is above ceiling, a placard will be applied to ceiling tile, stating "Valve Above". All valves to have brass tags stating what they are for (i.e. "Girls Restroom").
12. Absolutely no Abandoned water legs will be left in place, i.e. no caps or plugs. If leg is being abandoned, the Tee will be removed and the line will be repaired with no dead leg, applicable in all situations (i.e. interior and exterior).
13. All plumbing fixtures and products are to be verified to be in accordance with District Standards. Contractor to be provided and/or request District Standards to ensure compliance prior to providing product submittals to BMA Mechanical+ for review.
14. The run time of hand-operated metering faucets shall be set for a minimum of 10 seconds.
15. All piping materials are to be stored and capped in a clean dry location. All piping installed shall be capped at the end of each work day to prevent dust, dirt or foreign material entering the pipe from the time of rough-in installation until the final connection of the piping to fixtures or equipment.
16. Rough-in and/or install plumbing fixtures at heights indicated on plans, or as directed by Architect. If a conflict in fixture location is noted on the drawings, the architectural drawings shall take precedence.
17. Piping is to be supported by hangers less than 12" from support structure.
18. Verify all P.O.C's for all utilities i.e. pothole each side, field verify depths throughout for all existing utilities. No allowance shall subsequently be made on behalf of the contractor on account of an error on his or her part of his or her negligence of failure to acquaint himself or herself with the conditions of the site, existing utility locations and easements, or of the street or roads approaching the site.
19. Contractor to physically walk the site and verify all utility point of connections for all utilities, I.E. pothole each side. Field verify depths throughout for all existing utilities.
20. No allowance shall subsequently be made on behalf of the contractor on account of an error on his or her part of his or her negligence of failure to acquaint himself or herself with the conditions of the site, existing utility locations and easements, or the street or roads approaching the site.

BRACING AND ANCHORAGE

MEP Component Anchorage Note

All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the DSA-approved construction documents. The following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2022 CBC Sections 1617A.1.18 through 1617A.1.26 and ASCE 7-16 Chapters 13, 26, and 30:

1. All permanent equipment and components.
2. Temporary movable or mobile equipment that is permanently attached (e.g. hard wired) to the building utility services such as electricity, gas or water. "Permanently attached" shall include all electrical connections except plugs for 110/220 volt receptacles having a flexible connection.
3. Temporary, movable or mobile equipment which is heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly support the component is required to be restrained in a manner approved by DSA.

The following mechanical and electrical components shall be positively attached to the structure but need not demonstrate design compliance with the reference notes above. These components shall have flexible connections provided between the component and associated ductwork, piping and conduit. Flexible connections must allow movement in both transverse and longitudinal directions:

A. Components weighing less than 400 pounds and have a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.

B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

For anchorage of all mechanical, electrical and plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance by DSA. The project inspector will verify that all components and equipment have been anchored in accordance with the above requirements.

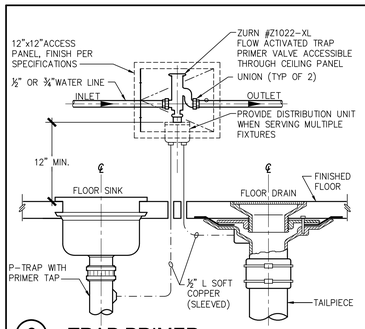
Piping, Ductwork, and Electrical Distribution System Bracing Note

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7 Section 13.3 as defined in ASCE 7 Section 13.6.5, 13.6.6, 13.6.7, 13.6.8; and 2022 CBC, Sections 1617A.1.24, 1617A.1.25 and 1617A.1.26.

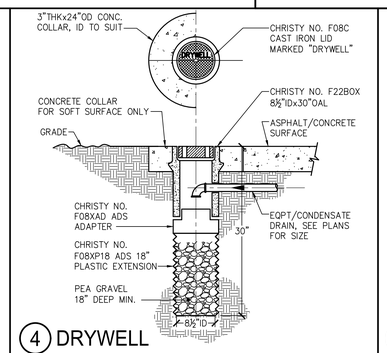
The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. The MEP design professional engineer responsible for content on these sheets has verified that the design methods identified below are in accordance with DSA IR 16-13.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP), Electrical Distribution Systems (E):

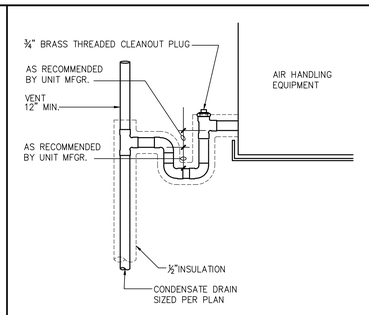
MP [X] MD [ ] PP [X] E [ ] – Option 1: Project-Specific Design.
MP [ ] MD [ ] PP [ ] E [ ] – Option 2: Design Based on OSHPD OPM, Within Project Submittal
MP [ ] MD [ ] PP [ ] E [ ] – Option 3: Design Based on OSHPD OPM, Deferred Submittal



6 TRAP PRIMER



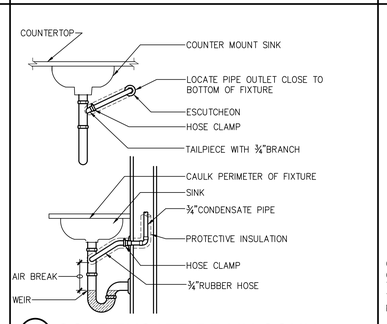
4 DRYWELL



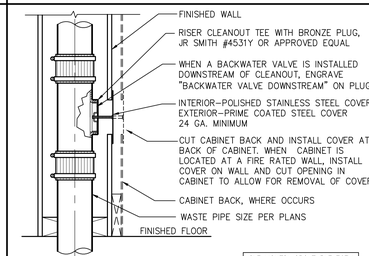
2 UNIT CONDENSATE DRAIN

NOT USED

5



3 CONDENSATE DRAIN CONN.



CLEANOUTS IN PIPING 2" OR LESS SHALL HAVE A CLEARANCE OF NOT LESS THAN 12" IN FRONT OF THE CLEANOUT, CLEANOUTS IN PIPING LARGER THAN 2" INCHES SHALL HAVE A CLEARANCE OF NOT LESS THAN 18".

CLEANOUTS: CPC TABLE 707.1	
PIPE SIZE	CLEANOUT SIZE
1½"-2"	1⅞"
2½"-3"	2⅝"
4" & LARGER	3⅞"

1 WALL CLEANOUT
NTS

PLUMBING SHEET INDEX

P-001	PLUMBING SCHEDULES, DETAILS, NOTES, LEGEND & ABBREVIATIONS
P2-101	PLUMBING DEMO AND PROPOSED FLOOR PLAN
P4-101	PLUMBING DEMO AND PROPOSED FLOOR PLAN
P5-101	PLUMBING DEMO AND PROPOSED FLOOR PLAN
P6-101	PLUMBING DEMO FLOOR PLAN
P6-102	PLUMBING PROPOSED FLOOR PLAN
P6-121	PLUMBING DEMO ROOF PLAN
P6-122	PLUMBING PROPOSED ROOF PLAN
P7-101	PLUMBING DEMO AND PROPOSED FLOOR PLAN

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PLUMBING DESIGNER	David Mena	(805) 548-1448	davidm@bmaslo.com
ENERGY ANALYST	Dustin Lane	(805) 548-1452	dustinl@bmaslo.com

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APP: 03-125575 INC:
REVIEWED FOR
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DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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OFF: (805) 544-4269
BMA JOB# 25120.00

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

PLUMBING SCHEDULES, DETAILS, NOTES, LEGENDS, & ABBREVIATIONS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER

DRAWN BY: DM
CHECKED BY: RS
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: P-001

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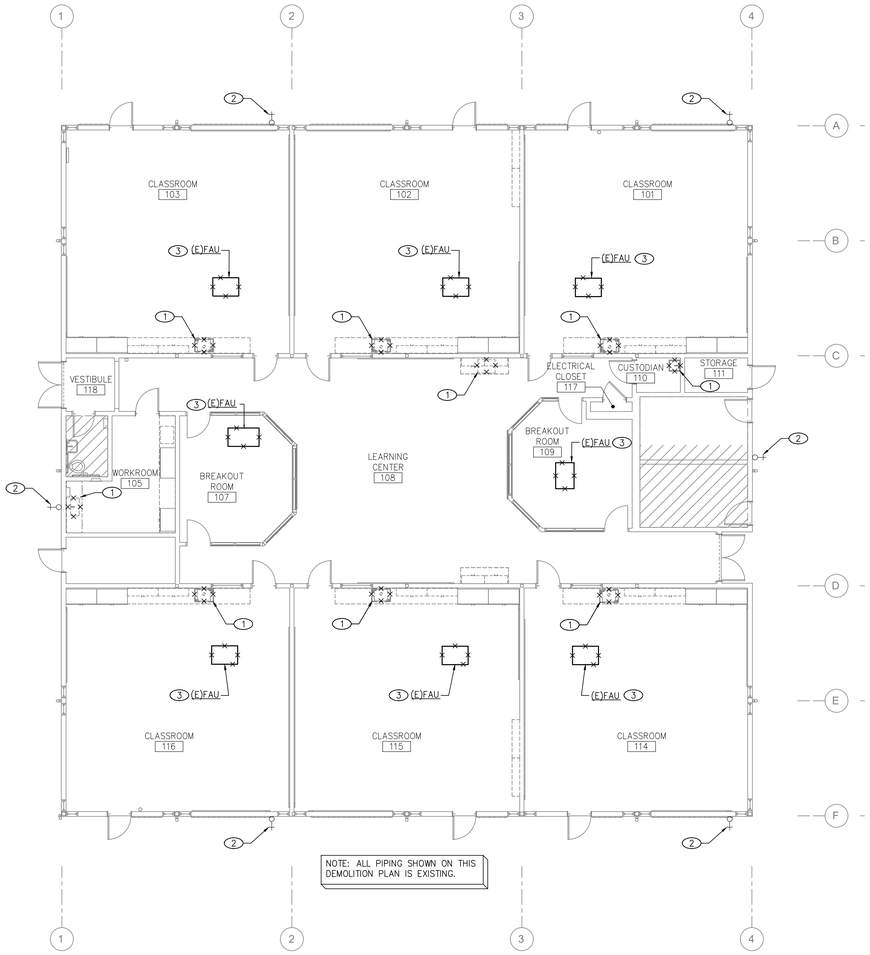
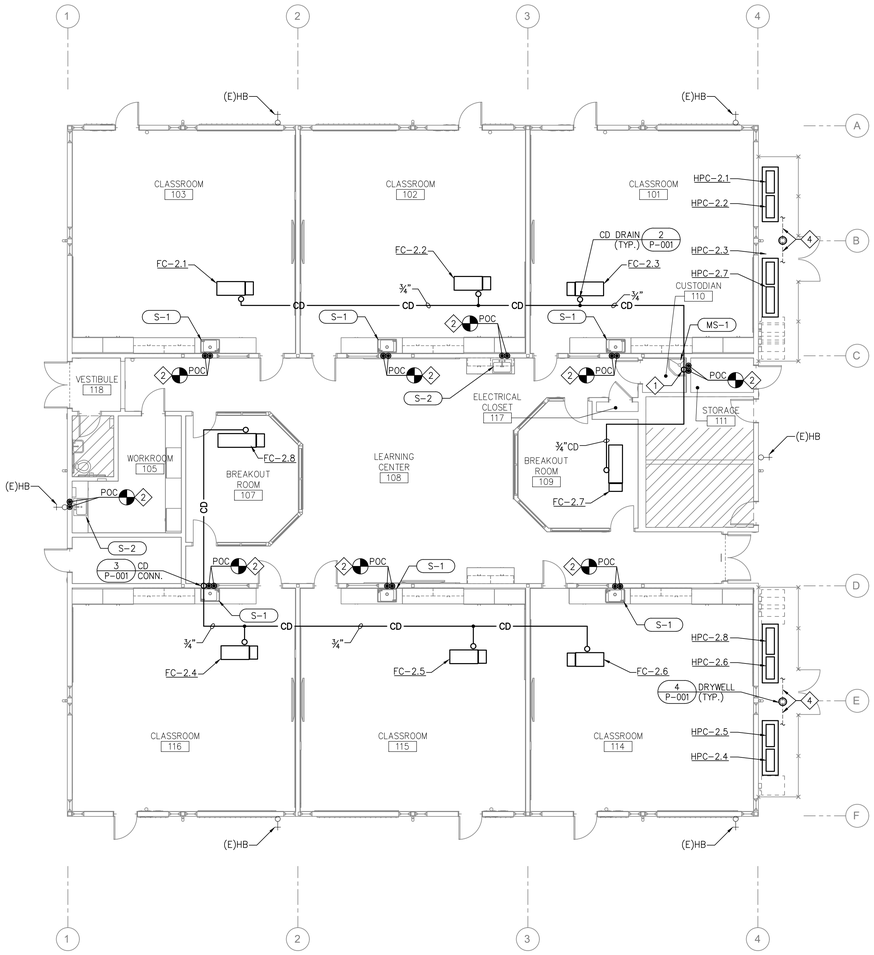
\\1EpmyfileDrive\data\Drawings\2025\25120.00_SLO\ED CL smith ES Ph 2\plumb\25120.00_P-001_Schedule.dwg, P-001, Feb 27, 2026 10:08am, DavidMena

This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.



PLUMBING BUILDING 200 - OVERALL - FLOOR PLAN DEMO

SCALE:1/8"=1'-0"



PLUMBING BUILDING 200 - OVERALL - FLOOR PLAN

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2. See plumbing fixture schedule for pipe branch size to individual fixtures.
3. Install all waste piping with a minimum 2% slope unless otherwise noted.

DEMOLITION NOTES

(1) Remove existing fixture and prepare space for future fixture.

(2) Fixture to remain.

(3) Mechanical unit to be removed. Disconnect and demo gas piping. Cap existing gas piping at building service entrance.

(4) Mechanical unit to be removed. Disconnect and demo gas piping. Cap existing gas piping at building service entrance.

SPECIAL NOTE:
UPON REMOVAL OF FIXTURES, VIDEO-SCOPE WASTE LINE AND INCLUDE A DETAILED REPORT DESCRIBING THE FOLLOWING CONDITIONS;
1. EXACT ROUTING, DEPTH, AND MATERIAL TYPE.
2. CONDITION OF INTERNAL PIPE.
3. VERIFICATION AND LOCATIONS OF ALL POINTS OF CONNECTIONS AND LATERALS.

REFERENCE NOTES

(1) Install ¾"Condensate exposed and tight to the wall and indirect discharge to mop sink.

(2) Point of connection (POC) to the existing waste, vent and water lines for the new fixture.

(3) ¾"Drainage indirect from trench drain to drywell.

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DSA APP.#: 03-125575
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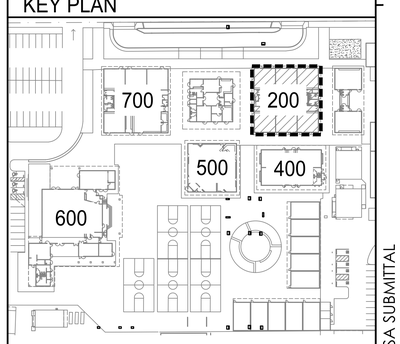
KEY PLAN



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PLUMBING BLDG 200 OVERALL DEMOLITION AND PROPOSED FLOOR PLANS

NO.	REVISION	DATE
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DRAWN BY: DM
CHECKED BY: RS
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: P2-101

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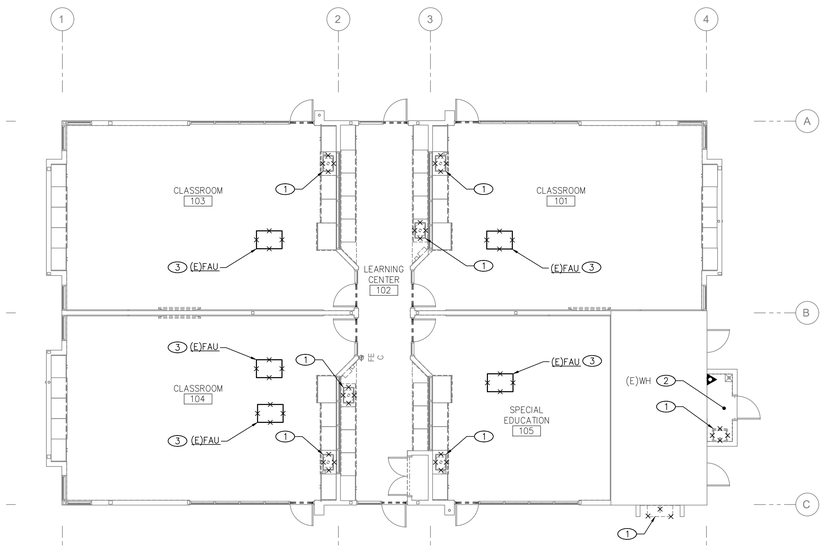
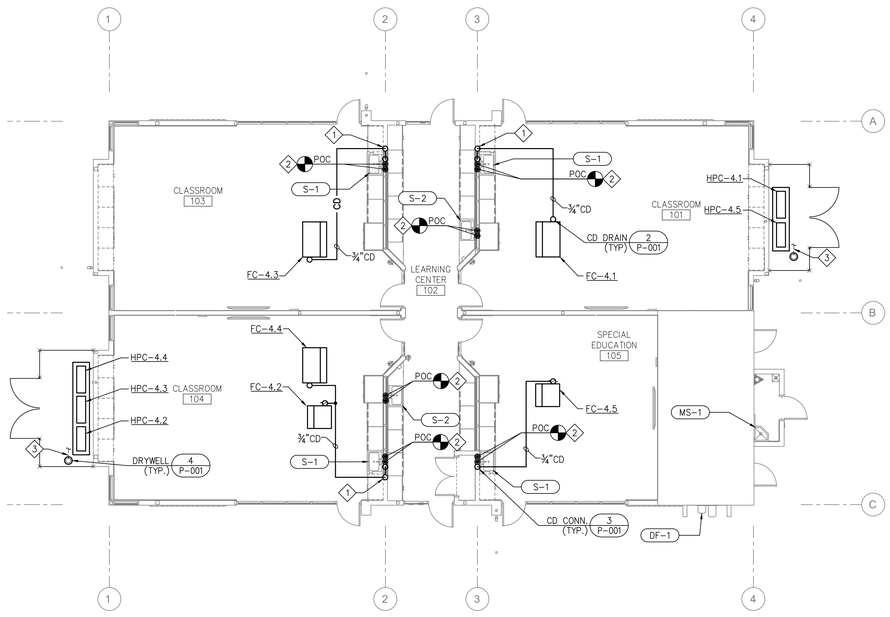


NOTE: ALL PIPING SHOWN ON THIS DEMOLITION PLAN IS EXISTING.

PLUMBING BUILDING 400 - OVERALL - FLOOR PLAN DEMO

SCALE:1/8"=1'-0"



PLUMBING BUILDING 400 - OVERALL - FLOOR PLAN

SCALE:1/8"=1'-0"

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2. See plumbing fixture schedule for pipe branch size to individual fixtures.
3. Install all waste piping with a minimum 2% slope unless otherwise noted.

DEMOLITION NOTES

(1) Remove existing fixture and prepare space for future fixture.

(2) Fixture to remain.

(3) Mechanical unit to be removed. Disconnect and demo gas piping. Cap existing gas piping at building service entrance.

SPECIAL NOTE:
UPON REMOVAL OF FIXTURES, VIDEO-SCOPE WASTE LINE AND INCLUDE A DETAILED REPORT DESCRIBING THE FOLLOWING CONDITIONS;
1. EXACT ROUTING, DEPTH, AND MATERIAL TYPE.
2. CONDITION OF INTERNAL PIPE.
3. VERIFICATION AND LOCATIONS OF ALL POINTS OF CONNECTIONS AND LATERALS.

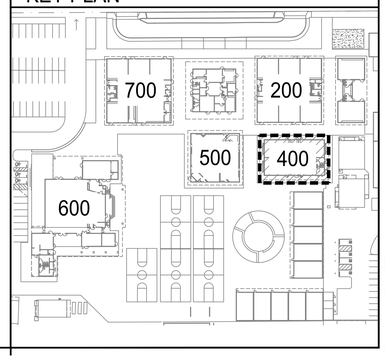
REFERENCE NOTES

(1) Condensate from Fan Coil to tailpiece of sink. Offset piping in wall under interior window.

(2) Point of connection (POC) to existing waste, vent and water lines for the new fixture.

(3) ¾"Drainage indirect from trench drain to drywell.

KEY PLAN



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PLUMBING BLDG 400 OVERALL DEMOLITION AND PROPOSED FLOOR PLANS

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PROJECT NUMBER: 0100-06-ED24
SHEET: P4-101

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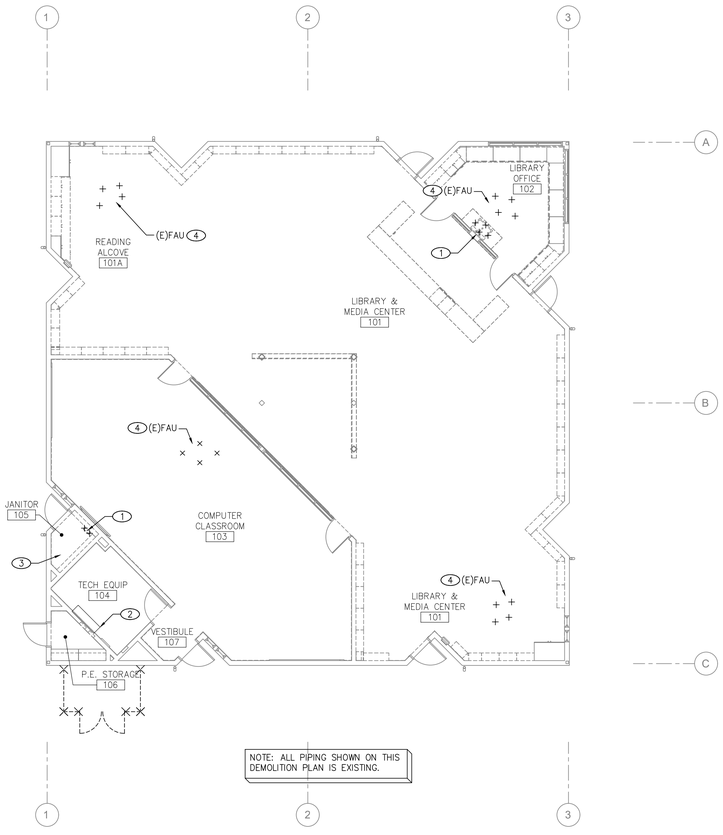
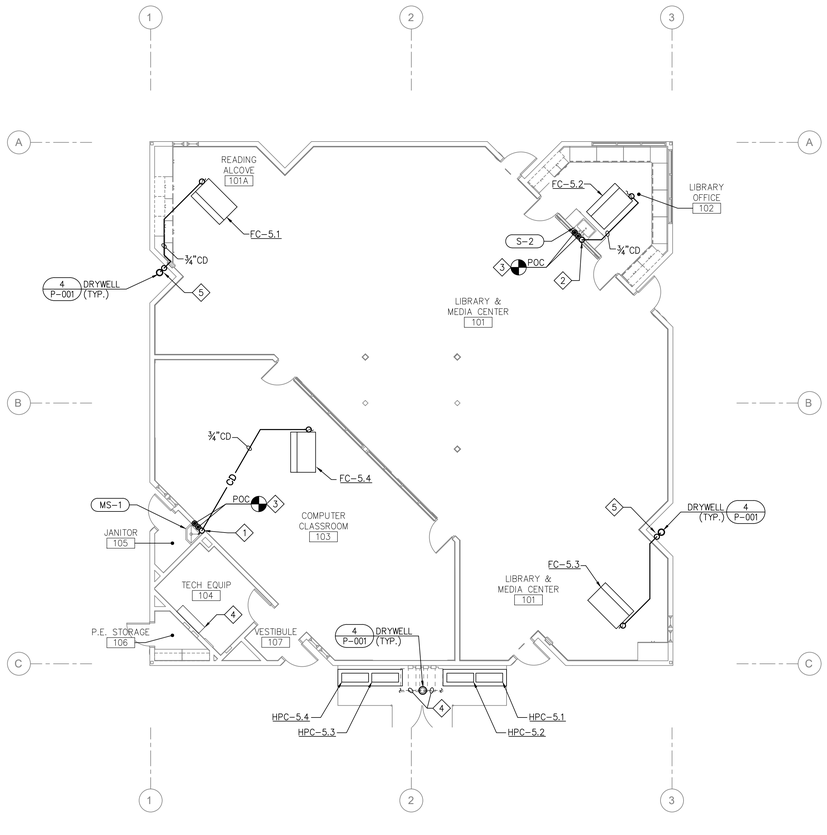


PLUMBING BUILDING 500 - OVERALL - FLOOR PLAN DEMO

SCALE:1/8"=1'-0"



PLUMBING BUILDING 500 - OVERALL - FLOOR PLAN

SCALE:1/8"=1'-0"

GENERAL NOTES

1. This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.
2. See plumbing fixture schedule for pipe branch size to individual fixtures.
3. Install all waste piping with a minimum 2% slope unless otherwise noted.

DEMOLITION NOTES

1. Remove existing fixture and prepare space for future fixture.
2. Existing mechanical unit to remain.
3. Existing water heater to remain.
4. Mechanical unit to be removed. Disconnect and demo gas piping. Cap existing gas piping at building service entrance.

SPECIAL NOTE:
UPON REMOVAL OF FIXTURES, VIDEO-SCOPE WASTE LINE AND INCLUDE A DETAILED REPORT DESCRIBING THE FOLLOWING CONDITIONS;
1. EXACT ROUTING, DEPTH, AND MATERIAL TYPE.
2. CONDITION OF INTERNAL PIPE.
3. VERIFICATION AND LOCATIONS OF ALL POINTS OF CONNECTIONS AND LATERALS.

REFERENCE NOTES

1. Condensate from Fan Coil exposed tight on wall, down to spill indirect into mop sink.
2. Condensate from Fan Coil to tailpiece of sink. See detail 3/P-001.
3. Point of connection (POC) to existing waste, vent and water lines for the new fixture.
4. Existing mechanical unit.
5. Condensate from Fan Coil in attic space to penetrate exterior wall below eave to run down exposed tight to wall to drywell. Paint CD line to match building exterior.
6. ¾"Drainage indirect from trench drain to drywell.

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APP: 03-125575 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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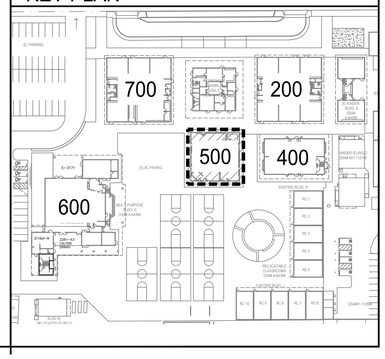
CONSULTANT

BMA Mechanical +
689 Tank Farm Rd., Ste 240
SLO, CA 93401
OFF: (805) 544-4269
BMA JOB# 25120.00

KEY PLAN



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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

PLUMBING BLDG 500 OVERALL DEMOLITION AND PROPOSED FLOOR PLANS

NO.	REVISION	DATE
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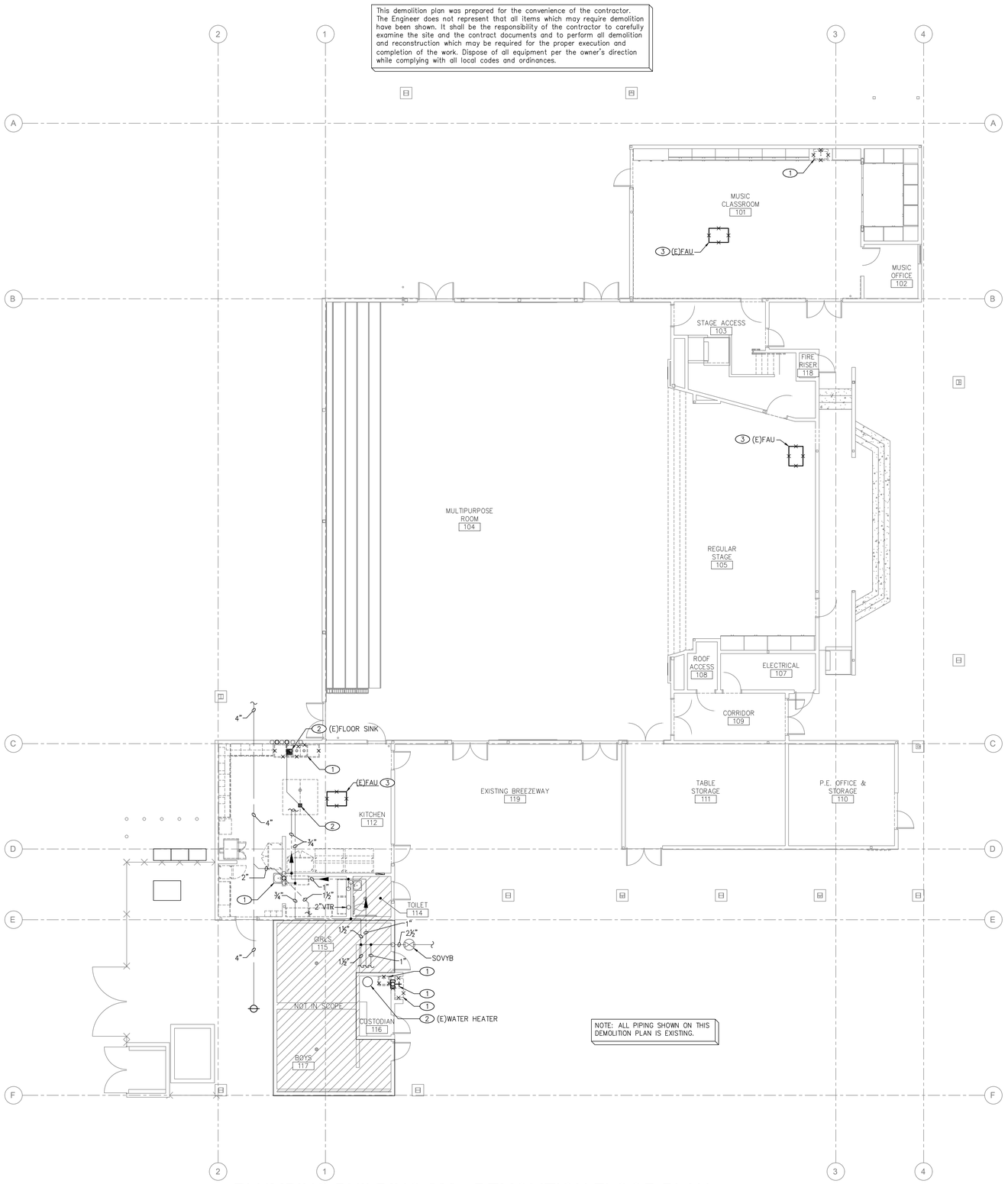
PROJECT MANAGER
DRAWN BY: DM
CHECKED BY: RR
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: P5-101

\\Egnyte\Drive\data\Drawings\2025\25120.00_SLO\DSD CL Smith ES Ph 2\plumb\25120.00_P500-101 E.dwg, P5-101, Feb 27, 2026 12:03pm, DavidMena



PLUMBING BUILDING 600 - DEMOLITION FLOOR PLAN

SCALE:1/8"=1'-0"

GENERAL NOTES

1. This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.

DEMOLITION NOTES

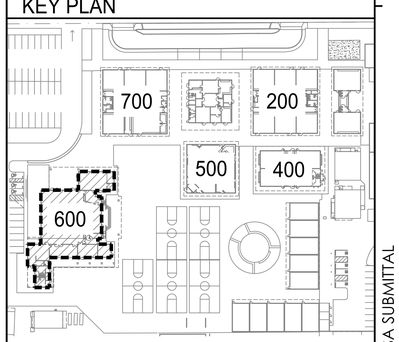
(1) Remove existing fixture and prepare space for future fixture.

(2) Fixture to remain.

(3) Mechanical unit to be removed. Disconnect and demo gas piping. Cap existing gas piping at building service entrance.

SPECIAL NOTE:
UPON REMOVAL OF FIXTURES, VIDEO-SCOPE WASTE LINE AND INCLUDE A DETAILED REPORT DESCRIBING THE FOLLOWING CONDITIONS;
1. EXACT ROUTING, DEPTH, AND MATERIAL TYPE.
2. CONDITION OF INTERNAL PIPE.
3. VERIFICATION AND LOCATIONS OF ALL POINTS OF CONNECTIONS AND LATERALS.

KEY PLAN



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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
PLUMBING BLDG 600
DEMOLITION FLOOR PLAN

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DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: P6-101

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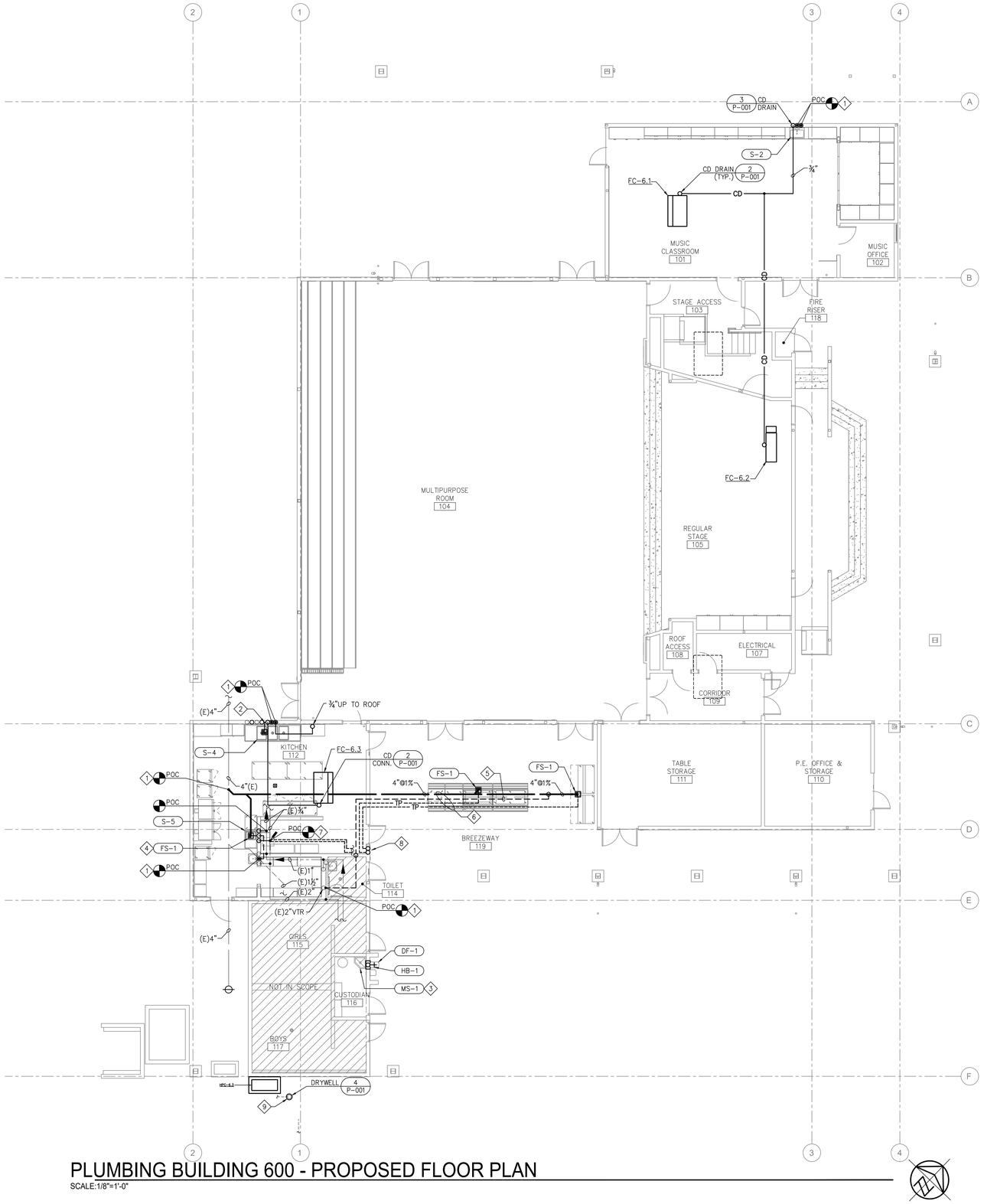


PLUMBING BUILDING 600 - PROPOSED FLOOR PLAN

SCALE:1/8"=1'-0"

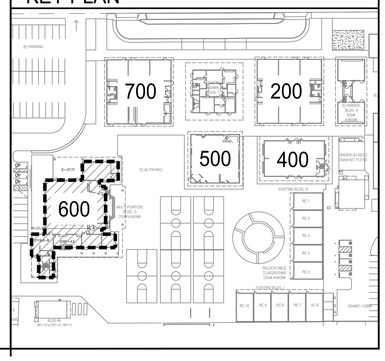
GENERAL NOTES

1. See plumbing fixture schedule for pipe branch size to individual fixtures.
2. Install all waste piping with a minimum 2% slope unless otherwise noted.

REFERENCE NOTES

1. Field verify exact point of location for Point of Connection (POC) to existing waste, vent and water lines prior to construction.
2. ¾"Condensate indirect to existing floor sink.
3. Sawcut floor as needed for new floor mounted mop sink.
4. Sawcut floor as needed for new floor sink.
5. 1½"Vent below grade.
6. Sawcut floor as needed for waste, vent and trap primer within shared trench.
7. Flow activated trap primer above access panel in kitchen ceiling. Label according to District Standards. Point of connection to existing cold water line located in the attic space. Contractor to field verify exact location prior to construction.
8. 1½"Vent up to roof and (2)¾"Trap primer lines down in walls to below grade.
9. ¾"Drainage indirect from trench drain to drywell.

KEY PLAN



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PLUMBING BLDG 600
PROPOSED FLOOR PLAN

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PROJECT NUMBER
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P6-102

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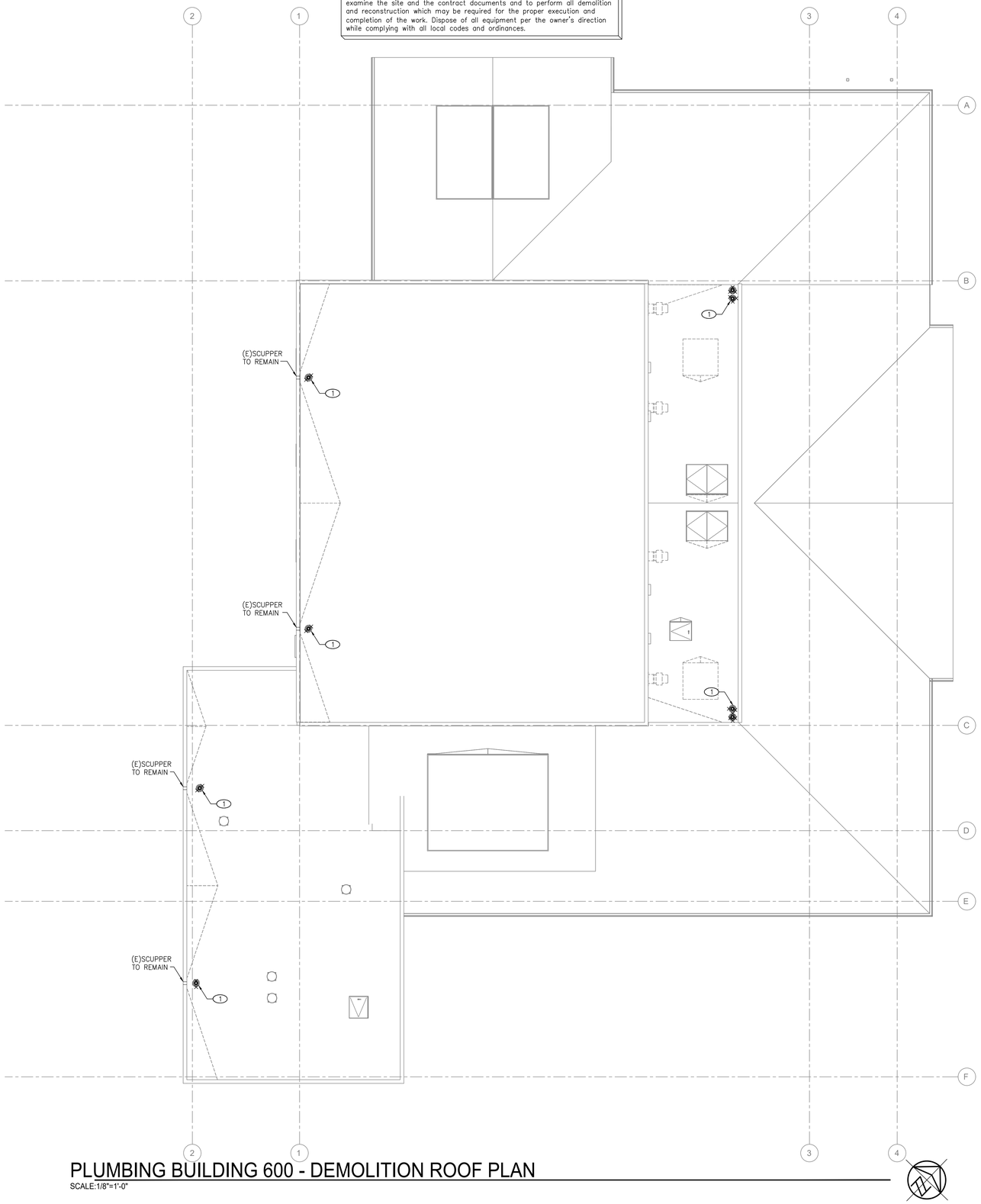


PLUMBING BUILDING 600 - DEMOLITION ROOF PLAN

SCALE:1/8"=1'-0"

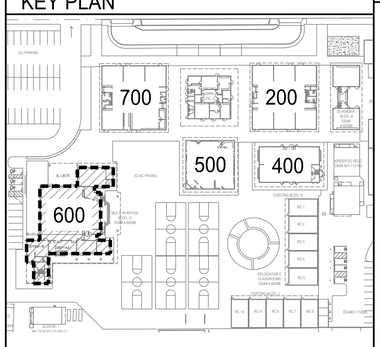
GENERAL NOTES

1. This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work. Dispose of all equipment per the owner's direction while complying with all local codes and ordinances.

DEMOLITION NOTES

(1) Remove existing fixture and prepare space for future fixture.

KEY PLAN



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1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
PLUMBING BLDG 600
DEMOLITION ROOF PLAN

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DATE
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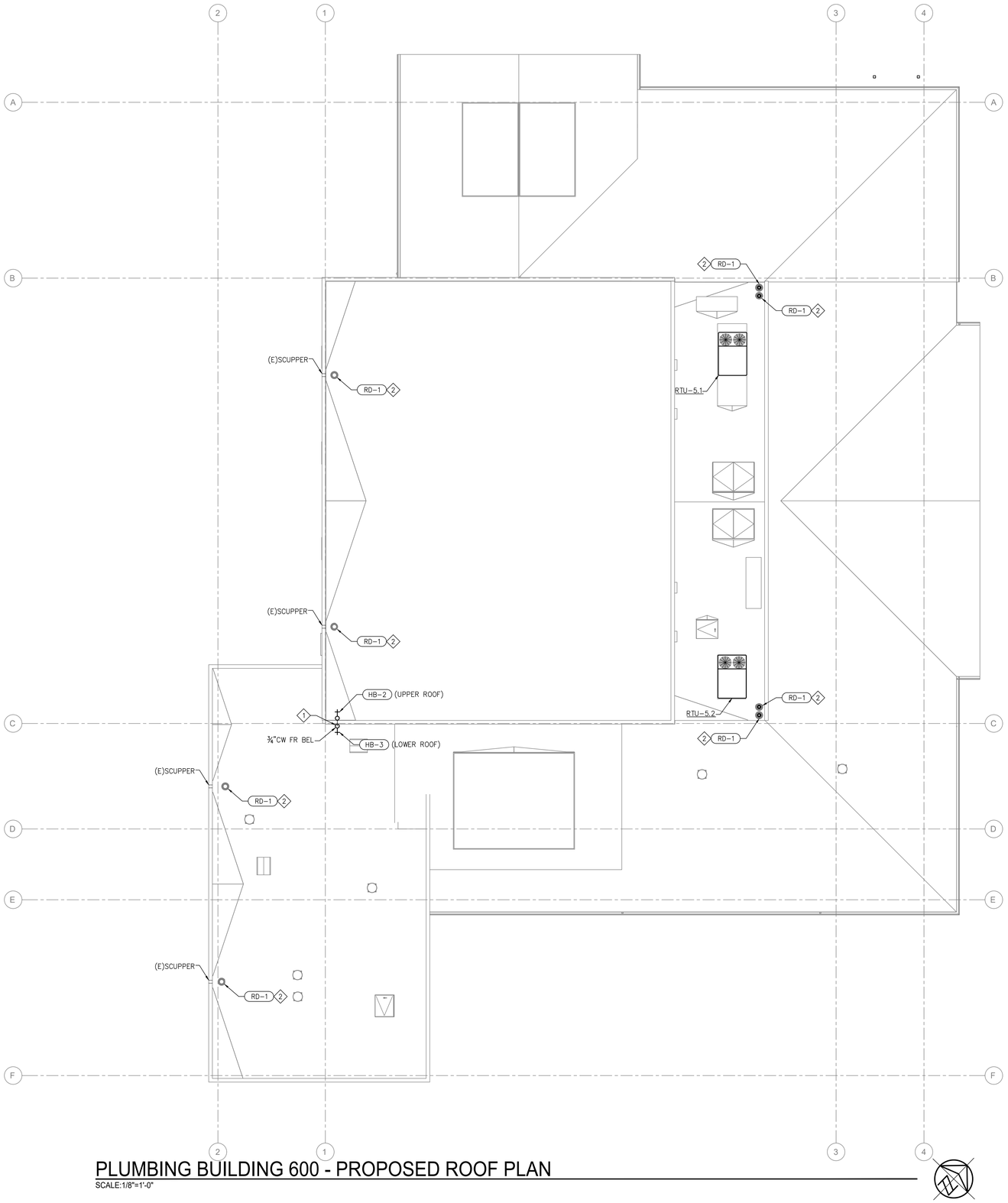


PLUMBING BUILDING 600 - PROPOSED ROOF PLAN

SCALE: 1/8"=1'-0"

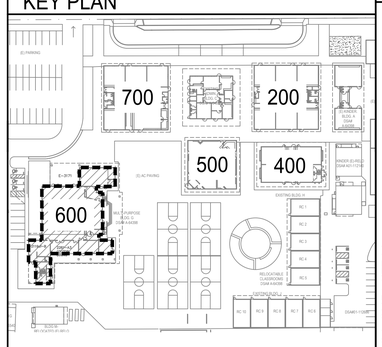
GENERAL NOTES

1. Roof drains have been sized per CPC table 1103.1 using a rainfall rate of 2"(in/h) per CPC table D1.1.
2. Horizontal rain water piping has been sized per CPC table 1103.2 using a rainfall rate of 2"(in/h) & ¼"/FT slope
3. Roof area served by each roof drain is shown below roof drain callout, number indicates square feet.
4. Plumbing vents shall terminate not less than 6" above the roof, nor less than 12" from a vertical surface. Maintain 10'-0" clearance from building air intakes.

REFERENCE NOTES

1. ¾"Cold water from below to lower roof HB-3. ¾"CW up roof wall with parapet penetration to HB-2
2. For Roof Drain detail, see Architectural sheet 53/A-921.

KEY PLAN



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PLUMBING BLDG 600
PROPOSED ROOF PLAN

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DATE: 12/12/2025

PROJECT NUMBER: 0100-06-ED24

SHEET: P6-122

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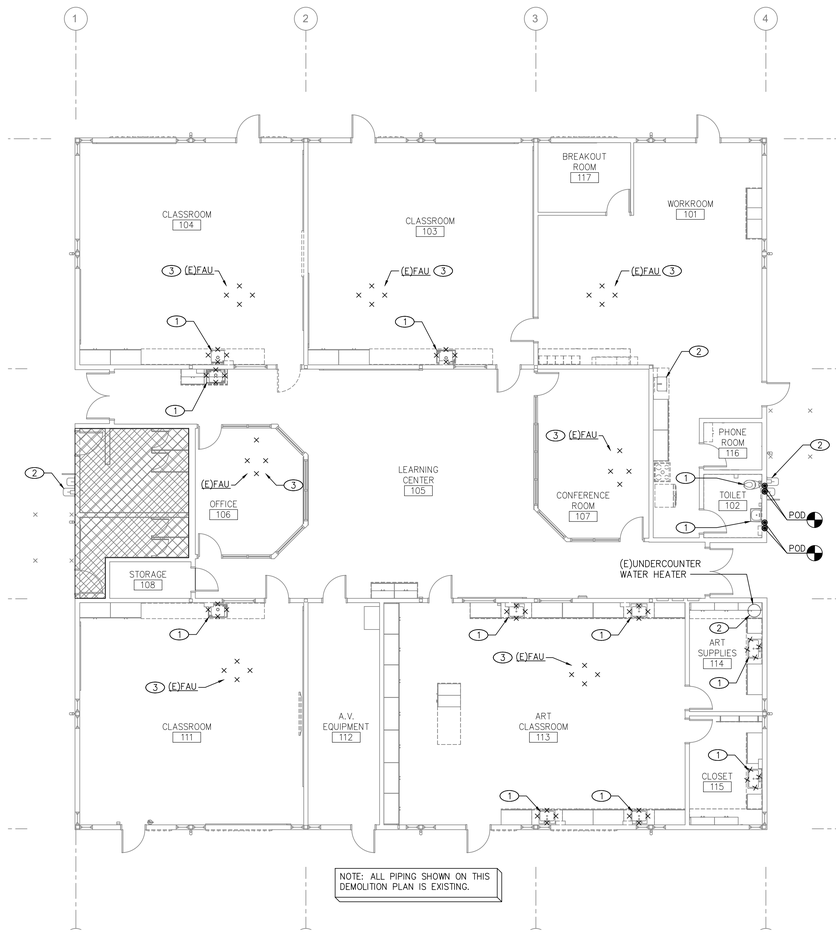
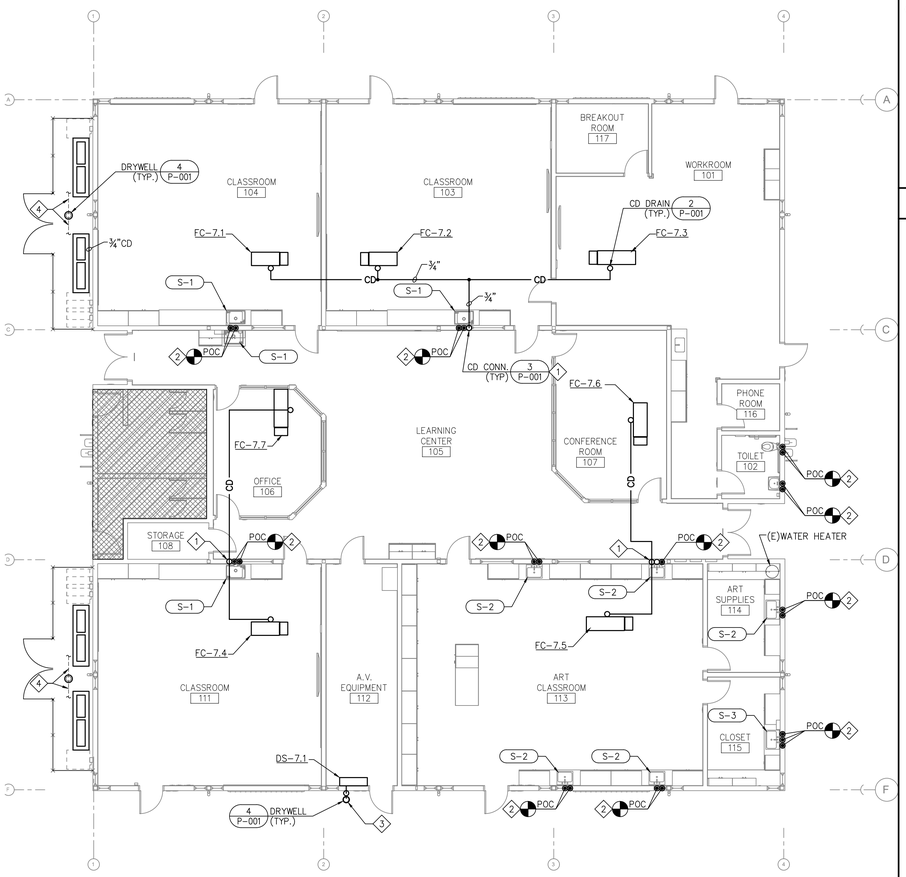


PLUMBING BUILDING 700 - OVERALL - FLOOR PLAN DEMO

SCALE:1/8"=1'-0"



PLUMBING BUILDING 700 - OVERALL - FLOOR PLAN

SCALE:1/8"=1'-0"

GENERAL NOTES

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2. See plumbing fixture schedule for pipe branch size to individual fixtures.
3. Install all waste piping with a minimum 2% slope unless otherwise noted.

DEMOLITION NOTES

(1) Remove existing fixture and prepare space for future fixture.

(2) Fixture to remain.

(3) Mechanical unit to be removed. Disconnect and demo gas piping. Cap existing gas piping at building service entrance.

SPECIAL NOTE:
UPON REMOVAL OF FIXTURES, VIDEO-SCOPE WASTE LINE AND INCLUDE A DETAILED REPORT DESCRIBING THE FOLLOWING CONDITIONS;
1. EXACT ROUTING, DEPTH, AND MATERIAL TYPE.
2. CONDITION OF INTERNAL PIPE.
3. VERIFICATION AND LOCATIONS OF ALL POINTS OF CONNECTIONS AND LATERALS.

REFERENCE NOTES

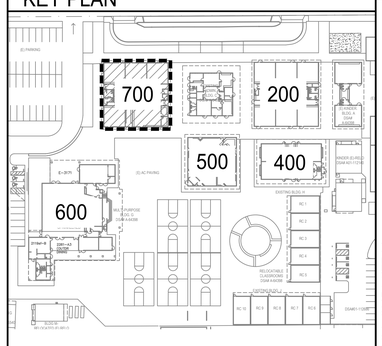
(1) Condensate from Fan Coil to tailpiece of sink.

(2) Point of connection (POC) to existing waste, vent and water lines for the new fixture.

(3) Condensate from mechanical unit to penetrate exterior wall below eave to run down exposed tight to wall to drywell. Paint CD line to match building exterior.

(4) ¾"Drainage indirect from trench drain to drywell.

KEY PLAN



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PLUMBING BLDG 700 OVERALL DEMOLITION AND PROPOSED FLOOR PLANS

NO.	REVISION	DATE
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NONRESIDENTIAL/MULTIFAMILY T24 ENVELOPE MANDATORY MEASURES

(All Section Numbers Are From 2022 Building Energy Efficiency Standards Title 24, Part 6.)

Mandatory measures in Sections 110.6–110.8, 120.7 and 160.1 apply to all multifamily nonresidential buildings, whether the designer chooses the prescriptive or performance approach to compliance. Mandatory measures by code section are as follows:

1. 110.6 REQUIREMENTS FOR FENESTRATION PRODUCTS AND EXTERIOR DOORS. All fenestration products and exterior doors shall meet the applicable requirements of section 110.6.
2. 110.7 REQUIREMENTS TO LIMIT AIR LEAKAGE. All joints, penetrations and other openings in the building envelope that are potential sources of air leakage shall be caulked, gasketed, weather–stripped or otherwise sealed to limit infiltration and exfiltration.
3. 110.8 REQUIREMENTS FOR INSULATION, ROOFING PRODUCTS AND RADIANT BARRIERS. All Insulation, Roofing Products and Radiant Barriers shall meet the requirements listed in Sections 110.8
4. 120.7 INSULATION REQUIREMENTS. Nonresidential, high–rise residential, and hotel–motel buildings shall comply with the applicable requirements in sections 120.7(a) through 120.7(c). The opaque portions of walls that separate conditioned spaces from unconditioned or ambient air shall meet the insulation requirements listed in Section 120.7(b)7.
5. 160.1 REQUIREMENTS FOR MULTIFAMILY BUILDING ENVELOPES. All multifamily nonresidential buildings are required to comply with the applicable envelope requirements in sections 160.1(a) through (f).

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
Zone Name	Mechanical Ventilation				Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM		
7-FC-2.6	Education - Classrooms (ages 9-18)	22.07	335.49	0	882.86	N/A
8-FC-2.7	Education - Multiuse assembly	26.33	526.55	0	1053.1	N/A
9-FC-2.8	Education - Multiuse assembly	26.44	528.85	0	1057.69	N/A

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
System ID	System Type	Qty	Rated Capacity (kBtu/h)		Airflow (cfm)			Fan			VSD
			Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	
1-FC-2.1-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
3-FC-2.2-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
4-FC-2.3-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
5-FC-2.4-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
6-FC-2.5-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
7-FC-2.6-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
8-FC-2.7-Trm	Uncontrolled	1	N/A	N/A	1,485	N/A	0	N/A	N/A	N/A	☐
9-FC-2.8-Trm	Uncontrolled	1	N/A	N/A	1,485	N/A	0	N/A	N/A	N/A	☐

G4. NONRESIDENTIAL AIR BARRIER

01	02
Building Story Name	Air Barrier
Com-Floor 1	No air barrier

G5. OPAQUE SURFACE ASSEMBLY SUMMARY

01	02	03	04	05	06		07	08	09	10
Surface Name	Construction Type	Area (ft²)	Framing Type	Cavity R-Value	Continuous R-Value		Units	Value	Description of Assembly Layers	Status[1]
					Interior	Exterior				
R-19 Wall6	Exterior Wall	4,314.01	Wood	19	N/A	N/A	U-factor	0.0723	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Composite-1 Gypsum Board - 1/2 in.	E
Interior R-0 Wall18	Interior Wall	8,989.98	N/A	0	N/A	N/A	U-factor	0.3145	Gypsum Board - 1/2 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Gypsum Board - 1/2 in.	E
(E) Slab On Grade12	Underground Floor	8,020.48	N/A	0	N/A	N/A	F-factor	0.73	Slab Type =Unheated slab on grade Insulation Orientation =None Insulation R-Value =none	E
R-30 Roof Attic24	Roof	8,292.99	Wood	30	N/A	N/A	U-factor	0.0383	AsphaltShingles|_25in Vapor permeable felt - 1/8 in. Plywood - 1/2 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Composite-2 Gypsum Board - 1/2 in.	A

[1] *Status: N - New, A - Altered, E - Existing*

C2. TDV ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft² - yr)

Energy Component	COMPLIES[2]		
	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Space Heating	6.91	24.59	-17.68
Space Cooling	26.51	22.98	3.53
Indoor Fans	136.4	40.28	96.12
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	28.15	28.4	-0.25
Indoor Lighting	32.04	32.04	0
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**230.01**	**148.29**	**81.72 (35.5%)**
Photovoltaics	---	---	---
Batteries	---	---	---
TOTAL COMPLIANCE	**230.01**	**148.29**	**81.72 (35.5%)**

[1] *Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.*

Documentation Author's Declaration Statement

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Dustin Lane	Documentation Author Signature:
Company: BMA Mechanical+	Signature Date: 08/08/25
Address: 689 Tank Farm Rd. STE 240	CEA/HERS Certification Identification (if applicable):
City/State/Zip: San Luis Obispo CA 93401	Phone: 805-544-4269

Responsible Person's Declaration statement

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.
6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.

Responsible Designer Name: Brandon Rodgers	Responsible Designer Signature:
Company: BMA Mechanical+	Date Signed: 08/08/2025
Address: 689 Tank Farm Rd. Suite 240	License #: M33682
City/State/Zip: San Luis Obispo, CA 93401	Title: Engineer — Scope: Mechanical
Phone: (805) 544-4269	

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
Name or Item Tag	Qty	Design OA CFM	Supply Fan				Return / Relief Fan					Status[1]
			CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	
HPC-2.1	1	343.47	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-2.2	1	342.74	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-2.3	1	343.52	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-2.4	1	343.66	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-2.5	1	342.83	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-2.6	1	335.49	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-2.7	1	526.55	1,485	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-2.8	1	528.85	1,485	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N

[1] *Status: N - New, A - Altered, E - Existing*

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
Zone Name	Mechanical Ventilation				Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM		
1-FC-2.1	Education - Classrooms (ages 9-18)	22.6	343.47	0	903.88	N/A
3-FC-2.2	Education - Classrooms (ages 9-18)	22.55	342.74	0	901.94	N/A
4-FC-2.3	Education - Classrooms (ages 9-18)	22.6	343.52	0	904	N/A
5-FC-2.4	Education - Classrooms (ages 9-18)	22.61	343.66	0	904.38	N/A
6-FC-2.5	Education - Classrooms (ages 9-18)	22.55	342.83	0	902.19	N/A

C8. ENERGY USE INTENSITY (EUI)

	Standard Design (kBtu/ft² / yr)	Proposed Design (kBtu/ft² / yr)	Margin (kBtu/ft² / yr)	Margin Percentage
GROSS EUI[1]	39.15	27.65	11.5	29.37
NET EUI[1]	39.15	27.65	11.5	29.37

[1] *Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.*

D1. EXCEPTIONAL CONDITIONS

• The building does not include service water heating. Verify that service water heating is not required and is not included in the design.

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft²)	Total Fenestration Area (ft²)	Window to Wall Ratio (%)
North-Facing[2]	1099.29	162	14.74
East-Facing[3]	791.41	81	10.23
South-Facing[4]	1053.07	162	15.38
West-Facing[5]	796.78	81	10.17
Total	**3740.55**	**486**	**12.99**
Roof	7766.1	96	1.24

Notes
[1]*North-Facing is oriented to within 45 degrees of true north, including 45 00'00" east of north (NE), but excluding 45 00'00" west of north (NW),*
[2]*East-Facing is oriented to within 45 degrees of true east, including 45 00'00" south of east (SE), but excluding 45 00'00" north of east (NE),*
[3]*South-Facing is oriented to within 45 degrees of true south, including 45 00'00" west of south (SW), but excluding 45 00'00" east of south (SE),*
[4]*West-Facing is oriented to within 45 degrees of true west, including 45 00'00" north of west (NW), but excluding 45 00'00" south of west (SW),*

C1. COMPLIANCE SUMMARY

	COMPLIES[3]		
	Time Dependent Valuation (TDV)		Source Energy Use
	Efficiency[1] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)
Standard Design	230.01	n/a	n/a
Proposed Design	148.29	n/a	n/a
Compliance Margins	**81.72**	**n/a**	**n/a**
	Pass	**n/a**	**n/a**

[1] *Efficiency measures include improvements like a better building envelope and more efficient equipment*
[2] *Compliance Totals include efficiency, photovoltaics and batteries*
[3] *New Construction, Complete Addition Scope: Building complies when all efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded*
Existing, Addition and Alteration Scope: Building complies when efficiency compliance margin is greater than or equal to zero and unmet load hour limits are not exceeded

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).

Building Component	Form/Title & System Name(s)
Envelope	NRCA-ENV-02-F - NRFC label verification for fenestration
Mechanical	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
	HPC-2.1, HPC-2.2, HPC-2.3, HPC-2.4, HPC-2.5, HPC-2.6, HPC-2.7 and HPC-2.8.
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC
	HPC-2.1, HPC-2.2, HPC-2.3, HPC-2.4, HPC-2.5, HPC-2.6, HPC-2.7 and HPC-2.8.

N. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

There are no Certificates of Verification applicable to this project

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
Equipment Name	Equipment Type	Qty	Heating				Cooling				Status[1]
			Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency	Economizer Type (if present)	
HPC-2.1	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.65 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-2.2	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.65 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-2.3	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.65 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-2.4	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.65 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-2.5	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.65 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-2.6	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.65 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-2.7	Single Zone Heat Pump (SZHP) Air System	1	62.49	0	COP HSPF2	3.6 8.1	46.09	EER2 SEER2	9.1 17.1	No Economizer	N
HPC-2.8	Single Zone Heat Pump (SZHP) Air System	1	62.49	0	COP HSPF2	3.6 8.1	46.09	EER2 SEER2	9.1 17.1	No Economizer	N

[1] *Status: N - New, A - Altered, E - Existing*

C7. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	---	4.9	---	18.5	---	---
Space Cooling	8.3	7.3	1	---	---	---
Indoor Fans	36.4	10.8	25.6	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	8.4	8.5	-0.1	---	---	---
Indoor Lighting	9.2	9.2	0	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY TOTAL	**62.3**	**40.7**	**21.6**	**18.5**	**0**	**18.5**
Photovoltaics	---	---	---	---	---	---
Batteries	---	---	---	---	---	---
ENERGY USE SUBTOTAL	**62.3**	**40.7**	**21.6**	**18.5**	**0**	**18.5**
Receptacle	23.9	23.9	0	---	---	---
Process	---	---	---	---	---	---
Other Ltg	0.4	0.4	0	---	---	---
Process Motors	---	---	---	---	---	---
ENERGY USE TOTAL	**86.6**	**65**	**21.6**	**18.5**	**0**	**18.5**

B. PROJECT SUMMARY

Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.

Building Components Complying via Performance					Building Components Complying Prescriptively	
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	☐ Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).	
	MultiFam	Not Included		☒ Not Included		
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	☐ Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required
	MultiFam	Not Included		☒ Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	☐ Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required
	MultiFam	Not Included		☒ Not Included	**Building Components Complying with Mandatory Measures**	
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)	☐ Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)	
	MultiFam	Not Included		☒ Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required
			Battery (see Table F)	☐ Performance	Commissioning 120.8	NRCC-CXR-E is required
				☒ Not Included	Solar and Battery 110.10	NRCC-SAB-E is required

K1. INDOOR CONDITIONED LIGHTING GENERAL INFO

01	02	03	04	05	06
Occupancy Type[3]	Conditioned Floor Area[4] (ft²)	Installed Lighting Power (Watts)	Lighting Control Credits (Watts)	Additional (Custom) Allowance	
				Area Category Footnotes (Watts)	Area Category Footnotes (Watts)
Classroom, Lecture, or Training Vocational	7510.04	4506.02	0	0	0
Building Totals:	**7510.04**	**4506.02**	**0**	**0**	**0**

[3]*See Table 140.6-C*
[4]*See NRCC-LTI-E for unconditioned spaces*
[5]*Lighting information for existing spaces modeled is not included in this table*

K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROL

See NRCC-LTI-E for mandatory controls

L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Envelope	NRCI-ENV-01-E - Must be submitted for all buildings
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MCH-01-E - Must be submitted for all buildings
Mechanical	NRCI-MCH-E - For all buildings with Mechanical Systems
Indoor Lighting	NRCI-LTI-E - Indoor Lighting (for all buildings)

G6A. OPAQUE DOOR SUMMARY (NONRESIDENTIAL)

01	02	03	04
Assembly Name	Area (ft²)	Overall U-factor	Status[1]
(E) Metal Door13	294	0.7	E

[1] *Status: N - New, A - Altered, E - Existing*

G7A. FENESTRATION ASSEMBLY SUMMARY (NONRESIDENTIAL)

01	02	03	04	05	06	07	08	09
Fenestration Assembly Name	Fenestration Type/ Product Type / Frame Type	Certification Method[1]	Assembly Method	Area (ft²)	Overall U-factor	Overall SHGC	Overall VT	Status[2]
Double Metal Tinted	Vertical fenestration Fixed window Metal	Default 110.6	Site built	486	0.71	0.6	0.77	E
Default Skylight	Skylight Fixed window Non-metal	Default 110.6	Site built	96	0.84	0.55	0.88	E

[1] *Notes: Newly installed fenestration shall have a certified NFRC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site-built fenestration values are calculated per Nonresidential Appendix NA6 and are used in the analysis.*
[2] *Status: N - New, A - Altered, E - Existing*

C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[2]
Receptacle	78.7	78.7	---
Process	---	---	---
Other Ltg	1.45	1.45	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**310.16**	**228.44**	**81.72 (26.3%)**

[1] *Notes: This table is not used for Energy Code Compliance.*

C6. 'ABOVE CODE' QUALIFICATIONS

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

Project Name:	**CL SMITH ELEMENTARY - PHASE 2 - BLDG 200**
Date Prepared:	**2025-08-08**

A. General Information

1	Project Name	CL SMITH ELEMENTARY - PHASE 2 - BLDG 200		
2	Run Title	Title 24 Analysis		
3	Project Location	1375 Balboa St		
4	City	San Luis Obispo	5	Standards Version: Compliance 2022
6	Zip code	93405	7	Compliance Software (version): EnergyPro 9.3
8	Climate Zone	5	9	Building Orientation (deg): 315
10	Building Type(s)	• Nonresidential	11	Weather File: SAN-LUIS-OBISPO_STYP20.epw
12	Project Scope	• Existing alteration	13	Number of Dwelling Units: 0
14	Total Conditioned Floor Area in Scope (ft²)	7510.04	15	Total # of hotel/motel rooms: 0
16	Total Unconditioned Floor Area (ft²)	510.45	17	Fuel Type: Natural gas
18	Nonresidential Conditioned Floor Area	7510.04	19	Total # of Stories (Habitable Above Grade): 1
20	Residential Conditioned Floor Area	0		

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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NONRESIDENTIAL/MULTIFAMILY T24 ENVELOPE MANDATORY MEASURES

(All Section Numbers Are From 2022 Building Energy Efficiency Standards Title 24, Part 6.)

Mandatory measures in Sections 110.6–110.8, 120.7 and 160.1 apply to all multifamily nonresidential buildings, whether the designer chooses the prescriptive or performance approach to compliance. Mandatory measures by code section are as follows:

1. 110.6 REQUIREMENTS FOR FENESTRATION PRODUCTS AND EXTERIOR DOORS. All fenestration products and exterior doors shall meet the applicable requirements of section 110.6.
2. 110.7 REQUIREMENTS TO LIMIT AIR LEAKAGE. All joints, penetrations and other openings in the building envelope that are potential sources of air leakage shall be caulked, gasketed, weather–stripped or otherwise sealed to limit infiltration and exfiltration.
3. 110.8 REQUIREMENTS FOR INSULATION, ROOFING PRODUCTS AND RADIANT BARRIERS. All Insulation, Roofing Products and Radiant Barriers shall meet the requirements listed in Sections 110.8
4. 120.7 INSULATION REQUIREMENTS. Nonresidential, high–rise residential, and hotel–motel buildings shall comply with the applicable requirements in sections 120.7(a) through 120.7(c). The opaque portions of walls that separate conditioned spaces from unconditioned or ambient air shall meet the insulation requirements listed in Section 120.7(b)7.
5. 160.1 REQUIREMENTS FOR MULTIFAMILY BUILDING ENVELOPES. All multifamily nonresidential buildings are required to comply with the applicable envelope requirements in sections 160.1(a) through (f).

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
			Rated Capacity (kBtu/h)		Airflow (cfm)			Fan			
System ID	System Type	Qty	Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	VSD
2-FC-4.2-Trm	Uncontrolled	1	N/A	N/A	883	N/A	0	N/A	N/A	N/A	☐
5-FC-4.5-Trm	Uncontrolled	1	N/A	N/A	883	N/A	0	N/A	N/A	N/A	☐
2-FC-4.1-VRF	Variable Refrigerant Flow	1	54	48	1,306	918	0.7	0.34	BHP	Continuous	☒
4-FC-4.3-VRF	Variable Refrigerant Flow	1	54	48	1,306	918	0.7	0.34	BHP	Continuous	☒
5-FC-4.4-VRF	Variable Refrigerant Flow	1	54	48	1,306	918	0.7	0.34	BHP	Continuous	☒

K1. INDOOR CONDITIONED LIGHTING GENERAL INFO

01	02	03	04	05	06
				Additional (Custom) Allowance	
Occupancy Type[3]	Conditioned Floor Area[2] (ft²)	Installed Lighting Power (Watts)	Lighting Control Credits (Watts)	Area Category Footnotes (Watts)	Area Category Footnotes (Watts)
Classroom, Lecture, or Training Vocational	3440.12	2064.07	0	0	0
Corridor	512.27	204.91	0	0	0
Building Totals:	**3952.39**	**2268.98**	**0**	**0**	**0**

[2]See Table 140.6-C
[3]See NRCC-LTI-E for unconditioned spaces
[4]Lighting information for existing spaces modeled is not included in this table

K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROL

See NRCC-LTI-E for mandatory controls

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
			Supply Fan				Return / Relief Fan					
Name or Item Tag	Qty	Design OA CFM	CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	Status[1]
HPC-4.2	1	256.14	883	0.14	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-4.5	1	233.91	883	0.14	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
2-FC-4.1-VRF	1	349.41	1,306	0.34	BHP	VSD	N/A	N/A	N/A	N/A	N/A	N
4-FC-4.3-VRF	1	361.87	1,306	0.34	BHP	VSD	N/A	N/A	N/A	N/A	N/A	N
5-FC-4.4-VRF	1	362.06	1,306	0.34	BHP	VSD	N/A	N/A	N/A	N/A	N/A	N

[1] Status: N - New, A - Altered, E - Existing

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
		Mechanical Ventilation				
Zone Name	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM	Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
1-FC-4.1	Education - Classrooms (ages 9-18)	22.99	349.41	0	919.5	N/A
2-FC-4.2	Lodging - Lobbies/pre-function	2.56	256.14	0	512.27	N/A
3-FC-4.3	Education - Classrooms (ages 9-18)	23.81	361.87	0	952.3	N/A
4-FC-4.4	Education - Classrooms (ages 9-18)	23.82	362.06	0	952.78	N/A
5-FC-4.5	Education - Classrooms (ages 9-18)	15.39	233.91	0	615.54	N/A

Documentation Author's Declaration Statement

I, I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Dustin Lane	Documentation Author Signature:
Company: BMA Mechanical+	Signature Date: 08/08/25
Address: 689 Tank Farm Rd, STE 240	CEA/HERS Certification Identification (if applicable):
City/State/Zip: , San Luis Obispo CA 93401	Phone: 805-544-4269

Responsible Person's Declaration statement

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.
6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.

Responsible Designer Name: Brandon Rodgers	Responsible Designer Signature:
Company: BMA Mechanical+	
Address: 689 Tank Farm Rd, Suite 240	Date Signed: 08/08/2025
City/State/Zip: San Luis Obispo, CA 93401	License #: M33682
Phone: (805) 544-4269	Title: Engineer — Scope: Mechanical

L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Envelope	NRCI-ENV-01-E - Must be submitted for all buildings
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MOH-01-E - Must be submitted for all buildings
Mechanical	NRCI-MCH-E - For all buildings with Mechanical Systems
Indoor Lighting	NRCI-LTI-E - Indoor Lighting (for all buildings)

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).

Building Component	Form/Title & System Name(s)
Envelope	NRCA-ENV-02-F - NRFC label verification for fenestration
Mechanical	NRCA-MCH-02-A - Duct/air Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
Mechanical	HPC-4.2 and HPC-4.5,
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC HPC-4.2 and HPC-4.5,

N. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

There are no Certificates of Verification applicable to this project

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
				Heating			Cooling				
Equipment Name	Equipment Type	Qty	Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency	Economizer Type (if present)	Status[1]
HPC-4.2	Single Zone Heat Pump (SZHP) Air System	1	34.37	0	COP HSPF2	3.95 9.1	25.92	EER2 SEER2	9.9 18.2	No Economizer	N
HPC-4.5	Single Zone Heat Pump (SZHP) Air System	1	34.37	0	COP HSPF2	3.95 9.1	25.92	EER2 SEER2	9.9 18.2	No Economizer	N
HPC-4.1	Variable Refrigerant Flow	1	50	N/A	COP HSPF	9.5 9.5	48	EER SEER	10 14	N/A	N
HPC-4.3	Variable Refrigerant Flow	1	50	N/A	COP HSPF	9.5 9.5	48	EER SEER	10 14	N/A	N
HPC-4.4	Variable Refrigerant Flow	1	50	N/A	COP HSPF	9.5 9.5	48	EER SEER	10 14	N/A	N

[1] Status: N - New, A - Altered, E - Existing

G6A. OPAQUE DOOR SUMMARY (NONRESIDENTIAL)

01	02	03	04
Assembly Name	Area (ft²)	Overall U-factor	Status[1]
(E) Metal Door9	126	0.7	E

[1] Status: N - New, A - Altered, E - Existing

G7A. FENESTRATION ASSEMBLY SUMMARY (NONRESIDENTIAL)

01	02	03	04	05	06	07	08	09
Fenestration Assembly Name	Fenestration Type/ Product Type / Frame Type	Certification Method[1]	Assembly Method	Area (ft²)	Overall U-factor	Overall SHGC	Overall VT	Status[2]
Double Metal Tinted	Vertical fenestration Fixed window Metal	Default 110.6	Site built	789.75	0.71	0.6	0.77	E
Default Skylight	Skylight Fixed window Non-metal	Default 110.6	Site built	96	0.84	0.55	0.88	E

[1] Notes: Newly installed fenestration shall have a certified NFRC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site-built fenestration values are calculated per Nonresidential Appendix NA6 and are used in the analysis.
[2] Status: N - New, A - Altered, E - Existing

G4. NONRESIDENTIAL AIR BARRIER

01	02
Building Story Name	Air Barrier
Com-Floor 1	No air barrier

G5. OPAQUE SURFACE ASSEMBLY SUMMARY

01	02	03	04	05	06		07	08	09	10
					Continuous R-Value					
Surface Name	Construction Type	Area (ft²)	Framing Type	Cavity R-Value	Interior	Exterior	Units	Value	Description of Assembly Layers	Status[1]
R-19 Wall6	Exterior Wall	2,879.08	Wood	19	N/A	N/A	U-factor	0.0723	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Composite-1 Gypsum Board - 1/2 in.	E
(E) Slab On Grade19	Underground Floor	3,952.39	N/A	0	N/A	N/A	F-factor	0.73	Slab Type =Unheated slab on grade Insulation Orientation =None Insulation R-Value =none	E
R-30 Roof No Attic21	Roof	4,098.73	Wood	30	N/A	N/A	U-factor	0.0353	AsphaltShingle0_25tn Vapor permeable felt - 1/8 in. Plywood - 1/2 in. Air - Ceiling - 3/4 in. Composite-2 Gypsum Board - 1/2 in.	A
Interior R-0 Wall34	Interior Wall	2,980.05	N/A	0	N/A	N/A	U-factor	0.3145	Gypsum Board - 1/2 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Gypsum Board - 1/2 in.	E

[1] Status: N - New, A - Altered, E - Existing

G8. ENERGY USE INTENSITY (EUI)

	Standard Design (kBtu/ft² / yr)	Proposed Design (kBtu/ft² / yr)	Margin (kBtu/ft² / yr)	Margin Percentage
GROSS EUI[1]	44.3	26.93	17.37	39.21
NET EUI[1]	44.3	26.93	17.37	39.21

[1] Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.

D1. EXCEPTIONAL CONDITIONS

- The building does not include service water heating. Verify that service water heating is not required and is not included in the design.

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft²)	Total Fenestration Area (ft²)	Window to Wall Ratio (%)
North-Facing[2]	1061.76	321.75	30.3
East-Facing[3]	299.76	58.5	19.52
South-Facing[4]	918.05	292.5	31.86
West-Facing[4]	599.51	117	19.52
Total	**2879.08**	**789.75**	**27.43**
Roof	4098.73	96	2.34

Notes
[1]North-Facing is oriented to within 45 degrees of true north, including 45 00'00" east of north (NE), but excluding 45 00'00" west of north (NW),
[2]East-Facing is oriented to within 45 degrees of true east, including 45 00'00" south of east (SE), but excluding 45 00'00" north of east (NE),
[3]South-Facing is oriented to within 45 degrees of true south, including 45 00'00" west of south (SW), but excluding 45 00'00" east of south (SE),
[4]West-Facing is oriented to within 45 degrees of true west, including 45 00'00" north of west (NW), but excluding 45 00'00" south of west (SW),

C7. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	---	1.3	---	10.3	---	---
Space Cooling	6.1	6.6	-0.5	---	---	---
Indoor Fans	24	5.1	18.9	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	4.5	4.5	0	---	---	---
Indoor Lighting	4.6	4.6	0	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY TOTAL	**39.2**	**22.1**	**17.1**	**10.3**	**0**	**10.3**
Photovoltaics	---	---	---	---	---	---
Batteries	---	---	---	---	---	---
ENERGY USE SUBTOTAL	**39.2**	**22.1**	**17.1**	**10.3**	**0**	**10.3**
Receptacle	9.1	9.1	0	---	---	---
Process	---	---	---	---	---	---
Other Ltg	---	---	---	---	---	---
Process Motors	---	---	---	---	---	---
ENERGY USE TOTAL	**48.3**	**31.2**	**17.1**	**10.3**	**0**	**10.3**

C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[2]
Receptacle	56.89	56.89	---
Process	---	---	---
Other Ltg	---	---	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**331.57**	**206.01**	**125.56 (37.9%)**

[1] Notes: This table is not used for Energy Code Compliance.

C6. 'ABOVE CODE' QUALIFICATIONS

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

C2. TDV ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft² - yr)

	COMPLIES[1]		
Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Space Heating	7.33	12.66	-5.33
Space Cooling	37.3	40.49	-3.19
Indoor Fans	170.11	36.03	134.08
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	29.28	29.28	0
Indoor Lighting	30.66	30.66	0
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**274.68**	**149.12**	**125.56 (45.7%)**
Photovoltaics	---	---	---
Batteries	---	---	---
TOTAL COMPLIANCE	**274.68**	**149.12**	**125.56 (45.7%)**

[1] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

C1. COMPLIANCE SUMMARY

	COMPLIES[1]		
	Time Dependent Valuation (TDV)		Source Energy Use
	Efficiency[2] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)
Standard Design	274.68	n/a	n/a
Proposed Design	149.12	n/a	n/a
Compliance Margins	**125.56**	**n/a**	**n/a**
	Pass	**n/a**	**n/a**

[1] Efficiency measures include improvements like a better building envelope and more efficient equipment
[2] Compliance Totals include efficiency, photovoltaics and batteries
[3] New Construction, Complete Addition Scope: Building complies when all efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded
Existing, Addition and Alteration Scope: Building complies when efficiency compliance margin is greater than or equal to zero and unmet load hour limits are not exceeded

B. PROJECT SUMMARY

Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.

Building Components Complying via Performance			Building Components Complying Prescriptively		
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	☐ Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).
	MultiFam	Not Included		☒ Not Included	
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	☐ Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e) — NRCC-LTI-E is required
	MultiFam	Not Included		☒ Not Included	Outdoor Lighting 140.7 & 170.2(e) — NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	☐ Performance	Sign Lighting 140.8 & 170.2(e) — NRCC-LTS-E is required
	MultiFam	Not Included		☒ Not Included	**Building Components Complying with Mandatory Measures**
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)	☐ Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)
	MultiFam	Not Included		☒ Not Included	Electrical Power Distribution 110.11 — NRCC-ELC-E is required
			Battery (see Table F)	☐ Performance	Commissioning 120.8 — NRCC-CXR-E is required
				☒ Not Included	Solar and Battery 110.10 — NRCC-SAB-E is required

Project Name:	CL SMITH ELEMENTARY - PHASE 2 - BLDG 400
Date Prepared:	2025-08-08

A. General Information

1	Project Name	CL SMITH ELEMENTARY - PHASE 2 - BLDG 400		
2	Run Title	Title 24 Analysis		
3	Project Location	1375 Balboa St		
4	City	San Luis Obispo	5	Standards Version — Compliance 2022
6	Zip code	93405	7	Compliance Software (version) — EnergyPro 9.3
8	Climate Zone	5	9	Building Orientation (deg) — 315
10	Building Type(s)	• Nonresidential	11	Weather File — SAN-LUIS-OBISPO_STYP20.epw
12	Project Scope	• Existing alteration	13	Number of Dwelling Units — 0
14	Total Conditioned Floor Area in Scope (ft²)	3952.39	15	Total # of hotel/motel rooms — 0
16	Total Unconditioned Floor Area (ft²)	0	17	Fuel Type — Natural gas
18	Nonresidential Conditioned Floor Area	3952.39	19	Total # of Stories (Habitable Above Grade) — 1
20	Residential Conditioned Floor Area	0		

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

rrm design group
rrmdesign.com | (805) 543-1794
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CONSULTANT

BRANDON RODGERS — No. M33682 — EXP 6/30/27 — MECHANICAL — STATE OF CALIFORNIA — PROFESSIONAL ENGINEER

BMA Mechanical +
689 Tank Farm Rd., Ste 240
SLO, CA 93401
OFF: (805) 544-4269
BMA JOB# 25120.00

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
ENERGY COMPLIANCE
BUILDING 400

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER
DRAWN BY: DL
CHECKED BY: DL
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: En4.0

DSA SUBMITTAL

F:\Drawings\2025\25120\00_SLO\00 CL Smith ES Ph 2\energy\Drawings\25120.00 En1.0_BLDG 400.dwg, En4.0, Dec 12, 2025 - 1:23pm, PedroSalcedo

NONRESIDENTIAL/MULTIFAMILY T24 ENVELOPE MANDATORY MEASURES

(All Section Numbers Are From 2022 Building Energy Efficiency Standards Title 24, Part 6.)

Mandatory measures in Sections 110.6–110.8, 120.7 and 160.1 apply to all multifamily nonresidential buildings, whether the designer chooses the prescriptive or performance approach to compliance. Mandatory measures by code section are as follows:

1. 110.6 REQUIREMENTS FOR FENESTRATION PRODUCTS AND EXTERIOR DOORS. All fenestration products and exterior doors shall meet the applicable requirements of section 110.6.
2. 110.7 REQUIREMENTS TO LIMIT AIR LEAKAGE. All joints, penetrations and other openings in the building envelope that are potential sources of air leakage shall be caulked, gasketed, weather–stripped or otherwise sealed to limit infiltration and exfiltration.
3. 110.8 REQUIREMENTS FOR INSULATION, ROOFING PRODUCTS AND RADIANT BARRIERS. All Insulation, Roofing Products and Radiant Barriers shall meet the requirements listed in Sections 110.8
4. 120.7 INSULATION REQUIREMENTS. Nonresidential, high–rise residential, and hotel–motel buildings shall comply with the applicable requirements in sections 120.7(a) through 120.7(c). The opaque portions of walls that separate conditioned spaces from unconditioned or ambient air shall meet the insulation requirements listed in Section 120.7(b)7.
5. 160.1 REQUIREMENTS FOR MULTIFAMILY BUILDING ENVELOPES. All multifamily nonresidential buildings are required to comply with the applicable envelope requirements in sections 160.1(a) through (f).

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
System ID	System Type	Qty	Rated Capacity (kBtu/h)		Airflow (cfm)			Fan			VSD
			Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	
1-FC-S.1-Trm	Uncontrolled	1	N/A	N/A	1,125	N/A	0	N/A	N/A	N/A	☐
3-FC-S.2-Trm	Uncontrolled	1	N/A	N/A	1,125	N/A	0	N/A	N/A	N/A	☐
4-FC-S.3-Trm	Uncontrolled	1	N/A	N/A	1,125	N/A	0	N/A	N/A	N/A	☐
5-FC-S.4-Trm	Uncontrolled	1	N/A	N/A	1,485	N/A	0	N/A	N/A	N/A	☐
6-(E) DS-Trm	Uncontrolled	1	N/A	N/A	742	N/A	0	N/A	N/A	N/A	☐

K1. INDOOR CONDITIONED LIGHTING GENERAL INFO

01	02	03	04	05	06
Occupancy Type[3]	Conditioned Floor Area[2] (ft²)	Installed Lighting Power (Watts)	Lighting Control Credits (Watts)	Additional (Custom) Allowance	
				Area Category Footnotes (Watts)	Area Category Footnotes (Watts)
Classroom, Lecture, or Training Vocational	1024.88	614.93	0	0	0
Electrical Mechanical Telephone Room	129.41	51.77	0	0	0
Library - Reading Area	3204.38	2563.5	0	0	0
Building Totals:	**4358.67**	**3230.2**	**0**	**0**	**0**

[2] *See Table 140.6-C*
[3] *See NRCC-LTI-E for unconditioned spaces*
[1] *Lighting information for existing spaces modeled is not included in this table*

K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROL

See NRCC-LTI-E for mandatory controls

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
Name or Item Tag	Qty	Design OA CFM	Supply Fan				Return / Relief Fan					Status[1]
			CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	
HPC-S.1	1	153.08	1,125	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-S.2	1	174.38	1,125	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-S.3	1	153.19	1,125	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-S.4	1	153.73	1,485	0.34	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
(E) DS	1	0	742	0.3	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	E

[1] *Status: N - New, A - Altered, E - Existing*

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
Zone Name	Mechanical Ventilation				Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM		
1-FC-S.1	Assembly - Libraries (reading rooms and stack areas)	10.21	153.08	0	1020.56	N/A
3-FC-S.2	Assembly - Libraries (reading rooms and stack areas)	11.63	174.38	0	1162.53	N/A
4-FC-S.3	Assembly - Libraries (reading rooms and stack areas)	10.21	153.19	0	1021.29	N/A
5-FC-S.4	Education - Computer lab	25.62	153.73	0	1024.88	N/A
6-(E) DS	General - Unoccupied	0.19	0	0	129.41	N/A

Documentation Author's Declaration Statement

1. I certify that the Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Dustin Lane	Documentation Author Signature:
Company: BMA Mechanical+	Signature Date: 08/08/25
Address: 689 Tank Farm Rd. STE 240	CEA/HERS Certification Identification (if applicable):
City/State/Zip: San Luis Obispo CA 93401	Phone: 805-544-4269

Responsible Person's Declaration statement

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.
6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.

Responsible Designer Name: Brandon Rodgers	Responsible Designer Signature:
Company: BMA Mechanical+	
Address: 689 Tank Farm Rd. Suite 240	Date Signed: 08/08/2025
City/State/Zip: San Luis Obispo, CA 93401	License #: M33682
Phone: (805) 544-4269	Title: Engineer — Scope: Mechanical

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Envelope	NRCI-ENV-01-E - Must be submitted for all buildings
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MOH-01-E - Must be submitted for all buildings
Mechanical	NRCI-MOH-E - For all buildings with Mechanical Systems
Indoor Lighting	NRCI-LTI-E - Indoor Lighting (for all buildings)

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).

Building Component	Form/Title & System Name(s)
Envelope	NRCA-ENV-02-F - NRFC label verification for fenestration
Mechanical	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
	HPC-S.1, HPC-S.2, HPC-S.3 and HPC-S.4.
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC
	HPC-S.1, HPC-S.2, HPC-S.3 and HPC-S.4.

N. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

There are no Certificates of Verification applicable to this project

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
Equipment Name	Equipment Type	Qty	Heating				Cooling			Economizer Type (if present)	Status[1]
			Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency		
HPC-S.1	Single Zone Heat Pump (SZHP) Air System	1	41.66	0	COP HSPF2	3.95 9.2	34.56	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-S.2	Single Zone Heat Pump (SZHP) Air System	1	41.66	0	COP HSPF2	3.95 9.2	34.56	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-S.3	Single Zone Heat Pump (SZHP) Air System	1	41.66	0	COP HSPF2	3.95 9.2	34.56	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-S.4	Single Zone Heat Pump (SZHP) Air System	1	52.08	0	COP HSPF2	4.1 9.5	46.09	EER2 SEER2	8.4 17	No Economizer	N
(E) DS	Single Zone Heat Pump (SZHP) Air System	1	26.04	0	COP HSPF2	3.65 8.2	22.08	EER2 SEER2	11.8 16.4	No Economizer	E

[1] *Status: N - New, A - Altered, E - Existing*

G6A. OPAQUE DOOR SUMMARY (NONRESIDENTIAL)

01	02	03	04
Assembly Name	Area (ft²)	Overall U-factor	Status[1]
(E) Metal Door34	126	0.7	E

[1] *Status: N - New, A - Altered, E - Existing*

G7A. FENESTRATION ASSEMBLY SUMMARY (NONRESIDENTIAL)

01	02	03	04	05	06	07	08	09
Fenestration Assembly Name	Fenestration Type/ Product Type / Frame Type	Certification Method[2]	Assembly Method	Area (ft²)	Overall U-factor	Overall SHGC	Overall VT	Status[1]
Double Metal Tinted	Vertical fenestration Fixed window Metal	Default 110.6	Site built	168	0.71	0.6	0.77	E
Default Skylight	Skylight Fixed window Non-metal	Default 110.6	Site built	48	0.84	0.55	0.88	E

[2] *Notes: Newly installed fenestration shall have a certified NFRC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center-of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site-built fenestration values are calculated per Nonresidential Appendix NA6 and are used in the analysis.*
[1] *Status: N - New, A - Altered, E - Existing*

G4. NONRESIDENTIAL AIR BARRIER

01	02
Building Story Name	Air Barrier
Com-Floor 1	No air barrier

G5. OPAQUE SURFACE ASSEMBLY SUMMARY

01	02	03	04	05	06		07	08	09	10
Surface Name	Construction Type	Area (ft²)	Framing Type	Cavity R-Value	Continuous R-Value		Units	Value	Description of Assembly Layers	Status[1]
					Interior	Exterior				
Interior R-0 Walls	Interior Wall	3,479.46	N/A	0	N/A	N/A	U-factor	0.3145	Gypsum Board - 1/2 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Gypsum Board - 1/2 in.	E
R-19 Wall9	Exterior Wall	3,450.29	Wood	19	N/A	N/A	U-factor	0.0723	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Composite-1 Gypsum Board - 1/2 in.	E
(E) Slab On Grade20	Underground Floor	4,550.21	N/A	0	N/A	N/A	F-factor	0.73	Slab Type =Unheated slab on grade Insulation Orientation =None Insulation R-Value =none	E
R-30 Roof Attic22	Roof	4,618.95	Wood	30	N/A	N/A	U-factor	0.0383	AsphaltShingles0_25in Vapor permeable felt - 1/8 in. Plywood - 1/2 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Composite-2 Gypsum Board - 1/2 in.	A

[1] *Status: N - New, A - Altered, E - Existing*

G8. ENERGY USE INTENSITY (EUI)

	Standard Design (kBtu/ft² / yr)	Proposed Design (kBtu/ft² / yr)	Margin (kBtu/ft² / yr)	Margin Percentage
GROSS EUI[1]	47.49	36.91	10.58	22.28
NET EUI[1]	47.49	36.91	10.58	22.28

[1] *Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.*

D1. EXCEPTIONAL CONDITIONS

- The building does not include service water heating. Verify that service water heating is not required and is not included in the design.

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft²)	Total Fenestration Area (ft²)	Window to Wall Ratio (%)
North-Facing[2]	772.59	65.5	8.48
East-Facing[3]	865.6	65.5	7.57
South-Facing[4]	692.5	0	0
West-Facing[5]	635.62	37	5.82
Total	**2966.31**	**168**	**5.66**
Roof	4398.98	48	1.09

Notes
[2]*North-Facing is oriented to within 45 degrees of true north, including 45 00'00" east of north (NE), but excluding 45 00'00" west of north (NW),*
[3]*East-Facing is oriented to within 45 degrees of true east, including 45 00'00" south of east (SE), but excluding 45 00'00" north of east (NE),*
[4]*South-Facing is oriented to within 45 degrees of true south, including 45 00'00" west of south (SW), but excluding 45 00'00" east of south (SE),*
[5]*West-Facing is oriented to within 45 degrees of true west, including 45 00'00" north of west (NW), but excluding 45 00'00" south of west (SW),*

C7. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	0	1.3	-1.3	13.3	---	---
Space Cooling	6	5.4	0.6	---	---	---
Indoor Fans	21.1	10.2	10.9	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	2	2	0	11.7	11.7	0
Indoor Lighting	7.3	7.3	0	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY TOTAL	**36.4**	**26.2**	**10.2**	**25**	**11.7**	**13.3**
Photovoltaics	---	---	---	---	---	---
Batteries	---	---	---	---	---	---
ENERGY USE SUBTOTAL	**36.4**	**26.2**	**10.2**	**25**	**11.7**	**13.3**
Receptacle	19.4	19.4	0	---	---	---
Process	---	---	---	---	---	---
Other Ltg	0.2	0.2	0	---	---	---
Process Motors	---	---	---	---	---	---
ENERGY USE TOTAL	**56**	**45.8**	**10.2**	**25**	**11.7**	**13.3**

C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[2]
Receptacle	104.94	104.94	---
Process	---	---	---
Other Ltg	0.97	0.97	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**343.21**	**270.58**	**72.63 (21.2%)**

[1] *Notes: This table is not used for Energy Code Compliance.*

C6. 'ABOVE CODE' QUALIFICATIONS

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

C2. TDV ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft² - yr)

	COMPLIES[1]		
Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Space Heating	8.92	10.63	-1.71
Space Cooling	32.31	28.57	3.74
Indoor Fans	136.97	66.37	70.6
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	18.12	18.12	0
Indoor Lighting	40.98	40.98	0
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**237.3**	**164.67**	**72.63 (30.6%)**
Photovoltaics	---	---	---
Batteries	---	---	---
TOTAL COMPLIANCE	**237.3**	**164.67**	**72.63 (30.6%)**

[1] *Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.*

C1. COMPLIANCE SUMMARY

	COMPLIES[1]		
	Time Dependent Valuaton (TDV)		Source Energy Use
	Efficiency[2] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)
Standard Design	237.3	n/a	n/a
Proposed Design	164.67	n/a	n/a
Compliance Margins	**72.63**	**n/a**	**n/a**
	Pass	**n/a**	**n/a**

[1] *Efficiency measures include improvements like a better building envelope and more efficient equipment*
[2] *Compliance Totals include efficiency, photovoltaics and batteries*
[3] *New Construction, Complete Addition Scope: Building complies when all efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded*
Existing, Addition and Alteration Scope: Building complies when efficiency compliance margin is greater than or equal to zero and unmet load hour limits are not exceeded

B. PROJECT SUMMARY

Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.

Building Components Complying via Performance					Building Components Complying Prescriptively	
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	☐ Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).	
	MultiFam	Not Included		☒ Not Included		
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	☐ Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required
	MultiFam	Not Included		☒ Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	☐ Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required
	MultiFam	Not Included		☒ Not Included	**Building Components Complying with Mandatory Measures**	
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)	☐ Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)	
	MultiFam	Not Included		☒ Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required
			Battery (see Table F)	☐ Performance	Commissioning 120.8	NRCC-CXR-E is required
				☒ Not Included	Solar and Battery 110.10	NRCC-SAB-E is required

Project Name:	CL SMITH ELEMENTARY - PHASE 2 - BLDG 500
Date Prepared:	2025-08-08

A. General Information

1	Project Name	CL SMITH ELEMENTARY – PHASE 2 – BLDG 500	
2	Run Title	Title 24 Analysis	
3	Project Location	1375 Balboa St	
4	City	San Luis Obispo	5 Standards Version: Compliance 2022
6	Zip code	93405	7 Compliance Software (version) EnergyPro 9.3
8	Climate Zone	5	9 Building Orientation (deg) 315
10	Building Type(s)	• Nonresidential	11 Weather File SAN-LUIS-OBISPO_SYYP20.epw
12	Project Scope	• Existing alteration	13 Number of Dwelling Units 0
14	Total Conditioned Floor Area in Scope (ft²)	4358.67	15 Total # of hotel/motel rooms 0
16	Total Unconditioned Floor Area (ft²)	191.53	17 Fuel Type Natural gas
18	Nonresidential Conditioned Floor Area	4358.67	19 Total # of Stories (Habitable Above Grade) 1
20	Residential Conditioned Floor Area	0	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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CONSULTANT

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689 Tank Farm Rd., Ste 240
SLO, CA 93401
OFF: (805) 544-4269
BMA JOB# 25120.00

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
ENERGY COMPLIANCE
BUILDING 500

NO.	REVISION	DATE
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PROJECT MANAGER

DRAWN BY	CHECKED BY
DL	DL

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
En5.0

DSA SUBMITTAL

F:\Drawings\2025\25120.00_SLO\SD Cl. Smith ES Ph 2\energy\Drawings\25120.00 En1.0_BLDG 500.dwg, En5.0, Dec 12, 2025 - 1:28pm, PradoSolacito

NONRESIDENTIAL/MULTIFAMILY T24 ENVELOPE MANDATORY MEASURES

(All Section Numbers Are From 2022 Building Energy Efficiency Standards Title 24, Part 6.)

Mandatory measures in Sections 110.6–110.8, 120.7 and 160.1 apply to all multifamily nonresidential buildings, whether the designer chooses the prescriptive or performance approach to compliance. Mandatory measures by code section are as follows:

1. 110.6 REQUIREMENTS FOR FENESTRATION PRODUCTS AND EXTERIOR DOORS. All fenestration products and exterior doors shall meet the applicable requirements of section 110.6.
2. 110.7 REQUIREMENTS TO LIMIT AIR LEAKAGE. All joints, penetrations and other openings in the building envelope that are potential sources of air leakage shall be caulked, gasketed, weather–stripped or otherwise sealed to limit infiltration and exfiltration.
3. 110.8 REQUIREMENTS FOR INSULATION, ROOFING PRODUCTS AND RADIANT BARRIERS. All Insulation, Roofing Products and Radiant Barriers shall meet the requirements listed in Sections 110.8
4. 120.7 INSULATION REQUIREMENTS. Nonresidential, high–rise residential, and hotel–motel buildings shall comply with the applicable requirements in sections 120.7(a) through 120.7(c). The opaque portions of walls that separate conditioned spaces from unconditioned or ambient air shall meet the insulation requirements listed in Section 120.7(b)7.
5. 160.1 REQUIREMENTS FOR MULTIFAMILY BUILDING ENVELOPES. All multifamily nonresidential buildings are required to comply with the applicable envelope requirements in sections 160.1(a) through (f).

J. VENTILATION AND INDOOR AIR QUALITY

This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1 120.2(e)138 140.4(b) and 140.4(j) for all nonresidential and hotel/motel and if 124/mshvlink/j160.2, 160.3(a)30, 170.2(e)4N, 170.2(e)4O for high–rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflows may be shown on the plans or the calculations can be presented in a spreadsheet.

01	☐	Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.
02	☒	Check this box if the project included Nonresidential, Hotel/Motel Spaces or Multifamily Common Use Spaces
03	☐	Check the box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per 120.1(c)2.

Nonresidential and Hotel/ Motel Multifamily Common Use Ventilation Systems

04		05				06		07
System Name	HPC-6.1	System Design OA CFM Airflow[1]		1292	System Design Transfer Air CFM	0		Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)2[1] Provided
08	09	10	11	12	13	14	15	16
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)3[1] & 160.2(c)3					Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)3[2] 160.2(c)5O 160.2(c)5E 160.2(c)5D
	Occupancy Type[4]	Conditioned Floor Area (ft²)	# of Shower/ heads/ toilets	# of people[5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM	
FC-6.1	All others	1295.8			1386.5	0	0	DCV: NA: Not required per §120.1(d)3
								Occ Sensor: NA: Not required space type
17	Total System Required Min OA CFM				1387	18	Ventilation for this System Complies?	Yes
04		05				06		07
System Name	HPC-6.2	System Design OA CFM Airflow[1]		536	System Design Transfer Air CFM	0		Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)2[1] Provided
08	09	10	11	12	13	14	15	16

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H. FAN SYSTEMS & AIR ECONOMIZERS

System Name	RTU-6.1	Quantity	1	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	2,850	Site Elevation	320	Economizer	Fixed Temperature
01	02	03	04			05		06	07	08	09			10	11
Fan Name or Item Tag	Fan Type	Qty	Component			Airflow through Component (%)		Water Gauge (w.g)	Allowance		Design				
									Component Allowance	Fan Allowance (watt/cfm)[3]	Design Electrical Input Power Method		Motor Nameplate Horsepower		Design Electrical Input Power (kW)
SF	Supply	1	Base Allowance for system serving spaces <=6 floors away			100				661	Manufacturer provided				1.48
			MERV 13-16 Filter upstream of thermal conditioning equipment			100				396					
			Hydronic/DX cooling coil or heat pump coil			100				396					
			Economizer Return Damper			100				131					
			Supply Fan System			100				396					
Supply Fan Base Allowance (kW)			Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)						Fan System Allowance (kW)[3]		1.98		Fan System Electrical Output (kW)		1.48

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F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Dry System Equipment Sizing (Includes air conditioners, condensers, heat pumps, VRF, furnaces and unit heaters and DOAS systems)

01	02	03	04	05	06	07	08	09	10	11

[1] It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tables
[2] If equipment is heating only, leave cooling output and load blank. If equipment is a cooling only, leave heating output and load blank.
[3] Authority Having Jurisdiction may ask for load calculations used for compliance per 140.4(b) and 170.2(c).

Dry System Equipment Efficiency (other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP), DX-DOAS and Dual Fuel Heat Pumps)

01	02	03	04	05	06	07	08	09
Name or Item Tag	Size Category (Btu/h)	Heating Mode				Cooling Mode		
		Rating Condition (°F)	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency
HPC-6.1	<65,000	47 °Fdb/ 43 °Fwb OSA	HSPF	7.7	9.5	SEER	13.0	16.4
HPC-6.2	<65,000		HSPF2	7.5	8	SEER2	14.3	17
HPC-6.3	<65,000	47 °Fdb/ 43 °Fwb OSA	HSPF	7.7	9.5	SEER	13.0	16.4
RTU-6.1	>=65,000 and <135,000		COP	3.4	3.5	EER IEER	11 14.1	12.2 16
RTU-6.2	>=65,000 and <135,000		COP	3.4	3.5	EER IEER	11 14.1	12.2 16

G. PUMPS

This section does not apply to this project.

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J. VENTILATION AND INDOOR AIR QUALITY

[4] See Standards Tables 120.1-A and 120.1-B.
[5] For lecture halls with fixed seating, the expected number of occupants shall be determined in accordance with the California Building Code.
[6] 120.2(e)3 requires systems serving rooms that are required by 130.1(c) to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilation. Examples of spaces which require lighting occupancy sensors include offices 250ft² or smaller, multipurpose rooms less than 1,000 ft², classrooms, conference rooms, restrooms, aisles and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by 130.1(c).

K. TERMINAL BOX CONTROLS

This section does not apply to this project.

L. DISTRIBUTION (DUCTWORK and PIPING)

This table is used to show compliance with mandatory pipe insulation requirements found in 120.3 and mandatory requirements found in 120.4(g) for duct sealing.

01	☐	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service. Insulation covering chilled water piping and refrigerant suction piping located outside the conditioned space shall have a Class I or Class II vapor retarder. All penetrations and joints of which shall be sealed.

Duct Leakage Testing

The answers to the questions below apply to the following duct systems:	HPC-6.1	**NR/ Common Use:** Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems?	No

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I. SYSTEM CONTROLS

This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)4D 170.2(c)4L or requirements in 141.0(b)2F 180.2(b)2 for altered space conditioning systems.

01	02	03	04		05	06	07	08	09
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	Thermostats 110.2(b) & (c)[1], 120.2(a) 160.3(a)3A or 141.0(b)2E & 180.2(b)2		Shut-Off Controls 120.2(e) & 160.3(a)2D	Isolation Zone Controls 120.2(g) & 160.3(a)2F	Demand Response 110.12 120.2(h) & 160.3(a)2B	Supply Air Temp. Reset 140.4(f) & 170.2(c)4D	Window Interlocks per 140.4(n) & 170.2(c)4O
HPC-6.1	Multi-zone w/ DDC to zone	<= 25,000 ft²	Setback		Auto Timer Switch	4 Hour Timer	EMCS	NA: Would increase energy use	Provided
HPC-6.2	Single zone	<= 25,000 ft²	Setback		Auto Timer Switch	4 Hour Timer	EMCS	NA: Would increase energy use	Provided
HPC-6.3	Multi-zone w/ DDC to zone	<= 25,000 ft²	Setback		Auto Timer Switch	4 Hour Timer	EMCS	NA: Would increase energy use	Provided
RTU-6.1	Single zone	<= 25,000 ft²	Setback		Auto Timer Switch	4 Hour Timer	EMCS	NA: Would increase energy use	Provided
RTU-6.2	Single zone	<= 25,000 ft²	Setback		Auto Timer Switch	4 Hour Timer	EMCS	NA: Would increase energy use	Provided

[1] FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.

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H. FAN SYSTEMS & AIR ECONOMIZERS

System Name	PEFY-L54	Quantity	1	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	1,250	Site Elevation	320	Economizer	NA: Efficiency per Table 140.4-F
01	02	03	04			05		06	07	08	09			10	11
Fan Name or Item Tag	Fan Type	Qty	Component			Airflow through Component (%)		Water Gauge (w.g)	Allowance		Design				
									Component Allowance	Fan Allowance (watt/cfm)[3]	Design Electrical Input Power Method		Motor Nameplate Horsepower		Design Electrical Input Power (kW)
VRF	Supply	1											Manufacturer provided		
Supply Fan Base Allowance (kW)			Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)						Fan System Allowance (kW)[3]				Fan System Electrical Output (kW)		0.3

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F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Space Conditioning System Information

01	02	03	04	05	06
System Name	Quantity	System Serving	System Status	Space Type	Utilizing Recovered Heat
RTU-6.2	1	Single zone	Alteration		☐

Dry System Equipment Sizing (Includes air conditioners, condensers, heat pumps, VRF, furnaces and unit heaters and DOAS systems)

01	02	03	04	05	06	07	08	09	10	11
Name or Item Tag	Equipment Category per Tables 110.2, 140.4(a)2 and 170.2(c)3iii	Equipment Type per Tables 110.2 and Title 20	Smallest Size Available[1] 140.4(a) and 170.2(c)1	Equipment Sizing per Mechanical Schedule (kBtu/h) 140.4(a&b), 170.2(c)1 & 170.2(c)2						
				Heating Output[2,1]			Cooling Output[2,1]		Load Calculations[3,4]	
				Per Design (kBtu/h)	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)	Rated (kBtu/h)	Total Heating Load (kBtu/h)	Total Sensible Cooling Load (kBtu/h)
HPC-6.1	Variable Refrigerant Flow	VRF heat pump, air cooled	NA: Altered per 141.0(b)2E and 180.2(b)2	63.06	66	0	58.28	45	106.03	65.35
HPC-6.2	Unitary Heat Pumps	Air-cooled, split (1phase)	NA: Altered per 141.0(b)2E and 180.2(b)2	46.15	66.5	0	54.45	44.4	41.5	68.69
HPC-6.3	Variable Refrigerant Flow	VRF heat pump, air cooled	NA: Altered per 141.0(b)2E and 180.2(b)2	63.06	66	0	54.67	45	41.37	63.75
RTU-6.1	Unitary Heat Pumps	Air-cooled, pkg (3 phase)	NA: Altered per 141.0(b)2E and 180.2(b)2	60.37	87	0	85.47	69.3	121.05	113.94
RTU-6.2	Unitary Heat Pumps	Air-cooled, pkg (3 phase)	NA: Altered per 141.0(b)2E and 180.2(b)2	60.37	87	0	83.76	69.3	78.13	78.72

[1] FOOTNOTES: Equipment shall be the smallest size, within the available options of the desired equipment line, necessary to meet the design heating and cooling loads of the building per 140.4(a) and 170.2(c)1. Healthcare facilities are excepted.

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J. VENTILATION AND INDOOR AIR QUALITY

Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)3[1] & 160.2(c)3				Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)3[2] 160.2(c)5O 160.2(c)5E 160.2(c)5D
	Occupancy Type[4]	Conditioned Floor Area (ft²)	# of Shower/ heads/ toilets	# of people[5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM
RTU-6.1	Assembly- multiuse	2872.9			1436.4	0	0
							DCV: Provided per §120.1(d)3
							Occ Sensor: NA: Not required space type
17	Total System Required Min OA CFM				1436	18	Ventilation for this System Complies? Yes

04		05				06		07
System Name	RTU-6.2	System Design OA CFM Airflow[1]		958	System Design Transfer Air CFM	0		Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)2[1] Provided
08	09	10	11	12	13	14	15	16

Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)3[1] & 160.2(c)3				Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)3[2] 160.2(c)5O 160.2(c)5E 160.2(c)5D
	Occupancy Type[4]	Conditioned Floor Area (ft²)	# of Shower/ heads/ toilets	# of people[5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM
RTU-6.2	Assembly- multiuse	1916.9			958.4	0	0
							DCV: Provided per §120.1(d)3
							Occ Sensor: NA: Not required space type
17	Total System Required Min OA CFM				958	18	Ventilation for this System Complies? Yes

[1] FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system
[2] Air filtration requirements apply to the following three system types per 120.1(c)1A: space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space.
[3] Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.

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H. EXHAUST AIR HEAT RECOVERY 140.4(q), 170.2(c)4O

01	02	03	04	05	06	07	08	09	10	11
Fan System Name	Qty	Hours of Operation per Year	Design Supply Airflow Rate	Outdoor Airflow	% Outdoor Air at Full Design Airflow	Exemptions to Exhaust Air Heat Recovery Requirement per 140.4(q) & 170.2(c)4O	Exhaust Air Heat Recovery 140.4(q) & 170.2(c)4O	Type Of Heat Recovery Rating	Required Recovery Ratio	Energy Recovery Bypass

Fan Energy Index (FEI)

01	02	03
Name or Item Tag	FEI Exception	FEI
HPC-6.1	None Applies	1
HPC-6.2	None Applies	1
HPC-6.3	None Applies	1
RTU-6.1	None Applies	1
RTU-6.2	None Applies	1

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H. FAN SYSTEMS & AIR ECONOMIZERS

System Name	HPC-6.2	Quantity	1	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	1,650	Site Elevation	320	Economizer	NA: Special OA filtration
01	02	03	04			05		06	07	08	09			10	11
Fan Name or Item Tag	Fan Type	Qty	Component			Airflow through Component (%)		Water Gauge (w.g)	Allowance		Design				
									Component Allowance	Fan Allowance (watt/cfm)[3]	Design Electrical Input Power Method		Motor Nameplate Horsepower		Design Electrical Input Power (kW)
SF	Supply	1	Base Allowance for system serving spaces <=6 floors away			100				383	Manufacturer provided				0.75
			MERV 13-16 Filter upstream of thermal conditioning equipment			100				229					
			Hydronic/DX cooling coil or heat pump coil			100				229					
			Supply Fan System			100				229					
Supply Fan Base Allowance (kW)			Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)						Fan System Allowance (kW)[3]		1.07		Fan System Electrical Output (kW)		0.75

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C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D., or the table indicated as not compliant for guidance.

01		02		03		04		05		06		07		08		09	
System Summary 110.1, 110.2, 140.4, 170.2(c)	AND	Pumps 140.4(k), 170.2(c)4I	AND	Fans/ Economizers 140.4(c), 140.4(e), 170.2(c)	AND	Controls 110.2, 120.2, 140.4(f), 170.2(c)	AND	Ventilation 120.1, 160.2	AND	Terminal Box Controls 140.4(i), 170.2(c)4B	AND	Distribution 120.3, 140.4(l), 160.2, 160.3	AND	Cooling Towers 110.2(e)2		Compliance Results	
(See Table F)		(See Table G)		(See Table H)		(See Table I)		(See Table J)		(See Table K)		(See Table L)		(See Table M)			
Yes	AND		AND	Yes	AND	Yes	AND	Yes	AND		AND	Yes	AND		AND	COMPLIES	
Mandatory Measures Compliance (See Table Q for Details)																COMPLIES	

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Space Conditioning System Information

01	02	03	04	05	06
System Name	Quantity	System Serving	System Status	Space Type	Utilizing Recovered Heat
HPC-6.1	1	Multi-zone	Alteration		☐
HPC-6.2	1	Single zone	Alteration		☐
HPC-6.3	1	Multi-zone	Alteration		☐
RTU-6.1	1	Single zone	Alteration		☐

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J. VENTILATION AND INDOOR AIR QUALITY

Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)3[1] & 160.2(c)3				Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)3[2] 160.2(c)5O 160.2(c)5E 160.2(c)5D
	Occupancy Type[4]	Conditioned Floor Area (ft²)	# of Shower/ heads/ toilets	# of people[5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM
FC-6.2	Stages, studios	1071.3			535.6	0	0
							DCV: NA: Not required per §120.1(d)3
							Occ Sensor: NA: Not required space type
17	Total System Required Min OA CFM				536	18	Ventilation for this System Complies? Yes

04		05				06		07
System Name	HPC-6.3	System Design OA CFM Airflow[1]		500	System Design Transfer Air CFM	0		Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)2[1] Provided
08	09	10	11	12	13	14	15	16

Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)3[1] & 160.2(c)3				Exh. Vent per 120.1(c)4 & 160.2(c)4		DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)3[2] 160.2(c)5O 160.2(c)5E 160.2(c)5D
	Occupancy Type[4]	Conditioned Floor Area (ft²)	# of Shower/ heads/ toilets	# of people[5]	Required Min OA CFM	Required Min CFM	Provided per Design CFM
FC-6.3	Kitchen (cooking)	680.7			102.1	476.5	500
							DCV: NA: Not required per §120.1(d)3
							Occ Sensor: NA: Not required space type
17	Total System Required Min OA CFM				102	18	Ventilation for this System Complies? Yes

04		05				06		07
System Name	RTU-6.1	System Design OA CFM Airflow[1]		1310	System Design Transfer Air CFM	0		Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)2[1] Provided
08	09	10	11	12	13	14	15	16

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H. FAN SYSTEMS & AIR ECONOMIZERS

This table is used to demonstrate compliance with prescriptive requirements found in 140.4(c), 140.4(e), 140.4(m), 170.2(c)3, and 170.2(c)4A for fan systems. Fan systems serving only process loads are exempt from these requirements and do not need to be included in Table H.

System Name	PEFY-L54	Quantity	1	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	1,250	Site Elevation	320	Economizer	NA: Efficiency per Table 140.4-F
01	02	03	04			05		06	07	08	09			10	11
Fan Name or Item Tag	Fan Type	Qty	Component			Airflow through Component (%)		Water Gauge (w.g)	Allowance		Design				
									Component Allowance	Fan Allowance (watt/cfm)[3]	Design Electrical Input Power Method		Motor Nameplate Horsepower		Design Electrical Input Power (kW)
VRF	Supply	1											Manufacturer provided		
Supply Fan Base Allowance (kW)			Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)						Fan System Allowance (kW)[3]				Fan System Electrical Output (kW)		0.3

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H. FAN SYSTEMS & AIR ECONOMIZERS

System Name	RTU-6.2	Quantity	1	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	2,850	Site Elevation	320	Economizer	Fixed Temperature
01	02	03	04			05		06	07	08	09			10	11
Fan Name or Item T

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: CL SMITH ELEMENTARY - PHASE 2 - BLDG 600	**Report Page:**	**(Page 17 of 24)**
	Date Prepared:	8/8/2025

L. DISTRIBUTION (DUCTWORK and PIPING)

			Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems?	No
			Duct leakage testing per CMC Section 603.10.1 required for these systems?	Yes
11	No	The scope of the project includes only duct systems serving healthcare facilities		
12	Yes	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.		
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.		
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:		
15		The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.		
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.		
17		All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A		
18		All ductwork is an extension of an existing duct system		
19		Ductwork serving individual dwelling unit		
20		+ 25 ft of new or replacement space conditioning ducts installed		
21	R-8	Duct Insulation R-value		
22				
23				
The answers to the questions below apply to the following duct systems:		HPC-6.3	**NR/ Common Use:** Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems?	No

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: CL SMITH ELEMENTARY - PHASE 2 - BLDG 600	**Report Page:**	**(Page 16 of 24)**
	Date Prepared:	8/8/2025

L. DISTRIBUTION (DUCTWORK and PIPING)

			Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems?	No
			Duct leakage testing per CMC Section 603.10.1 required for these systems?	Yes
11	No	The scope of the project includes only duct systems serving healthcare facilities		
12	No	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.		
13	Yes	The space conditioning system serves less than 5,000 ft² of conditioned floor area.		
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:		
15		The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.		
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.		
17		All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A		
18		All ductwork is an extension of an existing duct system		
19		Ductwork serving individual dwelling unit		
20		+ 25 ft of new or replacement space conditioning ducts installed		
21	R-8	Duct Insulation R-value		
22				
23				
The answers to the questions below apply to the following duct systems:		HPC-6.2	**NR/ Common Use:** Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems?	No

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRACKING #: 68809-91

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST. SAN LUIS OBISPO, CA 93405

ENERGY COMPLIANCE
BUILDING 600

NO.	REVISION	DATE
1		
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4		
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6		

PROJECT MANAGER

DRAWN BY	CHECKED BY
DL	DL

DATE
12/12/2025

PROJECT NUMBER
0100-06-ED24

SHEET
En6.1

DSA SUBMITTAL

F:\Drawings\2025\25120\00_SLC\DD C2_Smith ES Ph 2\energy\Drawings\25120.00 En1.0_BLDG 600.dwg, En6.1, Dec 12, 2025 12:42pm, PedroSalcedo

NONRESIDENTIAL/MULTIFAMILY T24 ENVELOPE MANDATORY MEASURES

(All Section Numbers Are From 2022 Building Energy Efficiency Standards Title 24, Part 6.)

Mandatory measures in Sections 110.6–110.8, 120.7 and 160.1 apply to all multifamily nonresidential buildings, whether the designer chooses the prescriptive or performance approach to compliance. Mandatory measures by code section are as follows:

1. 110.6 REQUIREMENTS FOR FENESTRATION PRODUCTS AND EXTERIOR DOORS. All fenestration products and exterior doors shall meet the applicable requirements of section 110.6.
2. 110.7 REQUIREMENTS TO LIMIT AIR LEAKAGE. All joints, penetrations and other openings in the building envelope that are potential sources of air leakage shall be caulked, gasketed, weather–stripped or otherwise sealed to limit infiltration and exfiltration.
3. 110.8 REQUIREMENTS FOR INSULATION, ROOFING PRODUCTS AND RADIANT BARRIERS. All Insulation, Roofing Products and Radiant Barriers shall meet the requirements listed in Sections 110.8
4. 120.7 INSULATION REQUIREMENTS. Nonresidential, high–rise residential, and hotel–motel buildings shall comply with the applicable requirements in sections 120.7(a) through 120.7(c). The opaque portions of walls that separate conditioned spaces from unconditioned or ambient air shall meet the insulation requirements listed in Section 120.7(b)7.
5. 160.1 REQUIREMENTS FOR MULTIFAMILY BUILDING ENVELOPES. All multifamily nonresidential buildings are required to comply with the applicable envelope requirements in sections 160.1(a) through (f).

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
Zone Name	Mechanical Ventilation				Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM		
3-FC-7.2	Education - Classrooms (ages 9-18)	22.41	340.69	0	896.56	N/A
4-FC-7.3	Education - Multiuse assembly	30.85	617	0	1234	N/A
5-FC-7.4	Education - Classrooms (ages 9-18)	22.5	342	0	899.99	N/A
6-FC-7.5	Education - Art classroom	37.41	224.46	1200	1496.38	N/A
7-FC-7.6	Education - Multiuse assembly	23.53	470.69	0	941.39	N/A
8-FC-7.7	Education - Multiuse assembly Office - Office space	20.73	429.39	0	1065.28	N/A
9-DS-7.1	General - Unoccupied	0.44	0	0	295.74	N/A

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
System ID	System Type	Qty	Rated Capacity (kBtu/h)		Airflow (cfm)			Fan			VSD
			Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	
1-FC-7.1-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
3-FC-7.2-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
4-FC-7.3-Trm	Uncontrolled	1	N/A	N/A	1,485	N/A	0	N/A	N/A	N/A	☐
5-FC-7.4-Trm	Uncontrolled	1	N/A	N/A	910	N/A	0	N/A	N/A	N/A	☐
6-FC-7.5-Trm	Uncontrolled	1	N/A	N/A	1,485	N/A	0	N/A	N/A	N/A	☐
7-FC-7.6-Trm	Uncontrolled	1	N/A	N/A	1,485	N/A	0	N/A	N/A	N/A	☐

G4. NONRESIDENTIAL AIR BARRIER

01	02
Building Story Name	Air Barrier
Com-Floor 1	No air barrier

G5. OPAQUE SURFACE ASSEMBLY SUMMARY

01	02	03	04	05	06		07	08	09	10
Surface Name	Construction Type	Area (ft²)	Framing Type	Cavity R-Value	Continuous R-Value		Units	Value	Description of Assembly Layers	Status[1]
					Interior	Exterior				
R-19 Wall6	Exterior Wall	4,539.12	Wood	19	N/A	N/A	U-factor	0.0723	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Composite-1 Gypsum Board - 1/2 in.	E
Interior R-0 Wall19	Interior Wall	9,170.87	N/A	0	N/A	N/A	U-factor	0.3145	Gypsum Board - 1/2 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Gypsum Board - 1/2 in.	E
(E) Slab On Grade12	Underground Floor	7,988.77	N/A	0	N/A	N/A	F-factor	0.73	Slab Type =Unheated slab on grade Insulation Orientation =None Insulation R-Value =none	E
R-30 Roof Attic24	Roof	8,239.32	Wood	30	N/A	N/A	U-factor	0.0383	AsphaltShingles0_25in Vapor permeable felt - 1/8 in. Plywood - 1/2 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Composite-2 Gypsum Board - 1/2 in.	A

[1] *Status: N - New, A - Altered, E - Existing*

C2. TDV ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft² - yr)

	COMPLIES[2]		
Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Space Heating	7.45	23.17	-15.72
Space Cooling	25.64	22.94	2.7
Indoor Fans	130.92	46.95	83.97
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	26.11	26.55	-0.44
Indoor Lighting	31.73	31.73	0
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**221.85**	**151.34**	**70.51 (31.8%)**
Photovoltaics	---	---	---
Batteries	---	---	---
TOTAL COMPLIANCE	**221.85**	**151.34**	**70.51 (31.8%)**

[1] *Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.*

Documentation Author's Declaration Statement

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Dustin Lane	Documentation Author Signature:
Company: BMA Mechanical+	Signature Date: 08/08/25
Address: 689 Tank Farm Rd. STE 240	CEA/HERS Certification Identification (if applicable):
City/State/Zip: San Luis Obispo CA 93401	Phone: 805-544-4269

Responsible Person's Declaration statement

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.
6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.

Responsible Designer Name: Brandon Rodgers	Responsible Designer Signature:
Company: BMA Mechanical+	
Address: 689 Tank Farm Rd. Suite 240	Date Signed: 08/08/25
City/State/Zip: San Luis Obispo, CA 93401	License #: M33682
Phone: (805) 544-4269	Title: Engineer — Scope: Mechanical

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
Name or Item Tag	Qty	Design OA CFM	Supply Fan				Return / Relief Fan					Status[1]
			CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	
HPC-7.1	1	332.41	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-7.2	1	340.69	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-7.3	1	617	1,485	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-7.4	1	342	910	0.28	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-7.5	1	224.46	1,485	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-7.6	1	470.69	1,485	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
HPC-7.7	1	429.39	1,485	0.49	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
DS-7.1	1	0	629	0.07	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N

[1] *Status: N - New, A - Altered, E - Existing*

H5. GENERAL EXHAUST FAN SUMMARY

01	02	03	04	05	06	07	08
System ID	Zone Name	Qty	CFM	Power	Power Units	Continuous Operation?	Status[1]
Unconditioned2E-EF	2-Unconditioned	1	300	0.11	BHP	No	N
FC-7.5100-EF	6-FC-7.5	1	1200	0.34	BHP	No	N

[1] *Status: N - New, A - Altered, E - Existing*

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
Zone Name	Mechanical Ventilation				Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM		
1-FC-7.1	Education - Classrooms (ages 9-18)	21.87	332.41	0	874.75	N/A

C8. ENERGY USE INTENSITY (EUI)

	Standard Design (kBtu/ft² / yr)	Proposed Design (kBtu/ft² / yr)	Margin (kBtu/ft² / yr)	Margin Percentage
GROSS EUI[1]	38.77	28.15	10.62	27.39
NET EUI[1]	38.77	28.15	10.62	27.39

[1] *Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.*

D1. EXCEPTIONAL CONDITIONS

• The building does not include service water heating. Verify that service water heating is not required and is not included in the design.

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft²)	Total Fenestration Area (ft²)	Window to Wall Ratio (%)
North-Facing[1]	1150.42	180	15.65
East-Facing[2]	1063.78	90	8.46
South-Facing[3]	1209.78	180	14.88
West-Facing[4]	795.39	90	11.32
Total	**4219.36**	**540**	**12.8**
Roof	7945.89	96	1.21

Notes
[1]*North-Facing is oriented to within 45 degrees of true north, including 45 00'00" east of north (NE), but excluding 45 00'00" west of north (NW),*
[2]*East-Facing is oriented to within 45 degrees of true east, including 45 00'00" south of east (SE), but excluding 45 00'00" north of east (NE),*
[3]*South-Facing is oriented to within 45 degrees of true south, including 45 00'00" west of south (SW), but excluding 45 00'00" east of south (SE),*
[4]*West-Facing is oriented to within 45 degrees of true west, including 45 00'00" north of west (NW), but excluding 45 00'00" south of west (SW),*

C1. COMPLIANCE SUMMARY

	COMPLIES[3]		
	Time Dependent Valuation (TDV)		Source Energy Use
	Efficiency[1] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)
Standard Design	221.85	n/a	n/a
Proposed Design	151.34	n/a	n/a
Compliance Margins	**70.51**	**n/a**	**n/a**
	Pass	**n/a**	**n/a**

[1] *Efficiency measures include improvements like a better building envelope and more efficient equipment*
[2] *Compliance Totals include efficiency, photovoltaics and batteries*
[3] *New Construction, Complete Addition Scope: Building complies when all efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded*
Existing, Addition and Alteration Scope: Building complies when efficiency compliance margin is greater than or equal to zero and unmet load hour limits are not exceeded

L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Envelope	NRCI-ENV-01-E - Must be submitted for all buildings
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MCH-01-E - Must be submitted for all buildings
Mechanical	NRCI-MCH-E - For all buildings with Mechanical Systems
Indoor Lighting	NRCI-LTI-E - Indoor Lighting (for all buildings)

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).

Building Component	Form/Title & System Name(s)
Envelope	NRCA-ENV-02-F - NFRC label verification for fenestration
Mechanical	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap HPC-7.1, HPC-7.2, HPC-7.3, HPC-7.4, HPC-7.5, HPC-7.6, HPC-7.7 and DS-7.1.
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC HPC-7.1, HPC-7.2, HPC-7.3, HPC-7.4, HPC-7.5, HPC-7.6, HPC-7.7 and DS-7.1.

N. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

There are no Certificates of Verification applicable to this project

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
Equipment Name	Equipment Type	Qty	Heating				Cooling			Economizer Type (if present)	Status[1]
			Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency		
HPC-7.1	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.65 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-7.2	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.65 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-7.3	Single Zone Heat Pump (SZHP) Air System	1	62.49	0	COP HSPF2	3.6 8.1	46.09	EER2 SEER2	9.1 17.1	No Economizer	N
HPC-7.4	Single Zone Heat Pump (SZHP) Air System	1	35.62	0	COP HSPF2	3.6 8.2	31.68	EER2 SEER2	9.3 15.8	No Economizer	N
HPC-7.5	Single Zone Heat Pump (SZHP) Air System	1	62.49	0	COP HSPF2	3.6 8.1	46.09	EER2 SEER2	9.1 17.1	No Economizer	N
HPC-7.6	Single Zone Heat Pump (SZHP) Air System	1	62.49	0	COP HSPF2	3.7 8.4	46.09	EER2 SEER2	9.1 17.1	No Economizer	N
HPC-7.7	Single Zone Heat Pump (SZHP) Air System	1	62.49	0	COP HSPF2	3.6 8.1	46.09	EER2 SEER2	9.1 17.1	No Economizer	N
DS-7.1	Single Zone Heat Pump (SZHP) Air System	1	25	0	COP HSPF2	4.1 9.5	21.51	EER2 SEER2	12 21	No Economizer	N

[1] *Status: N - New, A - Altered, E - Existing*

C7. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	---	4.8	---	20.4	---	---
Space Cooling	8.3	7.5	0.8	---	---	---
Indoor Fans	36	12.9	23.1	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	8	8.1	-0.1	---	---	---
Indoor Lighting	9.4	9.4	0	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY TOTAL	**61.7**	**42.7**	**19**	**20.4**	**0**	**20.4**
Photovoltaics	---	---	---	---	---	---
Batteries	---	---	---	---	---	---
ENERGY USE SUBTOTAL	**61.7**	**42.7**	**19**	**20.4**	**0**	**20.4**
Receptacle	22.4	22.4	0	---	---	---
Process	---	---	---	---	---	---
Other Ltg	0.4	0.4	0	---	---	---
Process Motors	0.3	0.4	-0.1	---	---	---
ENERGY USE TOTAL	**84.8**	**65.9**	**18.9**	**20.4**	**0**	**20.4**

B. PROJECT SUMMARY

Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.

Building Components Complying via Performance						Building Components Complying Prescriptively	
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	☐	Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCI form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E):	
	MultiFam	Not Included		☒	Not Included		
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	☐	Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required
	MultiFam	Not Included		☒	Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	☐	Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required
	MultiFam	Not Included		☒	Not Included	**Building Components Complying with Mandatory Measures**	
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)	☐	Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)	
	MultiFam	Not Included		☒	Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required
			Battery (see Table F)	☐	Performance	Commissioning 120.8	NRCC-CXR-E is required
				☒	Not Included	Solar and Battery 110.10	NRCC-SAB-E is required

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
System ID	System Type	Qty	Rated Capacity (kBtu/h)		Airflow (cfm)			Fan			VSD
			Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	
8-FC-7.7-Trm	Uncontrolled	1	N/A	N/A	1,485	N/A	0	N/A	N/A	N/A	☐
9-DS-7.1-Trm	Uncontrolled	1	N/A	N/A	629	N/A	0	N/A	N/A	N/A	☐

K1. INDOOR CONDITIONED LIGHTING GENERAL INFO

01	02	03	04	05	06
Occupancy Type[1]	Conditioned Floor Area[2] (ft²)	Installed Lighting Power (Watts)	Lighting Control Credits (Watts)	Additional (Custom) Allowance	
				Area Category Footnotes (Watts)	Area Category Footnotes (Watts)
Classroom, Lecture, or Training Vocational	7113.33	4268	0	0	0
Electrical Mechanical Telephone Room	295.74	118.3	0	0	0
Office (250 square feet)	295	191.75	0	0	0
Building Totals:	**7704.07**	**4578.05**	**0**	**0**	**0**

[1]*See Table 140.6-C*
[2]*See NRCC-LTI-E for unconditioned spaces*
Lighting information for existing spaces modeled is not included in this table

K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROL

See NRCC-LTI-E for mandatory controls

G6A. OPAQUE DOOR SUMMARY (NONRESIDENTIAL)

01	02	03	04
Assembly Name	Area (ft²)	Overall U-factor	Status[1]
(E) Metal Door13	273	0.7	E

[1] *Status: N - New, A - Altered, E - Existing*

G7A. FENESTRATION ASSEMBLY SUMMARY (NONRESIDENTIAL)

01	02	03	04	05	06	07	08	09
Fenestration Assembly Name	Fenestration Type/ Product Type / Frame Type	Certification Method[1]	Assembly Method	Area (ft²)	Overall U-factor	Overall SHGC	Overall VT	Status[2]
Double Metal Tinted	Vertical fenestration Fixed window Metal	Default 110.6	Site built	540	0.71	0.6	0.77	E
Default Skylight	Skylight Fixed window Non-metal	Default 110.6	Site built	96	0.84	0.55	0.88	E

[1] *Notes: Newly installed fenestration shall have a certified NFRC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site-built fenestration values are calculated per Nonresidential Appendix NA6 and are used in the analysis.*
[2] *Status: N - New, A - Altered, E - Existing*

C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[2]
Receptacle	71.64	71.64	---
Process	---	---	---
Other Ltg	1.28	1.28	---
Process Motors	1.01	1.58	-0.57
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**295.78**	**225.84**	**69.94 (23.6%)**

[1] *Notes: This table is not used for Energy Code Compliance.*

C6. 'ABOVE CODE' QUALIFICATIONS

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

Project Name: CL SMITH ELEMENTARY - PHASE 2 - BLDG 700	Date Prepared: 2025-08-08

A. General Information

1	Project Name	CL SMITH ELEMENTARY - PHASE 2 - BLDG 700		
2	Run Title	Title 24 Analysis		
3	Project Location	1375 Balboa St		
4	City	San Luis Obispo	5 Standards Version	Compliance 2022
6	Zip code	93405	7 Compliance Software (version)	EnergyPro 9.3
8	Climate Zone	5	9 Building Orientation (deg)	315
10	Building Type(s)	• Nonresidential	11 Weather File	SAN-LUIS-OBISPO_STYP20.epw
12	Project Scope	• Existing alteration	13 Number of Dwelling Units	0
14	Total Conditioned Floor Area in Scope (ft²)	7704.08	15 Total # of hotel/motel rooms	0
16	Total Unconditioned Floor Area (ft²)	284.7	17 Fuel Type	Natural gas
18	Nonresidential Conditioned Floor Area	7704.08	19 Total # of Stories (Habitable Above Grade)	1
20	Residential Conditioned Floor Area	0		

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP.#: 03-125575
PROJECT TRAC

GENERAL POWER PLAN NOTES

A. INSTALL SEPARATE NEUTRALS FOR EACH BRANCH CIRCUIT.

B. DEVICE LOCATIONS SHOWN ARE SCHEMATIC AND APPROXIMATE. EXACT LOCATIONS SHALL BE FIELD VERIFIED DURING ROUGH-IN WITH ARCHITECT, DISTRICT REPRESENTATIVE, ARCHITECTURAL ELEVATIONS, CASEWORK SHOP DRAWINGS, FURNITURE, ETC. AND SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICT WITH OTHER EQUIPMENT.

C. ELECTRICAL AND COMMUNICATIONS OUTLETS SHOWN IN FIRE RATED, OR SOUND RATED (STC) ASSEMBLIES SHALL BE PROVIDED WITH PUTTY PADS LISTED FOR THE APPLICATION.

D. ELECTRICAL AND COMMUNICATIONS OUTLETS SHOWN IN THE SAME LOCATION, SHALL BE MOUNTED ON OPPOSITE SIDES OF THE SAME STUD. COORDINATE BETWEEN ELECTRICAL AND COMMUNICATIONS PLANS. ALTERNATIVELY, A DEVICE BRACKET MAY BE USED BETWEEN STUDS WITH 4-INCH SEPARATION BETWEEN POWER AND LOW VOLTAGE BOXES.

E. CONTROLLED RECEPTACLES; INSTALLED PER REQUIREMENTS OF 2022 BUILDING ENERGY EFFICIENCY STANDARDS / EFFICIENCY STANDARDS, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 6. SECTION 130.5 (D) - ELECTRICAL POWER DISTRIBUTION SYSTEMS AS CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND / OR CONTROLLED RECEPTACLES. SHALL BE PROVIDED WITH AN APPROVED MEANS OF INCLUDING A PERMANENT AND DURABLE MARKING IDENTIFYING THE CONTROLLED RECEPTACLES OR CIRCUITS TO DIFFERENTIATE THEM FROM UNCONTROLLED RECEPTACLES OR CIRCUITS. WHERE SHOWN ON ASSOCIATED FLOOR PLANS, AND OR REQUIRED BY THE STANDARDS; A DUPLEX NOTED TO BE CONTROLLED SHALL BE 'SPLIT-WIRED', SO THE TOP OUTLET SHALL BE SWITCHED AND THE BOTTOM OUTLET SHALL BE UNSWITCHED. A DOUBLE DUPLEX (FOURPLEX) NOTED TO BE CONTROLLED SHALL HAVE ONE OF THE DUPLEX RECEPTACLES SHALL BE CONTROLLED AND THE OTHER DUPLEX RECEPTACLE SHALL BE UNSWITCHED.

F. WHERE OUTLETS ARE SHOWN TO BE MOUNTED ABOVE COUNTER / CASEWORK, PLACE BOTTOM OF OUTLETS 1" ABOVE COUNTER / CASEWORK BACKSPLASH.

GENERAL LIGHTING PLAN NOTES

A. LIGHTING FIXTURE LOCATIONS SHOWN ARE SCHEMATIC. REFER TO ARCHITECTURAL PLANS (REFLECTED CEILING, ELEVATIONS, ETC.) FOR EXACT LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.

B. COORDINATE MOUNTING HEIGHTS OF WALL AND PENDANT MOUNT LUMINAIRES WITH ARCHITECT PRIOR TO ROUGH-IN.

C. REFER TO ARCHITECT'S REFLECTED CEILING PLAN(S) FOR CEILING HEIGHTS, TYPES, FINISHES, ETC. IN EACH AREA. VERIFY FLANGE TYPES, TRIM KITS, STEM LENGTHS, ETC. FOR ALL FIXTURES PRIOR TO SUBMITTALS.

D. CONFIRM LOCATION OF ALL DOORS SWINGS WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN OF SWITCHES.

E. PROVIDE UNSWITCHED HOT LEG OF ROOM LIGHTING BRANCH CIRCUIT TO EACH BATTERY POWERED EMERGENCY LIGHT AND EXIT SIGN FOR CONTINUOUS CHARGING.

F. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL RECESSED LIGHTING FIXTURES PRIOR TO MECHANICAL DUCTWORK INSTALLATION.

G. ACCEPTANCE TESTING FOR LIGHTING CONTROLS AND PROCESS EQUIPMENT TO BE PROVIDED BY CERTIFIED TECHNICIANS FOR LIGHTING CONTROLS AND PROCESS EQUIPMENT.

RECEPTACLES AT DAMP AND WET LOCATION

A. ALL 15 AND 20AMPERE RECEPTACLES FOR BOTH DAMP AND WET LOCATIONS REQUIRED TO BE LISTED WEATHER-RESISTANT (WR) TYPE PER CEC 406.9 (A) AND (B)

B. CEC 406.9(A) RECEPTACLES IN DAMP LOCATIONS: RECEPTACLES INSTALLED OUTDOORS IN A LOCATION PROTECTED FROM THE WEATHER OR IN OTHER DAMP LOCATIONS SHALL BE AN ENCLOSURE FOR THE RECEPTACLE THAT IS WEATHERPROOF WHEN THE RECEPTACLE IS COVERED (ATTACHMENT PLUG CAP NOT INSERTED AND RECEPTACLE COVERS CLOSE)

C. CEC 406.9(B) RECEPTACLES OF 15 AND 20AMP, 125 AND 250 VOLTS INSTALLED IN A WET LOCATION SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA-DUTY" OTHER LISTED PRODUCTS, ENCLOSURES, OR ASSEMBLIES PROVIDING WEATHERPROOF PROTECTION THAT DO NOT UTILIZE AN OUTLET BOX HOOD NEED TO BE MARKED "EXTRA DUTY"

EXCEPTION: 15 AND 20AMP, 125 THROUGH 250 VOLT RECEPTACLES INSTALLED IN A WET LOCATION AND SUBJECT TO ROUTINE HIGH-PRESSURE SPRAY WASHING SHALL BE PERMITTED TO HAVE AN ENCLOSURE THAT IS WEATHERPROOF WHEN THE ATTACHMENT PLUG IS REMOVED.

EXISTING UTILITY POINT OF CONNECTIONS

A. CONTRACTOR TO PHYSICALLY WALK THE SITE AND VERIFY ALL UTILITY POINT OF CONNECTIONS FOR ALL UTILITIES I.E. POTHOLE EACH SIDE, FIELD VERIFY DEPTHS THROUGHOUT FOR ALL EXISTING UTILITIES.

B. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE ON BEHALF OF THE CONTRACTOR ON ACCOUNT OF AN ERROR ON HIS OR HER PART OF THEIR NEGLIGENCE OF FAILURE TO ACQUAINT THEMSELVES WITH THE CONDITIONS OF THE SITE, EXISTING UTILITY LOCATIONS AND EASEMENTS OR OF THE STREET OR ROADS APPROACHING THE SITE.

CONDUIT / RACEWAY SYSTEM NOTES

RACEWAYS USED ON THIS PROJECT SHALL BE AS FOLLOWS: (AS APPROPRIATELY APPLIED):

1. PVC SCHEDULE 40 OR 80 - UNDERGROUND/BELOW SLAB WITH TAPE WRAPPED GRS ELBOWS AND RISERS.
2. ELECTRICAL METALLIC TUBING (EMT) - ABOVE GRADE/SLAB WHERE CONCEALED IN BUILDING CONSTRUCTION, EXPOSED EXTERIOR OF BUILDINGS ABOVE 8'-0" AFF. AND NOT SUBJECT TO PHYSICAL DAMAGE.
3. GALVANIZED RIGID STEEL (GRS) - SURFACE MOUNTED OUTSIDE OF EXISTING BUILDING C.
4. FLEXIBLE STEEL CONDUIT - CONCEALED IN LIMITED APPLICATIONS ABOVE CEILINGS AND/OR IN BUILDING CONSTRUCTION.
5. ELECTRICAL NON METALLIC TUBING (ENT) - CONCEALED IN LIMITED APPLICATIONS ABOVE CEILINGS AND/OR IN BUILDING CONSTRUCTION.
6. SURFACE MOUNTED RACEWAYS ARE PERMITTED ONLY WHERE EXISTING CONSTRUCTION DOES NOT ALLOW CONCEALED INSTALLATION, SUCH AS HARD-LID CEILINGS APPLIED TO ROOF FRAMING, SURFACE RACEWAYS SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO BUILDING LINES, SINGLE CHANNEL WHITE PLASTIC WIREMOLD IS THE APPROVED PRODUCT FOR SURFACE RACEWAYS. WIREMOLD MUST BE FASTENED WITH SCREWS.
7. A PRE-INSTALLATION MEETING SHALL BE CONDUCTED TO REVIEW PLANNED CABLE ROUTING AND RACEWAY LOCATIONS WITH ARCHITECT AND OWNER. ALL RACEWAY INSTALLATIONS REQUIRE ARCHITECT APPROVAL. CONTRACTORS MUST SUBMIT FLOOR PLAN SHOP DRAWINGS DETAILING PROPOSED SURFACE MOUNTED RACEWAYS FOR REVIEW AND OBTAIN APPROVAL PRIOR TO INSTALLATION.

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

EXISTING BUILDING

1. ASBESTOS: IF DURING THE COURSE OF WORK THE CONTRACTOR OBSERVES THE EXISTENCE OF ASBESTOS, OR ASBESTOS-BEARING MATERIALS, THE CONTRACTOR SHALL IMMEDIATELY TERMINATE FURTHER WORK ON THE PROJECT AND NOTIFY THE OWNER OF THE CONDITION. THE OWNER WILL, AFTER CONSULTATION WITH THE OWNER'S REPRESENTATIVE, DETERMINE A FURTHER COURSE OF ACTION.

2. ANY DEMOLITION WORK SHOWN WAS PREPARED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER DOES NOT REPRESENT THAT ALL ITEMS WHICH MAY REQUIRE DEMOLITION HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE SITE AND THE CONTRACT DOCUMENTS AND TO PERFORM ALL DEMOLITION AND RECONSTRUCTION WHICH MAY BE REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

3. EXISTING CONDITIONS: INFORMATION SHOWN FOR EXISTING CONDITIONS WAS PRIMARILY GAINED FROM "AS BUILT" DRAWINGS AND/OR LIMITED FIELD INVESTIGATION. BEFORE BID, VISIT SITE TO VERIFY EXISTING CONDITIONS AND MAKE ALLOWANCE FOR VARIATIONS FROM THAT SHOWN.

4 EXISTING CONDUCTORS: INTERCEPT, EXTEND, REROUTE, REPULL CONDUCTORS, SPLICE AND OTHERWISE MODIFY EXISTING CONDUCTORS OF ALL SYSTEMS AS REQUIRED TO MAINTAIN AND/OR ESTABLISH PROPER FUNCTION AND SATISFY DESIGN INTENT. REMOVE ABANDONED CONDUCTORS.

5. EXISTING COMMUNICATIONS, DATA AND CATV AND OTHER LOW VOLTAGE TYPE SYSTEM OUTLET LOCATIONS SHOWN ON THE PLAN TO BE RELOCATED SHALL BE PERFORMED BY THE ELECTRICAL CONTRACTOR. MODIFY EXISTING SYSTEM AS REQUIRED FOR FULL FUNCTION (SAME AS EXISTING) IN NEW LOCATION.

6. WHERE EXISTING BUILDING CONSTRUCTION, MECHANICAL UNITS AND OTHER EQUIPMENT IS SHOWN TO BE REMOVED, DISCONNECT AND REMOVE ALL ASSOCIATED ELECTRICAL INSTALLATION.

7. CLOSELY COORDINATE OUTAGE AND FACILITY DISRUPTION TIME WITH ARCHITECT AND OWNER. MINIMUM 72-HOUR NOTICE IS REQUIRED BEFORE ANY CIRCUIT SHUTDOWN OR DISRUPTION OF FACILITY PERSONNEL FUNCTIONING.

GENERAL DEMOLITION PLAN NOTES

A. REFER TO ARCHITECTURAL DEMOLITION SHEETS FOR ADDITIONAL INFORMATION.

B. EQUIPMENT SHOWN TO BE REMOVED IS SHOWN FOR REFERENCE ONLY. INFORMATION WAS OBTAINED FROM ORIGINAL BUILDING DRAWINGS AND LIMITED FIELD INVESTIGATION AND MAY NOT REPRESENT ALL ELECTRICAL DEMOLITION. FIELD VERIFY CONDITIONS AND DISCONNECT/REMOVE ALL EQUIPMENT AS REQUIRED TO MEET THE INTENT OF THAT SHOWN ON THE LIGHTING AND POWER/SIGNAL DRAWINGS.

C. ALL ELECTRICAL EQUIPMENT SHOWN ON DRAWING (OR REQUIRED) TO BE DEMOLISHED SHALL BE DISCONNECTED, REMOVED AND DISPOSED OF BY ELECTRICAL CONTRACTOR. NO EQUIPMENT (RACEWAYS, BOXES, CABLING, ETC.) SHALL BE ABANDONED IN PLACE AND COVERED BY NEW CONSTRUCTION.

D. CLEAN, REPAIR (AS REQUIRED) AND RELAMP ALL EXISTING LIGHT FIXTURES THAT ARE TO REMAIN AND BE RE-USED TO ASSUME ALL FIXTURE ARE OPERATIONAL UPON COMPLETION OF PROJECT.

E. ANY LIGHT SWITCHES THAT ARE NO LONGER IN USE, WHETHER SHOWN ON THE DEMOLITION PLAN OR NOT, ARE TO HAVE THE DEVICE AND WIRING REMOVED, AND A BLANK COVER PLATE INSTALLED.

F. SCHEDULE ANY OUTAGES WITH OWNER PRIOR TO DE-ENERGIZATION OF ANY BRANCH CIRCUITS OR FEEDERS.

G. DISCONNECTION/REMOVAL OF EXISTING COMMUNICATIONS SYSTEMS COMPONENTS SHALL BE SCHEDULED WITH OWNER AND COORDINATED WITH THEIR VENDORS.

H. SALVAGE ALL REMOVED COMPONENTS (SPEAKERS, GRILLES, TELEPHONE INSTRUMENTS, RADIO HANDSETS, ETC.) SHALL BE SALVAGED TO THE OWNER.

I. INFORMATION SHOWN FOR LOAD DESCRIPTIONS ON EXISTING PANELS WAS GAINED FROM ORIGINAL BUILDING ELECTRICAL PLANS AND SHALL BE FIELD VERIFIED. CONFIRM LOAD ON EACH CIRCUIT OF ALL EXISTING PANELS AND PROVIDE UPDATED TYPEWRITTEN CIRCUIT DIRECTORY (IN PLASTIC SLEEVE) FOR EACH EXISTING PANELBOARD.

J. ANY LOADS REMOVED DURING DEMOLITION SHALL HAVE CONDUCTORS REMOVED BACK TO NEXT REMAINING DEVICE OR TO EXISTING PANELS. ABANDONED BREAKERS SHALL BE LABELED "SPARE".

K. PROVIDE BLANK FILLER PLATES IN DEADFRONTS OF EXISTING PANELBOARDS UPON COMPLETION OF PROJECT WHERE BREAKERS HAVE BEEN REMOVED.

L. PROVIDE NEW PLASTIC, LAMINATED ENGRAVED NAMEPLATES FOR EACH EXISTING PANEL TO MATCH NEW PANELS.

M. REFER TO ARCHITECTURAL PLANS FOR PATCH AND REPAIR REQUIREMENTS.

LIGHTING ACCEPTANCE TESTING

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.

A LISTING OF CERTIFIED ATT CAN BE FOUND AT: HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE.

THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

GENERAL ELECTRICAL NOTES

1. CODE COMPLIANCE: ALL WORK SHALL CONFORM TO AND BE PERFORMED IN ACCORDANCE WITH CODES, STANDARDS, AND ORDINANCES AS SET FORTH BY THE AUTHORITIES HAVING JURISDICTION AND THEIR LATEST ADOPTED EDITIONS (IN EFFECT AT TIME OF BUILDING PERMIT APPLICATION) OF THE FOLLOWING PUBLICATIONS:

   A. CALIFORNIA CODE OF REGULATIONS TITLE 24; INCLUDES 2022 CALIFORNIA ELECTRICAL CODE, 2022 CALIFORNIA FIRE CODE, 2022 CALIFORNIA BUILDING CODE, ETC. WITH LOCAL AMENDMENTS AS APPLICABLE.

   B. AMERICANS WITH DISABILITIES ACT (ADA).

2. SAFETY: THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL EQUIPMENT IN A SAFE AND RESPONSIBLE MANNER. KEEP DEAD FRONT EQUIPMENT IN PLACE WHILE EQUIPMENT IS ENERGIZED. CONDUCT ALL CONSTRUCTION OPERATIONS IN A SAFE MANNER FOR EMPLOYEES AS WELL AS OTHER WORKPERSONS OR ANYONE VISITING THE JOB SITE. PROVIDE BARRIERS, FLAGS, TAPE, ETC. AS REQUIRED FOR SAFETY. THE CONTRACTOR SHALL HOLD ALL PARTIES HARMLESS OF NEGLIGENT SAFETY PRACTICES, WHICH MAY CAUSE INJURY TO OTHERS ON OR NEAR THE JOB SITE.

3. FIRE RATED ASSEMBLIES SHALL MAINTAIN RATINGS AS SPECIFIED IN THE CALIFORNIA BUILDING CODE CHAPTER 7. CONTRACTOR SHALL PROVIDE AND INSTALL PHYSICAL ENCLOSURE AROUND FIXTURES, PANELS, ETC. AS REQUIRED. ALL ASSEMBLIES TO BE PENETRATED SHALL BE INSTALLED WITH APPLICABLE THROUGH-PENETRATION FIRESTOP SYSTEM AS DETERMINED BY UL CLASSIFICATION. BEFORE CONSTRUCTION, VERIFY AND COMPLY WITH REQUIREMENTS OF LOCAL AUTHORITY HAVING JURISDICTION.

4. MOUNTING HEIGHTS SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

   +15" AFF: RECEPTACLES, TELEPHONE, TV & DATA OUTLET BOX. (MEASURED BOTTOM OF OUTLET BOX)
   +44" OR 46" AFF: OUTLET BOX ABOVE COUNTER (MEASURED TOP OF OUTLET BOX).
   +48" AFF: LIGHT SWITCH OUTLET BOX. (MEASURED TOP OF OUTLET BOX)
   +48" AFF: FIRE ALARM MANUAL PULL STATIONS, T-STATS. OUTLET BOX (MEASURED TOP OF OUTLET BOX)
   THE LOWER OF +80" AFF TO BOTTOM OF LENS, OR 6" BELOW CEILING: FIRE ALARM VISUALS.

ELECTRICAL SWITCHES: CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHT AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM. [CBC 11B-308.1.1]

ELECTRICAL RECEPTACLE OUTLETS: ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM [CBC 11B-308.1.2]

BEFORE ROUGH-IN, VERIFY ALL MOUNTING HEIGHTS AND EXACT LOCATIONS FOR ALL EQUIPMENT ELECTRICAL CONNECTIONS, STUB-UPS, RECEPTACLES, OUTLETS, ETC. WITH ARCHITECT OR OWNER. PLACE DEVICES LOCATED ABOVE COUNTERS, SHELVING, ETC. AND IN BATHROOMS SO AS NOT TO CONFLICT WITH EDGES OF WAINSCOTING, COUNTER SPLASH, SHELVING, ETC. ARCHITECTURAL SHEETS SHALL GOVERN.

5. LABEL PANELS, CABINETS, BACKBOARDS, MAIN DEVICES, SAFETY SWITCHES, CONTACTORS AND OTHER SPECIFICALLY DESIGNATED EQUIPMENT SHOWN ON PLANS. USE ENGRAVED LAMINATED PLASTIC NAMEPLATES ATTACHED BY SCREWS OR RIVETS. FOR FEEDERS, NEATLY AND INDELIBLY LABEL CONDUIT DESTINATIONS ON BOTH VISIBLE ENDS OF CONDUIT RUNS WHERE CONDUITS TERMINATE AT DESIGNATED ENCLOSURES, STRUCTURES OR EQUIPMENT (INCLUDING PULL AND SPLICE BOXES).

7. PULLROPES: ANY RACEWAY WITHOUT CABLE OR WIRE SHALL BE INSTALLED WITH MINIMUM 200 POUND TEST PULL LINE AND LARGER IF REQUIRED BY SERVING UTILITY COMPANY. ANY NEW OR EXISTING COMMUNICATION OR SIGNAL RACEWAY ROUTED BETWEEN BUILDINGS, SIGNAL CABINETS, AND/OR SIGNAL CLOSETS WITH FUTURE CAPACITY SHALL BE INSTALLED WITH MINIMUM 200 POUND TEST PULL LINE AS WELL AS THE CALLED FOR CABLE.

8. CONDUIT SHALL NOT BE INSTALLED WITHIN CONCRETE SLABS OR CONCRETE DECKS UNLESS SPECIFICALLY NOTED.

9. MEP COMPONENT ANCHORAGE NOTE
   ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 & 30:

   A. ALL PERMANENT EQUIPMENT AND COMPONENTS.

   B. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. 'PERMANENTLY ATTACHED' SHALL INCLUDE ALL ELECTRICAL CONNECTION EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.

   C. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

   THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

   A. COMPONENTS WEIGHTING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.

   B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

   THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

   MEP DISTRIBUTION SYSTEM BRACING NOTE FOR PIPING, DUCTWORK AND ELECTRICAL CONDUIT

   PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8 AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

   THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16-13

   MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

   MP ☐ MD ☐ PP☐ E☒ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. REFER TO DETAILS ON SHEET E-011.

SHEET LIST - DSA SUBMITTAL

SHEET	NAME
E-001	ELECTRICAL GENERAL NOTES
E-002	ELECTRICAL LEGENDS AND ABBREVIATIONS
E-003	ELECTRICAL SINGLE LINE DIAGRAM
E-004	ELECTRICAL SCHEDULES
E-005	COMMUNICATIONS NOTES, RISER DIAGRAM AND BASIS OF DESIGN
E-011	ELECTRICAL DETAILS
E-021	FIRE ALARM RISER DIAGRAM, CALCULATIONS AND DETAILS
ES-101	OVERALL FIRE ALARM AND COMMUNICATIONS SITE PLAN
ES-102	OVERALL SITE LIGHTING PLAN
ES-103	OVERALL SITE POWER PLAN
ES-104	SITE LIGHTING T24 FORMS
E2-101	BUILDING 200 ELECTRICAL FLOOR PLANS
E2-102	BUILDING 200 LIGHTING FLOOR PLAN
E2-103	BUILDING 200 T24 FORMS
E4-101	BUILDING 400 ELECTRICAL FLOOR PLANS
E5-101	BUILDING 500 ELECTRICAL FLOOR PLANS
E6-101	BUILDING 600 OVERALL ELECTRICAL DEMOLITION FLOOR PLAN
E6-102	BUILDING 600 ENLARGED ELECTRICAL PLANS AT MUSIC CLASS ROOM
E6-103	BUILDING 600 ENLARGED ELECTRICAL DEMOLITION PLANS AT KITCHEN AND SERVERY
E6-104	BUILDING 600 ENLARGED ELECTRICAL PLANS AT KITCHEN AND SERVERY
E6-105	BUILDING 600 ELECTRICAL ROOF PLANS
E6-106	BUILDING 600 T24 FORMS
E6-107	BUILDING 600 T24 FORMS
E7-101	BUILDING 700 ELECTRICAL FLOOR PLANS
E7-102	BUILDING 700 LIGHTING FLOOR PLAN
E7-103	BUILDING 700 T24 FORMS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
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ELECTRICAL GENERAL NOTES

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E-001

DSA SUBMITTAL

8/23/2023 11:35:04 AM
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LEGEND

NOTE: INTERPRET IN CONTEXT

NOTE: SEE GENERAL ELECTRICAL NOTE 4 FOR WIRING DEVICE MOUNTING HEIGHTS

LIGHT FIXTURES

- CEILING SURFACEMOUNT
- WALL SURFACEMOUNT
- PENDANT MOUNT
- RECESSED DOWNLIGHT
- RECESSED WALLWASH
- RECESSED FLUOR.
- SURFACE FLUOR.
- FLUOR. STRIP UON
- TRACK LIGHT
- DIRECTIONAL FLOOD
- EMERGENCY FIXTURE
- POLE LIGHT
- POLE LIGHT- DECORATIVE
- UPLIGHT- FLUSH IN GRADE
- BOLLARD
- TANDEM-WIRED LAMPS
- UNDERCABINET LIGHT
- WALL/SURFACEMOUNT LINEAR TYPE
- PENDANT LINEAR FLUOR.
- RECESSED WALLMOUNT
- WALLPACK
- WALL MOUNTED EXIT LIGHT ON EMERGENCY BRANCH CIRCUIT
- CEILING MOUNTED EXIT LIGHT ON EMERGENCY BRANCH CIRCUIT (ARROW INDICATES DIRECTION)
- A — LETTER ADJACENT INDICATES FIXTURE TYPE
- AE — SHADED LIGHT SYMBOL & "EM"/(EM) DESIGNATION INDICATE EMERGENCY FIXTURE ON EMERGENCY BRANCH CIRCUIT

MISCELLANEOUS

- MOTOR
- THERMOSTAT
- CIRCUIT BREAKER
- FUSIBLE SWITCH
- GROUND
- Ø PHASE
- PUSHBUTTON
- FLUSHMOUNT PANEL
- SURFACEMOUNT PANEL
- FLUSHMOUNT CABINET
- SURFACEMOUNT CABINET
- TRANSFORMER
- DAM — DAMPER MOTOR
- H — HUMIDISTAT
- M — MAGNETIC CONTACTOR
- COMBINATION STARTER
- JMC — ABOVE-CLG J-BOX FOR MECHANICAL CONTROL POWER
- EMERG. NOTIFICATION DOME LT.
- T — LOW VOLTAGE TRANSFORMER
- GROUND BUS BAR

POWER.

- TAMPERPROOF DUPLEX RECEPTACLE
- TAMPERPROOF DOUBLE DUPLEX RECEPTACLE
- (GFCI) GROUND FAULT CURRENT INTERRUPTER DUPLEX
- MOUNT ABOVE COUNTER PER DETAIL 11/E-502
- WP — MOUNT AT +48" MEASURED TO TOP OF BOX.
- WP — NEMA 3R COVER (BELL # 1503 OR ENGINEER APROVED EQUAL).
- 208V RECEPTACLE
- WIU — WHILE-IN USE NEMA 3R COVER (TAYMAC #MX4280S OR ENGINEER APROVED EQUAL), UON.
- FLOOR MOUNTED OUTLET
- "CONTROLLED" DUPLEX RECEPTACLE PER 2022 CA ENERGY CODE REQUIREMENTS 130-5 "CIRCUIT CONTROLS FOR 120V RECEPTACLES"
- (1)CONTROLLED DUPLEX RECEPTACLE AND (1) DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE. REMOVE BREAK-OFF TAB. TOP OUTLET IS CONTROLLED AND BOTTOM OUTLET IS UN-CONTROLLED. CONTROLLED OUTLET SHALL HAVE A PERMANENT MARKING TO DIFFERENTIATE THEM FROM UNCONTROLLED OUTLET PER 2022 CA ENERGY CODE REQUIREMENTS.
- D — DEDICATED OUTLET
- C — CEILING MOUNTED OUTLET
- SPD — SURGE PROTECTION DEVICE
- SFD — SMOKE FIRE DAMPER
- J — JUNCTION BOX

NOTE (CR):
- CONTROLLED RECEPTACLES SHALL BE PERMANENTLY MARKED PER CENC 130.5 (TITLE 24).
- WHERE A DUPLEX IS NOTED TO BE CONTROLLED, 'SPLIT-WIRED', SO THE TOP OUTLET SHALL BE SWITCHED AND THE BOTTOM OUTLET SHALL BE UNSWITCHED.
- WHERE A DOUBLE DUPLEX IS NOTED TO BE CONTROLLED, ONE OF THE DUPLEX RECEPTACLES SHALL BE CONTROLLED AND THE OTHER DUPLEX RECEPTACLE SHALL BE UNSWITCHED.

SWITCHES

- $ — SPST
- $2 — DPST
- $3 — 3-WAY
- $4 — 4-WAY
- $D — DIMMER
- $ — TIMER SWITCH
- $T — W/THERMAL OVERLOAD
- $P — W/PILOT LIGHT
- $K — KEY OPERATED
- $$ — DUAL LEVEL SWITCHING
- ,a — SWITCHLEG DESIGNATION

CONVENTIONS

- X — NUMBERED SHEET NOTES: REFERS TO NOTES ON SAME SHEET AS REFERENCED
- 1 / - — DETAIL REFERENCE: -DETAIL DESIGNATION -SHEET NUMBER REFERENCE
- 3103 — FEEDER SCHEDULE DESIGNATION (EXAMPLE: 3103 = 310 AMPERE, 600V, 3 CURRENT CARRYING CONDUCTORS,: "CO14" INDICATES CONDUIT ONLY, QUANTITY (1) AND SIZE (4")).
- UNIT # — HVAC EQUIPMENT TAG
- PLUMB-1 — PLUMBING EQUIPMENT TAG

NOTE:
FIELD VERIFY EXACT HEIGHTS OF ALL DEVICES WITH DISTRICT PRIOR TO ROUGH IN.

CONDUIT/WIRE

- NEW
- UNDERGROUND
- NEW POWER HOMERUN (3 HOTS & NEUT SHOWN)
- ISOLATED GROUND
- E — EXISTING TO REMAIN
- (E) POWER HOMERUN
- WIRE LINE- CONTINUES
- 3 • — CONDUIT STUB (W/MARKER)
- VERTICAL CONDUIT RUN
- CONDUIT SEAL
- FLEXIBLE CONNECTION
- LV — LOW VOLTAGE
- SURFACEMOUNT RACEWAY
- INDICATES LINE CONTINUES
- CORD W/PLUG

SOUND/CLOCK

- S — SPEAKER- CLG FLUSHMOUNT
- S — SPEAKER- WALLMOUNT
- M — MICROPHONE INPUT
- A — AUXILIARY INPUT
- IC — INTERCOM, WALL MOUNT
- HS — HEADSET OUTLET
- V — VOLUME CONTROL
- V S — SPEAKER- CLG FLUSHMOUNT VANDAL-RESISTANT
- C S — CLOCK/SPEAKER WALLMOUNT SEMI-FLUSH
- P PRJ — PROJECTOR

LIGHTING CONTROL LEGEND

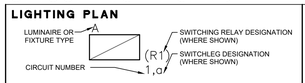
- $ DS DT — WALL SWITCH OCCUPANCY SENSOR, SINGLE BUTTON, DUAL TECHNOLOGY (SENSOR SWITCH #WSD-PDT)
- $ DS a,b — WALL SWITCH OCCUPANCY SENSOR, 2-BUTTON, DUAL TECHNOLOGY (SENSOR SWITCH #WSD PDT 2P)
- $ DS — WALL SWITCH OCCUPANCY SENSOR, 2-BUTTON, PASSIVE INFRARED (SENSOR SWITCH #WSX)
- DS — CEILING MOUNTED OCCUPANCY SENSOR EXTENDED RANGE 360 DEGREES LINE VOLTAGE, DUAL TECHNOLOGY. (SENSOR SWITCH #CMR PDT 10)
- LV DS — CEILING MOUNTED OCCUPANCY SENSOR 360 DEGREES LOW VOLTAGE, DUAL TECHNOLOGY. (SENSOR SWITCH #CM PDT 10)
- $ D — 0-10V WALL DIMMING (SYNERGY #ISD BC) PHASE DIMMING WALL (SYNERGY #ISD ADEZ)
- $ 3 — 3-WAY SWITCH
- $ 4 — 4-WAY SWITCH
- $ — SINGLE POLE SINGLE THROW (SPST) SWITCH
- $ F/L — CEILING FAN/LIGHT CONTROL (LUTRON MAESTRO #MA-LFQHW)
- $ TS — 0-60MINUTE DIGITAL TIMER (SENSOR SWITCH #PTS)
- $ K — KEY OPERATED LOCKING SWITCH (HUBBELL #HBL1221L)
- $ nD — nLIGHT SINGLE CHANNEL WITH DIMMING CONTROLS (nLIGHT NPODM 2P DX)
- $ n2D — nLIGHT 2 CHANNELS WITH DIMMING CONTROLS (nLIGHT NPODM 2P DX)
- $ n4D — nLIGHT 4 CHANNELS WITH DIMMING CONTROLS (nLIGHT NPODM 4P DX)
- $ nOSD — nLIGHT 1-POLE WALL SWITCH OCCUPANCY SENSOR, DUAL TECHNOLOGY, LOW VOLTAGE, DIMMING CONTROL (#nWSX PDT LV DX)
- nCM PC — nLIGHT LOW VOLTAGE DUAL TECHNOLOGY CEILING MOUNT 360° OCCUPANCY SENSOR WITH DAYLIGHT HARVESTING (#nCM PDT 10 ADC)
- nCM — nLIGHT LOW VOLTAGE DUAL TECHNOLOGY CEILING MOUNT 360° OCCUPANCY SENSOR (#nCM PDT 10)
- nPH — nLIGHT 0-10V DIMMING POWERPACK TO DIMM FIXTURES (nPP16D) REFER TO MANUFACTURER WIRING DIAGRAM.
- nPH T24 — nLIGHT POWER PACK FOR CONTROLLED RECEPTACLES (nPP16 PLT24). REFER TO MANUFACTURER WIRING DIAGRAM.
- PH EM — POWER PACK WITH SHUNT RELAY FOR CONTROL OF EMERGENCY LIGHTING / LIGHTING BRANCH CIRCUIT. REFER TO MANUFACTURER WIRING DIAGRAM.
- LIGHTING POWER BRANCH CIRCUIT
- CONTROL CABLE, CAT 5 LOW VOLTAGE PER SYSTEM REQUIREMENTS ABOVE T-BAR CEILING. IN 1" CONDUIT IF EXPOSE.
- LOW VOLTAGE PER SYSTEM REQUIREMENTS IN 1/2" CONDUIT

ABBREVIATIONS

0-10V	ZERO TO TEN VOLT CONTROL
A	AMPERE
AB	AMP BREAKER
ABAND	ABANDONED
ABV	ABOVE
AC	ALTERNATING CURRENT
AC-#	AIR CONDITIONER
ADJ	ADJACENT
AF	AMP FUSE, AMP FRAME
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AIC	AMPERES INTERRUPTING CAPACITY
AI	ALUMINUM
AS	AMP SWITCH RATING
ATS	AUTOMATIC TIME SWITCH
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIBLE/AUDIO VISUAL
AWG	AMERICAN WIRE GAGE
BFG	BELOW FINISH GRADE
BIL	BASIC IMPULSE LEVEL
BLDG	BUILDING
C	CONDUIT
-C-	CATV CONDUIT
CABT	CABINET
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER, CODE BLUE
CBC	CA. BUILDING CODE
CEC	CA. ELECTRICAL CODE
	CA. ENERGY COMMISSION
CF	COMPACT FLUORESCENT
CFC	CALIFORNIA FIRE CODE
CLG	CEILING
CL	CENTER LINE
CKT	CIRCUIT
CNT'R	CONTRACTOR
C.O.	CONDUIT ONLY (W/PULLROPE)
COND	CONDUIT, CONDUCTOR
CR	CRITICAL BRANCH
CSFM	CALIFORNIA SFM
CT	CURRENT TRANSFORMER
Cu	COPPER
CU-#	CONDENSING UNIT
D	DEPTH
DC	DIRECT CURRENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DISC	DISCONNECT
DIST	DISTRIBUTION
DPST	DOUBLE POLE SINGLE THROW
DSA	DIVISION OF STATE ARCHITECT
DW	DISHWASHER
EM	EMERGENCY
(E)	EXISTING
EA	EACH
EB	ELECTRONIC BALLAST
EC	ELECTRICAL CONTRACTOR
EC-#	EVAPORATIVE COOLER
EF-#	EXHAUST FAN
EL	EVENING LIGHT
ELEC	ELECTRICAL
EM	EMERG BATTERY BACKUP
EMB	EMERGENCY BALLAST
EMERG	EMERGENCY
EOL	END OF LINE
EQUIPT	EQUIPMENT
ES	ENERGY SAVING
(EXN)	(E) IN (N) LOCATION
(EXR)	(E) TO BE (R)
EXT	EXTERIOR
F	FLUORESCENT
(F)	FUTURE
F-#	FURNACE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FAT	FIRE ALARM TERMINAL
FAU	FORCED AIR UNIT
FBO	FURNISHED BY OTHERS
FC-#	FAN COIL
FLA	FULL LOAD AMPS
FLR	FLOOR
FLUOR	FLUORESCENT
FS	FUSIBLE SWITCH
FVNR	FULL VOLTAGE NON-REVERSING
G	GROUND FAULT CIRCUIT INTERRUPTER
GC	GENERAL CONTRACTOR
GD	GARBAGE DISPOSAL
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRS	GALVANIZED RIGID STEEL
GWS	GANG WITH SWITCH
H	HEIGHT, HIGH
HACR	HEATING, AC & REFRIG
HID	HIGH INTENSITY DISCHARGE
HO	HIGH OUTPUT
HOA	HAND-OFF-AUTO
hp	HORSEPOWER
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
IC	INTERCOM
ID	IDENTIFICATION
IF	INSIDE FROST
IG	ISOLATED GROUND
J-BOX	JUNCTION BOX
k	QUANTITY 1000
kVA	KILOVOLTAMPS
kW	KILOWATT
LC	LIGHTING CONTACTOR
LCP	LIGHTING CONTROL PANEL
LRA	LOCKED ROTOR AMPS
LS	LIFE SAFETY BRANCH
LT	LIGHT
LTG	LIGHTING
LV	LOW VOLTAGE
M	MOUNT OUTLET ABOVE COUNTER
MCA	MINIMUM CKT AMPS
MCB	MAIN CIRCUIT BREAKER
MCTB	MAIN CATV TERMINAL BOARD
MCTC	MAIN CATV TERMINAL CABINET
MECH	MECHANICAL
MFR	MANUFACTURER
MFS	MAIN FUSIBLE SWITCH
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OCP
MSB	MAIN SWITCHBOARD
MT	MOUNT
MT HT	MOUNTING HEIGHT
MTS	MANUAL TRANSFER SWITCH
MTTB	MAIN TELEPHONE TERMINAL BOARD
MTTC	MAIN TELEPHONE TERMINAL CABINET
MW	MICROWAVE
N	NEUTRAL (GROUNDED CONDUCTOR)
(N)	NEW
N3R	NEMA 3R
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NAT'L ELEC MANUFACTURER'S ASSOC
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NPF	NORMAL POWER FACTOR
NTS	NOT TO SCALE
OC	ON CENTER
OCP	OVERCURRENT PROTECTION
OD	OUTSIDE DIAMETER
OFO1	OWNER FURNISHED OWNER INSTALLED
OH	OVERHEAD
OSHPD	OFFICE of STATEWIDE HEALTH PLANNING & DEVELOPMENT
OVLD	OVERLOAD
P	POLE
PA	PUBLIC ADDRESS
PB	PULLBOX
PC	PULL CHAIN
PC	PHOTOCELL
PC	PLUMBING CONTRACTOR
ph	PHASE
PNL	PANEL
POC	POINT OF CONNECTION
PRJ	PROJECTOR
-PS-	POWER SECONDARY
PV	PHOTOVOLTAIC
(R)	RELOCATE(D)
RECEPT	RECEPTACLE
REF	REFRIGERATOR
REX	REQUEST TO EXIT
REQ'D	REQUIRED
RLA	RATED LOAD AMPS
RM	ROOM
RMC	RIGID METAL CONDUIT
RMV	REMOVE
RPLC	REPLACE
RPS	REMOTE POWER SUPPLY
SC	SIGNAL CABINET
SCC	SHORT CKT CURRENT
SFM	STATE FIRE MARSHAL
SHT	SHEET
SL	SLIMLINE, SWITCH LEG
SPEC	SPECIFICATION
SPD	SURGE PROTECTION DEVICE
SPST	SINGLE POLE SINGLE THROW
STR'G	STORAGE
SURF	SURFACE
SVC	SERVICE
SW	SWITCH
T	TRANSFORMER, TERMINAL
-T-	TELEPHONE CONDUIT
(TBR)	TO BE REMOVED
TC	TIME CLOCK
TEL	TELEPHONE
TELCO	TELEPHONE COMPANY
TP	TAMPER PROOF (TAMPER RESISTANT)
TS	TIME SWITCH
TSO	TIME SWITCH OVERRIDE
TSP	TWISTED SHIELDED PAIR
TTB	TELEPHONE TERMINAL BOARD
TTC	TELEPHONE TERMINAL CABINET
TX	TRANSFORMER
TYP	TYPICAL
TYP SIM	TYPICAL SIMILAR
UC	UNDERCABINET, UNDERCOUNTER
UG	UNDERGROUND
UGPS	UNDERGROUND PULL SECTION
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
USA	UG SVC ALERT 800-642-2444
V	VOLT
VA	VOLT AMPERES
VAC	VOLT ALTERNATING CURRENT
VOLT	VOLTAGE
VR	VANDAL-RESISTANT
W	WIDTH, WATT, WIRE
WH-#	WATER HEATER
WIU	WHILE IN USE
WP	WEATHERPROOF (NEMA 3R)
XFMR	TRANSFORMER
+48	INDICATES MOUNTING HEIGHT AFF

CIRCUITING LEGEND

LIGHTING PLAN



- PROVIDE ALL BRANCH CIRCUIT WIRING FROM FIXTURES TO PANEL(S) AS DESCRIBED BY CIRCUIT NUMBERS SHOWN.
- BRANCH CIRCUITS SHALL HAVE A SEPARATE NEUTRAL .
- PROVIDE ALL WIRING BETWEEN FIXTURES AND CONTROL DEVICES AND/OR LOW VOLTAGE CONTROL CABLING AS DESCRIBED IN REFERENCE NOTES AND/OR SHOWN BY SWITCHLEG DESIGNATIONS.
- FLEXIBLE CONDUIT WHIPS, MAY BE USED TO CONNECT LIGHTS TO JUNCTION BOX.
- BRANCH WIRING WITHIN ROOM SHALL BE 3/4" CONDUIT MINIMUM,WITH MAX. 40% FILL INCLUDING HOTS, SWITCH LEGS AND 0-10V CONDUCTORS.
- HOME RUN CONDUITS SHALL BE 3/4" CONDUIT MINIMUM, MAXIMUM OF (3) BRANCH CIRCUITS PER CONDUIT.

NOTE:
FOR CLARIFICATION, SOME HOMERUNS HAVE NOT BEEN SHOWN ON THE DRAWINGS, CONTRACTOR TO PROVIDE ALL REQUIRED HOMERUNS, REFER TO SINGLE LINE DIAGRAMS AND PANEL SCHEDULES FOR ALL CONDUCTORS SIZES.

POWER PLAN

- PROVIDE ALL BRANCH CIRCUIT WIRING FROM DEVICES TO PANELS PER DESIGNATIONS/CIRCUIT NUMBERS.
- BRANCH CIRCUITS SHALL HAVE A SEPARATE NEUTRAL .
- HOME RUN CONDUITS SHALL BE 3/4" MINIMUM, MAXIMUM OF (3) BRANCH CIRCUITS PER CONDUIT.

NOTE: SEE GENERAL ELECTRICAL NOTE 4 FOR WIRING DEVICE MOUNTING HEIGHTS

NOTE:
FOR CLARIFICATION, SOME HOMERUNS HAVE NOT BEEN SHOWN ON THE DRAWINGS, CONTRACTOR TO PROVIDE ALL REQUIRED HOMERUNS, REFER TO SINGLE LINE DIAGRAMS AND PANEL SCHEDULES FOR ALL CONDUCTORS SIZES.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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ELECTRICAL LEGENDS AND ABBREVIATIONS

NO.	REVISION	DATE
1		
2		
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4		
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E-002

8/23/2023 11:35:04 AM
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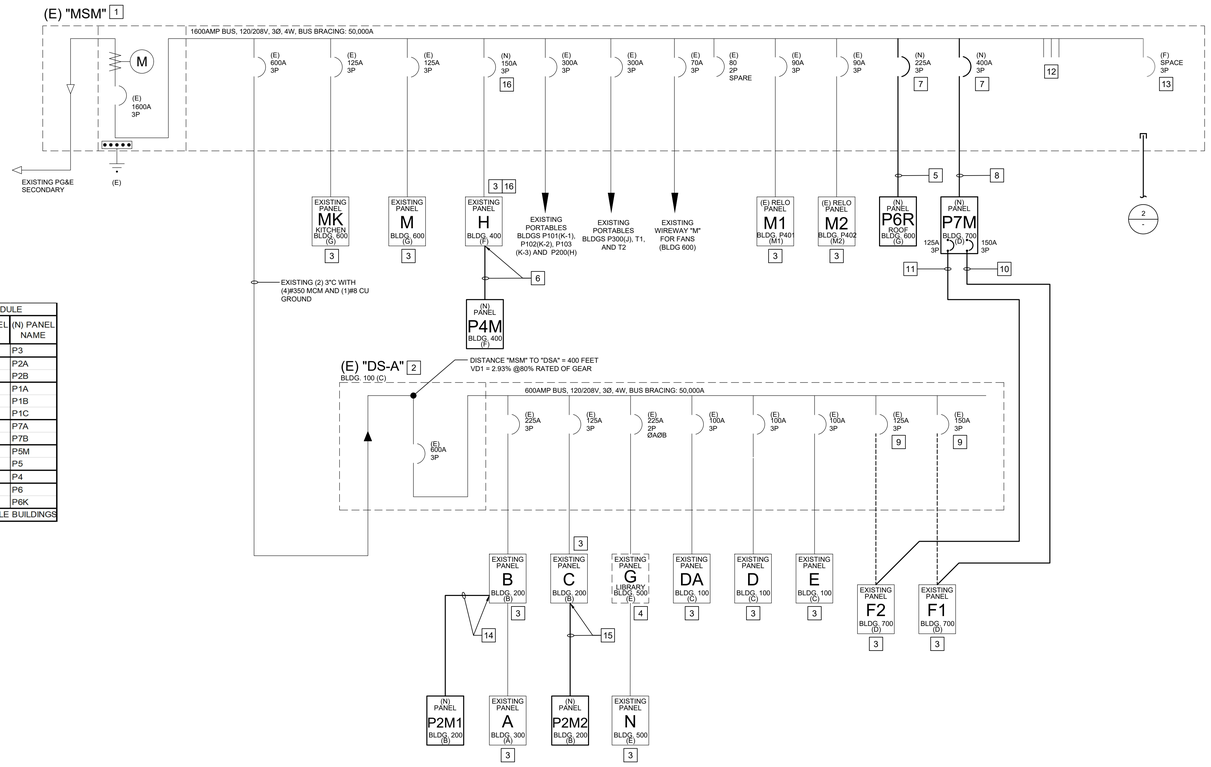


PANEL RENAME SCHEDULE			
(E) BLDG.	(N) BLDG.	(E) PANEL NAME	(N) PANEL NAME
A	300	A	P3
B	200	B	P2A
		C	P2B
C	100	D	P1A
		DA	P1B
		E	P1C
D	700	F1	P7A
		F2	P7B
E	500	G	P5M
		N	P5
F	400	H	P4
G	600	M	P6
		MK	P6K

* DOES NOT INCLUDE PORTABLE BUILDINGS

1 PARTIAL SINGLE LINE DIAGRAM

NTS

☐ REFERENCE NOTES

1. EXISTING MAIN SWITCHBOARD LOCATED NEAR THE MULTI-PURPOSE BUILDING.
2. EXISTING DISTRIBUTION BOARD LOCATED AT BUILDING "C" INSIDE ELECTRICAL ROOM.
3. EXISTING PANEL TO REMAIN. RE-LABEL PANEL PER PANEL NAMING SCHEDULE ON THIS SHEET.
4. EXISTING PANEL TO BE REPLACED WITH NEW. RE-LABEL PANEL PER PANEL NAMING SCHEDULE ON THIS SHEET. SEE PANEL SCHEDULE ON SHEET E-004.
5. NEW 3"C WITH (4)#4/0 THWN AND (1)#4 CU GROUND.
6. NEW 2"C WITH (4)#1 THWN AND (1)#6 CU GROUND. REMOVE AND SALVAGE THE EXISTING CIRCUIT BREAKERS AT H-6,8,10 TO THE OWNER, AND REPLACE WITH NEW 125A/3P BREAKER COMPATIBLE WITH EXISTING PANEL "H".
7. NEW CIRCUIT BREAKER SIZED AS NOTED. PROVIDE CONNECTOR KIT AS REQUIRED FOR MOUNTING NEW CIRCUIT BREAKER WITHIN EXISTING SIEMENS SWITCHBOARD.
8. NEW (1) 4"C WITH (4) #600 KCMIL THWN & (1) #2 GND. PROVIDE ADDITIONAL (1) 4" SPARE CONDUIT FROM "MSM" TO PANEL "P7M".
9. EXISTING FEEDER TO BE REMOVED. LABEL BREAKER "SPARE".
10. PROVIDE NEW (1) 2"C WITH (4) #1/0 THWN AND (1) #5 GND. TO EXISTING PANEL.
11. PROVIDE NEW (1) 1-1/2"C WITH (4) #1 THWN AND (1) #5 GND. TO EXISTING PANEL.
12. EXISTING BUSSED SPACE.
13. RESERVE THREE POLE BREAKER SPACE AT THE OPPOSITE END OF THE BUS FROM THE MAIN BREAKER FOR FUTURE SOLAR. MAXIMUM CIRCUIT BREAKER SIZE TO BE LESS THAN 320A IN COMPLIANCE WITH CEC 705.12(B)(3)(2).
14. NEW 1-1/2"C WITH (4)#2 THWN AND (1)#6 CU GROUND. INTERCEPT AND EXTEND EXISTING BRANCH CIRCUITS B-37,39, AND 41 AND EXTEND TO NEW PANEL "P2M1". REMOVE AND SALVAGE CIRCUIT BREAKERS AT B-37,39,41 TO THE OWNER, AND REPLACE WITH NEW 100A/3P BREAKER COMPATIBLE WITH EXISTING PANEL "B".
15. NEW 1-1/2"C WITH (4)#2 THWN AND (1)#6 CU GROUND. REMOVE AND SALVAGE THE EXISTING CIRCUIT BREAKERS AT C-17,19,21 TO THE OWNER, AND REPLACE WITH NEW 100A/3P BREAKER COMPATIBLE WITH EXISTING PANEL "C".
16. REPLACE EXISTING 125A/3P MAIN CIRCUIT BREAKER WITH NEW 150A/3P TO MATCH EXISTING PANEL.

GENERAL NOTES

1. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION UNLESS OTHERWISE NOTED.
2. ALL SWITCHES, CIRCUIT BREAKERS AND OTHER EQUIPMENT, AS SPECIFIED, SHALL HAVE TERMINATION PROVISIONS LISTED AND IDENTIFIED FOR USE WITH 75 DEG. CONDUCTORS, AND ALL FEEDER CONDUCTORS, AND CONDUITS, ARE SIZE BASED ON USE OF 75 DEG. C COPPER WIRES TYPE THWN/THHN.
3. ALL EQUIPMENT SHALL HAVE AN APPROVED TESTING LABORATORY LABEL ATTACHED [UL, CSA, ETC.] (CEC 110-2).
4. EXISTING SWITCHBOARD IS A SIEMENS SO #60-35590-C00-010.

(E) "DS-A" LOAD-CALC:
(E) "DS-A" LOAD:
30-DAY LOAD RECORDING (9/21/2023 THRU 10/21/2023) = 150 A

+ADDITIONAL 25% OF "DS-A" DEMAND = 187.5 A
(PER CEC 220.87(2))

ADDED LOADS (BUILDING A MECHANICAL)
BUILDING A MECHANICAL + 18.550 KVA
BUILDING B MECHANICAL + 48.672 KVA
BUILDING E MECHANICAL + 29.749 KVA

TOTAL = 96.971 KVA
= 269.17 A

"DS-A" NEW CALCULATED LOAD = 456.67 A @ 120/208V, 3PH

THE CALCULATED LOAD ON "DS-A" AFTER THE ADDITION OF LOAD DOES NOT EXCEED THE RATING OF THE PANELBOARD (600A). "DS-A" HAS ADEQUATE CAPACITY TO SERVE THE ADDED LOAD.

(E) "MSM" LOAD-CALC:
(E) "MSM" LOAD:
PG&E 12-MONTH MAX DEMAND (BASED ON PHASE 1B LOADS) = 200.2 KVA

ADDED LOADS:
PANEL "DS-A" ADDED LOAD + 96.971 KVA
BUILDING D MECHANICAL + 55.729 KVA
BUILDING F MECHANICAL + 33.737 KVA
BUILDING G MECHANICAL + 80.773 KVA

'MSM' NEW CALCULATED LOAD = 467.41 KVA
1,297 A @ 120/208V, 3PH

THE CALCULATED LOAD ON "MSM" AFTER THE ADDITION OF LOAD DOES NOT EXCEED THE RATING OF THE SERVICE SWITCHBOARD (1600A). "MSM" HAS ADEQUATE CAPACITY TO SERVE THE ADDED LOAD.

PV and Battery Storage Calculator (Based on CEC 2025)								
Space Type:	Conditioned Floor Area (CFA)	PV Capacity Factor 'A' (Per Table 140.10-A)	PV kW-DC		BESS Capacity Factor 'B' (Per Table 140.10-B)	Factor 'C': Rated single charge-discharge cycle AC to AC efficiency	kWh-batt	kW-batt
Phase 3 CR	9700	1.27	12.32		2.38	80%	25.81	6.45
			-				-	-
TOTAL			12.32				25.81	6.45

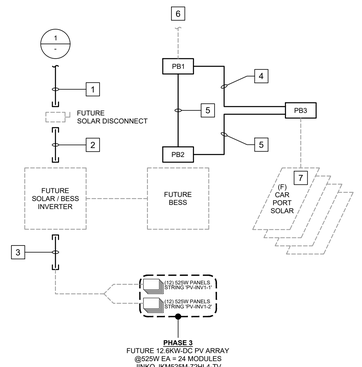
Table 140.10-A – PV Capacity Factors (W/ft² of conditioned floor area)

Building Type	CZ 1	CZ 2	CZ 3	CZ 4	CZ 5	CZ 6	CZ 7	CZ 8	CZ 9	CZ 10	CZ 11	CZ 12	CZ 13	CZ 14	CZ 15	CZ 16
Events & Exhibits	3.48	4.28	3.66	4.32	3.77	4.05	4.28	4.83	4.63	4.80	5.04	4.44	4.95	4.35	5.48	3.38
Library	0.39	3.33	2.53	3.25	2.48	3.24	3.04	3.49	3.32	3.69	3.79	3.32	3.79	3.37	4.49	2.84
Hotel/Motel	1.69	1.90	1.66	1.97	1.69	1.87	1.94	2.32	2.09	2.30	2.30	2.05	2.30	2.02	2.72	1.73
Office, Financial Institution, Unleased Tenant Space	2.59	3.13	2.59	3.13	2.59	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.80	2.59
Restaurants	8.55	9.32	8.16	9.65	8.21	8.73	9.11	10.18	9.75	10.28	10.85	9.73	10.69	9.73	12.25	8.47
Retail, Grocery	3.14	3.49	3.01	3.61	3.05	3.27	3.45	3.83	3.65	3.81	4.09	3.64	3.99	3.71	4.60	3.21
School	1.27	1.63	1.27	1.63	1.27	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	2.46	1.27
Warehouse	0.39	0.44	0.39	0.44	0.39	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.58	0.39
Religious Worship	4.25	4.65	3.49	4.52	3.72	4.29	4.64	5.89	5.30	5.67	5.89	4.99	5.78	4.63	7.57	3.90
Sports & Recreation	2.47	1.97	1.54	2.03	1.60	1.84	1.98	2.63	2.47	2.60	2.75	2.20	2.72	2.15	4.03	1.85
Multifamily > 3 stories	1.82	2.21	1.82	2.21	1.82	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.77	1.82

Table 140.10-B –BESS Capacity Factors (Wh/ft² of conditioned floor area)

Building Type	CZ 1	CZ 2	CZ 3	CZ 4	CZ 5	CZ 6	CZ 7	CZ 8	CZ 9	CZ 10	CZ 11	CZ 12	CZ 13	CZ 14	CZ 15	CZ 16
Events & Exhibits	1.82	1.95	1.74	2.12	1.51	2.13	2.14	2.30	2.36	2.47	2.62	2.18	2.64	2.68	3.22	1.83
Library	0.37	2.17	5.07	0.75	5.64	6.08	6.19	7.13	7.18	7.56	7.17	6.93	6.88	6.81	7.93	6.40
Hotel/Motel	0.86	0.84	0.77	0.92	0.81	0.89	0.90	1.01	1.00	1.11	1.14	0.96	1.18	1.18	1.49	0.85
Office, Financial Institution, Unleased Tenant Space	NR	5.26	4.35	5.26	4.35	5.26	5.26	5.26	5.26	5.26	5.26	5.26	5.26	5.26	6.39	4.35
Restaurants	4.36	4.11	3.78	4.37	3.89	4.02	4.11	4.49	4.47	4.82	5.05	4.43	5.01	5.24	6.23	4.11
Retail, Grocery	1.89	1.82	2.70	1.82	3.72	1.80	3.76	1.92	3.97	2.05	2.22	1.95	2.16	2.29	2.66	1.91
School	NR	3.05	2.38	3.05	2.38	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	4.60	2.38
Warehouse	0.37	0.41	0.37	0.41	0.37	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.54	0.37
Religious Worship	2.21	2.25	3.74	2.42	2.08	2.25	2.94	3.37	3.17	3.37	3.58	2.72	3.62	3.21	4.89	2.37
Sports & Recreation	1.26	0.98	0.76	1.14	0.86	1.20	1.23	1.57	1.53	1.65	1.83	1.27	1.86	1.57	3.02	1.13
Multifamily > 3 stories	1.88	2.27	1.88	2.27	1.88	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.85	1.88

PHASE 3 TITLE 24 CA ENERGY CODE SOLAR AND BESS SYSTEM SIZE CALCULATION



2 FUTURE SOLAR SINGLE LINE DIAGRAM

NTS

☐ REFERENCE NOTES

1. NEW (1) 2" C.O. STUB BETWEEN "MSM" AND FUTURE SOLAR DISCONNECT LOCATION. SEE SHEET E6-105.
2. NEW (1) 2" C.O. STUB BETWEEN FUTURE SOLAR DISCONNECT AND FUTURE INVERTER LOCATION. SEE SHEET E6-105.
3. NEW (1) 2" C.O. STUB BETWEEN FUTURE INVERTER LOCATION AND FUTURE SOLAR PANELS. SEE SHEET E6-105.
4. NEW (3) 4" C.O. AND (1) 3" C.O. STUBS BETWEEN PULL BOXES FOR FUTURE SOLAR AND ELECTRIC VEHICLE CHARGING. SEE SHEET ES-103.
5. NW (2) 2" C.O. STUBS BETWEEN PULL BOXES FOR FUTURE SOLAR AND BESS INTERCONNECTION. SEE SHEET ES-103.
6. FUTURE CONDUITS TO "MSM" FOR EV CHARGING LOADS AND LINE SIDE TAP FOR SOLAR INTERCONNECTION.
7. FUTURE CARPORT SOLAR.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

ELECTRICAL SINGLE LINE DIAGRAM

NO.	REVISION	DATE
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△		
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PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E-003

DSA SUBMITTAL

8/23/2023 11:35:04 AM
C:\Users\vpelayo\Documents\PBHS-Central-22_vpelayo@rrmdesign.com.rvt

K:\ENG\2025\25-8022\25-8022_-_E-003_ELECTRICAL SINGLE LINE DIAGRAM.dwg - creyes - Dec 12, 2025 - 2:34pm

(N) PANEL P2M1

BUS RATING: 100 120/208V, 3PH, 4W
MAIN: 100 MAIN CIRCUIT BREAKER
SPACES: 24 FULL SIZE BOLT-ON CB SPACES
AIC RATING: 10 KAIC PANEL

SURFACE MOUNT, NEMA 1
LOCATION: BUILDING 200 (B)
WITH EQUIPMENT GND BUS

CKT %VD	DIST (FT)	NOTES	LOAD TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	PHASE A	PHASE B	PHASE C	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT %VD
			M	1	HPC-2.4	30	2	10	2800 406			12	2	15	FC-2.8	2	M			
			M	3	"			10		2800 406		12			"	4	M			
			M	5	HPC-2.5	30	2	10			2800				SPACE	6				
			M	7	"			10	2800						SPACE	8				
			M	9	HPC-2.6	30	2	10		2800					SPACE	10				
			M	11	"			10			2800				SPACE	12				
			M	13	HPC-2.8	40	2	8	3952						SPACE	14				
			M	15	"			8		3952					SPACE	16				
				17	SPACE										SPACE	18				
	8			19	(E) LOAD FROM B-37	20	1	12							SPACE	20				
	8			21	(E) LOAD FROM B-39	20	1	12							SPACE	22				
	8			23	(E) LOAD FROM B-41	20	1	12			175	12	1	20	EMERGENCY EGRESS LIGHTING INVERTER "INV2"	24	L			
									9558	9558	5375									
									0	0	44									
									0	0	0									
									9558	9558	5419									
									80	80	45									

CON: 9558 9558 5375
25%: 0 0 44
SUB: 0 0 0
TOT: 9558 9558 5419
AMPS 80 80 45

LOAD (VA) LOAD TY PE LEGEND
0 R RECEPTACLE
175 L LIGHTING (125% OF CONNECTED LOAD CEC 215.2)
24315.2 M MECHANICAL
0 K KITCHEN APPLIANCE
0 N NON-CONTINUOUS MISC.
0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD CEC 215.2)

(N) PANEL P2M2

BUS RATING: 100 120/208V, 3PH, 4W
MAIN: 100 MAIN CIRCUIT BREAKER
SPACES: 24 FULL SIZE BOLT-ON CB SPACES
AIC RATING: 10 KAIC PANEL

SURFACE MOUNT, NEMA 1
LOCATION: BUILDING 200 (B)
WITH EQUIPMENT GND BUS

CKT %VD	DIST (FT)	NOTES	LOAD TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	PHASE A	PHASE B	PHASE C	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT %VD
			M	1	HPC-2.1	30	2	10	2800 406			12	2	15	FC-2.7	2	M			
			M	3	"			10		2800 406		12			"	4	M			
			M	5	HPC-2.2	30	2	10			2800				SPACE	6				
			M	7	"			10	2800						SPACE	8				
			M	9	HPC-2.3	30	2	10		2800					SPACE	10				
			M	11	"			10			2600				SPACE	12				
			M	13	HPC-2.7	40	2	8	3952						SPACE	14				
			M	15	"			8		3952					SPACE	16				
				17	SPACE										SPACE	18				
				19	SPACE										SPACE	20				
				21	SPACE										SPACE	22				
				23	SPACE										SPACE	24				
									9558	9558	5200									
									0	0	0									
									9558	9558	5200									
									80	80	43									

CON: 9558 9558 5200
25%: 0 0 0
SUB: 0 0 0
TOT: 9558 9558 5200
AMPS 80 80 43

LOAD (VA) LOAD TY PE LEGEND
0 R RECEPTACLE
0 L LIGHTING (125% OF CONNECTED LOAD CEC 215.2)
24315.2 M MECHANICAL
0 K KITCHEN APPLIANCE
0 N NON-CONTINUOUS MISC.
0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD CEC 215.2)

(N) PANEL P7M

BUS RATING: 400 120/208V, 3PH, 4W
MAIN: 400 MAIN CIRCUIT BREAKER
SPACES: 42 FULL SIZE BOLT-ON CB SPACES
AIC RATING: 10 KAIC PANEL

SURFACE MOUNT, NEMA 1
LOCATION: BUILDING 700 (D)
WITH EQUIPMENT GND BUS

CKT %VD	DIST (FT)	NOTES	LOAD TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	PHASE A	PHASE B	PHASE C	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT %VD
			M	1	HPC-7.1	30	2	10	2600 3952			8	2	40	HPC-7.6	2	M			
			M	3	"			10		2600 3952		8			"	4	M			
			M	5	HPC-7.3	40	2	8			3952 2392	10	2	30	DS-7.1 (ODU)	6	M			
			M	7	"			8	3952 2392			10			"	8	M			
			M	9	HPC-7.2	30	2	10		2600 3952		8	2	40	HPC-7.5	10	M			
			M	11	"			10			2600 3952	8			"	12	M			
			M	13	HPC-7.7	40	2	8	3952 2600			10	2	30	HPC-7.4	14	M			
			M	15	"			8		3952 2600		10			"	16	M			
			M	17	FC-7.3	15	2	12			406 406	12	2	15	FC-7.5	18	M			
			M	19	"			12	406 406			12			"	20	M			
			M	21	FC-7.7	15	2	12		406 406		12	2	15	FC-7.6	22	M			
			M	23	"			12			406 406	12			"	24	M			
				25	SPACE										SPACE	26				
				27	SPACE										SPACE	28				
				29	SPACE										SPACE	30				
				31	SPACE										SPACE	32				
				33	SPACE										SPACE	34				
			L	35	EMERGENCY EGRESS LIGHTING INVERTER "P7M"	20	1	12							SPACE	36				
				37	(E) PA NEL "F1"	150	3	SLD				SLD	3	125	(E) PA NEL "F2"	38				
				39	"			SLD				SLD			"	40				
				41	"			SLD				SLD			"	42				
									20259	20467	14518									
									0	0	0									
									20259	20467	14518									
									169	171	121									

CON: 20259 20467 14518
25%: 0 0 0
SUB: 0 0 0
TOT: 20259 20467 14518
AMPS 169 171 121

LOAD (VA) LOAD TY PE LEGEND
0 R RECEPTACLE
0 L LIGHTING (125% OF CONNECTED LOAD CEC 215.2)
55244.8 M MECHANICAL
0 K KITCHEN APPLIANCE
0 N NON-CONTINUOUS MISC.
0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD CEC 215.2)

(N) PANEL P4M

BUS RATING: 125 120/208V, 3PH, 4W
MAIN: 125 MAIN CIRCUIT BREAKER
SPACES: 24 FULL SIZE BOLT-ON CB SPACES
AIC RATING: 10 KAIC PANEL

SURFACE MOUNT, NEMA 1
LOCATION: BUILDING 400 (F)
WITH EQUIPMENT GND BUS

CKT %VD	DIST (FT)	NOTES	LOAD TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	PHASE A	PHASE B	PHASE C	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT %VD
			M	1	HPC-4.1	40	2	8	3744 2288			10	2	25	HPC-4.2	2	M			
			M	3	"			8		3744 2288		10			"	4	M			
			M	5	HPC-4.5	25	2	10			2288 3744	8	2	40	HPC-4.3	6	M			
			M	7	"			10	2288 3744			8			"	8	M			
			M	9	FC-4.1	15	2	12		352 3744		8	2	40	HPC-4.4	10	M			
			M	11	"			12			352 3744	8			"	12	M			
				13	SPACE				352			12	2	15	FC-4.3	14	M			
				15	SPACE					352		12			"	16	M			
				17	SPACE						352	12	2	15	FC-4.4	18	M			
				19	SPACE				352			12			"	20	M			
				21	SPACE										SPACE	22				
			L	23	EMERGENCY EGRESS BUILDING MOUNTED LIGHTS	20	1	12			21				SPACE	24				
									12767	10479	10920									
									0	0	0									
									12767	10479	10905									
									106	87	88									

CON: 12767 10479 10920
25%: 0 0 0
SUB: 0 0 0
TOT: 12767 10479 10905
AMPS 106 87 88

LOAD (VA) LOAD TY PE LEGEND
0 R RECEPTACLE
21 L LIGHTING (125% OF CONNECTED LOAD CEC 215.2)
33725.12 M MECHANICAL
0 K KITCHEN APPLIANCE
0 N NON-CONTINUOUS MISC.
0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD CEC 215.2)

PANEL SCHEDULE NOTES

1. SEE SINGLE LINE DIAGRAM FOR CONDUCTOR SIZE.
2. EXISTING BRANCH CIRCUIT TO REMAIN. NO CHANGE TO CONNECTED LOAD.
3. PER ELECTRICAL CODE. OUTLET MUST BE READILY ACCESSIBLE. REPLACE BREAKERS WITH GFCI BREAKERS.
4. DELETED EQUIPMENT. LABEL BREAKER "SPARE" / "SPACE" AS APPLICABLE.
5. BREAKER NOT LABELED IN EXISTING PANEL. VERIFY LOAD AND LABEL BRANCH CIRCUIT OR "SPARE" AS APPLICABLE.
6. PROVIDE NEW CIRCUIT BREAKER.
7. REFLECTS NEW CONNECTED LOAD.
8. EXISTING BRANCH CIRCUIT TO BE DISCONNECTED, PROTECTED IN PLACE AND RECONNECTED TO NEW PANEL. NO CHANGE TO CONNECTED LOAD.

(E) PANEL MK

BUS RATING: 125 120/208V, 3PH, 4W
MAIN: 125 MAIN LUG ONLY
SPACES: 42 FULL SIZE BOLT-ON CB SPACES
AIC RATING: 18 KAIC PANEL

FLUSH MOUNT, NEMA 1
LOCATION: KITCHEN
WITH EQUIPMENT GND BUS

CKT %VD	DIST (FT)	NOTES	LOAD TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	PHASE A	PHASE B	PHASE C	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT %VD
				2	1	KITCHEN LIGHTS	20	1	E				E	1	20	A/R CURTA IN	2		2		
				2	3	RESTROOM LIGHTS	20	1	E				E	1	20	A/R CURTA IN	4		2		
				2	5	KITCHEN + TOILET OUTLET	20	1	E				E	1	20	A/R CURTA IN	6		2		
				2	7	KITCHEN PLUGS	20	1	E				E	1	20	KITCHEN OUTLETS	8		2		
				5	9	UNKNOWN	20	1	E				12	1	20	WA RMING CA BINET	10		7		
				7	11	REFER/FREEZER	20	1	12				E	1	20	EF CONTROL	12		2		
				3	13	MILK DISPENSER	20	1	E				E	1	20	"SPA RE"	14		4		
				3	15	MILK DISPENSER	20	1	E				E	1	20	KITCHEN EXHA UST FAN	16		2		
					17	SPA RE	60	2					E	1	20	EXHA USTA FAN GIRLS TOILETS	18		2		
					19	"							E	1	20	EXHAUST FAN BOY'S RESTROOM	20		2		
				3	21	CONVECTION OVEN	20	1	E				E	1	15	MA G DOOR HOLDER	22		2		
				3	23	OVEN HOOD	20	1	E				12	1	20	EXTERIOR OUTLET	24		7		
					25	FUTURE GARBAGE DISPOSA L (SPA RE)	15	3						2	30	SPA RE	26				
					27	"										"	28				
					29	"						1500	12	1	20	WA RMING CA BINET	30		7		
				6	31	KITCHEN FAN COIL	15	2	12	375 1500			12	1	20	WA RMING CA BINET	32		6		
					33	"					375 1500		12	1	20	WA RMING CA BINET	34		6		
				6	35	HPC-6.3 (OUTDOOR)	60	3	8			4680				SPACE	36				
					37	"				4680						SPACE	38				
					39	SPACE										SPACE	40				
					41	SPACE										SPACE	42				
										6555	1875	6180								
										0	0	0								
										6555	1875	6180								
										55	16	52								

CON: 6555 1875 6180
25%: 0 0 0
SUB: 0 0 0
TOT: 6555 1875 6180
AMPS 55 16 52

LOAD (VA) LOAD TY PE LEGEND
0 R RECEPTACLE
0 L LIGHTING (125% OF CONNECTED LOAD CEC 215.2)
0 M MECHANICAL
0 K KITCHEN APPLIANCE
0 N NON-CONTINUOUS MISC.
0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD CEC 215.2)

CHANGE PANEL NAME TO "P6K"

(N) PANEL P6R

BUS RATING: 225 120/208V, 3PH, 4W
MAIN: 225 MAIN CIRCUIT BREAKER
SPACES: 30 FULL SIZE BOLT-ON CB SPACES
AIC RATING: 10 KAIC PANEL

SURFACE MOUNT, NEMA 3R
LOCATION: ROOF
WITH EQUIPMENT GND BUS

CKT %VD	DIST (FT)	NOTES	LOAD TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	PHASE A	PHASE B	PHASE C	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT %VD
			M	1	RTU-6.1 (ROOF)	70	3	4	8094 8094			4	3	70	RTU-6.2 (ROOF)	2	M			
			M	3	"			4		8094 8094		4			"	4	M			
			M	5	"			4			8094 8094	4			"	6	M			
			M	7	ERV-6.1 (ROOF)	15	2	12	801						SPACE	8				
			M	9	"			12		801					SPACE	10				
			M	11	HPC-6.1 (ROOF)	50	2	8			4680				SPACE	12				
			M	13	"			8	4680						SPACE	14				
			M	15	HPC-6.2 (ROOF)	40	2	8		3952					SPACE	16				
			M	17	"			8			3952				SPACE	18				
			R	19	RECEPTA CLES (ROOF)	20	1	12	540						SPACE	20				
				21	SPACE										SPACE	22				
				23	SPACE										SPACE	24				
				25	SPACE										SPACE	26				
				27	SPACE										SPACE	28				
				29	SPACE										SPACE	30				
									22208	20940	24820									
									0	0	0									
									22208	20940	24820									
									185	175	207									

CON: 22208 20940 24820
25%: 0 0 0
SUB: 0 0 0
TOT: 22208 20940 24820
AMPS 185 175 207

LOAD (VA) LOAD TY PE LEGEND
540 R RECEPTACLE
0 L LIGHTING (125% OF CONNECTED LOAD CEC 215.2)
67428.1088 M MECHANICAL
0 K KITCHEN APPLIANCE
0 N NON-CONTINUOUS MISC.
0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD CEC 215.2)

FORMERLY PANEL "G"

(N) PANEL P5M

BUS RATING: 225 120/208V, 1PH, 3W
MAIN: 225 MAIN CIRCUIT BREAKER
SPACES: 42 FULL SIZE BOLT-ON CB SPA CES
AIC RATING: 10 KAIC PANEL

FLUSH MOUNT, NEMA 1
LOCATION: PE STORA GE 504
WITH EQUIPMENT GND BUS

CKT %VD	DIST (FT)	NOTES	LOAD TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	PHASE A	PHASE B	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT %VD
		8		1	COMPUTER CLA SSROOM LIGHTS	20	1					1	20	WORKROOM LIGHTS	2		8		
		8		3	EXIT SIGNS	20	1					1	20	LIBRARY LIGHTS	4		8		
		8		5	LIBRA RY LIGHTS	20	1					1	20	LIBRARY LIGHTS	6		8		
		8		7	LIBRA RY LIGHTS	20	1				3836	8	2	40	HPCU-5.3	8		4,7		
		4,7		9	EMERGENCY EGRESS LIGHTING INVERTER "RA 5"	20	1	12	125 3536		8				"	10		4		
		8		11	UTILITY A REA LIGHTING	20	1					1	20	EXTERIOR LIGHTS	12		8		
		4,7		13	SPA RE	20	1					1	20	EXTERIOR LIGHTS	14		8		
		8		15	CLA SSROOM RECEPTA CLES	20	1				3836	8	2	40	HPCU-5.4	16		4,7		
		8		17	CLA SSROOM RECEPTA CLES	20	1		3536		8				"	18		4		
		8		19	WORKROOM RECEPTA CLES	20	1					1	20	FLOOR BOX	20		8		
		8		21	WORKROOM RECEPTA CLES	20	1					1	20	FLOOR BOX	22		8		
		8		23	FLOOR BOX	20	1					1	20	FIRE A LARM	24		8		
		8		25	FLOOR BOX	20	1					1	20	WATER HEATER	26		8		
		4,7		27	FA N COIL (FC-5.4)	15	2	12			382	1	20	FLOOR BOX	28		8		
				29	"			12	352			1	20	FLOOR BOX	30		8		
		8		31	CLA SSROOM RECEPTA CLES	20	1					1	20	A/C CONTROLLER	32		8		
		8		33	CLA SSROOM RECEPTA CLES	20	1					1	20	LIBRARY RECEPTA CLES	34		8		
		4,7		35	HPCU-5.1	40	2	8			3536	1	20	LOUVERS	36		8		
				37	"			8	3536			2	70	PA NEL "N"	38		1		
		4,7		39	HPCU-5.2	40	2	8			3536				"	40				
				41	"			8	3536			1	20	FIRE A LARM	42		8		
									14621	14496									
									0	0									
									14621	14496									
									122	121									

CON: 14621 14496
25%: 0
SUB: 0 0
TOT: 14621 14496
AMPS 122 121

LOAD (VA) LOAD TY PE LEGEND
0 R RECEPTACLE
0 L LIGHTING (125% OF CONNECTED LOAD CEC 215.2)
0 M MECHANICAL
0 K KITCHEN APPLIANCE
0 N NON-CONTINUOUS MISC.
0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD CEC 215.2)

(E) PANEL N

BUS RATING: 125 120/208V, 1PH, 3W
MAIN: 70 MA IN LUG ONLY
SPACES: 30 FULL SIZE BOLT-ON CB SPA CES
AIC RATING: 10 KA IC PANEL

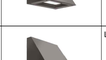
FLUSH MOUNT, NEMA 1
LOCATION: TECH EQUIP 502B
WITH EQUIPMENT GND BUS

CKT %VD	DIST (FT)	NOTES	LOAD TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	PHASE A	PHASE B	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT %VD
		2		1	WA TER HEATER	20	2	E			E	1	20	DA TA RA CK	2		2		
		2		3				E			E	1	20	DA TA RA CK	4		2		
		4		5	EF-18	30	2				E	1	20	DA TA RA CK	6				
		4		7							E	1	20	DA TA RA CK	8		2		
		4		9	EF-19	30	2					1	20	SPA RE	10				
		4		11								1	20	SPA RE	12				
				13	SPA RE	20	1	E				1	20	SPA RE	14				
				15	SPA RE	20	1	E				1	20	SPA RE	16				
				17	SPA RE	20	1	E			E	1	30	(E) LOA D	18				
				19	SPA RE	20	1	E						SPA CE	20				
				21	SPA CE									SPA CE	22				
				23	SPA CE									SPA CE	24				
				25	SPA CE									SPA CE	26				
				27	SPA CE									SPA CE	28				
				29	SPA CE									SPA CE	30				
									0	0									
									0	0									
									0	0									
									0	0									

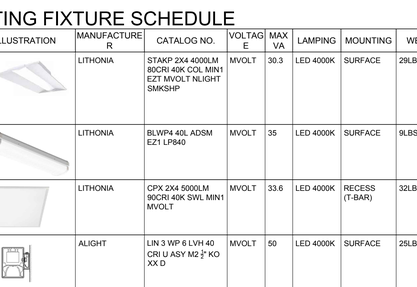
CON: 0 0
25%: 0 0
SUB: 0 0
TOT: 0 0
AMPS 0 0

LOAD (VA) LOAD TY PE LEGEND
0 R RECEPTACLE
0 L LIGHTING (125% OF CONNECTED LOAD CEC 215.2)
0 M MECHANICAL
0 K KITCHEN APPLIANCE
0 N NON-CONTINUOUS MISC.
0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD CEC 215.2)

LIGHTING FIXTURE SCHEDULE

TYPE	ILLUSTRATION	MANUFACTURER	CATALOG NO.	VOLTAGE	MAX VA	LAMPING	MOUNTING	WEIGHT	DESCRIPTION
A		LITHONIA	STAKP 2X4 4000LM 80CRI 40K COL MIN1 EZT MVOLT NLIGHT SMKSHP	MVOLT	30.3	LED 4000K	SURFACE	29LBS	2X4 TROFFER, 0-10V DIMMING, DIMS TO 1% WITH 5.5" DEEP WITH NLIGHT ENABLED SURFACE KIT (CLASSROOMS). FOR FIXTURE TYPE AM, PROVIDE EMERGENCY BATTERY PACK #E10WLCP
B		LITHONIA	BLWP4 40L ADSM EZ1 LP840	MVOLT	35	LED 4000K	SURFACE	9LBS	4FT LOW PROFILE LED WRAPAROUND SURFACE MOUNT, 0-10V DIMMING, DIMS TO 1%
C		LITHONIA	CPX 2X4 5000LM 90CRI 40K SWL MIN1 MVOLT	MVOLT	33.6	LED 4000K	RECESS (T-BAR)	32LBS	2X4 TROFFER, 0-10V DIMMING, DIMS TO 1%, (KITCHEN) FOR FIXTURE TYPE CM, PROVIDE EMERGENCY BATTERY PACK #ILB CP10 HESD A
D		ALIGHT	LIN 3 WP 6 LVH 40 CRI U ASY M2 $\frac{1}{2}$" KO XX D	MVOLT	50	LED 4000K	SURFACE	25LBS	6FT LINEAR IP66 RATED EXTERIOR LIGHT. FINISH SELECTED BY ARCHITECT. 0-10V DIMMING (MULLION BLOCK). NOT A FEED THRU
S1		LITHONIA	WDGE1 LED P0 40K 80CRI VW MVOLT	MVOLT	7	LED 4000K	WALL	9LBS	EXTERIOR WALL PACK (9"W X 8"H X 5.5"D1 X 1.5"D2). PROVIDE SURFACE MOUNT BRACKET "SRM" OPTION FOR FIXTURES THAT DO NOT HAVE ACCESS FROM BEHIND.
S1E		LITHONIA	WDGE1 LED P0 40K 80CRI VW MVOLT E4WH	MVOLT	7	LED 4000K	WALL	9LBS	EXTERIOR WALL PACK WITH 90 MINUTE BATTERY BACK UP (9"W X 8"H X 5.5"D1 X 1.5"D2). PROVIDE SURFACE MOUNT BRACKET "SRM" OPTION FOR FIXTURES THAT DO NOT HAVE ACCESS FROM BEHIND.
S2		LITHONIA	WDGE1 LED P2 40K 80CRI VF MVOLT	MVOLT	15	LED 4000K	WALL	9LBS	EXTERIOR WALL PACK (9"W X 8"H X 5.5"D1 X 1.5"D2). PROVIDE SURFACE MOUNT BRACKET "SRM" OPTION FOR FIXTURES THAT DO NOT HAVE ACCESS FROM BEHIND.
S2E		LITHONIA	WDGE1 LED P2 40K 80CRI VF MVOLT E4WH	MVOLT	15	LED 4000K	WALL	9LBS	EXTERIOR WALL PACK WITH 90 MINUTE BATTERY BACK UP (9"W X 8"H X 5.5"D1 X 1.5"D2). PROVIDE SURFACE MOUNT BRACKET "SRM" OPTION FOR FIXTURES THAT DO NOT HAVE ACCESS FROM BEHIND.
X		LITHONIA	LES-W-1-R-120/277	120	5	LED	TOP / END / BACK	5	SINGLE SIDED LED EMERGENCY EXIT SIGN AND DIRECTIONAL ARROW(S) WHERE SHOWN.
XM		LITHONIA	ELM4L LTP SDRT	UVOLT	3	LED	WALL	3LBS	EMERGENCY LIGHTING WITH 90 MINUTE BATTERY BACK

TYPICAL AT BLDGS 200, 500 AND 700



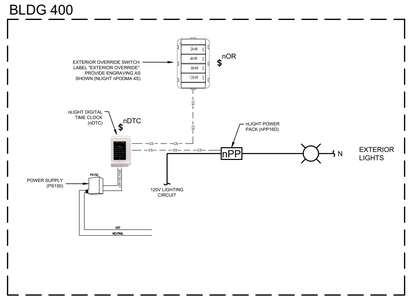
INV2 = 175VA, 120V INPUT/OUTPUT, MYERS POWER PRODUCTS CENTRAL EMERGENCY LIGHTING INVERTER #LV-1-R-1-B2002

INV5 = 175VA, 120V INPUT/OUTPUT, MYERS POWER PRODUCTS CENTRAL EMERGENCY LIGHTING INVERTER #LV-1-R-1-B2002

INV7 = 175VA, 120V INPUT/OUTPUT, MYERS POWER PRODUCTS CENTRAL EMERGENCY LIGHTING INVERTER #LV-1-R-1-B2002

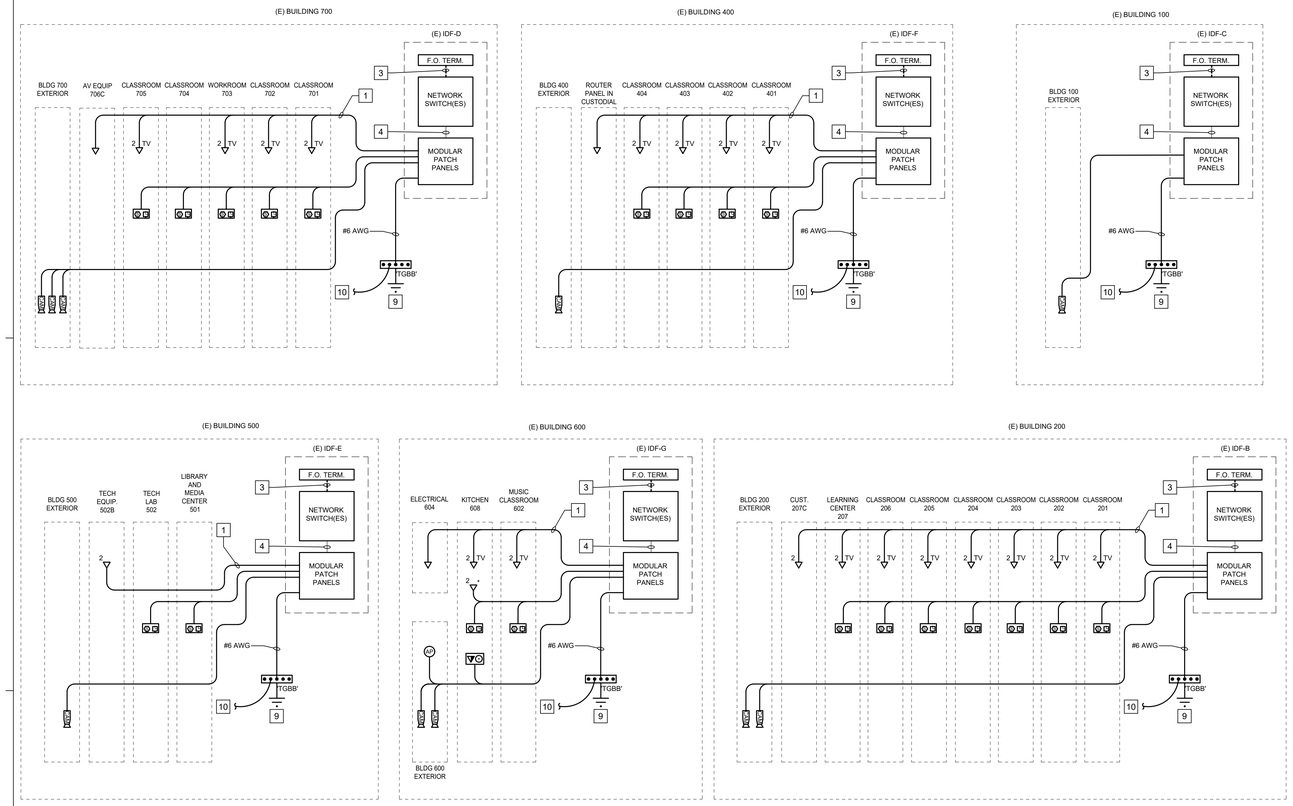
1 EXTERIOR BUILDING LIGHTING CONTROL DIAGRAM
BUILDINGS 200, 500, AND 700

BLDG 400



2 EXTERIOR BUILDING LIGHTING CONTROL DIAGRAM
BUILDING 400

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:



☐ REFERENCE NOTES

1. (N) CAT6 TO EACH DATA OUTLET (QUANTITY PER RISER; BLUE JACKET).
2. NOT USED.
3. F.O. JUMPERS - TO MATCH CABLE PLANT (2M MAX).
4. CAT 6/6A JUMPERS - TO MACH CABLE PLANT (2M MAX).
5. NOT USED.
6. CONTRACTOR SHALL COORDINATE WITH DISTRICT IT STAFF FOR INSTALLATION AND SCHEDULING OF NEW EQUIPMENT TO BE PROVIDED BY THE IT DEPT.
7. NOT USED.
8. NOT USED.
9. (N) WALL MOUNTED TELECOMMUNICATIONS GROUND BUS BAR.
10. (N) THWN, GREEN JACKETED GROUND CONDUCTOR BETWEEN TELECOMMUNICATIONS ROOM GROUND BUS BAR AND BUILDING MAIN ELECTRICAL PANEL EQUIPMENT GROUND BUS ROUTE IN (N) 1" CONDUIT.

GENERAL NOTES

A. CATEGORY CABLING, MODULAR JACKS, AND PATCH CABLES SHALL MATCH COLOR OF (N) CABLE PLANT AS SHOWN IN DEVICE SCHEDULE.

B. CAT6 AND CAT6A CABLES, TOTAL LENGTH FROM IDF TO ENDPOINT SHALL NOT BE MORE THAN 295'-0"; CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY LENGTHS IN EXCESS OF 295'-0" PRIOR TO ROUGH-IN INSPECTION.

C. CAT6 AND CAT6A CABLES SHOWN AS ROUTED UNDERGROUND BETWEEN BUILDINGS SHALL BE OUTDOOR PLANT RATED AS SHOWN.

D. EC SHALL PROVIDE 10' SERVICE LOOP AT EACH (E) AND (N) PULL-BOX FOR CABLE SHOWN AS (N).

E. DISTRICT TO PROVIDE VOIP (VOICE OVER INTERNET PROTOCOL) PHONE HAND SETS AT EACH NEW CLASSROOM.

F. CABLING TYPES SHALL BE SUITABLE AND RATED FOR THE APPLICATION INSTALLED (PLENUM, UNDERGROUND, ETC.).

G. ALL FIBER OPTIC CABLES SHALL BE FUSION SPLICED TO PRE-TERMINATED/POLISHED PIG-TAILS IN APPROVED FIBER SPLICE ENCLOSURES AND SPLICE TRAYS.

H. RISER DIAGRAM SHOWS NEW DEVICES ONLY.

TASK RESPONSIBILITY MATRIX

TASK	RESPONSIBLE PARTY
TELECOM - CONDUIT, BACKBOXES, FLOORBOXES, POKE-THRU'S, SLEEVES	CFCI
TELECOM - CONDUIT ID, LABELING, AND PULLSTRINGS	CFCI
TELECOM - EQUIPMENT STRUCTURAL SUPPORTS AND BACKING	CFCI
TELECOM - EQUIPMENT CEILING PREP (ACCESS POINTS, CAMERAS, INTRUSION)	CFCI
POWER TO TELECOM, RACKS, HEAD-END EQUIPMENT	CFCI
TELECOM EQUIPMENT RACKS, PATCH PANELS, CABLE MANAGEMENT, LADDER RACKING/TRAY	CFCI
TELECOM CABLING AND TERMINATION	CFCI
TELECOM FACEPLATES AND DIVIDERS	CFCI
NETWORK EQUIPMENT (SWITCHES, RACK-MOUNT UPS IN IDF'S, SERVERS, STORAGE)	OFOI
MISC. IT EQUIPMENT (TELEPHONES, COMPUTERS, MONITORS)	OFOI
WIRELESS ACCESS POINTS	OFCI
POE SPEAKERS	OFCI
CLOCK DEVICES	CFCI

CFCI = CONTRACTOR FURNISHED AND INSTALLED
OFCI = OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI = OWNER FURNISHED, OWNER INSTALLED

NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING OWNER OF ALL HARDWARE NOTED WITHIN DRAWINGS OR SPECIFICATIONS AS FURNISHED OR PROVIDED BY OWNER AND CONTRACTOR INSTALLED. SUCH NOTICE SHALL BE PROVIDED TO OWNER AT CONTRACT NOTICE TO PROCEED, AND A CORRESPONDING SCHEDULE FOR WHEN SPECIFIC EQUIPMENT IS NECESSARY FOR INSTALLATION BY CONTRACTOR. ALL HARDWARE SHALL BE INSTALLED BY THE EC UNLESS NOTED OTHERWISE.

PARTIAL CAMPUS COMMUNICATIONS RISER DIAGRAM

TELECOMMUNICATIONS DEVICE SCHEDULE

SYMBOL	BACKBOX	MUD RING	CONDUIT STUB	CABLE TYPE	CABLE QUANTITY	CABLE COLOR	FACEPLATE	NOTES
▽n	EXTRA DEEP 5-SQUARE	SINGLE GANG	1-1/4"	CAT6/6A	4	(1) CAT6A CABLE (RISER), BLUE IN COLOR (1) CAT6 CABLE (RISER), YELLOW IN COLOR (1) CAT6 CABLE (RISER) GREEN IN COLOR (1) CAT6 CABLE (RISER) WHITE IN COLOR	4-PORT, WHITE	STANDARD WORK AREA OUTLET. "n" = NUMBER OF CAT6/6A DATA DROPS. PROVIDE BLANK COVERS FOR UNUSED PORTS. SEE DETAIL 1/E-011 AND 2/E-011 FOR FACEPLATE NAMING CONVENTIONS.
TV▽n	EXTRA DEEP 5-SQUARE	SINGLE GANG	1-1/4"	CAT6	2	CAT6 CABLE (RISER) WHITE IN COLOR	2-PORT, WHITE	DATA OUTLET AT TV HEIGHT AT LOCATION SHOWN IN PLAN. "n" = NUMBER OF CAT6/6A DATA DROPS. COORDINATE MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO ROUGH IN. SEE DETAIL 14/E-011 FOR RECESSED MEDIA LAYOUT.
▽n	EXTRA DEEP 5-SQUARE	SINGLE GANG	1-1/4"	CAT6/6A	4	(1) CAT6A CABLE (RISER), BLUE IN COLOR (1) CAT6 CABLE (RISER), YELLOW IN COLOR (1) CAT6 CABLE (RISER) GREEN IN COLOR (1) CAT6 CABLE (RISER) WHITE IN COLOR	4-PORT, WHITE	ABOVE COUNTER DATA OUTLET AT LOCATION SHOWN IN PLAN. "n" = NUMBER OF CAT6/6A DATA DROPS
AP	-	-	1-1/4"	CAT6A	2	CAT6A CABLE (RISER) ORANGE IN COLOR	-	INTERIOR WIRELESS ACCESS POINT, DISTRICT PROVIDED (INCLUDING MOUNT) AND CONTRACTOR INSTALLED. MOUNTING PER DETAIL 7/E-011 OR 8/E-011.
APWP	-	-	1-1/4"	CAT6A	1	CAT6A CABLE (RISER) ORANGE IN COLOR	-	EXTERIOR (WP) WALL MOUNTED WIRELESS ACCESS POINT LOCATION, DISTRICT PROVIDED (INCLUDING MOUNT) AND CONTRACTOR INSTALLED. EC SHALL PROVIDE (1) CAT6A CABLE EACH. REFER TO MANUFACTURER'S MOUNTING REQUIREMENTS.
APWP	-	-	1-1/4"	CAT6A	1	CAT6A CABLE (RISER) ORANGE IN COLOR	-	EXTERIOR (WP) WIRELESS ACCESS POINT LOCATION, DISTRICT PROVIDED (INCLUDING MOUNT) AND CONTRACTOR INSTALLED. EC SHALL PROVIDE (1) CAT6A CABLE EACH. REFER TO MANUFACTURER'S MOUNTING REQUIREMENTS.
S	-	-	1-1/4"	CAT6	1	CAT6 CABLE (RISER) WHITE IN COLOR	-	VOIP ENABLED CEILING MOUNTED SPEAKER (PART NUMBERS PER BASIS OF DESIGN). CONTRACTOR SHALL PROVIDE (1) BLUE CAT6 CABLE PER DEVICE FROM IDF WITH MINIMUM 10'-0" SERVICE LOOP TERMINATED IN BISCUIT INSIDE SPEAKER ENCLOSURE.
S	-	-	1-1/4"	CAT6	1	CAT6 CABLE (RISER) WHITE IN COLOR	-	VOIP ENABLED WALL MOUNTED SPEAKER (PART NUMBERS PER BASIS OF DESIGN). CONTRACTOR SHALL PROVIDE (1) BLUE CAT6 CABLE PER DEVICE FROM IDF WITH MINIMUM 10'-0" SERVICE LOOP TERMINATED IN BISCUIT INSIDE SPEAKER ENCLOSURE.
SWP	-	-	1-1/4"	CAT6	1	CAT6 CABLE (RISER) WHITE IN COLOR	-	WEATHER PROOF (WP) OUTDOOR SPEAKER (PART NUMBERS PER BASIS OF DESIGN). EC SHALL PROVIDE (N) (1) CAT6 CABLE PER SPEAKER WITH MINIMUM 10'-0" SERVICE LOOP TERMINATED IN BISCUIT INSIDE SPEAKER ENCLOSURE. EC SHALL COORDINATE WITH DISTRICT REPRESENTATIVE FOR FINISHED MOUNTING HEIGHT.
	-	-	1-1/4"	CAT6	1	CAT6 CABLE (RISER) WHITE IN COLOR	-	COMBINATION CLOCKS/SPEAKERS/MICROPHONE DEVICE (PART NUMBERS PER BASIS OF DESIGN). PoE CAPABLE INDOOR WALL-MOUNT IP DEVICE. PROVIDE (N) (1) CAT6 CABLE PER DEVICE TERMINATED IN 1-PORT BISCUIT IN ACCESSIBLE CEILING SPACE.
VS	EXTRA DEEP 5-SQUARE	SINGLE GANG	1-1/4"	CAT6	HARD LID = (1) T-BAR = (2)	CAT6 CABLE (RISER) WHITE IN COLOR	-	PROVIDE SINGLE GANG BOX, DATA PORT AND COVER WITH (1) CAT6 CABLE TO IDF FLUSH MOUNTED IN HARD LID CEILING FOR FUTURE VAPE SENSOR.
	-	-	1-1/4"	CAT6	1	CAT6 CABLE (RISER) BLUE IN COLOR	-	FUTURE EXTERIOR CAMERA LOCATION. PROVIDE (1) BLUE CAT6 CABLE PER LOCATION, TERMINATED IN 1-PORT BISCUIT IN FLUSH MOUNTED WEATHERPROOF SS BOX. EC SHALL PAINT WEATHERPROOF COVER TO MATCH EXISTING BUILDING. COORDINATE BOX HEIGHT WITH DISTRICT. SEE DETAIL 4/E-011
	2-GANG FLOOR BOX	-	1-1/4"	CAT6/6A	4	(1) CAT6A CABLE (RISER), BLUE IN COLOR (1) CAT6 CABLE (RISER), YELLOW IN COLOR (1) CAT6 CABLE (RISER) GREEN IN COLOR (1) CAT6 CABLE (RISER) WHITE IN COLOR	-	2-GANG COMBINATION POWER/DATA FLOOR BOX (WIREMOLD RFB2-G SERIES). PROVIDE ALL ACCESSORIES FOR A COMPLETE WORKING SYTEM. PROVIDE DUPLEX AND ONE FOR DATA.
	4-GANG FLOOR BOX	-	1-1/4"	CAT6/6A	4	(1) CAT6A CABLE (RISER), BLUE IN COLOR (1) CAT6 CABLE (RISER), YELLOW IN COLOR (1) CAT6 CABLE (RISER) GREEN IN COLOR (1) CAT6 CABLE (RISER) WHITE IN COLOR	-	4-GANG COMBINATION POWER/DATA FLOOR BOX (WIREMOLD RFB4-G SERIES). PROVIDE ALL ACCESSORIES FOR A COMPLETE WORKING SYSTEM). PROVIDE DOUBLE DUPLEX, ONE SPARE FOR FUTURE USE, ONE FOR DATA PORT).

1 TELECOMMUNICATION DEVICE CABLE AND ROUGH-IN SCHEDULE
SCALE: NTS

BASIS OF DESIGN

TELECOMMUNICATIONS ROOM ('TR' / 'IDF' / 'MDF') ROOM EQUIPMENT

MANUF.	MANUFACTURER'S PART NO. / SERIES NO.	DESCRIPTION
LEVITON	49255-H48	48 PORT, 2RU MODULAR PATCH PANEL (CAT6A) - COMPATIBLE WITH LEVITON QUICKPORT CONNECTORS
ICC	ICCMSCMA25	HORIZONTAL CABLE MANAGER, 2RU, HINGED
APC	BR1500G	1500VA, 120V (NEMA L5-20P) UPS, AT IDF ONLY

INTERCOM/PA/BELLS/CLOCKS

(CONTRACTOR SHALL PROVIDE MOUNTING ACCORDING TO CEILING TYPE SHOWN ON ARCHITECTURAL REFLECTED CEILING PLAN)

MANUF.	MANUFACTURER'S PART NO. / SERIES NO.	DESCRIPTION
ADVANCED NETWORK DEVICES	IPSWS-SM-O	OUTDOOR POE-ENABLED SPEAKER
ADVANCED NETWORK DEVICES	IPSWS-FM (FLUSH) IPSWS-SM (SURFACE) IPSCM (CEILING TILE)	INDOOR POE-ENABLED SPEAKER ONLY
ADVANCED NETWORK DEVICES	IPSWDHD-MW	INDOOR POE-ENABLED SPEAKER, LED CLOCK DISPLAY

CABLING

MANUF.	MANUFACTURER'S PART NO. / SERIES NO.	DESCRIPTION
BERK-TEK	"ADVENTUM"	INDOOR/OUTDOOR, GIGALITE-'AB', LOOSE TUBE 'OS2', 24-STRAND, SINGLE MODE FIBER OPTIC CABLE
BERK-TEK	LANMARK-1000*	CAT6 CABLE (INDOOR, RISER RATED, REFER TO SPECIFICATIONS FOR COLOR SCHEME)
BERK-TEK	RDT Cat 6A UTP CMP	CAT6A CABLE (INDOOR, RISER RATED, REFER TO SPECIFICATIONS FOR COLOR SCHEME)

*NOTE: PROVIDE OSP OUTDOOR CABLE WHERE ROUTED OUTDOORS AND BETWEEN BUILDINGS.

GENERAL COMMUNICATION PLAN NOTES

A. REFER TO PROJECT TELECOMMUNICATIONS PLANS AND SPECIFICATIONS FOR FURTHER INFORMATION.

B. SIGNAL AND COMMUNICATIONS SYSTEMS RACEWAYS AND BOXES: PROVIDE AND INSTALL 5" SQUARE ("RANDL, INC") RECESSED JUNCTION BOX WITH 1-GANG RING AND (1) 1-1/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE ABOVE OR UNDER FLOOR SPACE BELOW AS APPLICABLE AT EACH WALL TELECOMMUNICATIONS (PHONE, PHONE/DATA, DATA) OUTLET AND TELEVISION OUTLET LOCATION SHOWN ON THE PLANS UNLESS OTHERWISE NOTED. PROVIDE PATHWAYS BETWEEN COMMUNICATIONS EQUIPMENT ROOM LOCATIONS AND ACCESSIBLE CEILINGS FOR ROUTING OF PHONE/DATA CABLES.

WHERE NO ACCESSIBLE CEILING EXIST; RUN CONDUIT FROM OUTLETS (FLOOR OR WALL) TO COMMUNICATIONS EQUIPMENT LOCATION.

PROVIDE 1-1/4" CONDUIT MINIMUM FOR FLOOR BOX TELECOM AND A/V, AS SHOWN ON TELECOM PLANS.

BEFORE CONSTRUCTION, COORDINATE AND VERIFY TELECOMMUNICATIONS OUTLET LOCATIONS WITH OWNER OR ARCHITECT.

C. CONDUIT STUBS FROM BACKBOXES SHALL BE ROUTED TO ABOVE NEAREST ACCESSIBLE CEILING SPACE WITH ACCESS TO PRIMARY PATHWAY BACK TO IDF OR MDF, UNLESS NOTED OTHERWISE

D. CONFIRM ALL DEVICE HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH IN AND COORDINATE FINAL LOCATIONS WITH NEARBY DEVICE DICSIPLINES.

E. COORDINATE ALL ROUGH-IN FOR OFOI DEVICES WITH OWNER IT REPRESENTATIVE PRIOR TO ROUGH-IN.

F. PROVIDE EQUIPMENT RACKS, PATCH PANELS, CABLING, TERMINAL BLOCKS & COMPLETE OUTLET ASSEMBLIES.

G. DEVICE LOCATIONS SHOWN ARE SCHEMATIC AND APPROXIMATE. EXACT LOCATIONS SHALL BE FIELD VERIFIED DURING ROUGH-IN WITH ARCHITECTURAL ELEVATIONS, CASEWORK SHOP DRAWINGS, FURNITURE, ETC. AND SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICT WITH OTHER EQUIPMENT.

H. ELECTRICAL AND COMMUNICATIONS OUTLETS SHOWN IN FIRE RATED, OR SOUND RATED (STC) ASSEMBLIES SHALL BE PROVIDED WITH PUTTY PADS LISTED FOR THE APPLICATION.

I. ELECTRICAL AND COMMUNICATIONS OUTLETS SHOWN IN THE SAME LOCATION, SHALL BE MOUNTED ON OPPOSITE SIDES OF THE SAME STUD. COORDINATE BETWEEN ELECTRICAL AND COMMUNICATIONS PLANS. ALTERNATIVELY, A DEVICE BRACKET MAY BE USED BETWEEN STUDS WITH 4-INCH SEPARATION BETWEEN POWER AND LOW VOLTAGE BOXES.

J. AVOID UNDERGROUND TELECOM CONDUIT RUNS UNLESS NECESSARY. WHERE UNDERGROUND CONDUIT IS USED, TELECOM CABLES SHALL BE WET LISTED.

K. CABLE LADDER DROP-OUTS SHALL BE INSTALLED WHEREVER NECESSARY TO FACILITATE CABLE TRANSITIONS AND MIN BEND RADIUSES. DROP-OUTS SHALL BE EQUIVALENT TO CHATSWORTH AND SOLID ONE PIECE CONSTRUCTION.

L. NO LOW-VOLTAGE SYSTEM MAY USE THE TELECOMMUNICATIONS PATHWAY AS DESCRIBED ON THE TECHNOLOGY PLANS AND SPECIFICATIONS. THE TELECOMMUNICATION SYSTEM CABLING SHALL BE THE ONLY SYSTEM TO UTILIZE THE INFRASTRUCTURE AND CABLE TRAY / CABLE RUNWAY SYSTEM.

M. CONTRACTOR TO PROVIDE RECEIPTS FOR INTERIOR/EXTERIOR SPEAKERS SO SLCUSD CAN REGISTER WARRANTIES.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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REGISTERED PROFESSIONAL ENGINEER
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ELECTRICAL
STATE OF CALIFORNIA
EXPIRES: 09/30/26

CONSULTANT

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P.O. Box 1167 - 3562 Empleo St.
San Luis Obispo, CA 93406
Phone: (805) 543-3850
Fax: (805) 543-3829
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THOMA #25-8022

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

COMMUNICATIONS NOTES, RISER DIAGRAM AND BASIS OF DESIGN

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E-005

DSA SUBMITTAL

8/23/2023 11:35:04 AM
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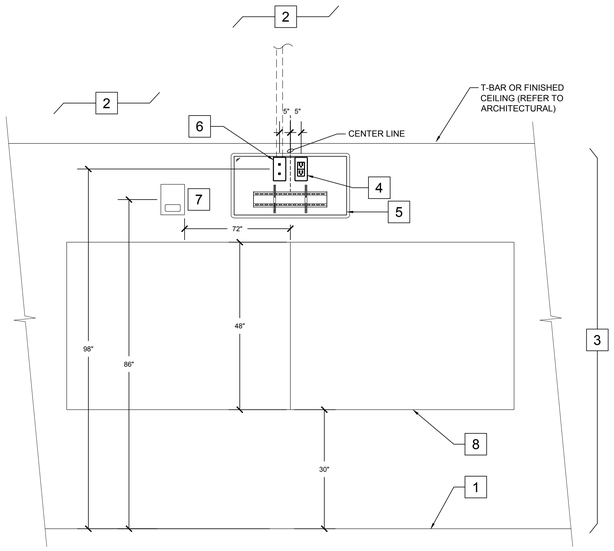


☐ REFERENCE NOTES

1. FINISHED FLOOR.
2. STUB TO ACCESSIBLE CEILING SPACE
3. FINISHED WALL, REFER TO ARCHITECTURAL ELEVATIONS FOR DEVICE MOUNTING HEIGHTS. COORDINATE WITH OWNER PRIOR TO ROUGH-IN.
4. (N) RECEPTACLE PROVIDED BEHIND TELEVISION. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN WITH TELEVISION MOUNTING HARDWARE AND VERIFY WITH DISTRICT REPRESENTATIVE.
5. TELEVISION AND TELEVISION MOUNT PER ARCHITECTURAL INTERIOR ELEVATIONS. COORDINATE DEVICE FACEPLATE LOCATIONS WITH TELEVISION MOUNT.
6. 2-PORT DATA OUTLET AND 1-1/4" CONDUIT TO ACCESSIBLE CEILING SPACE. COORDINATE WITH TELEVISION MOUNTING HARDWARE TO MOUNT BEHIND TELEVISION. COORDINATE MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO ROUGH-IN.
7. (N) IP SPEAKER/CLOCK COMBO DEVICE INSTALLED PER MANUFACTURER SPECIFICATIONS AND ARCHITECTURAL PLANS AT ±98" AFF. COORDINATE EXACT LOCATION WITH DISTRICT REPRESENTATIVE.
8. MARKER BOARD(S) NOT TO SCALE.

14 RECESSED MEDIA LAYOUT - TEACHING WALL

SCALE: NTS

PORTABLE SYSTEM KIT

TWO SETS OF ASSISTED LISTENING SYSTEMS SHALL BE STORED IN A DESIGNATED AREA (COORDINATE WITH DISTRICT) AND SHARED AS NECESSARY TO COMPLY WITH EACH CLASSROOM AREA REQUIRING ASSISTED LISTENING SYSTEMS (ALS). PORTABLE SYSTEM SHALL BE MANUFACTURED BY WILLIAMS SOUND:

(2) FM ADA KIT 37 - EACH KIT CONSISTS OF THE FOLLOWING COMPONENTS:

A. (1) PPA T46 TRANSMITTER
B. (4) PPA R37 RECEIVERS
C. (4) HED 027 HEADPHONES
D. (1) MIC 090 LAPEL MIC
E. (1) MIC 049 DESKTOP CONFERENCE MIC
F. (1) CCS 029 CARRY CASE
G. (2) NKL 001 NECKLOOPS (HEARING AID COMPATIBLE)
H. (5) BAT 001-2 AA ALKALINE BATTERIES
I. IDP 008 ADA WALL PLAQUE (<-- EC SHALL COORDINATE TO WALL-MOUNT ON EACH ROOM)

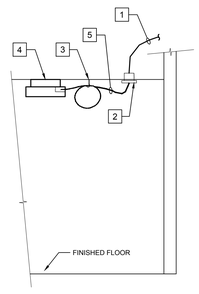
REFER TO ARCHITECTURAL SHEETS FOR ALS SIGNAGE REQUIREMENTS.

15 ASSISTED LISTENING COMPONENTS LIST

NTS

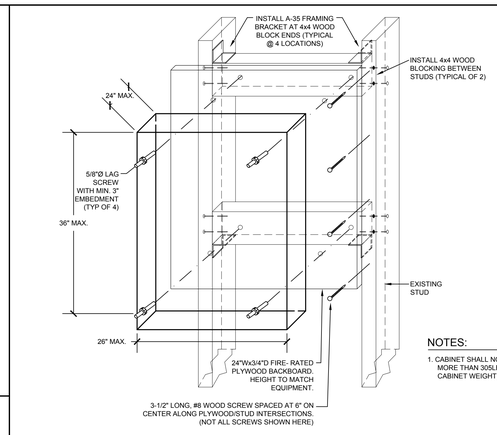
☐ REFERENCE NOTES

1. DATA CABLING BACK TO TELECOMMUNICATIONS ROOM, WAP CABLING TYPE/COLORS AS DETAILED ON RISER DIAGRAM.
2. (1) (N) 5-SQUARE RECESSED BOX WITH (2) (N) CAT6A FEMALE RJ-45 TERMINATED. FOLLOW COLOR CODING OUTLINED ON RISER DIAGRAM.
3. J-HOOK OR APPROVED MOUNTING AND RETENTION OF SERVICE LOOP
4. WIRELESS ACCESS POINT FLUSH-MOUNT BRACKET. MOUNT TO CEILING USING MANUFACTURER PROVIDED GUIDELINES AND HARDWARE.
5. (2) NEW 2-METER CAT6A PATCH CABLE BETWEEN NEW WIRELESS ACCESS POINT AND OUTLET FACEPLATE. PATCH CABLE TO BE INSERTED INTO RJ-45 PORT LABELED 'PoE'



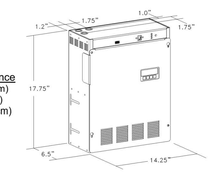
16 INDOOR WIRELESS ACCESS POINT - HARD LID MOUNT

SCALE: NTS



NOTES:

1. CABINET SHALL NOT SUPPORT MORE THAN 305LBS (INCLUDING CABINET WEIGHT).



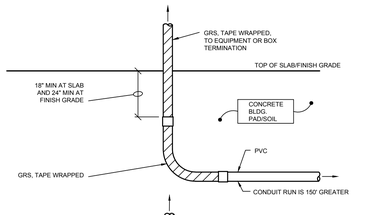
Required Clearance
Top – 6" (15.24 cm)
Sides – 2" (5.1 cm)
Front – 36" (91.4 cm)

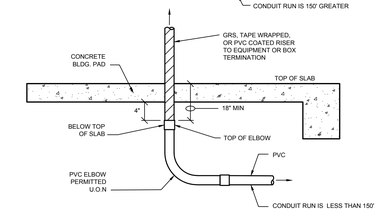
Conduit Knockout Size
7/8" (1.59 cm) / 1-1/8" (2.86 cm)

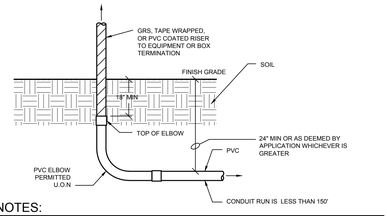
TOTAL SYSTEM WEIGHT = 55LBS

12 INVERTER MOUNTING DETAIL (INV2, INV5, INV7)

SCALE: NTS







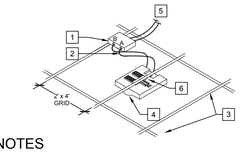
NOTES:

UNDERGROUND CONDUITS AND TRANSITION TO ABOVE GRADE/SLAB SHALL BE AS FOLLOWS:

1. PVC ELBOWS ALLOWED IF TOP OF ELBOW IS MINIMUM 18" BFG OR BELOW TOP OF SLAB, OTHERWISE GRS, TAPE WRAPPED, ELBOWS ARE REQUIRED.
2. GRS ELBOWS ARE REQUIRED IF CONDUIT RUN IS 150' GREATER.
3. GRS RISERS ARE REQUIRED FROM ELBOW BELOW GRADE TO EQUIPMENT (DEVICE, OUTLET, PANEL, CABINET, ETC.) ABOVE GRADE.
4. GRS ELBOWS/RISERS TO BE TAPED WRAPPED (1/2" LAPPED) TO 3" ABOVE FINISH GRADE OR TOP OF SLAB.
5. REFER TO DETAILS 4/ENV-D1 & 5/ENV-D1 FOR TYPICAL VAPOR BARRIER PENETRATION.

6 UNDERGROUND CONDUITS & TRANSITION TO ABOVE GRADE/SLAB

SCALE: NTS



GENERAL NOTES

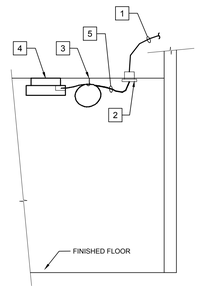
ALL HARDWARE NOTED AS "PROVIDED BY OWNER" SHALL BE BROUGHT TO THE ATTENTION OF OWNER REPRESENTATIVE AT NOTICE TO PROCEED FOR SCHEDULING OF EQUIPMENT ARRIVAL WITHIN CONSTRUCTION TIMELINE. ALL HARDWARE SHALL BE INSTALLED BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE BY OWNER.

☐ REFERENCE NOTES

1. 2-PORT BISCUIT MOUNTED IN ACCESSIBLE CEILING SPACE. EC SHALL PROVIDE LABELS FOR EACH CABLE AT BISCUIT, AND SHALL TERMINATE (FEMALE) AND TEST ALL CABLES, AND PROVIDE TEST RESULTS TO OWNER.
2. (N)(2) ORANGE, 2-METER CAT6A PATCH CABLE BETWEEN NEW WIRELESS ACCESS POINT AND CAT6A TERMINATION BISCUIT. PATCH CABLE SHALL BE INSERTED INTO RJ-45 PORT LABELED 'PoE' ON WIRELESS ACCESS POINT, AND 'A' & 'B' CABLE ON BISCUIT.
3. T-BAR CEILING. PENETRATIONS THROUGH CEILING TILES SHALL BE SEALED SO AS TO MAINTAIN FIRE RATING OF CEILING TILE IF APPLICABLE.
4. (N) WIRELESS ACCESS POINT (NOT TO EXCEED 18"X18"X6", WEIGHING NO MORE THAN 8 LBS), TO BE PROVIDED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. EC SHALL NOTIFY OWNER OF ACCESS POINT QUANTITIES AND LOCATIONS A MINIMUM OF 6-WEEKS PRIOR TO INSTALLATION DATE.
5. (N)(2) CAT6A CABLES FROM IDF TO BISCUIT. ALL CABLE AND TERMINATION HARDWARE (INCLUDING MODULAR JACKS, PATCH CABLES, ETC.) SHALL FOLLOW COLOR CODING OUTLINED IN CABLE SCHEDULE IN DETAIL 9/T-301.
6. WAP MANUFACTURER PROVIDED T-BAR MOUNTING CLIP. ADHERE STRICTLY TO MANUFACTURER PROVIDED INSTALLATION INSTRUCTIONS.

7 INDOOR WIRELESS ACCESS POINT - T-BAR MOUNT

SCALE: NTS



☐ REFERENCE NOTES

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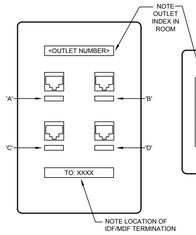
2. (1) (N) 5-SQUARE RECESSED BOX WITH (2) (N) CAT6A FEMALE RJ-45 TERMINATED. FOLLOW COLOR CODING OUTLINED ON RISER DIAGRAM.
3. J-HOOK OR APPROVED MOUNTING AND RETENTION OF SERVICE LOOP
4. WIRELESS ACCESS POINT FLUSH-MOUNT BRACKET. MOUNT TO CEILING USING MANUFACTURER PROVIDED GUIDELINES AND HARDWARE.
5. (2) NEW 2-METER CAT6A PATCH CABLE BETWEEN NEW WIRELESS ACCESS POINT AND OUTLET FACEPLATE. PATCH CABLE TO BE INSERTED INTO RJ-45 PORT LABELED 'PoE'

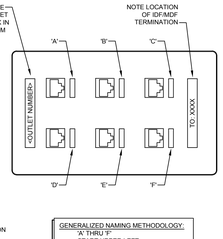
8 INDOOR WIRELESS ACCESS POINT - HARD LID MOUNT

SCALE: NTS

VERTICAL ORIENTATION



HORIZONTAL ORIENTATION



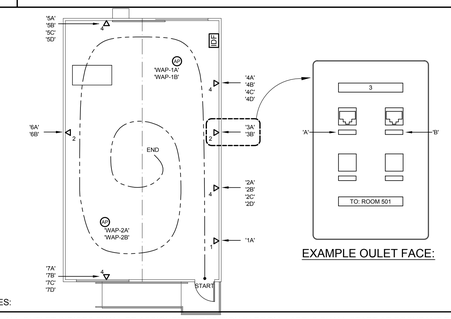
GENERALIZED NAMING METHODOLOGY:
'A' THRU 'F'
START UPPER LEFT
LEFT TO RIGHT
TOP TO BOTTOM

NOTES:

- ALL JACK LOCATIONS ASSIGNED BY POSITION IN ROOM, SEE "DATA OUTLET NAMING CONVENTIONS WITHIN ROOM" DETAIL FOR ASSIGNMENT METHODOLOGY.
- ALL JACKS TERMINATED AS T568B PINOUT.
- ALL JACKS COLOR TO MATCH INCOMING CABLE PLANT.
- PROVIDE IDENTICAL LABEL AT CORRESPONDING PATCH PANEL LOCATION AND ON CABLE PLANT ITSELF.

1 DATA OUTLET NAMING CONVENTIONS WITHIN FACEPLATE

SCALE: NTS

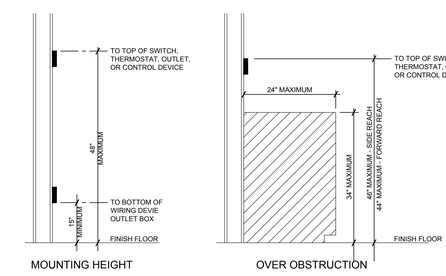


NOTES:

- ALL OUTLET INDICES SHALL BE ASSIGNED BY POSITION IN ROOM. LABELS SHALL START AT OCCUPANT ENTRANCE TO ROOM.
- WHERE MORE THAN ONE ENTRANCE IS PRESENT, LABEL SHALL BEGIN AT ANY ENTRANCE.
- OUTLET NUMBERS SHALL BE ASSIGNED ACCORDING TO "SPIRAL INWARD" METHOD WHEREBY USER STARTS AT ENTRANCE AND INCREMENTS OUTLET ASSIGNMENT IN COUNTER-CLOCKWISE PATTERN. SEE ABOVE DIAGRAM FOR EXAMPLE ILLUSTRATION.
- WIRELESS ACCESS POINTS SHALL HAVE ADDITIONAL PREFIX 'WAP', AND INDEX SHALL BE SEPARATELY MAINTAINED.

2 DATA OUTLET NAMING CONVENTIONS WITHIN ROOM

SCALE: NTS



ELECTRICAL SWITCHES: CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHT AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM. [CBC 11B-308.1.1]

ELECTRICAL RECEPTACLE OUTLETS: ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM [CBC 11B-308.1.2]

3 TYPICAL DEVICE ADA MOUNTING HEIGHTS

NTS

4 SECURITY CAMERA

NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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REGISTERED PROFESSIONAL ENGINEER
CHRISTINE M. JOHNSON
NO. 20823
ELECTRICAL
STATE OF CALIFORNIA
EXPIRES: 09/30/26

CONSULTANT

THOMA ENGINEERING
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Fax: (805) 543-3829
cad@thomaelec.com
THOMA #25-8022

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

ELECTRICAL DETAILS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 9/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E-011

DSA SUBMITTAL

8/23/2023 11:35:04 AM
C:\Users\vpelayo\Documents\PBHS-Central-22_vpelayo@rrmdesign.com.rvt

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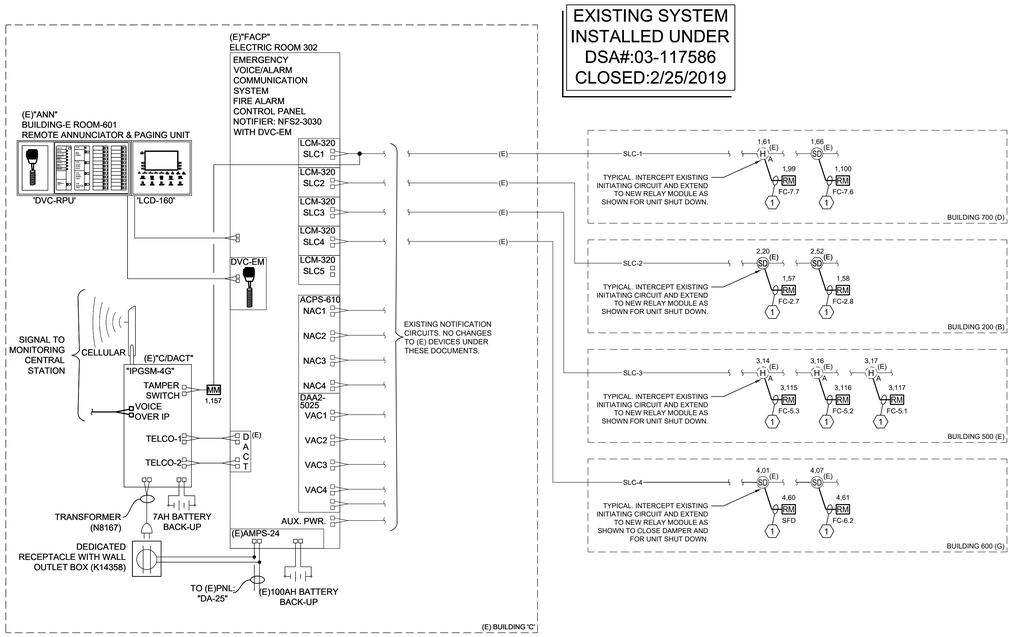


FIRE ALARM RISER DIAGRAM

FIRE ALARM SYMBOLS LEGEND:

DEVICES SYMBOL	MODEL #	CSFM #
	(E)EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM(EV/ACS) FIRE ALARM CONTROL PANEL NOTIFIER: NFS2-3030/DVC-EM	7165-0028:0224 EXISTING SYSTEM INSTALLED UNDER DSA#:03-117586 CLOSED:2/25/2019
RM	RELAY MODULE NOTIFIER: FRM-1	7300-0028:0219

FIRE ALARM SYSTEM NOTES

- FIRE ALARM SYSTEM SHALL BE SUPERVISED BY AN APPROVED, UL LISTED CENTRAL STATION (UUFX) OR REMOTE STATION (UUJS) MONITORING COMPANY. (REF: CFC, 907.2.3.5)
- DOCUMENTATION CABINET TO BE INSTALLED PROXIMAL TO THE FACU. (NFPA 72, 7.7.2.1)
- ALL RECORD DOCUMENTATION SHALL BE STORED IN THE DOCUMENTAION CABINET. (NFPA 72, 7.7.2.2)
- THE DOCUMENTATION CABINET TO BE PROMINENTLY LABELED "SYSTEM RECORD DOCUMENTS". (NFPA 72, 7.7.2.4)

GENERAL NOTES

1. 120 VAC WIRING WILL BE MINIMUM #12 AWG.
2. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN A CONDUIT OR RACEWAY SYSTEM U.O.N.
3. WIRING SHALL NOT BE LOOPED THROUGH DEVICE; WIRE MUST BE CUT FOR IN AND OUT.
4. ALL DEVICES POLARITY MUST BE OBSERVED.
5. FIRE ALARM CONDUIT AND WIRING INSTALLATION SHALL COMPLY WITH CALIFORNIA ELECTRICAL CODE #760.
6. THIS IS A COMPLETE FIRE ALARM SUBMITTAL: If an alternate system is proposed, Contractor shall submit a separate set of engineered plans, specifications, and engineering calcs. for prior approval to the Owner, Division of State Architect (DSA), Architect, and Engineer including but not necessaliry limited to:
   a. All CSFM listing numbers and Manufacturers model numbers for all system components proposed for this system.
   b. Complete Riser Diagram with point to point wiring diagrams including battery and voltage drop calculations for the entire system.
   c. Indication of conductor type(s), power-limited or non-power limited system.
   d. Information as required to demonstrate compliance with all applicable code(s) and to obtain approval of all Authority(ies) having Jurisdiction (AHJ). In the event of a substitution, installation shall not begin until separate approval has been obtained and all of the above has been accepted and signed by the (AHJ) and the Architect, see Specification Section 01631 regarding substitutions. If routing differs significantly from these plans, approval of the Engineer must be obtained before installation. After construction, provide an accurate set of field record drawings to Owner.
7. FIRE ALARM SYSTEM SHALL BE SURVIVABILITY LEVEL-0.
8. CONTRACTOR SHALL REVIEW ARCHITECTURAL, MECHANICAL, PLUMBING, CIVIL, THEATRICAL LIGHTING, FIRE PROTECTION, FOOD SERVICE AND ALL OTHER PROJECT DRAWINGS AND SPECIFICATIONS, CONFIRM ALL REQUIRED FIRE ALARM CONNECTION AND INCLUDE WITH BID.

FEEDER SCHEDULE

1. 1" C - (2)#18 TWISTED UNSHIELDED PAIR, WINDY CITY WIRE 762360(INTERIOR), 727110VNQ(EXTERIOR) (CSFM# 7161-1727:0100) OR CABLING AS PER MANUFACTURERS RECOMMENDATIONS.

SYSTEM DESCRIPTION

INITIATING CIRCUIT CLASS: "B"

SYSTEM TYPE: AUTOMATIC

INDICATING CIRCUIT CLASS: B STYLE: Y

INITIATING DEVICE CIRCUITING LEGEND

COMPLETE AUTOMATIC FIRE ALARM SYSTEM SUBMITTAL

LABELING AND PROGRAMMING OF DEVICES

CONTRACTOR SHALL ENSURE ALL ROOM NAMES AND NUMBERS MATCH CURRENT FIELD CONDITIONS WHEN PROGRAMING PANELS AND ADDRESSABLE DEVICES.

ALL DEVICES SHALL BE LABELED AND HAVE ADDRESS THAT CORRESPONDS TO FINAL RECORD DRAWINGS. CONTRACTOR TO GENERATE AN EQUIPMENT LABELING SUBMITTAL PRIOR TO INSTALLATION FOR OWNERS REVIEW AND APPROVAL.

FIRE WATCH

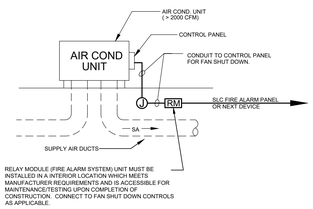
DURING INSTALLATION OF THE NEW FIRE ALARM SYSTEM, A FIRE WATCH SHALL BE USED IN ACCORDANCE WITH CFC 901.7 AND DSA IR F-2. THE FIRE WATCH SHALL REMAIN IN PLACE UNTIL THE COMPLETION OF THE FIRE ALARM INSTALLATION AND ALL TESTS AND CERTIFICATIONS HAVE BEEN COMPLETED.

BATTERY CALCULATIONS

PROJECT: **CL Smith Elem. Phase 2 (E)'FACP'**
Based on 24 Hour Standby

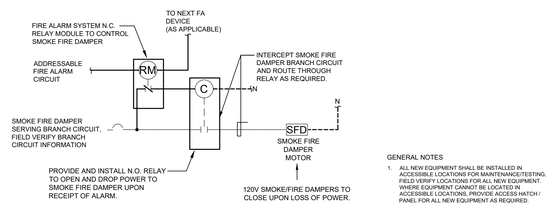
Device	Manufacturer	#	QTY	Standby Amps	Total Standby Amps	Alarm Amps	Total Alarm Amps
(E)EV/ACS Control Pane	Notifier	NFS2-3030	1	1.18500	1.1850	2.24500	2.2450
(E)Remote Annunciator	Notifier	LCD2-160	1	0.30000	0.3000	0.32500	0.3250
(E)Remote Paging Unit	Notifier	DVC-RPU	1	0.38000	0.3800	0.38000	0.3800
(E)Smoke Detector	Notifier	FSP-851	165	0.00030	0.0495	0.00030	0.0495
(E)Smoke Detector	Notifier	FSP-951	13	0.00020	0.0026	0.00200	0.0260
(E)Heat Detector	Notifier	FST-851H	138	0.00030	0.0414	0.00030	0.0414
(E)Heat Detector	Notifier	FST-951H	15	0.00020	0.0030	0.00200	0.0300
(E)Pull Station	Notifier	NBG-12LX	5	0.00038	0.0019	0.00500	0.0250
(E)Control Module	Notifier	FCM-1	1	0.00030	0.0003	0.00030	0.0003
(E)Relay Module	Notifier	FRM-1	1	0.00023	0.0002	0.00023	0.0002
(N)Relay Module	Notifier	FRM-1	9	0.00023	0.0021	0.00023	0.0021
(E)Monitor Module	Notifier	FMM-101	1	0.00035	0.0004	0.00035	0.0004
(E)Dual Monitor Module	Notifier	FDM-1	2	0.00075	0.0015	0.00075	0.0015
(E)Speaker-Weatherproo (2W Speaker)	System Senso	SPWK	10	0.00000	0.0000	0.08330	0.8330
(E)Speaker-Weatherproo (2W Speaker)	System Senso	SPWK	1	0.00000	0.0000	0.08330	0.0833
(E)Speaker-Indoor (2W Speaker)	System Senso	SPW	2	0.00000	0.0000	0.02080	0.0416
(E)Speaker/Visual-Wall (15cd, .25WSpeaker)	System Senso	SPSW-CLR-AI	1	0.00000	0.0000	0.07640	0.0764
(E)Speaker/Visual-Wall (15cd, .5WSpeaker)	System Senso	SPSW-CLR-AI	9	0.00000	0.0000	0.08680	0.7812
(E)&(N)Speaker/Visual-W (75cd, .5WSpeaker)	System Senso	SPSW-CLR-AI	3	0.00000	0.0000	0.17580	0.5274
(E)Speaker/Visual-Wall (110cd, .5WSpeaker)	System Senso	SPSW-CLR-AI	2	0.00000	0.0000	0.22280	0.4456
(E)Speaker/Visual-Ceiling (15cd, .25WSpeaker)	System Senso	SPSW-CLR-AI	3	0.00000	0.0000	0.07640	0.2292
(E)Speaker/Visual-Ceiling (15cd, .5WSpeaker)	System Senso	SPSCW-CLR-A	4	0.00000	0.0000	0.08680	0.3472
(E)Speaker/Visual-Ceiling (30cd, .5WSpeaker)	System Senso	SPSCW-CLR-A	12	0.00000	0.0000	0.11480	1.3776
(E)&(N)Speaker/Visual-C (75cd, .5WSpeaker)	System Senso	SPSCW-CLR-A	4	0.00000	0.0000	0.17580	0.7032
(E)Visual-Wall -15cd	System Senso	SW-P	20	0.00000	0.0000	0.06600	1.3200
					Total 1.9678		Total 9.8921
Total Standby Amps =		1.9678 x 24.0000	Hours =		47.2278	Amp-Hours	
Total Alarm Amps =		9.8921 x 0.2500 (15 minutes)	Hours =		2.4730	Amp-Hours	
Total Amp-Hours required after 24 hours standby and 15 minutes alarm.					49.7008	Amp-Hours	
Total Battery Amp-Hours required: Total Amp-Hours required x 1.25 =					62.1260	Amp-Hours	
Total Amp-Hours Supplied=					100.0000	Amp-Hours	
Spare Capacity=					37.8740	Amp-Hours	

FIRE ALARM BATTERY CALCULATIONS



1 RELAY MODULE WIRING DIAGRAM AT HVAC UNIT

SCALE: NTS



2 RELAY MODULE / CONTROL WIRING DIAGRAM AT SMOKE FIRE DAMPER

NTS

FIRE ALARM DETAILS

IDENTIFICATION STAMP
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APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

FIRE ALARM RISER DIAGRAM, CALCULATIONS AND DETAILS

NO.	REVISION	DATE

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E-021

DSA SUBMITTAL

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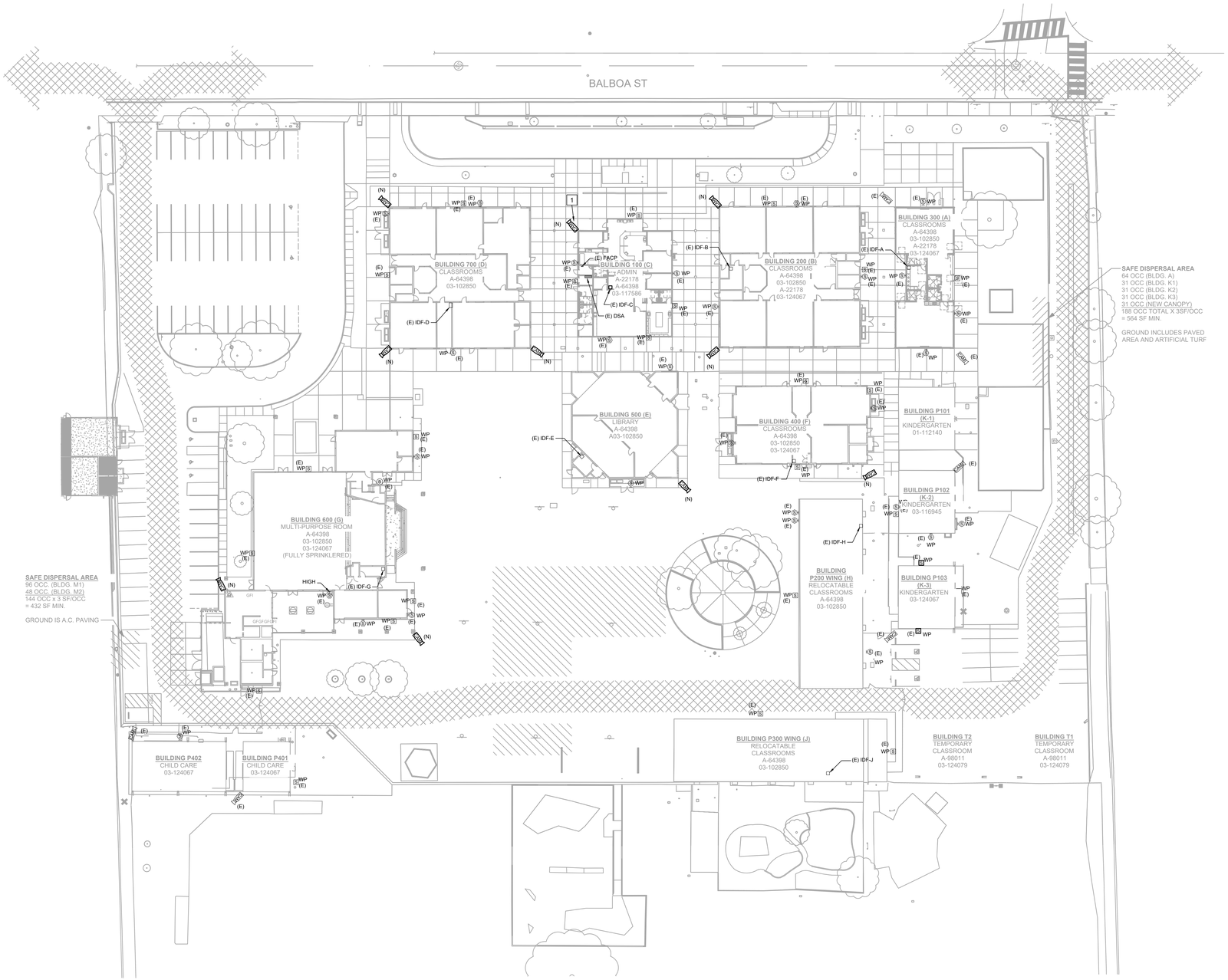

OVERALL FIRE ALARM AND COMMUNICATION SITE PLAN

SCALE: 1"=30'

NORTH

☐ REFERENCE NOTES

1. FUTURE WALL MOUNTED CAMERA LOCATION, PROVIDE 4S BOX, WITH (1) BLUE CAT6 CABLE PER LOCATION, TERMINATE 1-PORT BISCUIT INSIDE BOX, WITH SURFACE MOUNT 3/4" CONDUIT STUB TO ROOM ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION WITH DISTRICT IS&T PRIOR TO ROUGH-IN.

LEGEND

- WP — PA OUTDOOR SPEAKER
- CAM — SECURITY CAMERA
- WP FA — FIRE ALARM EXTERIOR SPEAKER

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DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

OVERALL FIRE ALARM AND COMMUNICATION SITE PLAN

NO.	REVISION	DATE
1		
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PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: ES-101

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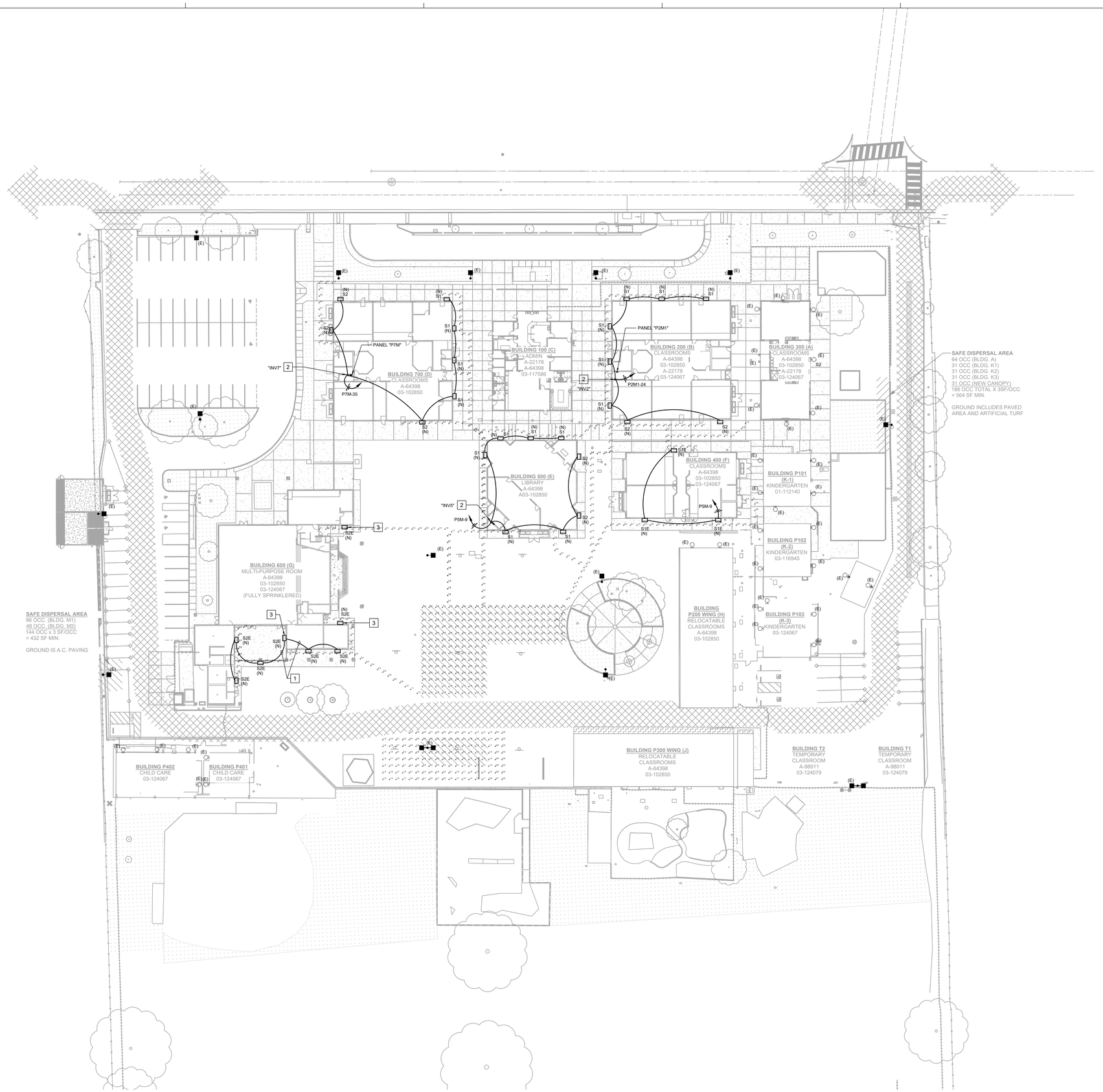

OVERALL SITE LIGHTING PLAN

SCALE: 1"=30'

NORTH

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REFERENCE NOTES

1. EXTEND EXISTING BRANCH CIRCUIT TO NEW EMERGENCY LIGHTS.
2. PROVIDE NEW EMERGENCY INVERTER FOR NEW EXTERIOR BUILDING LIGHTS. LIGHTS WILL ONLY TURN ON DURING EMERGENCY OR BY BY-PASS SWITCH. SEE DETAILS 1/E-004 & 12/E-011.
3. REPLACE EXISTING EMERGENCY LIGHT WITH NEW EMERGENCY LIGHT PER FIXTURE SCHEDULE.
4. ROUTE BRANCH CIRCUIT THROUGH EXTERIOR LIGHTING CONTROLS. SEE DETAIL 2/E-004.

NOTE: ALL EXTERIOR WALL MOUNTED LIGHTS SHALL BE LOCATED BASED ON ARCHITECTURAL ELEVATIONS.

2022 CALIFORNIA BUILDING CODE 1008.3.5 ILLUMINATION LEVEL UNDER EMERGENCY POWER

EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FOOT-CANLDE AND A MINIMUM AT ANY POINT OF 0.1 FOOTCANLE MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE AT THE END OF THE EMERGENCY LIGHTING TIME DURIATION. A MAXIMUM TO MINIMUM ILLUMINATION UNIFORMITY OF 40 TO 1 SHALL NOT BE EXCEEDED.

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BLDG 200 (B) - N TO SAFE DISPERSAL	+	1.4 fc	6.0 fc	0.2 fc	30.0:1	7.0:1
BLDG 200 (B) - S TO SAFE DISPERSAL	+	1.4 fc	6.2 fc	0.2 fc	31.0:1	7.0:1
BLDG 300 (A) - TO SAFE DISPERSAL	+	1.4 fc	5.9 fc	0.2 fc	29.5:1	7.0:1
BLDG 400 (F) - N TO SAFE DISPERSAL	+	1.6 fc	6.2 fc	0.2 fc	31.0:1	8.0:1
BLDG 400 (F) - S TO SAFE DISPERSAL	+	1.0 fc	5.6 fc	0.2 fc	28.0:1	5.0:1
BLDG 500 (E) - N TO SAFE DISPERSAL	+	1.0 fc	4.5 fc	0.2 fc	22.5:1	5.0:1
BLDG 500 (E) - S TO SAFE DISPERSAL	+	1.4 fc	2.6 fc	0.5 fc	5.2:1	2.8:1
BLDG 500 (E) - SE TO SAFE DISPERSAL	+	1.0 fc	1.4 fc	0.7 fc	2.0:1	1.4:1
BLDG 600 (G) - NE TO SAFE DISPERSAL	+	1.1 fc	2.3 fc	0.1 fc	23.0:1	11.0:1
BLDG 600 (G) - S TO SAFE DISPERSAL	+	1.0 fc	3.0 fc	0.1 fc	30.0:1	10.0:1
BLDG 700 (D) - N TO SAFE DISPERSAL	+	1.0 fc	5.0 fc	0.2 fc	25.0:1	5.0:1
BLDG 700 (D) - S TO SAFE DISPERSAL	+	1.2 fc	6.3 fc	0.2 fc	31.5:1	6.0:1
BLDG 700 (D) - WEST TO STREET	+	1.4 fc	4.3 fc	0.3 fc	14.3:1	4.7:1
Safe Dispersal Area - Blacktop	+	1.0 fc	2.7 fc	0.1 fc	27.0:1	10.0:1

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DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

OVERALL SITE LIGHTING PLAN

NO.	REVISION	DATE
1		
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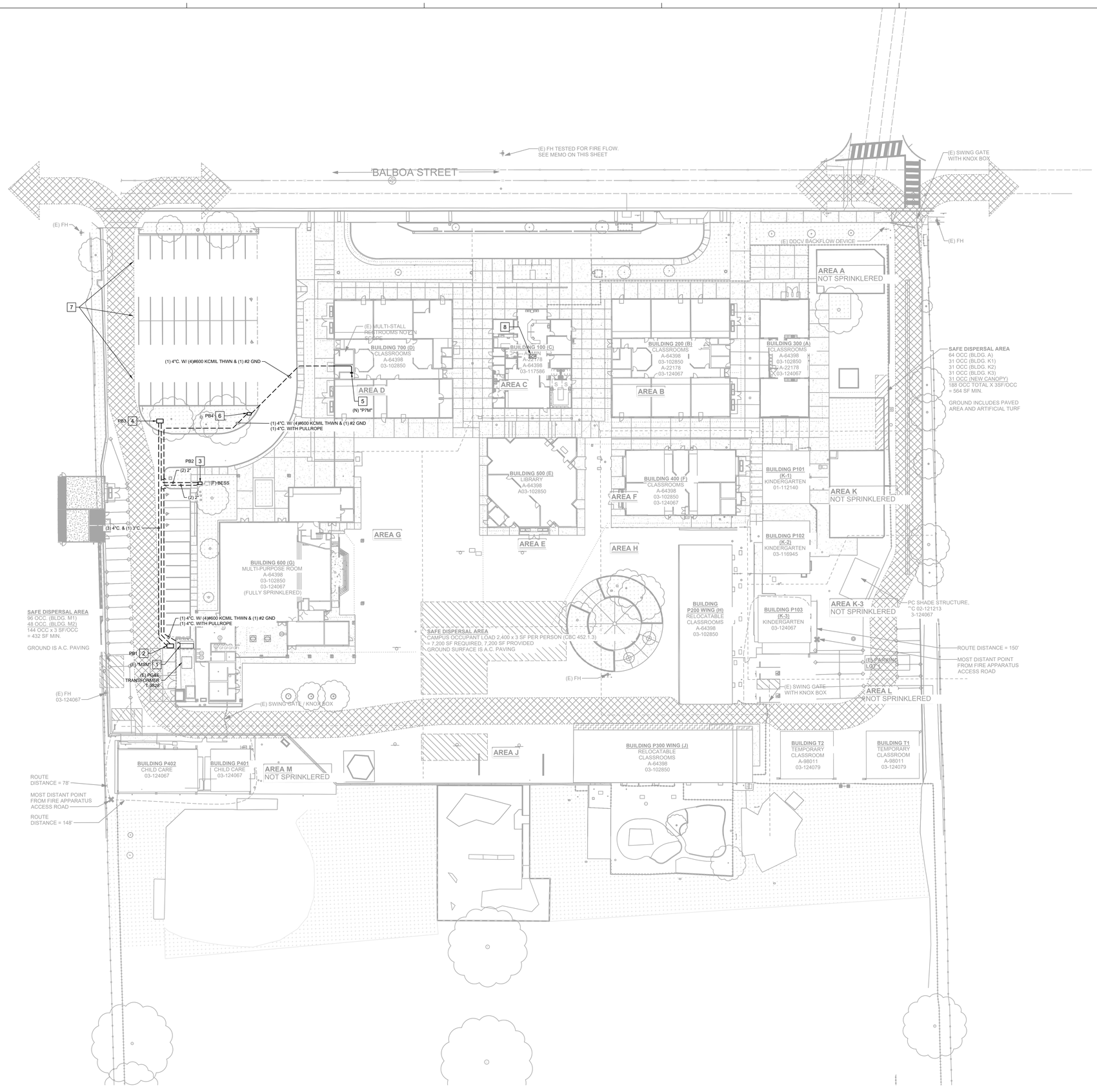
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: ES-102



OVERALL SITE POWER PLAN

SCALE: 1"=30'

NORTH

☐ REFERENCE NOTES

1. EXISTING MAIN SWITCHBOARD "MSM". SEE SINGLE LINE DIAGRAM ON SHEET E-003.
2. NEW 3'X5' PULL BOX FLUSH IN GRADE FOR FUTURE SOLAR CONNECTION TO SWITCHBOARD.
3. NEW 2'X3' PULL BOX FLUSH IN GRADE FOR FUTURE BATTERY CABINET. BATTERY ENERGY STORAGE SYSTEM IS REQUIRED TO BE A MINIMUM OF 20' AWAY FROM THE BUILDING. IF LESS, THE WALLS WOULD NEED TO BE 2HR RATED.
4. NEW 3'X5' PULL BOX FLUSH IN GRADE FOR FUTURE SOLAR CAR PORTS AND EV CHARGERS
5. NEW PANELBOARD. SEE SINGLE LINE DIAGRAM ON SHEET E-003.
6. NEW 2'X3' ELECTRICAL BOX.
7. FUTURE CAR PORT SOLAR.
8. MECHANICAL TO REPLACE EXISTING SCP WITH NEW PER DETAIL 2/MC-101. EC TO RECONNECT 120V CONNECTION AND RECONNECT ETHERNET NETWORK. VERIFY EXACT LOCATION WITH MECHANICAL PLANS.

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DATE: 03/04/2026

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DSA APP. #: 03-125575
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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST. SAN LUIS OBISPO, CA 93405
OVERALL SITE POWER PLAN

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: ES-103

DSA SUBMITTAL

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STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - SITE	**Report Page:**	**(Page 7 of 7)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Jeffrey M. Thoma	Documentation Author Signature:
Company: Thoma Electric, Inc	Signature Date: 2025-08-15
Address: 3562 Empleo Street	CEA/ HERS Certification Identification (if applicable): E20823
City/State/Zip: San Luis Obispo CA 93401	Phone: 805-543-3850

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Responsible Designer Signature:
Company:	Date Signed: 2025-08-15
Address:	License:
City/State/Zip:	Phone:

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - SITE	**Report Page:**	**(Page 4 of 7)**
	Date Prepared:	8/15/2025

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector	
				Pass	Fail
PEDESTRIAN HARDSCAPE	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐

[1] *FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.*
[2] *Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*
[3] *Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - SITE	**Report Page:**	**(Page 5 of 7)**
	Date Prepared:	8/15/2025

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

	01				
	☒ General Hardscape Allowance Table I (below)	"Use it or lose it" Allowance (select all that apply) (select all that apply)			
		☐ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☐ Per Specific Area Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
	Illuminated Area (ft^2)	Allowed Density (W/ft^2)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
PEDESTRIAN HARDSCAPE	21181	0.019	402.4	1681	0.2	252.2	655
					Initial Wattage Allowance for Entire Site (Watts):		200
					Instances of Initial Wattage Allowance (LZ 0 only)[1]		
					Total General Hardscape Allowance (Watts):		855

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - SITE	**Report Page:**	**(Page 6 of 7)**
	Date Prepared:	8/15/2025

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks, These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	PEDESTRIAN HARDSCAPE;

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.		
Project Name: SLCUSD CL SMITH PHASE 2 - SITE	**Report Page:**	**(Page 1 of 7)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

A. GENERAL INFORMATION

01	Project Location (city)	SAN LUIS OBISPO	04	Total Illuminated Hardscape Area (ft^2)	21181
02	Climate Zone	5			
03	Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):				
☐	LZ-0: Very Low - Undeveloped Parkland	☒ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval		
☐	LZ-1: Low - Rural Areas	☐ LZ-3: Moderately High - Urban Areas			
05	Occupancy Types within Project				
●	All Other Occupancies				

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02			
☒ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6			
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	○ Yes	○ No	
03	04	05		
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method		
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%				

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - SITE	**Report Page:**	**(Page 2 of 7)**
	Date Prepared:	8/15/2025

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv											Compliance Results		
01		02		03		04		05		06	07	08	09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	= **Total Allowed** (Watts)	≥ **Total Actual** (Watts)	**07 must be >= 08**
855	+	---	+	---	+	---	+	---	OR	---	= 855	≥ 238	COMPLIES
										Shielding Compliance (See Table G for Details)			N/A
										Controls Compliance (See Table H for Details)			COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - SITE	**Report Page:**	**(Page 3 of 7)**
	Date Prepared:	8/15/2025

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1, 2]	How is Wattage determined	Total Number Luminaires[2]	Luminaire Status[3]	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)1[4]	Field Inspector	
										Pass	Fail
S1	S1	☐ Linear	7	Mfr. Spec	19	New	☐	133	NA: < 6200 lumens	☐	☐
S2	S2	☐ Linear	15	Mfr. Spec	7	New	☐	105	NA: < 6200 lumens	☐	☐
							Total Design Watts:	238			

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)*
[2] *For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*
[3] *Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.*
[4] *Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)*

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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REGISTERED PROFESSIONAL ENGINEER
JEFFREY M. THOMA
No. E20823
ELECTRICAL
STATE OF CALIFORNIA

EXPIRES: 09/30/26

CONSULTANT

THOMA ENGINEERING
THOMA ELECTRIC, INC.
P.O. Box 1167 - 3562 Empleo St.
San Luis Obispo, CA 93406
Phone: (805) 543-3850
Fax: (805) 543-3829
cad@thomaelec.com
THOMA #25-8022

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

SITE LIGHTING - ENERGY COMPLIANCE T24 FORMS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER CJ
DRAWN BY TR/AZ | **CHECKED BY** CJ/JT
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET ES-104

DSA SUBMITTAL

8/23/2023 11:35:04 AM
C:\Users\ypelayo\Documents\PBHS-Central-22_ypelayo@rrmdesign.com.rvt

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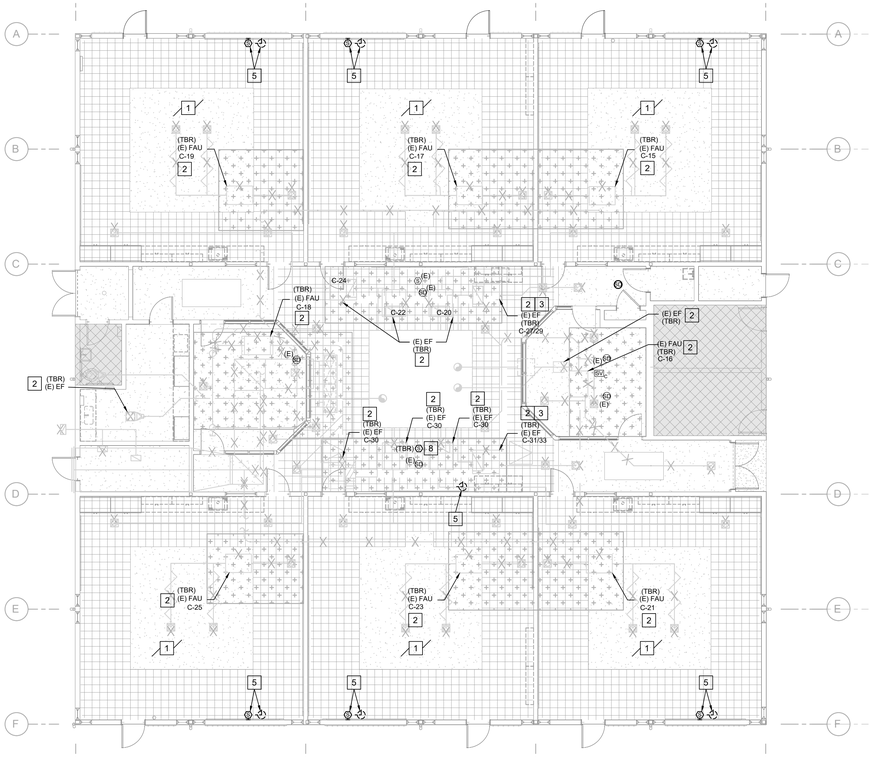
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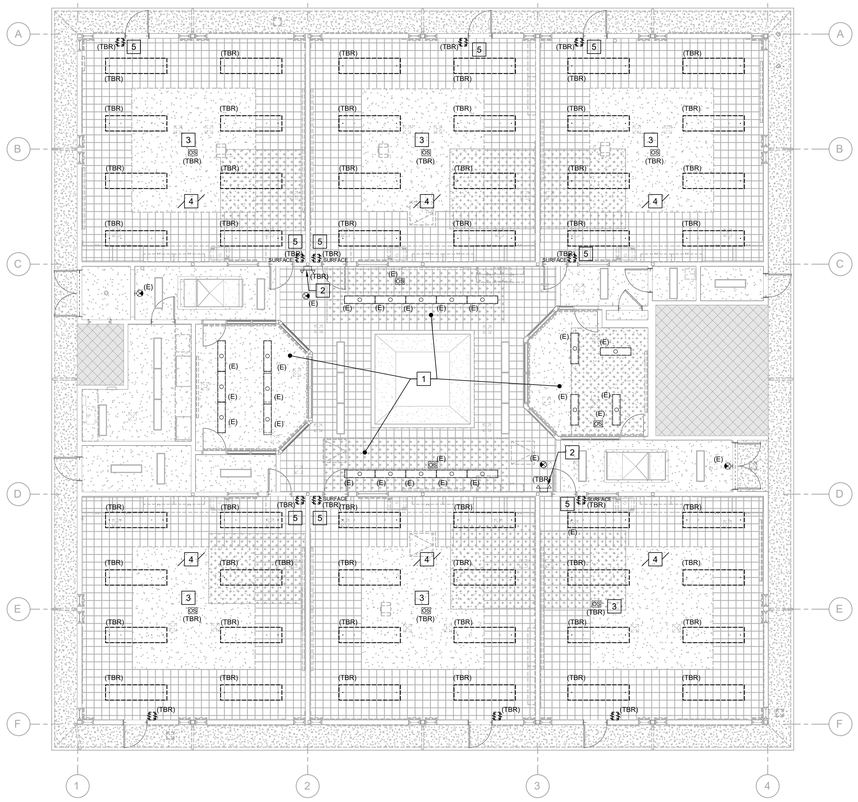
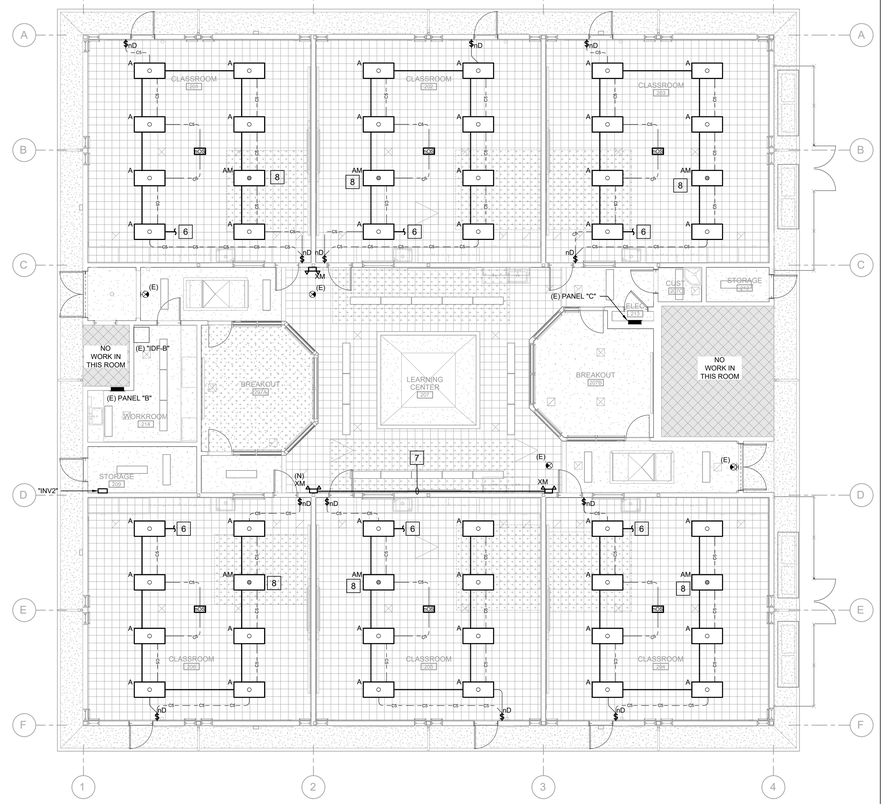
(TBR) (E) FAU C-17
(TBR) (E) FAU C-15
(TBR) (E) FAU C-25
(TBR) (E) FAU C-23
(TBR) (E) FAU C-21
(TBR) (E) EF
(E) EF (TBR) C-22
(E) EF (TBR) C-20
(E) EF (TBR) C-24
(E) EF (TBR) C-26/28
(E) EF (TBR) C-31/33
(E) FAU (TBR) C-16
(TBR) (E) EF C-30
(E) EF (TBR) C-29
(E) EF (TBR) C-27
(E) EF (TBR) C-32
(E) EF (TBR) C-34
(E) EF (TBR) C-36
(E) EF (TBR) C-38
(E) EF (TBR) C-40
(E) EF (TBR) C-42
(E) EF (TBR) C-44
(E) EF (TBR) C-46
(E) EF (TBR) C-48
(E) EF (TBR) C-50
(E) EF (TBR)



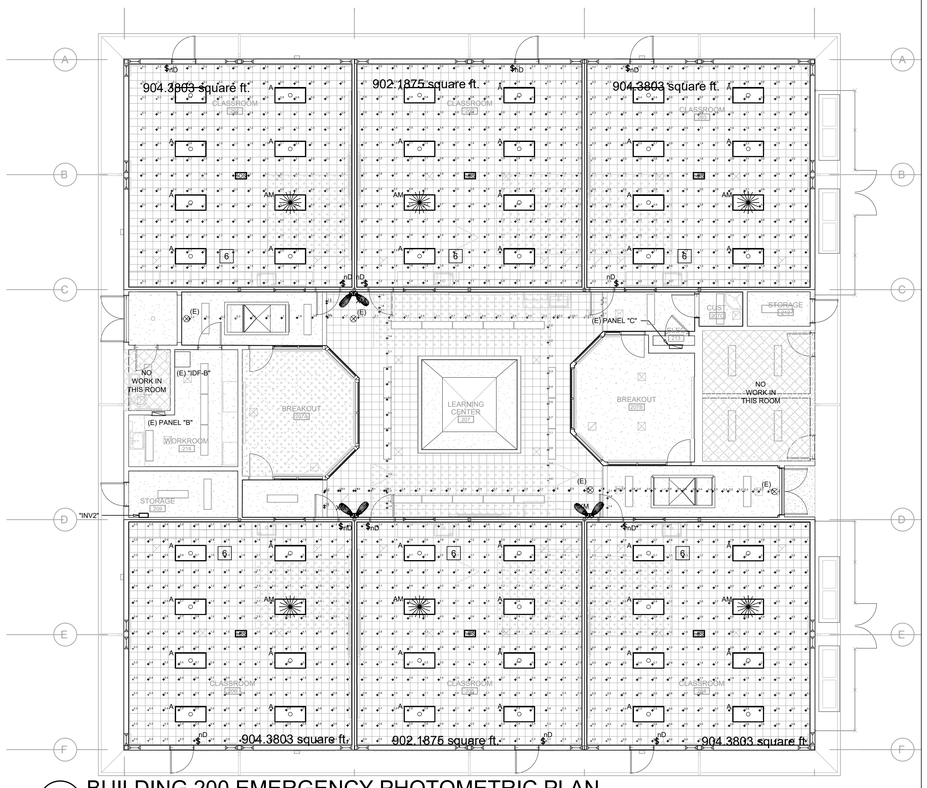
1 BUILDING 200 LIGHTING DEMOLITION FLOOR PLAN

SCALE: 1/8" = 1'-0"



2 BUILDING 200 LIGHTING FLOOR PLAN

SCALE: 1/8" = 1'-0"



3 BUILDING 200 EMERGENCY PHOTOMETRIC PLAN

SCALE: 1/8" = 1'-0"

☐ REFERENCE NOTES

1. CEILING AREA TO BE REMOVE FOR NEW MECHANICAL UNITS. REMOVE, CLEAN, AND STORE EXISTING LIGHTS, AND OCCUPANCY SENSOR DURING DEMOLITION. REINSTALL IN SAME LOCATION DURING RECONSTRUCTION.
2. EXISTING EMERGENCY LIGHTING TO BE REPLACE WITH NEW.
3. EXISTING LINE VOLTAGE OCCUPANCY SENSORS TO BE REPLACE WITH NEW LOW VOLTAGE NLIGHT SENSOR. REPLACE EXISTING WIRING WITH CAT5E CABLING.
4. EXISTING LIGHTS TO BE REMOVED AND DISCONNECTED IN THIS ROOM. PROVIDE NEW LIGHTS AT NEW LOCATION PER LIGHTING PLAN. REMOVE ANY EXISTING JUNCTION BOXES AND PROVIDE NEW JUNCTION BOXES AT NEW LIGHT LOCATIONS. EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO NEW LOCATIONS.
5. EXISTING LINE VOLTAGE SWITCH IN CLASSROOM TO BE REPLACED WITH LOW VOLTAGE nLIGHT SYSTEM DIMMING SWITCH. REMOVE BRANCH CIRCUIT AND REPLACE WITH NEW CAT5E CABLING.
6. INTERCEPT AND EXTEND EXISTING CLASSROOM LIGHTING BRANCH CIRCUIT TO POWER NEW LIGHT FIXTURES AS SHOWN.
7. EXTEND EXISTING BRANCH CIRCUIT FROM EXISTING EMERGENCY LIGHTING BRANCH CIRCUIT.
8. PROVIDE UNSWITCHED HOT LEG OF ROOM LIGHTING BRANCH CIRCUIT TO EACH BATTERY POWERED EMERGENCY LIGHT FOR CONTINUOUS CHARGING.

CBC 1008.3.5 ILLUMINATION LEVEL UNDER EMERGENCY POWER

EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGE TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FOOT-CANDLE AND A MINIMUM AT ANY POINT 0.1 FOOT-CANDLE MEASURE ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOT-CANDLE AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATION OF 40 TO 1 SHALL NOT BE EXCEEDED.

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CLASSROOM 201 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
CLASSROOM 202 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
CLASSROOM 203 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
CLASSROOM 204 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
CLASSROOM 205 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
CLASSROOM 206 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
EM PATH OF EGRESS	+	1.4 fc	4.0 fc	0.1 fc	40.0:1	14.0:1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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REGISTERED PROFESSIONAL ENGINEER
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EXPIRES: 09/30/26

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cad@thomaelec.com
THOMA #25-8022

DSA SUBMITTAL

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 200
LIGHTING FLOOR PLANS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E2-102

8/23/2023 11:35:04 AM
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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 200	**Report Page:**	**(Page 7 of 7)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Jeffrey M. Thoma	
Company:	Signature Date:
Thoma Electric, Inc	2025-08-15
Address:	CEA/ HERS Certification Identification (if applicable):
3562 Empleo Street	E20823
City/State/Zip:	Phone:
San Luis Obispo CA 93401	805-543-3850

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Responsible Designer Signature:
JEFFREY M. THOMA	
Company:	Date Signed:
THOMA ELECTRIC, INC.	2025-08-15
Address:	License:
3562 EMPLEO STREET	E20823
City/State/Zip:	Phone:
SAN LUIS OBISPO CA 93401	(805) 543-3850

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 200	**Report Page:**	**(Page 4 of 7)**
	Date Prepared:	8/15/2025

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) // 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1/ 170.2(e)2A	Field Inspector	
								Pass	Fail
CLASSROOMS	Classroom, Lecture, or Training Vocational	Readily Accessible	Dimmer	Occupancy Sensor	NA: General Ltg < 120W	NA: General Ltg < 120W	No	☐	☐
					13				
					Plan Sheet Showing Daylit Zones:				

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used .

Conditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
CLASSROOMS	Classroom, Lecture, or Training Vocational	0.6	5,420	3,252	No	No
		TOTALS:	5,420	3,252	See Tables J, or P for detail	

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 200	**Report Page:**	**(Page 5 of 7)**
	Date Prepared:	8/15/2025

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS

This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 200	**Report Page:**	**(Page 6 of 7)**
	Date Prepared:	8/15/2025

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/ottcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	CLASSROOMS;

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 200	**Report Page:**	**(Page 1 of 7)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.

A. GENERAL INFORMATION

01	Project Location (city)	SAN LUIS OBISPO	04 Total Conditioned Floor Area (ft²)	5,420
02	Climate Zone	5	05 Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1

● Classroom

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	5420	Area Category Method	0
☐ New Lighting System - Parking Garage				
Total Area of Work (ft²)	5420		0	

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 200	**Report Page:**	**(Page 2 of 7)**
	Date Prepared:	8/15/2025

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)						Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)					Compliance Results
	01	02	03	04		05		06	07		08	09
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	=	**Total Allowed** (Watts)	≥	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)	=	**Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 140.6 / 170.2(e)**
	(See Table I)	(See Table I)	(See Table J)	(See Table K)				(See Table F)	(See Table P)			
Conditioned		3,252	0		=	3,252	≥	1,454	0	=	1454	COMPLIES
Unconditioned					=		≥			=		
Controls Compliance (See Table H for Details)												COMPLIES
Rated Power Reduction Compliance (See Table Q for Details)												

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 200	**Report Page:**	**(Page 3 of 7)**
	Date Prepared:	8/15/2025

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change[1]	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector	
									Pass	Fail
A	A	No	NA	30.3	Mfr. Spec	48	No	1,454.4	☐	☐
					Total Designed Watts: CONDITIONED SPACES			1,454		

[1] *FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2] *Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.*

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

01	02	03	
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	Field Inspector	
		Pass	Fail
NA < 4,000W subject to multilevel	See Area/Space Level Controls	☐	☐

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DATE: 03/04/2026

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 200 - ENERGY COMPLIANCE T24 FORMS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER CJ
DRAWN BY TR/AZ | **CHECKED BY** CJ/JT
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET E2-103

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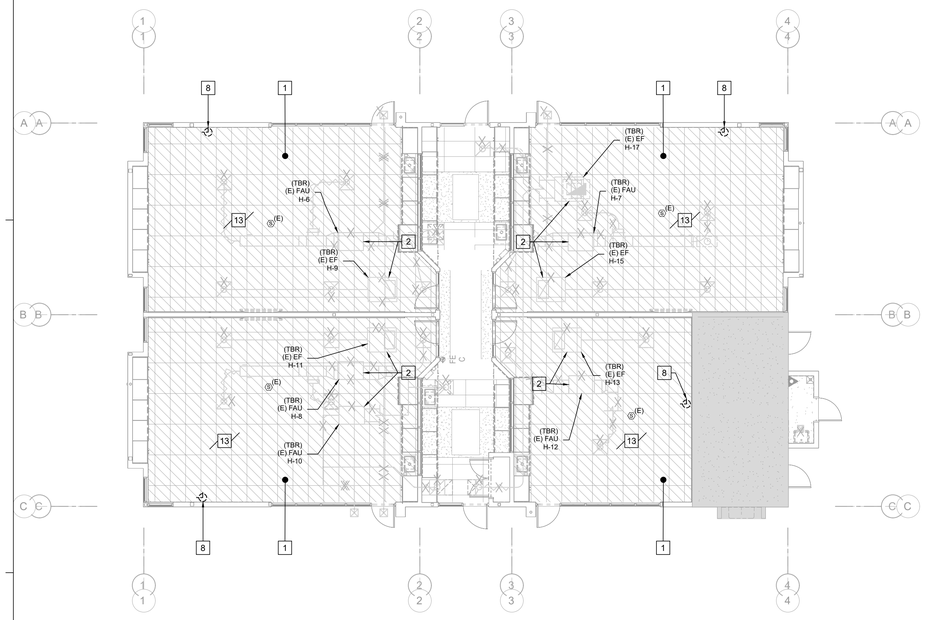
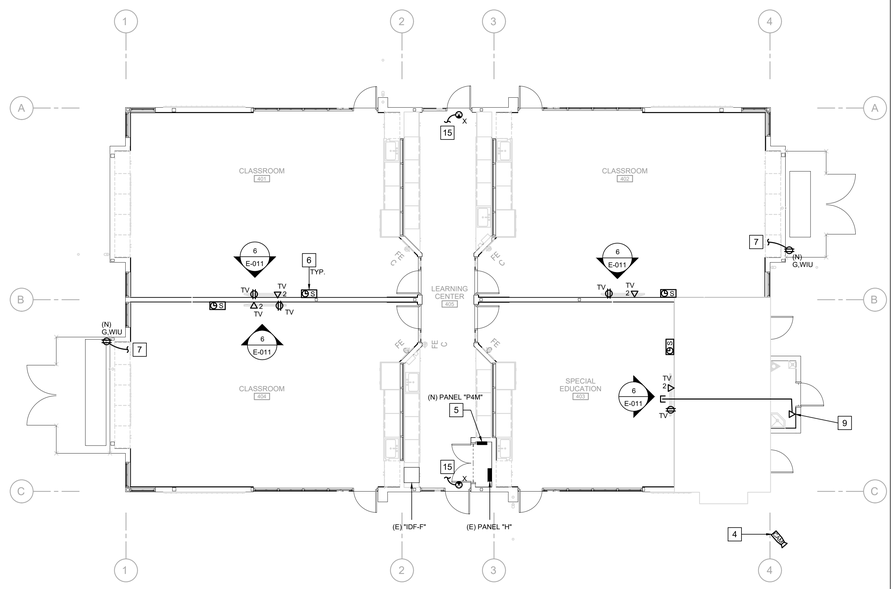


1 BUILDING 400 ELECTRICAL DEMOLITION FLOOR PLAN

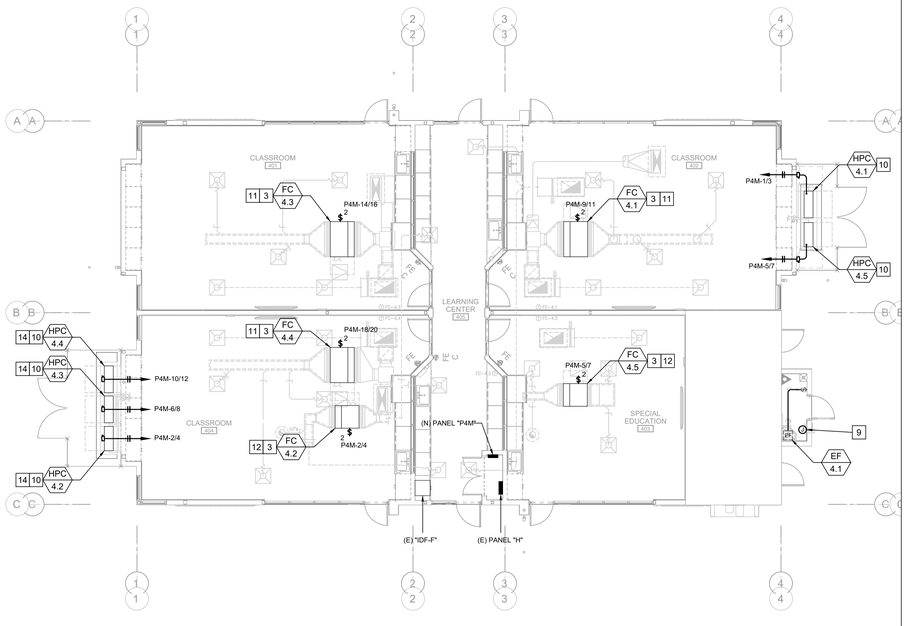
SCALE: 1/8" = 1'-0"



2 BUILDING 400 ELECTRICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"

BUILDING 400 - MECHANICAL AND PLUMBING EQUIPMENT FEEDER SCHEDULE											
TAG	EQUIPMENT	LOCATION	VOLTS	PHASE		FLA, MCA	MOCP	CONDUIT	FEEDER SIZE	HOMERUN PANEL	NOTES
FC-4.1	FAN COIL	CLASSROOM 402	208	1	3.38	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	H	SEPARATE POWER
FC-4.2	FAN COIL	CLASSROOM 404	208	1	-	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	H	POWERED BY OUTDOOR UNIT HPC-4.2
FC-4.3	FAN COIL	CLASSROOM 401	208	1	3.38	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	H	SEPARATE POWER
FC-4.4	FAN COIL	CLASSROOM 404	208	1	3.38	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	H	SEPARATE POWER
FC-4.5	FAN COIL	SPECIAL EDUCATION 403	208	1	-	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	H	POWERED BY OUTDOOR UNIT HPC-4.5
EF-4.1	EXHAUST FAN		120	1	12	WATTS		1/2"C	EXISTING LIGHT CIRCUIT		ON/OFF SWITCH PROVIDED AND INSTALLED BY EC
HPC-4.1	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	36	MCA	40	3/4"C	(2)#10 AND (1)#10 CU GND	HM	SEPARATE POWER
HPC-4.2	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	22	MCA	25	3/4"C	(2)#12 AND (1)#12 CU GND	HM	POWERS INDOOR UNIT
HPC-4.3	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	36	MCA	40	3/4"C	(2)#10 AND (1)#10 CU GND	HM	SEPARATE POWER
HPC-4.4	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	36	MCA	40	3/4"C	(2)#10 AND (1)#10 CU GND	HM	SEPARATE POWER
HPC-4.5	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	22	MCA	25	3/4"C	(2)#12 AND (1)#12 CU GND	HM	POWERS INDOOR UNIT



3 BUILDING 400 ELECTRICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"

REFERENCE NOTES

1. AT CEILING AREA TO BE REMOVE FOR NEW MECHANICAL UNITS. REMOVE, CLEAN, AND STORE EXISTING LIGHTS, FIRE ALARM DEVICES, OCCUPANCY SENSOR DURING DEMOLITION. REINSTALL IN SAME LOCATION DURING RECONSTRUCTION.
2. EXISTING EQUIPMENT TO BE REMOVED PER MECHANICAL PLANS. DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUITS FROM EXISTING PANELS (UON). LABEL THE CORRESPONDING BREAKERS AS "SPARE".
3. RE-USE THE EXISTING HOMERUN CONDUIT ((2)#12 + GROUND) FROM DEMOLISHED FAU IN ROOM F102. INTERCEPT EXISTING BRANCH CIRCUIT AND EXTEND NEW BRANCH CIRCUIT TO NEW FAN COILS. REMOVE AND SALVAGE THE EXISTING CIRCUIT BREAKERS AT H-7,9 TO THE OWNER, AND REPLACE WITH NEW 15A/2P BREAKER COMPATIBLE WITH EXISTING PANEL "H".
4. FUTURE CAMERA UNDER SOFFIT. PROVIDE 4S BOX WITH (1) BLUE CAT6 CABLE PER LOCATION. TERMINATE 1-PORT BISCUIT INSIDE BOX WITH SURFACE MOUNT 3/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE AS SHOWN. VERIFY EXACT LOCATION WITH DISTRICT IS&T PRIOR TO ROUGH-IN.
5. NEW PANEL. SEE SINGLE LINE DIAGRAM.
6. INSTALL (N) WALL SURFACE MOUNTED MOUNTED COMBO VOIP SPEAKER/CLOCK FOR INTERCOM/BELLS/PA (CONTRACTOR FURNISHED). CONTRACTOR SHALL ISURFACE MOUNTED (1) 1-1/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE. CONTRACTOR SHALL PROVIDE (1) CAT6 CABLE (WHITE) FOR POE CAPABLE DEVICE HOMERUNNED TO ASSOCIATED IDF. MOUNT SPEAKER/CLOCK 87" AFF (TO CENTERLINE OF DEVICE). VERIFY DESIRED LOCATION AND MOUNTING HEIGHT WITH DISTRICT REPRESENTATIVE.
7. EXTEND EXISTING BRANCH CIRCUIT TO NEW OUTDOOR OUTLET FROM NEAREST 120V OUTLET CIRCUIT.
8. REMOVE AND DISCONNECT EXISTING CLOCK. PATCH AND REPAIR WALL TO MATCH ADJACENT SURFACES.
9. PROVIDE 120V AND DATA CONNECTION TO ROUTER PANEL (DETAIL 3/MC-101) PER MECHANICAL PLANS. EXTEND NEAREST EXISTING 120V RECEPTACLE BRANCH CIRCUIT AND EXTEND TO ROUTER PANEL.
10. PROVIDE LINE VOLTAGE CONNECTION TO OUTDOOR MECHANICAL UNIT ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 3R FUSIBLE DISCONNECT PER MANUFACTURER'S REQUIREMENTS.
11. PROVIDE LINE VOLTAGE CONNECTION TO INDOOR MECHANICAL UNIT ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 1 FUSIBLE DISCONNECT PER MANUFACTURER'S REQUIREMENTS.
12. INDOOR MECHANICAL UNIT FED OFF OF OUTDOOR UNIT. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 1 DISCONNECT AND (1)3/4"C. WITH (2)#12THWN FROM THE OUTDOOR TO THE INDOOR UNIT PER MANUFACTURER'S REQUIREMENTS.
13. TEMPORARILY REMOVED EXISTING SURFACE RACEWAY IN THIS ROOM TO ALLOW INSTALLATION OF NEW TACKABLE WALL PANELS. RACEWAY CONTAINS CAT6 CABLES AND BRANCH CIRCUITING. CABLES MAY NEED TO BE REMOVED, RE-PULLED, AND RECONNECTED. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PANEL LOCATIONS.
14. MOUNT DISCONNECTS TO UNISTRUT IN FRONT OF UNIT.
15. INTERCEPT AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO NEW EXIT SIGN.

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 400
ELECTRICAL FLOOR PLANS

NO.	REVISION	DATE
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2		
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PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E4-101

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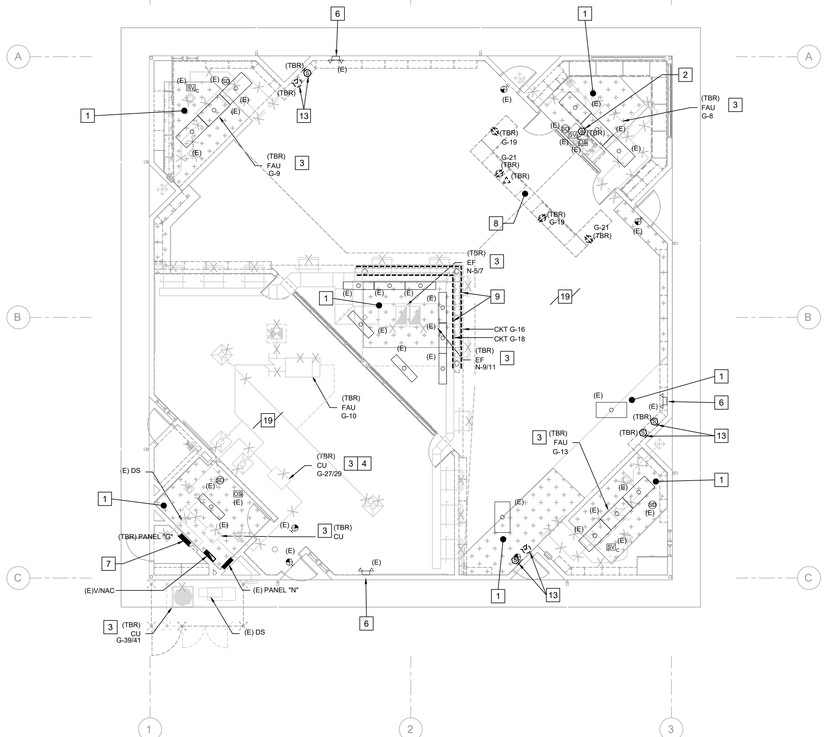
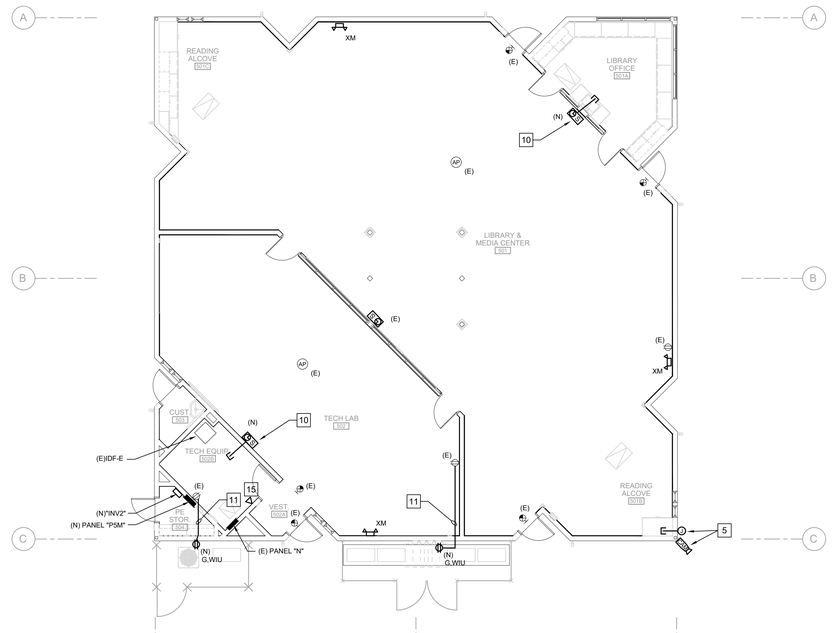


1 BUILDING 500 ELECTRICAL DEMOLITION FLOOR PLAN

SCALE: 1/8" = 1'-0"



2 BUILDING 500 ELECTRICAL FLOOR PLAN

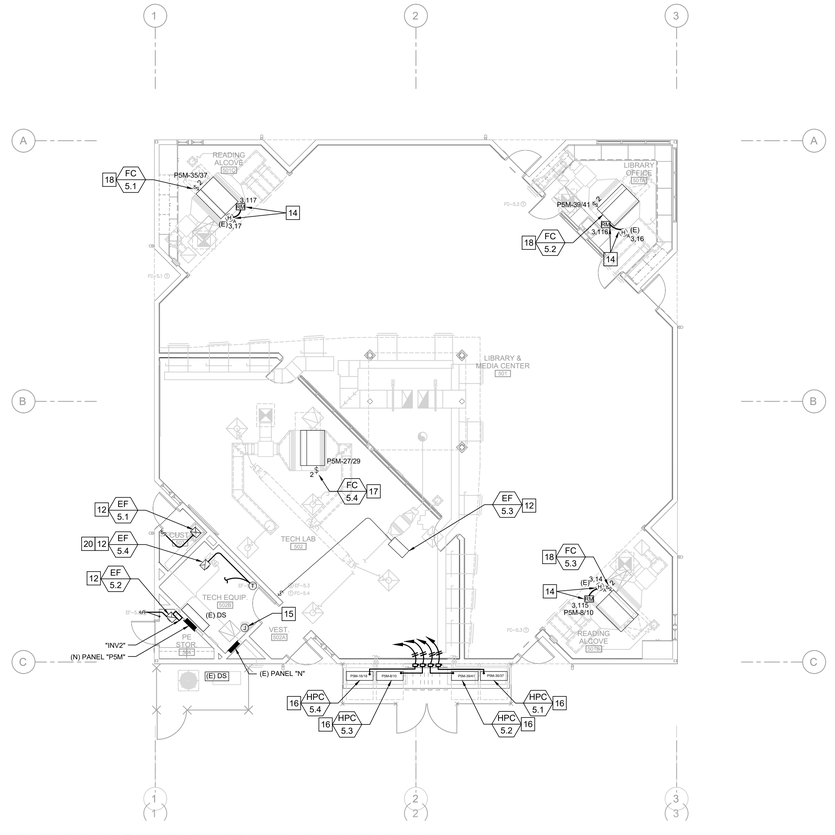
SCALE: 1/8" = 1'-0"

☐ REFERENCE NOTES

1. AT CEILING AREA TO BE REMOVE FOR NEW MECHANICAL UNITS. REMOVE, CLEAN, AND STORE EXISTING LIGHTS, FIRE ALARM DEVICES, OCCUPANCY SENSOR DURING DEMOLITION. REINSTALL IN SAME LOCATION DURING RECONSTRUCTION.
2. EXISTING SPEAKER TO BE REMOVE AND DISCONNECTED.
3. EXISTING EQUIPMENT TO BE REMOVED PER MECHANICAL PLANS. DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUITS FROM EXISTING PANELS (UON). LABEL THE CORRESPONDING BREAKERS AS "SPARE".
4. RE-USE EXISTING BREAKER AND CONNECT TO NEW FAN-COILS.
5. FUTURE WALL MOUNTED CAMERA LOCATION, PROVIDE 4S BOX, WITH (1) BLUE CAT6 CABLE PER LOCATION, TERMINATE 1-PORT BISCUIT INSIDE BOX, WITH SURFACE MOUNT 3/4" CONDUIT STUB TO ROOM ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION WITH DISTRICT IS&T PRIOR TO ROUGH-IN.
6. EXISTING EMERGENCY LIGHTING TO BE REPLACE WITH NEW.
7. EXISTING PANEL TO BE REPLACE WITH NEW PANEL CABINET AND BREAKERS.
8. REMOVE/DISCONNECT EXISTING OUTLETS AND DATA IN THIS ISLAND FURNITURE. LABEL THE CORRESONDING BREAKERS AS "SPARE".
9. REMOVE/DISCONNECT EXISTING COMBINATION POWER/DATA SURFACE WIRE WAY AT LOW WALL.
10. INSTALL (N) WALL SURFACE MOUNTED MOUNTED COMBO VOIP SPEAKER/CLOCK FOR INTERCOM/BELLS/PA (CONTRACTOR FURNISHED). CONTRACTOR SHALL SURFACE MOUNT (1) 1-1/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE. CONTRACTOR SHALL PROVIDE (1) CAT6 CABLE (WHITE) FOR POE CAPABLE DEVICE HOMERUNNED TO ASSOCIATED IDF. MOUNT SPEAKER/CLOCK 87" AFF (TO CENTERLINE OF DEVICE). VERIFY DESIRED LOCATION AND MOUNTING HEIGHT WITH DISTRICT REPRESENTATIVE.
11. EXTEND EXISTING BRANCH CIRCUIT TO NEW OUTDOOR OUTLET.
12. CONNECT EXHAUST WITH LIGHTING BRANCH CIRCUIT IN THIS ROOM.
13. REMOVE AND DISCONNECT EXISTING FLUSH-MOUNTED SPEAKER AND CLOCK. PATCH AND REPAIR WALL TO MATCH ADJACENT SURFACES.
14. PROVIDE NEW FIRE ALARM RELAY MODULE AT NEW AIR HANDLER UNIT TO SHUT DOWN UNIT UPON ACTIVATION OF THE FIRE ALARM SYSTEM. INTERCEPT EXISTING FIRE ALARM INITIATING CIRCUIT AT EXISTING FIRE ALARM DETECTOR AND EXTEND EXISTING CIRCUIT TO NEW FIRE ALARM RELAY MODULE. FIELD VERIFY EXACT LOCATION AND COORDINATE CONNECTION WITH MECHANICAL CONTRACTOR. SEE FIRE ALARM RISER DIAGRAM SHEET E-021.
15. PROVIDE 120V AND DATA CONNECTION FOR ROUTER PANEL PER MECHANICAL PLANS. INTERCEPT NEAREST EXISTING 120V RECEPTACLE CIRCUIT AND EXTEND TO NEW PANEL.
16. PROVIDE LINE VOLTAGE CONNECTION TO OUTDOOR MECHANICAL UNIT ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 3R FUSIBLE DISCONNECT PER MANUFACTURER'S REQUIREMENTS.
17. PROVIDE LINE VOLTAGE CONNECTION TO INDOOR MECHANICAL UNIT ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 1 FUSIBLE DISCONNECT PER MANUFACTURER'S REQUIREMENTS.
18. INDOOR MECHANICAL UNIT FED OFF OF OUTDOOR UNIT. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 1 DISCONNECT AND (1)3/4"C. WITH (2)#12THWN FROM THE OUTDOOR TO THE INDOOR UNIT PER MANUFACTURER'S REQUIREMENTS.
19. TEMPORARILY REMOVED EXISTING SURFACE RACEWAY IN THIS ROOM TO ALLOW INSTALLATION OF NEW TACKABLE WALL PANELS. RACEWAY CONTAINS CAT6 CABLES AND BRANCH CIRCUITING. CABLES MAY NEED TO BE REMOVED, RE-PULLED, AND RECONNECTED. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PANEL LOCATIONS.
20. PROVIDE 120V CONNECTION TO THERMOSTAT PER DETAIL 10/MC-103.

BUILDING 500 - MECHANICAL AND PLUMBING EQUIPMENT FEEDER SCHEDULE

TAG	EQUIPMENT	LOCATION	VOLTS	PHASE		FLA, MCA	MOCP	CONDUIT	FEEDER SIZE	HOMERUN PANEL	NOTES
FC-5.1	FAN COIL	READING ALCOVE 501C	208	1	-			1/2"C	(2)#12 AND (1)#12 CU GND	G	POWERED BY OUTDOOR UNITHPC-5.1
FC-5.2	FAN COIL	LIBRARY OFFICE 501A	208	1	-			1/2"C	(2)#12 AND (1)#12 CU GND	G	POWERED BY OUTDOOR UNITHPC-5.2
FC-5.3	FAN COIL	READING ALCOVE 501B	208	1	-			1/2"C	(2)#12 AND (1)#12 CU GND	G	POWERED BY OUTDOOR UNITHPC-5.3
FC-5.4	FAN COIL	TECH LAB 502	208	1	3.38	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	G	SEPARATE POWER
HPC-5.1	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	34	MCA	35	3/4"C	(2)#12 AND (1)#12 CU GND	G	POWERS INDOOR UNIT
HPC-5.2	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	34	MCA	35	3/4"C	(2)#12 AND (1)#12 CU GND	G	POWERS INDOOR UNIT
HPC-5.3	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	34	MCA	35	3/4"C	(2)#12 AND (1)#12 CU GND	G	POWERS INDOOR UNIT
HPC-5.4	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	36	MCA	40	3/4"C	(2)#10 AND (1)#10 CU GND	G	SEPARATE POWER
EF-5.1	EXHAUST FAN	CUST. 503	120	1	12	WATTS	15		EXISTING LIGHT CIRCUIT		ON/OFF SWITCH PROVIDED AND INSTALLED BY EC
EF-5.2	EXHAUST FAN	PE STOR 504	120	1	12	WATTS	15		EXISTING LIGHT CIRCUIT		ON/OFF SWITCH PROVIDED AND INSTALLED BY EC
EF-5.3	EXHAUST FAN	TECH LAB 502	120	1	318	WATTS	15		EXISTING LIGHT CIRCUIT		ON/OFF SWITCH PROVIDED AND INSTALLED BY EC
EF-5.4	EXHAUST FAN	TECH EQUIP 501B	120	1	121	WATTS	15		EXISTING LIGHT CIRCUIT		FAN CONTROLLED BY BMS PER MECHANICAL PLANS



2 BUILDING 500 ELECTRICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"

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SS ☑ FLS ☑ ACS ☑
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DSA APP. #: 03-125575
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EXPIRES: 09/30/26

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS

1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 500 ELECTRICAL FLOOR PLANS

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PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E5-101

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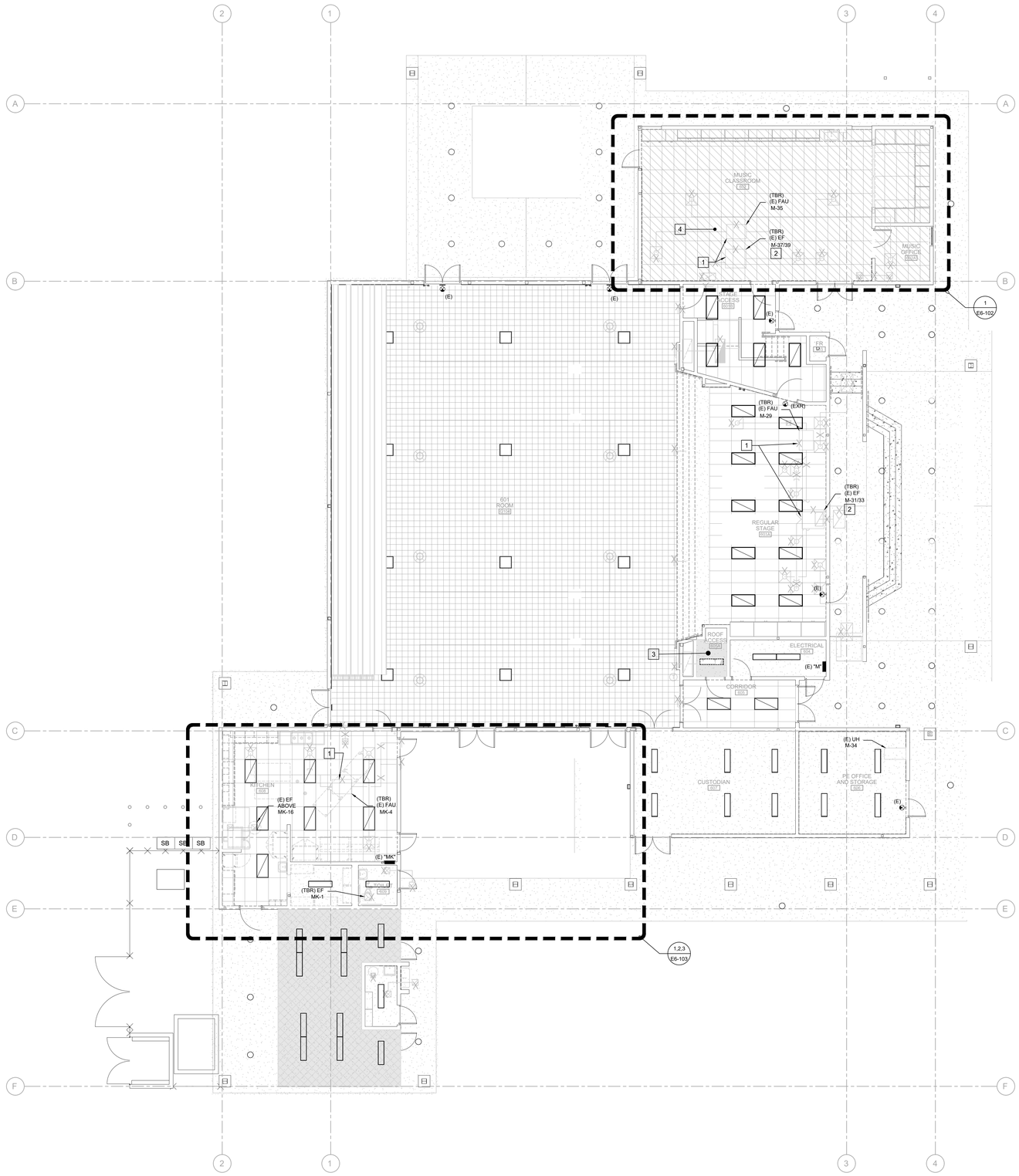

☐ REFERENCE NOTES

1. EXISTING EQUIPMENT TO BE REMOVED PER MECHANICAL PLANS. DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUITS FROM EXISTING PANELS (UON). LABEL THE CORRESPONDING BREAKERS AS "SPARE".
2. RE-USE EXISTING HOMERUN CONDUIT (2)#10 + GROUND) FROM DEMOLISHED EXHAUST FAN IN THIS ROOM. INTERCEPT EXISTING BRANCH CIRCUIT AND EXTEND NEW BRANCH CIRCUIT TO NEW FAN COIL IN THIS ROOM. THE EXISTING EXHAUST FAN IS FED WITH 30A/2P BREAKER. REMOVE AND SALVAGE THE EXISTING CIRCUIT BREAKER FOR THE OWNER, AND REPLACE WITH NEW 15A/2P BREAKER COMPATIBLE WITH THE EXISTING SIEMENS BREAKER IN PANEL "M"
3. EXISTING LIGHT FIXTURE TO BE REMOVED, PROTECTED, AND REINSTALLED.
4. APPROXIMATE LOCATION OF EXISTING PROJECTOR TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL REMOVE ANY ASSOCIATED POWER / DATA.

1 BUILDING 600 ELECTRICAL DEMOLITION FLOOR PLAN

SCALE:

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 600
ELECTRICAL FLOOR PLANS

NO.	REVISION	DATE
1		
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4		
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6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E6-101

DSA SUBMITTAL

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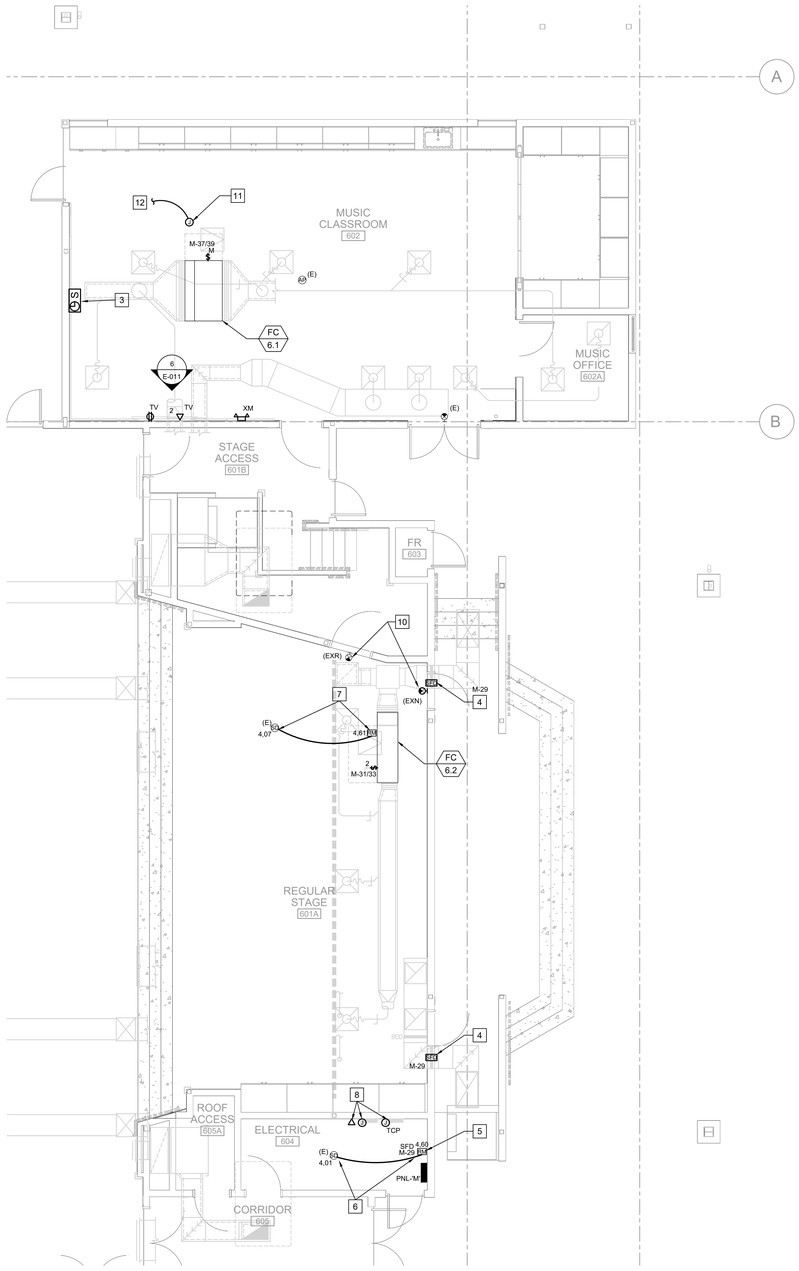
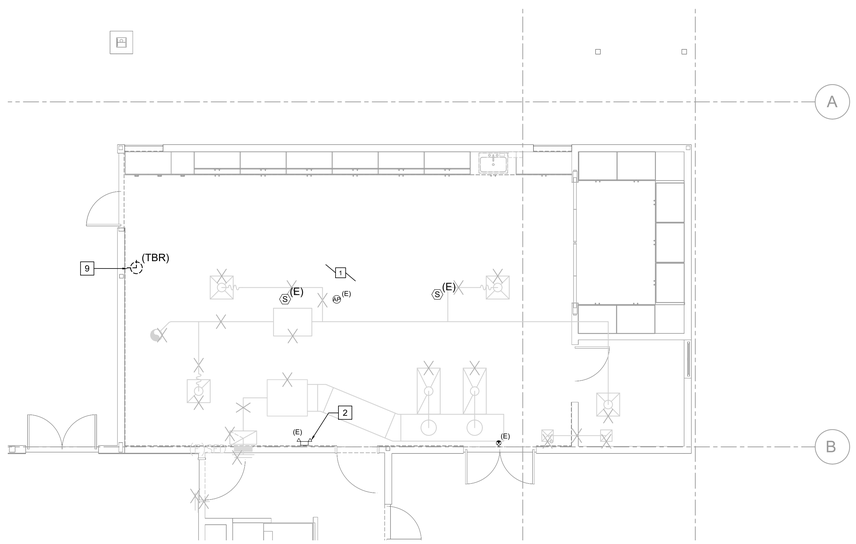


2 BUILDING 600 - ENLARGED ELECTRICAL PLAN AT MUSIC CLASSROOM

SCALE: 3/16" = 1'-0"



1 BUILDING 600 - ENLARGED DEMOLITION PLAN AT MUSIC CLASSROOM

SCALE: 3/16" = 1'-0"

BUILDING 600 - MECHANICAL AND PLUMBING EQUIPMENT FEEDER SCHEDULE

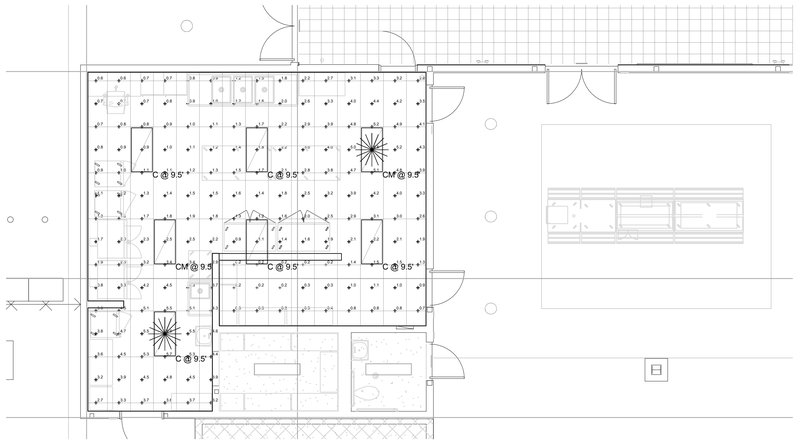
TAG	EQUIPMENT	LOCATION	VOLTS	PHASE		FLA, MCA	MOCP	CONDUIT	FEEDER SIZE	HOMERUN PANEL	NOTES
FC-6.1	FAN COIL	MUSIC CLASSROOM 602	208	1	3.38	MCA	15	E	EXISTING	M-37/39	REFER TO DEMO PLAN SHEET EG-101
FC-6.2	FAN COIL	REGULAR STAGE 601A	208	1	7.5	MCA	15	E	EXISTING	M-31/33	REFER TO DEMO PLAN SHEET EG-101
FC-6.3	FAN COIL	KITCHEN 608	208	1	3.38	MCA	15	1/2"C	(2)#10 AND (1)#10 CU GND	MK-31/33	
EF-6.1	EXHAUST FAN	TOILET 609	120	1	17	WATTS		E	EXISTING LIGHT CIRCUIT		RE-USING EXISTING BRANCH CIRCUIT
EF-6.2	EXHAUST FAN	CUSTODIAN 607	120	1	1/6	HP		E	EXISTING LIGHT CIRCUIT		ON/OPFF SWITCH PROVIDED AND INSTALLED BY EC
EF-6.3	EXHAUST FAN	PE OFFICE AND STORAGE 606	120	1	1/6	HP		E	EXISTING LIGHT CIRCUIT		ON/OPFF SWITCH PROVIDED AND INSTALLED BY EC
EF-6.4	EXHAUST FAN	PE OFFICE AND STORAGE 607	120	1	17	HP		E	EXISTING LIGHT CIRCUIT		ON/OPFF SWITCH PROVIDED AND INSTALLED BY EC
HPC-6.1	HEAT PUMP CONDENSING UNIT	ROOF	208	1	45	MCA	50	3/4"C	(2)#8 AND (1)#10 CU GND	MM-7/9	
HPC-6.2	HEAT PUMP CONDENSING UNIT	ROOF	208	1	38	MCA	40	3/4"C	(2)#8 AND (1)#10 CU GND	MM-11/13	
HPC-6.3	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	45	MCA	50	3/4"C	(2)#8 AND (1)#10 CU GND	MK-35/37	
RTU-6.1	VAV HEAT PUMP ROOFTOP UNIT	ROOF	208	3	67.4	MCA	70	1-1/4"C	(3)#4 + (1)#8 CU GND	MM-1/3/5	
RTU-6.2	VAV HEAT PUMP ROOFTOP UNIT	ROOF	208	3	67.4	MCA	70	1-1/4"C	(3)#4 + (1)#8 CU GND	MM-2/4/6	
ERV-6.1	HEAT PUMP CONDENSING UNIT	ROOF	208	1	7.7	MCA	15	1/2"C	(2)#10 AND (1)#10 CU GND	MM-7/9	

CBC 1008.3.5 ILLUMINATION LEVEL UNDER EMERGENCY POWER

EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGE TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FOOT-CANDLE AND A MINIMUM AT ANY POINT 0.1 FOOT-CANDLE MEASURE ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOT-CANDLE AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATION OF 40 TO 1 SHALL NOT BE EXCEEDED.

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
KITCHEN EM	+	2.4 fc	5.9 fc	0.2 fc	29.5:1	12.0:1



3 BUILDING 600 - ENLARGED EMERGENCY PHOTOMETRIC PLAN AT KITCHEN

SCALE: 3/16" = 1'-0"

☐ REFERENCE NOTES

1. TEMPORARILY REMOVE EXISTING SURFACE RACEWAY IN THIS ROOM TO ALLOW INSTALLATION OF NEW TACKABLE WALL PANELS. RACEWAY CONTAINS CAT6 CABLES AND BRANCH CIRCUIT. CABLES MAY NEED TO BE REMOVED, RE-PULLED, AND RECONNECTED. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PANEL LOCATIONS.
2. EXISTING EMERGENCY LIGHTING TO BE REPLACE WITH NEW.
3. INSTALL (N) WALL SURFACE MOUNTED MOUNTED COMBO VOIP SPEAKER/CLOCK FOR INTERCOM/BELLS/PA (CONTRACTOR FURNISHED). CONTRACTOR SHALL SURFACE MOUNTED (1) 1-1/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE. CONTRACTOR SHALL PROVIDE (1) CAT6 CABLE (WHITE) FOR POE CAPABLE DEVICE HOMERUNNED TO ASSOCIATED IDF. MOUNT SPEAKER/CLOCK 87" AFF (TO CENTERLINE OF DEVICE). VERIFY DESIRED LOCATION AND MOUNTING HEIGHT WITH DISTRICT REPRESENTATIVE.
4. PROVIDE 120V CONNECTION TO SMOKE FIRE DAMPER PER MECHANICAL PLANS. UTILIZE SPARE CIRCUIT BREAKER M-29 (CREATED FROM REMOVAL OF FURNACE, SEE DEMO PLAN E6-101). PROVIDE (1)3/4" CONDUIT WITH (2)#12 THWN AND (1)#12 CU GND.
5. INTERCEPT SMOKE FIRE DAMPER 120V BRANCH CIRCUIT AS SHOWN WITH FIRE ALARM SYSTEM RELAY MODULE AS SHOWN, DAMPER TO CLOSE UPON SIGNAL FROM FIRE ALARM SYSTEM. SEE FIRE ALARM RISER DIAGRAM SHEET E-021.
6. INTERCEPT EXISTING FIRE ALARM INITIATING CIRCUIT AT EXISTING FIRE ALARM DETECTOR AND EXTEND EXISTING CIRCUIT TO NEW FIRE ALARM RELAY MODULE. FIELD VERIFY EXACT LOCATION AND COORDINATE CONNECTION. SEE FIRE ALARM RISER DIAGRAM SHEET E-021.
7. PROVIDE NEW FIRE ALARM RELAY MODULE AT NEW AIR HANDLER UNIT TO SHUT DOWN UNIT UPON ACTIVATION OF THE FIRE ALARM SYSTEM. INTERCEPT EXISTING FIRE ALARM INITIATING CIRCUIT AT EXISTING FIRE ALARM DETECTOR AND EXTEND EXISTING CIRCUIT TO NEW FIRE ALARM RELAY MODULE. FIELD VERIFY EXACT LOCATION AND COORDINATE CONNECTION WITH MECHANICAL CONTRACTOR. SEE FIRE ALARM RISER DIAGRAM SHEET E-021.
8. PROVIDE 120V TO ROUTER PANEL (DETAIL 3/MC-101) AND TCP (DETAIL 12/MC-103_ PER MECHANICAL PLANS. PROVIDE DATA CONNECTION ONLY TO ROUTER PANEL. EXTEND NEAREST EXISTING 120V RECEPTACLE BRANCH CIRCUIT AND EXTEND TO ROUTER PANEL AND TCP.
9. REMOVE AND DISCONNECT EXISTING CLOCK. PATCH AND REPAIR WALL TO MATCH ADJACENT SURFACES.
10. EXISTING HIGH / LOW EXIT SIGN TO BE REMOVED AND RELOCATED TO NEW DOOR AS SHOWN. PATCH AND REPAIR WALL TO MATCH ADJACENT SURFACES.
11. PROVIDE 120V CONNECTION TO POWER PACK FOR ERV-6.1SHOWN ON DETAIL 8/MC-102. VERIFY EXACT LOCATION WITH MECHANICAL CONTRACTOR.
12. CONNECT TO EXISTING LIGHTING BRANCH CIRCUIT.

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DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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BUILDING 600 - ENLARGED PLANS AT MUSIC CLASSROOM

NO.	REVISION	DATE
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PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E6-102

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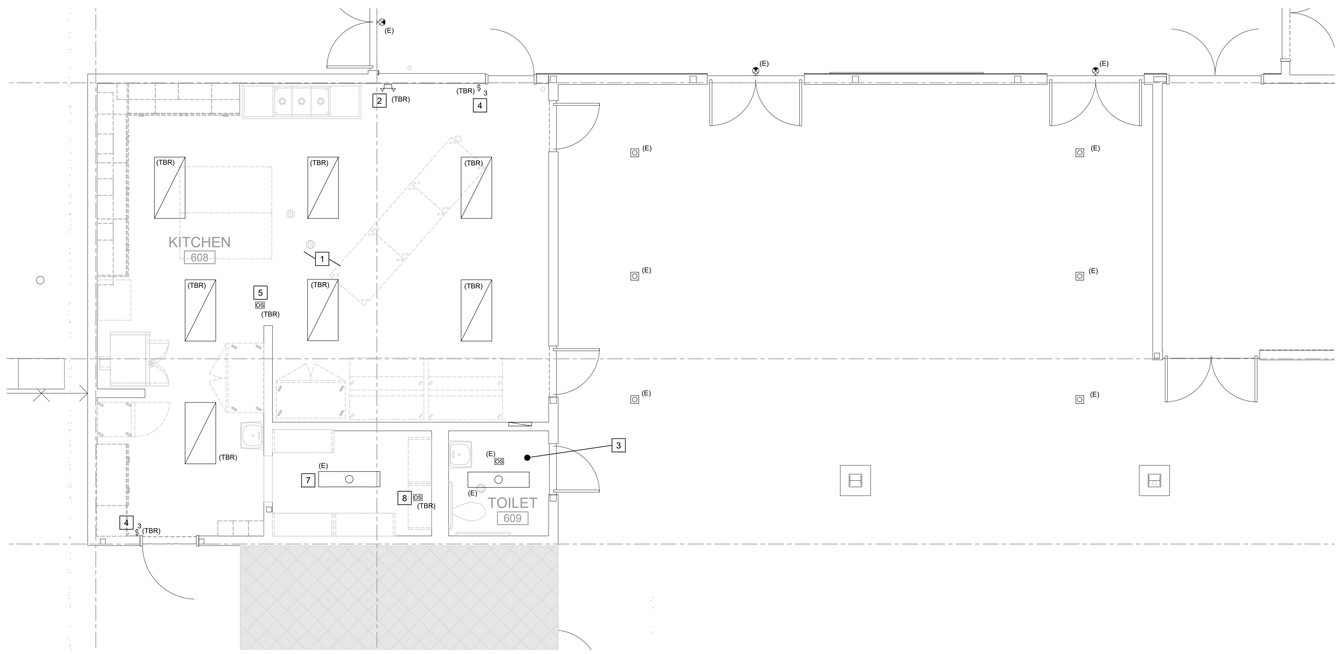
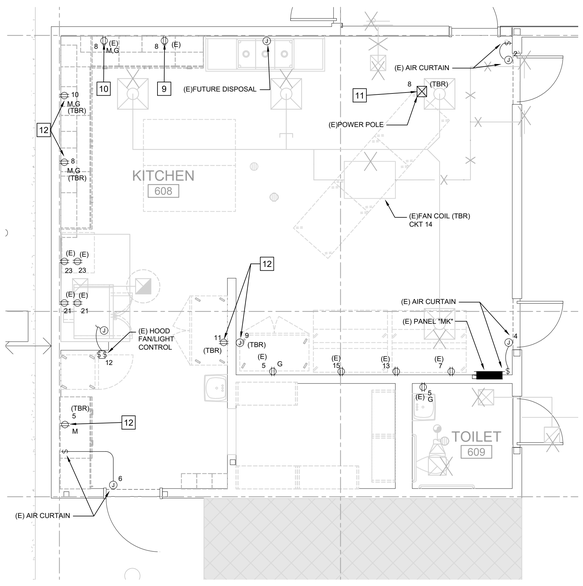


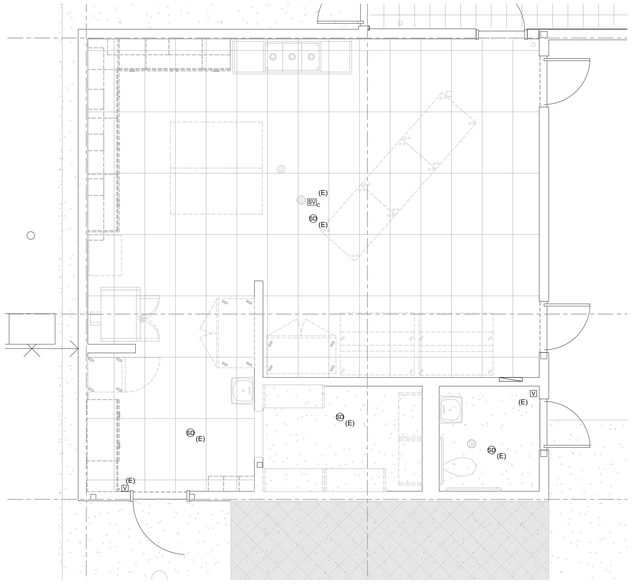
1 BUILDING 600 - ENLARGED DEMOLITION LIGHTING FLOOR PLAN AT KITCHEN

SCALE: 1/4" = 1'-0"



2 BUILDING 600 - ENLARGED DEMOLITION POWER FLOOR PLAN AT KITCHEN

SCALE: 1/4" = 1'-0"



3 BUILDING 600 - ENLARGED DEMOLITION FIRE ALARM FLOOR PLAN AT KITCHEN

SCALE: 1/4" = 1'-0"

REFERENCE NOTES

1. EXISTING LIGHTS AT KITCHEN TO BE REPLACE WITH NEW.
2. EXISTING EMERGENCY LIGHT TO BE REMOVED.
3. EXISTING LIGHT AND OCCUPANCY SENSOR IN THIS ROOM TO REMAIN.
4. EXISTING THREE WAY SWITCH TO BE REPLACE WITH NEW NLIGHT DIMMING CONTROL. REMOVE BRANCH CIRCUIT AND REPLACE WITH NEW CATSE CABLING.
5. EXISTING OCCUPANCY SENSOR TO BE REPLACE WITH NEW NLIGHT OCCUPANCY SENSOR.
6. NOT USED.
7. EXISTING LIGHT TO REMAIN.
8. EXISTING OCCUPANCY SENSOR TO BE RELACE WITH NEW LINE VOLTAGE OCCUPANCY SENSOR.
9. EXISTING OUTLET TO REMAIN. PROVIDE NEW GFCI OUTLET AND COVER PLATE.
10. EXISTING OUTLET TO BE RELOCATED BELOW UNDER NEW COUNTER.
11. EXISTING POWER POLE TO BE REMOVED AND DISCONNECTED. REMOVE ALL BRANCH CIRCUIT AND DATA WIRING AND TERMINATED FROM EXISTING IDF.
12. EXISTING OUTLET TO BE REMOVED. PROVIDE NEW COVER PLATE.

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BUILDING 600 - ENLARGED DEMOLITION ELECTRICAL PLAN AT KITCHEN AND SERVERY

NO.	REVISION	DATE
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PROJECT MANAGER: CJ
DRAWN BY: TR/AZ | CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E6-103

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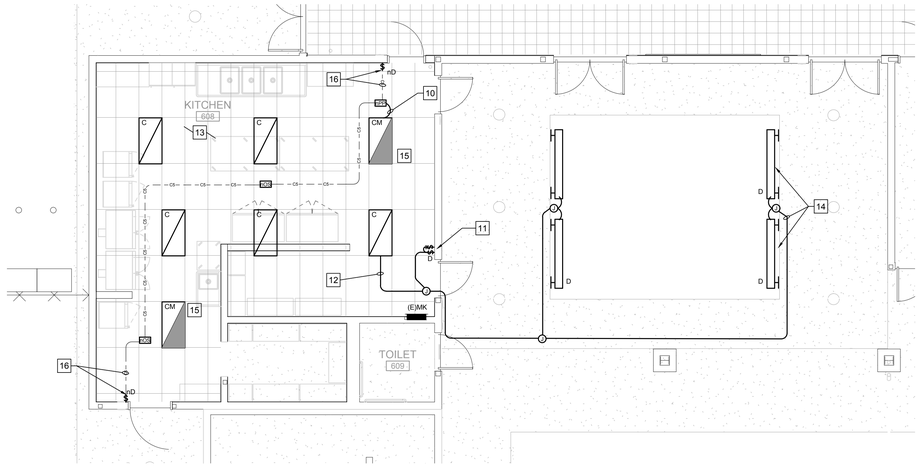
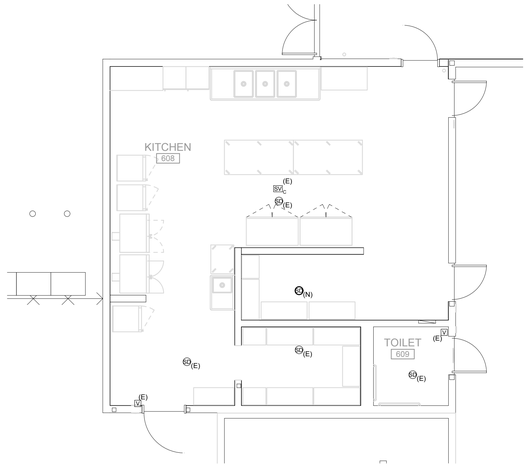


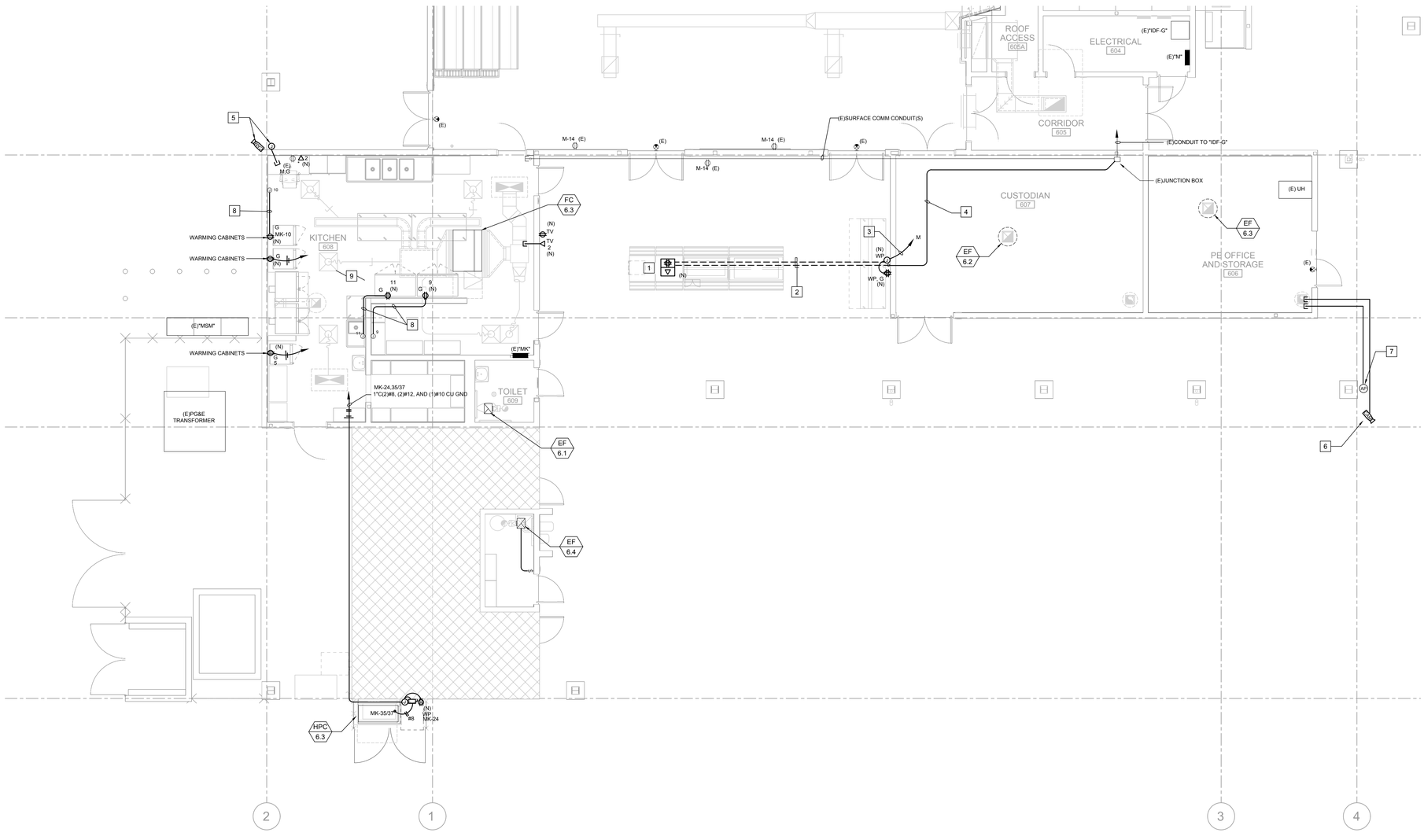
1 BUILDING 600 - ENLARGED LIGHTING PLAN AT KITCHEN/SERVERY

SCALE: 3/16" = 1'-0"



2 BUILDING 600 - ENLARGED FIRE ALARM PLAN AT KITCHEN

SCALE: 3/16" = 1'-0"



3 BUILDING 600 - ENLARGED ELECTRICAL/COMMUNICATION PLAN

SCALE: 3/16" = 1'-0"

☐ REFERENCE NOTES

1. PROVIDE (2) OUTDOOR RATED GROUND BOXES BY WIREMOLD. PROVIDE DOUBLE DUPLEX OUTLET IN ONE AND DATA PORT WITH (2)CAT6 CABLES IN THE OTHER. HOMERUN TO EXISTING IDF-G IN ELECTRICAL ROOM.
2. SAW CUT AND PATCH EXISTING CONCRETE. PROVIDE 3"C (BRANCH CIRCUIT) AND 1"C (DATA WIRING).
3. PROVIDE THREE NEW BRANCH CIRCUIT HOMERUN TO PANEL "M". PROVIDE DEDICATED CIRCUIT TO NEW FLOOR BOX AND SURFACE MOUNT DOUBLE DUPLEX BEHIND FOR MILK COOLER.
4. INSTEALL NEW 1"CONDUIT TO EXISTING PULL BOX IN THIS ROOM FOR NEW DATA WIRING TO EXISTING IDF-G.
5. FUTURE WALL MOUNTED CAMERA LOCATION. PROVIDE 4S BOX, WITH (1) BLUE CAT6 CABLE PER LOCATION, TERMINATE 1-PORT BISCUIT INSIDE BOX, WITH SURFACE MOUNT 3/4" CONDUIT STUB TO ROOM ABOVE ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION WITH DISTRICT IS&T PRIOR TO ROUGH-IN.
6. FUTURE CAMERA UNDER SOFFIT., PROVIDE 4S BOX, WITH (1) BLUE CAT6 CABLE PER LOCATION, TERMINATE 1-PORT BISCUIT INSIDE BOX, WITH SURFACE MOUNT 3/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE AS SHOWN. VERIFY EXACT LOCATION WITH DISTRICT IS&T PRIOR TO ROUGH-IN.
7. FUTURE WALL MOUNTED EXTERIOR WIFI MOUNTED ON COLUMN. INSTALL SURFACE MOUNTED 4S BOX WITH COVER PLATE AND SURFACE MOUNT 3/4"CONDUIT TO ACCESSIBLE SPACE AS SHOWN. COORDINATE EXACT LOCATION WITH DISTRICT REPRESENTATIVE PRIOR TO INSTALLATION.
8. INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT TO NEW OUTLET. ROUTE INSIDE WALLS. SURFACE MOUNT NOT ACCEPTED.
9. ALL NEW CONDUITS AT KITCHEN WALL SHALL NOT BE SURFACE MOUNTED. ROUTE INSIDE WALLS. REFER TO ARCHITECTURAL PLANS FOR WALL DEMOLITION.
10. INTERCEPT EXISTING LIGHTING BRANCH CIRCUIT AND ROUTE THROUGH NEW LIGHTING CONTROL POWER PACK FOR NEW LIGHTING CONTROLS.
11. PROVIDE 0-10 DIMMER SWITCH AND PRGRAMMABLE TIMER SWTICH WITH 2, 5, 10, 15, 30, 60 MINUTE BUTTON. ACUITY #PTS-60. LABEL SWITCH "EXTERIOR WALL LIGHT"
12. EXTEND EXISTING BRANCH CIRCUIT.
13. REFER TO ENLARGED PLAN 3 ON SHEET E6-102 FOR EMERGENCY PHOTOMETRIC PLAN ON THIS ROOM.
14. SURFACE MOUNT CONDUIT AND WALL MOUNT FIXTURE SLOPING WITH THE CEILING, 2" ABOVE THE EDGE OF THE CEILING IN SKYLIGHT WELL. INSTALL CONDUIT TIGHT TO THE CORNERS OF THE SOFFITS AND ROUTE UP INTO THE SKYLIGHT WELL WHEN POSSIBLE. PAINT CONDUIT TO MATCH CEILING COLOR. TYPICAL FOR FIXTURE TYPE "D".
15. PROVIDE UNSWITCHED HOT LEG OF ROOM LIGHTING BRANCH CIRCUIT TO EACH BATTERY POWERED EMERGENCY LIGHT FOR CONTINUOUS CHARGING.
16. NEW LOW VOLTAGE DIMMER SWTICH WITH NEW CAT5E CABLING. RE-USE EXISTING CONDUIT.

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SHEET: E6-104

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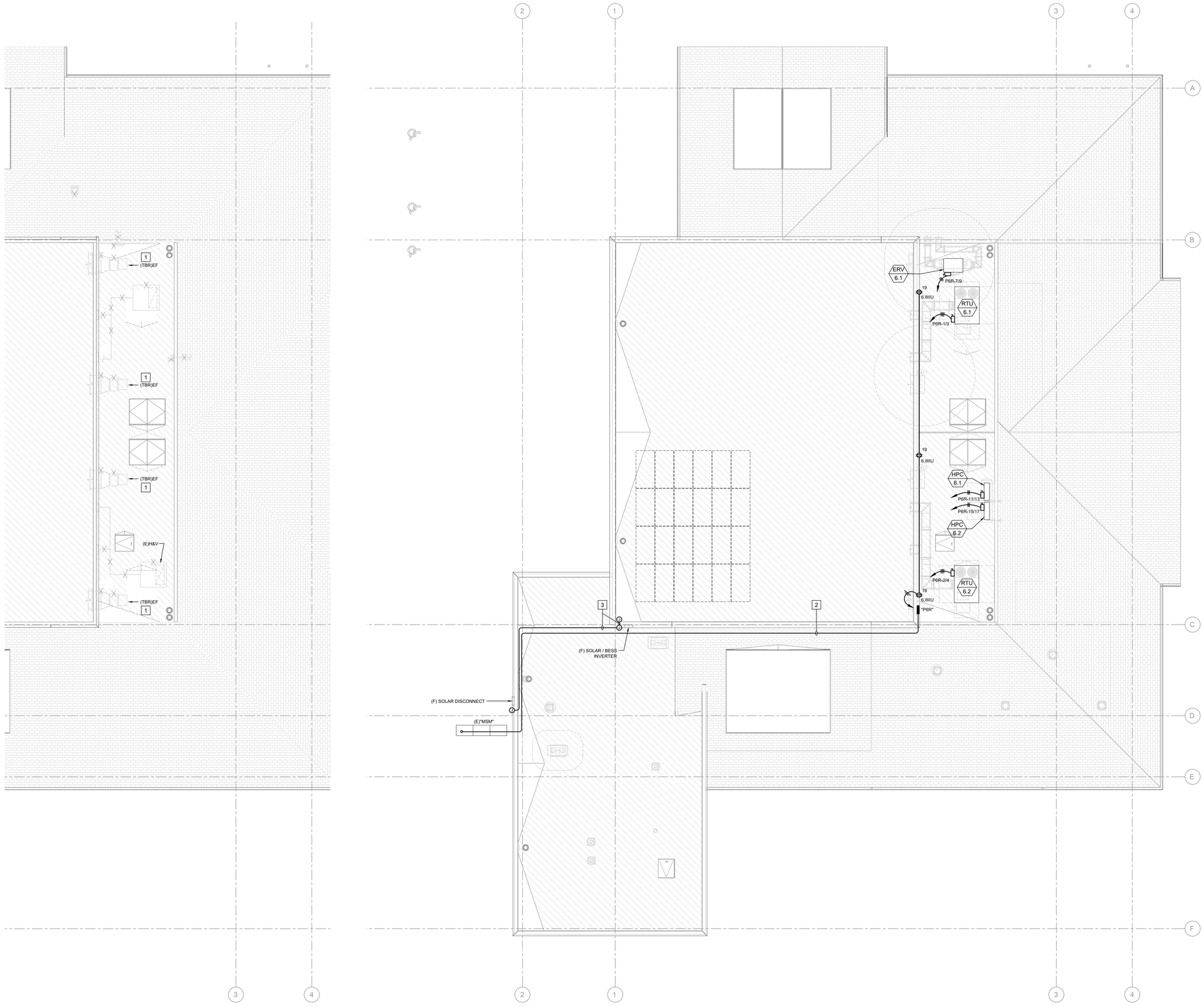

BUILDING 600
1 ELECTRICAL DEMOLITION ROOF PLAN

SCALE:

2 BUILDING 600 ELECTRICAL DEMOLITION FLOOR PLAN

SCALE:

☐ REFERENCE NOTES

1. EXISTING EQUIPMENT TO BE REMOVED PER MECHANICAL PLANS. DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUITS FROM EXISTING PANEL, AND LABEL THE CORRESPONDING BREAKERS AS "SPARE". VERIFY IF EXISTING EQUIPMENT ARE THE EXHAUST FANS CONNECTED TO THE EXISTING WIREWAY "M" LABELED IN THE MAIN SWITCHBOARD "MSM" AND FED WITH 70AMP 3P BREAKER.
2. PROVIDE NEW FEEDER CONDUIT PER SINGLE LINE DIAGRAM FOR NEW ROOF MOUNTED PANELBOARD.
3. PROVIDE 2" GRS CONDUIT FOR FUTURE SOLAR READY PROVISIONS. STUB CONDUIT TO 12" SQUARE X 6" DEEP NEMA 3R JUNCTION BOX AT BOTH ENDS. (ONE AT LOWER ROOF AND ONE AT HIGHER ROOF)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

rrm design group
rrmdesign.com | (805) 543-1794

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REGISTERED PROFESSIONAL ENGINEER
JEFFREY M. TAM
No. E18405
ELECTRICAL
STATE OF CALIFORNIA
EXPIRES: 09/30/26

CONSULTANT

thoma ENGINEERING
THOMA ELECTRIC, INC.
P.O. Box 1167 - 3562 Empleo St.
San Luis Obispo, CA 93406
Phone: (805) 543-3850
Fax: (805) 543-3829
cad@thomaelec.com
THOMA #25-8022

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 600 - ELECTRICAL ROOF PLANS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ
CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E6-105

DSA SUBMITTAL

8/23/2023 11:35:04 AM
C:\Users\vpelayo\Documents\PBWS-Central-22_vpelayo@rrmdesign.com.rvt

K:\ENG\2025\25-8022\25-8022_E6-105_BUILDING 600 ELECTRICAL ROOF PLANS.dwg - creyes - Dec 12, 2025 - 2:35pm

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 7 of 7)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Jeffrey M. Thoma	
Company: Thoma Electric, Inc	Signature Date: 2025-08-15
Address: 3562 Empleo Street	CEA/ HERS Certification Identification (if applicable): E20823
City/State/Zip: San Luis Obispo CA 93401	Phone: 805-543-3850

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Responsible Designer Signature:
JEFFREY M. THOMA	
Company: THOMA ELECTRIC, INC.	Date Signed: 2025-08-15
Address: 3562 EMPLEO STREET	License: E20823
City/State/Zip: SAN LUIS OBISPO CA 93401	Phone: (805) 543-3850

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 4 of 7)**
	Date Prepared:	8/15/2025

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector	
				Pass	Fail
PEDESTRIAN HARDSCAPE (KITCHEN)	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐

[1]*FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.*
[2]*Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*
[3]*Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 5 of 7)**
	Date Prepared:	8/15/2025

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

	01				
	☒ General Hardscape Allowance Table I (below)	"Use it or lose it" Allowance (select all that apply) (select all that apply)			
		☐ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☐ Per Specific Area Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
	Illuminated Area (ft^2)	Allowed Density (W/ft^2)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
PEDESTRIAN HARDSCAPE	961	0.019	18.3	127	0.2	19	37
					Initial Wattage Allowance for Entire Site (Watts):		200
					Instances of Initial Wattage Allowance (LZ 0 only)[1]		
					Total General Hardscape Allowance (Watts):		237

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 – BUILDING 600	**Report Page:**	**(Page 6 of 7)**
	Date Prepared:	8/15/2025

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	PEDESTRIAN HARDSCAPE (KITCHEN);

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 1 of 7)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.

A. GENERAL INFORMATION

01	Project Location (city)	SAN LUIS OBISPO	04	Total Illuminated Hardscape Area (ft^2)	961
02	Climate Zone	5			
03	Outdoor Lighting Zone per Title 24 Part 1	10.114 or as designated by Authority Having Jurisdiction (AHJ):			
☐	LZ-0: Very Low - Undeveloped Parkland	☒ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval		
☐	LZ-1: Low - Rural Areas	☐ LZ-3: Moderately High - Urban Areas			
05	Occupancy Types within Project				
● All Other Occupancies					

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02		
☒ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6		
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	○ Yes	○ No
03	04	05	
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method	
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%			

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 2 of 7)**
	Date Prepared:	8/15/2025

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv												Compliance Results		
01		02		03		04		05		06		07		08	09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	**Total Allowed** (Watts)	≥	**Total Actual** (Watts)	**07 must be >= 08**
237	+	---	+	---	+	---	+	---	OR	---	=	237	≥	62	COMPLIES
										Shielding Compliance (See Table G for Details)					N/A
										Controls Compliance (See Table H for Details)					COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SLCUSD CL SMITH PHASE 2 – BUILDING 600	**Report Page:**	**(Page 3 of 7)**
	Date Prepared:	8/15/2025

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1,2]	How is Wattage determined	Total Number Luminaires[2]	Luminaire Status[3]	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)1[4]	Field Inspector	
										Pass	Fail
D	D	☐ Linear	10.4	Mfr. Spec	6	New	☐	62.4	NA: < 6200 lumens	☐	☐
							Total Design Watts:	62			

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)*
[2] *For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*
[3] *Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.*
[4] *Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)*

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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REGISTERED PROFESSIONAL ENGINEER
JEFFREY M. THOMA
No. E20823
ELECTRICAL
STATE OF CALIFORNIA

EXPIRES: 09/30/26

CONSULTANT

THOMA ENGINEERING
THOMA ELECTRIC, INC.
P.O. Box 1167 - 3562 Empleo St.
San Luis Obispo, CA 93406
Phone: (805) 543-3850
Fax: (805) 543-3829
cas@thomaelec.com
THOMA #25-8022

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 600 - ENERGY COMPLIANCE T24 FORMS

NO.	REVISION	DATE
1		
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PROJECT MANAGER CJ
DRAWN BY TR/AZ | **CHECKED BY** CJ/JT
DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
SHEET E6-106

DSA SUBMITTAL

8/23/2023 11:35:04 AM
C:\Users\ypelayo\Documents\PBHS-Central-22_ypelayo@rrmdesign.com.rvt
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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 7 of 7)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Jeffrey M. Thoma	
Company:	Signature Date:
Thoma Electric, Inc	2025-08-15
Address:	CEA/ HERS Certification Identification (if applicable):
3562 Empleo Street	E20823
City/State/Zip:	Phone:
San Luis Obispo CA 93401	805-543-3850

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Responsible Designer Signature:
JEFFREY M. THOMA	
Company:	Date Signed:
THOMA ELECTRIC, INC.	2025-08-15
Address:	License:
3562 EMPLEO STREET	E20823
City/State/Zip:	Phone:
SAN LUIS OBISPO CA 93401	(805) 543-3850

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 4 of 7)**
	Date Prepared:	8/15/2025

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) // 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1/ 170.2(e)2A	Field Inspector	
								Pass	Fail
KITCHEN	Kitchen/ Food Preparation	Readily Accessible	Dimmer	Occupancy Sensor	NA: Rm < 24sf Glazing	NA: Rm < 24sf Glazing	No	☐	☐
						13			
						Plan Sheet Showing Daylit Zones:			

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used .

Conditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
KITCHEN/FOOD PREP	Kitchen/ Food Preparation	0.95	880	836	No	No
		TOTALS:	880	836	See Tables J, or P for detail	

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 5 of 7)**
	Date Prepared:	8/15/2025

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS

This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 6 of 7)**
	Date Prepared:	8/15/2025

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/ottcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	KITCHEN;

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 1 of 7)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.

A. GENERAL INFORMATION

01	Project Location (city)	SAN LUIS OBISPO	04	Total Conditioned Floor Area (ft²)	880
02	Climate Zone	5	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	1

● All Other Occupancies

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	880	Area Category Method	0
☐ New Lighting System - Parking Garage				
Total Area of Work (ft²)	880		0	

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 600	**Report Page:**	**(Page 2 of 7)**
	Date Prepared:	8/15/2025

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)						Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)				Compliance Results
	01	02	03	04		05		06	07	08	09
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	=	**Total Allowed** (Watts)	≥	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)	= **Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 140.6 / 170.2(e)**
	(See Table I)	(See Table I)	(See Table J)	(See Table K)				(See Table F)	(See Table P)		
Conditioned		836	0		=	836	≥	202	0	= 202	COMPLIES
Unconditioned					=		≥			=	
Controls Compliance (See Table H for Details)											COMPLIES
Rated Power Reduction Compliance (See Table Q for Details)											

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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Project Name: SLCUSD CL SMITH PHASE 2 – BUILDING 600	**Report Page:**	**(Page 3 of 7)**
	Date Prepared:	8/15/2025

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change[1]	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector	
									Pass	Fail
C	C	No	NA	33.6	Mfr. Spec	6	No	201.6	☐	☐
Total Designed Watts: CONDITIONED SPACES								202		

[1] *FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2] *Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.*

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

01	02	03	
		Field Inspector	
		Pass	Fail
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	☐	☐
NA: per H&LS	See Area/Space Level Controls		

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BUILDING 600 - ENERGY COMPLIANCE T24 FORMS

NO.	REVISION	DATE
1		
2		
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PROJECT MANAGER CJ
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DATE 12/12/2025
PROJECT NUMBER 0100-06-ED24
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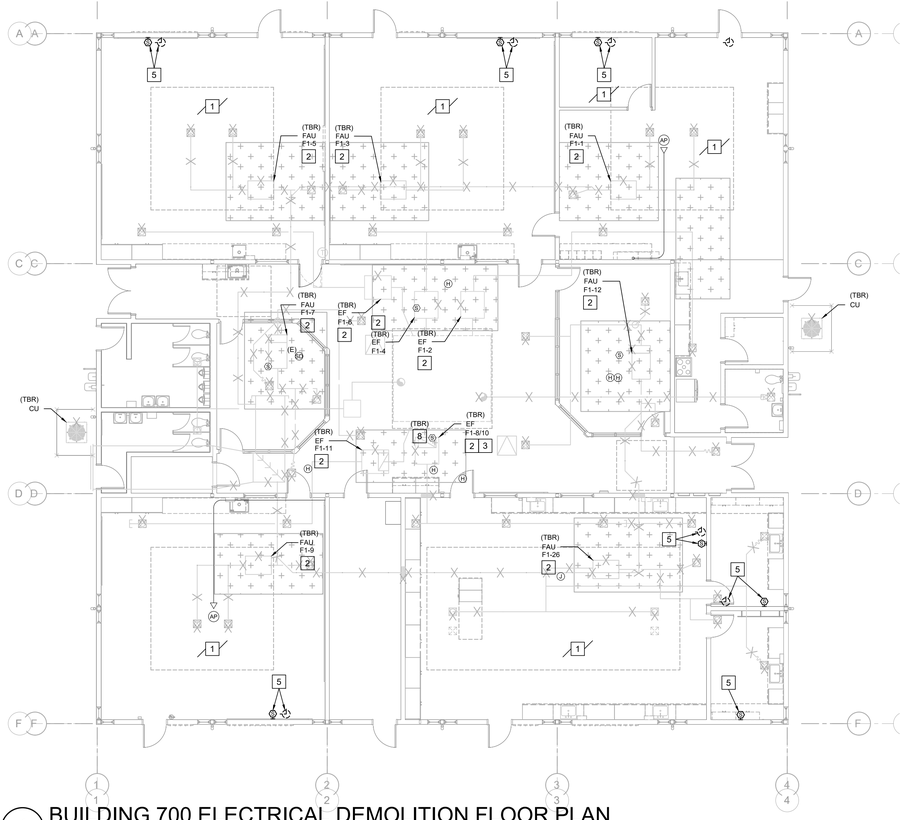
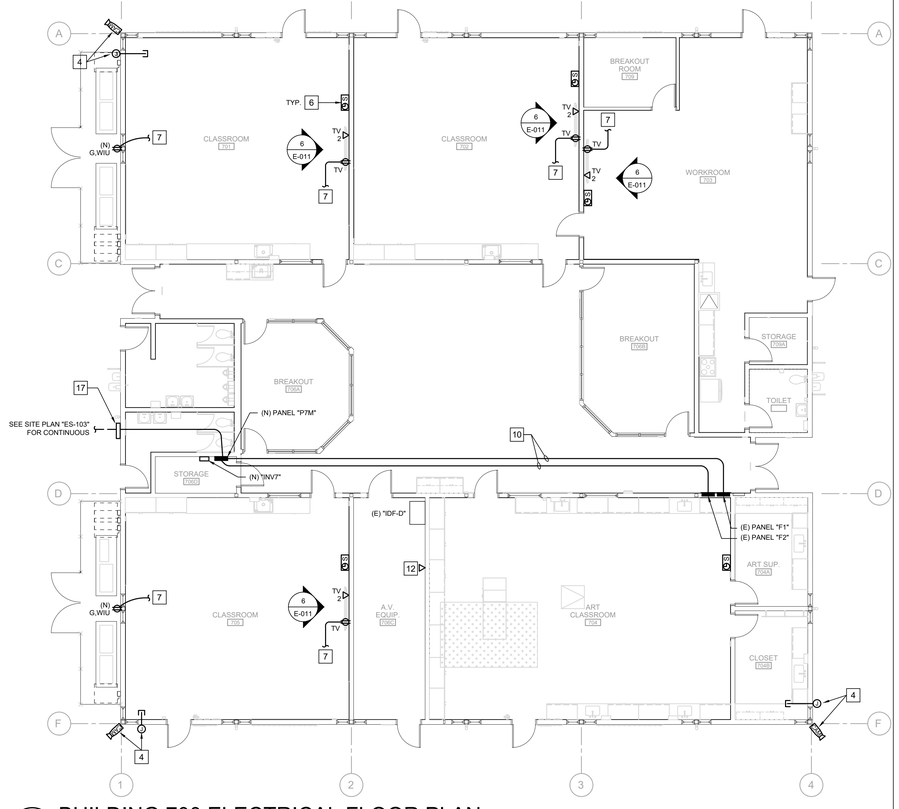


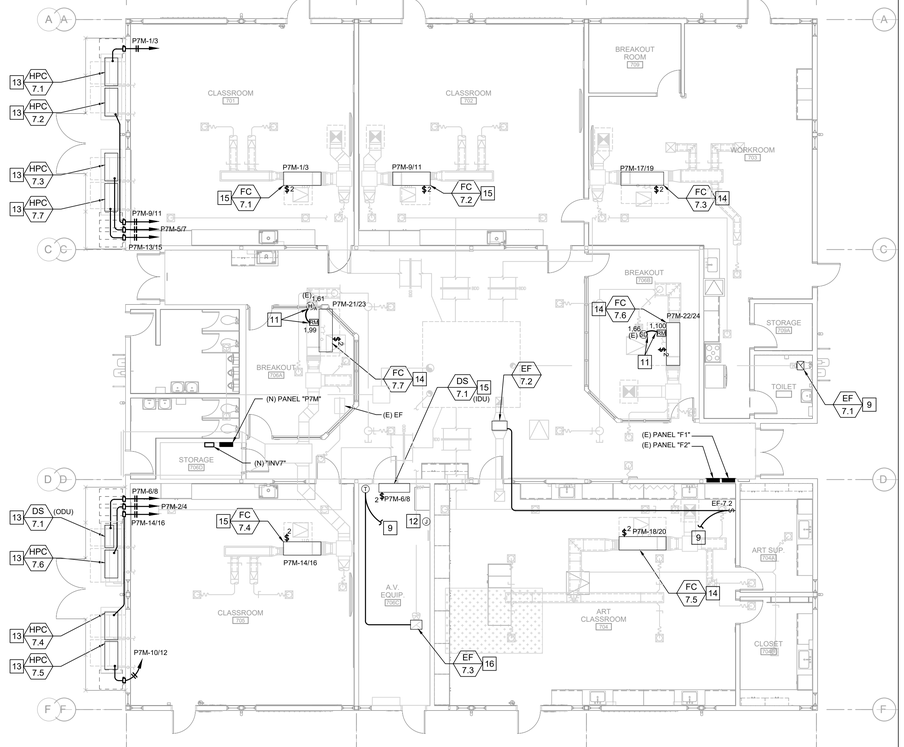
1 BUILDING 700 ELECTRICAL DEMOLITION FLOOR PLAN

SCALE: 1/8" = 1'-0"



2 BUILDING 700 ELECTRICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"



3 BUILDING 700 MEP CONNECTION FLOOR PLAN

SCALE: 1/8" = 1'-0"

BUILDING 700 - MECHANICAL AND PLUMBING EQUIPMENT FEEDER SCHEDULE											
TAG	EQUIPMENT	LOCATION	VOLTS	PHASE		FLA, MCA	MOCP	CONDUIT	FEEDER SIZE	HOMERUN PANEL	NOTES
FC-7.1	FAN COIL	CLASSROOM 701	208	1	-	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND		POWERED BY OUTDOOR UNIT HPC-7.1
FC-7.2	FAN COIL	CLASSROOM 702	208	1	-	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND		POWERED BY OUTDOOR UNIT HPC-7.2
FC-7.3	FAN COIL	WORKROOM 703	208	1	3.9	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	DM	SEPARATE POWER
FC-7.4	FAN COIL	CLASSROOM 705	208	1	-	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND		POWERED BY OUTDOOR UNIT HPC-7.4
FC-7.5	FAN COIL	ART CLASSROOM 704	208	1	3.9	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	DM	SEPARATE POWER
FC-7.6	FAN COIL	BREAKROOM 706B	208	1	3.9	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	DM	SEPARATE POWER
FC-7.7	FAN COIL	BREAKROOM 706A	208	1	3.9	MCA	15	1/2"C	(2)#12 AND (1)#12 CU GND	DM	SEPARATE POWER
HPC-7.1	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	25	MCA	30	3/4"C	(2)#12 AND (1)#12 CU GND	DM	POWERED INDOOR UNIT
HPC-7.2	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	25	MCA	30	3/4"C	(2)#12 AND (1)#12 CU GND	DM	POWERED INDOOR UNIT
HPC-7.3	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	38	MCA	40	3/4"C	(2)#10 AND (1)#10 CU GND	DM	SEPARATE POWER
HPC-7.4	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	25	MCA	30	3/4"C	(2)#10 AND (1)#10 CU GND	DM	POWERED INDOOR UNIT
HPC-7.5	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	38	MCA	40	3/4"C	(2)#10 AND (1)#10 CU GND	DM	SEPARATE POWER
HPC-7.6	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	38	MCA	40	3/4"C	(2)#10 AND (1)#10 CU GND	DM	SEPARATE POWER
HPC-7.7	HEAT PUMP CONDENSING UNIT	EXTERIOR BUILDING	208	1	38	MCA	40	3/4"C	(2)#10 AND (1)#10 CU GND	DM	SEPARATE POWER
EF-7.1	EXHAUST FAN	TOILET - D102	120	1	17	WATTS			EXISTING LIGHT CIRCUIT		INTERLOCK WITH FAN WITH LIGHT
EF-7.2	EXHAUST FAN	ART CLASSROOM - 704	120	1	467	WATTS			EXISTING LIGHT CIRCUIT		ON/OFF SWITCH PROVIDED AND INSTALLED BY EC
EF-7.3	EXHAUST FAN	ART CLASSROOM - 704	120	1	121	WATTS			EXISTING LIGHT CIRCUIT		FAN CONTROLLED BY BMS PER MECHANICAL PLANS
DS-7.1	DUCTLESS SPLIT (INDOOR UNIT)	AV EQUIP. 706C	POWERED BY OUTDOOR UNIT								
	DUCTLESS SPLIT (OUTDOOR UNIT)	EXTERIOR BUILDING	208	1	23	MCA	25	3/4"C	(2)#10 AND (1)#10 CU GND	DM	

☐ REFERENCE NOTES

1. TEMPORARILY REMOVED EXISTING SURFACE RACEWAY IN THIS ROOM TO ALLOW INSTALLATION OF NEW TACKABLE WALL PANELS. RACEWAY CONTAINS CAT6 CABLES AND BRANCH CIRCUITING. CABLES MAY NEED TO BE REMOVED, RE-PULLED, AND RECONNECTED. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PANEL LOCATIONS.
2. EXISTING EQUIPMENT TO BE REMOVED PER MECHANICAL PLANS. DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUITS FROM EXISTING PANELS (UON). LABEL THE CORRESPONDING BREAKERS AS "SPARE".
3. RE-USE EXISTING HOMERUN CONDUIT (2)#10 + GROUND) FROM DEMOLISHED EXHAUST FAN IN THIS ROOM. INTERCEPT EXISTING BRANCH CIRCUIT AND EXTEND NEW BRANCH CIRCUIT TO NEW FAN COIL IN THIS ROOM. THE EXISTING EXHAUST FAN IS FED WITH 30A/2P BREAKER. REMOVE AND SALVAGE THE EXISTING CIRCUIT BREAKER TO THE OWNER, AND REPLACE WITH NEW 15A/2P BREAKER COMPATIBLE WITH THE EXISTING SIEMENS PANEL.
4. FUTURE WALL MOUNTED CAMERA LOCATION, PROVIDE 4S BOX, WITH (1) BLUE CAT6 CABLE PER LOCATION, TERMINATE 1-PORT BISCUIT INSIDE BOX, WITH SURFACE MOUNT 3/4" CONDUIT STUB TO ACCESSIBLE ACCESSIBLE ATTIC SPACE. VERIFY EXACT LOCATION WITH DISTRICT IS&T PRIOR TO ROUGH-IN.
5. REMOVE AND DISCONNECT EXISTING FLUSH-MOUNTED SPEAKER AND CLOCK. PATCH AND REPAIR WALL TO MATCH ADJACENT SURFACES.
6. INSTALL (N) WALL SURFACE MOUNTED MOUNTED COMBO VOIP SPEAKER/CLOCK FOR INTERCOM/BELLS/PA (CONTRACTOR FURNISHED). CONTRACTOR SHALL ISURFACE MOUNTED (1) 1-1/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE. CONTRACTOR SHALL PROVIDE (1) CAT6 CABLE (WHITE) FOR POE CAPABLE DEVICE HOMERUNNED TO ASSOCAITED IDF. MOUNT SPEAKER/CLOCK 87" AFF (TO CENTERLINE OF DEVICE). VERIFY DESIRED LOCATION AND MOUNTING HEIGHT WITH DISTRICT REPRESENTATIVE.
7. EXTEND EXISTING BRANCH CIRCUIT FROM NEAREST 120V OUTLET.
8. DISCONNECT/REMOVE EXISTING FLUSH MOUNTED SPEAKER.
9. CONNECT EXHAUST FAN WITH EXISTING LIGHTING CIRCUIT IN THIS ROOM.
10. PROVIDE NEW FEEDERS FROM PANEL "P7M" TO RE-FEED EXISTING PANELS. SEE SINGLE LINE DIAGRAM ON SHEET E-003. FEEDERS SHALL BE ROUTED WITHIN THE EXISTING ACCESSIBLE ATTIC SPACE.
11. PROVIDE NEW FIRE ALARM RELAY MODULE AT NEW AIR HANDLER UNIT TO SHUT DOWN UNIT UPON ACTIVATION OF THE FIRE ALARM SYSTEM. INTERCEPT EXISTING FIRE ALARM INITIATING CIRCUIT AT EXISTING FIRE ALARM DETECTOR AND EXTEND EXISTING CIRCUIT TO NEW FIRE ALARM RELAY MODULE. FIELD VERIFY EXACT LOCATION AND COORDINATE CONNECTION WITH MECHANICAL CONTRACTOR. SEE FIRE ALARM RISER DIAGRAM SHEET E-021.
12. PROVIDE 120V AND DATA CONNECTION FOR ROUTER PANEL (DETAIL 3/MC-101) PER MECHANICAL PLANS. EXTEND NEAREST EXISTING 120V RECEPTACLE BRANCH CIRCUIT AND EXTEND TO ROUTER PANEL.
13. PROVIDE LINE VOLTAGE CONNECTION TO OUTDOOR MECHANICAL UNIT ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 3R FUSIBLE DISCONNECT PER MANUFACTURER'S REQUIREMENTS.
14. PROVIDE LINE VOLTAGE CONNECTION TO INDOOR MECHANICAL UNIT ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 1 FUSIBLE DISCONNECT PER MANUFACTURER'S REQUIREMENTS.
15. INDOOR MECHANICAL UNIT FED OFF OF OUTDOOR UNIT. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH MECHANICAL PLANS AND PROVIDE 2-POLE NEMA 1 DISCONNECT AND (1)3/4"C. WITH (2)#12THWN FROM THE OUTDOOR TO THE INDOOR UNIT PER MANUFACTURER'S REQUIREMENTS.
16. PROVIDE 120V CONNECTION TO THERMOSTAT PER DETAIL 10/MC-103.
17. TERMINATE 4" FEEDER CONDUIT TO 24" SQUARE X 6" DEEP NEMA 3R JUNCTION BOX. MOUNT CABINET AS HIGH AS PRACTICAL AT WALL.

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CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 700
ELECTRICAL FLOOR PLANS

NO.	REVISION	DATE

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ | CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E7-101

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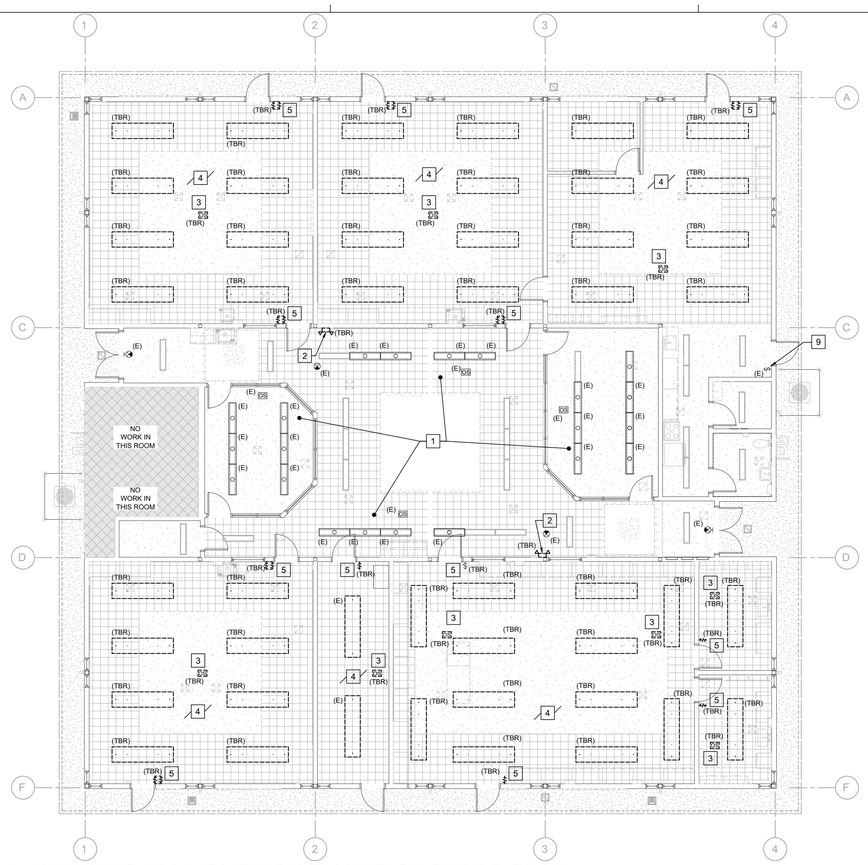
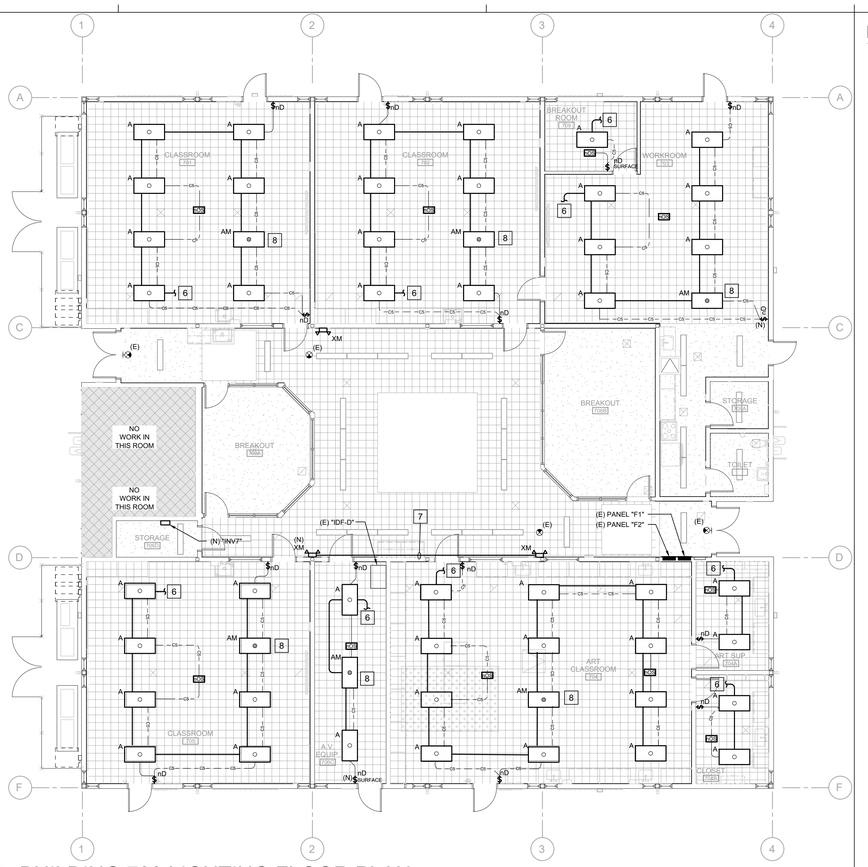


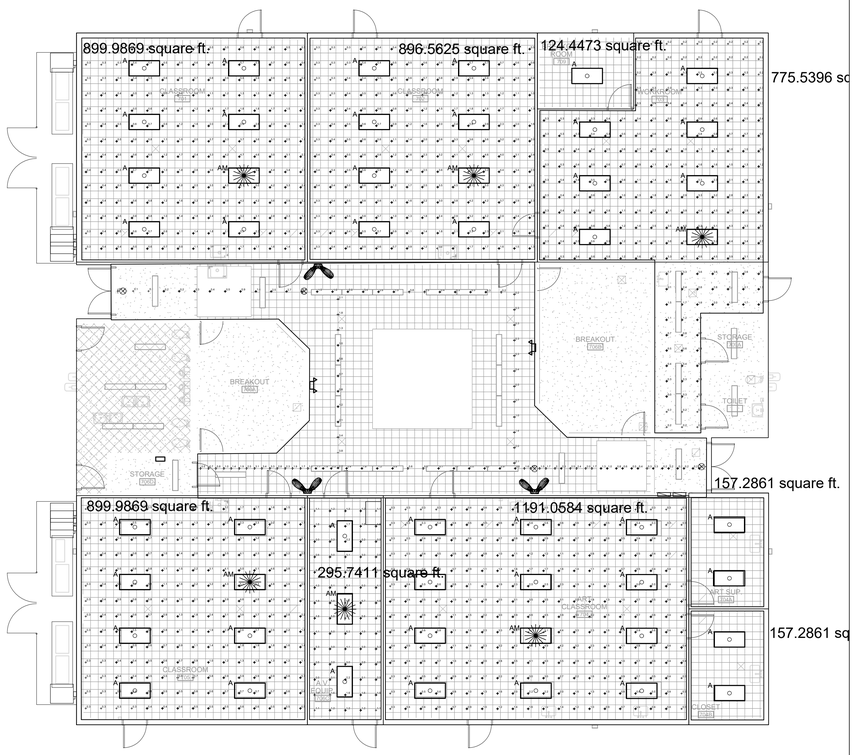
1 BUILDING 700 LIGHTING DEMOLITION FLOOR PLAN

SCALE: 1/8" = 1'-0"



2 BUILDING 700 LIGHTING FLOOR PLAN

SCALE: 1/8" = 1'-0"



3 BUILDING 700 EMERGENCY PHOTOMETRIC PLAN

SCALE: 1/8" = 1'-0"

REFERENCE NOTES

1. CEILING AREA TO BE REMOVE FOR NEW MECHANICAL UNITS. REMOVE, CLEAN, AND STORE EXISTING LIGHTS, AND OCCUPANCY SENSOR DURING DEMOLITION. REINSTALL IN SAME LOCATION DURING RECONSTRUCTION.
2. EXISTING EMERGENCY LIGHTING TO BE REPLACE WITH NEW.
3. EXISTING LINE VOLTAGE OCCUPANCY SENSORS TO BE REPLACE WITH NEW LOW VOLTAGE NLIGHT SENSOR. REMOVE EXISTING WIRING AND REPLACE WITH CAT5E CABLING.
4. EXISTING LIGHTS TO BE REMOVED AND DISCONNECTED IN THIS ROOM. PROVIDE NEW LIGHTS AT NEW LOCATION PER LIGHTING PLAN. REMOVE ANY EXISTING JUNCTION BOXES AND PROVIDE NEW JUNCTION BOXES AT NEW LIGHT LOCATIONS. EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO NEW LOCATIONS.
5. EXISTING LINE VOLTAGE SWITCH IN CLASSROOM TO BE REPLACED WITH LOW VOLTAGE nLIGHT SYSTEM DIMMING SWITCH. REMOVE BRANCH CIRCUIT AND REPLACE WITH NEW CAT5E CABLING.
6. INTERCEPT AND EXTEND EXISTING CLASSROOM LIGHTING BRANCH CIRCUIT TO POWER NEW LIGHT FIXTURES AS SHOWN.
7. EXTEND EXISTING BRANCH CIRCUIT FROM EXISTING EMERGENCY LIGHTING BRANCH CIRCUIT.
8. PROVIDE UNSWITCHED HOT LEG OF ROOM LIGHTING BRANCH CIRCUIT TO EACH BATTERY POWERED EMERGENCY LIGHT FOR CONTINUOUS CHARGING.
9. EXISTING SWITCH TO CONTROL EXISTING LIGHTING TO REMAIN.

CBC 1008.3.5 ILLUMINATION LEVEL UNDER EMERGENCY POWER

EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGE TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FOOT-CANDLE AND A MINIMUM AT ANY POINT 0.1 FOOT-CANDLE MEASURE ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOT-CANDLE AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATION OF 40 TO 1 SHALL NOT BE EXCEEDED.

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
ART CLASSROOM 704 EM	+	1.2 fc	5.1 fc	0.3 fc	17.0:1	4.0:1
AV EQUIP. 706C EM	+	3.1 fc	6.1 fc	1.1 fc	5.5:1	2.8:1
CLASSROOM 701 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
CLASSROOM 702 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
CLASSROOM 705 EM	+	1.4 fc	5.3 fc	0.3 fc	17.7:1	4.7:1
EM PATH OF EGRESS	+	1.3 fc	3.8 fc	0.1 fc	38.0:1	13.0:1
Workroom 703 EM	+	1.2 fc	5.3 fc	0.2 fc	26.5:1	6.0:1

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BUILDING 700
LIGHTING FLOOR PLAN

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 700	**Report Page:**	**(Page 7 of 8)**
	Date Prepared:	8/15/2025

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	CLASSROOMS; ART SUPPLIES AND CLOSET; BREAKOUT ROOM; AV EQUIP;

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CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
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Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Jeffrey M. Thoma	
Company: Thoma Electric, Inc	Signature Date: 2025-08-15
Address: 3562 Empleo Street	CEA/ HERS Certification Identification (if applicable): E20823
City/State/Zip: San Luis Obispo CA 93401	Phone: 805-543-3850

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Responsible Designer Signature:
JEFFREY M. THOMA	
Company: THOMA ELECTRIC, INC.	Date Signed: 2025-08-15
Address: 3562 EMPLEO STREET	License: E20823
City/State/Zip: SAN LUIS OBISPO CA 93401	Phone: (805) 543-3850

STATE OF CALIFORNIA
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CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
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H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) // 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1/ 170.2(e)2A	Field Inspector	
								Pass	Fail
CLASSROOMS	Classroom, Lecture, or Training Vocational	Readily Accessible	Dimmer	Occupancy Sensor	NA: Rm < 24sf Glazing	NA: Rm < 24sf Glazing	No	☐	☐
ART SUPPLIES AND CLOSET	General Commercial Industrial Work AreaLow Bay	Readily Accessible	Dimmer	Occupancy Sensor	NA: Rm < 24sf Glazing	NA: Rm < 24sf Glazing	No	☐	☐
BREAKOUT ROOM	Convention, Conference, Multipurpose and Meeting Center	Readily Accessible	Dimmer	Occupancy Sensor	NA: Rm < 24sf Glazing	NA: Rm < 24sf Glazing	No	☐	☐
AV EQUIP	Commercial Industrial Storage Area	Readily Accessible	Dimmer	Occupancy Sensor	NA: Rm < 24sf Glazing	NA: Rm < 24sf Glazing	No	☐	☐
							13		
							Plan Sheet Showing Daylit Zones:		

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used .

Conditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
CLASSROOMS	Classroom, Lecture, or Training Vocational	0.6	4,516	2,709.6	No	No

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CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
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I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

MANUFACTURING, COMMERCIAL INDUSTRIAL WORK AREA	General Commercial Industrial Work Area Precision	0.85	314	266.9	No	No
CONFERENCE/MEETING	Convention, Conference, Multipurpose and Meeting Center	0.75	124	93	No	No
STORAGE	Commercial Industrial Warehouse	0.4	296	118.4	No	No
			TOTALS:	5,250	3,187.9	See Tables J, or P for detail

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS

This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This section does not apply to this project.

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CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
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P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.		
Project Name: SLCUSD CL SMITH PHASE 2 - BUILDING 700	**Report Page:**	**(Page 1 of 8)**
Project Address: 1375 BALBOA STREET	**Date Prepared:**	8/15/2025

A. GENERAL INFORMATION

01	Project Location (city)	SAN LUIS OBISPO	04 Total Conditioned Floor Area (ft²)	5,250
02	Climate Zone	5	05 Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1

● Classroom ● Commercial Industrial ● Warehouse ● All Other Occupancies

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	5250	Area Category Method	0
☐ New Lighting System - Parking Garage				
Total Area of Work (ft²)	5250		0	

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)						Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)				Compliance Results
	01	02	03	04		05		06	07	08	09
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	=	**Total Allowed** (Watts)	≥	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)	= **Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 140.6 / 170.2(e)**
	(See Table I)	(See Table I)	(See Table J)	(See Table K)				(See Table F)	(See Table P)		
Conditioned		3,187.9	0		=	3,188	≥	1,545	0	= 1545	COMPLIES
Unconditioned					=		≥			=	
Controls Compliance (See Table H for Details)											COMPLIES
Rated Power Reduction Compliance (See Table Q for Details)											

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA
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F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change[1]	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector	
									Pass	Fail
A	A	No	NA	30.3	Mfr. Spec	51	No	1,545.3	☐	☐
					Total Designed Watts: CONDITIONED SPACES			1,545		

[1] *FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2] *Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.*

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

01	02	03	
		Field Inspector	
		Pass	Fail
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	☐	☐
NA: per H&LS	See Area/Space Level Controls		

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125575 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/04/2026

DSA FILE #: 40-62
DSA APP. #: 03-125575
PROJECT TRACKING #: 68809-91

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rrmdesign.com | (805) 543-1794

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REGISTERED PROFESSIONAL ENGINEER
JEFFREY M. THOMA
No. E20823
ELECTRICAL
STATE OF CALIFORNIA
EXPIRES: 09/30/26

CONSULTANT

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Phone: (805) 543-3850
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cad@thomaelec.com
THOMA #25-8022

CL SMITH ELEMENTARY - MEASURE C - PHASE 2 - MODERNIZATIONS
1375 BALBOA ST, SAN LUIS OBISPO, CA 93405

BUILDING 700 - ENERGY COMPLIANCE T24 FORMS

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		

PROJECT MANAGER: CJ
DRAWN BY: TR/AZ | CHECKED BY: CJ/JT
DATE: 12/12/2025
PROJECT NUMBER: 0100-06-ED24
SHEET: E7-103

DSA SUBMITTAL

8/23/2023 11:35:04 AM
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