ARCHITECT'S VISUALIZATION, DETAILS MAY VARY

ARCHITECT'S VISUALIZATION, DETAILS MAY VARY

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

BID SET
MARCH 6, 2026

JAYSON
ARCHITECTURE

587 Shotwell Street
San Francisco CA 94110
jaysonarch.com
415.317.0529

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
COVER SHEET

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Codes
Date 03/17/26
Subject to Field Approval. Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024-01
SHEET NUMBER **G0.00**

3/6/2026 2:32:18 PM

PROJECT DESCRIPTION

- RENOVATION OF EXISTING MIXED-USE BUILDING
  a. UPPER LEVEL: LIBRARY
  b. LOWER LEVEL: UNOCCUPIED
- NO CHANGE TO OCCUPANCY CLASS, BUILDING TYPE, HEIGHT, NUMBER OF STORIES, OR AREA
- NEW MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS
- NEW INTERIOR PARTITIONS, CASEWORK, AND FINISHES
- NEW SIDING, INSULATION, ROOFING, WEATHER BARRIER, AND WATERPROOFING
- NEW STORM DRAINAGE SYSTEM
- NEW WINDOWS
- NEW ACCESSIBLE PARKING AND PATH OF TRAVEL
- NEW RETAINING WALLS AND SITE WORK
- NEW STRUCTURAL WORK
- NEW SPRINKLER SYSTEM UPPER AND LOWER LEVELS

PROJECT DATA

BUILDING & PLANNING CODE DATA

PLANNING CODE EDITION:	2023 MADERA COUNTY ZONING ORDINANCE	
BUILDING CODE EDITION:	2022 CALIFORNIA BUILDING CODE 2022 CALIFORNIA MECHANICAL CODE 2022 CALIFORNIA ELECTRICAL CODE 2022 CALIFORNIA PLUMBING CODE	
OCCUPANCY CLASS:	UPPER LEVEL: A-3 - LIBRARY LOWER LEVEL: B - UNOCCUPIED	(NO CHANGE PROPOSED) (NO CHANGE PROPOSED)
SQUARE FOOTAGE:	4,355 SF	(NO CHANGE PROPOSED)
CONSTRUCTION TYPE:	V-B	(NO CHANGE PROPOSED)
EXISTING BUILDING:	NOT SPRINKLERED	
PROPOSED RENOVATION:	SPRINKLERED	

BID ALTERNATES

ALTERNATE #1: SOUTH DECK
- SOUTH DECK SQUARE FOOTAGE

ALTERNATE #2:MEETING RM GLASS WALL
- FRAMELESS GLASS WALL

ALTERNATE #3:EXTENDED SOUTH DECK
- ADDITIONAL SOUTH DECK SF

ALTERNATE #4:CHILDREN'S RM GLASS WALL
- FRAMELESS GLASS WALL

ALTERNATE #5:DESIGN BUILD IRRIGATION
- IRRIGATION

UNIT COST #1: ADA PARKING

- ADA PARKING AND PATH OF TRAVEL IMPROVEMENTS

SHEET INDEX

INDEX - GENERAL

G0.00	COVER SHEET
G0.01	SHEET INDEX & GENERAL NOTES
G0.02	SYMBOLS & ABBREVIATIONS
G1.00	CODE SUMMARY & SITE EGRESS
G1.10	OCCUPANCY EGRESS PLANS
G1.20	PLUMBING CALCULATIONS
G1.30	ACCESSIBILITY & COMPLIANCE STANDARD DETAILS
G1.40	CAL GREEN CHECKLIST
G1.41	CAL GREEN CHECKLIST
G1.42	CAL GREEN CHECKLIST
G1.43	CAL GREEN CHECKLIST

Total Sheets: 11

INDEX - CIVIL

C0.01	CIVIL SHEET INDEX, LEGEND,AND ABBREVIATIONS
C0.02	CIVIL NOTES
C1.00	EXISTING CONDITIONS PLAN
C2.00	DEMOLITION PLAN
C3.00	CIVIL SITE PLAN
C4.00	GRADING PLAN
C5.00	UTILITY PLAN
C6.00	CONSTRUCTION DETAILS
C6.01	CONSTRUCTION DETAILS
C6.02	CONSTRUCTION DETAILS
C6.03	CONSTRUCTION DETAILS UNIT COST #1
C6.04	CONSTRUCTION DETAILS
C7.00	EROSION CONTROL PLAN
C7.01	EROSION CONTROL NOTES AND DETAILS

Total Sheets: 14

INDEX - ARCHITECTURAL

A1.10	DEMO - SITE PLAN
A1.20	DEMO - FLOOR PLAN - LOWER LEVEL
A1.21	DEMO - FLOOR PLAN - UPPER LEVEL
A1.30	DEMO - REFLECTED CEILING PLAN - LOWER LEVEL
A1.31	DEMO - REFLECTED CEILING PLAN - UPPER LEVEL
A1.40	DEMO - ROOF PLAN
A1.50	DEMO - EXTERIOR ELEVATIONS
A1.51	DEMO - EXTERIOR ELEVATIONS
A1.60	DEMO - BUILDING SECTIONS
A2.10	SITE PLAN
A2.20	FLOOR PLAN - LOWER LEVEL
A2.21	FLOOR PLAN - UPPER LEVEL
A2.23	LAYOUT PLAN - LOWER LEVEL
A2.24	LAYOUT PLAN - UPPER LEVEL
A2.30	REFLECTED CEILING PLAN - LOWER LEVEL
A2.31	REFLECTED CEILING PLAN - UPPER LEVEL
A2.40	ROOF PLAN
A2.50	ENLARGED PLAN - ENRTY PLAZA - UNIT COST
A2.51	ENLARGED PLANS - DECK - ALT1 & ALT3
A2.52	ENLARGED RESTROOM PLAN AND ELEVATIONS
A3.10	EXTERIOR ELEVATIONS
A3.11	EXTERIOR ELEVATIONS
A3.12	EXTERIOR ELEVATIONS - ALT 1&3
A3.13	EXTERIOR ELEVATIONS - ALT 1&3
A3.20	WINDOW ELEVATIONS
A3.50	BUILDING SECTIONS
A3.51	BUILDING SECTIONS
A3.52	BUILDING SECTIONS - ALT 1 & 3
A5.00	INTERIOR ELEVATIONS
A5.01	INTERIOR ELEVATIONS
A5.10	INTERIOR GLAZING ELEVATIONS
A5.20	ENLARGED CASEWORK PLANS
A5.21	CASEWORK ELEVATIONS
A6.00	WALL SECTIONS
A6.01	WALL SECTIONS
A6.02	WALL SECTIONS

INDEX - ARCHITECTURAL

A6.03	WALL SECTIONS
A6.04	WALL SECTIONS
A7.00	TYPICAL EXTERIOR ASSEMBLIES
A7.01	EXTERIOR DETAILS - FOUNDATION
A7.02	EXTERIOR DETAILS - WALL
A7.03	EXTERIOR DETAILS - WALL
A7.04	EXTERIOR DETAILS - WINDOW
A7.05	EXTERIOR DETAILS - WINDOW
A7.06	EXTERIOR DETAILS - WINDOW / DOOR
A7.07	EXTERIOR DETAILS - WINDOW / DOOR
A7.08	EXTERIOR DETAILS - DECK BID ALT 1&3
A7.09	EXTERIOR DETAILS - TYPICAL PVC ROOF
A7.10	EXTERIOR DETAILS - ROOF
A7.11	EXTERIOR DETAILS - ROOF
A7.12	SITE DETAILS
A7.13	EXTERIOR DETAILS - SERVICE YARD SCREEN
A7.14	SITE DETAIL - UNIT PRICE #1 ITEMS
A7.15	SITE DETAIL - UNIT PRICE #1 ITEMS
A8.00	TYPICAL INTERIOR ASSEMBLIES
A8.01	TYPICAL INTERIOR PARTITION DETAILS
A8.10	TYPICAL ACOUSTIC CEILING TILE DETAILS
A8.11	TYPICAL DETAILS - CEILING
A8.20	INTERIOR DETAILS
A8.21	INTERIOR DETAILS
A8.22	INTERIOR DETAILS
A8.24	INTERIOR DETAILS - TRANSITIONS, THRESHOLDS, BASES
A8.25	INTERIOR DETAILS - GLAZING
A8.60	CASEWORK DETAILS - CHILDRENS
A8.61	CASEWORK DETAILS - CHILDRENS
A8.62	CASEWORK DETAILS - LOBBY
A8.63	CASEWORK DETAILS - STAFF
A8.64	CASEWORK DETAILS - CIRC DESK & SELF-CHECK
A9.00	ROOM FINISH SCHEDULE / DOOR SCHEDULE
A9.10	FINISH PLAN
A9.20	FURNITURE PLAN (FOR REFERENCE ONLY)
A9.60	RENDERINGS
A9.61	RENDERINGS
A9.62	RENDERINGS
A9.63	RENDERINGS
A9.64	RENDERINGS
A9.65	RENDERINGS
A9.66	RENDERINGS

Total Sheets: 78

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SG1.00	SIGNAGE PLAN - UPPER LEVEL
SG1.01	SIGNAGE SCHEDULES
SG2.01	CODE SIGNAGE ELEVATIONS
SG2.02	CODE SIGNAGE DETAILS
SG2.03	WAYFINDING SIGNAGE ELEVATIONS & DETAILS

Grand total: 5

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S1.01	ABBREVIATIONS AND GENERAL NOTES
S1.02	GENERAL NOTES
S1.03	GENERAL NOTES
S1.04	GENERAL NOTES
S2.01	FOUNDATION PLAN
S2.02	FIRST FLOOR FRAMING PLAN
S2.03	ROOF FRAMING PLAN
S2.12	FIRST FLOOR FRAMING PLAN ALTERNATE
S3.01	ELEVATIONS
S5.10	TYPICAL CONCRETE DETAILS
S5.11	CONCRETE DETAILS
S5.12	CONCRETE DETAILS
S5.13	FOUNDATION DETAILS
S8.00	NAILING SCHEDULE

INDEX - STRUCTURAL

S8.10	WOOD DETAILS
S8.20	TYPICAL SHEAR WALL DETAILS
S8.30	TYPICAL FRAMING
S8.31	FRAMING DETAILS
S8.32	FRAMING DETAILS
S8.33	FRAMING DETAILS

Total Sheets: 20

INDEX - MECHANICAL

M0.00	COVER SHEET
M0.01	SCHEDULES
M2.20	MECHANICAL FLOOR PLAN - LOWER LEVEL
M2.21	MECHANICAL FLOOR PLAN - UPPER LEVEL
M2.40	MECHANICAL ROOF PLAN
M5.00	MECHANICAL ENLARGED PLANS & SECTION
M7.00	MECHANICAL CONTROLS
M8.00	MECHANICAL DETAILS
M9.00	TITLE 24
M9.01	TITLE 24
M9.02	TITLE 24

Total Sheets: 11

INDEX - PLUMBING

P0.00	PLUMBING COVER SHEET
P0.01	PLUMBING SCHEDULE
P2.20	PLUMBING FLOOR PLAN - LOWER LEVEL
P2.21	PLUMBING FLOOR PLAN - UPPER LEVEL
P2.40	PLUMBING ROOF PLAN
P8.00	PLUMBING DETAILS
P9.00	TITLE 24

Total Sheets: 7

INDEX - FIRE PROTECTION

FP0.00	COVER SHEET
FP2.20	FIRE PROTECTION FLOOR PLAN - LOWER LEVEL
FP2.21	FIRE PROTECTION FLOOR PLAN - UPPER LEVEL
FP3.00	SECTIONS

Total Sheets: 4

INDEX - ELECTRICAL / TELECOMMUNICATIONS

E-001	COVER SHEET - ELECTRICAL
E-101	SITE PLAN - ELECTRICAL
E-201	UPPER FLOOR PLAN - LIGHTING
E-301	UPPER FLOOR PLAN - POWER
E-401	SCHEDULES & SLD
E-501	ELECTRICAL DETAILS
E-601	ENERGY COMPLIANCE FORMS
E-602	ENERGY COMPLIANCE FORMS
E-603	ENERGY COMPLIANCE FORMS
E-604	ENERGY COMPLIANCE FORMS
E-605	ENERGY COMPLIANCE FORMS
ED-101	UPPER FLOOR ELECTRICAL DEMO PLAN

Total Sheets: 12

REFERENCE DOCUMENTS

1. EXISTING AS-BUILT DRAWINGS (SUPPLIED BY COUNTY)
2. HAZARDOUS BUILDING MATERIALS REPORT (SUPPLIED BY COUNTY)

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(415) 730-7994

GENERAL NOTES

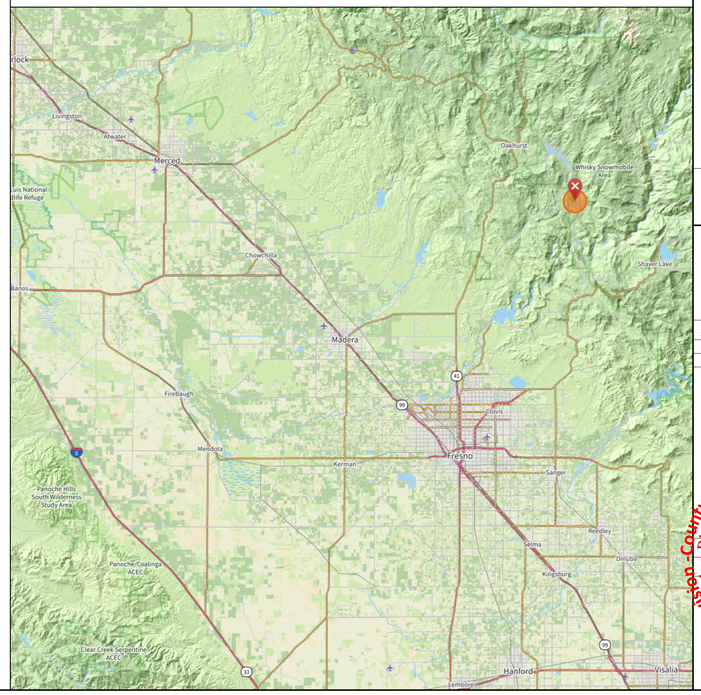
1. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PROJECT SPECIFICATIONS.
2. ALL WORK SHALL MEET OR EXCEED THE MINIMUM STANDARDS OF THE CALIFORNIA BUILDING CODE (CBC) AND ALL APPLICABLE CODES AND ORDINANCES.
3. INFORMATION CONTAINED WITHIN THESE DOCUMENTS SHALL NOT BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE APPLICABLE CODES.
4. CONTRACTOR SHALL EXAMINE THE DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPENCIES WHICH MAY BE FOUND PRIOR TO THE START OF WORK.
5. CONTRACTOR SHALL REVIEW ALL DOCUMENTS TO COORDINATE WITH THE EXISTING BUILDING CONDITIONS. ANY VARIATIONS AND DISCREPENCIES THAT ARISE IN THIS REVIEW ARE TO BE BROUGHT IMMEDIATELY TO THE ARCHITECT'S ATTENTION.
6. THE CONTRACTOR AND ALL SUBCONTRACTORS ARE REQUIRED TO VISIT AND INSPECT THE SITE PRIOR TO CONSTRUCTION OR ORDERING ANY MATERIALS.
7. ALL DETAILS, SCHEDULES, ADDENDA AND SPECIFICATIONS BOUND SEPARATELY ARE A PART OF THE CONTRACT DOCUMENTS.
8. ITEMS MARKED "NIC" ARE NOT IN CONTRACT. SUCH ITEMS ARE INCLUDED IN THE DOCUMENTS WHEN CONTRACTOR'S COORDINATION IS REQUIRED OR FOR CLARIFICATION OF PROJECT LIMITS.
9. DIMENSIONS:
   A. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM THE DRAWINGS.
   B. ALL DIMENSIONS ARE TO THE ROUGH OPENING, UON.
   C. ALL DIMENSIONS TO STUD WALLS ARE TO THE FACE OF STUD, UON.
   D. CEILING HEIGHT DIMENSIONS ARE FROM FINISHED FLOOR TO FINISHED FACE OF CEILING, UON.
   E. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR AND ALL SUBCONTRACTORS PRIOR TO PROCEEDING WITH CONSTRUCTION.
   F. COORDINATE WITH EQUIPMENT CONTRACTORS FOR ROUGH-IN DIMENSIONS AND TEMPLATES.
   G. ALL DIMENSIONS NOTED "CLEAR" OR "CLR" MUST BE STRICTLY MAINTAINED. "CLEAR" MEANS DIMENSION FROM FACE OF FINISH TO FACE OF FINISH OR OBJECT.
   H. ALL DIMENSIONS NOTED "VERIFY" OR "VIF" ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY VARIANCE FROM THE REQUIRED DIMENSIONS MUST BE BROUGHT IMMEDIATELY TO THE ARCHITECT'S ATTENTION.
10. DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES, UON.
11. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THE PROJECT.
12. ALL WORK IS UNDERSTOOD TO BE NEW (N) UNLESS NOTED AS EXISTING (E). HALFTONE LINEWORK INDICATE EXISTING CONDITIONS TYP.
13. THE CONTRACTOR SHALL MEET WITH THE ARCHITECT PRIOR TO THE START OF DEMOLITION TO NOTE WHAT ITEMS, IF ANY, ARE TO BE SALVAGED OR REUSED.
14. THE DRAWINGS INDICATE THE GENERAL EXTENT OF (N) CONSTRUCTION NECESSARY FOR THE WORK, BUT ARE NOT INTENDED TO BE ALL-INCLUSIVE. ALL DEMO AND (N) WORK NECESSARY FOR A FINISHED JOB, IN ACCORDANCE W/ THE INTENTIONS OF THE CONTRACT DOCUMENTS, IS INCLUDED REGARDLESS OF WHETHER SHOWN IN THE CONTRACT DOCUMENTS.
15. (E) BUILDING DOCUMENTATION IS BASED ON "AS-BUILT" DRAWINGS AND OBSERVATIONAL SITE INVESTIGATIONS. ACTUAL BUILT CONDITIONS MAY VARY. CONTRACTOR IS TO USE CAUTION IN DEMOLITION, AND IS TO NOTIFY ARCHITECT IMMEDIATELY IF ANY VARIATIONS OR DISCREPENCIES ARE UNCOVERED.
16. PROTECT ALL (E) BUILDING AND SITE CONDITIONS TO REMAIN, INCLUDING BUT NOT LIMITED TO WALLS, PAVING, AND LANDSCAPING.

DESIGN-BUILD DEFERRED SUBMITTALS

THE DESIGN INTENT AND PERFORMANCE CRITERIA FOR THE FOLLOWING ITEMS IS SHOWN AND NOTED ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE DESIGN DOCUMENTATION, IF REQUIRED, FOR CITY APPROVAL PRIOR TO CONSTRUCTION. BIDS SHALL INCLUDE REQUIRED DESIGN, DOCUMENTATION AND INSTALLATION OF A COMPLETE OPERATING SYSTEM THAT SATISFIES THE SPECIFIED PERFORMANCE CRITERIA AND MEETS ALL APPLICABLE CODES.

1. FIRE ALARM SYSTEM
2. SPRINKLER SYSTEM
3. IRRIGATION (DESIGN-BUILD SCOPE)

VICINITY MAP



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PROJECT

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32908 ROAD 222
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LICENSED ARCHITECT
ABRAHAM JAYSON
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STATE OF CALIFORNIA

BID SET

SHEET TITLE
SHEET INDEX & GENERAL NOTES

REVISIONS		
NO.	DATE	DESCRIPTION
1	01/16/2026	PC1

County of Madera – CED Building Division – Plans Approved under the 2022 California Building Codes
Date 03/17/26
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DATE 03/06/2026
SCALE
JOB NO. 2024-01
SHEET NUMBER **G0.01**

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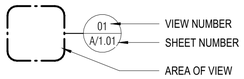
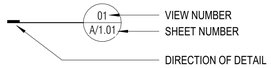
SYMBOLS

CALLOUT



DETAIL SECTION



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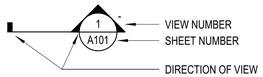
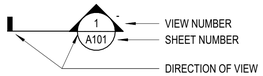
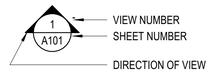


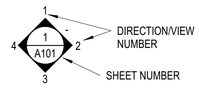
BUILDING SECTION



EXTERIOR ELEVATION

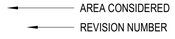


INTERIOR ELEVATION

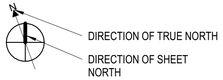


PROPERTY LINE

REVISION MARK



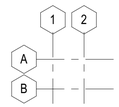
NORTH ARROW



WORK POINT (PLAN)

DATUM LEVEL

GRID LINES



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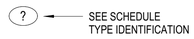
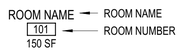
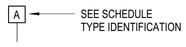


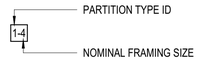
ROOM IDENTIFICATION



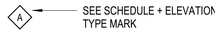
WALL TYPE (EXTERIOR)



PARTITION TYPE



WINDOW MARK



DOOR MARK

ABBREVIATIONS

&	AND
(E)	EXISTING
(N)	NEW
@	AT
AB	ANCHOR BOLT
AC	ASPHALTIC CONCRETE
ACC	ACCESS
ACOUS	ACOUSTICAL
ACT	ACOUSTIC CEIILING TILE
AD	AREA DRAIN
ADDL	ADDITIONAL
ADJ	ADJACENT/ADJUSTABLE
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISHED FLOOR
AGG	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APPROX	APPROXIMATE
AV	AUDIO VISUAL
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BUR	BUILT UP ROOF
CAB	CABINET
CB	CARRAIGE BOLT
CE	CIVIL ENGINEER
CEM	CEMENT/CEMENTITIOUS
CER	CERAMIC
CFMF	COLD FORMED METAL FRAMING
CI	CAST IRON
CJ	CONTROL JOINT
CLG	CEILING
CLKG	CAULKING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CPT	CARPET
CSMT	CASEMENT
CTR	CENTER
CTSK	COUNTERSINK
D	DEPTH
DBL	DOUBLE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DOUGLAS FIR/DRINKING FOUNTAIN
DH	DOUBLE HUNG
DIA	DIAMETER
DIM	DIMENSION
DISP	DISPOSAL
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
DWR	DRAWER
E	EAST
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION/ELEVATOR
ENLG	ENLARGED
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FIN	FINISH
FIN FLR	FINISH FLOOR
FIXT	FIXTURE
FLOUR	FLOURESCENT
FLR	FLOOR
FLRG	FLOORING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUD
FR	FIRE RESISTENT/FIRE RETARDENT
FRP	FIBERGLASS REINFORCED PANEL
FRT	FIRE RETARDENT TREATED
FSP	FIBERGLASS SANDWICH PANEL
FT	FOOT/FEET
FTG	FOOTING
FURN	FURNITURE
FX	FIXED
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPT
GI	GALVANIZED IRON
GL	GLASS/GLAZING
GLAM	GLUE LAMINATED
GR	GRADE
GSM	GALVANIZED SHEET METAL
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HIGH
HB	HOSE BIB
HC	HOLLOW CORE
HD	HEAD
HDR	HEADER
HDW	HARDWARE
HDWD	HARDWOOD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HVAC	HEATING VENTILATION& AIR CONDITIONING
ID	INSIDE DIAMETER
IF	INSIDE FACE
INC	INCANDESCENT
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JBOX	JUNCTION BOX
JST	JOIST
JT	JOINT
LAM	LAMINATE
LAV	LAVATORY
LB	LAG BOLT
LF	LINEAR FEET
LKR	LOCKER
LT	LIGHT
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MTL	METAL
MUL	MULLION
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OCC	OCCUPANT
OD	OUTSIDE DIAMETER/OVERFLOW DRAIN
OF	OUTSIDE FACE
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFD	OVERFLOW DRAIN
OFF	OFFICE
OP	OPERABLE
OPNG	OPENING
OPP	OPPOSITE
OPP HD	OPPOSITE HAND
PA	PUBLIC ADDRESS
PARTN	PARTITION
PCP	PORTLAND CEMENT PLASTER
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTIC
PLY	PLYWOOD
PR	PAIR
PROJ	PROJECT/PROJECTOR
PT	POINT/PRESSURE TREATED
PTD	PAINTED
PVC	POLYVINYLCHLORIDE
QTY	QUANTITY
R	RISER
RAD	RADIUS
RD	ROOF DRAIN
REF	REFERENCE
REFR	REFRIDGERATOR
REG	REGISTER
REINF	REINFORCE/REINFORCING
REQD	REQUIRED
REQMTS	REQUIREMENTS
RES	RESILIENT
REV	REVISION
RM	ROOM
RO	ROUGH OPENING
RWL	RAIN WATER LEADER
S	SOUTH
SASF	SELF ADHERING SURFACE FLASHING
SASM	SELF ADHERING SURFACE MEMBRANE
SC	SOLID CORE
SCHED	SCHEDULE
SE	STRUCTURAL ENGINEER
SEC	SECTION
SED	SEE ELECTRICAL DRAWINGS
SF	SUPPLY FAN
SH	SINGLE HUNG
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SLD	SEE LANDSCAPE DRAWINGS
SMD	SEE MECHANICAL DRAWINGS
SOG	SLAB ON GRADE
SP	SPACE
SPA	SANDWICH PANEL ASSEMBLY
SPD	SEE PLUMBING DRAWINGS
SPEC	SPECIFICATION
SQ	SQUARE
SS	SOLID SURFACE
SSD	SEE STRUCTURAL DRAWINGS
SSGD	SEE SIGNAGE DRAWINGS
SSK	SERVICE SINK
SSTL	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRL	STRUCTURAL
STRUC	STRUCTURAL
SUSP	SUSPENDED
SYS	SYSTEM
T	TREAD
T&G	TOUNGE & GROOVE
TBD	TO BE DETERMINED
TEL	TELEPHONE
TEMP	TEMPERED
THK	THICK/THICKNESS
THRESH	THRESHOLD
TJI	TRUSS JOIST
TO	TOP OF
TOC	TOP OFF CONCRETE/CURB
TOP	TOP OFF PAVING
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TUBE STEEL
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UR	URINAL
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
W	WEST/WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WDO	WINDOW
WH	WATER HEATER
WIN	WINDOW
WO	WHERE OCCURS
WP	WORK POINT
WR	WATER RESISTENT
WT	WEIGHT

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MADERA COUNTY

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
SYMBOLS & ABBREVIATIONS

REVISIONS

NO.	DATE	DESCRIPTION

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SCALE	12" = 1'-0"
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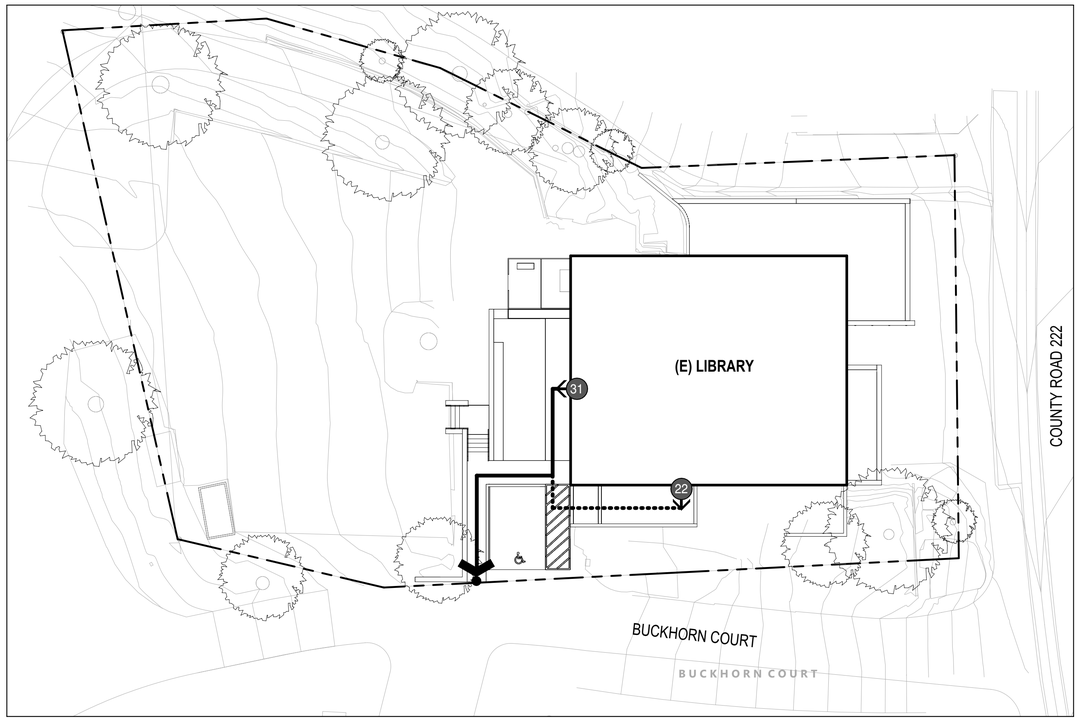

1 G1.00 SITE PLAN - EGRESS PLAN
1/16" = 1'-0"

N

CODE SUMMARY

OCCUPANCY CLASS:	UPPER LEVEL: A-3 (LIBRARY - NO CHANGE PROPOSED) LOWER LEVEL: B (UNOCCUPIED - NO CHANGE PROPOSED)	
CONSTRUCTION TYPE:	V-B (NO CHANGE PROPOSED)	
NUMBER OF STORIES:	2	
GROSS SQUARE FOOTAGE: (NO CHANGE TO EXISTING)	UPPER LEVEL LOWER LEVEL **TOTAL**	2,806 SF 1,549 SF **4,355 SF**
SPRINKLERS:	UPPER LEVEL PROVIDED. NO CHANGE TO EXISTING GROSS SQUARE FOOTAGE OR OCCUPANCY CLASS (NEW SYSTEM IS A BID ALTERNATE)	
FIRE ALARM SYSTEM:	NON EXISTING, PROVIDED, NOT REQUIRED PER CBC [F] 907.2.1	

OCCUPANCY & EGRESS LEGEND

NAME — ROOM / AREA DESCRIPTION
4000 SF — TOTAL ROOM AREA IN SQUARE FEET
A-3 200 OLF — OCCUPANT LOAD FACTOR
20 OCC — TOTAL ROOM OCCUPANCY

01 — ROOM / AREA OCCUPANCY EXIT LOAD

01 — FLOOR EXIT LOAD; PORTION OF FLOOR LOAD & CONTRIBUTING ROOMS / AREAS

COMMON PATH OF EGRESS TRAVEL (PER CBC SECTION 1006.2)

TRAVEL DISTANCE (PER CBC SECTION 1017)

EXIT DISCHARGE PATH TO PUBLIC RIGHT OF WAY

ACCESSIBLE PATH OF TRAVEL

FEC — 2A FIRE EXTINGUISHER IN RECESSED CABINET, 1-HR RATED CABINET W/O

EXIT SIGN

XX' — REQUIRED CODE CLEARANCE

APPLICABLE CODE REFERENCES

TABLE 504.3 ALLOWABLE HEIGHT
S (WITHOUT AREA INCREASE): 60 FEET

TABLE 504.4 STORIES ABOVE GRADE PLAN
S (WITHOUT AREA INCREASE): 2 STORIES

TABLE 506.2 ALLOWABLE AREA
NS: 6,000 SF

506.2.1 MIXED-OCCUPANCY BUILDINGS
$A_a = A_1 + (NS \times I_f)$ (EQUATION 5-1)
$A_a = 6{,}000 + (6{,}000 \times 0.75)$
A_a = 10,500 SF ALLOWED

TABLE 506.3.3 FRONTAGE INCREASE FACTOR

PERCENTAGE OF BUILDING PERIMETER	OPEN SPACE (feet)			
	0 to less than 20	20 to less than 25	25 to less than 30	30 or greater
0 to less than 25	0	0	0	0
25 to less than 50	0	0.17	0.21	0.25
50 to less than 75	0	0.33	0.42	0.50
75 to 100	0	0.50	0.63	0.75

TOTAL BUILDING PERIMETER (P) = 213' - 2"
QUALIFYING FRONTAGE PERIMETER (F) = 213' - 2"
PERCENTAGE OF BUILDING PERIMETER = F/P = 1

602.5 TYPE V CONSTRUCTION
TYPE V CONSTRUCTION IS THAT TYPE OF CONSTRUCTION IN WHICH THE STRUCTURAL ELEMENTS, EXTERIOR WALLS AND INTERIOR WALLS ARE OF ANY MATERIALS PERMITTED BY THIS CODE.

[F] 903.2.1.3 GROUP A-3
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT STORIES CONTAINING GROUP A-3 OCCUPANCIES AND THROUGHOUT ALL STORIES FROM THE GROUP A-3 OCCUPANCY TO AND INCLUDING THE LEVELS OF EXIT DISCHARGE SERVING THAT OCCUPANCY WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS:

1. THE FIRE AREA EXCEEDS 12,000 SQUARE FEET (1115 M^2).
2. THE FIRE AREA HAS AN OCCUPANT LOAD OF 300 OR MORE.
3. THE FIRE AREA IS LOCATED ON A FLOOR OTHER THAN A LEVEL OF EXIT DISCHARGE SERVING SUCH OCCUPANCIES.
4. THE STRUCTURE EXCEEDS 12,000 SQUARE FEET (1155 M^2), CONTAINS MORE THAN ONE FIRE AREA CONTAINING EXHIBITION AND DISPLAY ROOMS, AND IS SEPARATED INTO TWO OR MORE BUILDINGS BY FIRE WALLS OF LESS THAN FOUR-HOUR FIRE-RESISTANCE RATING WITHOUT OPENINGS.

[F] 907.2.1 GROUP A
A MANUAL FIRE ALARM SYSTEM THAT ACTIVATES THE OCCUPANT NOTIFICATION SYSTEM IN ACCORDANCE WITH SECTION 907.5 SHALL BE INSTALLED IN GROUP A OCCUPANCIES WHERE THE OCCUPANT LOAD DUE TO THE ASSEMBLY OCCUPANCY IS 300 OR MORE, OR WHERE THE GROUP A OCCUPANT LOAD IS MORE THAN 100 PERSONS ABOVE OR BELOW THE LOWEST LEVEL OF EXIT DISCHARGE. GROUP A OCCUPANCIES NOT SEPARATED FROM ONE ANOTHER IN ACCORDANCE WITH SECTION 707.3.10 SHALL BE CONSIDERED AS A SINGLE OCCUPANCY FOR THE PURPOSES OF APPLYING THIS SECTION. PORTIONS OF GROUP E OCCUPANCIES OCCUPIED FOR ASSEMBLY PURPOSES WITH AN OCCUPANT LOAD OF LESS THAN 1,000, SHALL BE PROVIDED WITH FIRE ALARM SYSTEM AS REQUIRED FOR THE GROUP E OCCUPANCY.

EXCEPTION: MANUAL FIRE ALARM BOXES ARE NOT REQUIRED WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 AND THE OCCUPANT NOTIFICATION APPLIANCES WILL ACTIVATE THROUGHOUT THE NOTIFICATION ZONES UPON SPRINKLER WATER FLOW.

1005.3.2 OTHER EGRESS COMPONENTS
THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH (5.1 MM) PER OCCUPANT.

1007.1.1 TWO EXITS OR EXIT ACCESS DOORWAYS
WHERE TWO EXITS, EXIT ACCESS DOORWAYS, EXIT ACCESS STAIRWAYS OR RAMPS, OR ANY COMBINATION THEREOF, ARE REQUIRED FROM ANY PORTION OF THE EXIT ACCESS, THEY SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN THEM. INTERLOCKING OR SCISSOR STAIRWAYS SHALL BE COUNTED AS ONE EXIT STAIRWAY.

EXCEPTIONS:
1. WHERE INTERIOR EXIT STAIRWAYS OR RAMPS ARE INTERCONNECTED BY A 1-HOUR FIRE-RESISTANCE-RATED CORRIDOR CONFORMING TO THE REQUIREMENTS OF SECTION 1020, THE REQUIRED EXIT SEPARATION SHALL BE MEASURED ALONG THE SHORTEST DIRECT LINE OF TRAVEL WITHIN THE CORRIDOR.
2. WHERE A BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2, THE SEPARATION DISTANCE SHALL BE NOT LESS THAN ONE-THIRD OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED.

1017.2 LIMITATIONS
EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED THE VALUES GIVEN IN TABLE 1017.2.

TABLE 1017.2 EXIT TRAVEL DISTANCE

OCCUPANCY	W/O SPRINKLER SYSTEM (feet)	WITH SPRINKLER SYSTEM (feet)
A, E, F-1, M, R, S-1	200	250

1030.3.1 OCCUPANT LOADS BETWEEN 100 AND 300
GROUP A OCCUPANCIES OR ASSEMBLY OCCUPANCIES ACCESSORY TO GROUP E OCCUPANCIES THAT HAVE AN OCCUPANT LOAD OF 100 TO 300 NOT LESS THAN ONE OF THE REQUIRED MEANS OF EGRESS SHALL EXIT THROUGH ONE OF THE FOLLOWING:

1. DIRECTLY TO AN EXIT
2. EGRESS THROUGH A LOBBY THAT IS NOT USED TO ACCESS THE OTHER REQUIRED EXIT
3. TO A ONE-HOUR RATED CORRIDOR TO AN EXIT
4. CONTINUOUS THROUGH A ONE-HOUR RATED LOBBY TO AN EXIT

NOT LESS THAN ONE EXIT SHALL DISCHARGE ON A STREET OR AN UNOCCUPIED SPACE OF NOT LESS THAN 20 FEET (6096 MM) IN CAPACITY THAT ADJOINS A STREET OR PUBLIC WAY.

1030.8 COMMON PATH OF EGRESS TRAVEL
THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 30 FEET (9144 MM) FROM ANY SEAT TO A POINT WHERE AN OCCUPANT HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS.

EXCEPTIONS:
1. FOR AREAS SERVING LESS THAN 50 OCCUPANTS, THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 75 FEET (22860 MM).
2. FOR SMOKE-PROTECTED OR OPEN-AIR ASSEMBLY SEATING, THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 50 FEET (15240 MM)

11B-403.5.1 CLEAR WIDTH
EXCEPT AS PROVIDED IN SECTION 11B-403.5.2 AND 11B-403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES (914 MM) MINIMUM.

EXCEPTIONS:
1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES (813 MM) MINIMUM FOR A LENGTH OF 24 INCHES (610 MM) MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES (1219 MM) LONG MINIMUM AND 36 INCHES (914 MM) WIDE MINIMUM.
2. THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44 INCHES (1118 MM) MINIMUM.
3. THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48 INCHES (1219 MM) MINIMUM. WHEN, BECAUSE OF RIGHT-OF-WAY RESTRICTIONS, NATURAL BARRIERS OR OTHER EXISTING CONDITIONS, THE ENFORCING AGENCY DETERMINES THAT COMPLIANCE WITH THE 48-INCH (1219 MM) CLEAR SIDEWALK WIDTH WOULD CREATE AN UNREASONABLE HARDSHIP, THE CLEAR WIDTH MAY BE REDUCED TO 36 INCHES (914 MM).
4. THE CLEAR WIDTH FOR AISLES SHALL BE 36 INCHES (914 MM) MINIMUM IF SERVING ELEMENTS ON ONLY ONE SIDE, AND 44 INCHES (1118 MM) MINIMUM IF SERVING ELEMENTS ON BOTH SIDES.

THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO ACCESSIBLE TOILET COMPARTMENTS SHALL BE 44 INCHES (1118 MM) EXCEPT FOR DOOR-OPENING WIDTHS AND DOOR SWINGS.

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CODE SUMMARY & SITE EGRESS

REVISIONS

NO.	DATE	DESCRIPTION
1	01/16/2026	PC1

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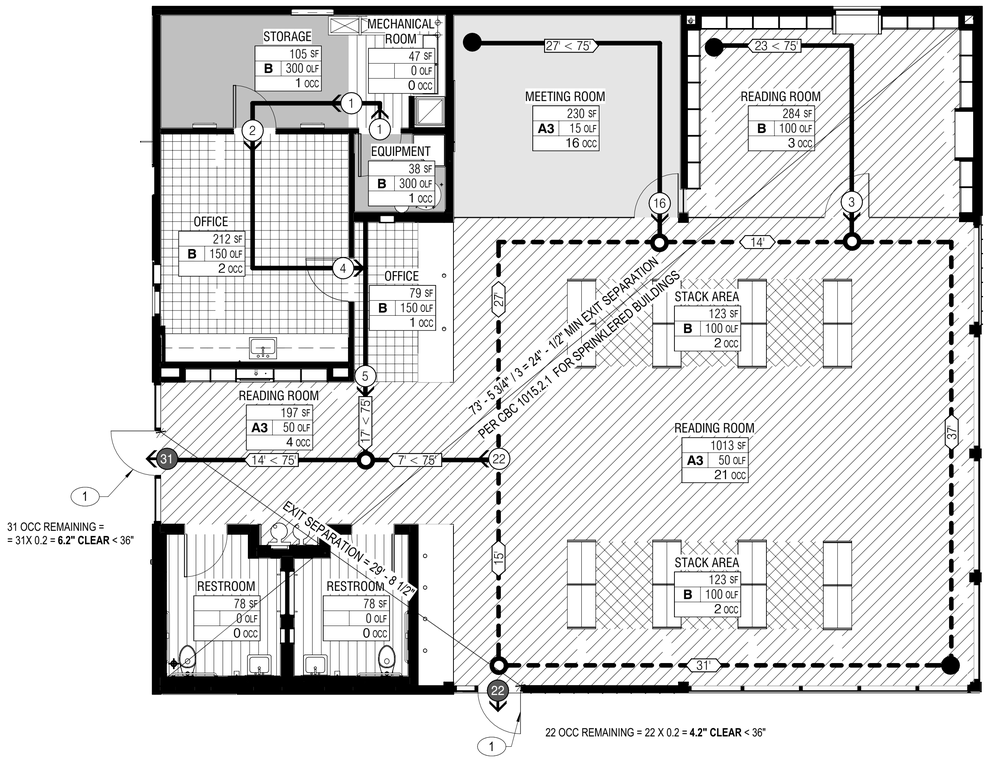
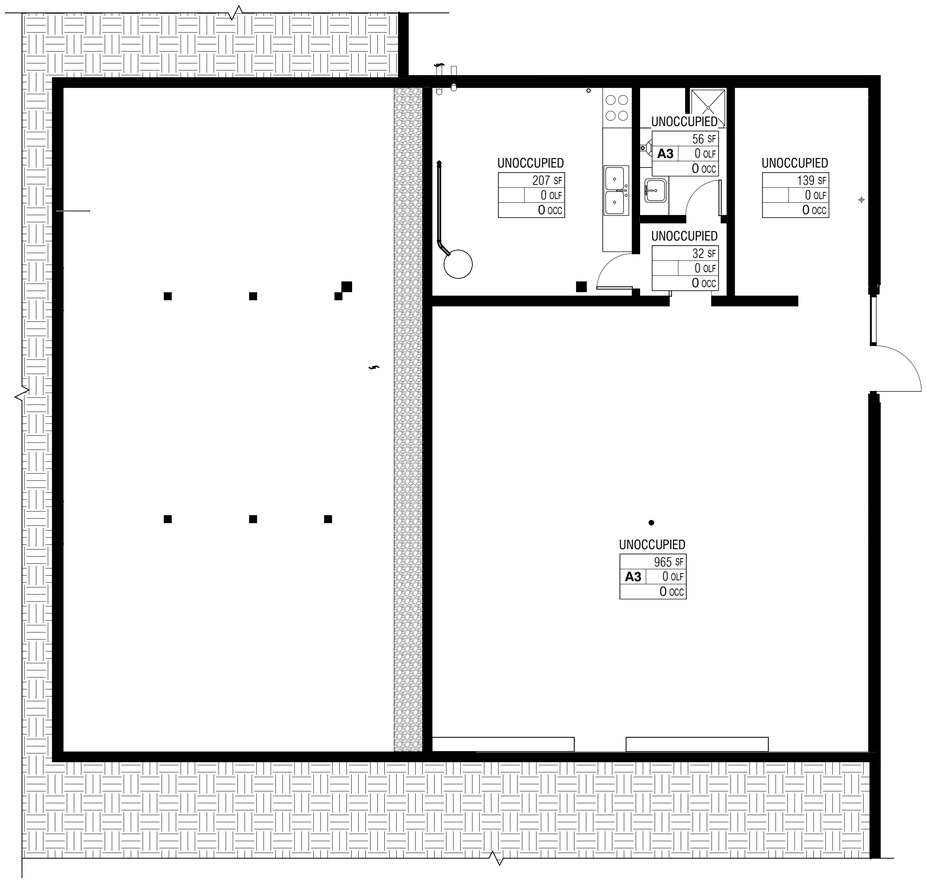


2 G1.10 OCCUPANCY EGRESS PLAN - UPPER LEVEL
3/16" = 1'-0"



1 G1.10 OCCUPANCY EGRESS PLAN - LOWER LEVEL UNOCCUPIED
3/16" = 1'-0"

N

OCCUPANCY & EGRESS LEGEND

NAME — ROOM / AREA DESCRIPTION
4000 SF — TOTAL ROOM AREA IN SQUARE FEET
A-3 200 OLF — OCCUPANT LOAD FACTOR
20 OCC — TOTAL ROOM OCCUPANCY

01 — ROOM / AREA OCCUPANCY EXIT LOAD

01 — FLOOR EXIT LOAD; PORTION OF FLOOR LOAD & CONTRIBUTING ROOMS / AREAS

COMMON PATH OF EGRESS TRAVEL (PER CBC SECTION 1006.2)

TRAVEL DISTANCE (PER CBC SECTION 1017)

EXIT DISCHARGE PATH TO PUBLIC RIGHT OF WAY

ACCESSIBLE PATH OF TRAVEL

FEC — 2A FIRE EXTINGUISHER IN RECESSED CABINET, 1-HR RATED CABINET W/O

EXIT SIGN

XX" — REQUIRED CODE CLEARANCE

LIBRARY READING ROOM - 50 NET

LIBRARY STACK AREA - 100 GROSS

NON ASSIGNABLE (NO OCCUPANT LOAD)

ASEEMBLY UNCONCENTRATED - 15 NET

STORAGE/MECHANICAL - 300 GROSS

BUSINESS AREA - 150 GROSS

KEY NOTES

1 EGRESS DOOR WIDTH CALCULATED PER CBC 1005.3.2

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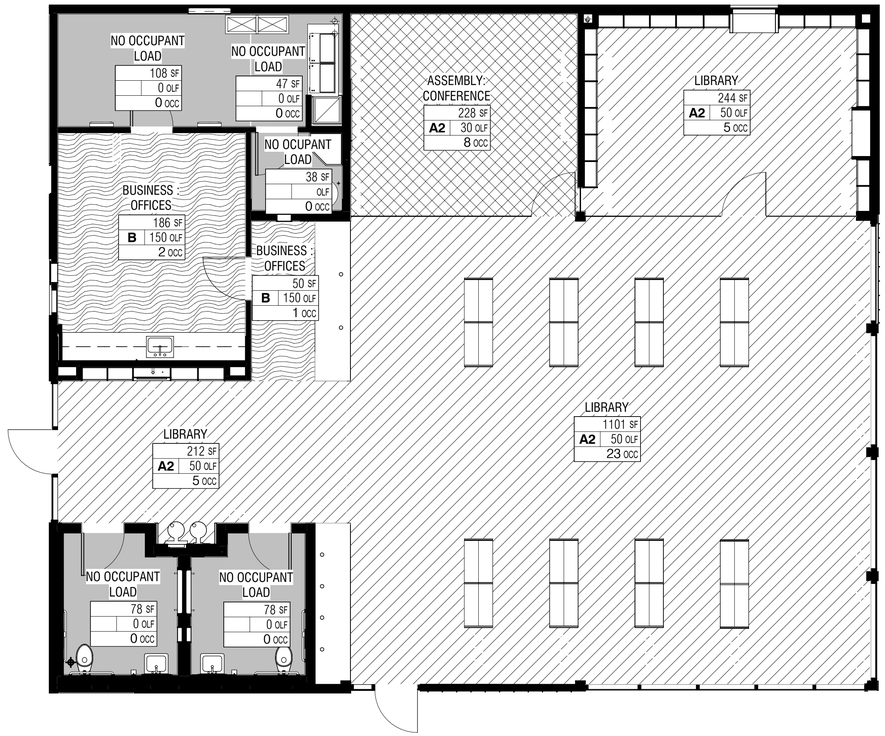

1 G1.20 02 - UPPER LEVEL

3/16" = 1'-0"

PLUMBING FIXTURE COUNT

LOAD CALCULATION

TOTAL : 44 OCCUPANTS

PLUMBING OCCUPANT LOAD : 44 (22 MEN, 22 WOMEN)

REQUIRED PLUMBING FIXTURES PER CPC TABLE 422.1 (A3 OCCUPANCY, LIBRARY):

WATER CLOSETS:	2 (1 MEN, 1 WOMEN) REQUIRED: **2 PROVIDED**
URINALS:	1 (1 MEN) REQUIRED: **0 PROVIDED (REQUEST ALL GENDER WAIVER)**
LAVATORIES:	2 (1 MEN, 1 WOMEN) REQUIRED: **2 PROVIDED**
DRINKING FOUNTAINS:	1 REQUIRED: **2 PROVIDED (HIGH/LOW)**
SERVICE SINKS:	1 REQUIRED: **1 PROVIDED**

PLUMBING CALCULATION LEGEND

PLUMBING CALCULATIONS				
OCC Group	Function	OCC Load Factor per CPC Table 4-1	Area	OCC Total Occ
A2	LIBRARY	50 SF	1101 SF	23
A2	LIBRARY	50 SF	244 SF	5
A2	ASSEMBLY: CONFERENCE	30 SF	228 SF	8
A2	LIBRARY	50 SF	212 SF	5
B	BUSINESS : OFFICES	150 SF	186 SF	2
B	BUSINESS : OFFICES	150 SF	50 SF	1
				44

ASSEMBLY : CONFERENCE ROOM, OCC LOAD FACTOR : 30

BUSINESS : OFFICES, OCC LOAD : 150

LIBRARY, OCCUPANT LOAD FACTOR : 50

NO OCCUPANT LOAD

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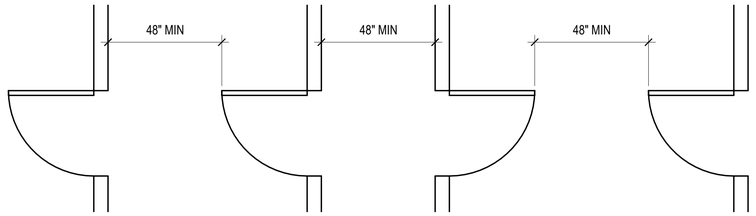
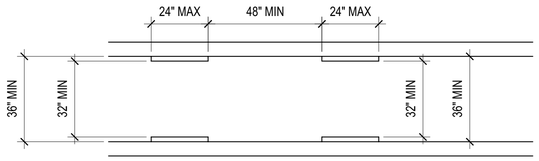
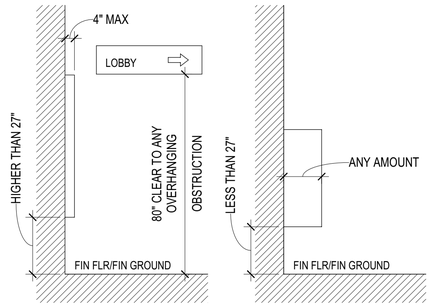


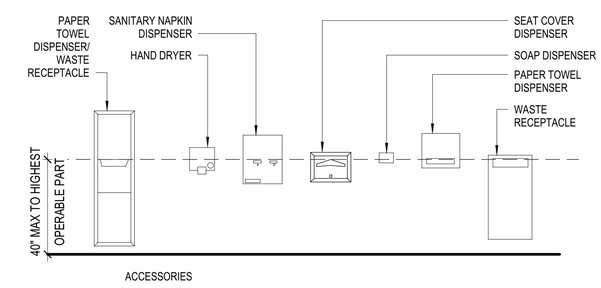
6 G1.30 DOORS IN SERIES (REFERENCE)
3/8" = 1'-0"



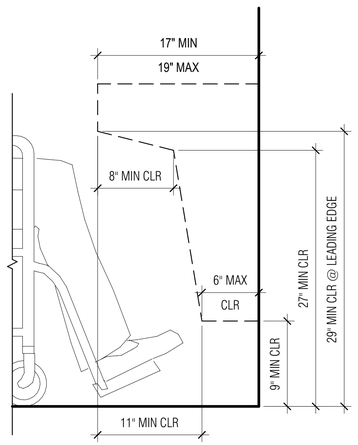


7 G1.30 PROTRUDING OBJECTS (REFERENCE)
3/8" = 1'-0"

3 G1.30 ACCESSIBLE ROUTE WIDTH (REFERENCE)
3/8" = 1'-0"

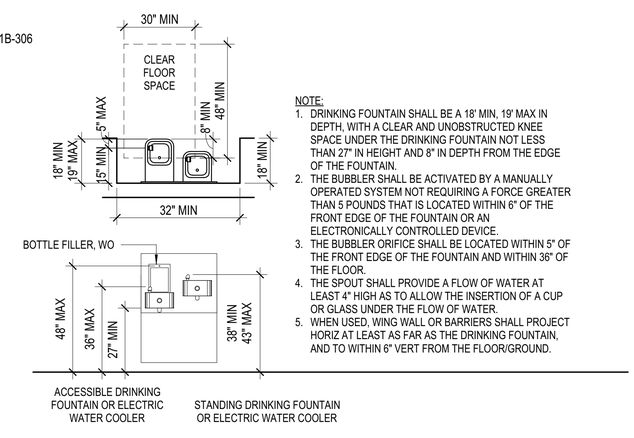


4 G1.30 TOILET ROOM MOUNTING HTS
3/8" = 1'-0"



8 G1.30 WHEELCHAIR KNEE & TOE CLEARANCES
1 1/2" = 1'-0"

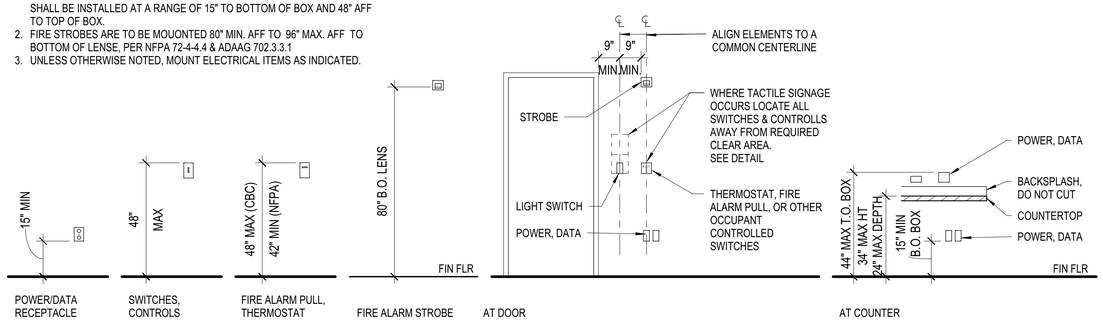
NOTES:
1. PER CBC 11B-306



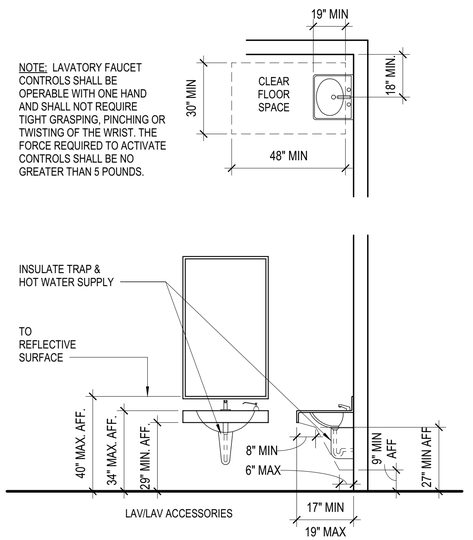
NOTE:
1. DRINKING FOUNTAIN SHALL BE A 18' MIN, 19' MAX IN DEPTH, WITH A CLEAR AND UNOBSTRUCTED KNEE SPACE UNDER THE DRINKING FOUNTAIN NOT LESS THAN 27" IN HEIGHT AND 8" IN DEPTH FROM THE EDGE OF THE FOUNTAIN.
2. THE BUBBLER SHALL BE ACTIVATED BY A MANUALLY OPERATED SYSTEM NOT REQUIRING A FORCE GREATER THAN 5 POUNDS THAT IS LOCATED WITHIN 6" OF THE FRONT EDGE OF THE FOUNTAIN OR AN ELECTRONICALLY CONTROLLED DEVICE.
3. THE BUBBLER ORIFICE SHALL BE LOCATED WITHIN 5" OF THE FRONT EDGE OF THE FOUNTAIN AND WITHIN 36" OF THE FLOOR.
4. THE SPOUT SHALL PROVIDE A FLOW OF WATER AT LEAST 4" HIGH AS TO ALLOW THE INSERTION OF A CUP OR GLASS UNDER THE FLOW OF WATER.
5. WHEN USED, WING WALL OR BARRIERS SHALL PROJECT HORIZ AT LEAST AS FAR AS THE DRINKING FOUNTAIN, AND TO WITHIN 6" VERT FROM THE FLOOR/GROUND.

5 G1.30 DRINKING FOUNTAIN MOUNTING HEIGHTS (REFERENCE)
3/8" = 1'-0"

NOTE:
1. RECEPTACLES, POWER/DATA, SWITCHES/CONTROLS/THERMOSTATS SHALL BE INSTALLED AT A RANGE OF 15" TO BOTTOM OF BOX AND 48" AFF TO TOP OF BOX.
2. FIRE STROBES ARE TO BE MOUONTED 80" MIN. AFF TO 96" MAX. AFF TO BOTTOM OF LENSE, PER NFPA 72-4-4.4 & ADAAG 702.3.3.1
3. UNLESS OTHERWISE NOTED, MOUNT ELECTRICAL ITEMS AS INDICATED.

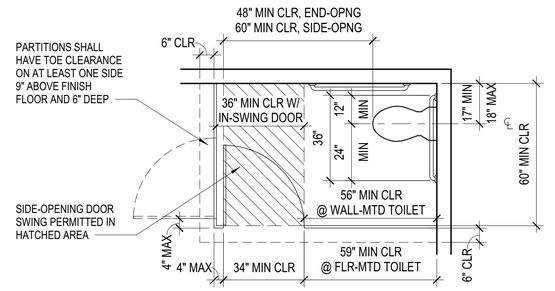


1 G1.30 ELEC MOUNTING HTS (REFERENCE)
3/8" = 1'-0"

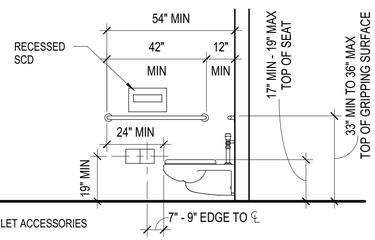


NOTE: LAVATORY FAUCET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS.

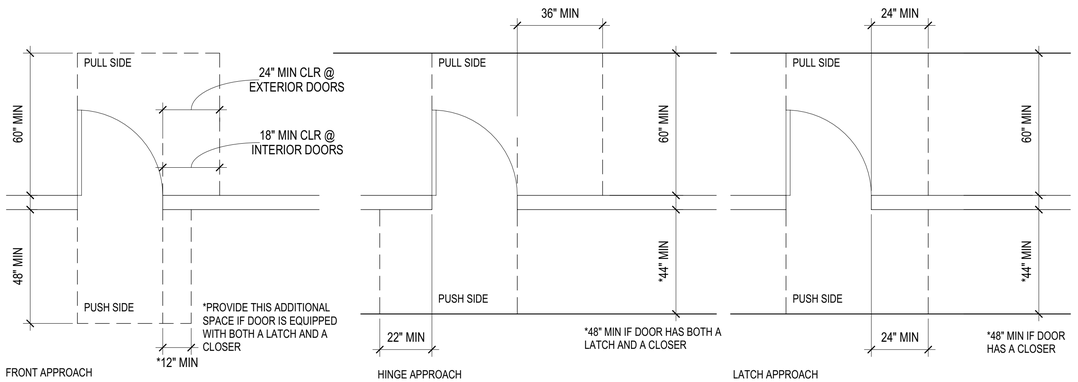
LAV/LAV ACCESSORIES



NOTE:
1. FLUSH VALVE ON OPEN SIDE OF TOILET, NO MORE THAN 36" AFF PER CBC 11B-604.9.5
2. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS
3. GRAB BAR SHALL HAVE GRIPPING SURFACES WITH AN OUTSIDE DIAMETER OF 1-1/4" TO 1-1/2" LOCATED WITH A SPACE BETWEEN THE WALL AND GRAB BAR OF 1-1/2".



TOILET/TOILET ACCESSORIES



NOTE:
1. LEVEL IS DEFINED AS 2% IN ANY DIRECTION.
2. ALL DOORS REQUIRING FULL USER PASSAGE MUST BE 3'-0"x6'-8" MIN OR HUNG TO PROVIDE 32" MIN.
3. SYMBOL DENOTING "CLEAR DIRECTION OF APPROACH"

2 G1.30 LEVEL MANUEVERING CLEARANCES AT DOORS (REFERENCE)
3/8" = 1'-0"

JAYSON
ARCHITECTURE
587 Shotwell Street
San Francisco CA 94110
jaysonarch.com
415.317.0529

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
ACCESSIBILITY & COMPLIANCE STANDARD DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE As indicated
JOB NO. 2021-01
SHEET NUMBER
G1.30

3/6/2026 2:32:30 PM

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (July 2024 Supplement)

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

CHAPTER 3
GREEN BUILDING
SECTION 301 GENERAL

301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.

301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of $200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

A code section will be designated by a banner to indicate where the code section only applies to newly constructed buildings [N] or to additions and/or alterations [A]. When the code section applies to both, no banner will be used.

301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:

Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 et seq. for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.

301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.

301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC)
301.5 HEALTH FACILITIES. (see GBSC)

SECTION 302 MIXED OCCUPANCY BUILDINGS

302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.

SECTION 303 PHASED PROJECTS

303.1 PHASED PROJECTS. For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.

303.1.1 Initial Tenant improvements. The provisions of this code shall apply only to the initial tenant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.

ABBREVIATION DEFINITIONS:

HCD	Department of Housing and Community Development
BSC	California Building Standards Commission
DSA-SS	Division of the State Architect, Structural Safety
OSHPD	Office of Statewide Health Planning and Development
LR	Low Rise
HR	High Rise
AA	Additions and Alterations
N	New

CHAPTER 5
NONRESIDENTIAL MANDATORY MEASURES
DIVISION 5.1 PLANNING AND DESIGN
SECTION 5.101 GENERAL

5.101.1 SCOPE
The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.

SECTION 5.102 DEFINITIONS

5.102.1 DEFINITIONS
The following terms are defined in Chapter 2 *(and are included here for reference)*

CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.

ELECTRIC VEHICLE (EV). [BSC-CG, HCD] An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the California Electrical Code, off-road, self-propelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats and the like, are not included.

ELECTRIC VEHICLE (EV) CAPABLE SPACE. [BSC-CG, DSA-SS and HCD] A vehicle space with electrical panel space and load capacity to support a branch circuit and necessary raceways, both underground and/or surface mounted, to support EV charging.

ELECTRIC VEHICLE (EV) CHARGER. [BSC-CG, HCD] Off-board charging equipment used to charge an electric vehicle.

ELECTRIC VEHICLE CHARGING SPACE (EV SPACE). [HCD] A space intended for future installation of EV charging equipment and charging of electric vehicles.

ELECTRIC VEHICLE CHARGING STATION (EVCS). [BSC-CG, DSA-SS, HCD] One or more electric vehicle charging spaces served by EVSE or receptacle(s).

ELECTRIC VEHICLE (EV) READY SPACE. [HCD] A vehicle space which is provided with a branch circuit; any necessary raceways, both underground and/or surface mounted; to accommodate EV charging, terminating in a receptacle or a charger.

ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE) [BSC-CG, DSA-SS and HCD] The conductors, including the ungrounded, grounded and equipment grounding conductors and the electric vehicle connectors, attachment plugs, personnel protection system, and all other fittings, devices, power outlets or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

SECTION 5.105 DECONSTRUCTION AND REUSE OF EXISTING STRUCTURES

5.105.1 Scope. [BSC-CG] Effective July 1, 2024, alteration(s) to existing building(s) where the combined altered floor area is 100,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 100,000 square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3. Effective January 1, 2026, the combined floor area shall be 50,000 square feet or greater.

[DSA-SS] Alteration(s) to existing building(s) where the combined altered floor area is 50,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 50,000 square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3.

Exception [BSC-CG, DSA-SS]: Combined addition(s) to existing building(s) of two times the area or more of the existing building(s) is not eligible to meet compliance with Section 5.105.2.

5.105.2 Reuse of existing building. An alteration or addition to an existing building shall maintain at a minimum 45 percent combined of the existing building's primary structural elements (foundations; columns, beams, walls, and floors; and lateral elements) and existing building enclosure (roof framing, wall framing and exterior finishes). Window assemblies, insulation, portions of buildings deemed structurally unsound or hazardous, and hazardous materials that are remediated as part of the project shall not be included in the calculation.

5.105.2.1 Verification of compliance. Documentation shall be provided in the construction documents to demonstrate compliance with Section 5.105.2.

Note: Sample Worksheet WS-3 in Chapter 8 may be used to assist in documenting compliance with this section.

5.105.3 Deconstruction (Reserved).

SECTION 5.106 SITE DEVELOPMENT

5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE OF LAND. Newly constructed projects and additions which disturb less than one acre of land, and are not part of a larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:

5.106.1.1 Local ordinance. Comply with a lawfully enacted storm water management and/or erosion control ordinance.

5.106.1.2 Best Management Practices (BMPs). Prevent the loss of soil through wind or water erosion by implementing an effective combination of erosion and sediment control and good housekeeping BMPs.

1. Soil loss BMPs that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
   a. Scheduling construction activity during dry weather, when possible.
   b. Preservation of natural features, vegetation, soil, and buffers around surface waters.
   c. Drainage swales or lined ditches to control stormwater flow.
   d. Mulching or hydroseeding to stabilize disturbed soils.
   e. Erosion control to protect slopes.
   f. Protection of storm drain inlets (gravel bags or catch basin inserts).
   g. Perimeter sediment control (perimeter silt fence, fiber rolls).
   h. Sediment trap or sediment basin to retain sediment on site.
   i. Stabilized construction exits.
   j. Wind erosion control.
   k. Other soil loss BMPs acceptable to the enforcing agency.
2. Good housekeeping BMPs to manage construction equipment, materials, non-stormwater discharges and wastes that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
   a. Dewatering activities.
   b. Material handling and waste management.
   c. Building materials stockpile management.
   d. Management of washout areas (concrete, paints, stucco, etc.).
   e. Control of vehicle/equipment fueling to contractor's staging area.
   f. Vehicle and equipment cleaning performed off site.
   g. Spill prevention and control.
   h. Other housekeeping BMPs acceptable to the enforcing agency.

5.106.2 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND. Comply with all lawfully enacted stormwater discharge regulations for projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of a larger common plan of development sale.

Note: Projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of the larger common plan of development or sale must comply with the post-construction requirements detailed in the applicable National Pollutant Discharge Elimination System (NPDES) General permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities issued by the State Water Resources Control Board or the Lahontan Regional Water Quality Control Board (for projects in the Lake Tahoe Hydrologic Unit).

The NPDES permits require postconstruction runoff (post-project hydrology) to match the preconstruction runoff (pre-project hydrology) with the installation of postconstruction stormwater management measures. The NPDES permits emphasize runoff reduction through on-site stormwater use, interception, evapotranspiration, and infiltration through nonstructural controls, such as Low Impact Development (LID) practices, and conversation design measures. Stormwater volume that cannot be addressed using nonstructural practices is required to be captured in structural practices and be approved by the enforcing agency.

Refer to the current applicable permits on the State Water Resources Control Board website at: www.waterboards.ca.gov/constructionstormwater. Consideration to the stormwater runoff management measures should be given during the initial design process for appropriate integration into site development.

5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2

5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter.

5.106.4.1.1 Short-term bicycle parking. If the new project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.
Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.

5.106.4.1.2 Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.

5.106.4.1.3 For additions or alterations that add 10 or more tenant-occupant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicular parking spaces being added, with a minimum of one bicycle parking facility.

5.106.4.1.4 For new shell buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.

5.106.4.1.5 Acceptable bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall be convenient from the street and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.

5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2

5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike capacity racks per new building.
5.106.4.2.2 Staff bicycle parking. Provide permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

5.106.5.3 Electric vehicle (EV) charging. [N] [BSC-CG] Construction to provide electric vehicle infrastructure and facilitate electric vehicle charging shall comply with Section 5.106.5.3.1 EV capable spaces, Section 5.106.5.3.2 Electric vehicle charging stations and associated Table 5.106.5.3.1, or Section 5.106.5.3.6 Electric vehicle charging stations (EVCS)—Power allocation method and associated Table 5.106.5.3.6 and shall be provided in accordance with regulations in the *California Building Code* and the *California Electrical Code*.

Exceptions:
1. On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:
   a. Where there is no local utility power supply
   b. Where the local utility is unable to supply adequate power.
   c. Where there is evidence suitable to the local enforcement agency substantiating the local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.
2. Parking spaces accessible only by automated mechanical car parking systems are not required to comply with this code section.

5.106.5.3.1 EV capable spaces. [N] EV capable spaces shall be provided in accordance with Table 5.106.5.3.1 and the following requirements:

1. Raceways complying with the California Electrical Code and no less that 1-inch (25 mm) diameter shall be provided and shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the EV capable and into a suitable listed cabinet, box,enclosure or equivalent. A common raceway may be used to serve multiple EV charging spaces.
2. A service panel or subpanel (s) shall be provided with panel space and electrical load capacity for a dedicated 208/240 volt, 40-ampere minimum branch circuit for each EV capable space, with delivery of 30-ampere minimum to an installed EVSE at each EVCS.
3. The electrical system and any on-site distribution transformers shall have sufficient capacity to supply full rated amperage at each EV capable space.
4. The service panel or subpanel circuit directory shall identify the reserved overcurrent protective devices space(s) as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE."

Note: A parking space served by electric vehicle supply equipment or designed as a future EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by an enforcement agency. See vehicle Code Section 22511.2 for further details.

TABLE 5.106.5.3.1

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)[a,2]
0-9	0	0
10-25	2	0
26-50	8	2
51-75	13	3
76-100	17	4
101-150	25	6
151-200	35	9
201 AND OVER	20 percent of actual parking spaces[1]	25 percent of EV capable spaces[1]

1. Calculation for spaces shall be rounded up to the nearest whole number.
2. The number of required EVCS (EV capable spaces provided with EVSE) in column 3 count toward the total number of required EV capable spaces shown in column 2.
3. At least one Level 2 EVSE shall be provided.

5.106.5.3.2 Electric vehicle charging stations (EVCS) EV capable spaces shall be provided with electric vehicle supply equipment (EVSE) to create EVCS in the number indicated in Table 5.106.5.3.1. The EVCS required by Table 5.106.5.3.1 shall be provided with Level 2 EVSE or DCFC as permitted in Section 5.106.5.3.2.1. At least one Level 2 EVSE shall be provided.

One EV charger with multiple connectors capable of charging multiple EVs simultaneously shall be permitted if the electrical load capacity required by Section 5.106.5.3.1 for each EV capable space is accumulatively supplied to the EV charger.

The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces without EVSE by five and reduce proportionally the required electrical load capacity to the service panel or subpanel.

5.106.5.3.2.1 The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces without EVSE or EVCS with Level 2 EVSE by five and reduce proportionally the required electrical load capacity to the service panel or subpanel.

5.106.5.3.2.2 The installation of two low power Level 2 EV charging receptacles shall be permitted to reduce the minimum number of required EV capable spaces without EVSE in Table 5.106.5.3.1 by one.

5.106.5.3.3 Use of automatic load management systems (ALMS).
ALMS shall be permitted for EVCS. When ALMS is installed, the required electrical load capacity specified in Section 5.106.5.3.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.

5.106.5.3.4 Accessible EVCS.
When EVSE is installed, accessible EVSC shall be provided in accordance with the *California Building Code*, Chapter 11B, Section 11B-228.3.

Note: For EVCS signs, refer to Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its successor(s).

5.106.5.3.4 Accessible electric vehicle charging station (EVCS). When EVSE is installed, accessible EVCS shall be provided in accordance with the *California Building Code*, Chapter 11B, Section 11B-228.3.

5.106.5.3.5 Electric vehicle charging station signage. Electric vehicle charging stations shall be identified by signage or pavement markings in compliance with Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its successor(s).

Power allocation method shall include the following:
1. Use any kVA combination of EV capable spaces, low power Level 2, Level 2 or DCFC EVSEs.
2. At least one Level 2 EVSE shall be provided.

5.106.5.3.6 Electric vehicle charging stations (EVCS)—power allocation method. The power allocation method may be used as an alternative to the requirements in Section 5.106.5.3.1, Section 5.106.5.3.2 and associated Table 5.106.5.3.1. Use Table 5.106.5.3.6 to determine the total power in kVA required based on the total number of actual parking spaces.

TABLE 5.106.5.3.6

TOTAL NUMBER OF ACTUAL PARKING SPACES	MINIMUM TOTAL kVA @ 6.6 kVA	TOTAL kVA REQUIRED IN ANY COMBINATION OF EV CAPABLE,3,4 LOW POWER LEVEL 2, LEVEL 2, 1, 2 OR DCFC
0-9	0	0
10-25	26.4	26.4
26-50	52.8	52.8
51-75	85.8	85.8
76-100	112.2	112.2
101-150	165	165
151-200	231	231
201 AND OVER	20 percent of actual parking spaces X 6.6	Total required kVA = P x .20 × 6.6 Where P = Parking spaces in facility

1. Level 2 EVSE @ 6.6 kVA minimum.
2. At least one Level 2 EVSE shall be provided.
3. Maximum allowed kVA to be utilized for EV capable spaces is 75 percent.
4. If EV capable spaces are utilized, they shall meet the requirements of Section 5.106.5.3.1 EV capable spaces.

5.106.5.4 Additions or alterations to existing buildings or parking facilities [A]. [BSC-CG] Existing buildings or parking facilities being modified by one of the following shall comply with Section 5.106.5.4.1 or 5.106.5.4.2. When EVSE is installed, accessible EVCS shall be provided in accordance with the *California Building Code*, Chapter 11B, Section 11B-228.3.

1. When the scope of construction work includes an increase in power supply to an electric service panel as part of a parking facility addition or alteration.
2. When a new photovoltaic system is installed covering existing parking spaces.
3. When additions or alterations to existing buildings are triggered pursuant to code Section 301.3 and the scope of work includes an increase in power supply to an electric service panel.

Exceptions:
1. On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:
   a. Where there is no local utility power supply.
   b. Where the local utility is unable to supply adequate power.
   c. Where there is evidence suitable to the local enforcement agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.
   d. Where demonstrated as impracticable excluding local utility service or utility infrastructure issues.
2. Remote parking facilities that do not have access to the building service panel.
3. Parking area lighting upgrades where no trenching is part of the scope of work.
4. Emergency repairs, including but not limited to water line break in parking facilities, natural disaster repairs, etc.

5.106.5.4.1 Existing buildings or parking areas without previously installed EV capable infrastructure [A]. When EV capable infrastructure does not exist at an existing parking facility or building, and the parking facility or building undergoes an addition or alteration listed in Section 5.106.5.4, construction shall include electric vehicle charging in compliance with either Section 5.106.5.3 and associated Table 5.106.5.3.1, or Section 5.106.5.3.6 and associated Table 5.106.5.3.6 for the total number of actual parking spaces being added or altered.

5.106.5.4.2 Existing buildings or parking areas with previously installed EV capable infrastructure [A]. When EV capable infrastructure is available at an existing parking facility or building, and the parking facility or building is undergoing an addition or alteration listed in Section 5.106.5.4, construction shall include electric vehicle charging in compliance with either Section 5.106.5.3 and associated Table 5.106.5.3.1, or Section 5.106.5.3.6 and associated Table 5.106.5.3.6 utilizing the existing EV capable allocated power and infrastructure for the total number of actual parking spaces being added or altered. If the area being added or altered exceeds the existing EV capable capacity, allocated power and infrastructure, provide additional EV charging as needed to comply with this section.

5.106.5.5 Electric vehicle (EV) charging: medium-duty and heavy-duty. [N] [BSG-CG] Construction shall comply with Section 5.106.5.5.1 to facilitate future installation of electric vehicle supply equipment (EVSE). Construction for warehouses, grocery stores and retail stores, office buildings, and manufacturing facilities with planned off-street loading spaces shall also comply with Section 5.106.5.5.1 for future installation of medium- and heavy-duty EVSE.

Exceptions:
1. On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:
   a. Where there is no local utility power supply.
   b. Where the local utility is unable to supply adequate power.
   c. Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.

When EVSE(s) is/are installed, it shall be in accordance with the *California Building Code*, the *California Electrical Code* and as follows:

5.106.5.5.1 Electric vehicle charging readiness requirements for warehouses, grocery stores, office buildings, and manufacturing facilities and retail stores with planned off-street loading spaces. [N]

In order to avoid future demolition when adding EV supply and distribution equipment, spare raceway(s) or busway(s) and adequate capacity for transformer(s), service panel(s) or subpanel(s) shall be installed at the time of construction in accordance with the *California Electrical Code*. Construction plans and specifications shall include, but are not limited to, the following:

1. The transformer, main service equipment and subpanels shall meet the minimum power requirement in Table 5.106.5.5.1 to accommodate the dedicated branch circuits for the future installation of EVSE.

2. The construction documents shall indicate one or more location(s) convenient to the planned off-street loading space(s) reserved for medium- and heavy-duty ZEV charging cabinets and charging dispensers, and a pathway reserved for routing of conduit from the termination of the raceway(s) or busway(s) to the charging cabinet(s) and dispenser(s), as shown in Table 5.106.5.5.1.

3. Raceway(s) or busway(s) originating at a main service panel or a subpanel(s) serving the area where potential future medium- and heavy-duty EVSE will be located and shall terminate in close proximity to the potential future location of the charging equipment for medium- and heavy-duty vehicles.

4. The raceway(s) or busway(s) shall be of sufficient size to carry the minimum additional system load to the future location of the charging for medium- and heavy-duty ZEVs as shown in Table 5.106.5.5.1.

TABLE 5.106.5.5.1 RACEWAY CONDUIT AND PANEL POWER REQUIREMENTS FOR MEDIUM- AND HEAVY-DUTY EVSE [N]

BUILDING TYPE	BUILDING SIZE (SQ. FT.)	NUMBER OF OFF-STREET LOADING SPACES	ADDITIONAL CAPACITY REQUIRED (KVA) FOR RACEWAY & BUSWAY AND TRANSFORMER & PANEL
Grocery	10,000 to 90,000	1 or 2	200
		3 or Greater	400
	Greater than 90,000	1 or Greater	400
Manufacturing Facilities	10,000 to 50,000	1 or 2	200
	10,000 to 50,000	3 or Greater	400
	Greater than 50,000	1 or Greater	400
Office Buildings	10,000 to 135,000	1 or 2	200
	10,000 to 135,000	3 or Greater	400
	Greater than 135,000	1 or Greater	400
Retail	10,000 to 135,000	1 or 2	200
		3 or Greater	400
	Greater than 135,000	1 or Greater	400
Warehouse	20,000 to 256,000	1 or 2	200
		3 or Greater	400
	Greater than 256,000	1 or Greater	400

5.106.5.6 Electric vehicle (EV) charging at public schools and community colleges. [DSA-SS] Electric vehicle infrastructure and electric vehicle charging stations shall comply with Section 5.106.5.6 and shall be provided in accordance with regulations in the California Building Code and the California Electrical Code.

Exceptions:
1. On a case-by-case basis where compliance with this section has been demonstrated to be not feasible based upon one of the following conditions,and with concurrence by the Division of the State Architect (DSA), compliance with Section 5.106.5.6 shall not be required.
   a. Where there is no local utility power supply.
   b. Where the local utility is unable to supply adequate power.
   c. The installation of EVCS is impracticable.
2. Parking spaces accessible only by automated mechanical car parking systems are not required to comply with Section 5.106.5.6.

5.106.5.6.1 EV capable spaces. EV capable spaces shall be provided in accordance with Table 5.106.5.6.1 and the following requirements:

1. Raceways complying with the California Electrical Code and no less than 1-inch (25 mm) diameter shall be provided and shall originate at a service panel or a subpanel(s) serving the area and shall terminate in close proximity to the proposed location of the EV capable space and into a suitable listed cabinet, box, enclosure or equivalent. A common raceway may be used to serve multiple EV capable spaces.

2. A service panel or subpanel(s) shall be provided with panel space and electrical load capacity for a dedicated 208/240 volt, 40-ampere minimum branch circuit for each EV capable space, with delivery of 30-ampere minimum to an installed EVSE at each EVCS.

3. The electrical system and any on-site distribution transformers shall have sufficient capacity to supply full rated amperage at each EV capable space.

4. The service panel or subpanel circuit directory shall identify the reserved overcurrent protective device space(s) as "EV CAPABLE." The raceway termination location shall be permanently and visibly marked as "EV CAPABLE."

TABLE 5.106.5.6.1

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF REQUIRED EVCS[2]
0-9	0	0
10-25	4	1
26-50	8	2
51-75	13	3
76-100	17	4
101-150	25	6
151-200	35	9
201 AND OVER	20 percent of total spaces[1]	25 percent of EV capable spaces[1]

1. Calculation for spaces shall be rounded up to the nearest whole number.
2. Each EVCS shall reduce the number of required EV capable spaces by the same number.

5.106.5.6.2 Electric vehicle charging stations (EVCS). EV capable spaces shall be provided with EVSE to create EVCS in the number indicated in Table 5.106.5.6.1 and shall comply with Section 5.106.5.6.2. EVCS shall be serviced by Level 2 or Direct Current Fast Charging (DCFC) EVSE, or with EVSE in any combination of Level 2 and DCFC. Accessible EVCS shall be provided in accordance with *California Building Code* Chapter 11B.

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OWNER
MADERA COUNTY

PROJECT
NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CAL GREEN CHECKLIST

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024-01
SHEET NUMBER
G1.40

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DISCLAIMER: *THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.*

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (July 2024 Supplement)

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

5.106.5.6.2.1 Reduced number of EV capable spaces. The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces indicated in Table 5.106.5.6.1 by five and reduce proportionally the required electrical load capacity to the service panel or subpanel.

5.106.5.6.2.2 Multiple connectors. EVSE with multiple vehicle connectors capable of charging multiple EVs simultaneously shall be permitted if the electrical load capacity required by Section 5.106.5.6.1 for each EV capable space is accumulatively supplied to the EVSE.

5.106.5.6.2.3 Use of automatic load management systems (ALMS). ALMS shall be permitted for EVCS installed in accordance with Section 5.105.5.8.2. When ALMS is installed, the required electrical load capacity specified in Section 5.106.5.6.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.

5.106.5.6.3 EVCS alternative compliance. In lieu of compliance with Section 5.106.5.6.2, EVCS shall be provided with Level 1, low power Level 2, or Level 2, or any combination of Level 1, low power Level 2 or Level 2 EVSE such that the total power supplied by the combination of EVSE meets the minimum power indicated in Table 5.106.5.6.3, based on the total number of actual parking spaces in each parking facility.

TABLE 5.106.5.6.3

NUMBER OF PARKING SPACES IN A PARKING FACILITY	MINIMUM TOTAL POWER (KVA) REQUIRED FOR EVCS
0-9	0
10-25	7
26-50	14
51-75	20
76-100	27
101-150	40
151-200	60
201 AND OVER	Total required KVA = P × .05 × 6.6 Where P = Parking spaces in facility

5.106.5.6.4 EVCS for alterations of or additions to parking facilities. Alterations of or additions to parking facilities shall provide EVCS in compliance with Section 5.106.5.6.4. The installation of infrastructure for EV capable spaces required to be provided without EVSE shall not be required.

5.106.5.6.4.1 Alterations of and additions to parking facilities. EVCS shall be provided in accordance with the number indicated in Table 5.106.5.6.1 or minimum power indicated in Table 5.106.5.6.3 when the scope of work includes an increase in power supply to an electric panel serving light fixtures illuminating the parking area or when area containing parking spaces is added to a parking facility. The number of required EVCS shall be based on the total number of existing and new parking spaces in the parking facility.

5.106.5.6.4.2 Alterations consisting of the installation of photovoltaic systems. EVCS shall be provided in accordance with the number indicated in Table 5.106.5.6.1 or maximum power indicated in Table 5.106.5.6.3 when a new photovoltaic system is installed in an existing parking facility.

5.106.5.6.5 Requirement to install EVSE. Level 2 EVSE shall be provided in all existing EV capable spaces to create EVCS when a project is required by California Administrative Code Section 4-309 to be submitted for plan approval to the Division of the State Architect. When EVSE is installed in existing EV capable spaces, accessible EVCS shall be provided in accordance with *California Building Code* Chapter 11B.

Exception: Projects in which improvements in parking areas consist only of accessibility improvements are not required to comply with Section 5.106.5.6.5.

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5.106.8 LIGHT POLLUTION REDUCTION. [N]. I Outdoor lighting systems shall be designed and installed to comply with the following:

1. The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and
2. Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8);
3. Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in Chapter 8) and
4. Allowable BUG ratings not exceeding those shown in Table 5.106.8, [N] or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

1. Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code.
2. Emergency lighting.
3. Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.
4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.
5. Luminaires with less than 6,200 initial luminaire lumens.

TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS 1,2

ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
MAXIMUM ALLOWABLE BACKLIGHT RATING 3					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
For area lighting 3	N/A	U0	U0	U0	U0
For all other outdoor lighting,including decorative luminaires	N/A	U1	U2	U3	UR
MAXIMUM ALLOWABLE GLARE RATING 4 (G)					
MAXIMUM ALLOWABLE GLARE RATING 4 (G)	N/A	G1	G2	G3	G4
MAXIMUM ALLOWABLE GLARE RATING 4 (G)	N/A	G0	G1	G1	G2
MAXIMUM ALLOWABLE GLARE RATING 4 (G)	N/A	G0	G0	G1	G1
MAXIMUM ALLOWABLE GLARE RATING 4 (G)	N/A	G0	G0	G0	G1

1. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the *California Energy Code* and Chapter 10 of the *California Administrative Code.*

2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.

3. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaries located in these areas shall meet *U*-value limits for "all other outdoor lighting"

Y / N/A / RESPON. PARTY

5.106.8.1 Facing- Backlight
Luminaries within 2MH of a property line shall be oriented so that the nearest property line is behind the fixture, and shall comply with the backlight rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point of that property line.

Exception: Corners. If two property lines (or two segments of the same property line) have equidistant point to the luminaire, then the luminaire may be oriented so that the intersection of the two lines (the corner) is directly behind the luminaire. The luminaire shall still use the distance to the nearest points(s) on the property lines to determine the required backlight rating.

5.106.8.2 Facing-Glare.
For luminaires covered by 5.106.8.1, if a property line also exists within or extends into the front hemisphere within 2MH of the luminaire then the luminaire shall comply with the more stringent glare rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point on the nearest property line within the front hemisphere.

Note: [N]
1.See also *California Building Code*, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.
2.Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table A-1, *California Energy Code* Tables 130.2-A and 130.2-B.
3. Refer to the *California Building Code* for requirements for additions and alterations.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

1. Swales.
2. Water collection and disposal systems.
3. French drains.
4. Water retention gardens.
5. Other water measures which keep surface water away from buildings and aid in groundwater recharge.
   Exception: Additions and alterations not altering the drainage path.

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5.106.12 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.

Exceptions: Surface parking area covered by solar photovoltaic shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.

5.106.12.2 Landscape areas. Shade trees plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation.

5.106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.

Exceptions:
1. Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.
2. Designated and marked play areas of organized sport activity are not included in the total area calculation.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL

5.201.1 Scope [BSC-CG]. *California Energy Code [DSA-SS].* For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL

5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS

5.302.1 Definitions. The following terms are defined in Chapter 2 *(and are included here for reference)*

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which ae two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least as effective as the MWELO.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. [HCD 1] A secondary device beyond a meter that measures water consumption of an individual rental unit within a multiunit residential structure or mixed-use residential and commercial structure. (See Civic Code Section 1954.202 (g) and Water code Section 517 for additional details.)

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWELO).

SECTION 5.303 INDOOR WATER USE

5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.
2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:
   a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).
   b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).
   c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

Y / N/A / RESPON. PARTY

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5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals.
5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.

5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads. [BSC-CG]
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.
Note: A hand-held shower shall be considered a showerhead.

5.303.3.3 Showerheads. [BSC-CG]
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.
Note: A hand-held shower shall be considered a showerhead.

5.303.3.4 Faucets and fountains.
5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.

5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

5.303.3.4.6 Pre-rinse spray value
When installed, shall meet the requirements in the *California Code of Regulations*, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff.

FOR REFERENCE ONLY: The following table and code section have been reprinted from the *California Code of Regulations*, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).

TABLE H-2
STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALUES MANUFACTURED ON OR AFTER JANUARY 28, 2019

PRODUCT CLASS [spray force in ounce force (ozf)]	MAXIMUM FLOW RATE (gpm)
Product Class 1 (≤ 5.0 ozf)	1.00
Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)	1.20
Product Class 3 (> 8.0 ozf)	1.28

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5.303.4 COMMERCIAL KITCHEN EQUIPMENT.

5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.
Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.

5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.

5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the *California Plumbing Code*, and shall meet the applicable standards referenced in Table 1701.1 of the *California Plumbing Code* and in Chapter 6 of this code.

SECTION 5.304 OUTDOOR WATER USE

5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.

Notes:
1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.
2. MWELO and supporting documents, including a water budget calculator, are available at: https://www.water.ca.gov/.

5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, *California Code of Regulations*, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.

Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.

5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet.

5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.

DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

SECTION 5.401 GENERAL

5.401.1 SCOPE. The provisions of this chapter specify the requirements of achieving material conservation, resource efficiency, and greenhouse gas (GHG) emission reduction through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, the installation of products with lower GHG emissions and building commissioning or testing and adjusting.

SECTION 5.402 DEFINITIONS

5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 *(and are included here for reference)*

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.

Y / N/A / RESPON. PARTY

A7.00-A7.11

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.

BUY CLEAN CALIFORNIA ACT (BCCA). The Buy Clean California Act (BCCA) (Public Contract Code Sections 3500-3505) targets carbon emissions associated with the production of structural steel (hot-rolled sections, hollow structural sections, and plate), concrete reinforcing steel, flat glass, and mineral wool board insulation. The maximum acceptable global warming potential (GWP) limits are established by the Department of General Services (DGS), in consultation with the California Air Resources Board (CARB).

CRADLE-TO-GRAVE. Activities associated with a product or building's life cycle from the extraction stage through disposal stage, and covering modules A1 through C4 in accordance with ISO Standards 14025 and 21930.

ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.

REFERENCE STUDY PERIOD. The period of use for the building, in years, that will be assumed for life cycle assessment.

TEST. A procedure to determine quantitative performance of a system or equipment

TYPE III ENVIRONMENTAL PRODUCT DECLARATION (EPD). A third-party verified report that summarizes how a product impacts the environment. Type III EPDs can be either product-specific, factory-specific, or industry-wide EPDs. See "Cradle-to-Gate."

FACTORY-SPECIFIC EPD. A product-specific Type III EPD in which the environmental impacts can be attributed to a single manufacturer and manufacturing facility.

INDUSTRY-WIDE EPD (IW-EPD). A Type III EPD in which the environmental impacts are an average of the typical manufacturing impacts for a range of products within the same product category for a group of manufacturers.

PRODUCT-SPECIFIC EPD. A Type III EPD in which the environmental impacts can be attributed to a product design and manufacturer across multiple facilities.

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.

5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.

5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:

1. An installed awning at least 4 feet in depth.
2. The door is protected by a roof overhang at least 4 feet in depth..
3. The door is recessed at least 4 feet.
4. Other methods which provide equivalent protection.

5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.

5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen may be used to assist in doumenting compliance with the waste management plan.
2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

☑ □ GC/ARCH GD.01 SPEC 017419

5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.

Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/universalwaste/

☑ □

5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:

1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.
2. For a map of know pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

SECTION 5.409 LIFE CYCLE ASSESSMENT

5.409.1 SCOPE. [BSC-CG]. Effective July 1, 2024, projects consisting of newly constructed building(s) with a combined floor area of 100,000 square feet or greater shall comply with either Section 5.409.2 or Section 5.409.3. Alteration(s) to existing building(s) where the combined altered floor area is 100,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 100,000 square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3. Effective January 1, 2026, the combined floor area shall be 50,000 square feet or greater.

[DSA-SS] Projects consisting of newly constructed building(s) with a combined floor area of 50,000 square feet or greater shall comply with either Section 5.409.2 or Section 5.409.3. Alteration(s) to existing building(s) where the combined altered floor area is 50,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 50,000 square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

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OWNER
MADERA COUNTY

PROJECT
NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CAL GREEN CHECKLIST

REVISIONS

NO.	DATE	DESCRIPTION

Building Division - County of Madera – CED Building and Safety
Plans Approved under the 2022 California Building Code
Date 03/17/26
Subject to Field Approval, Local Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024-01
SHEET NUMBER
G1.41

AIA California

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (July 2024 Supplement)

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y	N/A	RESPON. PARTY	
☐	☑		**5.409.2 Whole building life cycle assessment.** Projects shall conduct a cradle-to-grave whole building life cycle assessment performed in accordance with ISO 14040 and ISO 14044, excluding operating energy, and demonstrating a minimum 10-percent reduction in global warming potential (GWP) as compared to a reference baseline building of similar size, function, complexity, type of construction, material specification, and location that meets the requirements of the California Energy Code currently in effect. Software used to conduct the whole building life cycle assessment, including reference baseline building, shall have a data set compliant with ISO 14044, and ISO 21930 or EN 15804, and the software shall conform to ISO 21931 and/or EN 15978. The software tools and data sets shall be the same for evaluation of both the baseline building and the proposed building. **Notes:** 1. Software for calculating whole building life cycle assessment is available for free at Athena Sustainable Materials Institute (https://calculatelca.com/software/impact-estimator/) and OneClick LCA-Planetary (www.oneclicklca.com/planetary). Paid versions include, but are not limited to, Sphera GaBi Solutions (gabi.sphera.com), SimaPro (simapro.com), One-Click LCA (www.oneclicklca.com) and Tally for Revit (apps.autodesk.com). 2. ASTM E2921-22 "Standard Practice for Minimum Criteria for Comparing Whole Building Life Cycle Assessments for Use with Building Codes, Standards, and Rating Systems" may be consulted for the assessment. 3. In addition to the required documentation specified in Section 5.409.2.3, Worksheet WS-9 may be required by the enforcing entity to demonstrate compliance with the requirements. **5.409.2.1 Building components.** Building enclosure components included in the assessment shall be limited to glazing assemblies, insulation, and exterior finishes. Primary and secondary structural members included in the assessment shall be limited to footings and foundations, and structural columns, beams, walls, roofs, and floors. **5.409.2.2 Reference study period.** The reference study period of the proposed building shall be equal to the reference baseline building and shall be 60 years. **5.409.2.3 Verification of compliance.** A summary of the GWP analysis produced by the software and Worksheet WS-4 signed by the design professional of record shall be provided in the construction documents as documentation of compliance. A copy of the whole building life cycle assessment which includes the GWP analysis produced by the software, in addition to maintenance and training information, shall be included in the operation and maintenance manual and shall be provided to the owner at the close of construction. The enforcing agency may require inspection and inspection reports in accordance with Sections 702.2 and 703.1 during and at completion of construction to demonstrate substantial conformance. Inspection shall be performed by the design professional of record or third party acceptable to the enforcing agency.
☐	☑		**5.409.3 Product GWP compliance—prescriptive path.** Each product that is permanently installed and listed in Table 5.409.3 shall have a Type III environmental product declaration (EPD), either product-specific or factory-specific.

TABLE 5.409.3
PRODUCT GWP LIMITS

BUY CLEAN CALIFORNIA MATERIALS PRODUCT CATEGORY[1]	MAXIMUM ACCEPTABLE GWP VALUE (unfabricated) ($GWP_{allowed}$)	UNIT OF MEASUREMENT
Hot-rolled structural steel sections	1.77	MT CO_2e/MT
Hollow structural sections	3.00	MT CO_2e/MT
Steel plate	2.61	MT CO_2e/MT
Concrete reinforcing steel	1.56	MT CO_2e/MT
Flat glass	2.50	MT CO_2e/MT [4]
Light-density mineral wool board insulation	5.83	kg CO_2e/MT
Heavy-density mineral wool board insulation	14.28	kg CO_2e/MT
Concrete, Ready-Mixed[2, 3]		
CONCRETE PRODUCT CATEGORY	**MAXIMUM GWP ALLOWED VALUE ($GWP_{allowed}$)**	**UNIT OF MEASUREMENT**
up to 2499 psi	450	kg CO_2e/m^3
2500–3499 psi	489	kg CO_2e/m^3
3500–4499 psi	566	kg CO_2e/m^3
4500–5499 psi	661	kg CO_2e/m^3
5500–6499 psi	701	kg CO_2e/m^3
6500 psi and greater	799	kg CO_2e/m^3
Concrete, Lightweight Ready-Mixed[2]		
CONCRETE PRODUCT CATEGORY	**MAXIMUM GWP ALLOWED VALUE ($GWP_{allowed}$)**	**UNIT OF MEASUREMENT**
up to 2499 psi	875	kg CO_2e/m^3
2500–3499 psi	956	kg CO_2e/m^3
3500–4499 psi	1039	kg CO_2e/m^3

1. The GWP values of the products listed in Table 5.409.3 are based on 175 percent of Buy Clean California Act (BCCA) GWP values, except for concrete products which are not included in the BCCA.
2. For concrete, 175 percent of the National Ready Mixed Concrete Association (NRMCA) 2022 version 3 Pacific Southwest regional benchmark values are used for the GWP allowed, except for High Early Strength.
3. Concrete High Early Strength ready-mixed shall be calculated at 130 percent of the ready-mixed concrete GWP allowed values for each product category.
4. The GWP unit for flat glass has been adjusted to correct an error in the express terms. With the revised unit (MT CO2e/MT), reported GWP values will align with industry data as published in the CLF North American Material Baselines (2023).

5.409.3.1 Products shall not exceed the maximum GWP value specified in Table 5.409.3.

Exception: Concrete may be considered one product category to meet compliance with this section. A weighted average of the maximum GWP for all concrete mixes installed in the project shall be less than the weighted average maximum GWP allowed per Table 5.409.3 using Exception Equation 5.409.3.1. Calculations shall be performed with consistent units of measurement for the material quantity and the GWP value.

For the purposes of this exception, industry-wide EPDs are acceptable.

Exception EQUATION 5.409.3.1

$GWP_P < GWP_{allowed}$
where
$GWP_P = \Sigma\ (GWP_n)(v_n)$
and
$GWP_{allowed} = \Sigma\ (GWP_{allowed})(v_n)$
and
$_n$ = each concrete mix installed in the project
GWP_n = the GWP for concrete mix $_n$ per concrete mix EPD, in kg CO2e/m3
$GWP_{allowed}$ = the GWP potential allowed for concrete mix $_n$ per Table 5.409.3
v_n = the volume of concrete mix $_n$ installed in the project, in m3

Y	N/A	RESPON. PARTY	
			5.409.3.2 Verification of compliance. Calculations to demonstrate compliance, Type III EPDs for products required to comply, if included in the project, and Worksheet WS-5 signed by the design professional of record shall be provided on the construction documents. Updated EPDs for products used in construction shall be provided to the owner at the close of construction and to the enforcement entity upon request. The enforcing agency may require inspection and inspection reports in accordance with Sections 702.2 and 703.1 during and at completion of construction to demonstrate substantial conformance. Inspection shall be performed by the design professional of record or third party acceptable to the enforcing agency.

SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS

☐	☑		**5.410.1 RECYCLING BY OCCUPANTS.** Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive. **Exception:** Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section. **5.410.1.1 Additions.** All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site. **Exception:** Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area. **5.410.1.2 Sample ordinance.** Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the *Public Resources Code*. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act). **Note:** A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.
☐	☑		**5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over.** For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated y the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply. **Note:** For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements Commissioning requirements shall include: 1. Owner's or Owner representative's project requirements. 2. Basis of design. 3. Commissioning measures shown in the construction documents. 4. Commissioning plan. 5. Functional performance testing. 6. Documentation and training. 7. Commissioning report. **Exceptions:** 1. Unconditioned warehouses of any size. 2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses. 3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1. 4. Open parking garages of any size, or open parking garage areas, of any size, within a structure. **Note:** For the purposes of this section, unconditioned shall mean a building, area or room which does not provide heating and/or air conditioning. **Informational Notes:** 1. . Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the *California Energy Code*. **5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N]** The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following: 1. Environmental and sustainability goals. 2. Building sustainable goals. 3. Indoor environmental quality requirements. 4. Project program, including facility functions and hours of operation, and need for after hours operation. 5. Equipment and systems expectations. 6. Building occupant and operation and maintenance (O&M) personnel expectations. **5.410.2.2 Basis of Design (BOD). [N]** A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems: 1. Renewable energy systems. 2. Landscape irrigation systems. 3. Water reuse system. **5.410.2.3 Commissioning plan. [N]** Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following: 1. General project information. 2. Commissioning goals. 3. Systems to be commissioned. Plans to test systems and components shall include: a. An explanation of the original design intent. b. Equipment and systems to be tested, including the extent of tests. c. Functions to be tested. d. Conditions under which the test shall be performed. e. Measurable criteria for acceptable performance. 4. Commissioning team information. 5. Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning shall be included. **5.410.2.4 Functional performance testing. [N]** Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments made. **5.410.2.5 Documentation and training. [N]** A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in *California Code of Regulations* (CCR), Title 8, Section 5142, and other related regulations. **5.410.2.5.1 Systems manual. [N]** Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following: 1. Site information, including facility description, history and current requirements. 2. Site contact information. 3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log. 4. Major systems. 5. Site equipment inventory and maintenance notes. 6. A copy of verifications required by the enforcing agency or this code. 7. Other resources and documentation, if applicable. **5.410.2.5.2 Systems operations training. [N]** A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following: 1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces). 2. Review and demonstration of servicing/preventive maintenance. 3. Review of the information in the Systems Manual. 4. Review of the record drawings on the system/equipment. **5.410.2.6 Commissioning report. [N]** A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.
☐	☑		**5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet.** 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 Section 303.1.

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			5.410.4.2 (Reserved) **Note:** For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems. **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. **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, the system shall be balanced 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 enforcing agency. **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 5.501 GENERAL

5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.

SECTION 5.502 DEFINITIONS

5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 *(and are included here for reference)*

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route.

A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.

1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 32° Fahrenheit.

COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I–joists or finger–jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).

Note: See CCR, Title 17, Section 93120.1.

DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.).

DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.

ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the *California Electrical Code*, off-road, self-propelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.

ELECTRIC VEHICLE CHARGING STATION(S) (EVCS). One or more spaces intended for charging electric vehicles.

ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest.

EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.

FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections.

GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.

GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995); or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14.

HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.

LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundredths of a gram (g O^3/g ROG).

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).

PSIG. Pounds per square inch, guage.

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

SCHRADER ACCESS VALVES. Access fittings with a valve core installed.

SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.

SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units.

VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a).

Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.

Y	N/A	RESPON. PARTY	
☐	☑		GC MECH M0.00
☐	☑		GC MECH M0.00
☑	☐		GC ARCH G0.01 SPEC 064110 072101 079200 076813 095100 096500 099000

SECTION 5.503 FIREPLACES

5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.

5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.

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 or areas of addition or alteration 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 ventilation equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal 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 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

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.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT[1,2]

Less Water and Less Exempt Compounds in Grams per Liter

ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
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
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

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, www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Less Water and Less Exempt Compounds in Grams per Liter

SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

DISCLAIMER: *THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.*

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ARCHITECTURE
587 Shotwell Street
San Francisco CA 94110
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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CAL GREEN CHECKLIST

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Approved Building Plans
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024-01
SHEET NUMBER
G1.42

3/6/2026 2:32:33 PM

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 4 (July 2024 Supplement)

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

5.504.4.3 Paint and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of *California Code of Regulations*, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS[2,3]

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS

COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS[1]	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS
2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.
3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:
1. Manufacturer's product specification
2. Field verification of on-site product containers

5.504.4.4 Carpet Systems.
All carpet installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the California Department of Public Health,"Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers,"Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:
1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
5. Other methods acceptable to the enforcing agency.

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS[1]

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD[2]	0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.
2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

5.504.4.6 Resilient flooring systems. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health,"Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350)

See California Department of Public Health's website for certification programs and testing labs. https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.4.7 Thermal insulation
Comply with the requirements of the California Department of Public Health, "Standard Method of the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, "Version 1.2, January 1.2, January 2017 (Emission testing method for California Specification 01350).
See California Department of Public Health's website for certification programs and testing labs. https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.7.1 Verification of compliance.
Documentation shall be provided verifying that thermal insulation materials meet the pollutant emission limits.

5.504.4.8 Acoustical ceiling and wall panels.
Comply with the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, " Version 1.2, January 2017 (Emission testing method for California Specification 01350).
See California Department of Public Health's website for certification programs and testing labs.

5.504.4.8.1 Verification of compliance. Documentation shall be provided verifying that acoustical finish materials meet the pollutant emission limits.

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.

Exceptions: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

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 (CO_2) MONITORING. For buildings or additions equipped with demand control ventilation, CO_2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

5.506.3 Carbon dioxide (CO_2) monitoring in classrooms.
(DSA-SS) Each public K-12 school classroom, as listed in Table 120.1-A of the *California Energy Code*, shall be equipped with a carbon dioxide monitor or sensor that meets the following requirements:
1. The monitor or sensor shall be permanently affixed in a tamper-proof manner in each classroom between 3 and 6 feet (914 mm and 1829 mm) above the floor and at least 5 feet (1524 mm) away from door and operable windows.
2. When the monitor or sensor is not integral to an Energy Management Control System (EMCS), the monitor or sensor shall display the carbon dioxide readings on the device. When the sensor is integral to an EMCS, the carbon dioxide readings shall be available to and regularly monitored by facility personnel.
3. A monitor shall provide notification though a visual indicator on the monitor when the carbon dioxide levels in the classroom have exceeded 1,100ppm. A sensor integral to an EMCS shall provide notification to facility personnel through a visual and/or audible indicator when the carbon dioxide levels in the classroom have exceeded 1,100ppm.
4. The monitor or sensor shall measure carbon dioxide levels at minimum 15- minute intervals and shall maintain a record of previous carbon dioxide measurements of not less than 30 days duration.
5. The monitor or sensor used to measure carbon dioxide levels shall have the capacity to measure carbon dioxide levels with a range of 400ppm to 2000ppm or greater.
6. The monitor or sensor shall be certified by the manufacturer to be accurate within 75ppm at 1,000ppm carbon dioxide concentration and shall be certified by the manufacturer to require calibration no more frequently than once every 5 years.

SECTION 5.507 ENVIRONMENTAL COMFORT

5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport.

   Exceptions:

   1. L_{dn} or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
   2. L_{dn} or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

2. Within the 65 CNEL or L_{dn} noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.1.1. Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L_{eq} - 1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior soundlevels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.

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.

M0.00

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.

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO_2), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves Valves and fittings shall comply with the *California Mechanical Code* and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves designed to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device tha indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

CHAPTER 7
INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprentice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

Notes:

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CAL GREEN CHECKLIST

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/09/2026
SCALE
JOB NO. 2024-01
SHEET NUMBER
G1.43

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

3/9/2026 2:32:33 PM

LEGEND

	EXISTING	PROPOSED
CONTOUR LINE	105	
STORM DRAIN LINE	SD	SD
SANITARY SEWER LINE	SS	SS
SUBDRAIN LINE		
WATER LINE	W	W
FIRE WATER LINE	W	FW
IRRIGATION LINE	IRR	IRR
GAS LINE	G	GAS
ELECTRIC LINE	E	E
STREET LIGHTING LINE	SL	
JOINT TRENCH	JT	
WATER LINE EASEMENT		
PROPERTY LINE		
CLEANOUT		CO
STORM DRAIN INLET		
AREA DRAIN		
MANHOLE	MH	
WATER METER	WM	WM
FIRE HYDRANT		
WATER VALVE	WV	WV
CHECK VALVE		CV
GAS VALVE		GV
STREET LIGHT/LUMINAIRE		
SIGN		
FENCE	X	X

ABBREVIATIONS

SYMBOL	DESCRIPTION
AB	AGGREGATE BASE
ABAND	ABANDONED
AC	ASPHALT CONCRETE, ACRE
AD	AREA DRAIN
APPROX	APPROXIMATE
BFP	BACKFLOW PREVENTER
BLDG.	BUILDING
BLVD.	BOULEVARD
BM	BENCHMARK
BOT	BOTTOM
BW	BACK OF WALK
BOW	BOTTOM OF WALL
CB	CATCH BASIN
C&G	CURB AND GUTTER
CI	CURB INLET
℄ , CL	CENTERLINE
CO	CLEANOUT
CONC	CONCRETE
DI	DROP INLET
DIA	DIAMETER
DS	DOWNSPOUT
DW	DOMESTIC WATER
DWY	DRIVEWAY
E	ELECTRIC, EAST
(E)	EXISTING
EB	ELECTRIC BOX
EG	EXISTING GRADE
EL., ELEV	ELEVATION
EP	EDGE OF PAVEMENT
ESMT.	EASEMENT
EW	EACHWAY
EX, EXIST.	EXISTING

SYMBOL	DESCRIPTION
F/C, FC	FACE OF CURB
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FS	FINISHED SURFACE
FU	FUTURE
FW	FIRE WATER
G	GAS
GB	GRADE BREAK
GR	GRATE
HP	HIGH POINT
HV	HIGH VOLTAGE
INV	INVERT
IRR	IRRIGATION
LAT	LATERAL
L	LENGTH, LEFT
LF	LINEAR FEET
MAX.	MAXIMUM
MH	MANHOLE
MIN.	MINIMUM
MON	MONUMENT
N	NORTH
NO., #	NUMBER
NTS	NOT TO SCALE
OH	OVERHEAD
PB	PULLBOX
PCC	PORTLAND CEMENT CONCRETE
PERF	PERFORATED
PG&E	PACIFIC GAS AND ELECTRIC
PL, P/L	PROPERTY LINE
P.O.C.	POINT OF CONNECTION
PR, PROP	PROPOSED

SYMBOL	DESCRIPTION
PVC	POLYVINYL CHLORIDE
R, RT	RIGHT
RG	ROUGH GRADE
RAD	RADIUS
RE	RIM ELEVATION
RET. WALL	RETAINING WALL
R/W, ROW	RIGHT OF WAY
RW	RECLAIMED WATER
RWL	RAIN WATER LEADER
S	SLOPE
SD	STORM DRAIN
SDAD	STORM DRAIN AREA DRAIN
SDCO	STORM DRAIN CLEAN OUT
SDMH	STORM DRAIN MANHOLE
SDWK	SIDEWALK
SHT.	SHEET
SL	STREET LIGHT
SP	SIGN POST
SPP	SEE PLUMBING PLANS
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
ST	STREET
STA	STATION
STD	STANDARD
TC	TOP OF CURB
TEMP	TEMPORARY
TW, TOW	TOP OF WALL
TYP	TYPICAL
UG	UNDERGROUND
W	WATER
(W)	WEST
W/	WITH
WL	WATERLINE
WM	WATER METER
WV	WATER VALVE

SYMBOL LEGEND

SYMBOL	DESCRIPTION
A / C100	SECTION A ON SHEET C100
1 / C1.00	DETAIL NO 1 ON SHEET C1.00

CIVIL SHEET INDEX

C0.01	CIVIL SHEET INDEX, LEGEND, AND ABBREVIATIONS
C0.02	CIVIL SHEET NOTES
C1.00	EXISTING CONDITIONS PLAN
C2.00	DEMOLITION PLAN
C3.00	CIVIL SITE PLAN
C4.00	GRADING PLAN
C5.00	UTILITY PLAN
C6.00	CONSTRUCTION DETAILS
C6.01	CONSTRUCTION DETAILS
C6.02	CONSTRUCTION DETAILS
C6.03	CONSTRUCTION DETAILS UNIT COST #1
C6.04	CONSTRUCTION DETAILS
C7.00	EROSION CONTROL PLAN
C7.01	EROSION CONTROL NOTES AND DETAILS

ENGINEER OF WORK

I HEREBY DECLARE THAT I AM THE CIVIL ENGINEER OF WORK FOR THIS PROJECT AND THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THIS PROJECT AS DEFINED IN SECTION 6703 OF THE STATE OF CALIFORNIA, BUSINESS & PROFESSIONAL CODES, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

03/02/2026
DATE

JONATHAN TANG
P.E. NO. 67726
BKF ENGINEERS

REGISTERED PROFESSIONAL ENGINEER
JONATHAN TANG
No. C67726
CIVIL
STATE OF CALIFORNIA

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

BID SET

SHEET TITLE

CIVIL SHEET INDEX, LEGEND, AND ABBREVIATIONS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Approved under the California Building Codes
Date 03/17/26
Not to be Printed Approved Plans must conform to latest adopted Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2024-01
SHEET NUMBER	C0.01

NOTES:

I. GENERAL NOTES

1. ALL ON-SITE WORK SHALL CONFORM TO CITY STANDARDS AND PROJECT SPECIFICATIONS. ALL OFF-SITE WORK WITHIN THE CITY RIGHT-OF-WAY SHALL CONFORM TO THE CITY OF NORTH FORK STANDARD DETAILS AND SPECIFICATIONS.

2. ARRANGE FOR REQUIRED INSPECTIONS BY THE CITY INSPECTOR. NO DELAY OF WORK CLAIM WILL BE ALLOWED DUE TO CONTRACTOR'S FAILURE TO ARRANGE FOR REQUIRED INSPECTIONS IN ADVANCE. PROVIDE NOTICE TO THE INSPECTOR A MINIMUM OF 2 WORKING DAYS IN ADVANCE OF REQUIRED INSPECTIONS.

3. REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED ITEMS. REVISIONS SHALL BE ACCURATELY SHOWN ON REVISED PLANS, WHICH SHALL BE REVIEWED AND APPROVED BY THE ENGINEER AND DSA INSPECTOR PRIOR TO INSTALLATION OF THE IMPROVEMENTS.

4. REPLACE OR REPAIR EXISTING UTILITIES, IMPROVEMENTS OR FEATURES DAMAGED, REMOVED, OR DISTURBED BY CONSTRUCTION TO THEIR ORIGINAL CONDITION, WHETHER SHOWN ON PLANS OR NOT.

5. EXISTING PEDESTRIAN WALKWAYS, BIKE PATHS, AND DISABLED ACCESS PATHWAYS SHALL BE MAINTAINED DURING CONSTRUCTION TO THE SATISFACTION OF THE CONSTRUCTION MANAGER AND THE DISTRICT.

6. CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR AMBULANCE POLICE, AND FIRE DEPARTMENTS, AND THE CONTRACTOR. A DUPLICATE LIST SHALL BE PROVIDED TO THE DISTRICT AT THE TIME OF THE PRE CONSTRUCTION MEETING.

7. CONTRACTOR SHALL DEVELOP AND PROVIDE A PROJECT STORM WATER POLLUTION PREVENTION PAN (SWPPP) FOR STATE AND DISTRICT APPROVAL. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION AND TO MAINTENANCE OF ALL EROSION CONTROL AND STORM WATER CONTROL MEASURES IN ACCORDANCE WITH THE SWPPP AND CONSTRUCTION GENERAL PERMIT.

8. REPLACE STREET MONUMENTS, LOT CORNERS PIPES AND OTHER PERMANENT MONUMENTS DISTURBED DURING CONSTRUCTION. MONUMENTS SHALL BE SET BY A SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA.

9. IMPLEMENT CONSTRUCTION DUST CONTROL MEASURES TO REDUCE PARTICULATE GENERATION TO A LESS THAN SIGNIFICANT LEVEL. PROVIDE DUST CONTROL IN CONFORMANCE WITH BAY AREA AIR QUALITY MANAGEMENT DISTRICT MINIMUM REQUIREMENTS.

10. SHOULD IT APPEAR THAT THE WORK IS NOT SUFFICIENTLY DETAILED OR SPECIFIED IN CONSTRUCTION DOCUMENTS, NOTIFY THE ENGINEER AND OBTAIN CLARIFICATION BEFORE PROCEEDING WITH WORK IN QUESTION.

11. CONSTRUCTION STAKING SHALL BE DONE BY A CIVIL ENGINEER OR LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA.

12. UPON SATISFACTORY COMPLETION OF THE WORK, THE ENTIRE WORK SITE SHALL BE CLEANED UP AND LEFT WITH A SMOOTH AND NEATLY GRADED SURFACE FREE OF CONSTRUCTION WASTE AND RUBBISH OF ANY NATURE BY THE CONTRACTOR TO THE SATISFACTION OF THE DISTRICT.

13. MATCH EXISTING PAVEMENT, CURB AND GUTTER, SIDEWALK, ADJACENT LANDSCAPE AND OTHER IMPROVEMENTS WITH SMOOTH TRANSITION TO AVOID ABRUPT OR APPARENT CHANGES IN GRADES, CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.

14. PROTECT ADJOINING PREMISES, TREES, LANDSCAPING, UTILITIES, SIDEWALKS, STREETS AND OTHER FEATURES FROM DAMAGE BY CONTRACTOR'S OPERATIONS. REPAIR, REPLACE OR CLEAN ADJOINING PREMISES, TREES, LANDSCAPING, UTILITIES, SIDEWALKS, STREETS AND OTHER FEATURES TO SATISFACTION OF OWNER.

15. TRAFFIC CONTROL SIGNS SHALL BE INSTALLED AT THE DIRECTION OF THE DISTRICT AND PER CITY STANDARDS AND SPECIFICATIONS.

16. OBTAIN AND PAY FOR PERMITS AND LICENSES AS REQUIRED TO PERFORM WORK WITHIN THE CITY OF PLEASANTON RIGHT-OF-WAY PRIOR TO START OF WORK. PERMITS MAY INCLUDE CITY ENCROACHMENT PERMIT FOR WORK IN CITY RIGHT OF WAY AND GRADING PERMIT.

II. EXISTING CONDITIONS

1. THE EXISTING UTILITIES ARE PLOTTED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THESE UTILITIES. THE CONTRACTOR SHALL PERFORM NO EXCAVATION UNTIL ALL UTILITY AGENCIES AND DISTRICT HAVE BEEN NOTIFIED AND HAVE BEEN GIVEN THE OPPORTUNITY TO MARK THEIR FACILITIES IN THE FIELD.

2. VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AFFECTING UTILITIES. POTHOLE WHERE NEEDED TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES.

3. CONTACT USA (UNDERGROUND SERVICES ALERT) AT 1-800-227-2600, AND AFFECTED UTILITY COMPANIES A MINIMUM OF 2 WORKING DAYS PRIOR TO STARTING WORK TO REQUEST UTILITIES BE MARKED.

III. UTILITIES

1. PRIOR TO TRENCHING FOR ANY SEWER, WATER, OR STORM DRAIN PIPE, THE CONTRACTOR SHALL VERIFY, IN THE FIELD, THE SIZE AND LOCATION OF THE EXISTING PIPE AT THE POINT OF CONNECTION. ANY DEVIATION FROM THE PLANS SHALL BE RESOLVED BY THE DESIGN ENGINEER PRIOR TO TRENCHING.

2. NOTIFY PG&E A MINIMUM OF 2 WORKING DAYS PRIOR TO COMMENCING WORK. IF EXISTING ELECTRIC, GAS OR OTHER UTILITY SERVICES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION, NOTIFY UTILITY OWNER IMMEDIATELY.

3. PROTECT EXISTING UTILITIES FROM DAMAGE CAUSED BY CONTRACTOR'S WORK.

4. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR UTILITY TRENCHING AND BACKFILL REQUIREMENTS.

5. ALL UTILITY TRENCHES SHALL BE SHORED OR PROTECTED IN ACCORDANCE WITH OSHA AND OTHER STATE AND FEDERAL SAFETY CODES, REGULATIONS AND ORDINANCES.

6. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED, AND SHEATHED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE, AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING, AND SHEATHING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND HE SHALL COMPLETE NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION IS FOR A CONDUIT TRENCH AND/OR THE STRUCTURE IS FIVE (5) FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE SHEATHING, SHORING, AND BRACING IN CONFORMANCE WITH THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL COMPLY WITH OSHA REQUIREMENTS AT ALL TIMES.

7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL APPROVALS OF UTILITY INSTALLATIONS IN NEWLY CONSTRUCTED STREETS AND OTHER PAVED AREAS PRIOR TO PLACING NEW PAVING.

8. ALL BENDS, TEES, PLUGS, DEAD-ENDS, WET TAPS, AND BLOWOFF ASSEMBLIES SHALL BE DESIGNATED AND CONSTRUCTED WITH CONCRETE THRUST BLOCKS. CONTRACTOR IS RESPONSIBLE FOR ALL THRUST RESTRAINTS ON ALL PRESSURE PIPES.

9. ALL PIPES SHALL BE LAID ACCURATELY ACCORDING TO THE LINES AND GRADES SHOWN ON THE PLANS.

10. PIPE ENDS AND FITTINGS SHALL BE CLEAN AND FREE FROM SAND OR DIRT WHEN THE JOINTS ARE MADE. JOINTS SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

11. CONSTRUCTION OF MANHOLES SHALL INCLUDE FURNISHING FRAME AND COVER AND SETTING TO FINAL GRADE WHERE LOCATED IN PAVED AREAS.

12. MANHOLES, VALVES, CLEANOUTS, ETC., SHALL BE BROUGHT TO FINISH GRADE BY THE CONTRACTOR AFTER FINAL PAVING COURSE IS PLACED.

13. PIPES CONNECTING TO EXISTING STRUCTURES SHALL BE GROUTED SMOOTH FLUSH WITH THE EXISTING INTERIOR STRUCTURE WALL. VOIDS BETWEEN STRUCTURES AND PIPE WALL SHALL BE FILLED WITH PCC GROUT TO THE SATISFACTION OF THE DISTRICT.

IV. EARTHWORK AND GRADING

1. FILL MATERIAL SHALL BE APPROVED BY AND CONFORM TO THE SPECIFICATIONS AND THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.

2. TOPSOIL, ROOTS, VEGETABLE MATTER, TRASH AND DEBRIS WILL NOT BE CONSIDERED ACCEPTABLE FILL MATERIAL.

3. REMOVE DEBRIS FROM AREAS OF EARTHWORK PRIOR TO PLACING FILL OR STARTING GRADING AND PAVING OPERATIONS.

4. PLACE AND COMPACT FILL MATERIAL AS RECOMMENDED BY THE GEOTECHNICAL ENIGNEER. PLACE FILL MATERIAL IN MAXIMUM 8 INCH UNCOMPACTED THICKNESS. COMPACTION BY FLOODING, PONDING OR JETTING WILL NOT BE PERMITTED.

5. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES.

IW. RECORD DRAWINGS

1. CONTRACTOR SHALL KEEP ACCURATE RECORD OF THE FINAL LOCATION, ELEVATION AND DESCRIPTION OF WORK ON A COPY OF THE FINAL APPROVED CONSTRUCTION DOCUMENTS. NOTE THE LOCATIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS ENCOUNTERED THAT VARY FROM THE LOCATIONS SHOWN ON THE IMPROVEMENT PLANS. PROVIDE COPY OF RECORD INFORMATION TO OWNER AT COMPLETION OF PROJECT AND WHEN REQUESTED.

VI. STATEMENT OF RESPONSIBILITY

1. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD BOTH DESIGN PROFESSIONAL AND THE DISTRICT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF EITHER THE DESIGN PROFESSIONAL OR THE DISTRICT, RESPECTIVELY.

VII. UNAUTHORIZED CHANGES AND USES

1. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND REQUIRE WRITTEN APPROVAL OF THE DISTRICT AND THE PREPARER OF THESE PLANS.

VIII. DRAWING LANGUAGE

1. NOTES AND CALLOUTS ON DRAWINGS MAY USE IMPERATIVE LANGUAGE. REQUIREMENTS EXPRESSED IMPERATIVELY ARE TO BE PERFORMED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
JONATHAN WONG
No. C67726
CIVIL
STATE OF CALIFORNIA

BID SET

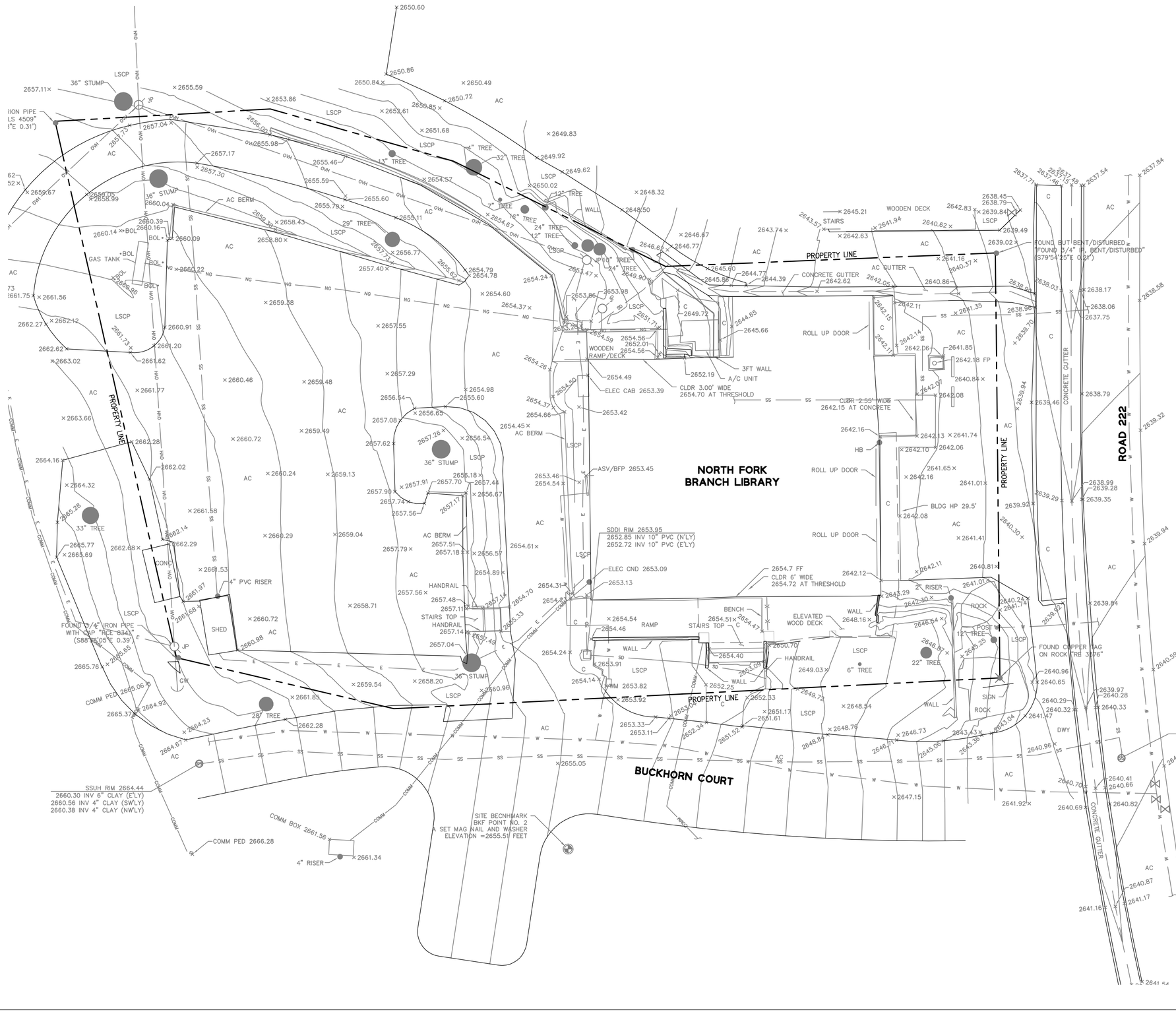
SHEET TITLE
CIVIL NOTES

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Codes
Date 03/17/26
Approved for Permit Issuance. Comply with Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER
C0.02



EXISTING BOUNDARY AND TOPOGRAPHY NOTES:

1. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS ARE BASED ON A SURVEY PERFORMED BY BKF, ON APRIL 23, 2024.
2. EXISTING SURVEY SHOWN WAS CONDUCTED WITHOUT THE BENEFIT OF A TITLE REPORT OR GRANT DEED AND IS A REPLACEMENT OF RECORD OF SURVEY FILED FOR RECORD ON DECEMBER 11, 1974 IN BOOK 20 OF MAPS AT PAGE 73, MADERA COUNTY RECORDS.
3. BASIS OF BEARINGS: THE CALCULATED BEAR OF NORTH 88°36'05" WEST BETWEEN THE FOUND COPPER TAG ON ROCK "RE 3376" AND FOUND 3/4" IRON PIPE WITH CAP "RCE 8341" AS SHOWN ON THAT CERTAIN RECORD OF SURVEY, FILED FOR RECORD ON DECEMBER 11, 1974 IN BOOK 20 OF MAPS AT PAGES 73, MADERA COUNTY RECORDS WAS USED AS THE BASIS OF BEARINGS.
3. SITE BENCHMARK: BKF CONTROL POINT NO. 2, A SET MAG NAIL AND WASHER WAS USED AS THE SITE BENCHMARK AND THE BASIS OF ELEVATION FOR THE SURVEY.

   ELEVATION = 2655.51 FEET (NGVD88 DATUM)
4. EXISTING UTILITIES ON THE SURFACE SHOWN ON THESE PLANS HAVE BEEN LOCATED BY FIELD SURVEY. ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE FROM FROM VARIOUS AVAILABLE RECORD INFORMATION FROM UTILITY COMPANIES. THE SURVEYOR/ENGINEER DOES NOT ASSUME RESPONSIBILITY FOR THEIR COMPLETENESS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING THE WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN SHALL BE DEEMED TO BE APPROXIMATE ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE DISTRICT'S REPRESENTATIVE PRIOR TO ANY WORK. CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS.
3. CONTRACTOR SHALL LOCATE AND VERIFY/AS-BUILT ALL EXISTING UTILITIES AND RECORD ON A SEPARATE PLAN NOTING DEPTH AND BENCHMARKING HORIZONTAL LOCATION OFF EXISTING IMPROVEMENTS TO REMAIN.
4. THE SITE IS LOCATED WITHIN THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S (FEMA'S) FLOOD INSURANCE RATE MAP (FIRM) NUMBER 06039C0750E, EFFECTIVE DATE SEPTEMBER 26, 2008. THE FIRM SHOWS THAT THE SITE LIES IN ZONE D, DESIGNATED AS AREA IN WHICH FLOOD HAZARDS ARE UNDETERMINED.

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REGISTERED PROFESSIONAL ENGINEER
JONATHAN TAM
No. C67726
CIVIL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
EXISTING CONDITIONS PLAN

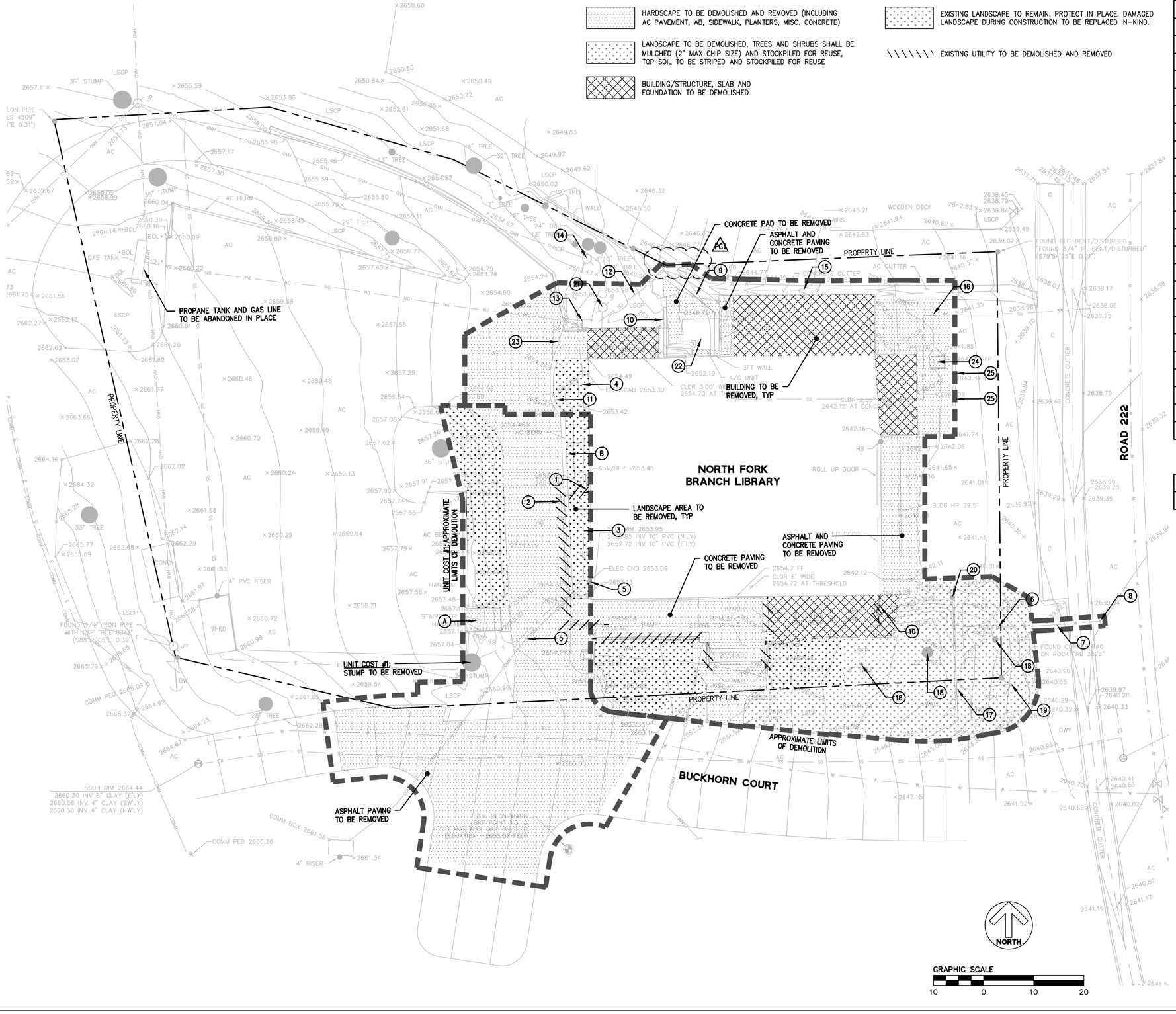
REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Residential Building Code
Date 03/17/26
Subject to Field Approval. Shall comply with all Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2024-01
SHEET NUMBER	C1.00

DEMOLITION LEGEND:

- HARDSCAPE TO BE DEMOLISHED AND REMOVED (INCLUDING AC PAVEMENT, AB, SIDEWALK, PLANTERS, MISC. CONCRETE)
- LANDSCAPE TO BE DEMOLISHED, TREES AND SHRUBS SHALL BE MULCHED (2" MAX CHIP SIZE) AND STOCKPILED FOR REUSE, TOP SOIL TO BE STRIPED AND STOCKPILED FOR REUSE
- BUILDING/STRUCTURE, SLAB AND FOUNDATION TO BE DEMOLISHED
- EXISTING LANDSCAPE TO REMAIN, PROTECT IN PLACE. DAMAGED LANDSCAPE DURING CONSTRUCTION TO BE REPLACED IN-KIND.
- EXISTING UTILITY TO BE DEMOLISHED AND REMOVED



KEYNOTES: BASE SCOPE

1	BACKFLOW PREVENTER TO BE REMOVED
2	WATER LINE TO BE REMOVED
3	ELECTRICAL LINE TO REMAIN, PROTECT IN PLACE
4	ELECTRICAL SERVICE TO REMAIN, PROTECT IN PLACE
5	FIBER LINE TO REMAIN, PROTECT IN PLACE
6	POST TO BE REMOVED
7	FIRE WATER LINE TO BE ABANDONED IN PLACE
8	FIRE WATER LINE TO BE CUT AND CAPPED AT WATER MAIN
9	STONE RETAINING WALL TO REMAIN, PROTECT IN PLACE
10	RETAINING WALL TO BE REMOVED
11	ASPHALT CURB TO BE REMOVED
12	STORM DRAIN LINE TO BE REMAIN, PROTECT IN PLACE
13	STORM DRAIN INLET TO REMAIN, PROTECT IN PLACE
14	JOINT POLE TO REMAIN, PROTECT IN PLACE
15	CONCRETE VALLEY GUTTER TO REMAIN, PROTECT IN PLACE
16	SANITARY SEWER LINE TO REMAIN, PROTECT IN PLACE
17	RETAINING WALL TO REMAIN, PROTECT IN PLACE
18	TREE TO REMAIN, PROTECT IN PLACE
19	SIGN TO BE REMOVED
20	REPLACE EXISTING SPIGOT
21	REMOVE EXISTING UTILITY POLE
22	MECHANICAL EQUIPMENT TO BE REMOVED
23	CONCRETE RAMP TO BE REMOVED
24	FLAG POLE AND FOUNDATION TO BE REMOVED
25	WHEEL STOP TO BE REMOVED

KEYNOTES: UNIT COST #1

A	STAIRS AND HANDRAILS TO BE REMOVED
B	ASPHALT CURB TO BE REMOVED

DEMOLITION NOTES:

1. CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 811 OR (800) 227-2600 AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF ANY DEMOLITION, EXCAVATION OR GRADING WORK.
2. EXISTING SUBSURFACE UTILITIES SHOWN ON THESE PLANS WERE TAKEN FROM RECORD INFORMATION KNOWN TO THE ENGINEER. THESE PLANS ARE NOT MEANT TO BE A FULL CATALOG OF EXISTING SUBSURFACE CONDITIONS. CONTRACTOR SHALL CONDUCT A FULL CATALOG OF EXISTING SUBSURFACE CONDITIONS. CONTRACTOR SHALL CONDUCT FIELD INVESTIGATIONS TO VERIFY ALL LOCATIONS AND ELEVATIONS OF EXISTING SUBSURFACE UTILITIES, WHETHER SHOWN ON PLANS OR NOT.
3. DEMOLISH EXISTING STRUCTURES, UTILITIES, AND OTHER FEATURES WITHIN THE LIMIT OF DEMOLITION AS SHOWN. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION WITHIN THE LIMITS OF THE PROPOSED PROJECT AND WHERE APPLICABLE ON THESE PLANS.
4. ALL HARDSCAPE WITHIN THE LIMITS OF DEMOLITION AS INDICATED IS TO BE DEMOLISHED, REMOVED AND/OR RECYCLED UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL REPLACE ANY DAMAGED STRUCTURE, PAVEMENT, CURB OR SIDEWALK THAT IS SAID TO REMAIN AND IS DAMAGED DURING THE COURSE OF CONSTRUCTION.
6. CONTRACTOR TO COORDINATE WITH PG&E FOR ALL TEMPORARY POWER CONNECTIONS AND REQUIREMENTS.
7. REMOVE ALL INTERIOR FENCING, FENCE POSTS FOUNDATIONS, AND OTHER LANDSCAPING FEATURES WHERE APPLICABLE.
8. AN APPROVED TEMPORARY FENCE SHALL BE INSTALLED ALONG THE LIMITS OF DEMOLITION PRIOR TO DEMOLITION WHERE REQUIRED. GATES SHALL BE KEPT LOCKED DURING NON-WORKING HOURS.
9. CONTRACTOR SHALL PROVIDE EMERGENCY VEHICULAR ACCESS TO THE SITE.
10. THE CONTRACTOR SHALL PROCEED WITH DUE CAUTION DURING ALL UNDERGROUND OPERATIONS AND SHALL REPAIR OR REPLACE ALL UTILITIES DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER AND/OR AFFECTED AGENCIES.
11. ALL TRENCHING WITHIN STREETS SHALL BE BACKFILLED AND PATCHED UPON UTILITY LINE REMOVAL TO THE SATISFACTION OF THE CITY.
12. TREES AND SHRUBS DESIGNATED FOR REMOVAL SHALL HAVE ROOTBALLS AND ANY ROOTS GREATER THAN 1/2 INCH DIAMETER REMOVED.
13. DO NOT PLACE RECYCLED CONCRETE, AC, AB OR OTHER MATERIALS IN PROPOSED LANDSCAPE AREAS.

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
JONATHAN [illegible]
No. C67726
CIVIL
STATE OF CALIFORNIA

BID SET

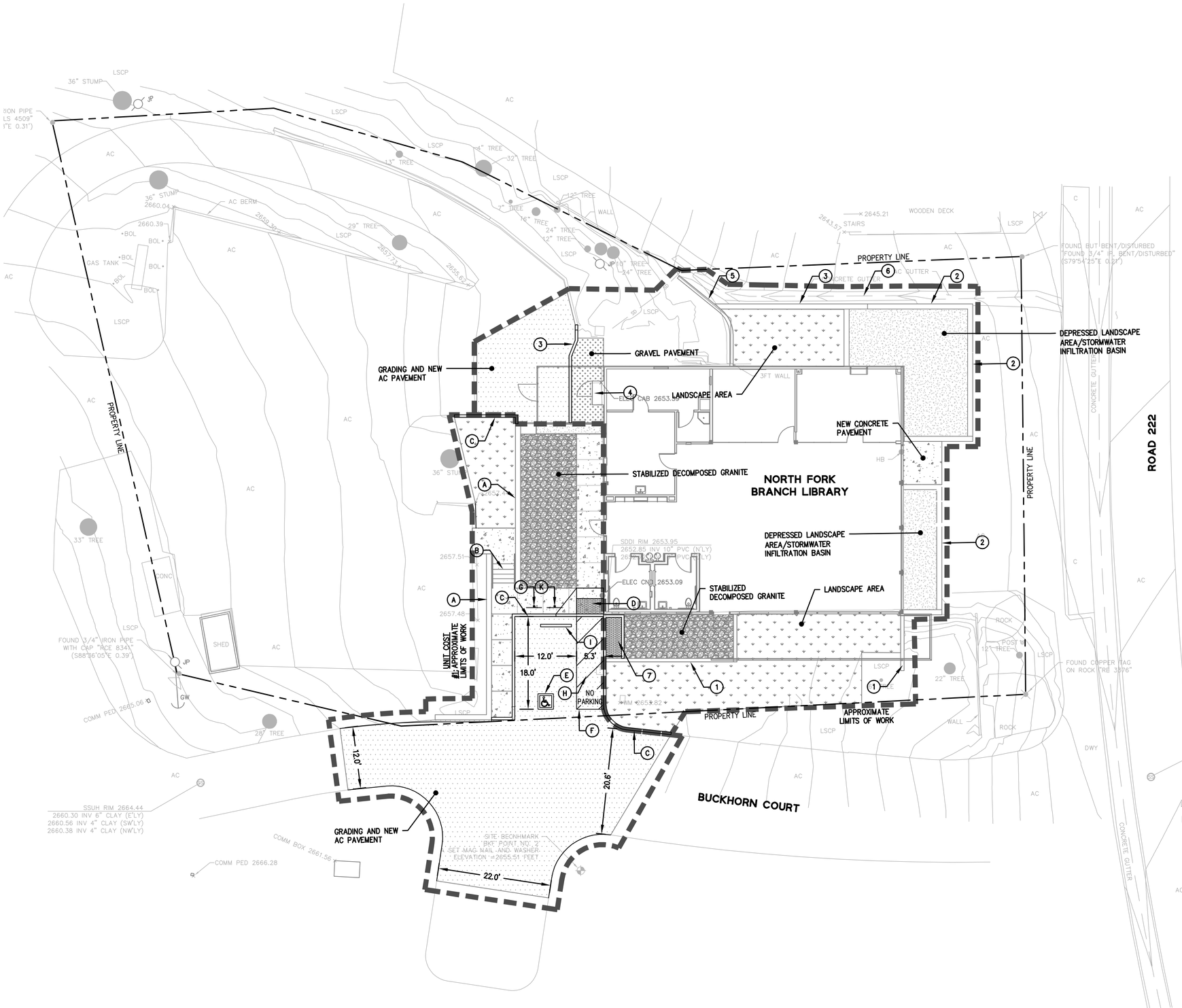
SHEET TITLE
DEMOLITION PLAN

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Approved under the California Building Codes
Plans Approved
Date 03/17/26
Reviewed for Field Approval. Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER
C2.00



KEYNOTES: BASE SCOPE

1	CONCRETE RETAINING WALL, SEE ARCHITECTURAL PLANS
2	STONE RETAINING WALL, SEE ARCHITECTURAL PLANS
3	TALL CURB
4	EXISTING ELECTRICAL SERVICE
5	EXISTING STONE RETAINING WALL
6	EXISTING CONCRETE VALLEY GUTTER
7	TRUNCATED DOMES WITH PERIMETER FLUSH CURB

KEYNOTES: UNIT COST #1

A	CONCRETE RETAINING WALL, SEE ARCHITECTURAL PLANS
B	STAIRS AND HANDRAILS, SEE ARCHITECTURAL PLANS
C	VERTICAL CURB
D	CURB RAMP WITH TRUNCATED DOMES
E	INTERNATIONAL SYMBOL OF ACCESSIBILITY
F	4 INCH BLUE STRIPING AT PERIMETER OF ACCESSIBLE AISLES
G	ACCESSIBLE STALL SIGN
H	4 INCH WHITE DIAGONAL STRIPING AT 3' ON CENTER
I	WHEEL STOP
J	FLUSH CURB
K	ACCESSIBLE TOW AWAY SIGN

NORTH

GRAPHIC SCALE
10 0 10 20

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MADERA COUNTY

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NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
JONATHAN TAM
No. C67726
CIVIL
STATE OF CALIFORNIA

BID SET

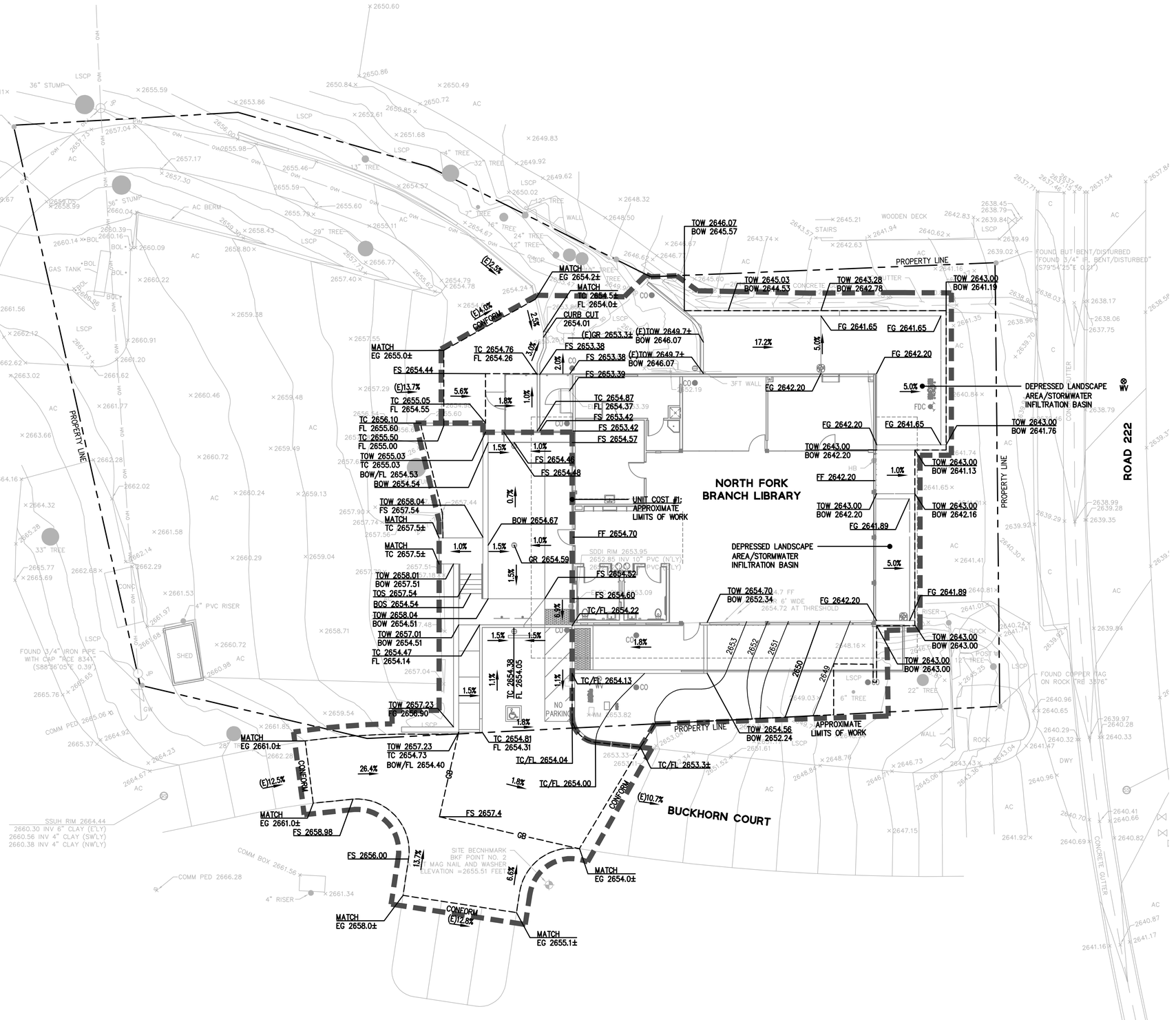
SHEET TITLE
CIVIL SITE PLAN

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Structural Building Plans. Approved under the California Building Code. Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature. Date 03/17/26

DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER
C3.00



SITE GRADING EARTHWORK QUANTITIES:

CUT:	210 CY
FILL:	10 CY
NET:	200 CY IMPORT

EARTHWORK NOTES:

THE EARTHWORK QUANTITIES SHOWN ARE IN-PLACE QUANTITIES AND HAVE BEEN ESTIMATED BY THE ENGINEER WITH THE FOLLOWING ASSUMPTIONS:

A. EARTHWORK QUANTITIES ACCOUNT FOR AN ASSUMED 3" DEPTH OF SITE STRIPPING.
B. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR STRUCTURAL FOOTING SPOILS.
C. EARTHWORK QUANTITIES ACCOUNT FOR THE FOLLOWING PAVEMENT SECTIONS:
   C.1. ASPHALT PAVING (4.5" SECTION)
   C.2. CONCRETE PAVING (8" SECTION)
   C.3. STABILIZED DECOMPOSED GRANITE (8" SECTION)
   C.4. GRAVEL PAVING (6" SECTION)
   C.5. BIO-INFILTRATION MATERIAL (18" SECTION)
   C.6. LANDSCAPE MATERIAL (18" SECTION)
B. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR UTILITY TRENCHING AND SPOILS.
D. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR EXCAVATION DEPTH FOR LANDSCAPING PLANTING SOILS.
E. EARTHWORK QUANTITIES DOES ACCOUNT FOR TOPSOIL AND PLANTING MATERIAL.
F. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR SOIL STABILIZATION FACTORS.
B. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR FILL SHRINKAGE/SWELLING FACTORS.
C. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR OVEREXCAVATION.

ACTUAL QUANTITIES MAY VARY DUE TO FIELD CONDITIONS OR CONSTRUCTION TECHNIQUES. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES BASED UPON APPROVED PLANS AND INDEPENDENT CALCULATIONS.

NORTH

GRAPHIC SCALE
10 0 10 20

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REGISTERED PROFESSIONAL ENGINEER
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No. C67726
CIVIL
STATE OF CALIFORNIA

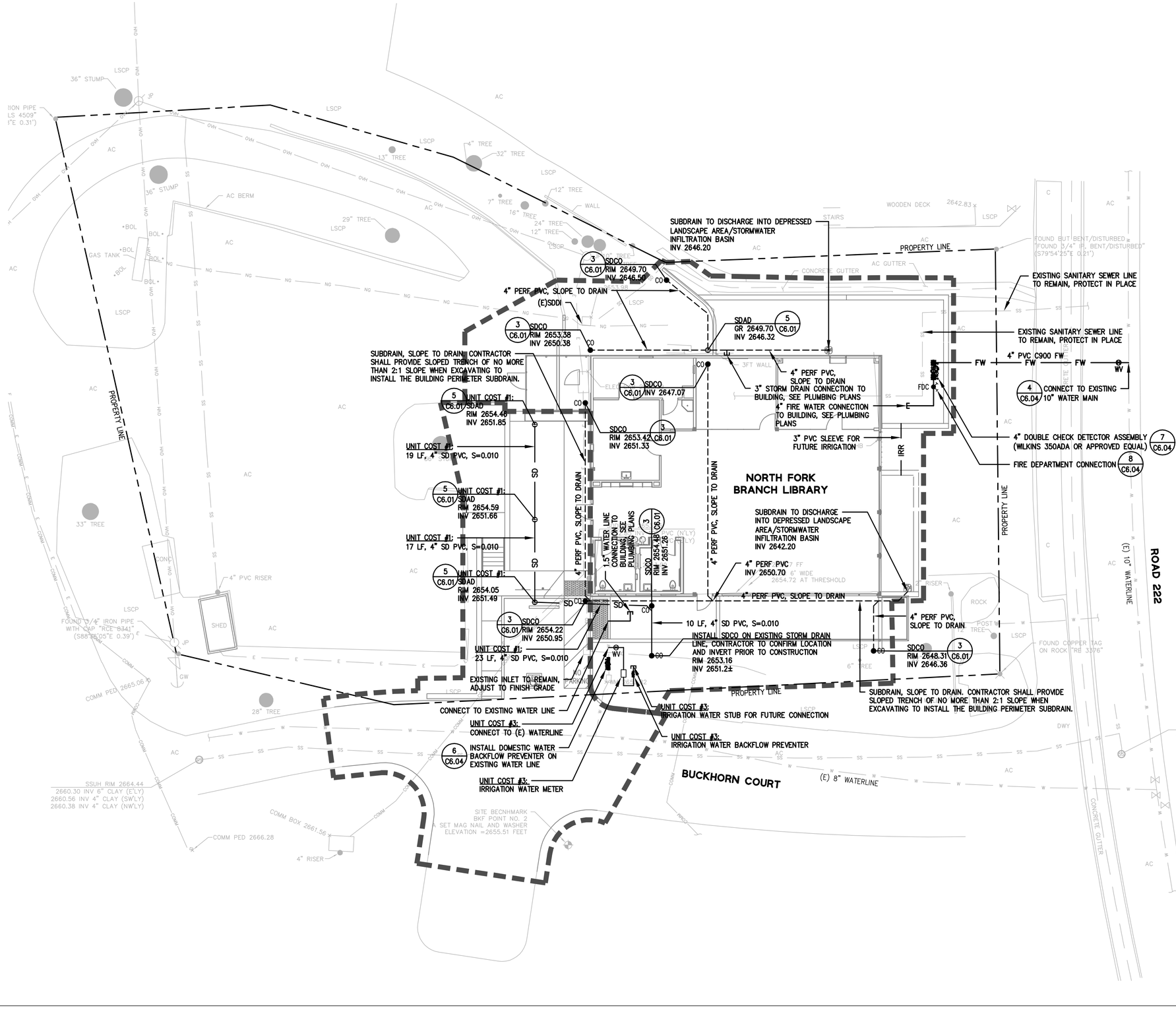
BID SET

SHEET TITLE
GRADING PLAN

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Residential Building Code
Date 03/17/26
Approved Plans must be on jobsite. Subject to Field Inspection. Laws, Codes and Ordinances, not valid without signature.

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2024-01
SHEET NUMBER	C4.00



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ARCHITECTURE

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JONATHAN [illegible]
No. C67726
CIVIL
STATE OF CALIFORNIA

BID SET

SHEET TITLE

UTILITY PLAN

REVISIONS

NO.	DATE	DESCRIPTION

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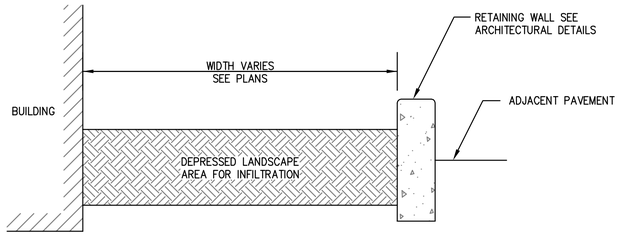
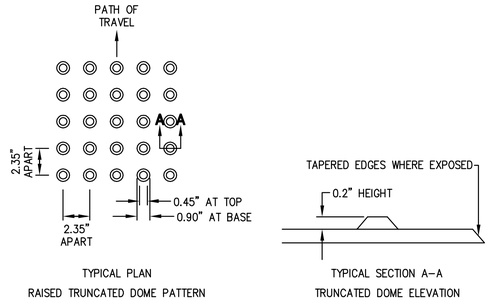
Plans Approved under the California Building Codes
Date 03/17/26
Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER **C5.00**



6 — DEPRESSED LANDSCAPE AREA FOR INFILTRATION

NTS

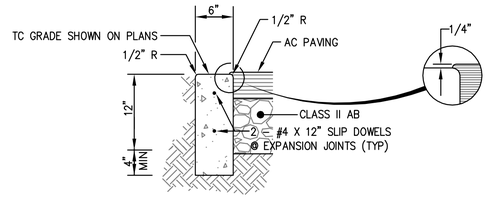


NOTES:

1. CAST IN PLACE DETECTABLE/TACTILE WARNING SURFACE TILES SHALL BE VITRIFIED POLYMER COMPOSITE WITH ALUMINUM OXIDE CAST-IN-PLACE TILES BY ARMOR-TILE, OR APPROVED EQUAL. EXISTING ENGINEERED AND FIELD TESTED PRODUCTS, WHICH HAVE BEEN IN SUCCESSFUL SERVICE FOR A PERIOD OF THREE YEARS ARE SUBJECT TO COMPLIANCE WITH SPECIFIED TILES, AND MAY BE INCORPORATED IN THE WORK IF THEY MEET OR EXCEED THE TEST CRITERIA AND CHARACTERISTICS OF THE ABOVE SPECIFIED TILE. COLOR SHALL BE YELLOW (CONFORMING TO FEDERAL STANDARD 595C, COLOR NO. 33538). SUBMIT PRODUCT DATA FOR APPROVAL. INSTALL PER MANUFACTURER'S SPECIFICATION.
2. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE.

3 — DETECTABLE WARNING SURFACE

NTS

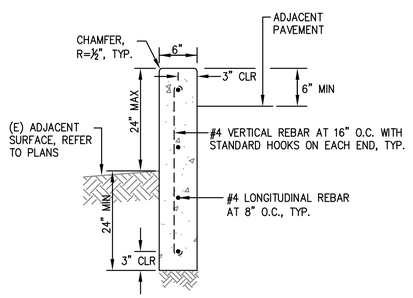


NOTES:

1. CONCRETE CURBS SHALL BE EMBEDDED AT LEAST FOUR INCHES BELOW SOIL SUBGRADE (BELOW THE BOTTOM OF THE AGGREGATE BASE SECTION) IN ANY AREAS WHERE IRRIGATED LANDSCAPE AREAS ARE ADJACENT TO AC PAVEMENTS.

4 — FLUSH CURB

NTS

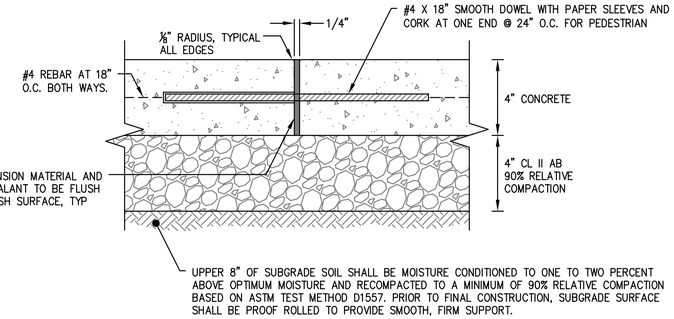


NOTES:

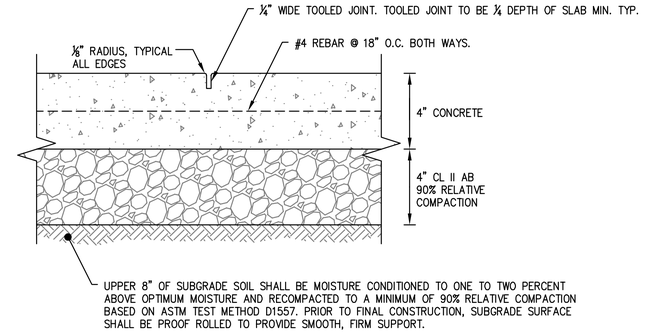
1. CONCRETE CURB SHALL BE 1 POUR.
2. PROVIDE EXPANSION JOINTS AT 16' O.C. SPACING.
3. PROVIDE EXPANSION JOINTS AT EACH LOCATION WHERE AN ELEVATION STEP OCCURS BETWEEN CHANGING CURB TYPES.
4. EXPANSION JOINTS SHALL BE INSTALLED WITH A ½" CHAMFER BUILT INTO THE FORM WORK, IN ADDITION TO THE FIBER EXPANSION JOINT MATERIAL.
5. ALL EXPANSION JOINTS SHALL BE SEALED PER SPECIFICATION.
6. NO SCORE JOINTS ARE REQUIRED IN TALL CURBS.
7. FINISH SHALL BE MEDIUM BROOM – TOP AND SIDES.

5 — TALL CURB

NTS



EXPANSION JOINT (EJ)



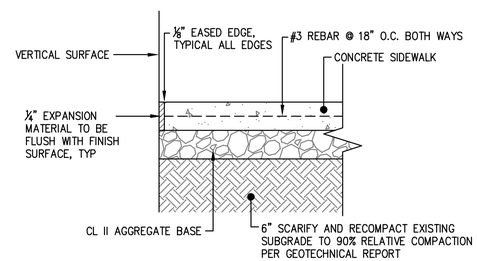
SCORE JOINT (SJ)

NOTES:

1. INTERRUPT REINFORCING STEEL AT EXPANSION JOINT.
2. LOCATE COLD JOINTS ONLY AT EXPANSION JOINT OR SCORE JOINT LOCATIONS AS INDICATED ON LAYOUT PLAN. LOCATE COLD JOINTS AT EXPANSION JOINTS WHERE POSSIBLE. IF COLD JOINTS ARE LOCATED AT SCORE JOINT LOCATIONS AS SHOWN ON LAYOUT PLAN, REBAR CAN BE EXTENDED THROUGH THE JOINT AND STEEL DOWELS CAN BE ELIMINATED.

1 — CONCRETE PAVEMENT

NTS



NOTES:

1. PROVIDE EXPANSION JOINT @ ALL VERTICAL SURFACES

2 — EXPANSION JOINT AT VERTICAL SURFACE

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER JONATHAN TAM No. 067726 CIVIL STATE OF CALIFORNIA

BID SET

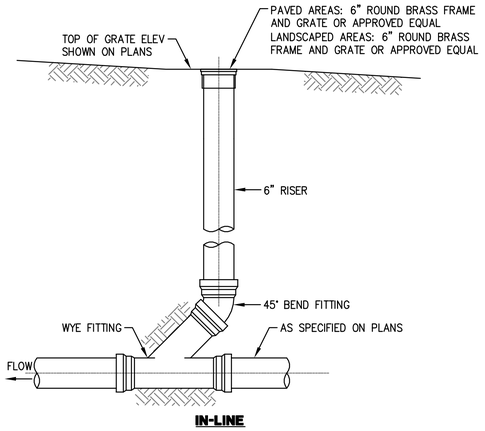
SHEET TITLE

CONSTRUCTION DETAILS

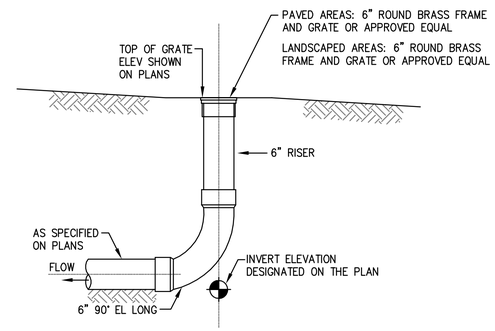
REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Plans Approved under the California Building Code – Date 03/17/26 – Plans reviewed/approved shall comply with all applicable Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2024-01
SHEET NUMBER	C6.00



IN-LINE

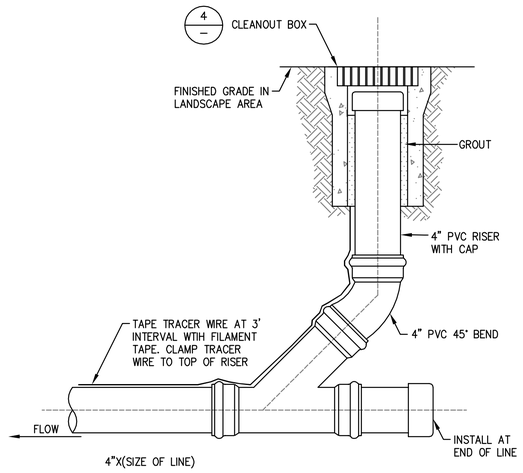


END OF LINE

NOTE:

1. ALL GRATES SHALL BE ADA COMPLIANT WITH 1/2" MAXIMUM OPENING.
2. AREA DRAIN GRATES WITHIN PAVED AREAS SHALL BE H-20 RATED.
3. ALL GRATES TO BE BOLT DOWN TYPE.

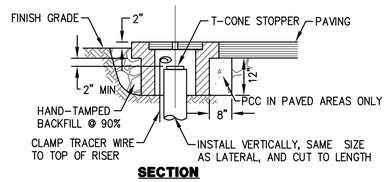
5 — STORM DRAIN AREA DRAIN
NTS



NOTES:

1. ALL PVC PIPE TO BE SDR 26.

3 — CLEANOUT
NTS

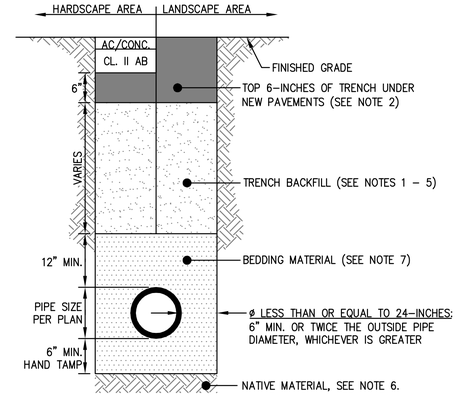


SECTION

NOTES:

1. PROVIDE STEEL TRAFFIC COVER FOR BOX WHEN INSTALLED IN LOCATION SUBJECT TO VEHICULAR LOADING.
2. CHRISTY CONCRETE TYPE F8 METER BOX WITH F8D LID, MARKED "SEWER" OR "STORM".
3. TAPE TRACER WIRE AT 3' INTERVAL WITH FILAMENT TAPE.
4. LATERAL AND RISER SHALL BE AWWA C-906, OR 11 HDPE.
5. TO CONNECT NEW WYE TO EXISTING CLAY LATERAL, USE RUBBER COUPLING WITH CONTINUOUS STAINLESS STEEL BAND.

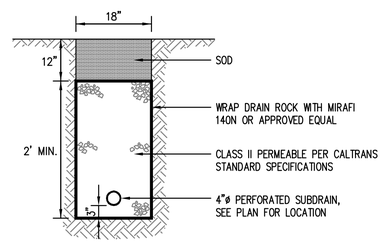
4 — CLEANOUT BOX
NTS



NOTES:

1. UTILITY TRENCHES SHALL BE BACKFILLED WITH ENGINEERED FILL PLACED IN LIFTS NOT EXCEEDING EIGHT INCHES IN UNCOMPACTED THICKNESS, EXCEPT THICKER LIFTS MAY BE USED WITH THE APPROVAL OF THE GEOTECHNICAL ENGINEER.
2. IN PAVEMENT AREAS, THE UPPER THREE FEET OF TRENCH BACKFILL SHALL BE COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION FOR BACKFILL CONSISTING OF ON-SITE SOILS, AND 95 PERCENT WHERE IMPORTED, CLEAN SAND BACKFILL IS USED, PER GEOTECHNICAL RECOMMENDATIONS. IN ADDITION, THE UPPER SIX INCHES OF ALL TRENCH BACKFILL UNDER THE NEW PAVEMENTS SHALL BE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION, PER GEOTECHNICAL RECOMMENDATIONS.
3. WATER JETTING TO ACHIEVE THE REQUIRED LEVEL OF BACKFILL COMPACTION SHALL NOT BE PERMITTED, PER GEOTECHNICAL RECOMMENDATIONS.
4. ON-SITE SOILS HAVING AN ORGANIC CONTENT OF LESS THAN THREE PERCENT BY VOLUME AND WHICH ARE FREE OF CONSTRUCTION DEBRIS CAN BE USED AS FILL, PER GEOTECHNICAL RECOMMENDATIONS. FILL MATERIAL SHALL NOT CONTAIN ROCKS OR LUMPS GREATER THAN SIX INCHES IN GREATEST DIMENSION WITH NOT MORE THAN 15 PERCENT LARGER THAN 2.5 INCHES, PER GEOTECHNICAL RECOMMENDATIONS. ANY REQUIRED IMPORT FILL SHALL BE PREDOMINANTLY GRANULAR WITH A PLASTICITY INDEX OF 12 OR LESS, PER GEOTECHNICAL RECOMMENDATIONS.
5. THE MOISTURE CONTENT OF THE ON-SITE SOILS UTILIZED AS FILL SHALL BE ADJUSTED TO ABOUT TWO PERCENT ABOVE THEIR LABORATORY OPTIMUM MOISTURE CONTENT, PER GEOTECHNICAL RECOMMENDATIONS.
6. OVEREXCAVATE ANY REMAINING SOFT (PUMPING) AREAS DOWN TO FIRM SOIL AND BACKFILL THE AREA.
7. UTILITY LINES SHALL BE PROPERLY BEDDED AND SHADED WITH SAND. THE BEDDING LAYER SHALL BE AT LEAST 6 INCHES THICK AND THE UTILITY LINES SHALL BE SHADED WITH THE GRANULAR MATERIALS TO A MINIMUM OF 12 INCHES ABOVE THE UTILITY LINE. THE BEDDING AND SHADING LAYERS SHALL BE COMPACTED USING A VIBRATORY COMPACTOR BEFORE SUBSEQUENT BACKFILL IS PLACE, PER GEOTECHNICAL RECOMMENDATIONS.
8. ALL ASPECTS OF UTILITY TRENCHING SHALL BE PERFORMED UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER'S FIELD REPRESENTATIVES.
9. THIS DETAIL IS APPLICABLE FOR STORMDRAIN, SANITARY SEWER, DOMESTIC WATER, AND FIRE WATER UTILITIES ONLY.

1 — TRENCH DETAIL
NTS



2 — STORM DRAIN SUBDRAIN
NTS

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OWNER

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SHEET TITLE
CONSTRUCTION DETAILS

△ REVISIONS

NO.	DATE	DESCRIPTION

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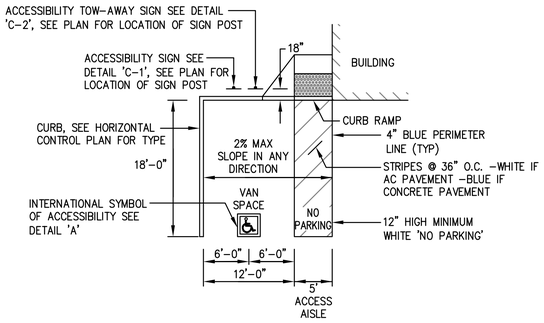
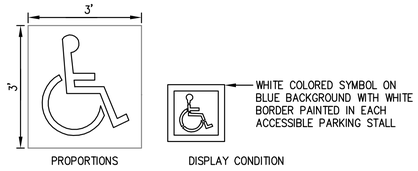
Plans Approved under the California Residential Building Code
Date 03/17/26
Approved for Plan Approval Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2024-01
SHEET NUMBER	C6.01



PARKING STALLS

SEE HORIZONTAL CONTROL PLAN FOR LAYOUT

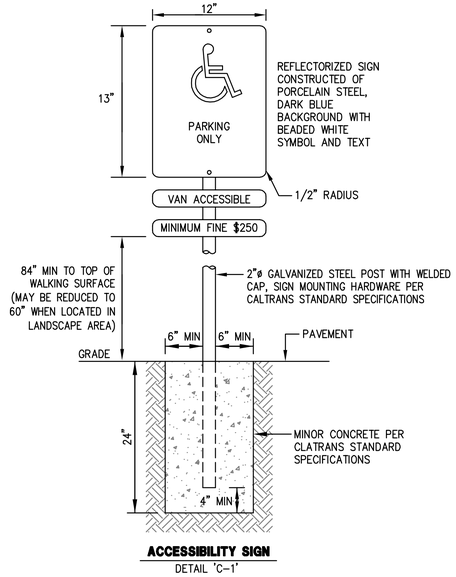


INTERNATIONAL SYMBOL OF ACCESSIBILITY

DETAIL 'A'

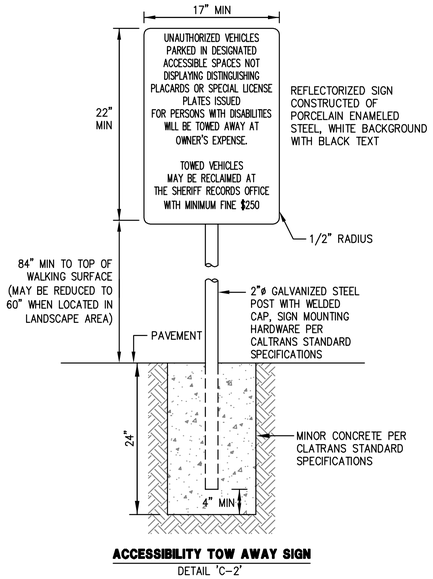
NOTES:

1. EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR OCCUPANT IN WHITE ON DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND WHEN IN A PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 84 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SIGNS MAY ALSO BE CENTERED ON THE WALL AT THE INTERIOR OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 60 INCHES FROM THE PARKING SPACE FINISHED GRADE, GROUND, OR SIDEWALK.
2. AN ADDITIONAL SIGN SHALL ALSO BE POSTED IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO THE OFF- STREET, PARKING FACILITY, OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL. THE SIGN SHALL NOT BE LESS THAN 17 INCHES X 22 INCHES IN SIZE, LETTERING NOT LESS THAN 1 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:
3. "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 OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT _____.
4. CONTRACTOR SHALL COORDINATE LOCATION OF SIGN WITH TRUSTEE'S REPRESENTATIVE.
5. VAN STALLS SHALL BE DESIGNATED BY AN ADDITIONAL SIGN STATING "VAN ACCESSIBLE" MOUNTED BELOW THE REFLECTORIZED SIGN.



ACCESSIBILITY SIGN

DETAIL 'C-1'

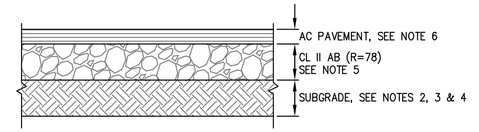


ACCESSIBILITY TOW AWAY SIGN

DETAIL 'C-2'

4 — ACCESSIBLE PARKING STALLS

NTS



AC PAVEMENT SECTION DESIGN (SUBGRADE R-VALUE = 40)

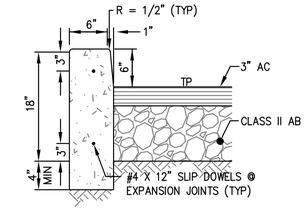
LOCATION	AC	CL II AB	AC/BASEROCK GRINDINGS (SEE NOTE 1)	TI
AUTO PARKING	2.5"	2.0"	4.0"	4.5

NOTES:

1. THE AC/BASEROCK GRINDINGS SHALL HAVE A MINIMUM R-VALUE OF 70 BASED ON TESTING OF THE STOCKPILED MATERIALS.
2. THE UPPER SIX INCHES OF PARKING LOT SUBGRADE SHALL BE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION, PER GEOTECHNICAL RECOMMENDATIONS. ANY FILL REQUIRED BELOW THE UPPER SIX INCHES OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 90 PERCENT, PER GEOTECHNICAL RECOMMENDATIONS.
3. THE SUBGRADE SHALL BE STATICALLY ROLLED WITH A HEAVY, SMOOTH DRUM ROLLER TO PROVIDE A SMOOTH FIRM SURFACE, PER GEOTECHNICAL RECOMMENDATIONS.
4. ANY UNSTABLE OR PUMPING SUBGRADE AREAS SHOULD BE SUBEXCAVATED AND PLUGGED WITH BASEROCK OR OVERLAIN WITH A STABILIZING FABRIC SUCH AS MIRAFI 600X. FABRIC INSTALLATION SHOULD BE PERFORMED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE METHOD AND EXTENT OF ANY REQUIRED STABILIZATION WORK SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER.
5. CLASS II AGGREGATE BASE SHALL HAVE AN R-VALUE OF AT LEAST 78 AND CONFORM TO THE REQUIREMENTS OF SECTION 26-1.02A OF THE LATEST EDITION OF CALTRANS STANDARD SPECIFICATIONS. THE AGGREGATE BASE MATERIAL SHALL BE PLACED IN THIN LIFTS IN A MANNER TO PREVENT SEGREGATION. THE AGGREGATE BASE SHALL ALSO BE UNIFORMLY MOISTURE CONDITIONED AND COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION TO PROVIDE A SMOOTH, UNYIELDING SURFACE.
6. ASPHALT CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 39 OF THE LATEST EDITION OF CALTRANS STANDARD SPECIFICATIONS.
7. AC PATHWAY AREAS SHALL HAVE UPPER SIX INCHES OF SOIL SUBGRADE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION, PER GEOTECHNICAL RECOMMENDATIONS. ANY FILL REQUIRED BELOW THE UPPER SIX INCHES OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 90 PERCENT, PER GEOTECHNICAL RECOMMENDATIONS.

1 — AC PAVEMENT SECTION DESIGN

NTS

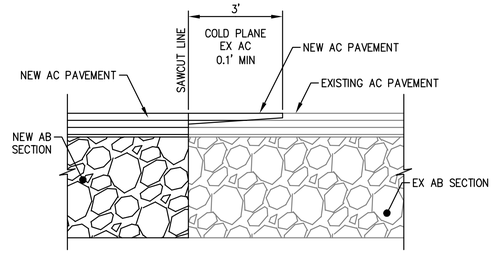


NOTES:

1. CONCRETE CURBS SHALL BE EMBEDDED AT LEAST FOUR INCHES BELOW SOIL SUBGRADE (BELOW THE BOTTOM OF THE AGGREGATE BASE SECTION) IN ANY AREAS WHERE IRRIGATED LANDSCAPE AREAS ARE ADJACENT TO AC PAVEMENTS.

2 — VERTICAL CURB

NTS



3 — PAVEMENT CONFORM

NTS

JAYSON ARCHITECTURE
587 Shotwell Street
San Francisco CA 94110
jaysonarch.com
415.317.0529

BKF
255 SHORELINE DRIVE
SUITE 200
REDWOOD CITY, CA 94065
(650) 482-6300
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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER JONATHAN [illegible] No. C67726 CIVIL STATE OF CALIFORNIA

BID SET

SHEET TITLE

CONSTRUCTION DETAILS

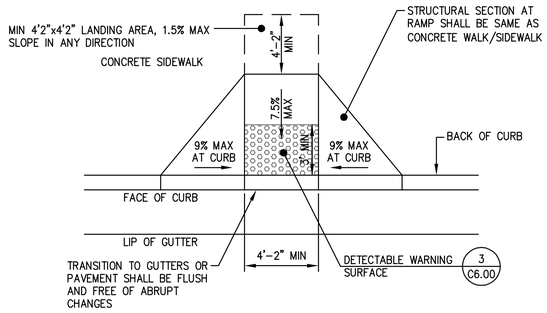
REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Approved under the California Building Codes

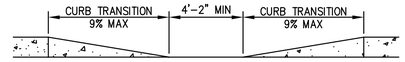
Date 03/17/26

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2024-01
SHEET NUMBER	C6.02

Approved Plans Must Be On Project Site. Codes and Ordinances, not valid without signature



CASE A CURB RAMP

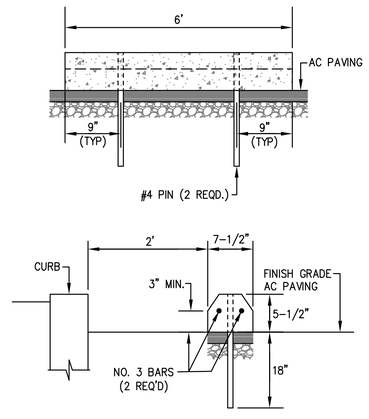


CASE A - ELEVATION

NOTES:

1. A "CURB RAMP" IS DEFINED AS THE ENTIRE CONCRETE SURFACE AREA WHICH INCLUDES THE RAMP AND THE FLARED SIDES. THE "RAMP" IS DEFINED AS THE 4-'2" WIDE MINIMUM CENTER PORTION INCLUDING THE DETECTABLE SURFACE, AND SHALL LIE IN A SLOPED PLANE OF 7.5% MAXIMUM AND CROSS SLOPE NOT TO EXCEED 1.5% THE "FLARED SIDE" IS DEFINED AS THE AREA ON EITHER SIDE OF THE RAMP AND SHALL LIE ON A SLOPED PLANE OF 9% MAXIMUM MEASURED ALONG THE CURB. THE CURB RAMP SURFACES SHALL HAVE A SURFACE FLATNESS TOLERANCE OF 1/4" PER 10-FOOT STRAIGHT EDGE MAXIMUM.
2. WHEN VERTICAL OBSTRUCTIONS ARE PRESENT NEAR THE CURB AT THE END OF THE FLARED SIDE, OR WHEN THE CURB RAMP IS DIAGONAL TO THE CURB THAT WILL RESULT IN AN EXTREMELY LONG FLARED SIDE SURFACE, THEN THE AFFECTED FLARED SIDE MAY BE CUT AND TERMINATED PERPENDICULAR TO THE CURB, PROVIDED THAT THE REQUIRED SLOPE IS ACHIEVED ON EACH OF THE RESULTING PLANES.
3. A LEVEL LANDING OF 4'-2" MINIMUM DEPTH, 1.5% MAXIMUM CROSS SLOPE, SHALL BE PROVIDED AT THE LOWER END OF THE RAMP AND OVER THE FULL WIDTH OF THE RAMP TO ALLOW SAFE EGRESS. THE ALGEBRAIC SUM OF THE OPPOSING SLOPES BETWEEN TWO ADJACENT SURFACES SHALL NOT EXCEED 9.33%.
4. THE BOTTOM OF THE RAMP SHALL BE FLUSH WITH THE LOWER LANDING (NO HALF-INCH LIP).
5. A LEVEL LANDING 4'-2" DEEP MINIMUM, 1.5% MAXIMUM CROSS SLOPE IN EACH DIRECTION, SHALL BE PROVIDED AT THE UPPER END OF EACH CURB RAMP TO ALLOW SAFE EGRESS FROM THE RAMP SURFACE. THE WIDTH OF THE LEVEL LANDING SHALL BE AT LEAST AS WIDE AS THE WIDTH OF THE RAMP.
6. NO NEW VERTICAL OBSTRUCTIONS MAY BE LOCATED IN THE CURB RAMP.
7. NEW UTILITY BOXES SHALL NOT BE PLACED WITHIN THE RAMP.
8. THE SURFACE OF THE CURB RAMP AND DETECTABLE SURFACE MATERIAL SHALL BE STABLE, FIRM AND SLIP RESISTANT. THE CONCRETE CURB RAMP SURFACE SHALL BE BROOM FINISHED TRANSVERSE TO THE AXIS OF THE RAMP AND SHALL BE SLIGHTLY ROUGHER THAN THE FINISH ON THE ADJACENT SIDEWALK SURFACE. ALL CURB RAMP SURFACES SHALL BE SLIP RESISTANT, INCLUDING CONCRETE OR OTHER APPROVED SURFACE MATERIALS, AND THE DETECTABLE WARNING MATERIAL MEASURED AT THE TOP OF DOMES SURFACES AND THE SURFACE BETWEEN DOMES. SLIP RESISTANCE SHALL BE MEASURED IN ACCORDANCE WITH ASTM C1028 AND SHALL ACHIEVE A STATIC COEFFICIENT OF FRICTION OF 0.8 OR GREATER, WET OR DRY.
9. THE DEPTH OF THE COMBINED CONCRETE CURB AND GUTTER SHALL BE EQUAL TO THE DEPTH OF THE EXISTING PAVEMENT STRUCTURAL SECTION OR 6 INCHES, WHICHEVER IS GREATER.
10. THE RAMP CENTER LINE AND PATH OF TRAVEL MUST BE PARALLEL TO THE CROSSWALK. THE FULL WIDTH OF THE RAMP SHALL LIE WITHIN THE CROSSWALK AREA. IT IS DESIRABLE THAT THE LOCATION OF THE RAMP BE AS CLOSE AS POSSIBLE TO THE CENTER OF THE CROSSWALK.

1 — CURB RAMP
NTS



2 — WHEEL STOP
NTS

JAYSON
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587 Shotwell Street
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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
JONATHAN
No. C67726
CIVIL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CONSTRUCTION DETAILS UNIT COST #1

REVISIONS

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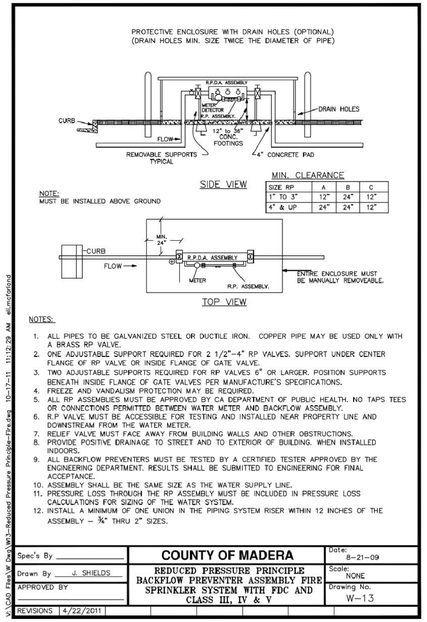
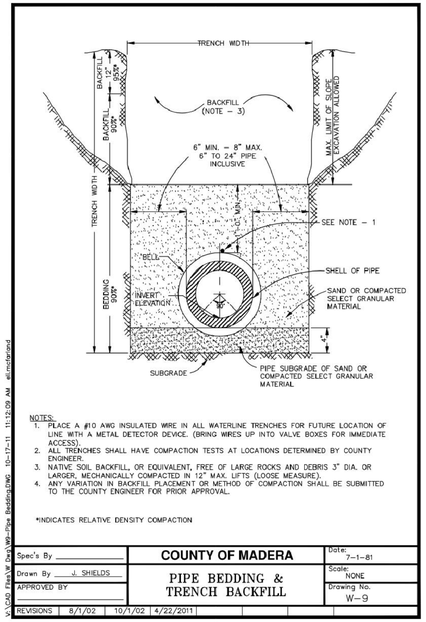
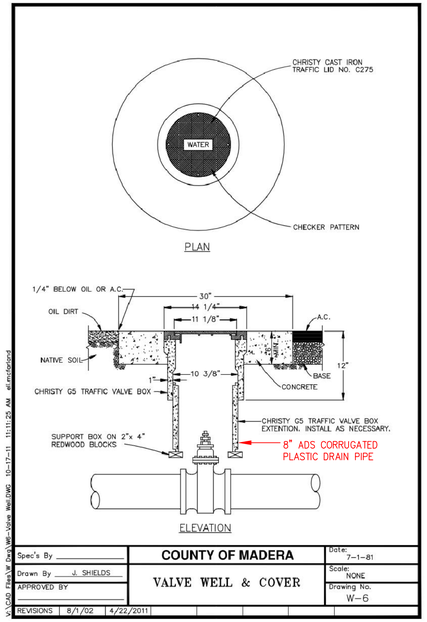
C6.03



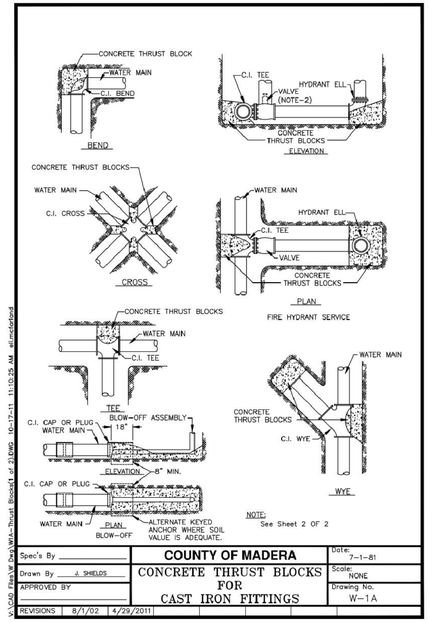
7 – REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER ASSEMBLY FIRE SPRINKLER SYSTEM WITH FDC
NTS



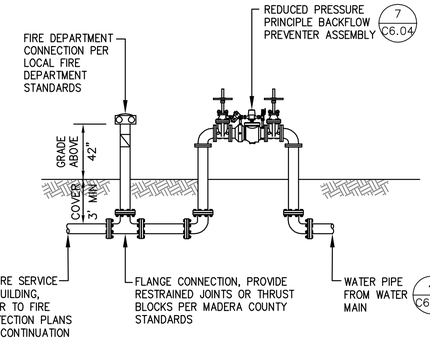
5 – PIPE BEDDING & TRENCH BACKFILL
NTS



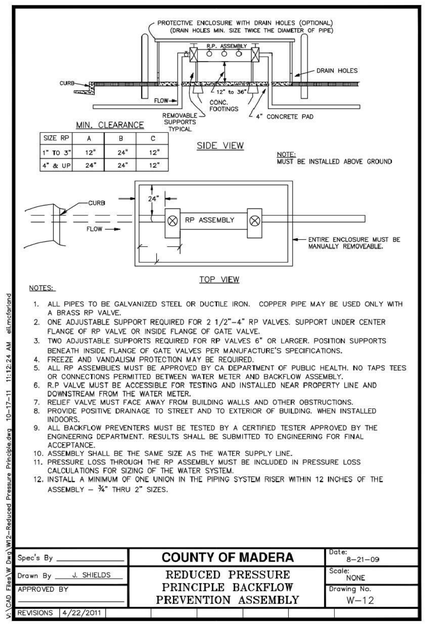
3 – VALVE WELL & COVER
NTS



1 – CONCRETE THRUST BLOCKS FOR CAST IRON FITTINGS
NTS



8 – FIRE DEPARTMENT CONNECTION
NTS



6 – REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY
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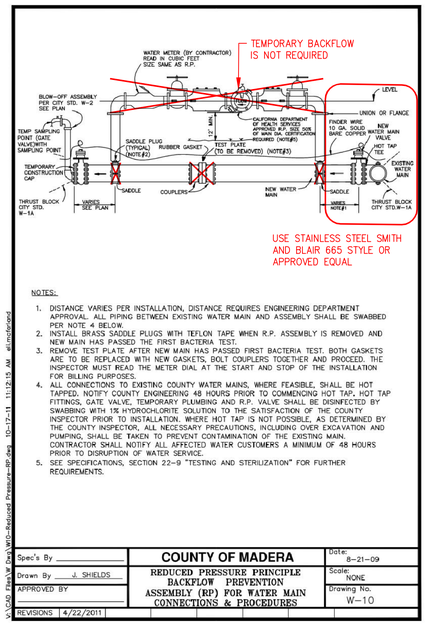
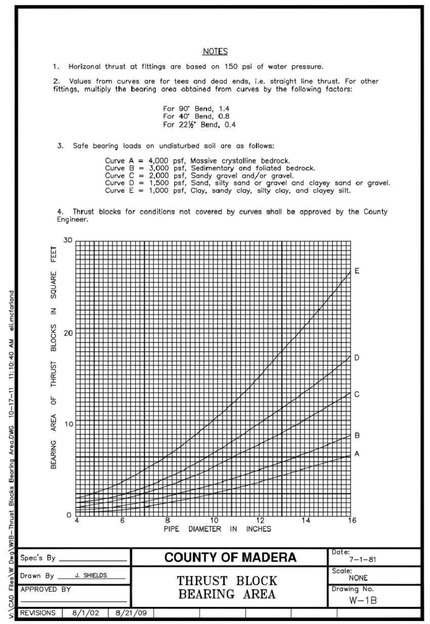


4 – REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (RP) FOR WATER MAIN CONNECTIONS & PROCEDURES
NTS



2 – THRUST BLOCK BEARING AREA
NTS

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587 Shotwell Street
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OWNER

MADERA COUNTY

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32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
JONATHAN WONG
No. C67726
CIVIL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CONSTRUCTION DETAILS

REVISIONS

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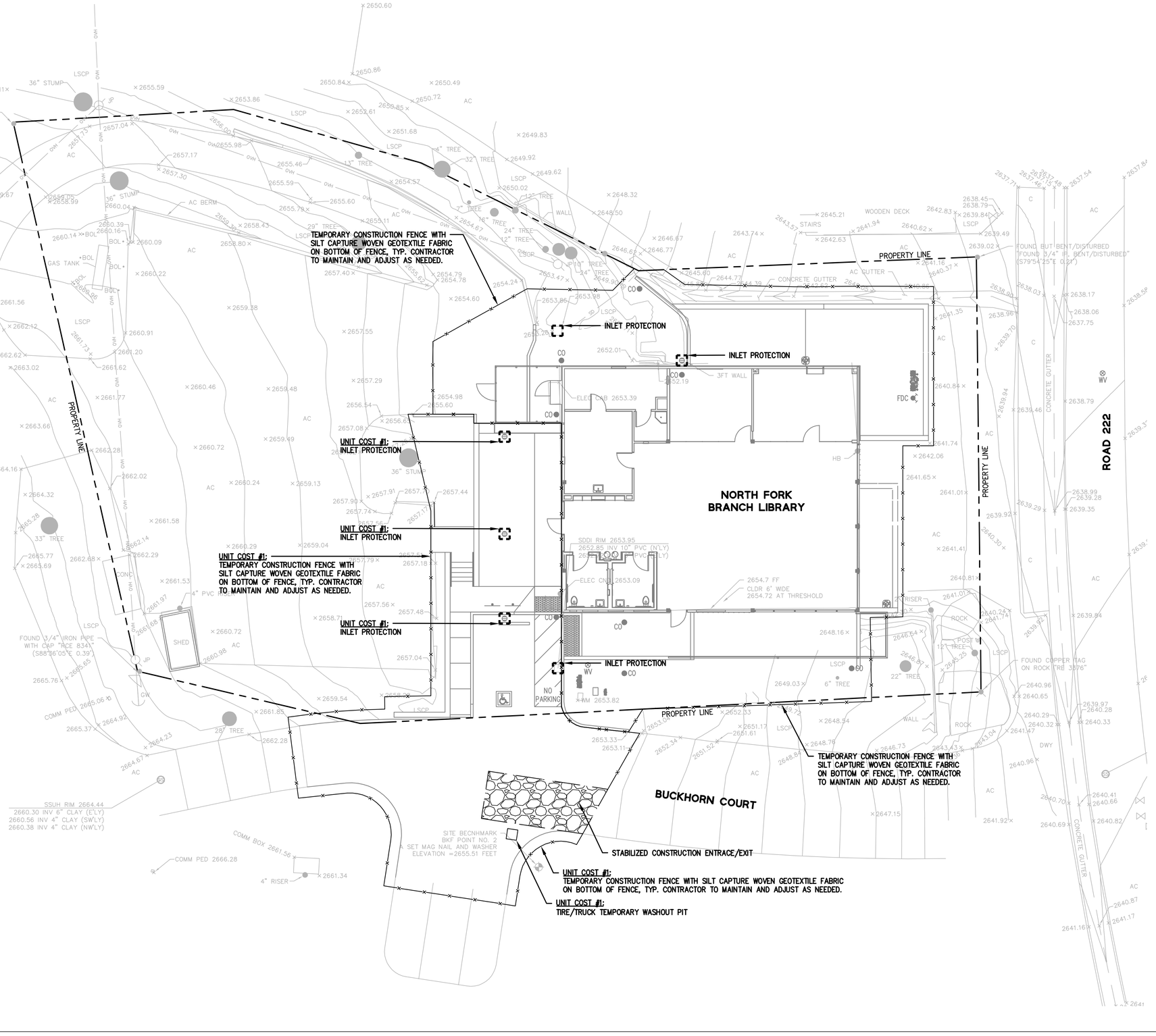

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NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
JONATHAN TAM
No. C67726
CIVIL
STATE OF CALIFORNIA

BID SET

SHEET TITLE

EROSION CONTROL PLAN

REVISIONS

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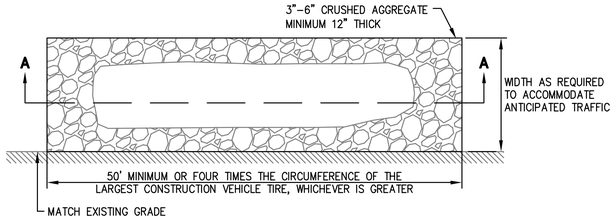
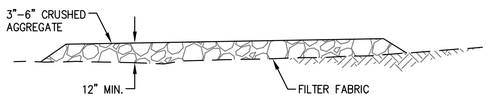
C7.00



PLAN

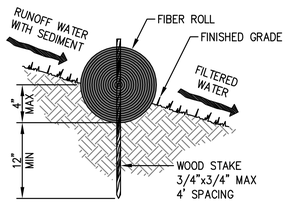


SECTION A-A

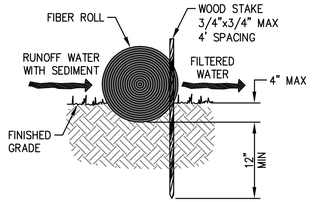
NOTES:

1. ALL CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT–OF–WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USE TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT–OF–WAYS SHALL BE REMOVED IMMEDIATELY.
2. WHEELS SHALL BE CLEAN PRIOR TO ENTRANCE ONTO PUBLIC RIGHT–OF–WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF INLET PROTECTION (E.G. SAND BAGS OR OTHER APPROVED METHODS).
3. THE MATERIAL FOR CONSTRUCTION OF THE PAD SHALL BE 3" TO 6" STONE.
4. THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 12".
5. THE WIDTH OF THE PAD SHALL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
6. THE LENGTH OF THE PAD SHALL NOT BE LESS THAN 50'.

3 — STABILIZED CONSTRUCTION ENTRANCE/EXIT
NTS



ENTRENCHMENT DETAIL IN SLOPE AREA

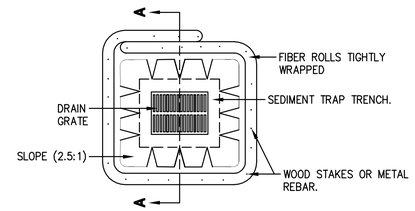


ENTRENCHMENT DETAIL IN FLAT AREA

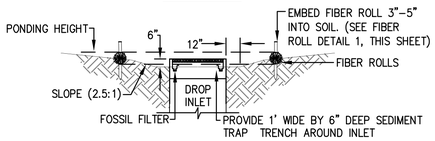
NOTES:

1. PREPARE SLOPE BEFORE THE FIBER ROLL PROCEDURE IS STARTED. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" TO 4" DEEP, RUN PARALLEL TO THE CONTOUR.
2. INSTALL FIBER ROLL FROM THE BOTTOM OF THE SLOPE AND WORK UP. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE FIBER ROLL AND INTO THE SOIL FOR WOODEN STAKES. DRIVE THE STAKE THROUGH THE PREPARED HOLE INTO THE SOIL.
3. LEAVE ONLY ONE OR TWO INCHES OF STAKE EXPOSED ABOVE FIBER ROLL.
4. INSTALL STAKES AT LEAST EVERY THREE FEET APART THROUGH THE FIBER ROLL.
5. ADJACENT FIBER ROLLS SHALL BE TIGHTLY ABUT.
6. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
7. INSTALL AT LOCATIONS SHOWN ON PLANS.
8. IN SLOPE AREAS SPACE FIBER ROLLS EVERY 10 VERTICAL FEET ON SLOPE.

1 — FIBER ROLL
NTS



PLAN VIEW

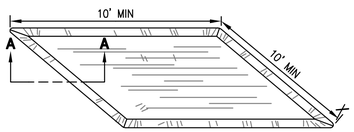


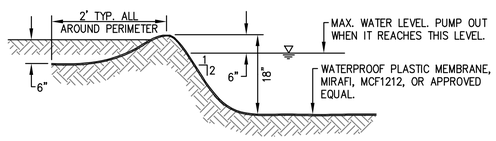
SECTION A - A

NOTES:

1. PLACE FIBER ROLLS AROUND THE INLET CONSISTENT WITH BASIN SEDIMENT BARRIER DETAIL ON THIS SHEET. FIBER ROLLS ARE TUBES MADE FROM STRAW BOUND W/ PLASTIC NETTING. THEY ARE APPROXIMATELY 8" DIA. AND 20 – 30 FT. LONG.
2. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE FIBER ROLL IN A TRENCH, 3" – 5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY–PASSING THE INLET. EXCAVATION OF A BASIN ADJACENT TO THE DROP INLET OR A TEMPORARY DIKE ON THE DOWNSLOPE OF THE STRUCTURE MAY BE NECESSARY.
4. FOSSIL FILTERS SHALL BE INCORPORATED IN ALL CATCH BASINS AND FIELD INLETS 24" AND LARGER AND SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS. FOSSIL FILTERS TO BE SILT SACK OR APPROVED EQUIVALENT.

2 — INLET PROTECTION
NTS





SECTION A-A

4 — TIRE/TRUCK TEMPORARY WASHOUT PIT
NTS

EROSION CONTROL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. EROSION CONTROL PLAN AND MEASURES TO MEET THE MADERA COUNTY REQUIREMENTS.
2. ALTHOUGH SPECIFIC LOCATIONS FOR SEDIMENT CONTROL FACILITIES ARE SHOWN ON THESE PLANS, IT IS INTENDED THIS EROSION CONTROL PLAN BE MODIFIED WHEN NECESSARY TO MEET FIELD CONDITIONS.
3. THE INTENT OF THESE PLANS IS TO PROVIDE THE INITIAL CONCEPT FOR INTERIM EROSION CONTROL. THE CONTRACTOR SHALL UPDATE THE PLANS TO REFLECT CHANGING SITE CONDITIONS. PLAN UPDATES SHALL BE BASED UPON GENERAL SURVEY DATA. EROSION CONTROL EFFECTIVENESS SHALL ALSO BE MONITORED AND THE PLANS UPGRADED AS REQUIRED TO PREVENT SIGNIFICANT QUANTITIES OF SEDIMENT FROM ENTERING THE DOWNSTREAM DRAINAGE SYSTEM.
4. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE STORM RUN OFF SEDIMENT FROM LEAVING THE SITE. FIBER ROLLS, SAND BAGS, AND SILT FENCES SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. ALL EXISTING, TEMPORARY, OR PERMANENT CATCH BASINS SHALL USE ONE OF THE SEDIMENT BARRIERS SHOWN.
5. THE CONTRACTOR WILL BE LIABLE FOR ANY AND ALL DAMAGES TO PUBLIC AND/OR PRIVATE OWNED AND MAINTAINED ROAD CAUSED BY THE CONTRACTOR'S PAVING ACTIVITIES, AND WILL BE RESPONSIBLE FOR THE CLEANUP OF ANY MATERIAL SPILLED ON ANY PUBLIC ROAD ON THE HAUL ROUTE. ADJACENT PUBLIC ROADS SHALL BE CLEANED AT THE END OF EACH WORKING DAY.
6. BEST MANAGEMENT PRACTICES SHALL BE OPERABLE YEAR AROUND.
7. DURING THE RAINY SEASON, ALL PAVED AREAS ARE TO BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE IS TO BE MAINTAINED SO AS TO MINIMIZE SEDIMENT–LADEN RUNOFF TO ANY STORM DRAIN SYSTEM.
8. ALL EROSION CONTROL FACILITIES MUST BE INSPECTED AND REPAIRED DAILY DURING THE RAINY SEASON. ALL SLOPES SHALL BE REPAIRED AS SOON AS POSSIBLE WHEN DAMAGED.
9. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY.
10. COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD.
11. APPLY WATER AS NEEDED, OR AS DIRECTED BY ENGINEER, OR APPLY NON–TOXIC SOIL STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS, AND STAGING AREAS AT THE CONSTRUCTION SITE.
12. SWEEP (WITH WATER SWEEPERS) AS NEEDED, OR AS DIRECTED BY ENGINEER, ALL PAVED ACCESS ROADS, PARKING AREAS, AND STAGING AREAS AT THE CONSTRUCTION SITES.
13. SWEEP PUBLIC STREETS ADJACENT TO CONSTRUCTION SITES DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED ONTO THE STREETS.
14. LIMIT TRAFFIC SPEEDS ON UNPAVED ROADS TO 15 MILES PER HOUR.
15. INSTALL SANDBAGS OR OTHER EROSION CONTROL MEASURES TO PREVENT SILT RUNOFF TO PUBLIC ROADWAYS.
16. REPLANT VEGETATION IN DISTURBED AREAS AS SOON AS POSSIBLE.
17. INSTALL WHEEL WASHERS FOR ALL EXITING TRUCKS OR WASH OFF THE TIRES OR TRACKS OF ALL TRUCKS AND EQUIPMENT LEAVING THE CONSTRUCTION SITE AS NEEDED, OR AS DIRECTED BY ENGINEER.
18. INSTALL WIND BREAKS AT THE WINDWARD SIDES OF THE CONSTRUCTION AREAS.
19. MAINTAIN EROSION CONTROL MEASURES CONTINUOUSLY YEAR ROUND DURING CONSTRUCTION ACTIVITIES. STABILIZING SHALL INCLUDE BOTH PROACTIVE MEASURES, SUCH AS THE PLACEMENT OF STRAW BALES OR COIR NETTING, AND PASSIVE MEASURES, SUCH AS MINIMIZING VEGETATION REMOVAL AND REVEGETATING DISTURBED AREAS WITH VEGETATION THAT IS COMPATIBLE WITH THE SURROUNDING ENVIRONMENT.
20. STORE, HANDLE, AND DISPOSE OF CONSTRUCTION MATERIALS AND WASTES PROPERLY, SO AS TO PREVENT THEIR CONTACT WITH STORMWATER.
21. CONTROL AND PREVENT THE DISCHARGE OF ALL POTENTIAL POLLUTANTS, INCLUDING PAVEMENT CUTTING WASTES, PAINTS, CONCRETE, PETROLEUM PRODUCTS, CHEMICALS, WASH WATER OR SEDIMENTS, AND NON–STORMWATER DISCHARGES TO STORM DRAINS AND WATERCOURSES.
22. USE SEDIMENT CONTROLS OR FILTRATION TO REMOVE SEDIMENT WHEN DEWATERING SITE AND OBTAINING ALL NECESSARY PERMITS.
23. AVOID CLEANING, FUELING, OR MAINTAINING VEHICLES ON–SITE, EXCEPT IN A DESIGNATED AREA WHERE WASH WATER IS CONTAINED AND TREATED.
24. DELINEATE WITH FIELD MARKERS CLEARING LIMITS, SETBACKS, AND DRAINAGE COURSES.
25. PROTECT ADJACENT PROPERTIES AND UNDISTURBED AREAS FROM CONSTRUCTION IMPACTS USING VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES, MULCHING, OR OTHER MEASURES AS APPROPRIATE.
26. PERFORM CLEARING AND EARTH–MOVING ACTIVITIES ONLY DURING DRY WEATHER.
27. LIMIT AND TIME APPLICATIONS OF PESTICIDES AND FERTILIZERS TO PREVENT POLLUTED RUNOFF.
28. LIMIT CONSTRUCTION ACCESS ROUTES AND STABILIZE DESIGNATED ACCESS POINTS.
29. IF NO WORK HAS PROGRESSED FOR A PERIOD OF 6–WEEKS, FINAL DRAINAGE AND EROSION CONTROL IMPROVEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH AN APPROVED WINTERIZATION PLAN.
30. HAUL ROADS ARE CURRENTLY NOT SHOWN ON THE PLANS. EROSION CONTROL MEASURES SHALL BE TAKEN TO MINIMIZE EROSION RELATED TO HAUL ROADS.
31. THE NAME, ADDRESS, AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE PROVIDED TO THE COUNTY.
32. SHOULD IT APPEAR THAT THE EROSION CONTROL PLAN, OR ANY OTHER MATTER THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.

ALL EROSION CONTROL MEASURES SHALL BE IN PLACE DURING CONSTRUCTION AND PRIOR TO THE START OF THE WET SEASON (OCTOBER 1) AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION.

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

BID SET

SHEET TITLE

EROSION CONSTROL NOTES AND DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Approved under the California Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

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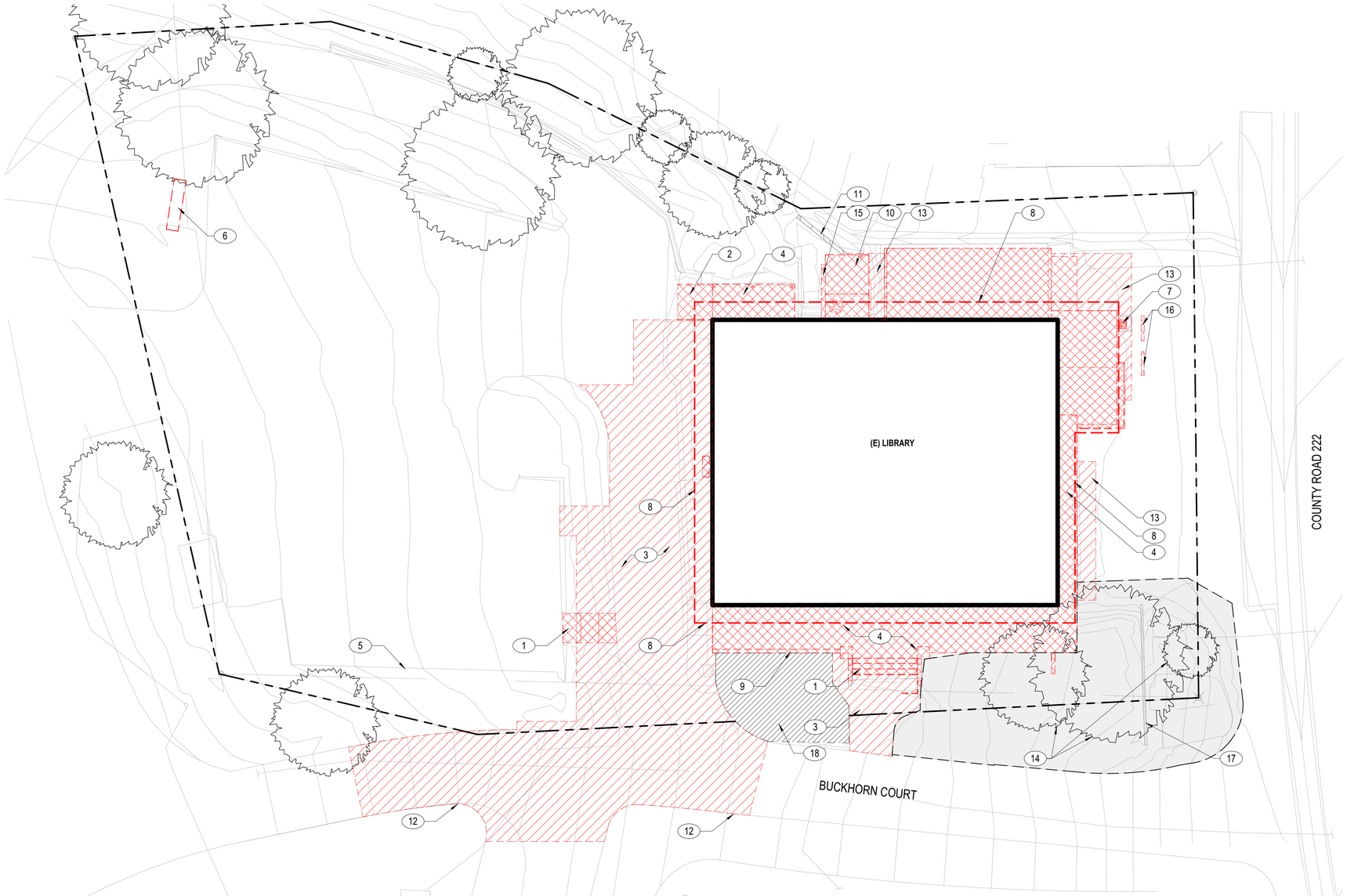

1 A1.10 DEMO SITE PLAN
1" = 10'-0"

0' 5' 10' 20'

N

GENERAL NOTES

1. SCD, SLD, SSD, SED FOR ADDITIONAL INFORMATION

KEY NOTES

1. DEMO (E) STAIR, HANDRAILS & LANDINGS
2. DEMO (E) CONCRETE RAMP, HANDRAILS & LANDINGS
3. DEMO (E) PAVERS
4. DEMO (E) DECK & RAILING, SSD
5. DEMO (E) PARKING STRIPING
6. DEMO (E) PROPANE TANK, SCD, SMD, SPD
7. DEMO (E) FLAGPOLE & CONCRETE BASE, SALVAGE&PROTECT (E) PLAQUE FOR REUSE
8. DEMO (E) HARDSCAPE W/O, EXCAVATE FOR (N) FRENCH DRAIN & WATERPROOFING, SCD
9. DEMO (E) CMU WALL
10. DEMO (E) MECH UNIT & CONCRETE PAD, SCD, SMD
11. (E) RETAINING WALL TO REMAIN, SCD
12. APPROXIMATE EXTENT OF ACCESS ROAD, NOT SURVEYED
13. DEMO (E) HARDSCAPE, EXCAVATE FOR (N) INFILTRATION BASIN, SCD
14. (E) TREE TO REMAIN, PROTECT IN PLACE
15. DEMO (E) ROCK RETAINING WALL, SALVAGE STONES FOR USE ON (N) SITE WALL, SCD
16. DEMO (E) CONC CURB
17. (E) LANDSCAPE WALL TO REMAIN, PROTECT IN PLACE, SCD
18. (E) GARDEN, SALVAGE PLANTS AND BOULDER, POT & REPLANT, SLD

LEGEND

- DEMO (E) STRUCTURE
- DEMO (E) HARDSCAPE, SCD
- PROTECT IN PLACE LANDSCAPE AREA
- SALVAGE PLANTS AND BOULDER
- PROPERTY LINE

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
DEMO - SITE PLAN

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
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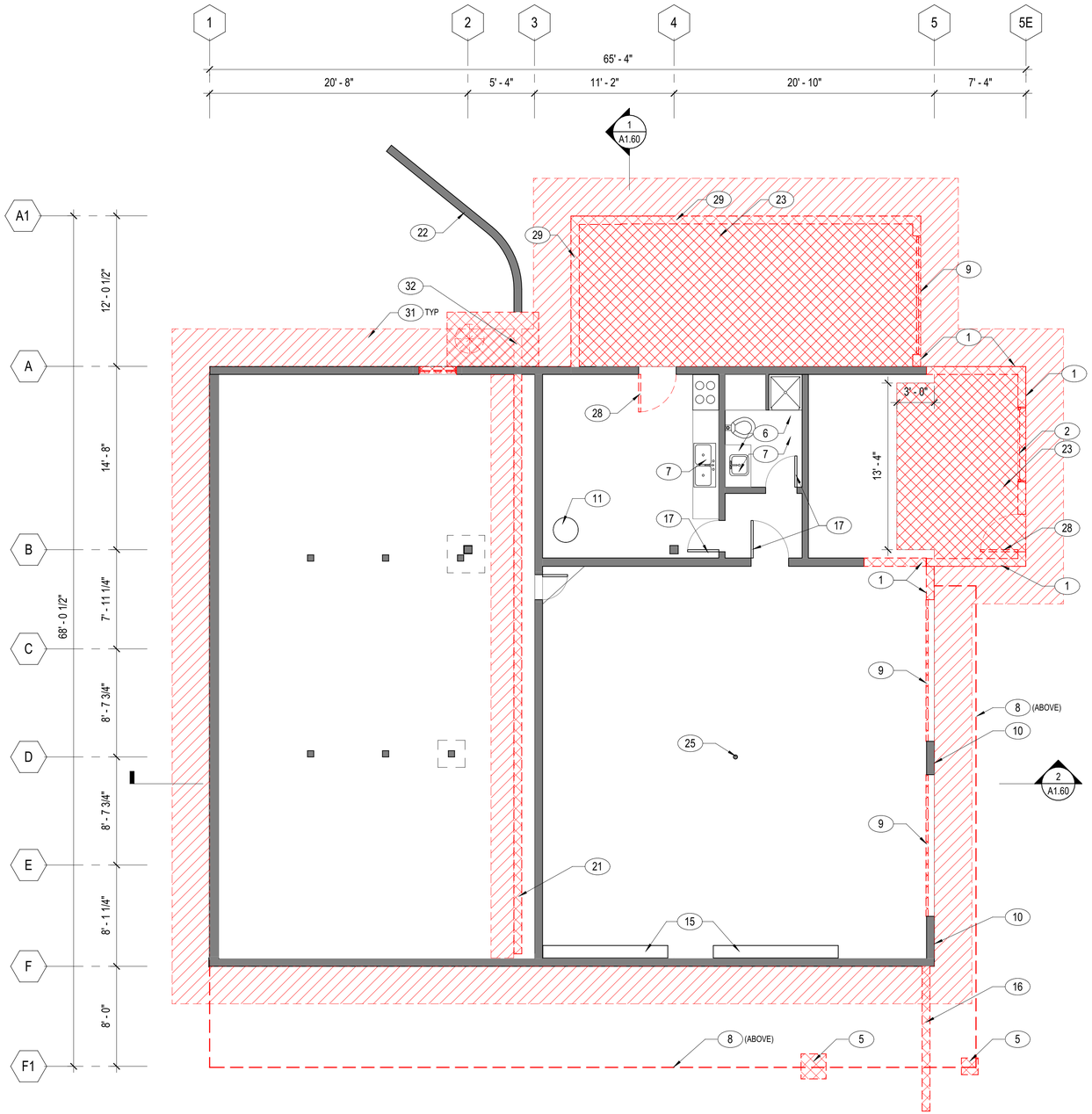

1 A1.20 DEMO PLAN - LOWER LEVEL
3/16" = 1'-0"

N

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GENERAL NOTES

1. SCD, SSD, SMD, SPD, SED FOR ADDITIONAL INFORMATION
2. DEMO ALL (E) INTERIOR WALL PARTITIONS, UON
3. DEMO ALL (E) INTERIOR FLOOR, WALL, & CEILING FINISHES, UON
4. DEMO ALL (E) CASEWORK, UON
5. DEMO ALL (E) DOORS & FRAMES, UON
6. DEMO ALL (E) LIGHT FIXTURES, FLOOR BOXES, WIRING & ELECTRICAL EQUIPMENT, EXCEPT MAIN SWITCHBOARD TO REMAIN, SED, UON
7. DEMO ALL (E) DIFFUSERS, DUCTWORK, & MECHANICAL EQUIPMENT, SMD
8. DEMO ALL (E) SUBGRADE WORK INCLUDING WATERPROOFING, FRENCH DRAIN, MASTIC & ETC.
9. (E) CMU SURFACE TO CLEANED OF ALL (E) WATERPROOFING AND PREPPED FOR NEW WATERPROOFING. COUNTY TO PROVIDE HAZMAT REPORT FOR REMOVAL OF (E) COATINGS

KEY NOTES

1. DEMO (E) WALL
2. DEMO (E) WINDOW
3. DEMO (E) CONCRETE STAIR, HANDRAILS, & LANDINGS, SSD
4. DEMO (E) CONCRETE RAMP, HANDRAILS, & LANDINGS, SSD
5. DEMO (E) COLUMN / POST, SSD
6. (E) PLUMBING FIXTURES, FINISHES, & ACCESSORIES TO REMAIN, SPD
7. (E) CASEWORK & FIXTURES TO REMAIN, SPD, SED
8. DEMO (E) DECK & RAILING
9. DEMO (E) ROLL-UP DOOR, DEMO (E) CMU LINTEL W.O., SSD
10. DEMO (E) SIDING & WEATHER BARRIER
11. (E) SUMP PUMP TO REMAIN, SPD
12. DEMO (E) ACCESS PANEL
13. DEMO (E) BOOK DROP
14. DEMO (E) SIGNAGE
15. (E) SHELVING TO REMAIN
16. DEMO (E) RETAINING WALL, SSD
17. (E) DOOR TO REMAIN
18. DEMO (E) CIRCULATION DESK
19. DEMO (E) STACKS
20. DEMO (E) DRINKING FOUNTAIN
21. DEMO (E) ROCK RETAINING WALL, SALVAGE STONES FOR RE-USE, SCD.CONTRACTOR TO PROTECT AND SHORE EXISTING FOUNDATIONS AND FOOTINGS.
22. SEGMENT OF (E) ROCK WALL TO REMAIN, PROTECT IN PLACE, SCD
23. DEMO (E) SLAB
24. (E) MAIN SWITCHBOARD TO REMAIN, SED
25. (E) COLUMN TO REMAIN, SSD
26. DEMO (E) PLUMBING FIXTURES, FINISHES, & ACCESSORIES
27. DEMO (E) SHELVING
28. DEMO (E) DOOR
29. DEMO (E) WALL. CONTRACTOR TO SHORE FOR NEW RETAINING CURB. SCD
30. DEMO (E) FIBER BOX, COORNIDATE (N) FIBER BOX WITH VENDORS, SED, SCD
31. EXCAVATION FOR FRENCH DRAIN AND WATERPROOFING, SCD
32. PRESERVE (E) STONE WALL BELOW THE (E) MECH UNIT SLAB

LEGEND

- (E) WALL TO BE DEMOLSHED
- (E) WALL TO REMAIN
- AREA OF DEMOLITION
- EXCAVATION FOR FRENCH DRAIN AND WATERPROOFING, SCD

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
DEMO - FLOOR PLAN - LOWER LEVEL

REVISIONS

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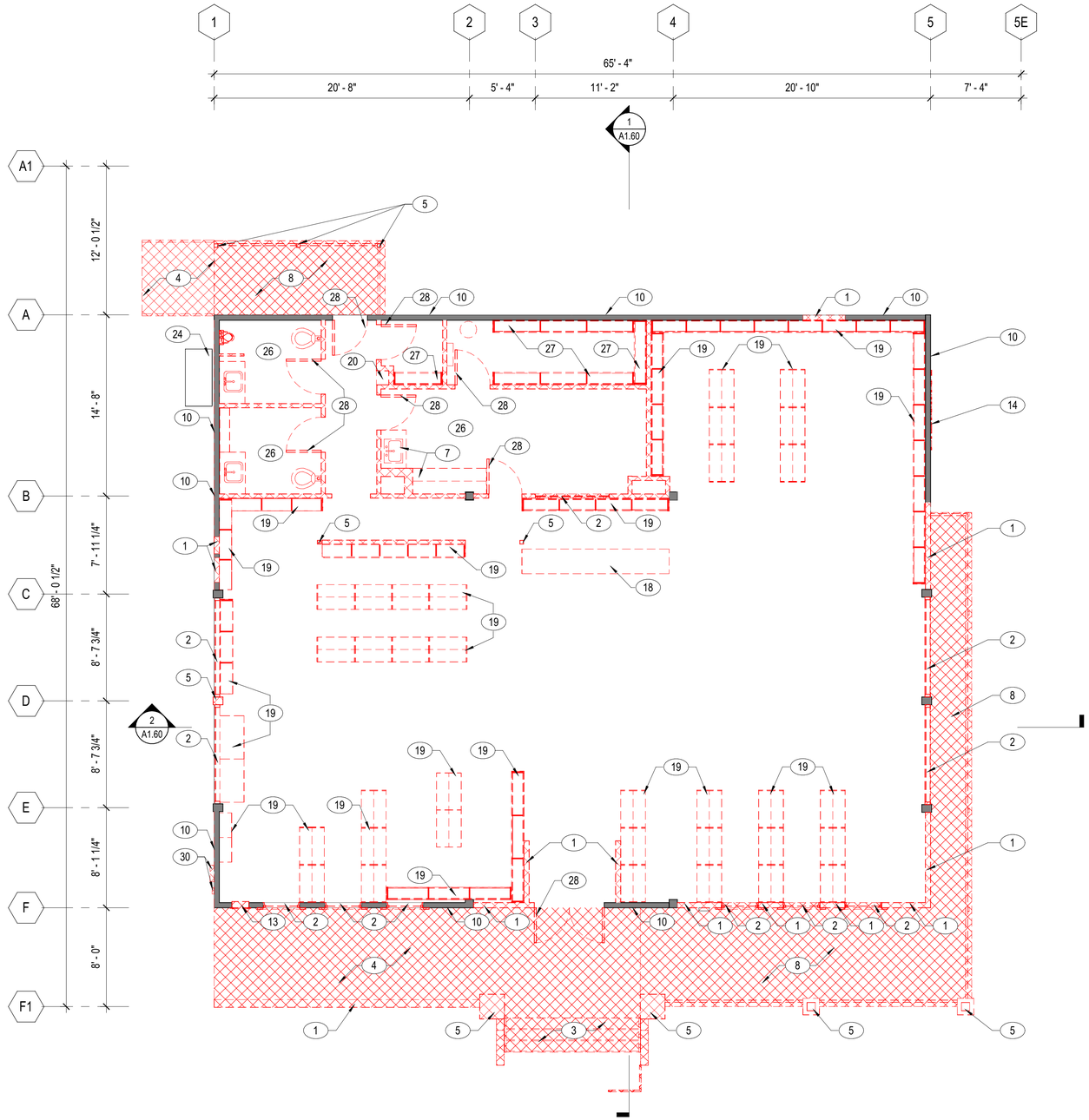

1 A1.21 DEMO PLAN - UPPER LEVEL
3/16" = 1'-0"

N

GENERAL NOTES

1. SCD, SSD, SMD, SPD, SED FOR ADDITIONAL INFORMATION
2. DEMO ALL (E) INTERIOR WALL PARTITIONS, UON
3. DEMO ALL (E) INTERIOR FLOOR, WALL, & CEILING FINISHES, UON
4. DEMO ALL (E) CASEWORK, UON
5. DEMO ALL (E) DOORS & FRAMES, UON
6. DEMO ALL (E) LIGHT FIXTURES, FLOOR BOXES, WIRING & ELECTRICAL EQUIPMENT, EXCEPT MAIN SWITCHBOARD TO REMAIN, SED, UON
7. DEMO ALL (E) DIFFUSERS, DUCTWORK, & MECHANICAL EQUIPMENT, SMD
8. DEMO ALL (E) SUBGRADE WORK INCLUDING WATERPROOFING, FRENCH DRAIN, MASTIC & ETC.
9. (E) CMU SURFACE TO CLEANED OF ALL (E) WATERPROOFING AND PREPPED FOR NEW WATERPROOFING. COUNTY TO PROVIDE HAZMAT REPORT FOR REMOVAL OF (E) COATINGS

KEY NOTES

1. DEMO (E) WALL
2. DEMO (E) WINDOW
3. DEMO (E) CONCRETE STAIR, HANDRAILS, & LANDINGS, SSD
4. DEMO (E) CONCRETE RAMP, HANDRAILS, & LANDINGS, SSD
5. DEMO (E) COLUMN / POST, SSD
6. (E) PLUMBING FIXTURES, FINISHES, & ACCESSORIES TO REMAIN, SPD
7. (E) CASEWORK & FIXTURES TO REMAIN, SPD, SED
8. DEMO (E) DECK & RAILING
9. DEMO (E) ROLL-UP DOOR, DEMO (E) CMU LINTEL W.O., SSD
10. DEMO (E) SIDING & WEATHER BARRIER
11. (E) SUMP PUMP TO REMAIN, SPD
12. DEMO (E) ACCESS PANEL
13. DEMO (E) BOOK DROP
14. DEMO (E) SIGNAGE
15. (E) SHELVING TO REMAIN
16. DEMO (E) RETAINING WALL, SSD
17. (E) DOOR TO REMAIN
18. DEMO (E) CIRCULATION DESK
19. DEMO (E) STACKS
20. DEMO (E) DRINKING FOUNTAIN
21. DEMO (E) ROCK RETAINING WALL, SALVAGE STONES FOR RE-USE, SCD.CONTRACTOR TO PROTECT AND SHORE EXISTING FOUNDATIONS AND FOOTINGS.
22. SEGMENT OF (E) ROCK WALL TO REMAIN, PROTECT IN PLACE, SCD
23. DEMO (E) SLAB
24. (E) MAIN SWITCHBOARD TO REMAIN, SED
25. (E) COLUMN TO REMAIN, SSD
26. DEMO (E) PLUMBING FIXTURES, FINISHES, & ACCESSORIES
27. DEMO (E) SHELVING
28. DEMO (E) DOOR
29. DEMO (E) WALL. CONTRACTOR TO SHORE FOR NEW RETAINING CURB. SCD
30. DEMO (E) FIBER BOX, COORNIDATE (N) FIBER BOX WITH VENDORS, SED, SCD
31. EXCAVATION FOR FRENCH DRAIN AND WATERPROOFING, SCD
32. PRESERVE (E) STONE WALL BELOW THE (E) MECH UNIT SLAB

LEGEND

- (E) WALL TO BE DEMOLSHED
- (E) WALL TO REMAIN
- AREA OF DEMOLITION
- EXCAVATION FOR FRENCH DRAIN AND WATERPROOFING, SCD

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MADERA COUNTY

PROJECT

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
DEMO - FLOOR PLAN - UPPER LEVEL

REVISIONS

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Plans Approved under the California Building Code
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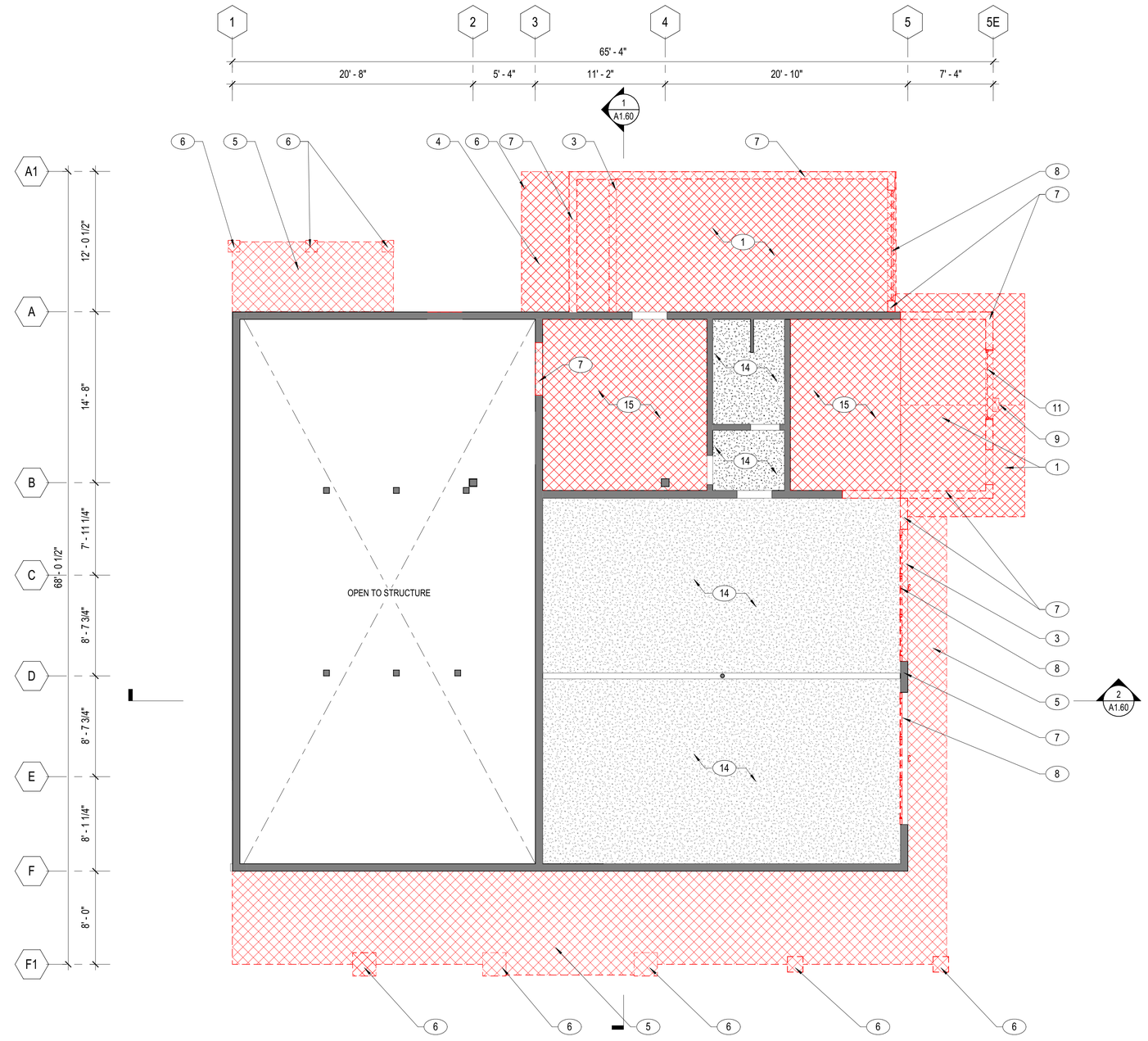

1 A1.30 01 - DEMO RCP - LOWER LEVEL
3/16" = 1'-0"

GENERAL NOTES

1. SSD, SMD, SPD, SED FOR ADDITIONAL DEMO INFORMATION
2. DEMO ALL (E) CEILINGS, UON
3. DEMO ALL (E) LIGHT FIXTURES, UON, SED
4. DEMO ALL (E) DIFFUSERS, DUCTWORK, & MECHANICAL EQUIPMENT, SMD
5. REMOVE ALL SURFACE-MOUNTED DEVICES & CONDUIT, UON, SSD, SMD, SED FOR ADDITIONAL INFORMATION

KEY NOTES

1. DEMO (E) ROOF & FRAMING, SSD
2. DEMO (E) BEAM SEGMENT, SSD
3. DEMO (E) CMU HEADER, SSD
4. DEMO (E) AWNING, SSD
5. DEMO (E) DECK & RAILING, SSD
6. DEMO (E) COLUMN / POST, SSD
7. DEMO (E) WALL, SSD
8. DEMO (E) ROLL-UP DOOR
9. DEMO (E) LIGHT FIXTURE, SED, TYP
10. DEMO (E) SOFFIT, TYP
11. DEMO (E) WINDOW
12. DEMO (E) PORTION OF GLUELAM BEAM, SSD
13. DEMO (E) ROOF EAVE
14. (E) GWB CLG TO REMAIN
15. DEMO (E) ACT CEILING, GWB CEILING ABOVE ACT TO REMAIN, VIF
16. DEMO (E) GLULAM BEAM, SSD
18. DEMO (E) GWB CLG
19. DEMO (E) WD HANGERS & OUTRIGGER BEAMS, TYP
20. (E) BEAM TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD, TYP

LEGEND

- DEMOLSHED
- (E) WALL TO REMAIN
- AREA OF DEMOLITION, SSD
- SANDBLASTED AND REFINISHED (E) T&G DECKING (DIRECTION OF BOARDS VARIES)

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
DEMO - REFLECTED CEILING PLAN - LOWER LEVEL

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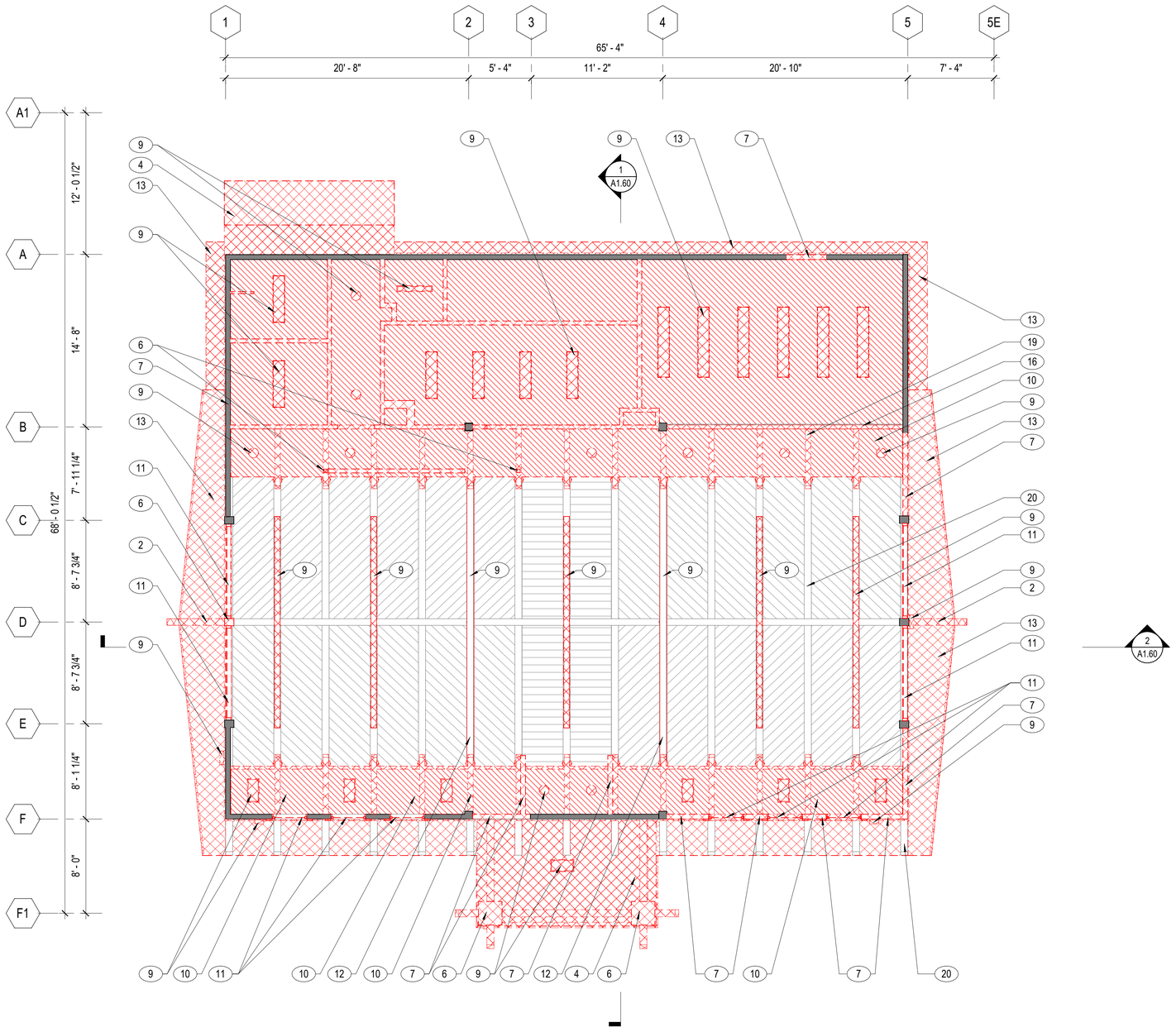

1 A1.31 02 - DEMO RCP - UPPER LEVEL
3/16" = 1'-0"

GENERAL NOTES

1. SSD, SMD, SPD, SED FOR ADDITIONAL DEMO INFORMATION
2. DEMO ALL (E) CEILINGS, UON
3. DEMO ALL (E) LIGHT FIXTURES, UON, SED
4. DEMO ALL (E) DIFFUSERS, DUCTWORK, & MECHANICAL EQUIPMENT, SMD
5. REMOVE ALL SURFACE-MOUNTED DEVICES & CONDUIT, UON, SSD, SMD, SED FOR ADDITIONAL INFORMATION

KEY NOTES

1. DEMO (E) ROOF & FRAMING, SSD
2. DEMO (E) BEAM SEGMENT, SSD
3. DEMO (E) CMU HEADER, SSD
4. DEMO (E) AWNING, SSD
5. DEMO (E) DECK & RAILING, SSD
6. DEMO (E) COLUMN / POST, SSD
7. DEMO (E) WALL, SSD
8. DEMO (E) ROLL-UP DOOR
9. DEMO (E) LIGHT FIXTURE, SED, TYP
10. DEMO (E) SOFFIT, TYP
11. DEMO (E) WINDOW
12. DEMO (E) PORTION OF GLUELAM BEAM, SSD
13. DEMO (E) ROOF EAVE
14. (E) GWB CLG TO REMAIN
15. DEMO (E) ACT CEILING, GWB CEILING ABOVE ACT TO REMAIN, VIF
16. DEMO (E) GLULAM BEAM, SSD
18. DEMO (E) GWB CLG
19. DEMO (E) WD HANGERS & OUTRIGGER BEAMS, TYP
20. (E) BEAM TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD, TYP

LEGEND

- DEMOLSHED
- (E) WALL TO REMAIN
- AREA OF DEMOLITION, SSD
- SANDBLASTED AND REFINISHED (E) T&G DECKING (DIRECTION OF BOARDS VARIES)

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
DEMO - REFLECTED CEILING PLAN - UPPER LEVEL

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Plans Approved under the California Residential Building Code
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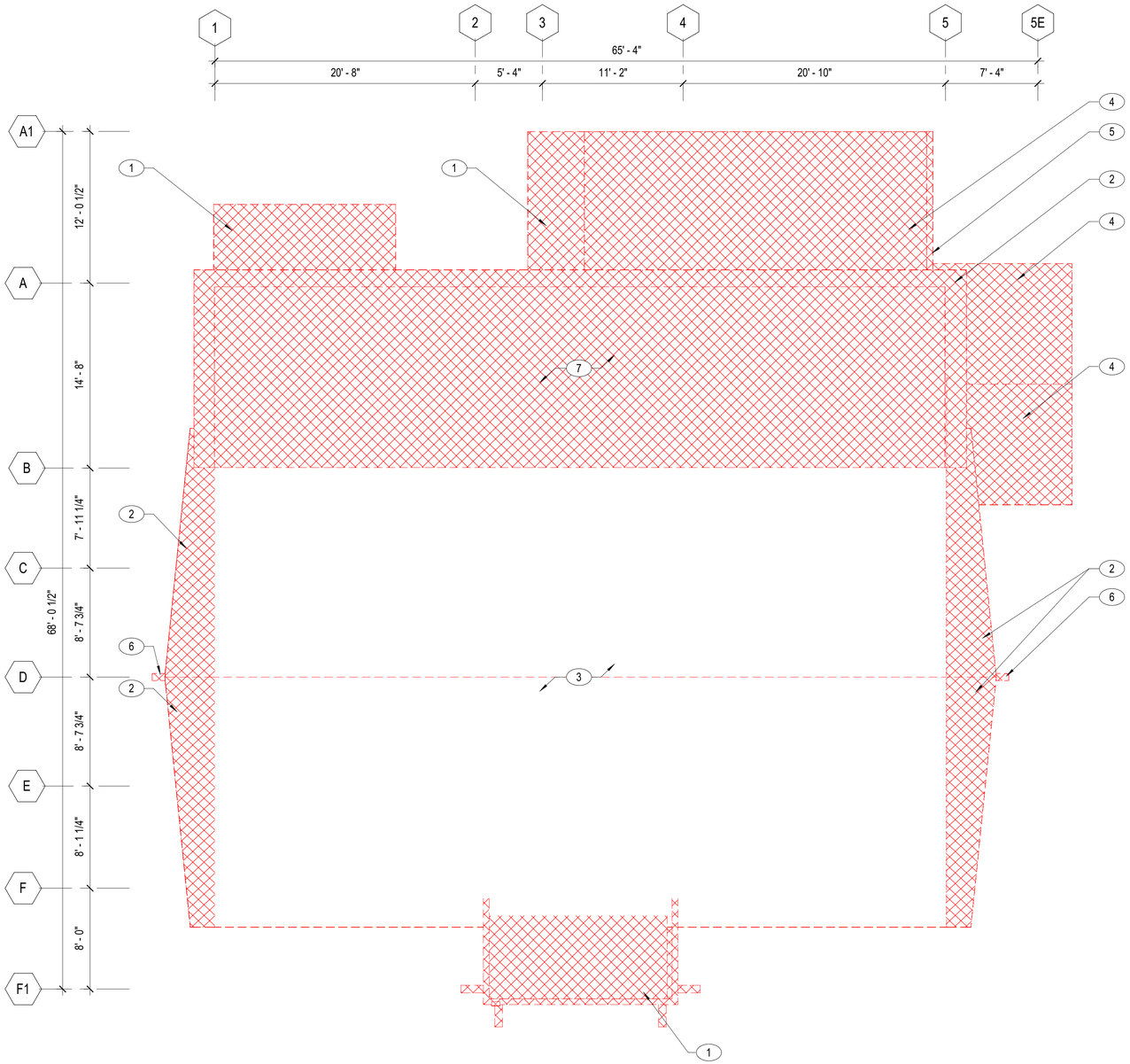

1 / A1.40 DEMO ROOF PLAN
3/16" = 1'-0"

GENERAL NOTES

1. SSD, SMD, SPD, SED FOR ADDITIONAL DEMO INFORMATION
2. DEMO ALL (E) ROOFING, INSULATION, & UNDERLAYMENT
3. DEMO ALL (E) GUTTERS & ROOF DRAINS, SPD

KEY NOTES

1. DEMO (E) CANOPY ASSEMBLY
2. DEMO (E) ROOF OVERHANGS, SSD
3. DEMO (E) ASPHALT SHINGLE ROOF DOWN TO DECKING
4. DEMO (E) ROOF, SSD
5. DEMO (E) WALL, SSD
6. DEMO (E) BEAM SEGMENT, SSD
7. DEMO (E) TOP ROOF ASSEMBLY, SSD

LEGEND

DEMOLITION OF FINISH ON ELEMENT, TYPICAL

AREA OF STRUCTURAL DEMOLITION

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SHEET TITLE
DEMO - ROOF PLAN

REVISIONS

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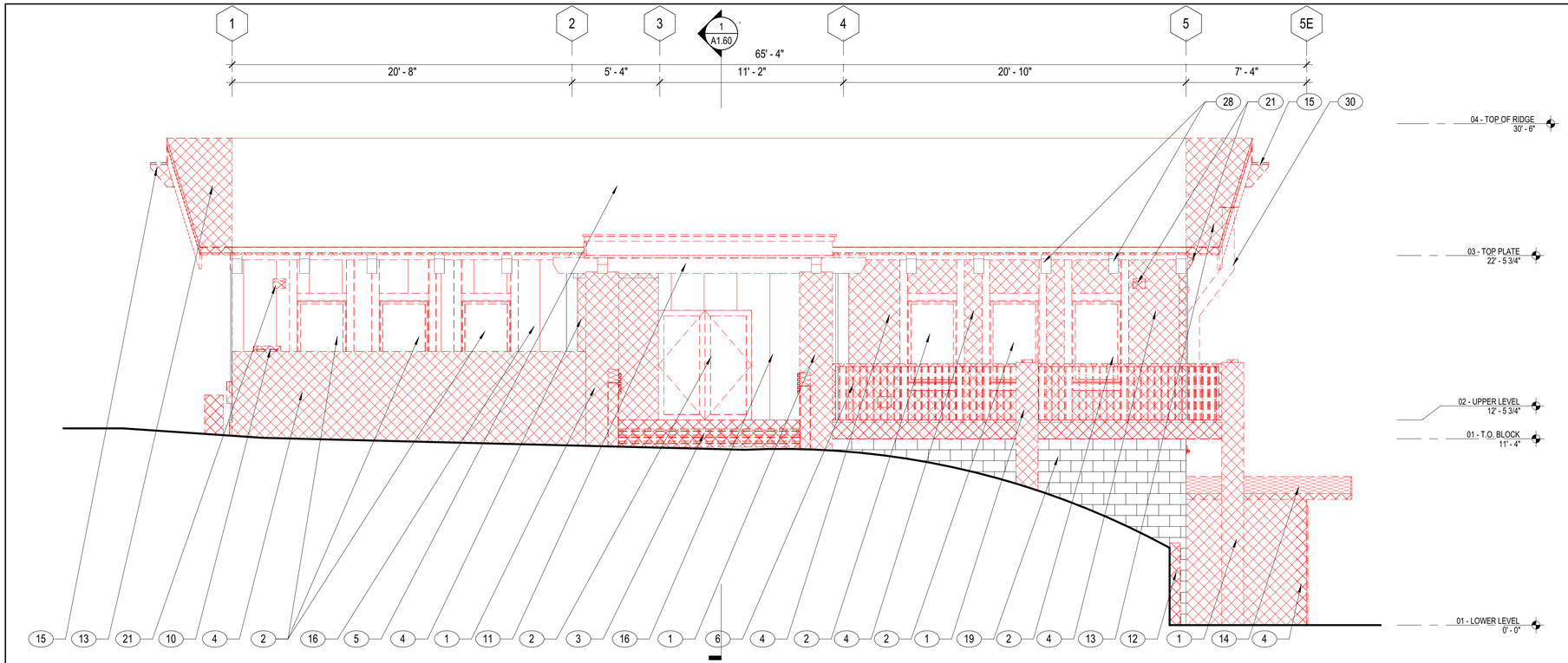
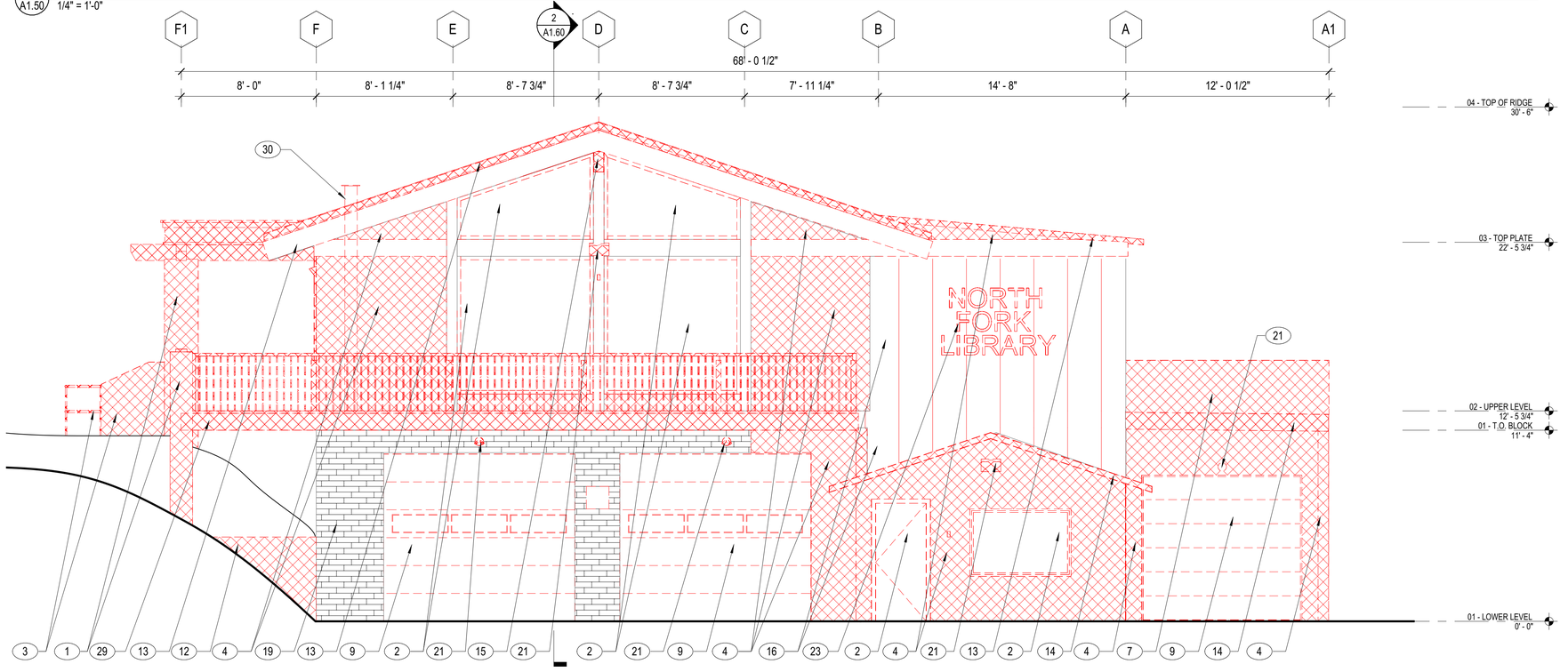


1 A1.50 DEMO ELEVATION - SOUTH
1/4" = 1'-0"



2 A1.50 DEMO ELEVATION - EAST
1/4" = 1'-0"

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GENERAL NOTES

1. DEMO ALL (E) EXTERIOR WALL FINISHES & WATER BARRIER, DOWN TO SHEATHING
2. DEMO ALL (E) EXTERIOR DOORS & STOREFRONTS
3. DEMO ALL (E) ROOFING
4. DEMO ALL (E) EXTERIOR LIGHT FIXTURES, SED
5. (E) CMU SURFACE TO CLEANED OF ALL (E) WATERPROOFING AND PREPPED FOR NEW WATERPROOFING. COUNTY TO PROVIDE HAZMAT REPORT FOR REMOVAL OF (E) COATINGS
6. DEMO ALL (E) DIFFUSERS, DUCTWORK, & MECHANICAL EQUIPMENT, SMD

KEY NOTES

1. DEMO (E) EXTERIOR COLUMN, POST, SSD
2. DEMO (E) WINDOWS / DOORS, TYP
3. DEMO (E) STAIR, LANDINGS & RAILING
4. DEMO (E) EXTERIOR WALL ASSEMBLY, SSD
5. DEMO (E) ROOFING TO SUBSTRUCTURE, FASCIA, GUTTERS & DOWNSPOUTS
6. DEMO (E) DECK & RAILING, SSD
7. DEMO (E) PARAPET
8. DEMO (E) RAMP, HANDRAILS, & LANDINGS
9. DEMO (E) ROLL-UP DOOR
10. DEMO (E) BOOK DROP
11. DEMO (E) CANOPY ASSEMBLY, SSD
12. RETAINING WALL TO REMAIN, SSD
13. DEMO (E) ROOF OVERHANGS, FASCIA & DECKING, SSD
14. DEMO (E) ROOF & FRAMING, SSD
15. PARTIAL DEMO (E) BEAM, SSD
16. REMOVE SIDING & WEATHER BARRIER
17. DEMO (E) MECH UNIT & LOUVER, SMD
18. DEMO (E) CONC SLAB, SSD
19. REMOVE PAINT AND SUBGRADE WATEPROOFING W/O FROM (E) CMU
20. (E) MAIN SWITCHBOARD TO REMAIN, SED
21. DEMO (E) LIGHT FIXTURE, SED
22. DEMO (E) FIBER BOX, COORNIDATE (N) FIBER BOX WITH VENDORS, SED, SCD
23. DEMO (E) SIGNAGE
24. DEMO (E) TOP ROOF ASSEMBLY, SSD
25. DEMO (E) ROCK RETAINING WALL, SALVAGE STONES FOR USE ON (N) SITE WALL, SCD
26. DEMO (E) CRAWL SPACE VENTS
27. DEMO (E) BACKFLOW, SCD
28. (E) BEAM TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD, TYP
29. DEMO (E) FASCIA
30. DEMO (E) EXHAUST VENT

LEGEND

DEMOLISHED FINISH ON ELEMENT, TYPICAL

DEMOLISHED, ASSEMBLY

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LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
DEMO - EXTERIOR ELEVATIONS

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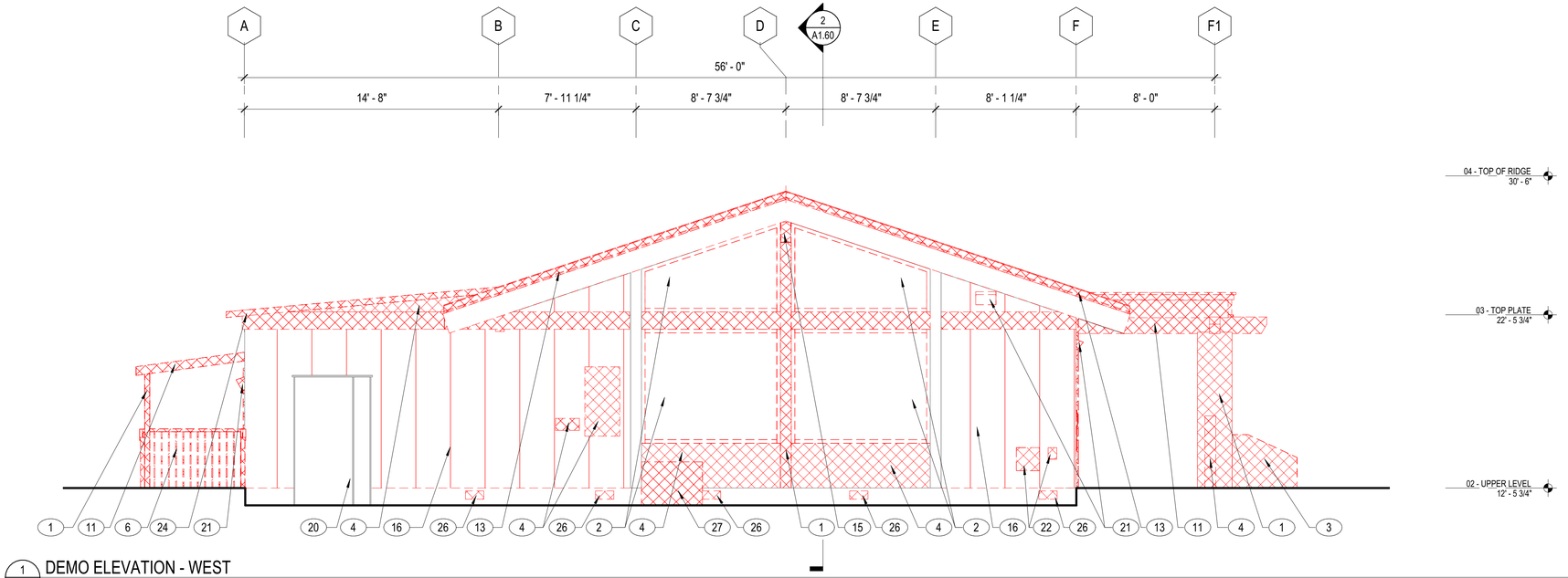
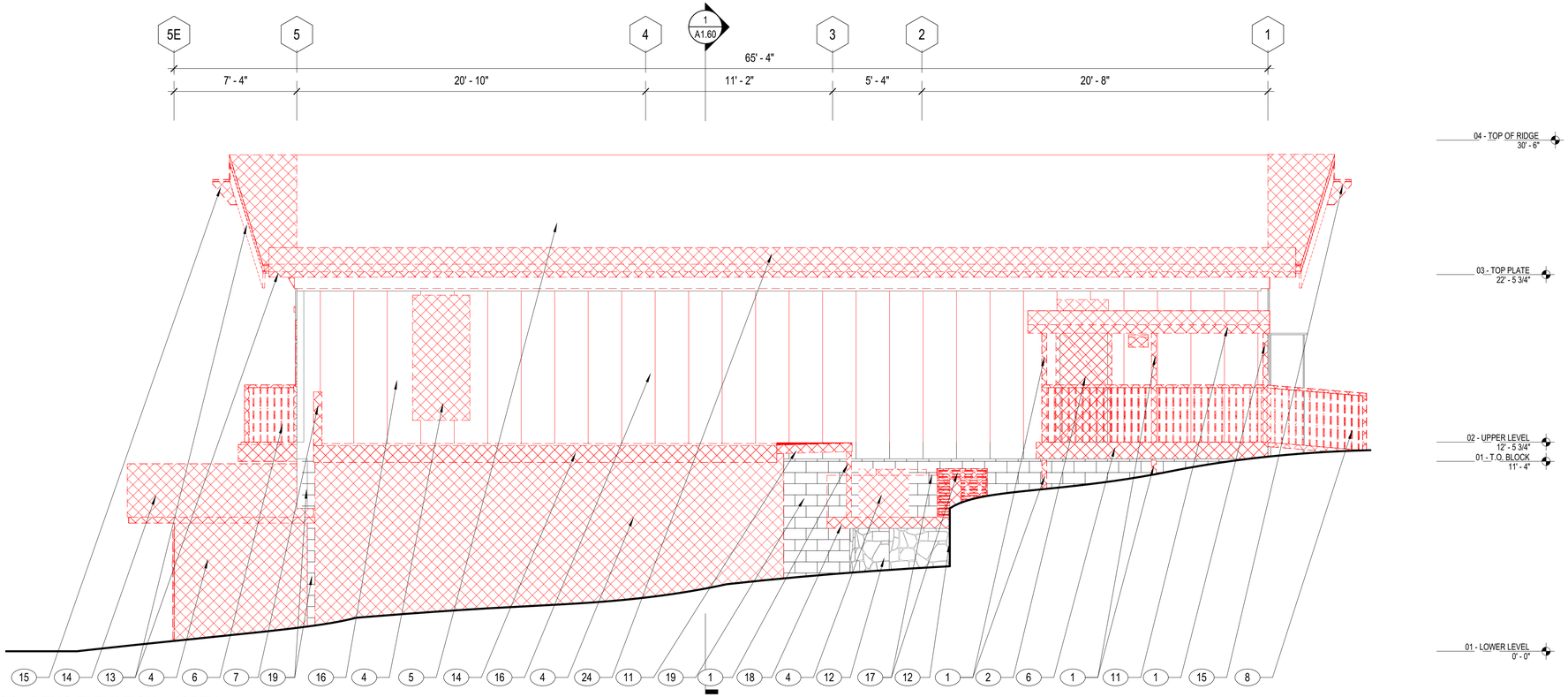


1 A1.51 DEMO ELEVATION - WEST
1/4" = 1'-0"



2 A1.51 DEMO ELEVATION - NORTH
1/4" = 1'-0"

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GENERAL NOTES

1. DEMO ALL (E) EXTERIOR WALL FINISHES & WATER BARRIER, DOWN TO SHEATHING
2. DEMO ALL (E) EXTERIOR DOORS & STOREFRONTS
3. DEMO ALL (E) ROOFING
4. DEMO ALL (E) EXTERIOR LIGHT FIXTURES, SED
5. (E) CMU SURFACE TO CLEANED OF ALL (E) WATERPROOFING AND PREPPED FOR NEW WATERPROOFING. COUNTY TO PROVIDE HAZMAT REPORT FOR REMOVAL OF (E) COATINGS
6. DEMO ALL (E) DIFFUSERS, DUCTWORK, & MECHANICAL EQUIPMENT, SMD

KEY NOTES

1. DEMO (E) EXTERIOR COLUMN, POST, SSD
2. DEMO (E) WINDOWS / DOORS, TYP
3. DEMO (E) STAIR, LANDINGS & RAILING
4. DEMO (E) EXTERIOR WALL ASSEMBLY, SSD
5. DEMO (E) ROOFING TO SUBSTRUCTURE, FASCIA, GUTTERS & DOWNSPOUTS
6. DEMO (E) DECK & RAILING, SSD
7. DEMO (E) PARAPET
8. DEMO (E) RAMP, HANDRAILS, & LANDINGS
9. DEMO (E) ROLL-UP DOOR
10. DEMO (E) BOOK DROP
11. DEMO (E) CANOPY ASSEMBLY, SSD
12. RETAINING WALL TO REMAIN, SSD
13. DEMO (E) ROOF OVERHANGS, FASCIA & DECKING, SSD
14. DEMO (E) ROOF & FRAMING, SSD
15. PARTIAL DEMO (E) BEAM, SSD
16. REMOVE SIDING & WEATHER BARRIER
17. DEMO (E) MECH UNIT & LOUVER, SMD
18. DEMO (E) CONC SLAB, SSD
19. REMOVE PAINT AND SUBGRADE WATEPROOFING W/O FROM (E) CMU
20. (E) MAIN SWITCHBOARD TO REMAIN, SED
21. DEMO (E) LIGHT FIXTURE, SED
22. DEMO (E) FIBER BOX, COORNIDATE (N) FIBER BOX WITH VENDORS, SED, SCD
23. DEMO (E) SIGNAGE
24. DEMO (E) TOP ROOF ASSEMBLY, SSD
25. DEMO (E) ROCK RETAINING WALL, SALVAGE STONES FOR USE ON (N) SITE WALL, SCD
26. DEMO (E) CRAWL SPACE VENTS
27. DEMO (E) BACKFLOW, SCD
28. (E) BEAM TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD, TYP
29. DEMO (E) FASCIA
30. DEMO (E) EXHAUST VENT

LEGEND

- DEMOLISHED FINISH ON ELEMENT, TYPICAL
- DEMOLISHED, ASSEMBLY

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MADERA COUNTY

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
DEMO - EXTERIOR ELEVATIONS

REVISIONS

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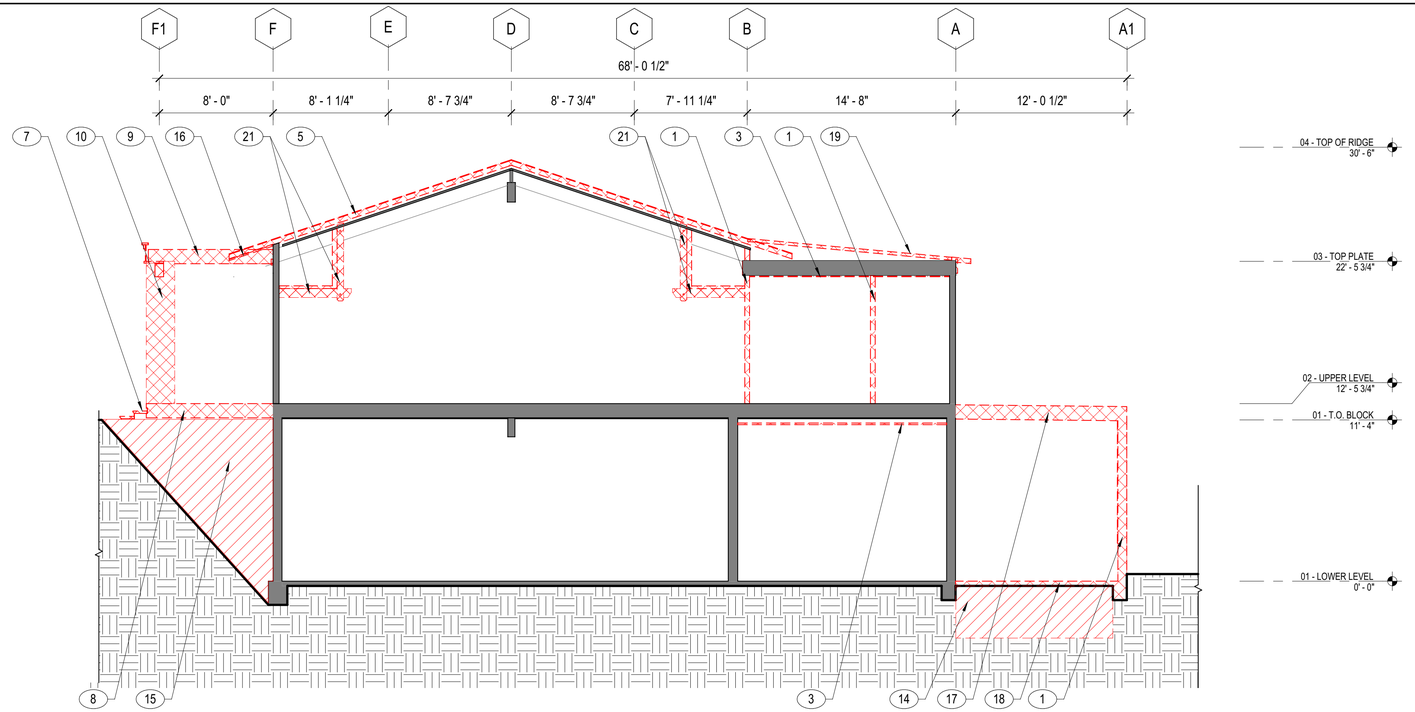
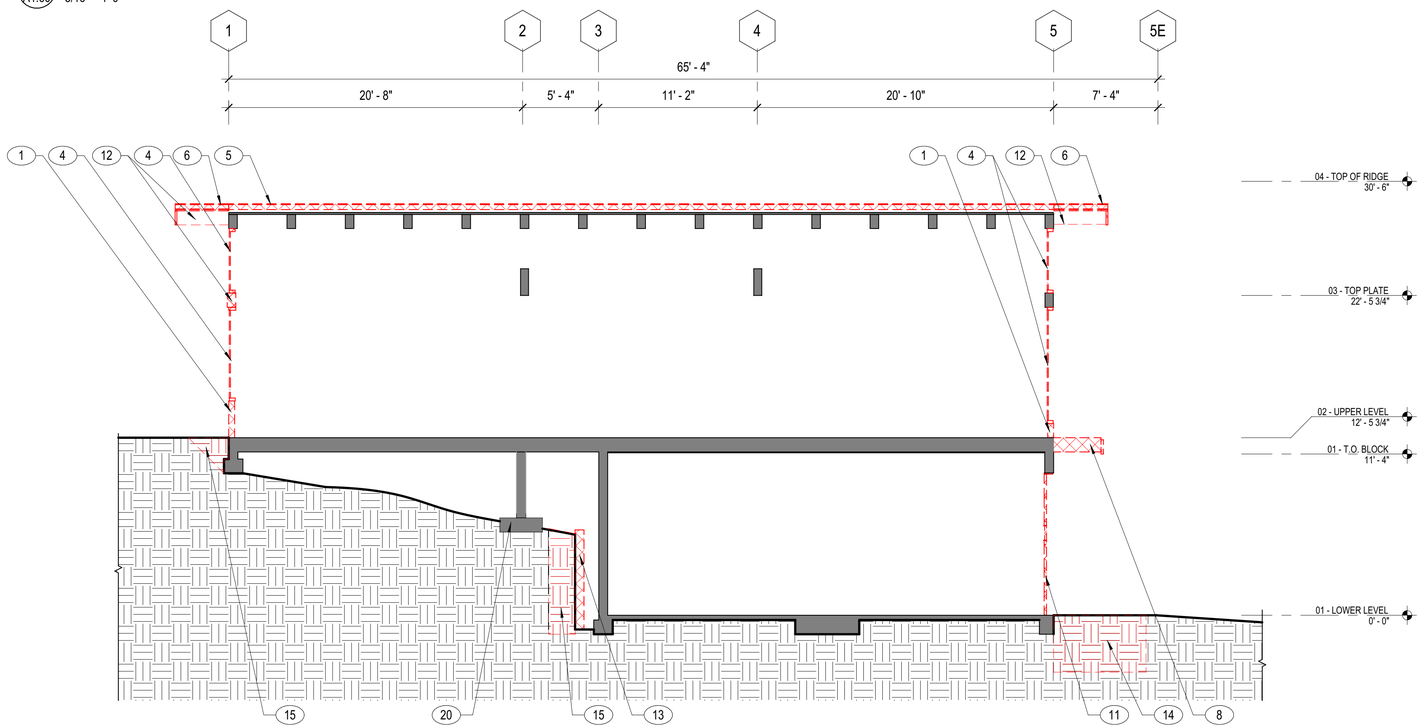


1 A1.60 DEMO BUILDING SECTION - NORTH-SOUTH
3/16" = 1'-0"



2 A1.60 DEMO BUILDING SECTION - EAST-WEST
3/16" = 1'-0"

GENERAL NOTES

1. SCD, SLD, SSD, SMD, SPD, SED FOR ADDITIONAL DEMO INFORMATION
2. DEMO ALL (E) CEILINGS, UON
3. DEMO (E) INTERIOR SOFFITS, UON
4. DEMO ALL (E) INTERIOR FINISHES, UON
5. DEMO ALL (E) LIGHT FIXTURES, UON, SED
6. DEMO ALL (E) DIFFUSERS, DUCTS, & MECHANICAL EQUIPMENT, UON, SMD
7. DEMO ALL (E) PLUMBING FIXTURES, UON, SPD
8. AT EXPOSED WOOD STRUCTURE & CEILINGS, REMOVE SURFACE-MOUNTED DEVICES & CONDUIT, SED
9. DEMO ALL (E) SUBGRADE WORK INCLUDING WATERPROOFING, FRENCH DRAIN, MASTIC & ETC.
10. CONTRACTOR TO PROTECT AND SHORE ALL (E) FOUNDATIONS AND FOOTINGS DURING DEMOLITION EXCAVATION AND CONSTRUCTION.

KEY NOTES

1. DEMO (E) WALL, SSD
2. DEMO (E) SOFFIT, HANGERS & OUTRIGGER BEAMS, SSD
3. DEMO (E) CEILING
4. DEMO (E) WINDOW / STOREFRONT
5. DEMO (E) ROOFING TO SUBSTRUCTURE, FASCIA, GUTTERS, & DOWNSPOUTS
6. DEMO (E) ROOF EAVE, SSD
7. DEMO (E) STAIR, HANDRAILS, & LANDINGS
8. DEMO (E) DECK & RAILING, SSD
9. DEMO (E) CANOPY ASSEMBLY, VIF STRUCTURAL ASSEMBLY, SEE AS-BUILT DRAWINGS
10. DEMO (E) COLUMN, SSD
11. DEMO (E) ROLL-UP DOOR
12. DEMO (E) BEAM, SSD
13. DEMO (E) ROCK RETAINING WALL, SALVAGE STONES FOR USE ON (N) SITE WALL, SCD
14. EXCAVATE AS REQUIRED FOR (N) INFILTRATION BASIN, SCD
15. EXCAVATE AND SHORE AS REQUIRED FOR (N) FRENCH DRAIN & WATERPROOFING, SCD
16. DEMO (E) T&G DECKING
17. DEMO (E) ROOF, FRAMING, DOWNSPOUTS & GUTTERS SSD
18. DEMO (E) SLAB & FOUNDATION, SSD
19. DEMO (E) TOP ROOF , SSD
20. SHORE AND PROTECT IN PLACE (E) POST AND FOOTING AS REQUIRED TYP,SSD.
21. DEMO (E) WD HANGERS & OUTRIGGER BEAMS

LEGEND

- DEMOLISHED
- DEMOLISHED ASSEMBLY
- AREA OF EXCAVATION
- (E) TO REMAIN

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32908 ROAD 222
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LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

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SHEET TITLE
DEMO - BUILDING SECTIONS

REVISIONS

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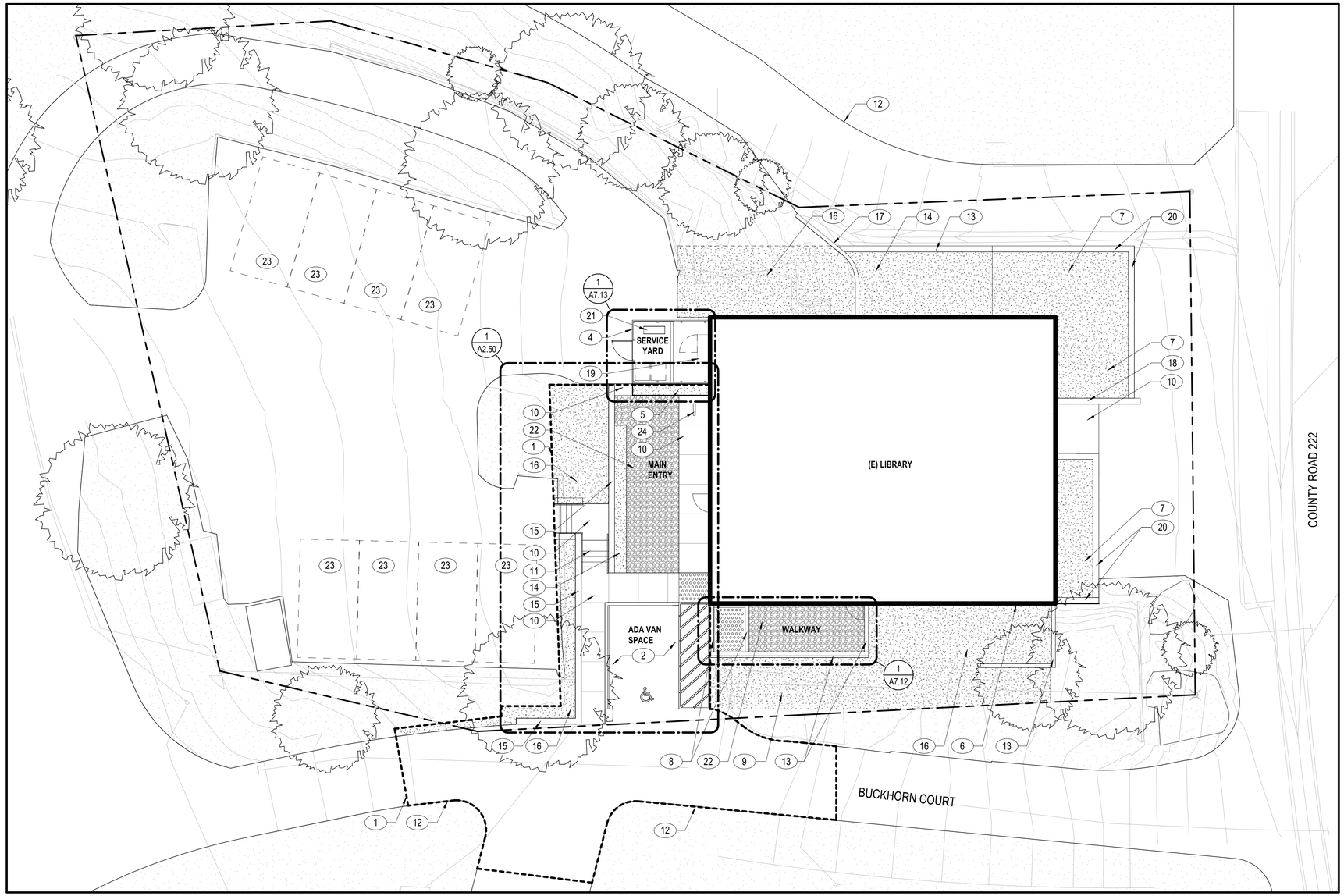

1 A2.10 SITE PLAN
1" = 10'-0"

N

GENERAL NOTES

1. SCD, SLD, SSD, SED FOR ADDITIONAL SITE IMPROVEMENTS

KEY NOTES

1. UNIT COST #1 BOUNDARY FOR ADA PARKING
2. ACCESSIBLE VAN PARKING STALL, SCD
4. CORRUGATED CORTEN MECHANICAL ENCLOSURE & GATE ON PAINTED GALVANIZED STEEL POSTS, SCD, SSD
5. CORTEN PLANTER
6. (N) FRENCH DRAIN ALONG EXISTING FOOTING, SCD
7. (N) INFILTRATION BASIN W/ (N) NATIVE LANDSCAPE, CONNECT TO FRENCH DRAINS, SCD
8. CONCRETE CURB, SCD
9. (E) GARDEN, SALVAGE PLANTS AND BOULDER, POT & REPLANT
10. (N) CONCRETE PAVING, SCD
11. CONCRETE STAIR & PAINTED GALVANIZED STEEL RAILINGS, PT-3
12. APPROXIMATE EXTENT OF ACCESS ROAD, NOT SURVEYED
13. (N) CONCRETE RETAINING WALL, SCD, SSD
14. (N) NATIVE PLANTING
15. 30" TALL STONE WALL, OFCI STONE
16. HYDROSEED AND REPLACE (E) NATIVE PLANTING IN KIND, IN AREAS OF WORK
17. (E) STONE RETAINING WALL TO REMAIN, SCD
18. (N) CONCRETE WALL, SSD
19. (E) MAIN SWITCHBOARD TO REMAIN, SED
20. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE, SCD
21. HEAT PUMP, SMD
22. STABILIZED DECOMPOSED GRANITE, SCD
23. (E) PARKING SPACE
24. BIKE RACK

LEGEND

- PROPERTY LINE
- UNIT COST #1 ADA PARKING IMPROVEMENTS BOUNDARY
- STABILIZED DECOMPOSED GRANITE
- MEADOW PLANTING

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SHEET TITLE
SITE PLAN

REVISIONS

NO.	DATE	DESCRIPTION
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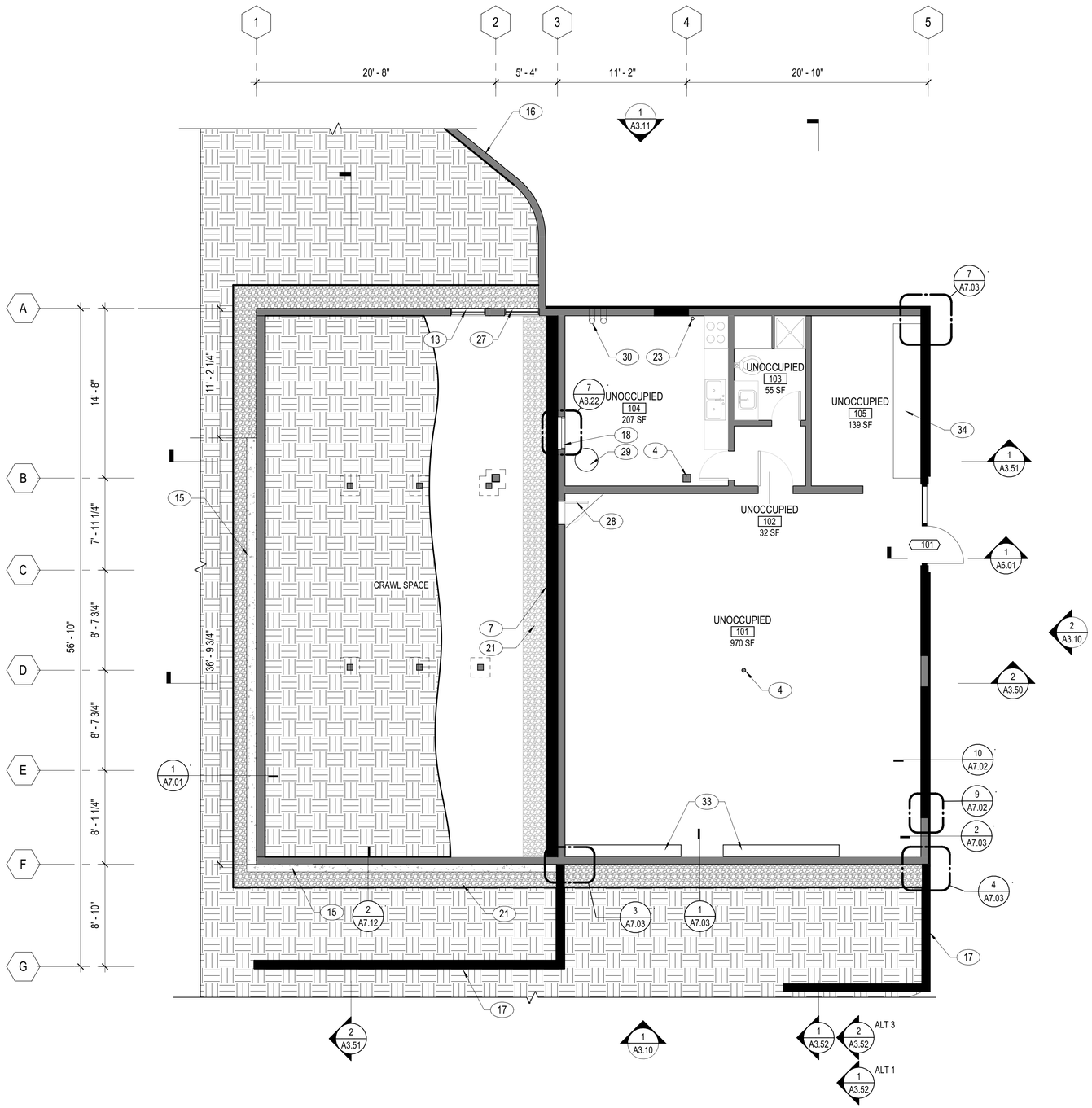

1 A2.20 01 - LOWER LEVEL
3/16" = 1'-0"

0' 3' 6' 11'

N

GENERAL NOTES

1. SCD, SLD, SSD, SED FOR ADDITIONAL INFORMATION
2. SEE ROOM FINISH SCHEDULE ON SHEET A9.30 FOR WALL, FLOOR, & CEILING FINISHES
3. (N) BATT INSULATION @ ALL (E) EXTERIOR WALLS

KEY NOTES

1. BID ALT 2 & 4: FRAMELESS GLASS PARTITION WALL & DOOR
2. (N) WD COLUMN, SSD
3. (E) COLUMN TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD, TYP
4. (E) COLUMN TO REMAIN, SSD
5. (E) MAIN SWITCHBOARD TO REMAIN, SED
6. ROOF OVERHANG ABOVE
7. (N) CONCRETE FOUNDATION WALL, SSD
8. DOUBLE-SIDED CANTILEVER METAL SHELVING, SEE CASEWORK PLANS & ELEVATIONS
9. CASEWORK SHELVING, SEE CASEWORK ELEVATIONS & DETAILS
10. UPPER CABINETS, SEE CASEWORKELEVATIONS & DETAILS
11. LOWER CABINETS, SEE CASEWORK ELEVATIONS & DETAILS
12. HIGH/LOW DRINKING FOUNTAIN, SPD
13. (N) OA LOUVER IN (E) OPENING, SMD
14. (N) BOOK DROP
15. 10" CONCRETE STEM WALL W/ WATERPROOFING (HEIGHT VARIES FOLLOWING SLOPE
16. (E) STONE RETAINING WALL, SCD
17. (N) CONCRETE RETAINING WALL, SSD
18. (N) OPENING FOR (N) DUCTS, SMD
19. MOP SINK, SPD
20. (N) ELECTRICAL BOX, SED
21. FRENCH DRAIN, SCD
22. (N) MECHANICAL UNIT, SMD
23. SPRINKLER RISER, SPD
24. RECESSED FIRE EXTINGUISHER CABINET
25. SERVICE YARD FENCE, SSD
26. CIRCULATION DESK, SEE CASEWORK PLANS & ELEVATIONS
27. (N) BASEMENT VENT 3'-0" X 3'-0"
28. (E) ACESS DOOR TO REMAIN
29. (E) SUMP PUMP TO REMAIN, SPD
30. (N) ROOF DRAIN AND OVERFLOW OUTLET, SPD
31. FRAMELESS GLASS WALL
32. (N) SINK, SPD
33. (E) SHELVING TO REMAIN
34. (N) CONC SLAB, SSD

LEGEND

(N) WALL

(E) WALL

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STATE OF CALIFORNIA

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SHEET TITLE
FLOOR PLAN - LOWER LEVEL

REVISIONS

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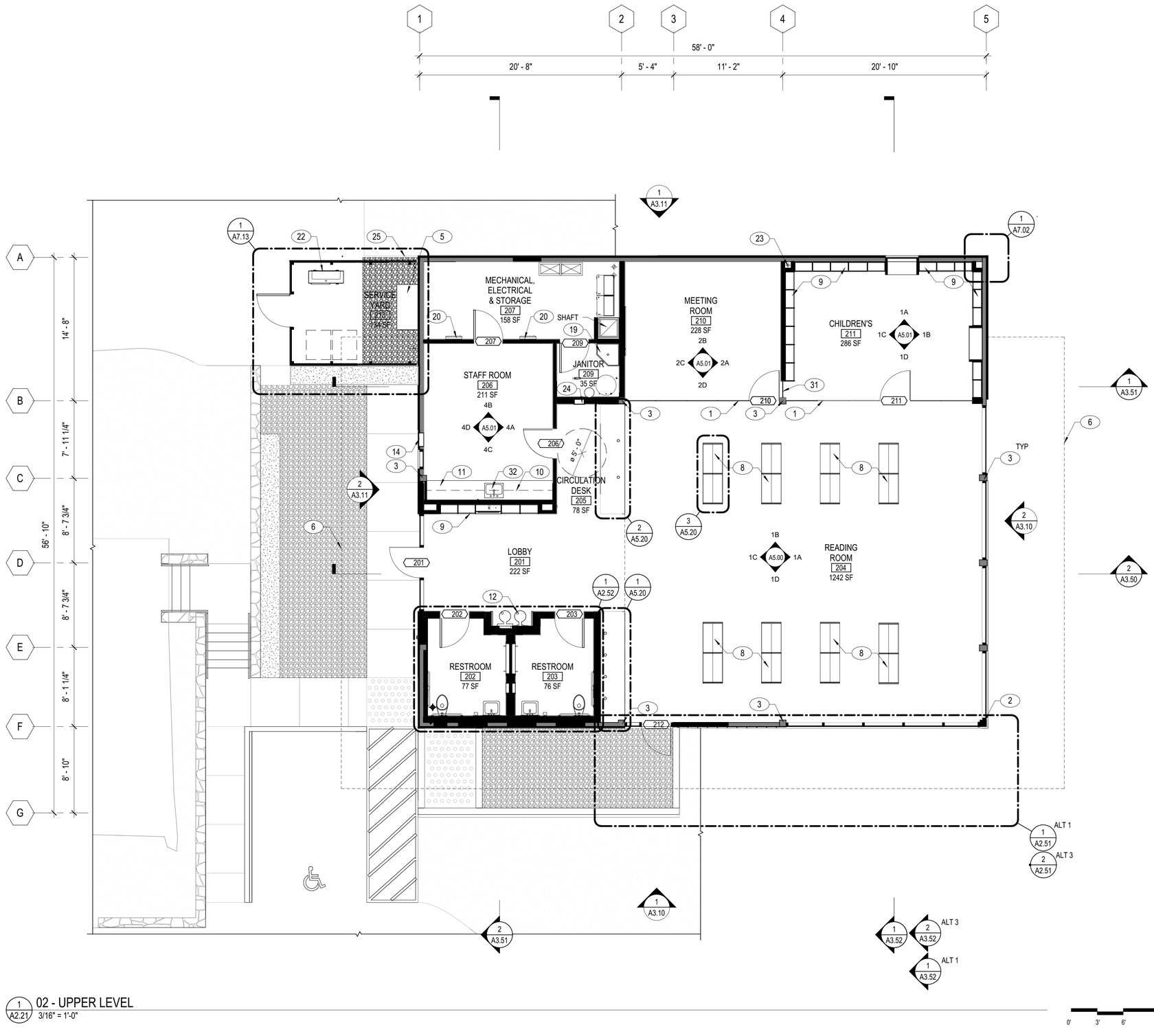

1 A2.21 02 - UPPER LEVEL
3/16" = 1'-0"

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GENERAL NOTES

1. SCD, SLD, SSD, SED FOR ADDITIONAL INFORMATION
2. SEE ROOM FINISH SCHEDULE ON SHEET A9.30 FOR WALL, FLOOR, & CEILING FINISHES
3. (N) BATT INSULATION @ ALL (E) EXTERIOR WALLS

KEY NOTES

1. BID ALT 2 & 4: FRAMELESS GLASS PARTITION WALL & DOOR
2. (N) WD COLUMN, SSD
3. (E) COLUMN TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD, TYP
4. (E) COLUMN TO REMAIN, SSD
5. (E) MAIN SWITCHBOARD TO REMAIN, SED
6. ROOF OVERHANG ABOVE
7. (N) CONCRETE FOUNDATION WALL, SSD
8. DOUBLE-SIDED CANTILEVER METAL SHELVING, SEE CASEWORK PLANS & ELEVATIONS
9. CASEWORK SHELVING, SEE CASEWORK ELEVATIONS & DETAILS
10. UPPER CABINETS, SEE CASEWORKELEVATIONS & DETAILS
11. LOWER CABINETS, SEE CASEWORK ELEVATIONS & DETAILS
12. HIGH/LOW DRINKING FOUNTAIN, SPD
13. (N) OA LOUVER IN (E) OPENING, SMD
14. (N) BOOK DROP
15. 10" CONCRETE STEM WALL W/ WATERPROOFING (HEIGHT VARIES FOLLOWING SLOPE
16. (E) STONE RETAINING WALL, SCD
17. (N) CONCRETE RETAINING WALL, SSD
18. (N) OPENING FOR (N) DUCTS, SMD
19. MOP SINK, SPD
20. (N) ELECTRICAL BOX, SED
21. FRENCH DRAIN, SCD
22. (N) MECHANICAL UNIT, SMD
23. SPRINKLER RISER, SPD
24. RECESSED FIRE EXTINGUISHER CABINET
25. SERVICE YARD FENCE, SSD
26. CIRCULATION DESK, SEE CASEWORK PLANS & ELEVATIONS
27. (N) BASEMENT VENT 3'-0" X 3'-0"
28. (E) ACESS DOOR TO REMAIN
29. (E) SUMP PUMP TO REMAIN, SPD
30. (N) ROOF DRAIN AND OVERFLOW OUTLET, SPD
31. FRAMELESS GLASS WALL
32. (N) SINK, SPD
33. (E) SHELVING TO REMAIN
34. (N) CONC SLAB, SSD

LEGEND

(N) WALL

(E) WALL

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
FLOOR PLAN - UPPER LEVEL

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
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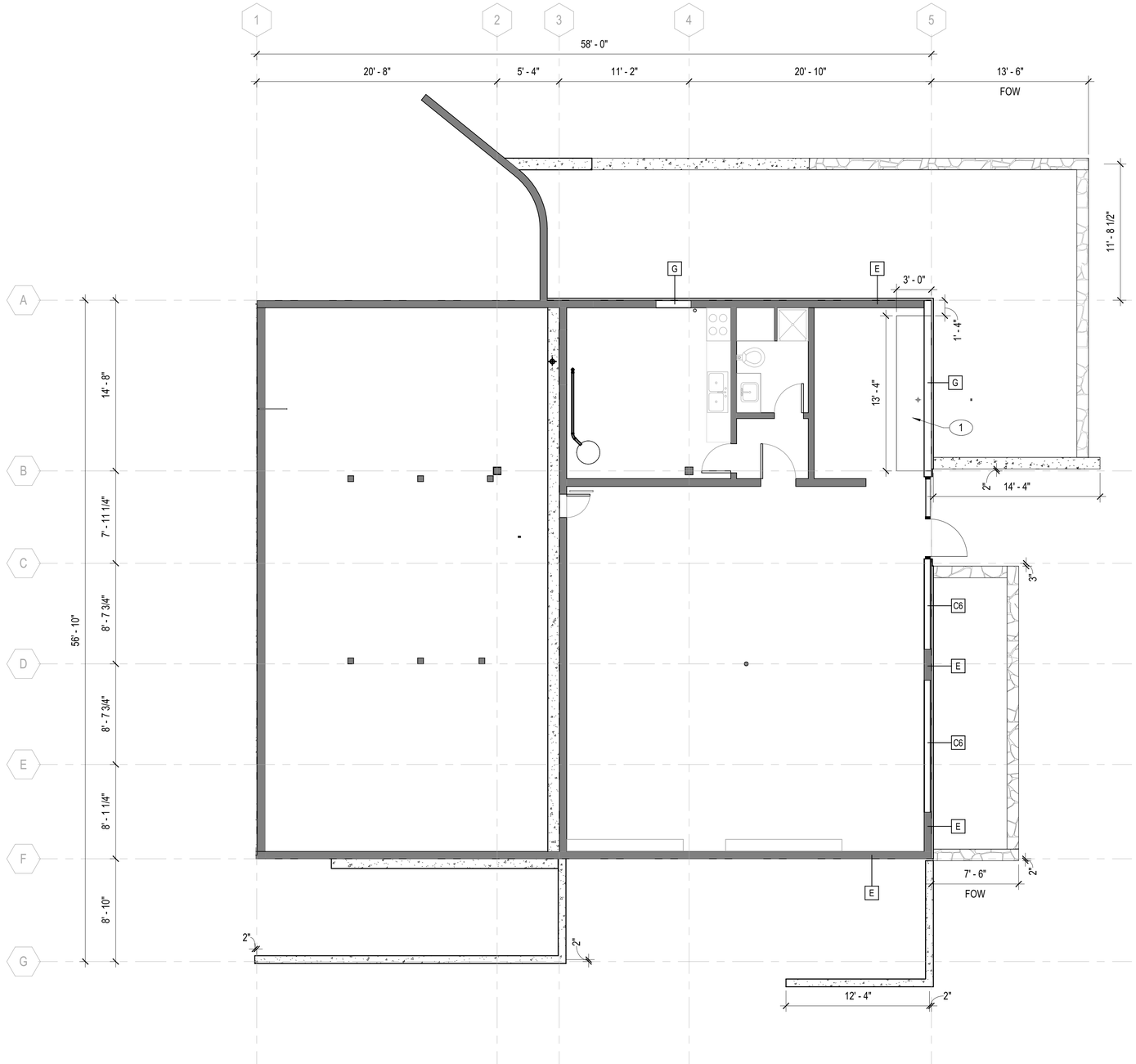

1 A2.23 01 - LOWER LEVEL
3/16" = 1'-0"

0' 3' 6' 11'

N

GENERAL NOTES

1. REFER TO SHEETS A7.00, A8.00 & A8.01 FOR TYPICAL PARTITION TYPES / ASSEMBLIES
2. ALL DIMENSIONS ARE TO CENTERLINE OF STUD / STRUCTURE UON
3. ALL DIMENSIONS MARKED AS CLEAR ARE TO FACE OF FINISH (FOF)
4. ALL DOOR OPENINGS ARE 0' - 6" FROM HINGE SIDE OF OPENING UON
5. FOR TYPICAL FRAMING DETAILS SEE SHEETS A8.01
6. FOR ACCESSIBILITY & COMPLIANCE STANDARD DETAILS, SEE SHEET G1.30

KEY NOTES

1 (N) CONC SLAB

LAYOUT PLAN LEGEND

WALL / PARTITION TYPE, SEE A8.00 & A8.01

(E) WALL

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LAYOUT PLAN - LOWER LEVEL

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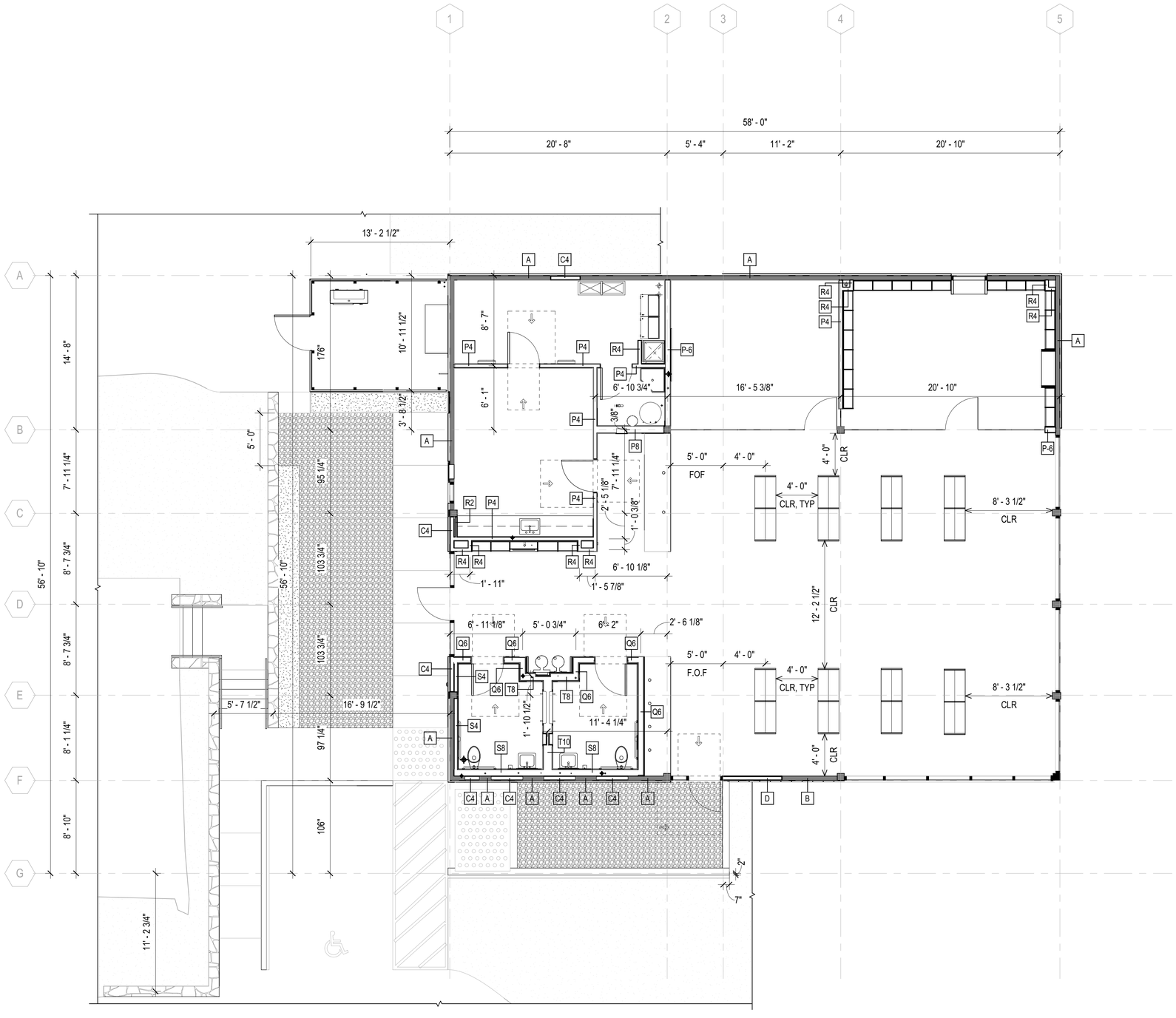

1 / A2.24 02 - UPPER LEVEL
3/16" = 1'-0"

0' 3' 6' 11'

N

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GENERAL NOTES

1. REFER TO SHEETS A7.00, A8.00 & A8.01 FOR TYPICAL PARTITION TYPES / ASSEMBLIES
2. ALL DIMENSIONS ARE TO CENTERLINE OF STUD / STRUCTURE UON
3. ALL DIMENSIONS MARKED AS CLEAR ARE TO FACE OF FINISH (FOF)
4. ALL DOOR OPENINGS ARE 0' - 6" FROM HINGE SIDE OF OPENING UON
5. FOR TYPICAL FRAMING DETAILS SEE SHEETS A8.01
6. FOR ACCESSIBILITY & COMPLIANCE STANDARD DETAILS, SEE SHEET G1.30

LAYOUT PLAN LEGEND

WALL / PARTITION TYPE, SEE A8.00 & A8.01

(E) WALL

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SHEET TITLE
LAYOUT PLAN - UPPER LEVEL

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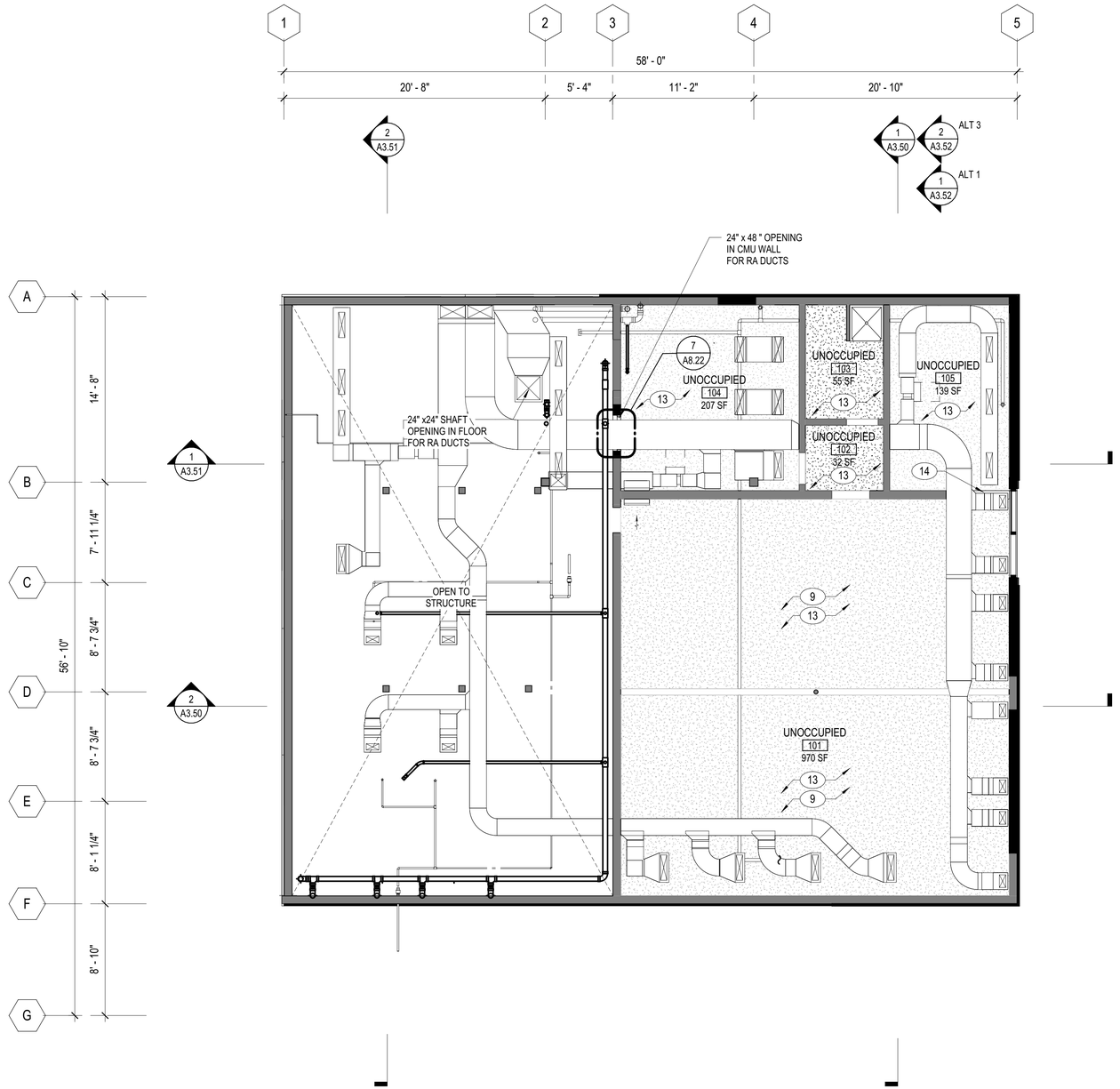

1 A2.30 REFLECTED CEILING PLAN - LOWER LEVEL

3/16" = 1'-0"

0' 3' 6' 11'

N

GENERAL NOTES

1. SED FOR LIGHT FIXTURES
2. SMD FOR DIFFUSERS
3. AT EXPOSED WOOD CEILINGS, ROUTE ALL ELECTRICAL & LOW VOLTAGE CONDUIT AND SPRINKLER LINES IN INSULATION LAYER ABOVE DECKING, SED, SPD
4. ROUT SPRINKLER LINES IN INSULATION LEVEL @ (E) T&G DECKING

KEY NOTES

1. SANDBLASTED & REFINISHED (E) BEAM / RAFTER, TYP
2. CORRUGATED CORTEN EAVE, TYP
3. SANDBLASTED & REFINISHED (E) BEAM, TYP, SSD
4. PTD GALV STL ROOF OUTRIGGER, SSD, PT-3
5. MANUAL WINDOW SHADE / ALT #6 ELECTRIC WINDOW SHADE, SED
6. PTD GALV STL OUTRIGGER ATTTACHED TO (E) WD BEAM, SSD, PT-3, TYP
7. DECORATIVE CYLINDRICAL PENDANTS, SED, TYP
8. RECESSED CAN LIGHT, SED, TYP
9. (E) GWB CLG TO REMAIN
10. CEILING OR WALL MOUNTED FIRE ALARM DEVICE, SEE INTERIOR ELEVATIONS
11. CONCEALED SPRINKLER HEAD, SPD, TYP
12. LINEAR DIFFUSER, SMD, TYP
13. (N) SPRINKLERS, SPD
14. (N) STRUCTURAL HEADER, SSD
15. RECESSED 2'x2' LIGHT, SED, TYP
16. CEILING ACCESS PANEL
17. EXAUST GRILLE, SMD
18. CEILING MOUNTED EXIT SIGN, SED
19. SANDBLASTED & REFINISHED (E) BEAM, PT-3 @ EXTERIOR, TYP

LEGEND

- GYPSUM BOARD
- SANDBLASTED AND REFINISHED (E) T&G DECKING (DIRECTION OF BOARDS VARIES)
- 24" X 48" ACOUSTIC TILE

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SHEET TITLE
REFLECTED CEILING PLAN - LOWER LEVEL

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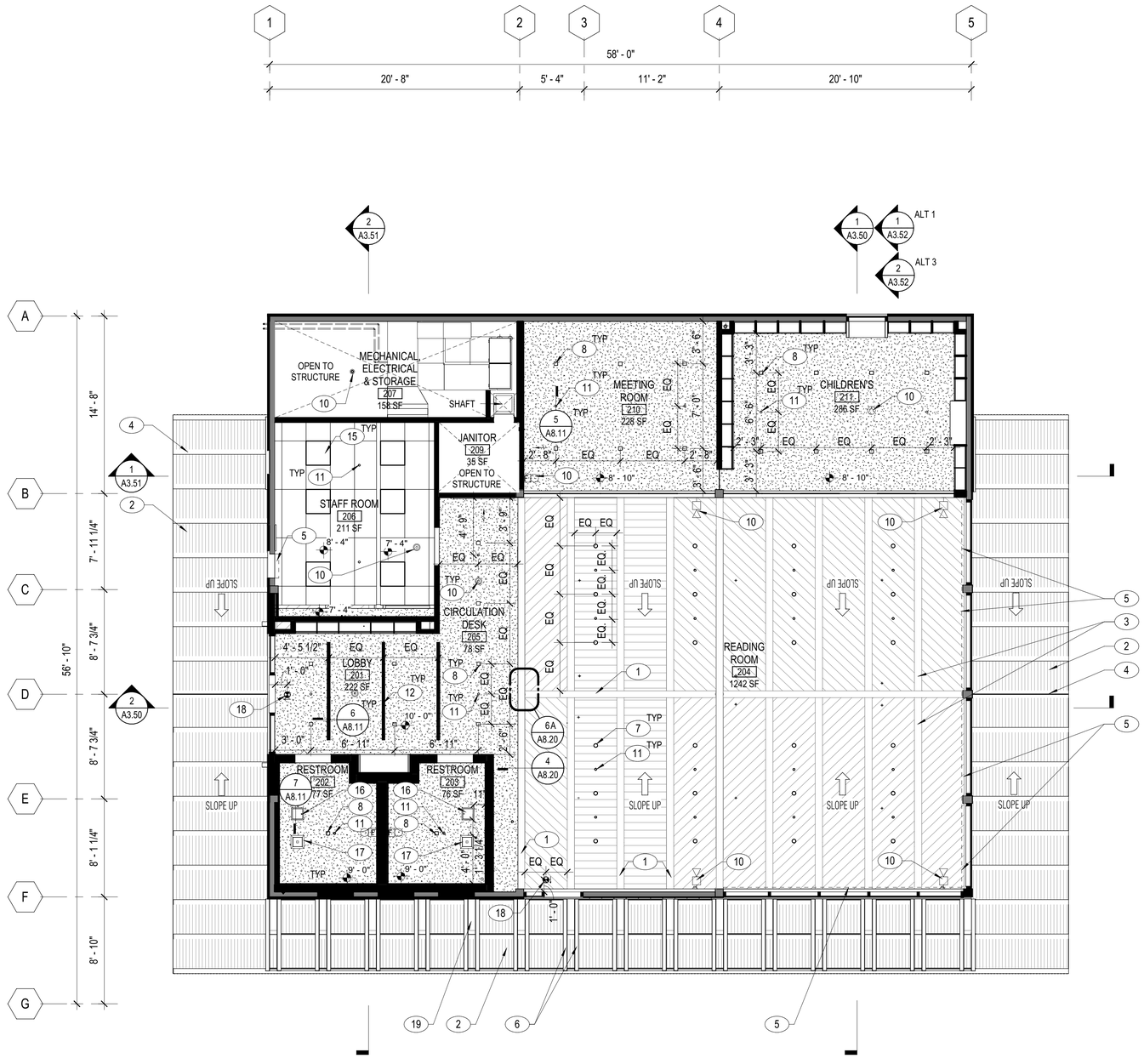

1 A2.31 REFLECTED CEILING PLAN - UPPER LEVEL
3/16" = 1'-0"

0' 3' 6' 11'

N

GENERAL NOTES

1. SED FOR LIGHT FIXTURES
2. SMD FOR DIFFUSERS
3. AT EXPOSED WOOD CEILINGS, ROUTE ALL ELECTRICAL & LOW VOLTAGE CONDUIT AND SPRINKLER LINES IN INSULATION LAYER ABOVE DECKING, SED, SPD
4. ROUT SPRINKLER LINES IN INSULATION LEVEL @ (E) T&G DECKING

KEY NOTES

1. SANDBLASTED & REFINISHED (E) BEAM / RAFTER, TYP
2. CORRUGATED CORTEN EAVE, TYP
3. SANDBLASTED & REFINISHED (E) BEAM, TYP, SSD
4. PTD GALV STL ROOF OUTRIGGER, SSD, PT-3
5. MANUAL WINDOW SHADE / ALT #6 ELECTRIC WINDOW SHADE, SED
6. PTD GALV STL OUTRIGGER ATTTACHED TO (E) WD BEAM, SSD, PT-3, TYP
7. DECORATIVE CYLINDRICAL PENDANTS, SED, TYP
8. RECESSED CAN LIGHT, SED, TYP
9. (E) GWB CLG TO REMAIN
10. CEILING OR WALL MOUNTED FIRE ALARM DEVICE, SEE INTERIOR ELEVATIONS
11. CONCEALED SPRINKLER HEAD, SPD, TYP
12. LINEAR DIFFUSER, SMD, TYP
13. (N) SPRINKLERS, SPD
14. (N) STRUCTURAL HEADER, SSD
15. RECESSED 2'x2' LIGHT, SED, TYP
16. CEILING ACCESS PANEL
17. EXAUST GRILLE, SMD
18. CEILING MOUNTED EXIT SIGN, SED
19. SANDBLASTED & REFINISHED (E) BEAM, PT-3 @ EXTERIOR, TYP

LEGEND

- GYPSUM BOARD
- SANDBLASTED AND REFINISHED (E) T&G DECKING (DIRECTION OF BOARDS VARIES)
- 24" X 48" ACOUSTIC TILE

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NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

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SHEET TITLE
REFLECTED CEILING PLAN - UPPER LEVEL

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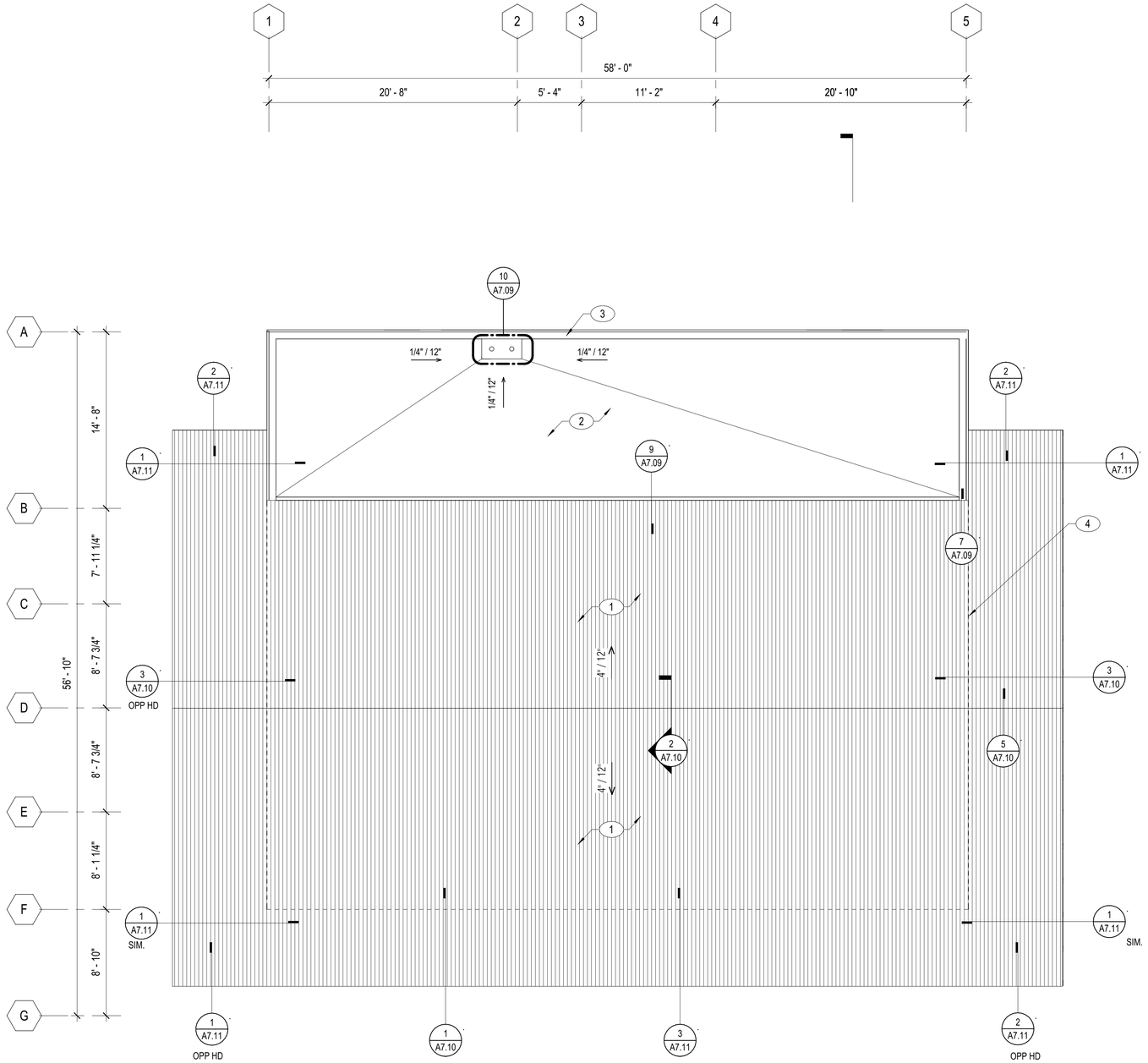

1 A2.40 ROOF PLAN
3/16" = 1'-0"

GENERAL NOTES

1. SEE MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT INFORMATION
2. SEE PLUMBING DRAWINGS FOR ROOF VENTS
3. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

KEY NOTES

1. CORRUGATED CORTEN ROOFING OVER NEW RIGID INSULATION
2. PVC ROOFING OVER COVERBOARD AND RIGID INSULATION
3. ROOF CURB W/ PTD GALV FLASHING & CAP
4. BUILDING BELOW

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No. C33239
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STATE OF CALIFORNIA

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SHEET TITLE
ROOF PLAN

REVISIONS		
NO.	DATE	DESCRIPTION

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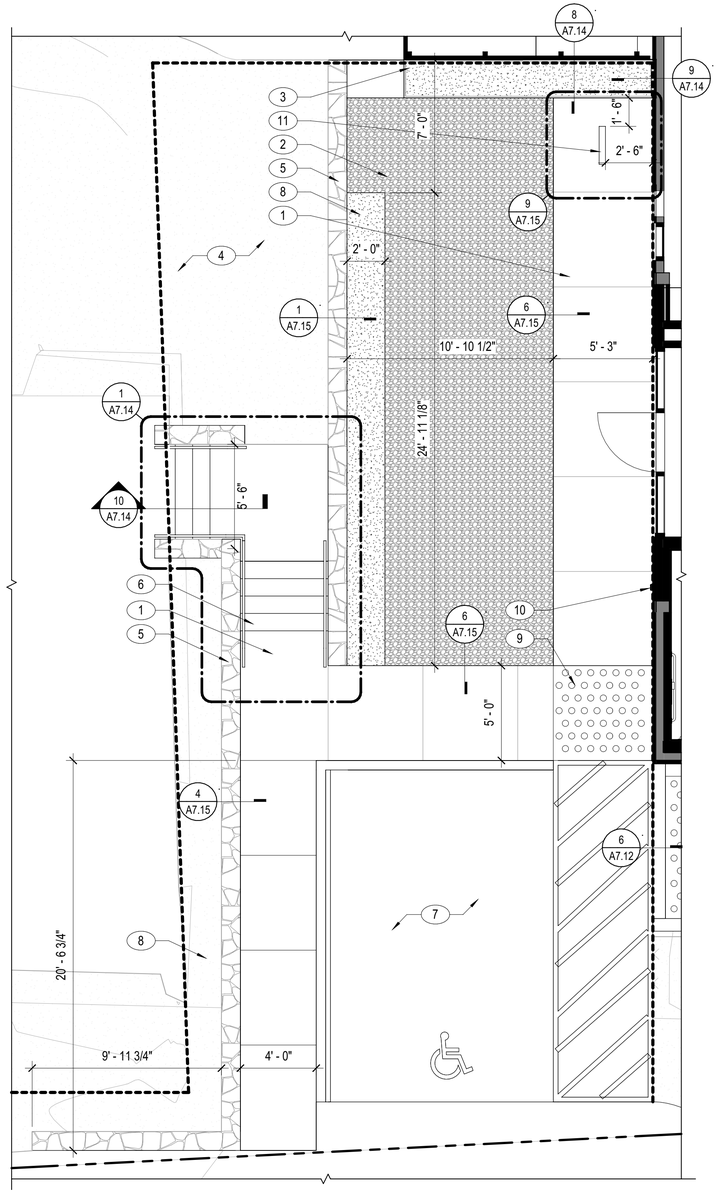

1 A2.50 ENLARGED SITE PLAN - ENTRY PLAZA - UNIT COST
1/4" = 1'-0"

GENERAL NOTES

1. SCD, SSD, SMD, SPD, SED FOR ADDITIONAL INFORMATION

KEY NOTES

1. (N) CONCRETE PAVING, SCD
2. STABILIZED DECOMPOSED GRANITE, SCD
3. CORTEN PLANTER
4. REPLACE (E) NATIVE PLANTING IN KIND, IN AREAS OF WORK
5. 30" TALL STONE WALL, OFCI STONE
6. CONCRETE STAIR & PREFINISHED GALVANIZED STEEL RAILINGS
7. ACCESSIBLE VAN PARKING STALL, SCD
8. (N) NATIVE PLANTING
9. TRUNCATED DOME, SCD
10. AUTOMATIC DOOR OPERATOR, SED
11. BIKE RACK

LEGEND

- PROPERTY LINE
- UNIT COST #1 ADA PARKING IMPROVEMENTS BOUNDARY
- GRAVEL
- MEADOW PLANTING
- OFCI STONE

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STATE OF CALIFORNIA

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SHEET TITLE
ENLARGED PLAN - ENRTY PLAZA - UNIT COST

REVISIONS

NO.	DATE	DESCRIPTION
1	01/16/2026	PC1

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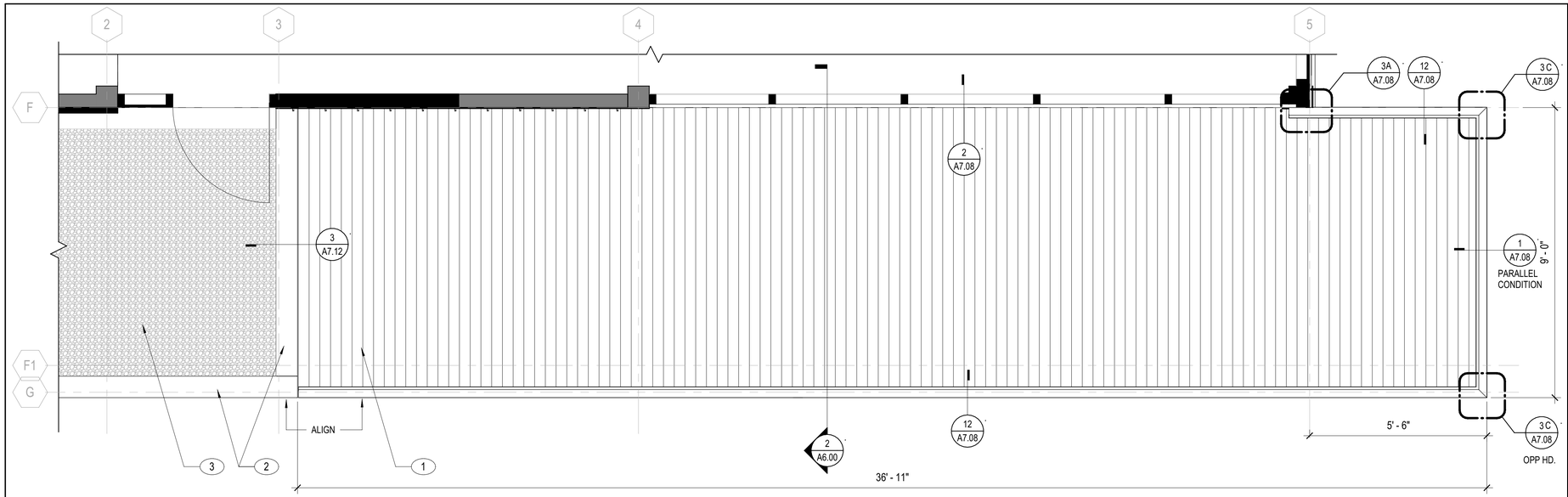
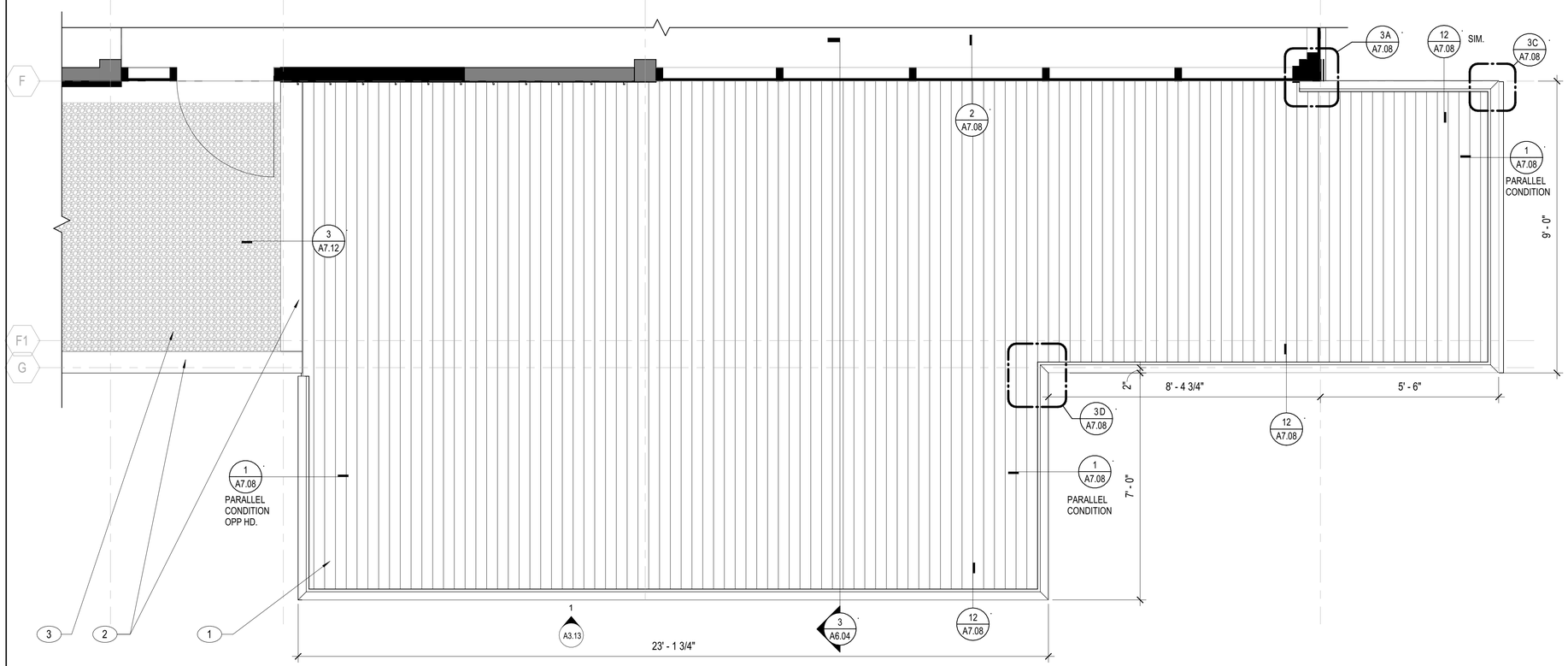


1 A2.51 ENLARGED PLAN - DECK - ALT 1

1/2" = 1'-0"



2 A2.51 ENLARGED PLAN - DECK - ALT 3 (EXTENSION)

1/2" = 1'-0"

GENERAL NOTES

1. SCD, SLD, SSD, SED FOR ADDITIONAL INFORMATION
2. (N) BATT INSULATION @ ALL (E) EXTERIOR WALLS

KEY NOTES

1. FIRE RETARDANT TREATED 4X4 IPE DECK OVER GALVANIZED PAINTED STEEL STRUCTURE, PT-3, SSD
2. (N) CONCRETE RETAINING WALL, SCD, SSD
3. DECOMPOSED GRANITE, SCD

LEGEND

- (N) WALL
- (E) WALL
- FIRE RETARDANT TREATED 4X4 IPE DECK
- DECOMPOSED GRANITE

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SHEET TITLE
ENLARGED PLANS - DECK - ALT1 & ALT3

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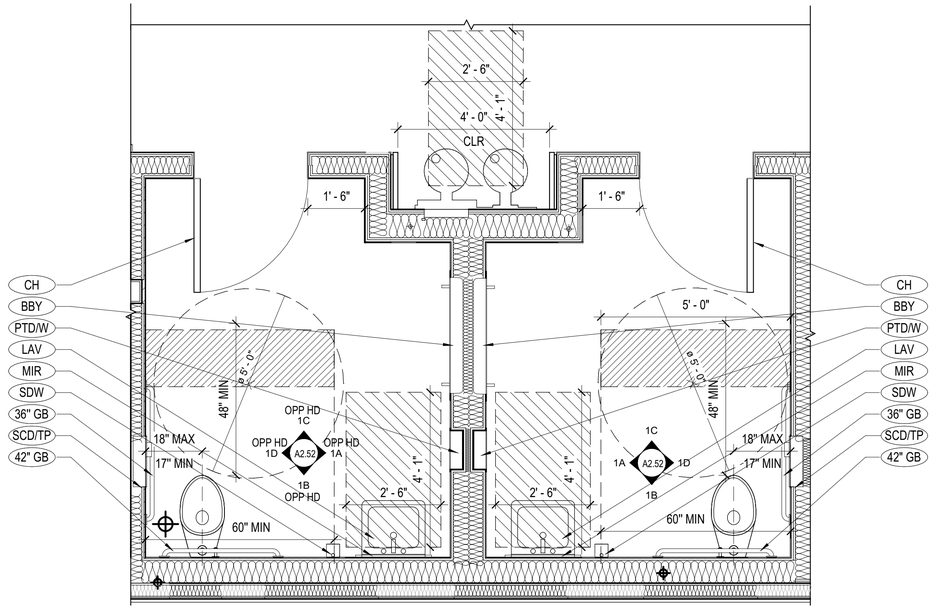
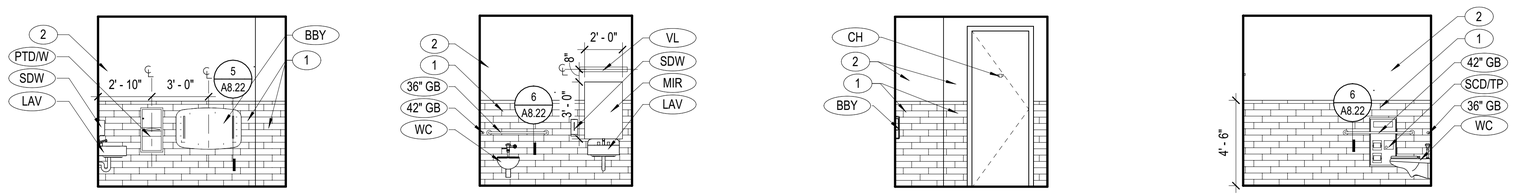


1 A2.52 ENLARGED PLAN - RESTROOMS

1/2" = 1'-0"



1A 1B 1C 1D

A2.52 INTERIOR ELEVATION - RESTROOM

1/4" = 1'-0"

GENERAL NOTES

1. SEE G1.30 FOR MOUNTING HEIGHTS OF ACCESSORIES AND CLEARANCES
2. SEE ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION ON WALL, FLOOR, & CEILING FINISHES

RESTROOM ACCESSORY LEGEND

36" GB	36" GRAB BAR
42" GB	42" GRAB BAR
BBY	RECESSED BABY CHANGING STATION
CH	COAT HOOK
LAV	WALL MOUNTED LAVATORY, SPD
MIR	MIRROR
PTD/W	AUTOMATED SENSOR, BATTERY OPERATED, RECESSED PAPER TOWEL DISPENSER / WASTE RECEPTACLE
SDW	AUTOMATED SENSOR, BATTERY OPERATED, WALL MOUNTED SOAP DISPENSER
WC	WALL HUNG TANKLESS WATER CLOSET, SPD

KEY NOTES

1. CT-1 OVER THINSET MORTAR
2. PTD 5/8" GWB-1, PT-1

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SHEET TITLE
ENLARGED RESTROOM PLAN AND ELEVATIONS

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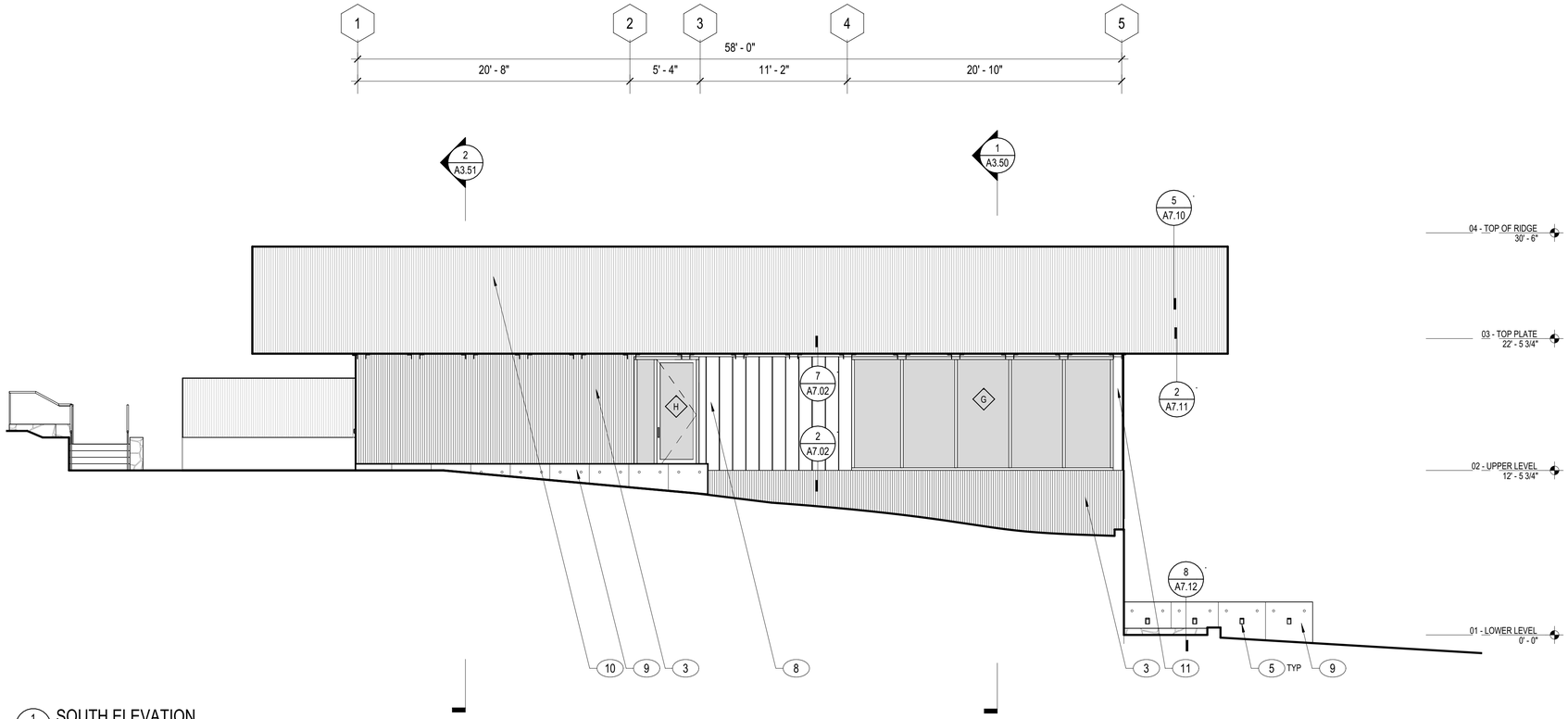
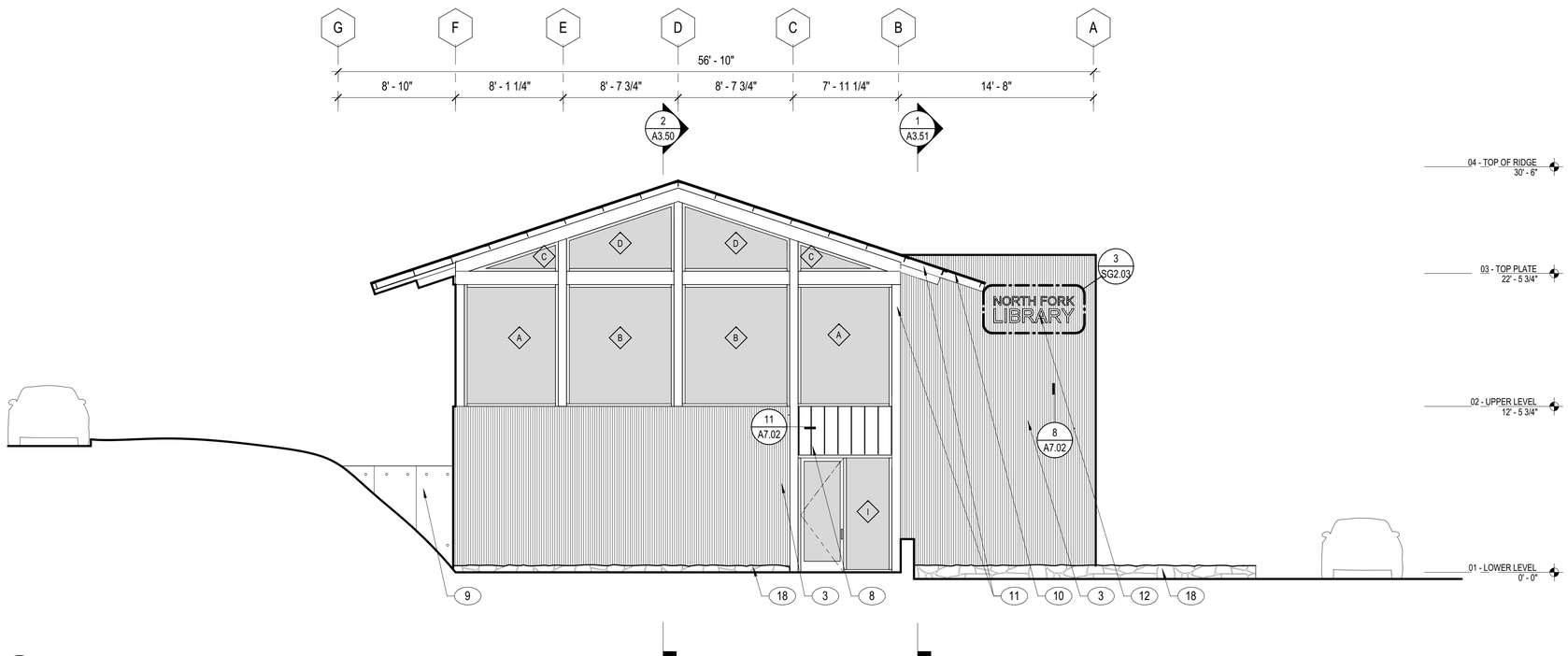


1 A3.10 SOUTH ELEVATION
3/16" = 1'-0"



2 A3.10 EAST ELEVATION
3/16" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWINGS A3.02 THROUGH A3.06 FOR SPECIFIC MATERIAL REFERENCES.
2. REFER TO A2.00 SERIES FOR DOOR NUMBER AND A9.00 FOR DOOR SCHEDULE.
3. REFER TO A3.20 FOR WINDOW, GLAZING SYSTEM TYPE AND ENLARGED WINDOW ELEVATIONS INCLUDING GLASS INFORMATION.
4. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.

KEY NOTES

1. (N) CONC. CURB, SCD
2. PREFINISHED ALUMINUM STOREFRONT & DOOR W.O.
3. CORRUGATED CORTEN SIDING OVER (N) WEATHER BARRIER
4. (E) MAIN SWITCHBOARD TO REMAIN, SED
5. (N) EXTERIOR LIGHT, SED
6. EA LOUVER, SMD
7. BOOK RETURN
8. PREFINISHED GALV FLAT SEAM PANEL TO MATCH STOREFRONT
9. (N) CONCRETE WALL SSD
10. CORRUGATED CORTEN ROOFING OVER (N) RIGID INSULATION
11. PREFINISHED 18 GA. ALUM SHEET METAL PANEL TO MATCH STOREFRONT
12. EXTERIOR SIGNAGE, PREFINISHED POWDERCOATED GALV STEEL LETTERFORMS TO MATCH STOREFRONT
13. CORTEN PLANTER / RETAINING
14. CONCRETE STAIR W/ PREFINISHED GALVANIZED HANDRAILS
15. CORRUGATED CORTEN MECHANICAL ENCLOSURE & GATE ON PTD GALVANIZED STEEL TUBE FRAME, SSD
16. (E) STONE RETAINING WALL, SCD
17. (N) OA LOUVER 2 IN (E) OPENING, SMD, SEE SHEET A3.20
18. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE
19. OA LOUVER 1, SMD, SEE SHEET A3.20
20. AUTOMATIC DOOR OPERATOR, SED
21. BASEMENT VENT, SMD, SEE SHEET A3.20
22. CURB IN FRONT, SCD
23. ROOF DRAIN OVERFLOW OUTLET AND SUMP PUMP OUTLET, SPD
24. SERVICE YARD FENCE IN FRONT

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SHEET TITLE
EXTERIOR ELEVATIONS

REVISIONS

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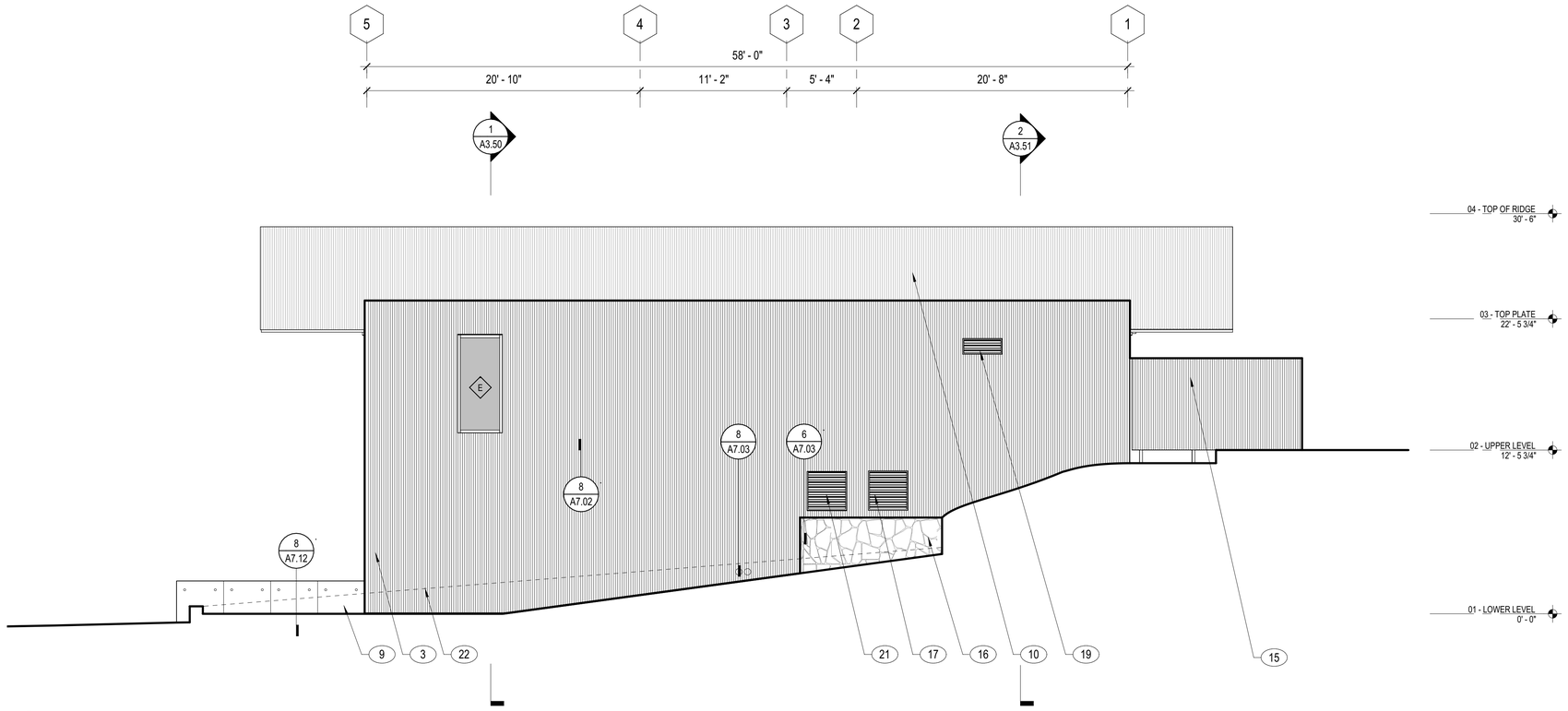
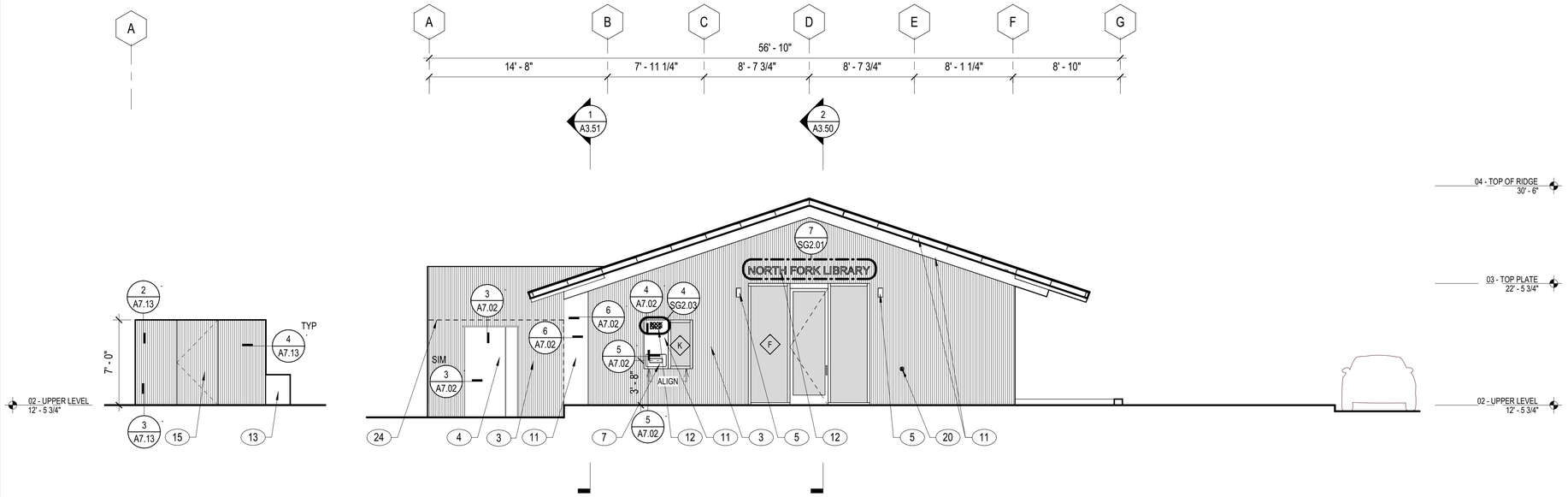


1 A3.11 NORTH ELEVATION
3/16" = 1'-0"



3 A3.11 WEST ELEVATION - SERVICE YARD
3/16" = 1'-0"

2 A3.11 WEST ELEVATION
3/16" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWINGS A3.02 THROUGH A3.06 FOR SPECIFIC MATERIAL REFERENCES.
2. REFER TO A2.00 SERIES FOR DOOR NUMBER AND A9.00 FOR DOOR SCHEDULE.
3. REFER TO A3.20 FOR WINDOW, GLAZING SYSTEM TYPE AND ENLARGED WINDOW ELEVATIONS INCLUDING GLASS INFORMATION.
4. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.

KEY NOTES

1. (N) CONC. CURB, SCD
2. PREFINISHED ALUMINUM STOREFRONT & DOOR W.O.
3. CORRUGATED CORTEN SIDING OVER (N) WEATHER BARRIER
4. (E) MAIN SWITCHBOARD TO REMAIN, SED
5. (N) EXTERIOR LIGHT, SED
6. EA LOUVER, SMD
7. BOOK RETURN
8. PREFINISHED GALV FLAT SEAM PANEL TO MATCH STOREFRONT
9. (N) CONCRETE WALL SSD
10. CORRUGATED CORTEN ROOFING OVER (N) RIGID INSULATION
11. PREFINISHED 18 GA. ALUM SHEET METAL PANEL TO MATCH STOREFRONT
12. EXTERIOR SIGNAGE, PREFINISHED POWDERCOATED GALV STEEL LETTERFORMS TO MATCH STOREFRONT
13. CORTEN PLANTER / RETAINING
14. CONCRETE STAIR W/ PREFINISHED GALVANIZED HANDRAILS
15. CORRUGATED CORTEN MECHANICAL ENCLOSURE & GATE ON PTD GALVANIZED STEEL TUBE FRAME, SSD
16. (E) STONE RETAINING WALL, SCD
17. (N) OA LOUVER 2 IN (E) OPENING, SMD, SEE SHEET A3.20
18. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE
19. OA LOUVER 1, SMD, SEE SHEET A3.20
20. AUTOMATIC DOOR OPERATOR, SED
21. BASEMENT VENT, SMD, SEE SHEET A3.20
22. CURB IN FRONT, SCD
23. ROOF DRAIN OVERFLOW OUTLET AND SUMP PUMP OUTLET, SPD
24. SERVICE YARD FENCE IN FRONT

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
EXTERIOR ELEVATIONS

REVISIONS

NO.	DATE	DESCRIPTION
1	01/16/2026	PC1

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03.06.2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER **A3.11**

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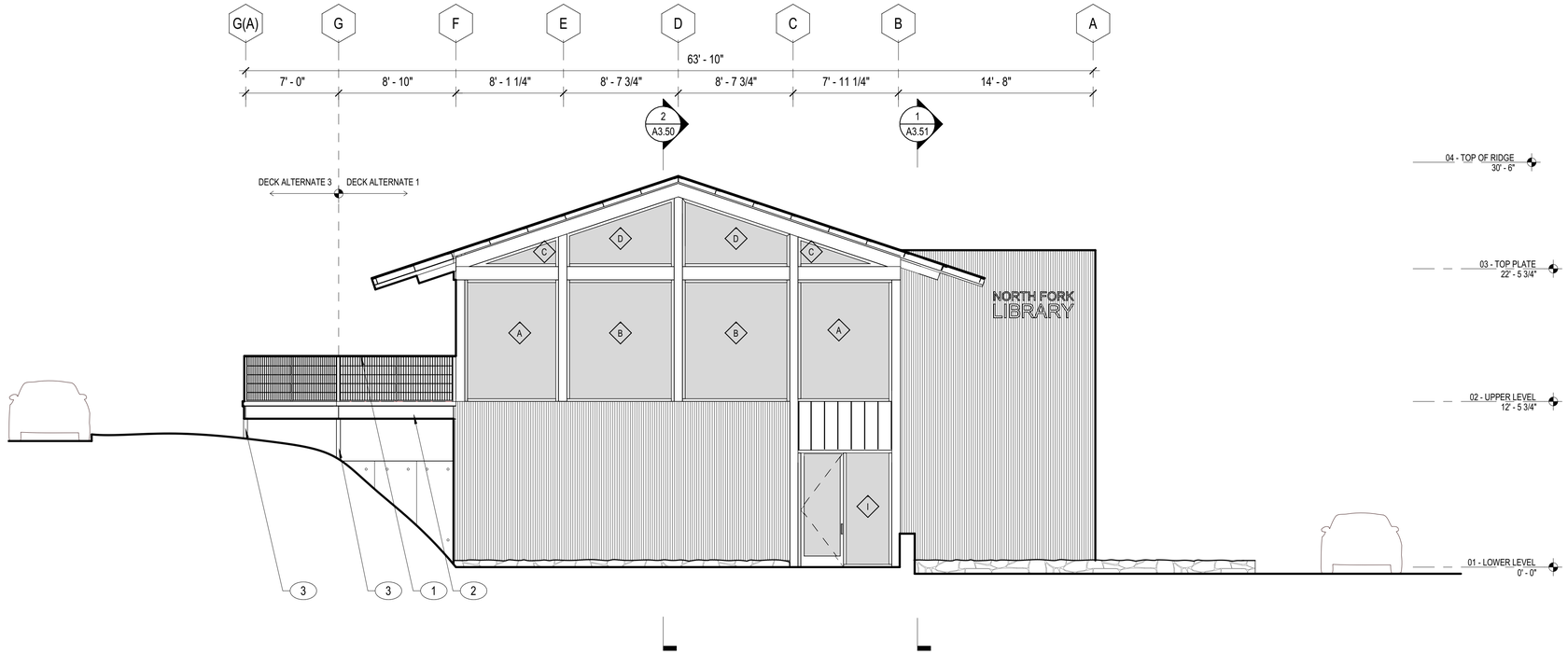
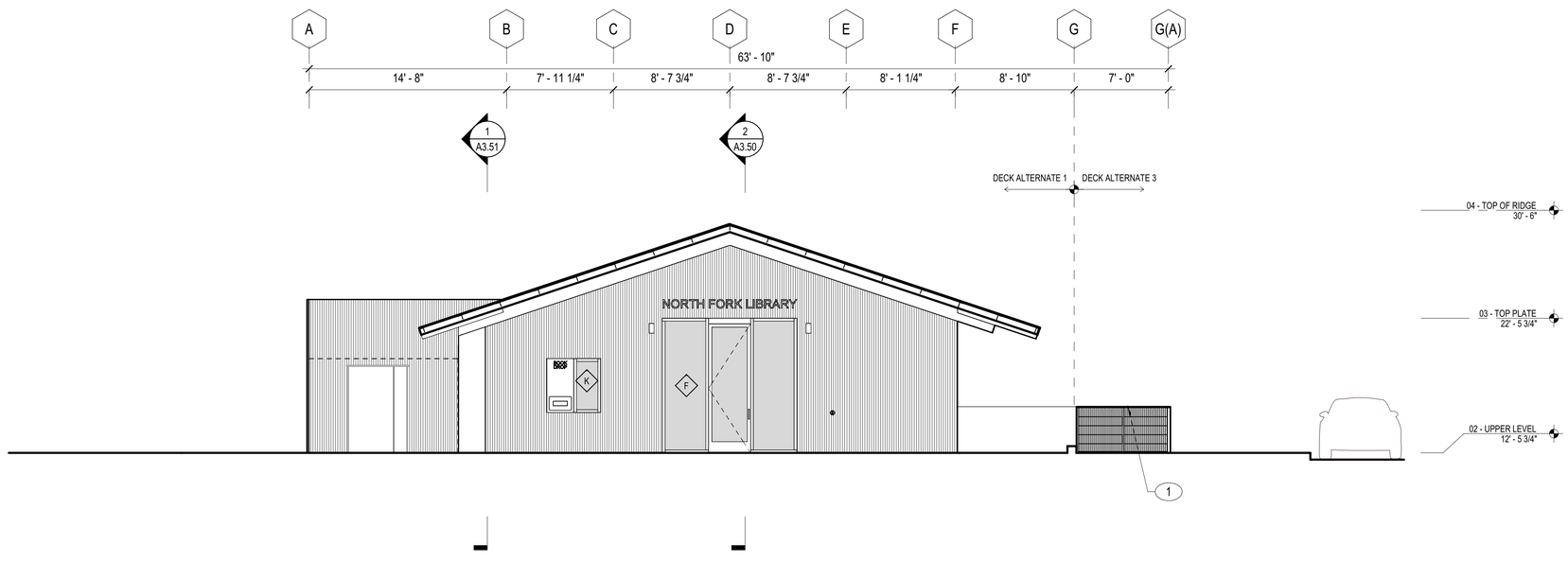


1 / A3.12 EAST ELEVATION - DECK ALTERNATE #1 & #2
3/16" = 1'-0"



2 / A3.12 WEST ELEVATION - DECK ALTERNATE #1 & #2
3/16" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWINGS A3.02 THROUGH A3.06 FOR SPECIFIC MATERIAL REFERENCES.
2. REFER TO A2.00 SERIES FOR DOOR NUMBER AND A9.00 FOR DOOR SCHEDULE.
3. REFER TO A3.20 FOR WINDOW, GLAZING SYSTEM TYPE AND ENLARGED WINDOW ELEVATIONS INCLUDING GLASS INFORMATION.
4. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.

KEY NOTES

1. PREFINISHED GALVANIZED STEEL GUARDRAIL, W/ INTEGRATED LED STRIP LIGHTS, SED
2. PTD STL BEAM, PT-3, SSD
3. PTD STL COLUMN, PT-3, SSD
4. FIRE RETARDANT TREATED 4X4 IPE DECK OVER GALVANIZED PAINTED STEEL STRUCTURE, PT-3, SSD
24. SERVICE YARD FENCE IN FRONT

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MADERA COUNTY

PROJECT

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
EXTERIOR ELEVATIONS - ALT 1&3

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Plans Approved under the California Building Codes
Date 03/17/26
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DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER **A3.12**

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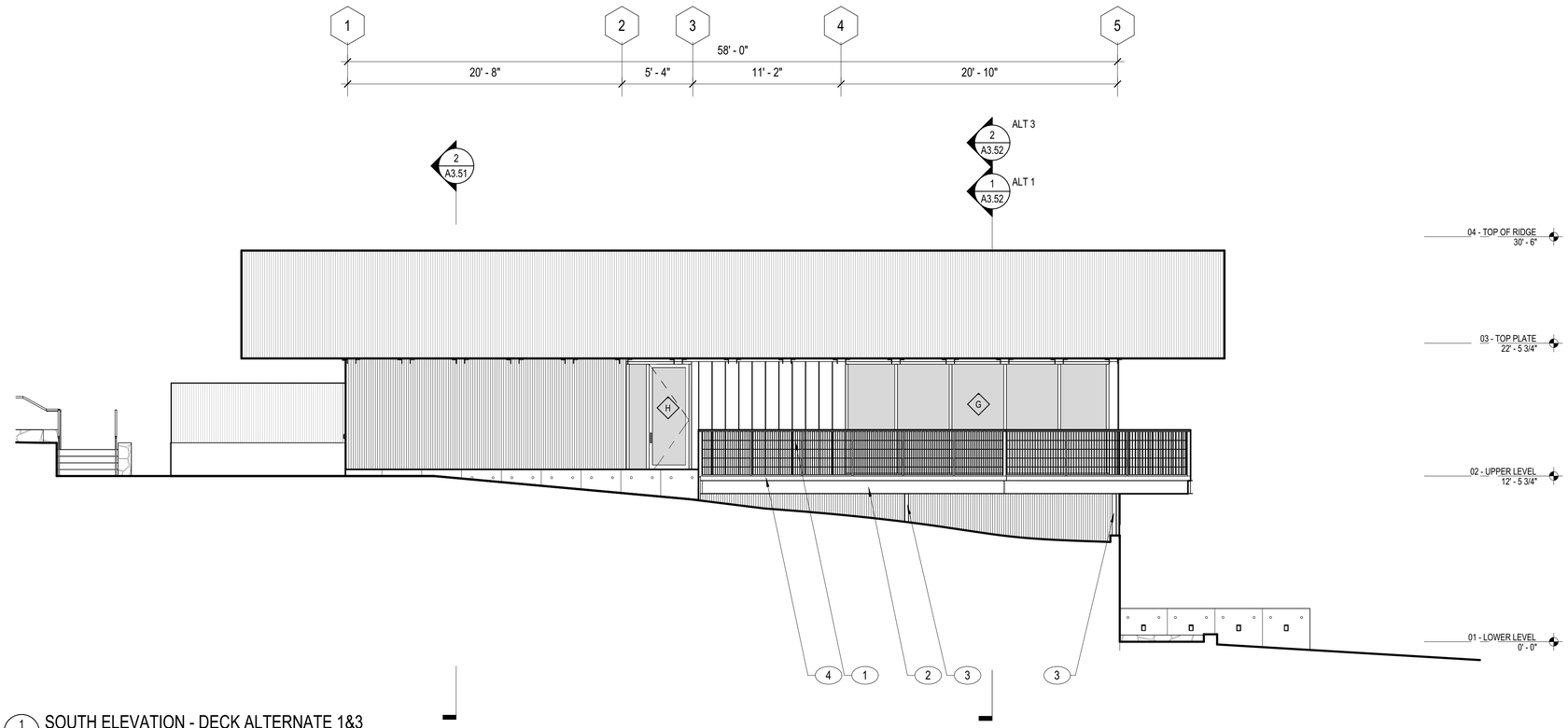

1 A3.13 SOUTH ELEVATION - DECK ALTERNATE 1&3
3/16" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWINGS A3.02 THROUGH A3.06 FOR SPECIFIC MATERIAL REFERENCES.
2. REFER TO A2.00 SERIES FOR DOOR NUMBER AND A9.00 FOR DOOR SCHEDULE.
3. REFER TO A3.20 FOR WINDOW, GLAZING SYSTEM TYPE AND ENLARGED WINDOW ELEVATIONS INCLUDING GLASS INFORMATION.
4. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.

KEY NOTES

1. PREFINISHED GALVANIZED STEEL GUARDRAIL, W/ INTEGRATED LED STRIP LIGHTS, SED
2. PTD STL BEAM, PT-3, SSD
3. PTD STL COLUMN, PT-3, SSD
4. FIRE RETARDANT TREATED 4X4 IPE DECK OVER GALVANIZED PAINTED STEEL STRUCTURE, PT-3, SSD
24. SERVICE YARD FENCE IN FRONT

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MADERA COUNTY

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NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
EXTERIOR ELEVATIONS - ALT 1&3

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Approved Plans
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature
Certified Building Official

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2024-01
SHEET NUMBER	A3.13

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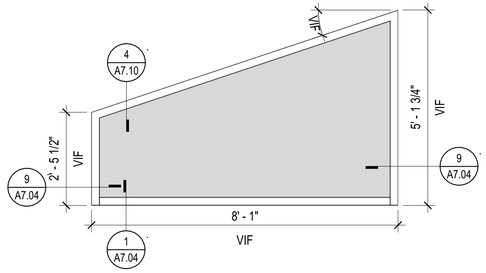
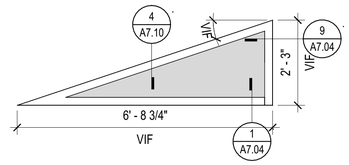
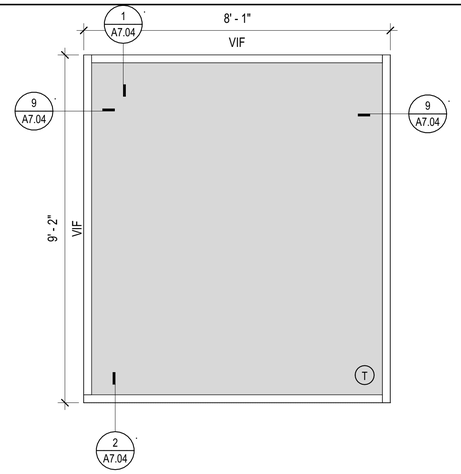


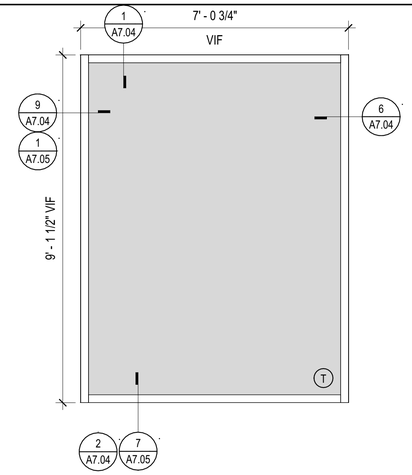
10 A3.20 WINDOW ELEVATION - D
1/2" = 1'-0"



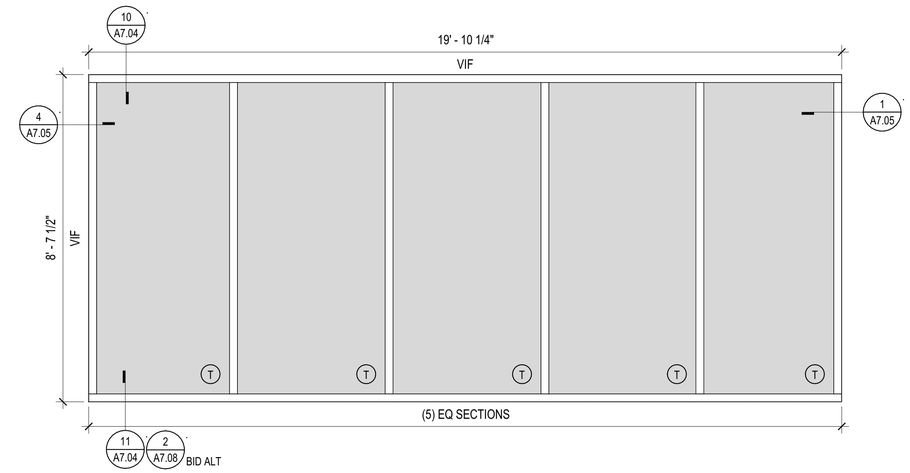
7 A3.20 WINDOW ELEVATION - C
1/2" = 1'-0"



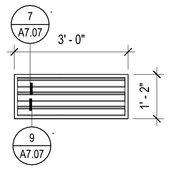
4 A3.20 WINDOW ELEVATION - B
1/2" = 1'-0"



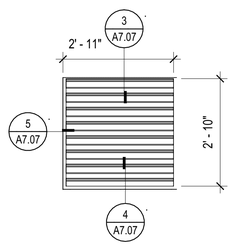
1 A3.20 WINDOW ELEVATION - A
1/2" = 1'-0"



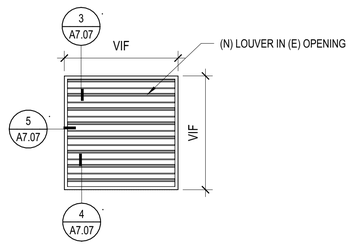
8 A3.20 WINDOW ELEVATION - G
1/2" = 1'-0"



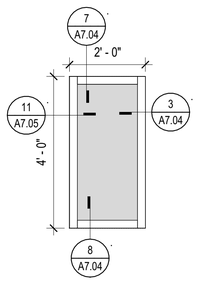
11 A3.20 OA LOUVER - 1
1/2" = 1'-0"



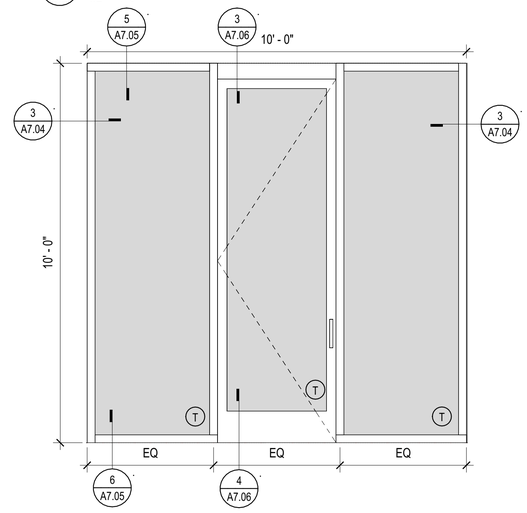
13 A3.20 BASEMENT VENT
1/2" = 1'-0"



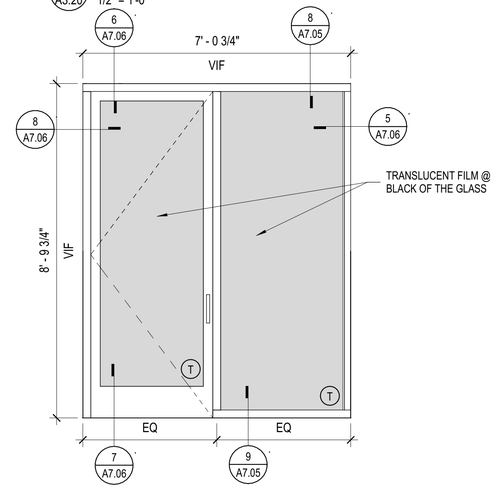
12 A3.20 OA LOUVER - 2
1/2" = 1'-0"



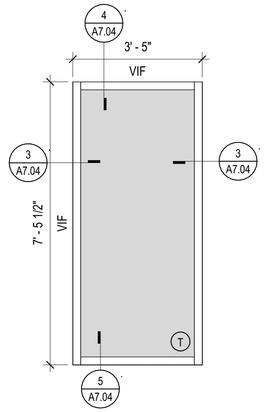
9 A3.20 WINDOW ELEVATION - K
1/2" = 1'-0"



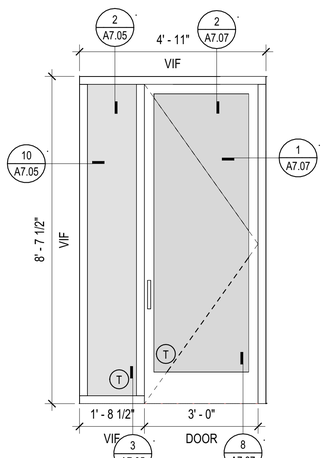
5 A3.20 WINDOW ELEVATION - F
1/2" = 1'-0"



6 A3.20 WINDOW ELEVATION - I
1/2" = 1'-0"



2 A3.20 WINDOW ELEVATION - E
1/2" = 1'-0"



3 A3.20 WINDOW ELEVATION - H
1/2" = 1'-0"

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
WINDOW ELEVATIONS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE 1/2" = 1'-0"
JOB NO. 2024-01
SHEET NUMBER **A3.20**

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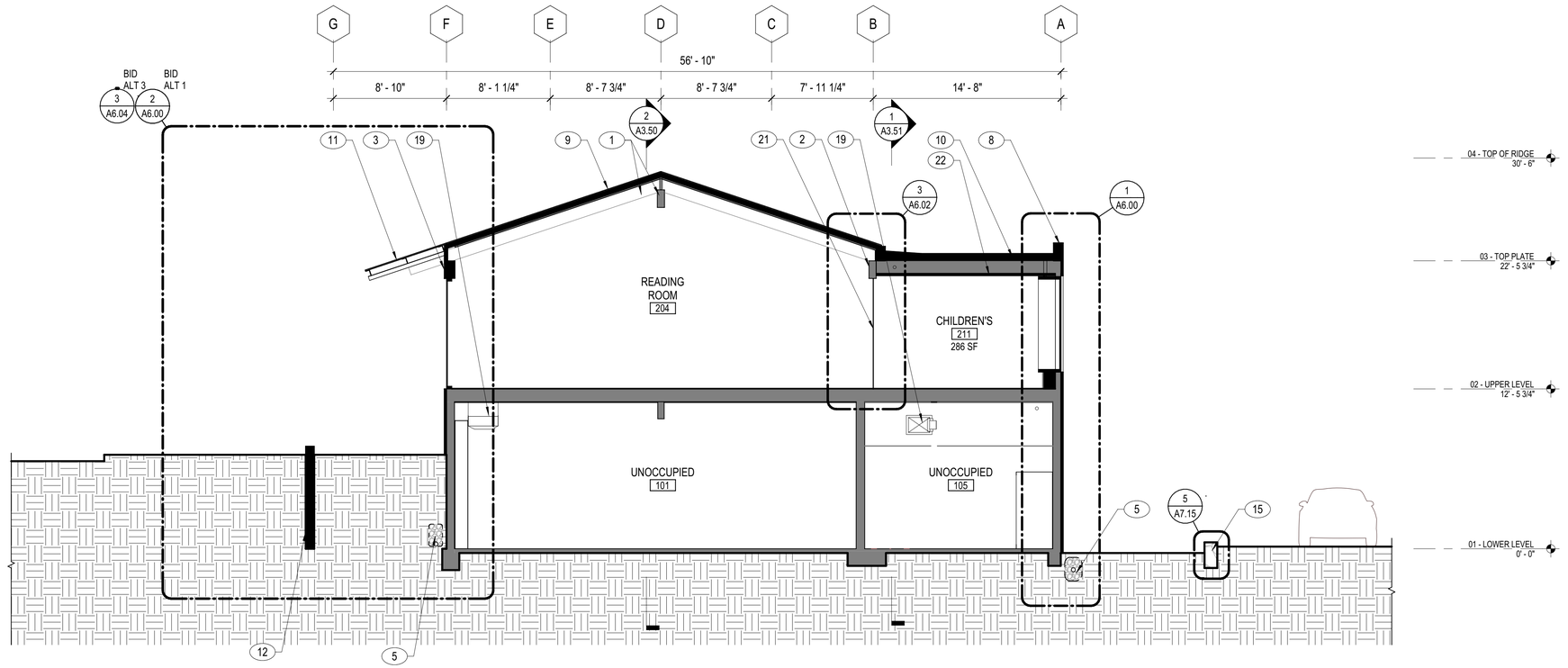
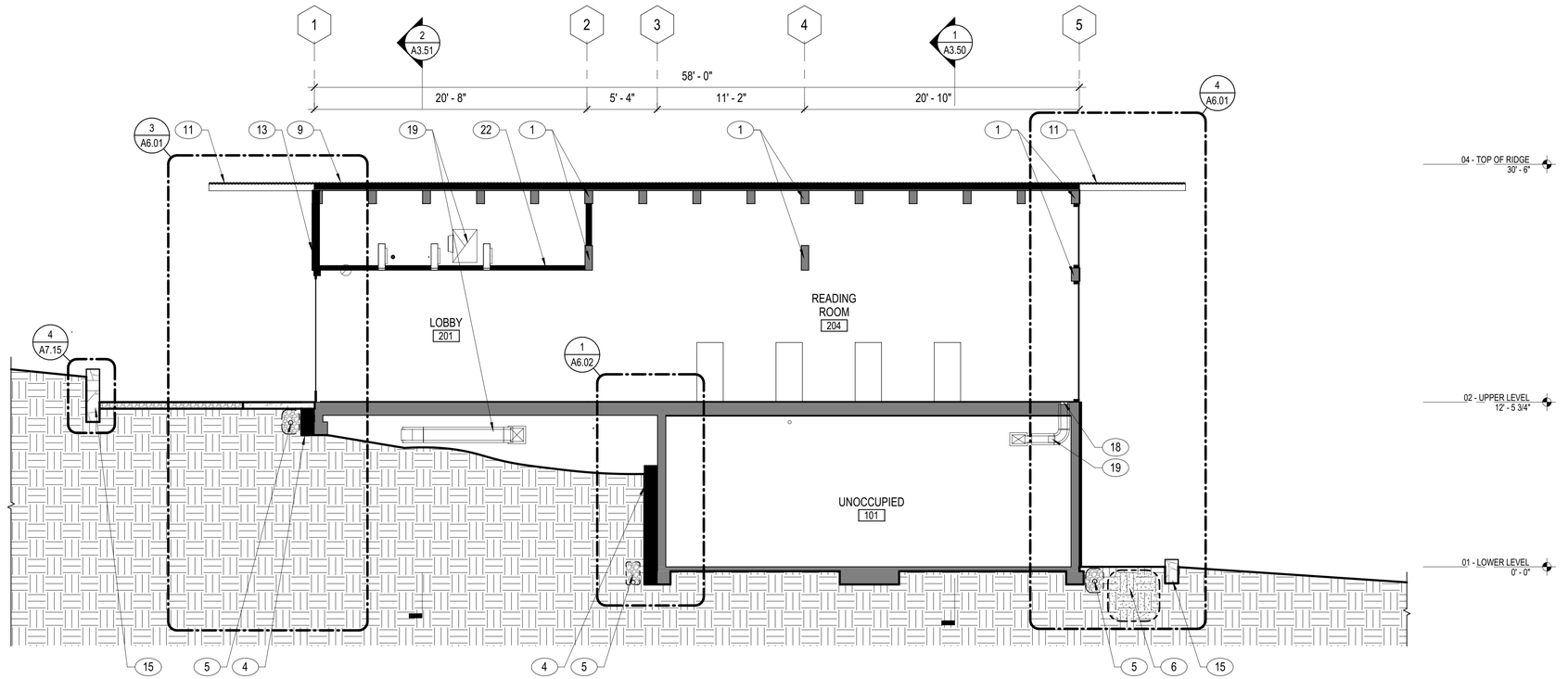


1 A3.50 BUILDING SECTION - NORTH/SOUTH
3/16" = 1'-0"



2 A3.50 BUILDING SECTION - EAST/WEST
3/16" = 1'-0"

3/6/2026 4:47:49 PM

GENERAL NOTES

1. LOWER LEVEL IS UNOCCUPIED SPACE
2. SCD, SLD, SSD, SED FOR ADDITIONAL INFORMATION

KEY NOTES

1. SANDBLASTED & REFINISHED (E) BEAM, TYP, SSD
2. RELOCATED (E) GLULAM BEAM, SSD
3. (N) GLULAM BEAM, SSD
4. (N) CONCRETE FOUNDATION WALL, SSD
5. (N) FRENCH DRAIN ALONG EXISTING FOOTING, SCD
6. (N) INFILTRATION BASIN CONNECTED TO FRENCH DRAINS, SCD
7. (N) CONC SLAB, SSD
8. ROOF CURB W/ PREFINISHED GALV FLASHING & CAP
9. CORRUGATED CORTEN ROOFING OVER NEW RIGID INSULATION
10. PVC ROOFING OVER COVERBOARD AND RIGID INSULATION
11. CORRUGATED CORTEN ROOFING EAVE OVER PTD GALV STL ROOF OUTRIGGER, PT-3, SSD
12. (N) CONC RETAINING WALL, SSD
13. EXTERIOR SIGNAGE, POWDERCOATED STEEL
14. PTD STL COLUMN, SSD
15. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE, SCD
16. HIGH/LOW DRINKING FOUNTAIN, SPD
17. (N) SOFFIT, SSD
18. FLOOR DIFFUSER, SMD, TYP
19. (N) MECHANICAL DUCT, SMD, TYP
20. FRAMELESS GLASS WALL
21. BID ALT.2 & 4: FRAMELESS GLASS PARTITION WALL & DOOR
22. (N) CEILING, SEE RCP

LEGEND

(N) CONSTRUCTION

(E) CONSTRUCTION

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OWNER

MADERA COUNTY

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NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
BUILDING SECTIONS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Plans Approved under the California Building Codes – Date 03/17/26 – Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
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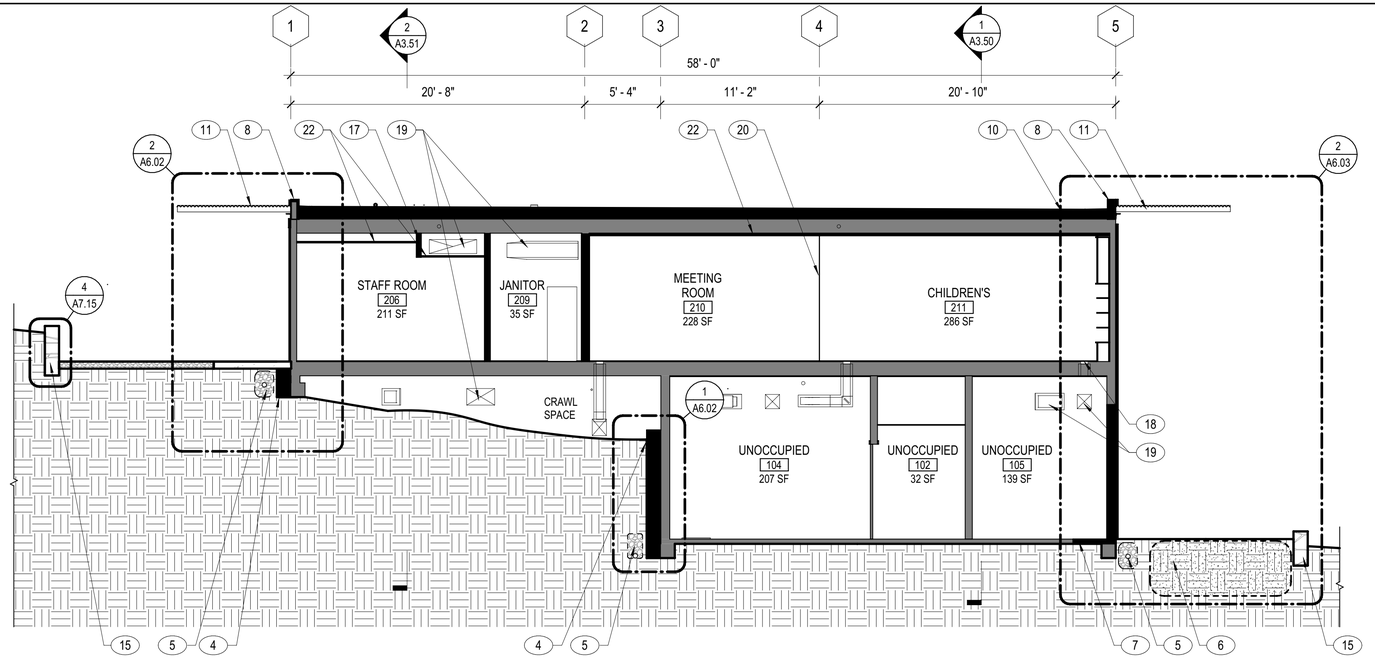
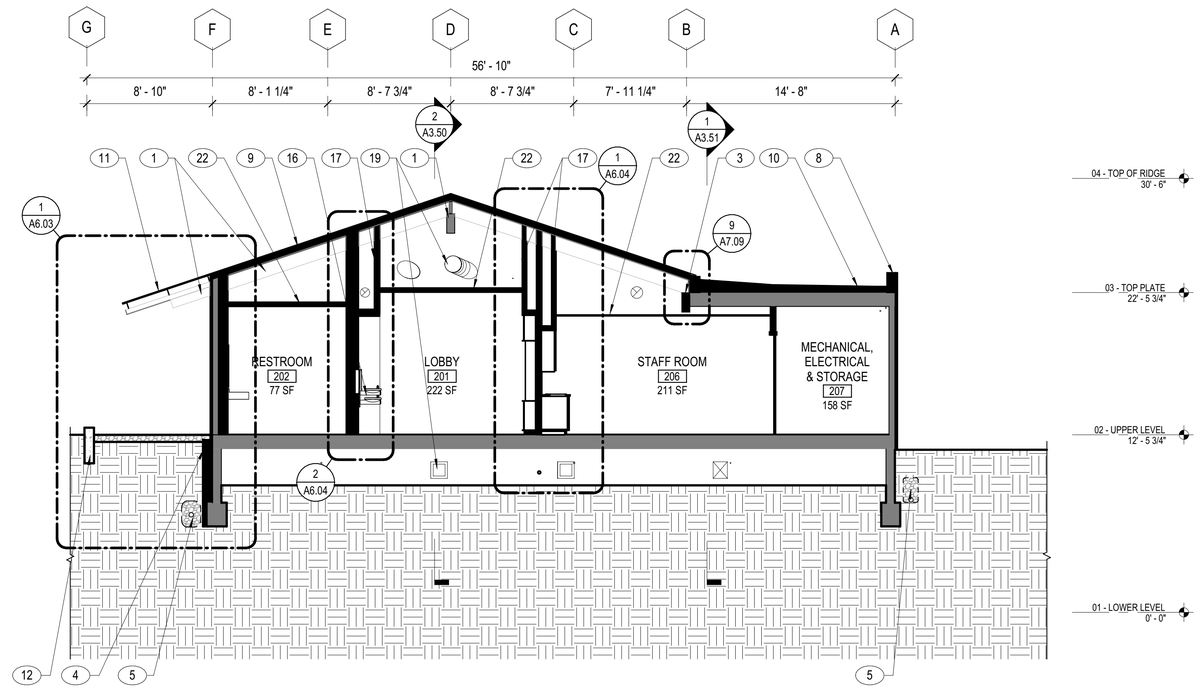
JOB NO. 2024-01
SHEET NUMBER **A3.50**



1 A3.51 BUILDING SECTION - EAST/WEST@STAFF
3/16" = 1'-0"



2 A3.51 BUILDING SECTION - NORTH/SOUTH @ LOBBY
3/16" = 1'-0"

GENERAL NOTES

1. LOWER LEVEL IS UNOCCUPIED SPACE
2. SCD, SLD, SSD, SED FOR ADDITIONAL INFORMATION

KEY NOTES

1. SANDBLASTED & REFINISHED (E) BEAM, TYP, SSD
2. RELOCATED (E) GLULAM BEAM, SSD
3. (N) GLULAM BEAM, SSD
4. (N) CONCRETE FOUNDATION WALL, SSD
5. (N) FRENCH DRAIN ALONG EXISTING FOOTING, SCD
6. (N) INFILTRATION BASIN CONNECTED TO FRENCH DRAINS, SCD
7. (N) CONC SLAB, SSD
8. ROOF CURB W/ PREFINISHED GALV FLASHING & CAP
9. CORRUGATED CORTEN ROOFING OVER NEW RIGID INSULATION
10. PVC ROOFING OVER COVERBOARD AND RIGID INSULATION
11. CORRUGATED CORTEN ROOFING EAVE OVER PTD GALV STL ROOF OUTRIGGER, PT-3, SSD
12. (N) CONC RETAINING WALL, SSD
13. EXTERIOR SIGNAGE, POWDERCOATED STEEL
14. PTD STL COLUMN, SSD
15. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE, SCD
16. HIGH/LOW DRINKING FOUNTAIN, SPD
17. (N) SOFFIT, SSD
18. FLOOR DIFFUSER, SMD, TYP
19. (N) MECHANICAL DUCT, SMD, TYP
20. FRAMELESS GLASS WALL
21. BID ALT.2 & 4: FRAMELESS GLASS PARTITION WALL & DOOR
22. (N) CEILING, SEE RCP

LEGEND

(N) CONSTRUCTION

(E) CONSTRUCTION

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OWNER

MADERA COUNTY

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NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
BUILDING SECTIONS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Residential Building Code
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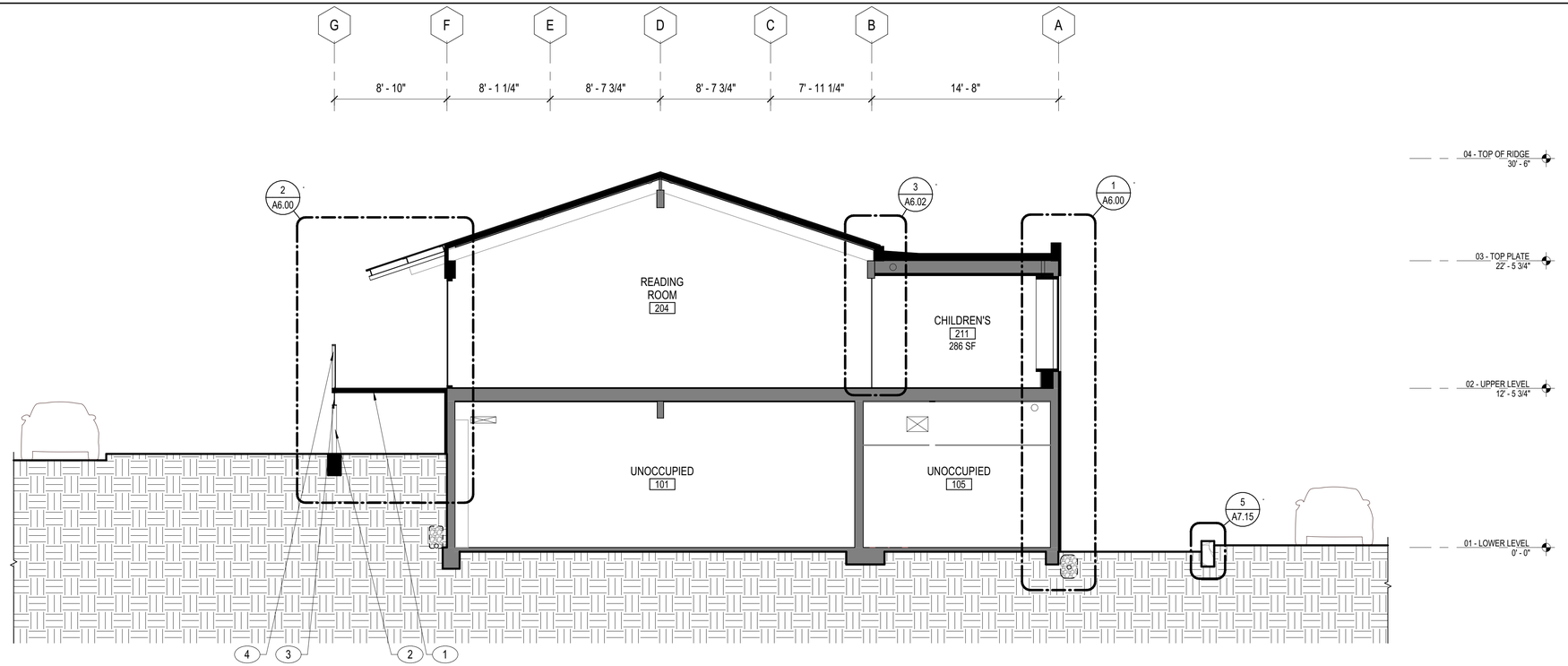
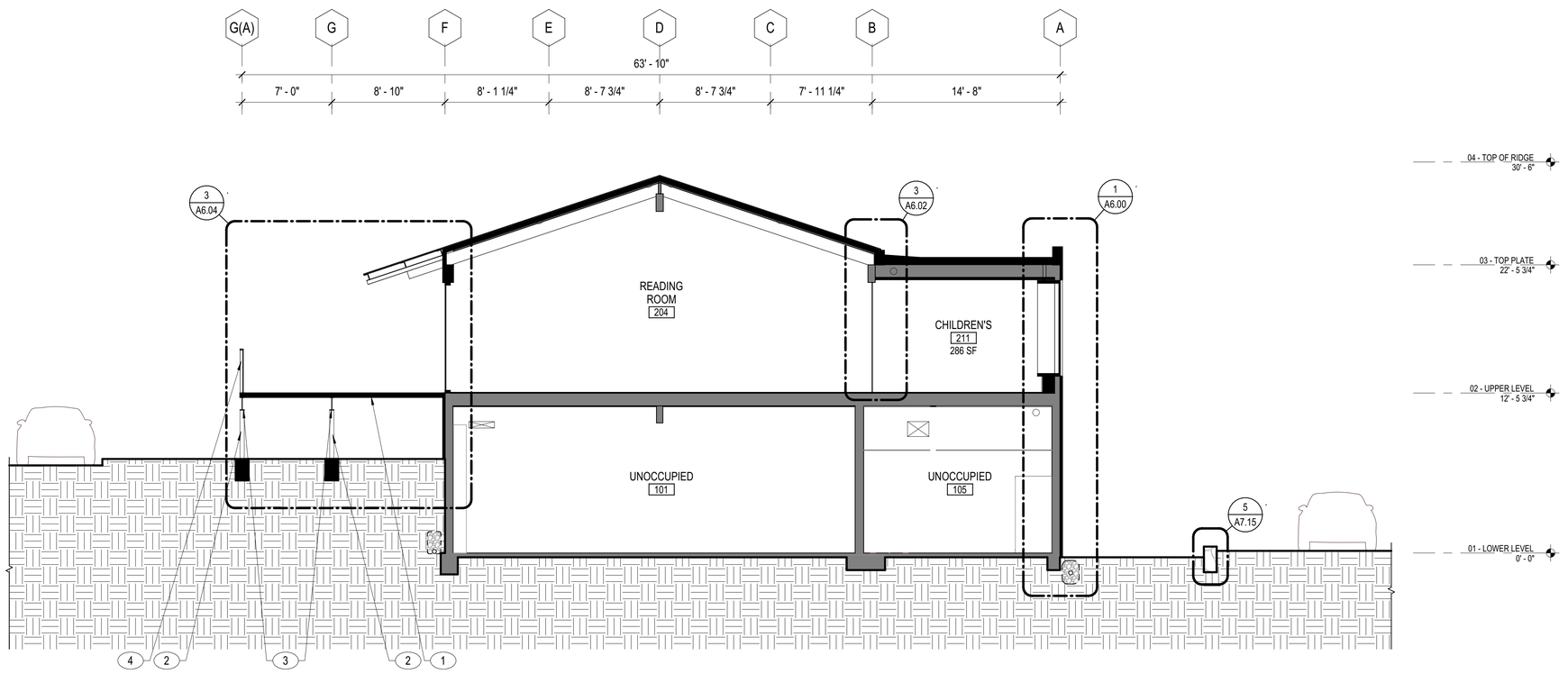
DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER
A3.51

3/6/2026 4:47:50 PM



1 A3.52 BUILDING SECTION - NORTH/SOUTH - DECK ALT 1

3/16" = 1'-0"



2 A3.52 BUILDING SECTION - NORTH/SOUTH - DECK ALT 3

3/16" = 1'-0"

GENERAL NOTES

1. LOWER LEVEL IS UNOCCUPIED SPACE
2. SCD, SLD, SSD, SED FOR ADDITIONAL INFORMATION

KEY NOTES

1. FIRE RETARDANT TREATED 4X4 IPE DECK OVER GALVANIZED PAINTED STEEL STRUCTURE, SSD
2. PTD STL SUPPORT, SSD
3. PTD STL BEAM, SSD
4. GALVANIZED PAINTED STEEL GUARDRAIL W/ INTEGRATED LED STRIP LIGHTS, SED

LEGEND

(N) CONSTRUCTION

(E) CONSTRUCTION

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ARCHITECTURE

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NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE

BUILDING SECTIONS - ALT 1 & 3

REVISIONS

NO.	DATE	DESCRIPTION

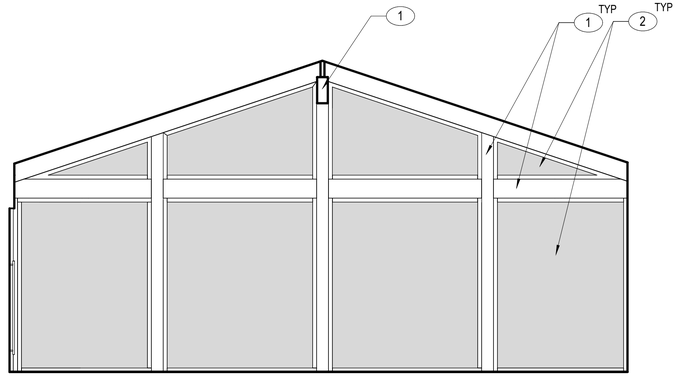
County of Madera – CED Building Division – Approved Plans Approved under the California Building Code

Date 03/17/26

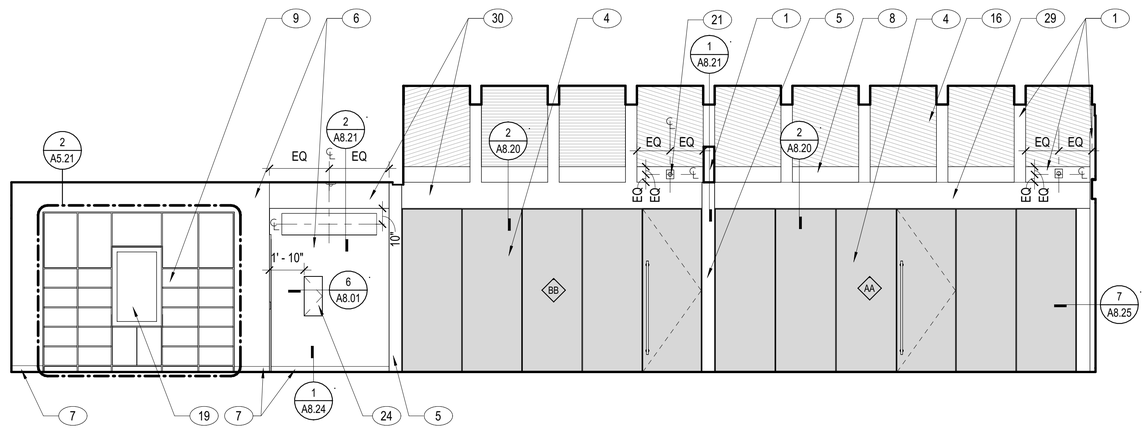
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As Indicated
JOB NO.	2044-01
SHEET NUMBER	A3.52

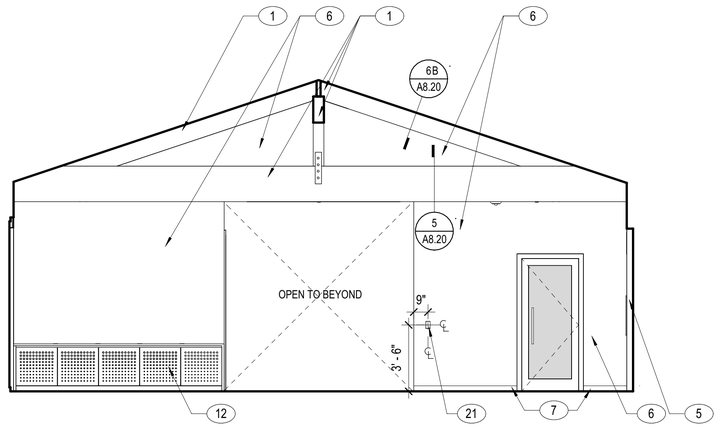
3/6/2026 4:47:51 PM



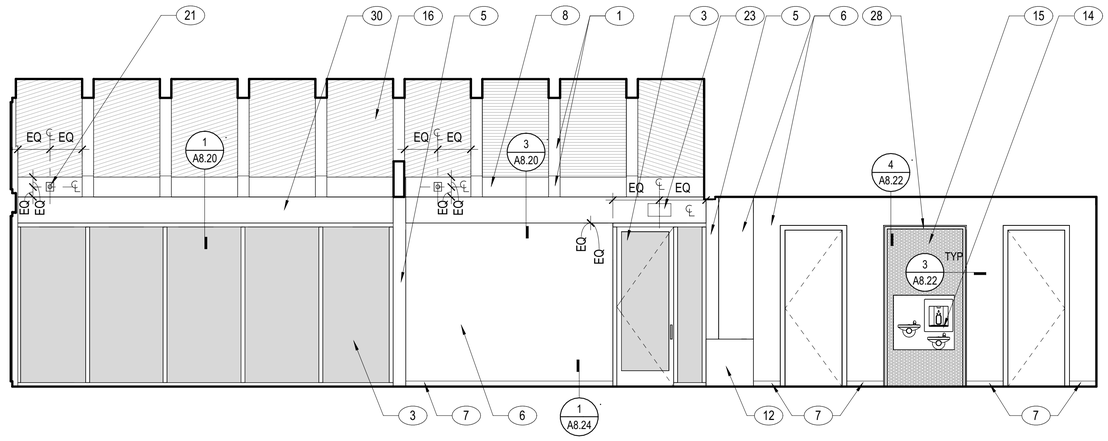
1A A5.00 READING ROOM - EAST
1/4" = 1'-0"



1B A5.00 READING ROOM - NORTH- BID ALT #4 & 5 SHOWN
1/4" = 1'-0"



1C A5.00 INTERIOR ELEVATION - READNG ROOM
1/4" = 1'-0"



1D A5.00 READING ROOM - SOUTH
1/4" = 1'-0"

KEY NOTES

1. (E) BEAM TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD
2. PREFINISHED ALUMINUM WINDOW
3. PREFINISHED ALUMNUM STOREFRONT
4. ALT 2 & 4: FRAMELESS GLASS PARTITION WALL & DOOR
5. (E) COLUMN TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD
6. PTD 5/8" GWB-1, PT-1
7. SOLID WOOD BASE, PTD TO MATCH ADJACENT WALL, WB-1
8. SWD-2 TRIM
9. BUILT-IN CASEWORK
10. CASEWORK PANEL W/ WDV-1 FINISH
11. PTD 5/8" GWB-1 SOFFIT WALL, PT-1
12. LOWER CABINETS
13. WDV-1 UPPER AND LOWER CABINETS W/ SS-1 COUNTERTOP
14. HIGH/LOW DRINKING FOUNTAIN, SPD
15. CT-3 OVER THINSET MORTAR
16. SANDBLASTED AND REFINISHED (E) T&G DECKING
17. SURROUND W/ WDV-2 FINISH
18. REMOVABLE CUTION ON VELCRO HOOK-AND-LOOP FASTENERS, FAB-1
19. MONITOR, OFCI
20. RUBBER BASE, RB-1
21. WALL MOUNTED FIRE STROBE/HORN DEVICE/PULL STATION
22. BOOK DROP
23. WALL MOUNTED EXIT SIGN, SED
24. RECESSED FEC
25. ELECTRICAL BOX, SED
26. CUSTOM VINYL WALL GRAPHIC, WC-1
27. DIFFUSER FOR RA, SMD
28. PTD WOOD FRAME, WDV-1, PT-1
29. REPOSITIONED (E) 16" GLULAM BEAM, SANDBLAST & REFINISH WHERE EXPOSED, SSD
30. (N) 16 1/2" GLULAM BEAM, SSD
31. FRAMELESS GLASS PARTITION WALL

LEGEND

SANDBLASTED AND REFINISHED (E) T&G DECKING (DIRECTION OF BOARDS VARIES)

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
INTERIOR ELEVATIONS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Safety Plans Approved under the California Building Code
Date 03/17/26
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SHEET NUMBER
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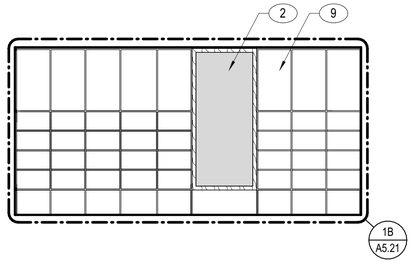

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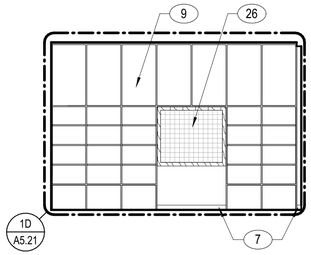

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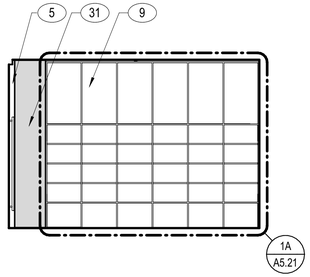

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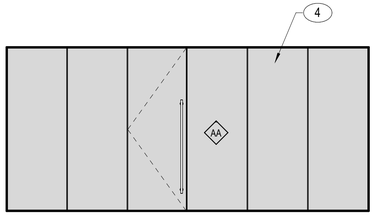

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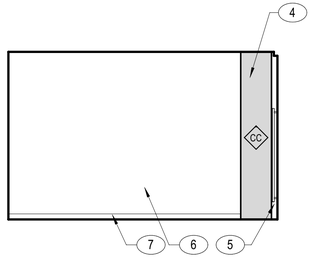
A5.01 INTERIOR ELEVATION - CHILDREN'S ROOM (BID ALT #4 SHOWN)
1/4" = 1'-0"



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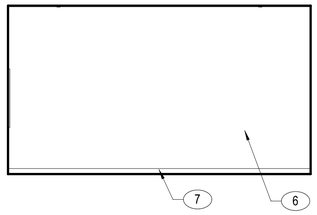

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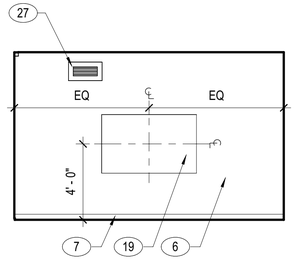

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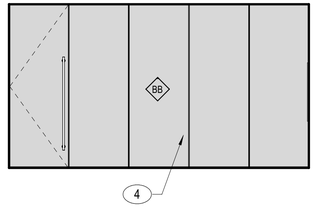
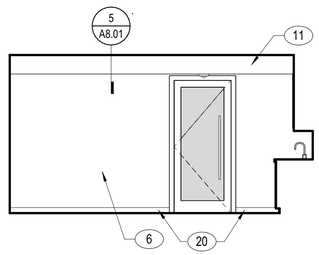


2D

A5.01 INTERIOR ELEVATION - MEETING ROOM (BID ALT #5 SHOWN)
1/4" = 1'-0"



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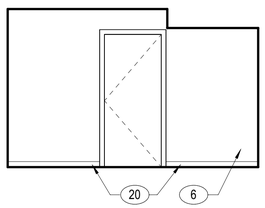

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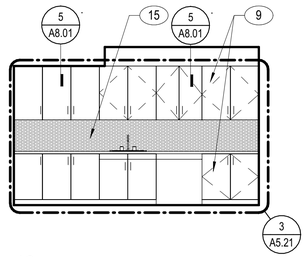

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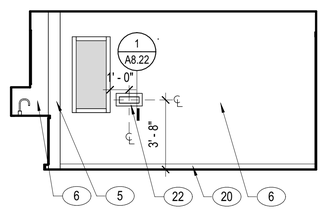

4D

A5.01 INTERIOR ELEVATION - STAFF ROOM
1/4" = 1'-0"

KEY NOTES

1. (E) BEAM TO REMAIN, SANDBLAST & REFINISH WHERE EXPOSED, SSD
2. PREFINISHED ALUMINUM WINDOW
3. PREFINSHED ALUMNUM STOREFRONT
4. ALT 2 & 4: FRAMELESS GLASS PARTITION WALL & DOOR
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27. DIFFUSER FOR RA, SMD
28. PTD WOOD FRAME, WDV-1, PT-1
29. REPOSITIONED (E) 16" GLULAM BEAM, SANDBLAST & REFINISH WHERE EXPOSED, SSD
30. (N) 16 1/2" GLULAM BEAM, SSD
31. FRAMELESS GLASS PARTITION WALL

LEGEND

SANDBLASTED AND REFINISHED (E) T&G DECKING (DIRECTION OF BOARDS VARIES)

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
INTERIOR ELEVATIONS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Residential Building Code
Date 03/17/26
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SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER **A5.01**

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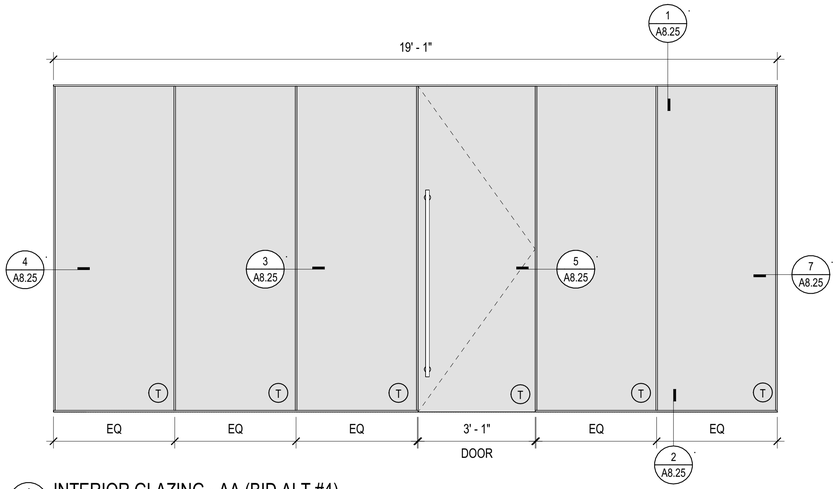
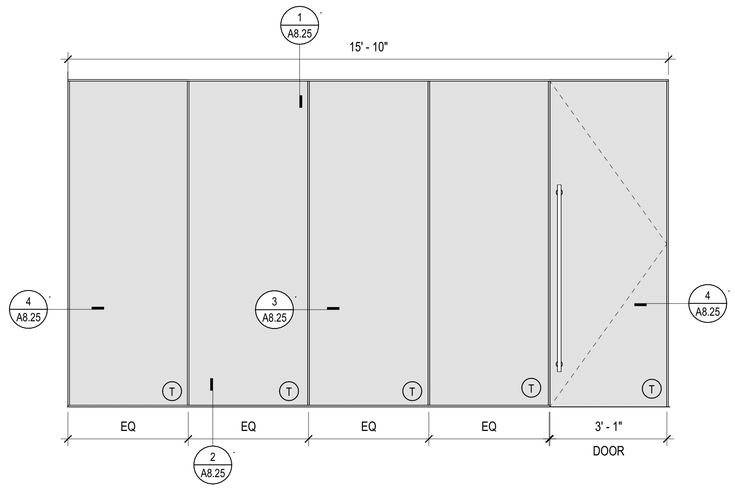


1 A5.10 INTERIOR GLAZING - AA (BID ALT #4)
1/2" = 1'-0"



2 A5.10 INTERIOR GLAZING - BB (BID ALT #2)
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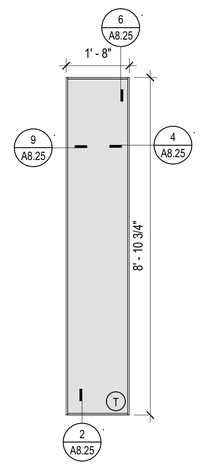

3 A5.10 INTERIOR GLAZING - CC
1/2" = 1'-0"

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SHEET TITLE
INTERIOR GLAZING ELEVATIONS

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SCALE	1/2" = 1'-0"
JOB NO.	2024-01
SHEET NUMBER	A5.10

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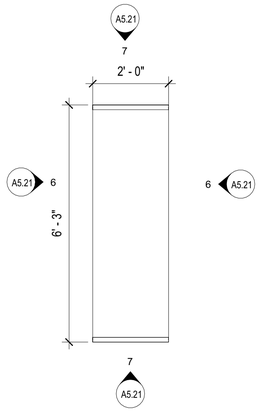
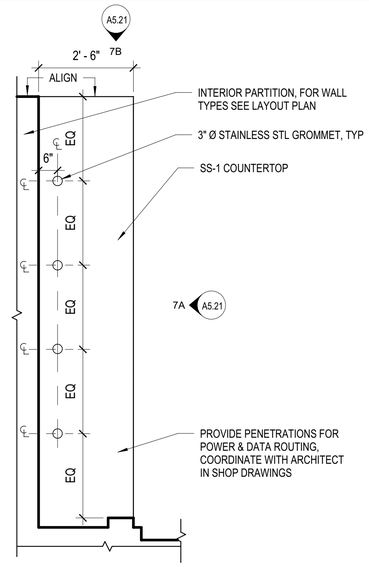
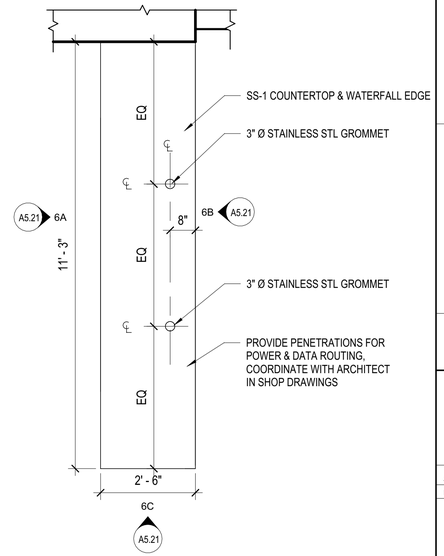


3 A5.20 ENLARGED CASEWORK - CANTILEVER STACK
1/2" = 1'-0"



1 A5.20 ENLARGED CASEWORK - SELF CHECK
1/2" = 1'-0"



2 A5.20 ENLARGED CASEWORK - CIRC DESK
1/2" = 1'-0"

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SHEET TITLE
ENLARGED CASEWORK PLANS

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JOB NO. 2024-01
SHEET NUMBER
A5.20

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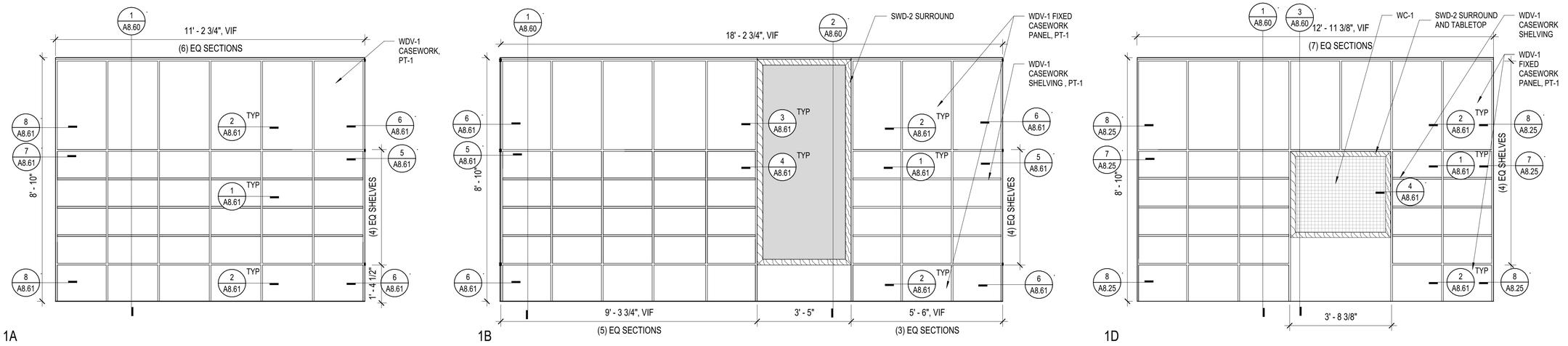
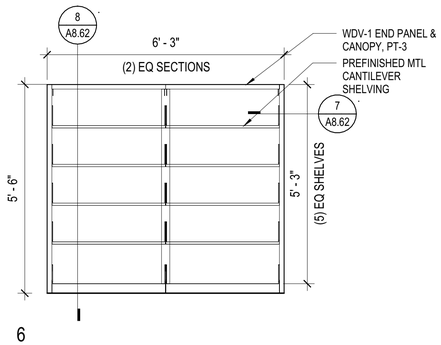


1A 1B 1D

A5.21 CHILDREN'S CASEWORK - WEST
1/2" = 1'-0"



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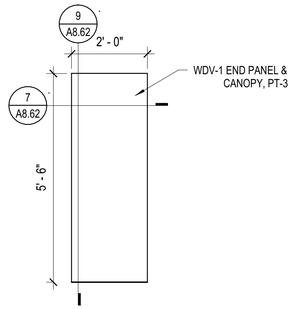

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A5.21 CASEWORK ELEVATION - TYP CANTILEVER STACK
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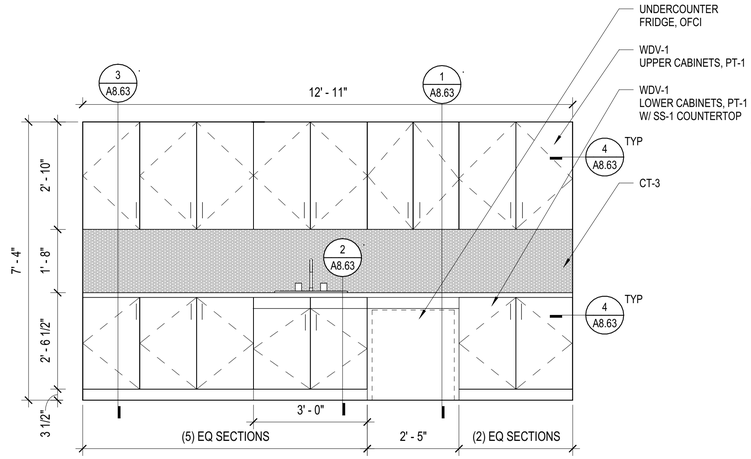
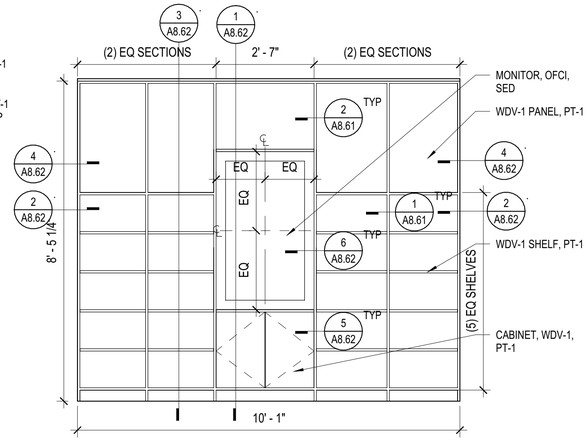
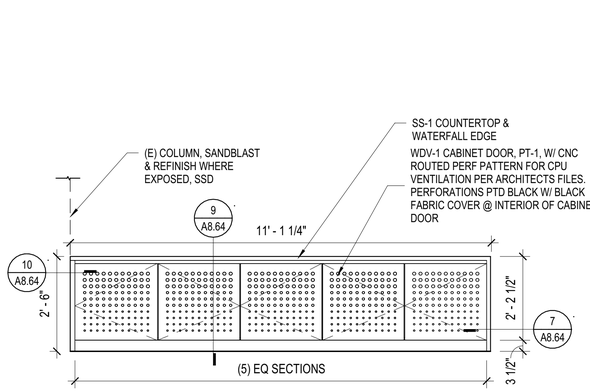


3 A5.21 CASEWORK - STAFF ROOM - UPPERS & LOWERS
1/2" = 1'-0"



2 A5.21 CASEWORK - LOBBY - NORTH
1/2" = 1'-0"



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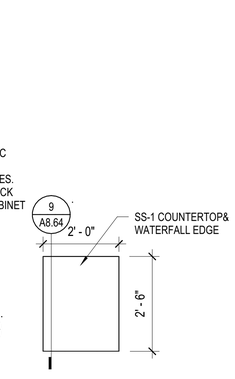

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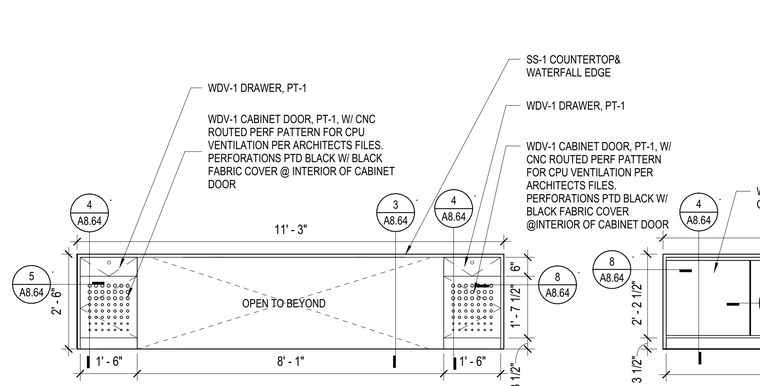
A5.21 CASEWORK - CIRCULATION DESK
1/2" = 1'-0"



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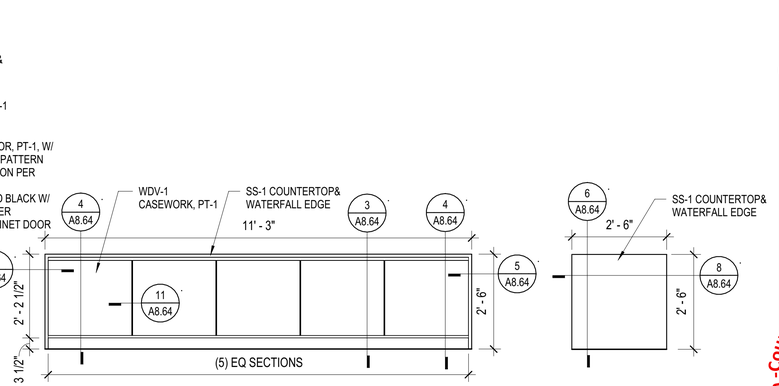

6B 6C

A5.21 CASEWORK - CIRCULATION DESK
1/2" = 1'-0"

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SHEET TITLE
CASEWORK ELEVATIONS

REVISIONS

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Approved Plans
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JOB NO. 2024-01
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A5.21

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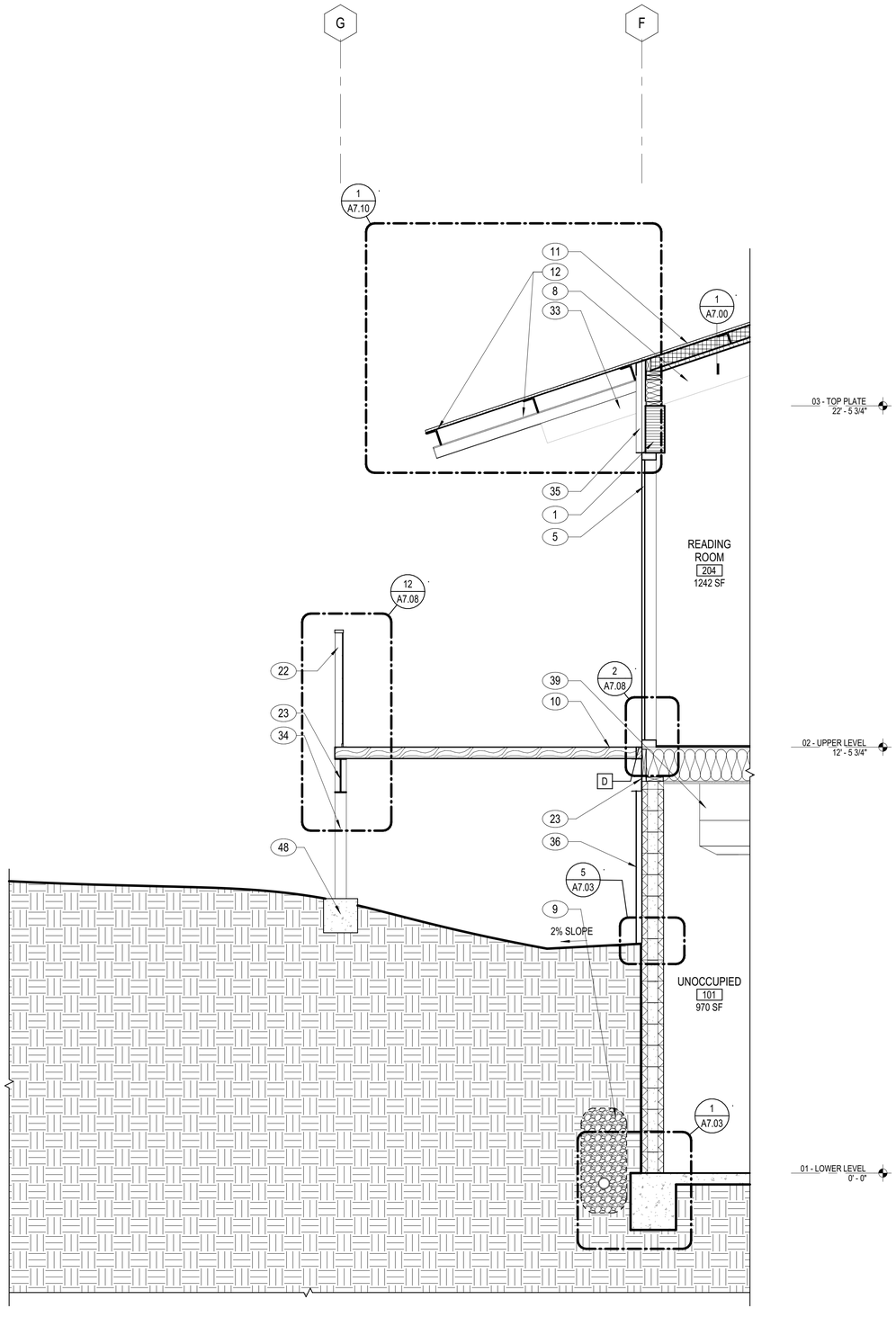
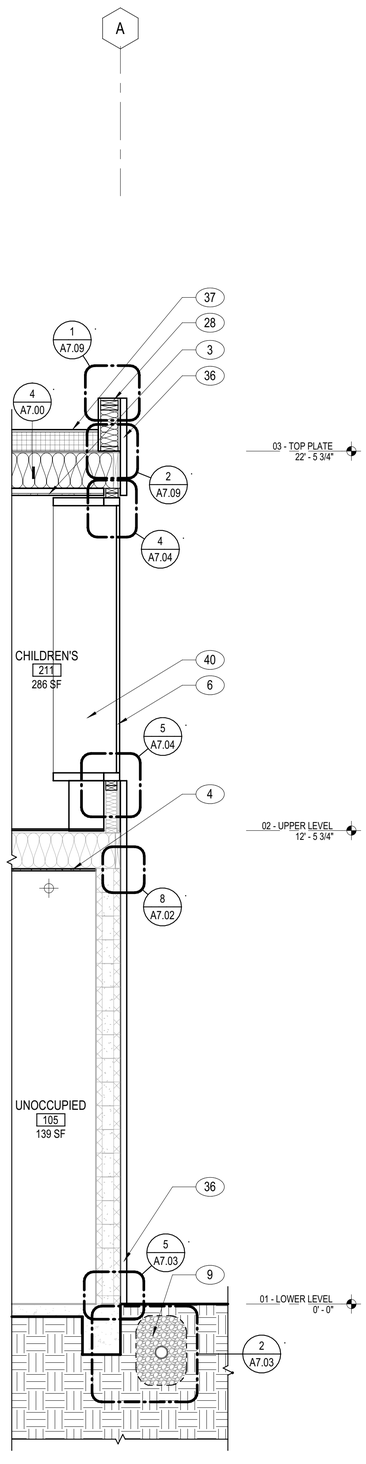


2 A6.00 WALL SECTION - SOUTH GLASS WALL - BID ALT 1
1/2" = 1'-0"



1 A6.00 WALL SECTION - NORTH @ CHILDRENS
1/2" = 1'-0"

GENERAL NOTES

1. SSD, SED, SMD, SPD, SCD FOR ADITIONAL INFORMATION

KEY NOTES

1. (N) GLB, SSD
2. (N) ACT CEILING
3. (N) FRAMED GWB CEILING
4. (E) GWB CLG TO REMAIN
5. (N) PREFINISHED ALUMINUM STOREFRONT AND DOOR. LOWER LEVEL DOORS AND WINDOWS TO HAVE TRANSLUCENT FILM
6. (N) PREFINISHED ALUMINUM WINDOW
7. ALTERNATE 2 & 4 : FRAMELESS GLASS PARTITION WALL & DOOR
8. SANDBLASTED & REFINISHED (E) BEAM, TYP, SSD
9. (N) FRENCH DRAIN ALONG EXISTING FOOTING, SCD
10. BID ALT 1: (N) DECK, FIRE RETARDANT TREATED 4X4 IPE DECK OVER GALVANIZED PAINTED STEEL STRUCTURE, PT-3, SSD
11. CORRUGATED CORTEN ROOFING OVER NEW RIGID INSULATION
12. PTD GALV STL ROOF OUTRIGGER, PT3, SSD
13. (N) CONC SLAB, SSD
14. PTD WOOD SURROUND, WDV-1, PT-1
15. CORRUGATED CORTEN ROOFING EAVE OVER PTD GALV STL ROOF OUTRIGGER, SSD
16. (N) WOOD FRAMING AS REQUIRED
17. PREFINISHED GALVANIZED FLAT SEAM PANEL TO MATCH STOREFRONT
18. (N) CONCRETE PAVING, SCD
19. (E) CMU WALL, SSD
20. (N) CMU WALL, SSD
21. (N) INFILTRATION BASIN W/ (N) NATIVE LANDSCAPE, CONNECT TO FRENCH DRAINS, SCD
22. BID ALT 1 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
23. BID ALT 1 & 3 : PTD STL BEAM, PT-3, SSD
24. CORTEN CORRUGATED SERVICE YARD FENCE AND PTD 3" STL. POST, PT-3
25. STABILIZED DECOMPOSED GRANITE, SCD
26. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE, SCD
27. (N) CONCRETE STEM WALL WITH WATERPROOFING, SSD
28. (N) ROOF CURB W/ PREFINISHED GALV FLASHING & CAP
29. (N) CMU LINTEL, SSD
30. (N) HEADER, SSD
31. REPOSITIONED SANDBLASTED & REFINISHED (E) GLULAM BEAM, SSD
32. (N) CONC RETAINING WALL, SSD
33. SANDBLASTED & REFINISHED (E) BEAM, PT-3, SSD
34. BID ALT 1 & 3 : PTD STL SUPPORT, PT-3, SSD
35. PREFINISHED 18 GA. ALUM SHEET METAL PANEL TO MATCH STOREFRONT
36. CORRUGATED CORTEN SIDING OVER (N) WEATHER BARRIER
37. (N) PVC ROOFING OVER COVERBOARD AND RIGID INSULATION
38. FLOOR DIFFUSER, SMD, TYP
39. (N) MECHANICAL DUCT, SMD, TYP
40. BUILT-IN CASEWORK, SEE CASEWORK ELEVATIONS & DETAILS
41. (N) SOFFIT, SSD
43. HIGH/LOW DRINKING FOUNTAIN, SPD
45. BID ALT 3 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
46. BID ALT 3 : PTD STL BEAM, PT-3, SSD
47. BID ALT 3 : PTD STL SUPPORT, PT-3, SSD
48. BID ALT 1 & 3 : CONC FOOTING, SSD
49. BID ALT 3 : CONC FOOTING, SSD

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
WALL SECTIONS

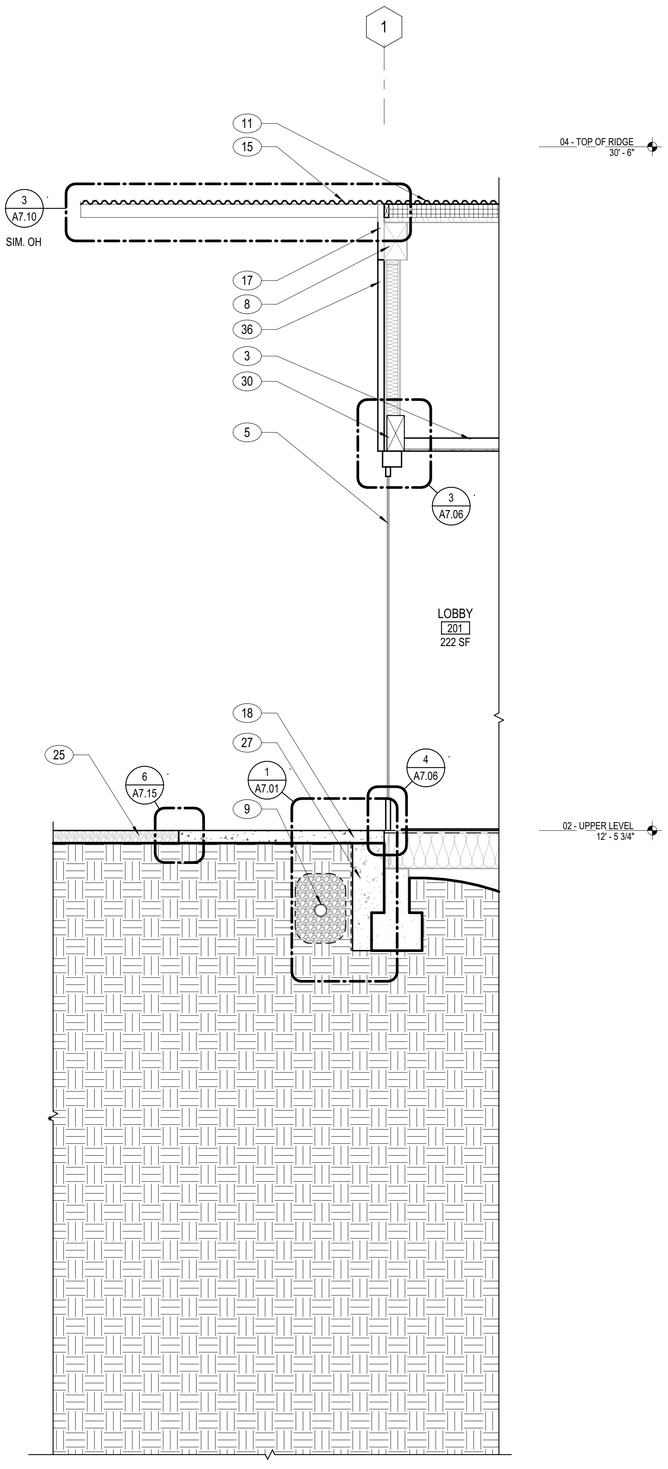
REVISIONS

NO.	DATE	DESCRIPTION

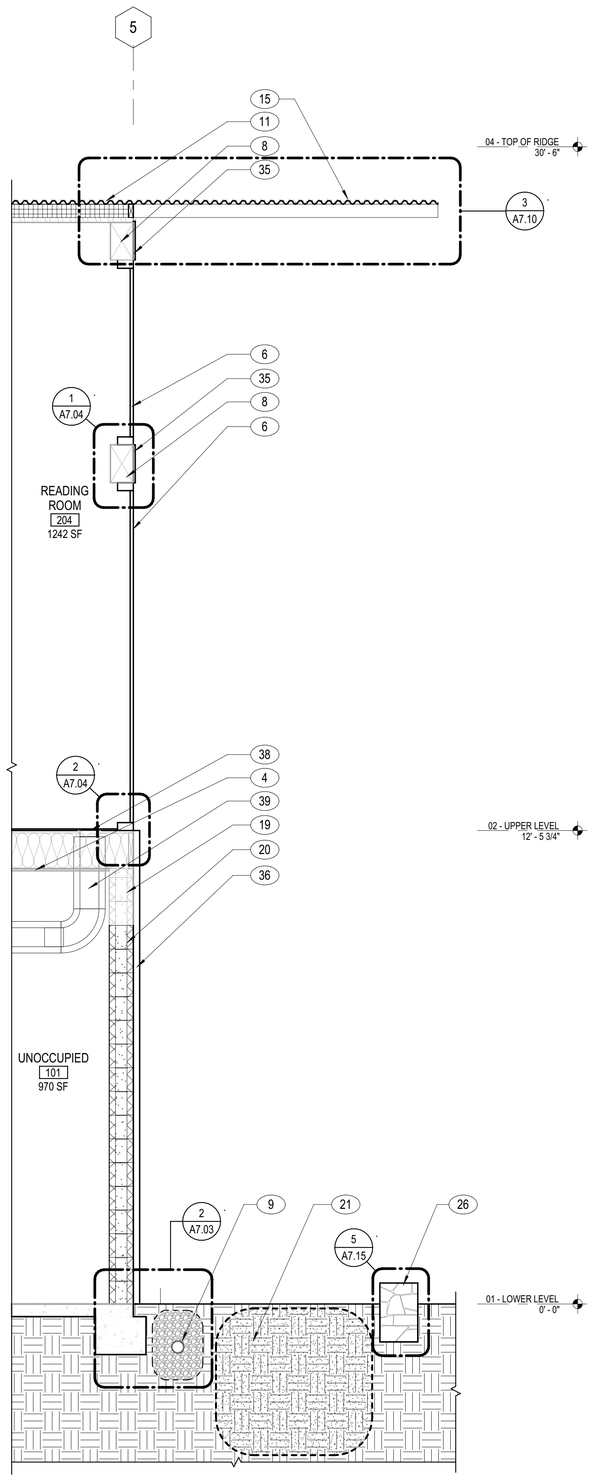
County of Madera – CED Building Division – Plans Approved under the California Building Codes
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03.06.2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER A6.00

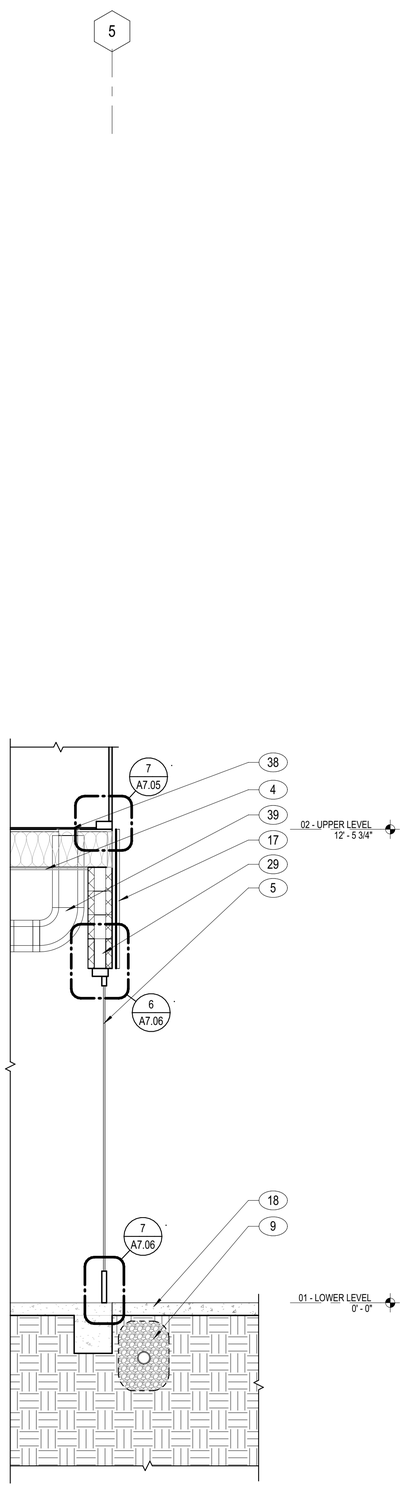
3/6/2026 4:48:39 PM



3 WALL SECTION - WEST ENTRY
A6.01 1/2" = 1'-0"



4 WALL SECTION - EAST FACADE
A6.01 1/2" = 1'-0"



1 WALL SECTION - EAST ENTRY
A6.01 1/2" = 1'-0"

GENERAL NOTES

1. SSD, SED, SMD, SPD, SCD FOR ADITIONAL INFORMATION

KEY NOTES

1. (N) GLB, SSD
2. (N) ACT CEILING
3. (N) FRAMED GWB CEILING
4. (E) GWB CLG TO REMAIN
5. (N) PREFINISHED ALUMINUM STOREFRONT AND DOOR. LOWER LEVEL DOORS AND WINDOWS TO HAVE TRANSLUCENT FILM
6. (N) PREFINISHED ALUMINUM WINDOW
7. ALTERNATE 2 & 4 : FRAMELESS GLASS PARTITION WALL & DOOR
8. SANDBLASTED & REFINISHED (E) BEAM, TYP, SSD
9. (N) FRENCH DRAIN ALONG EXISTING FOOTING, SCD
10. BID ALT 1: (N) DECK, FIRE RETARDANT TREATED 4X4 IPE DECK OVER GALVANIZED PAINTED STEEL STRUCTURE, PT-3, SSD
11. CORRUGATED CORTEN ROOFING OVER NEW RIGID INSULATION
12. PTD GALV STL ROOF OUTRIGGER, PT3, SSD
13. (N) CONC SLAB, SSD
14. PTD WOOD SURROUND, WDV-1, PT-1
15. CORRUGATED CORTEN ROOFING EAVE OVER PTD GALV STL ROOF OUTRIGGER, SSD
16. (N) WOOD FRAMING AS REQUIRED
17. PREFINISHED GALVANIZED FLAT SEAM PANEL TO MATCH STOREFRONT
18. (N) CONCRETE PAVING, SCD
19. (E) CMU WALL, SSD
20. (N) CMU WALL, SSD
21. (N) INFILTRATION BASIN W/ (N) NATIVE LANDSCAPE, CONNECT TO FRENCH DRAINS, SCD
22. BID ALT 1 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
23. BID ALT 1 & 3 : PTD STL BEAM, PT-3, SSD
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25. STABILIZED DECOMPOSED GRANITE, SCD
26. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE, SCD
27. (N) CONCRETE STEM WALL WITH WATERPROOFING, SSD
28. (N) ROOF CURB W/ PREFINISHED GALV FLASHING & CAP
29. (N) CMU LINTEL, SSD
30. (N) HEADER, SSD
31. REPOSITIONED SANDBLASTED & REFINISHED (E) GLULAM BEAM, SSD
32. (N) CONC RETAINING WALL, SSD
33. SANDBLASTED & REFINISHED (E) BEAM, PT-3, SSD
34. BID ALT 1 & 3 : PTD STL SUPPORT, PT-3, SSD
35. PREFINISHED 18 GA. ALUM SHEET METAL PANEL TO MATCH STOREFRONT
36. CORRUGATED CORTEN SIDING OVER (N) WEATHER BARRIER
37. (N) PVC ROOFING OVER COVERBOARD AND RIGID INSULATION
38. FLOOR DIFFUSER, SMD, TYP
39. (N) MECHANICAL DUCT, SMD, TYP
40. BUILT-IN CASEWORK, SEE CASEWORK ELEVATIONS & DETAILS
41. (N) SOFFIT, SSD
43. HIGH/LOW DRINKING FOUNTAIN, SPD
45. BID ALT 3 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
46. BID ALT 3 : PTD STL BEAM, PT-3, SSD
47. BID ALT 3 : PTD STL SUPPORT, PT-3, SSD
48. BID ALT 1 & 3 : CONC FOOTING, SSD
49. BID ALT 3 : CONC FOOTING, SSD

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ABRAHAM JAYSON
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NO.	DATE	DESCRIPTION

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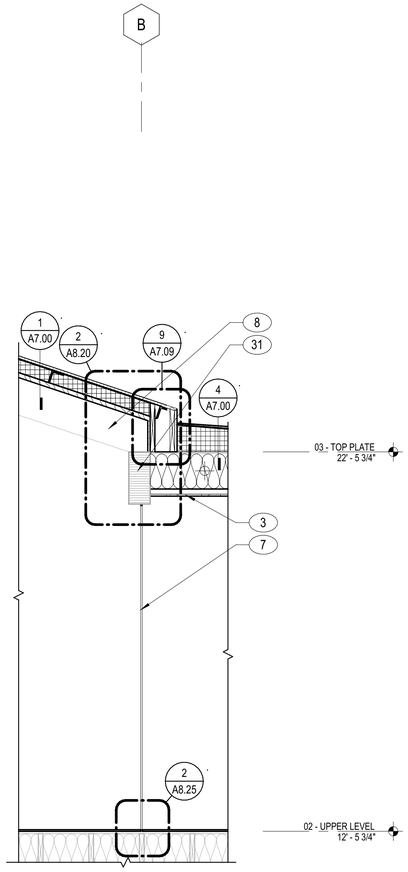
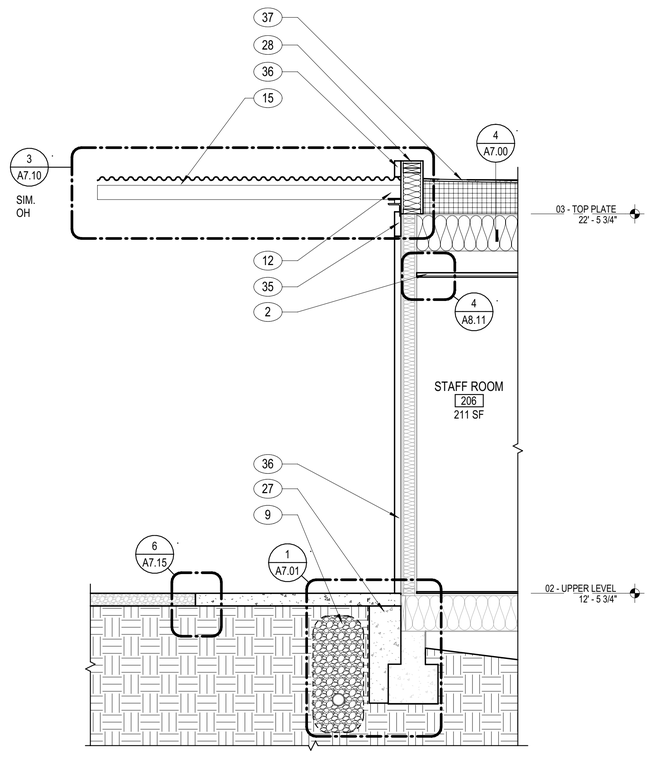
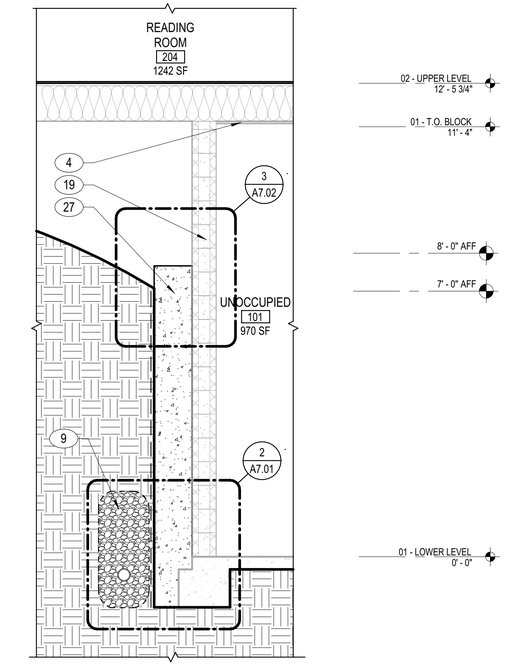


3 WALL SECTION - NORTH/SOUTH @ GLASS WALL
A6.02 1/2" = 1'-0"



2 WALL SECTION - EAST / WEST @ STAFF WINDOW
A6.02 1/2" = 1'-0"



1 WALL SECTION - EAST/WEST @ FOUNDATION
A6.02 1/2" = 1'-0"

GENERAL NOTES

1. SSD, SED, SMD, SPD, SCD FOR ADITIONAL INFORMATION

KEY NOTES

1. (N) GLB, SSD
2. (N) ACT CEILING
3. (N) FRAMED GWB CEILING
4. (E) GWB CLG TO REMAIN
5. (N) PREFINISHED ALUMINUM STOREFRONT AND DOOR. LOWER LEVEL DOORS AND WINDOWS TO HAVE TRANSLUCENT FILM
6. (N) PREFINISHED ALUMINUM WINDOW
7. ALTERNATE 2 & 4 : FRAMELESS GLASS PARTITION WALL & DOOR
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14. PTD WOOD SURROUND, WDV-1, PT-1
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17. PREFINISHED GALVANIZED FLAT SEAM PANEL TO MATCH STOREFRONT
18. (N) CONCRETE PAVING, SCD
19. (E) CMU WALL, SSD
20. (N) CMU WALL, SSD
21. (N) INFILTRATION BASIN W/ (N) NATIVE LANDSCAPE, CONNECT TO FRENCH DRAINS, SCD
22. BID ALT 1 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
23. BID ALT 1 & 3 : PTD STL BEAM, PT-3, SSD
24. CORTEN CORRUGATED SERVICE YARD FENCE AND PTD 3" STL. POST, PT-3
25. STABILIZED DECOMPOSED GRANITE, SCD
26. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE, SCD
27. (N) CONCRETE STEM WALL WITH WATERPROOFING, SSD
28. (N) ROOF CURB W/ PREFINISHED GALV FLASHING & CAP
29. (N) CMU LINTEL, SSD
30. (N) HEADER, SSD
31. REPOSITIONED SANDBLASTED & REFINISHED (E) GLULAM BEAM, SSD
32. (N) CONC RETAINING WALL, SSD
33. SANDBLASTED & REFINISHED (E) BEAM, PT-3, SSD
34. BID ALT 1 & 3 : PTD STL SUPPORT, PT-3, SSD
35. PREFINISHED 18 GA. ALUM SHEET METAL PANEL TO MATCH STOREFRONT
36. CORRUGATED CORTEN SIDING OVER (N) WEATHER BARRIER
37. (N) PVC ROOFING OVER COVERBOARD AND RIGID INSULATION
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40. BUILT-IN CASEWORK, SEE CASEWORK ELEVATIONS & DETAILS
41. (N) SOFFIT, SSD
43. HIGH/LOW DRINKING FOUNTAIN, SPD
45. BID ALT 3 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
46. BID ALT 3 : PTD STL BEAM, PT-3, SSD
47. BID ALT 3 : PTD STL SUPPORT, PT-3, SSD
48. BID ALT 1 & 3 : CONC FOOTING, SSD
49. BID ALT 3 : CONC FOOTING, SSD

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LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
WALL SECTIONS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Codes
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER A6.02

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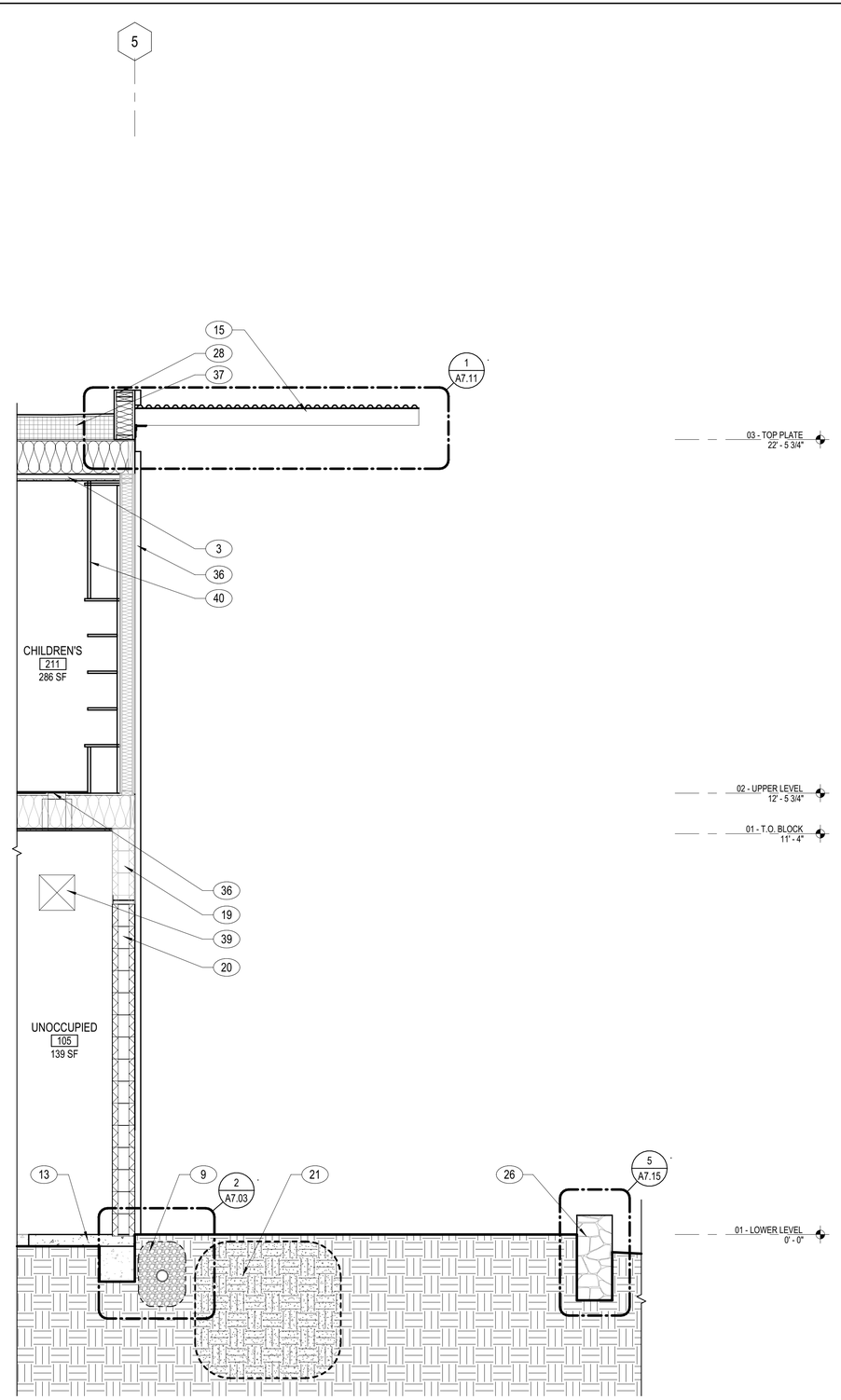
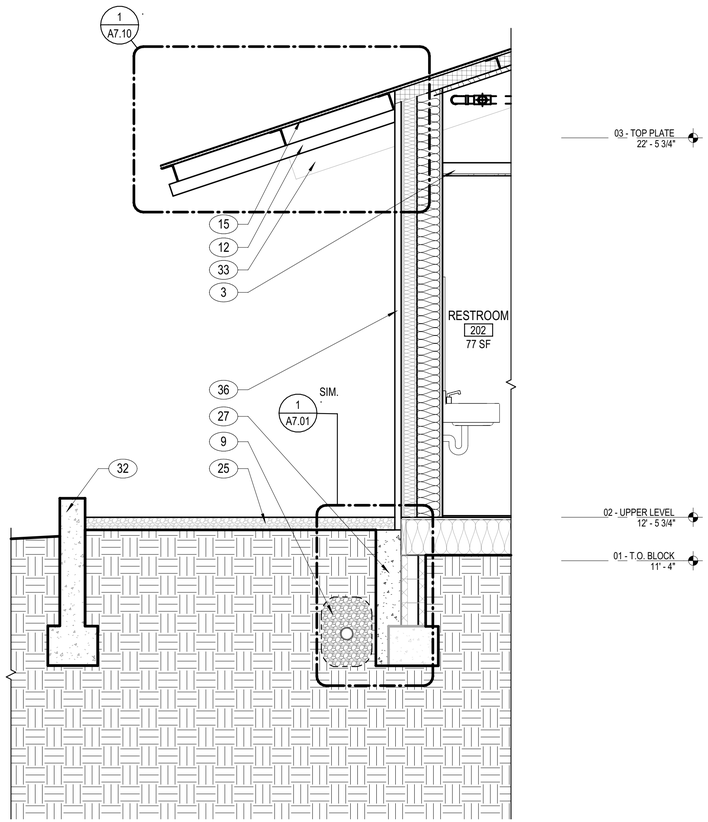


2 A6.03 WALL SECTION - EAST @ CHILDRENS
1/2" = 1'-0"



1 A6.03 WALL SECTION - SOUTH @ DG PATH
1/2" = 1'-0"

GENERAL NOTES

1. SSD, SED, SMD, SPD, SCD FOR ADITIONAL INFORMATION

KEY NOTES

1. (N) GLB, SSD
2. (N) ACT CEILING
3. (N) FRAMED GWB CEILING
4. (E) GWB CLG TO REMAIN
5. (N) PREFINISHED ALUMINUM STOREFRONT AND DOOR. LOWER LEVEL DOORS AND WINDOWS TO HAVE TRANSLUCENT FILM
6. (N) PREFINISHED ALUMINUM WINDOW
7. ALTERNATE 2 & 4 : FRAMELESS GLASS PARTITION WALL & DOOR
8. SANDBLASTED & REFINISHED (E) BEAM, TYP, SSD
9. (N) FRENCH DRAIN ALONG EXISTING FOOTING, SCD
10. BID ALT 1: (N) DECK, FIRE RETARDANT TREATED 4X4 IPE DECK OVER GALVANIZED PAINTED STEEL STRUCTURE, PT-3, SSD
11. CORRUGATED CORTEN ROOFING OVER NEW RIGID INSULATION
12. PTD GALV STL ROOF OUTRIGGER, PT3, SSD
13. (N) CONC SLAB, SSD
14. PTD WOOD SURROUND, WDV-1, PT-1
15. CORRUGATED CORTEN ROOFING EAVE OVER PTD GALV STL ROOF OUTRIGGER, SSD
16. (N) WOOD FRAMING AS REQUIRED
17. PREFINISHED GALVANIZED FLAT SEAM PANEL TO MATCH STOREFRONT
18. (N) CONCRETE PAVING, SCD
19. (E) CMU WALL, SSD
20. (N) CMU WALL, SSD
21. (N) INFILTRATION BASIN W/ (N) NATIVE LANDSCAPE, CONNECT TO FRENCH DRAINS, SCD
22. BID ALT 1 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
23. BID ALT 1 & 3 : PTD STL BEAM, PT-3, SSD
24. CORTEN CORRUGATED SERVICE YARD FENCE AND PTD 3" STL. POST, PT-3
25. STABILIZED DECOMPOSED GRANITE, SCD
26. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE, SCD
27. (N) CONCRETE STEM WALL WITH WATERPROOFING, SSD
28. (N) ROOF CURB W/ PREFINISHED GALV FLASHING & CAP
29. (N) CMU LINTEL, SSD
30. (N) HEADER, SSD
31. REPOSITIONED SANDBLASTED & REFINISHED (E) GLULAM BEAM, SSD
32. (N) CONC RETAINING WALL, SSD
33. SANDBLASTED & REFINISHED (E) BEAM, PT-3, SSD
34. BID ALT 1 & 3 : PTD STL SUPPORT, PT-3, SSD
35. PREFINISHED 18 GA. ALUM SHEET METAL PANEL TO MATCH STOREFRONT
36. CORRUGATED CORTEN SIDING OVER (N) WEATHER BARRIER
37. (N) PVC ROOFING OVER COVERBOARD AND RIGID INSULATION
38. FLOOR DIFFUSER, SMD, TYP
39. (N) MECHANICAL DUCT, SMD, TYP
40. BUILT-IN CASEWORK, SEE CASEWORK ELEVATIONS & DETAILS
41. (N) SOFFIT, SSD
43. HIGH/LOW DRINKING FOUNTAIN, SPD
45. BID ALT 3 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
46. BID ALT 3 : PTD STL BEAM, PT-3, SSD
47. BID ALT 3 : PTD STL SUPPORT, PT-3, SSD
48. BID ALT 1 & 3 : CONC FOOTING, SSD
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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
WALL SECTIONS

REVISIONS		
NO.	DATE	DESCRIPTION
1	01/16/2026	PC1

County of Madera – CED Building Division – Safety Plans Approved under the California Building Code – Structural Building Codes
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2024-01
SHEET NUMBER	A6.03

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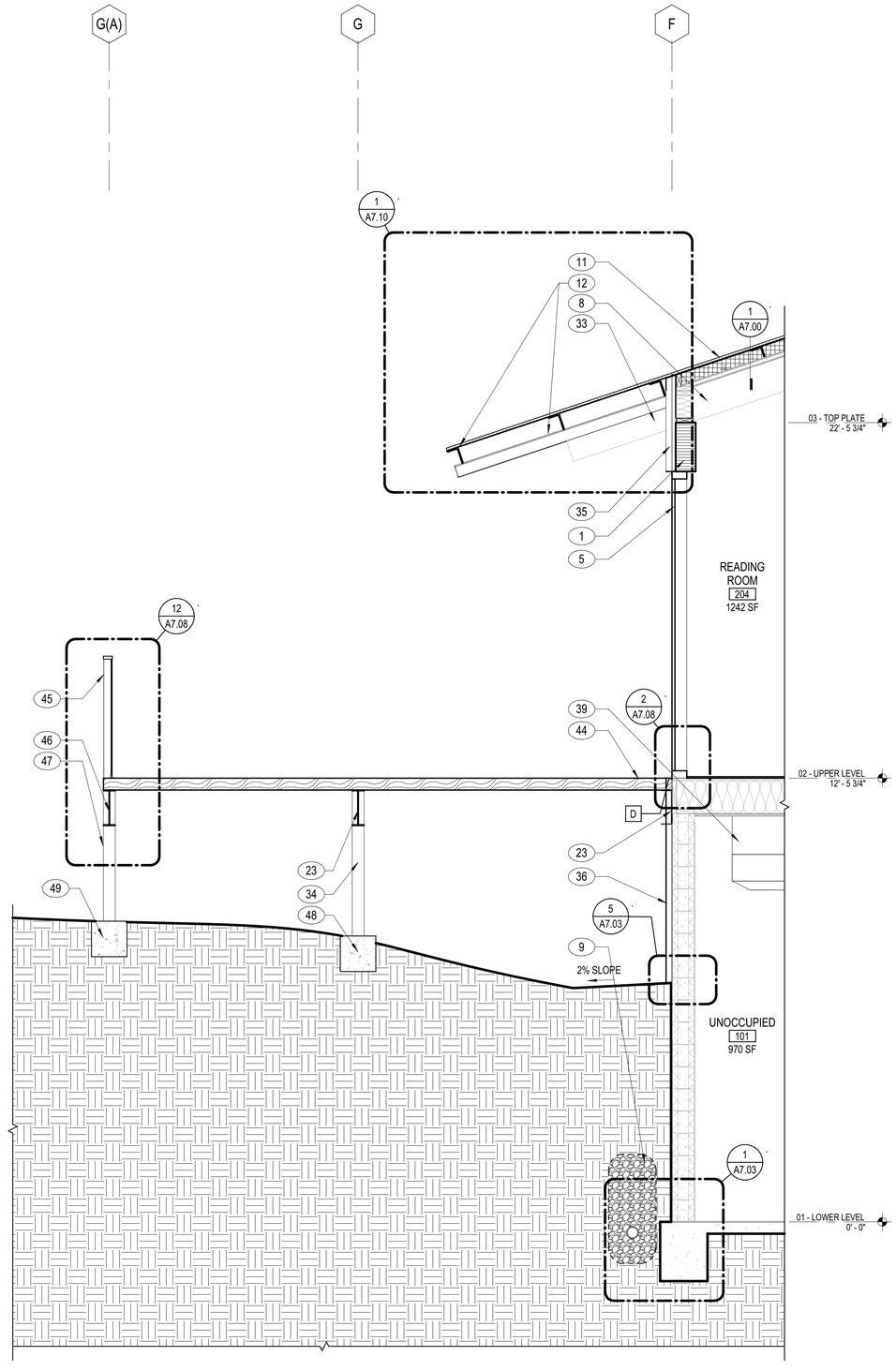
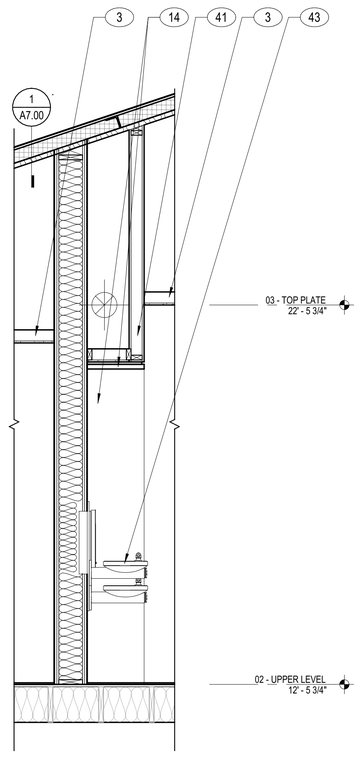
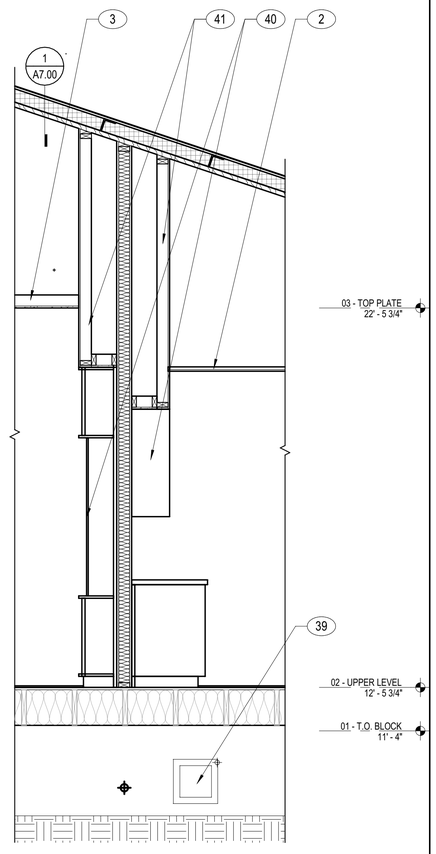


3 A6.04 WALL SECTION - SOUTH GLASS WALL - BID ALT 3
1/2" = 1'-0"



2 A6.04 WALL SECTION - EAST/WEST @ WF NICHE
1/2" = 1'-0"



1 A6.04 WALL SECTION - EAST/WEST @ LOBBY CASEWORK
1/2" = 1'-0"

GENERAL NOTES

1. SSD, SED, SMD, SPD, SCD FOR ADITIONAL INFORMATION

KEY NOTES

1. (N) GLB, SSD
2. (N) ACT CEILING
3. (N) FRAMED GWB CEILING
4. (E) GWB CLG TO REMAIN
5. (N) PREFINISHED ALUMINUM STOREFRONT AND DOOR. LOWER LEVEL DOORS AND WINDOWS TO HAVE TRANSLUCENT FILM
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23. BID ALT 1 & 3 : PTD STL BEAM, PT-3, SSD
24. CORTEN CORRUGATED SERVICE YARD FENCE AND PTD 3" STL. POST, PT-3
25. STABILIZED DECOMPOSED GRANITE, SCD
26. (N) STONE RETAINING WALL FROM SALVAGED (E) STONE, SCD
27. (N) CONCRETE STEM WALL WITH WATERPROOFING, SSD
28. (N) ROOF CURB W/ PREFINISHED GALV FLASHING & CAP
29. (N) CMU LINTEL, SSD
30. (N) HEADER, SSD
31. REPOSITIONED SANDBLASTED & REFINISHED (E) GLULAM BEAM, SSD
32. (N) CONC RETAINING WALL, SSD
33. SANDBLASTED & REFINISHED (E) BEAM, PT-3, SSD
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37. (N) PVC ROOFING OVER COVERBOARD AND RIGID INSULATION
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39. (N) MECHANICAL DUCT, SMD, TYP
40. BUILT-IN CASEWORK, SEE CASEWORK ELEVATIONS & DETAILS
41. (N) SOFFIT, SSD
43. HIGH/LOW DRINKING FOUNTAIN, SPD
45. BID ALT 3 : GALVANIZED PAINTED STEEL GUARDRAIL, PT-3
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No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
WALL SECTIONS

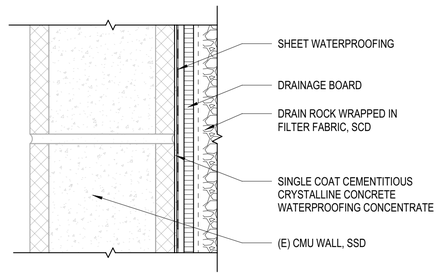
REVISIONS

NO.	DATE	DESCRIPTION
1	01/16/2026	PC1

County of Madera – CED Building Division – Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

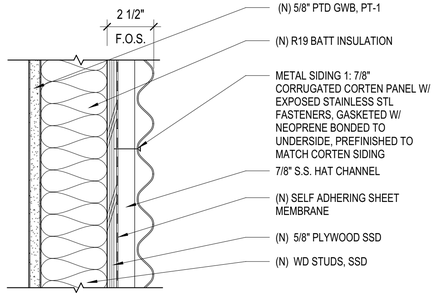
DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER
A6.04

3/6/2026 4:48:49 PM



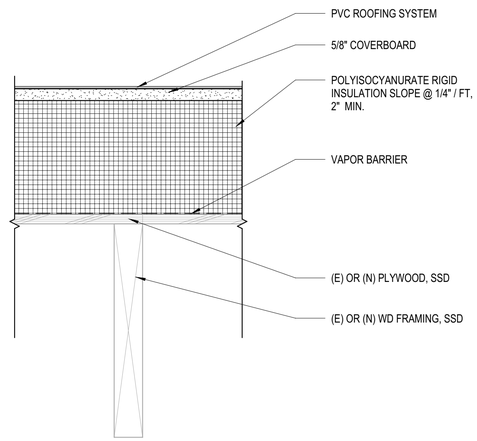
NOTE: (E) CONCRETE WALL TO BE FREE OF ALL (E) WATERPROOFING, MASTIC MATERIALS

10 A7.00 F-TYPICAL SUB GRADE CMU WALL
3" = 1'-0"

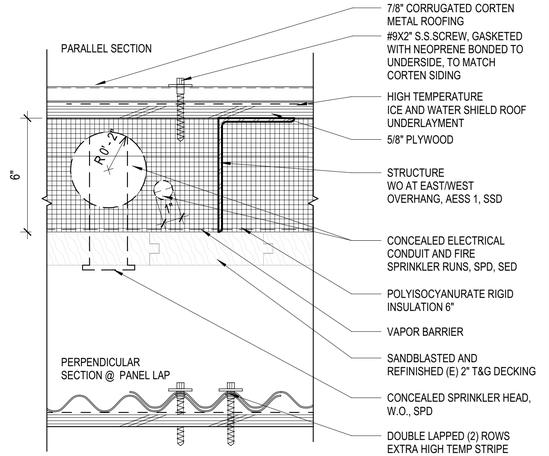


PLAN VIEW

7 A7.00 C-TYPICAL (N) EXT STUD WALL W/ METAL SIDING 1
3" = 1'-0"



4 A7.00 R2 PVC ROOF
3" = 1'-0"



1 A7.00 R1 METAL ROOF
3" = 1'-0"

11 A7.00 G-TYP (N) CMU WALL W/ (N) METAL SIDING 1
3" = 1'-0"

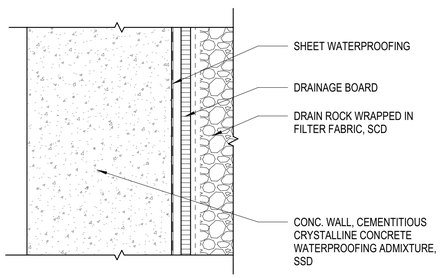
PLAN VIEW

8 A7.00 D-TYPICAL (N) EXT STUD WALL W/ METAL SIDING 2
3" = 1'-0"

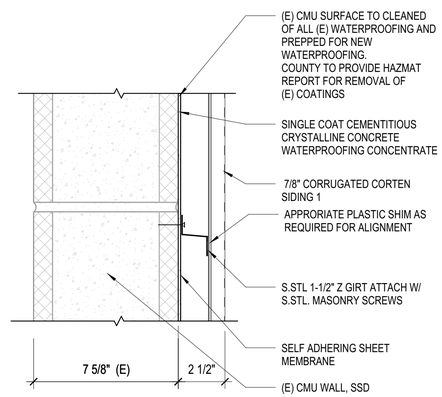
PLAN VIEW

5 A7.00 A-TYPICAL (E) EXT STUD WALL W/ METAL SIDING 1
3" = 1'-0"

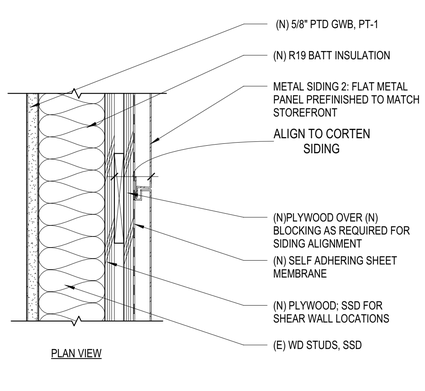
2 A7.00 R1A METAL ROOF @ EAVE
3" = 1'-0"



12 A7.00 J-TYPICAL SUB GRADE CONC WALL
3" = 1'-0"

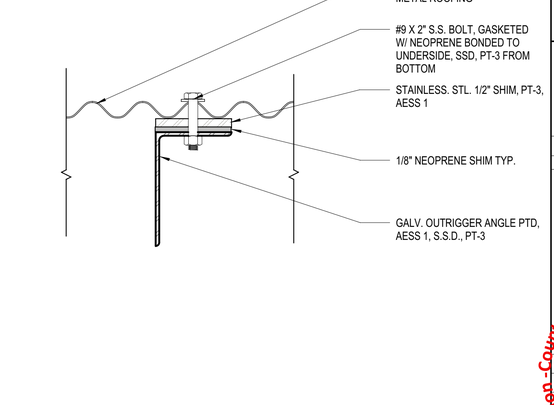


9 A7.00 E-TYP (E) CMU WALL W/ (N) METAL SIDING 1
3" = 1'-0"



PLAN VIEW

6 A7.00 B-TYPICAL (E) EXT STUD WALL W/ METAL SIDING 2
3" = 1'-0"



3 A7.00 R1B METAL ROOF @OVERHANG
3" = 1'-0"

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
TYPICAL EXTERIOR ASSEMBLIES

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Approved Plans
Date 03/17/26
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DATE 03/06/2026
SCALE 3" = 1'-0"
JOB NO. 2024-01
SHEET NUMBER **A7.00**

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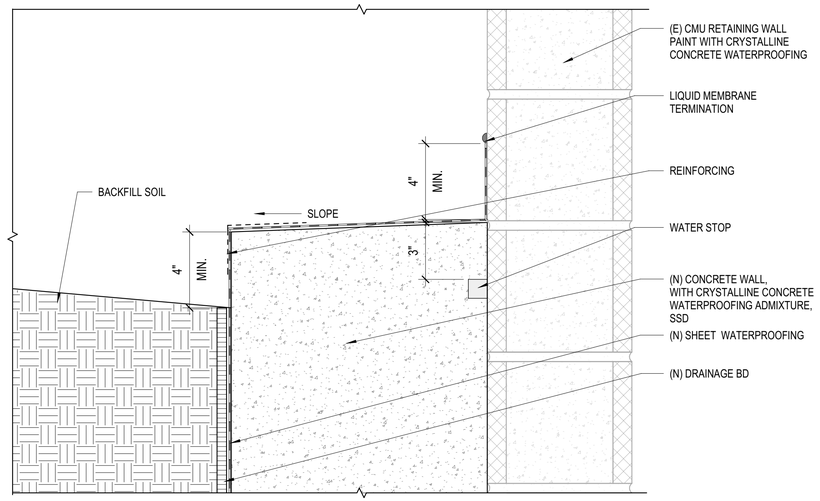
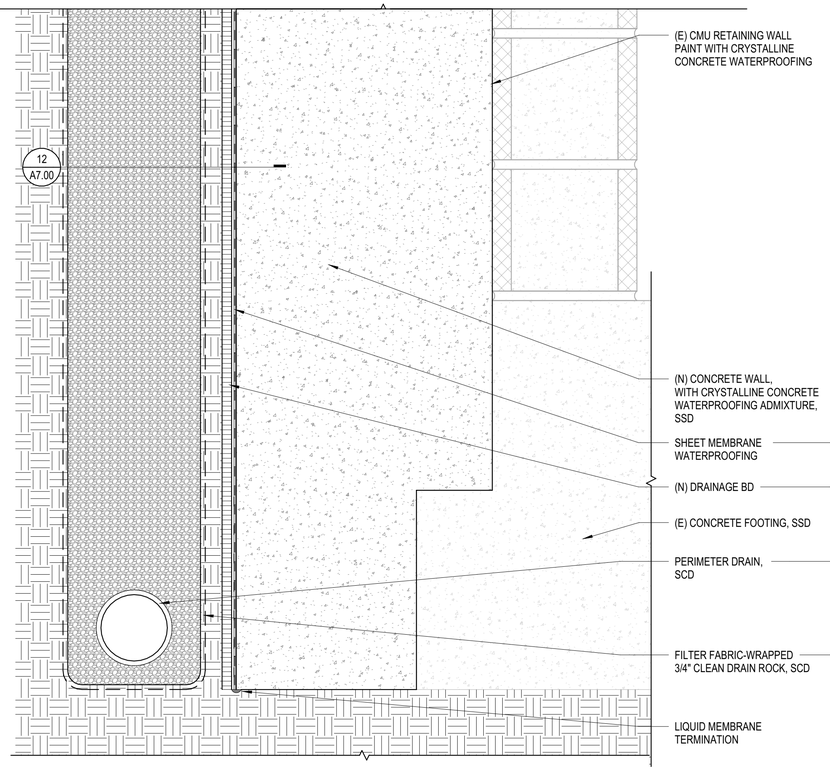
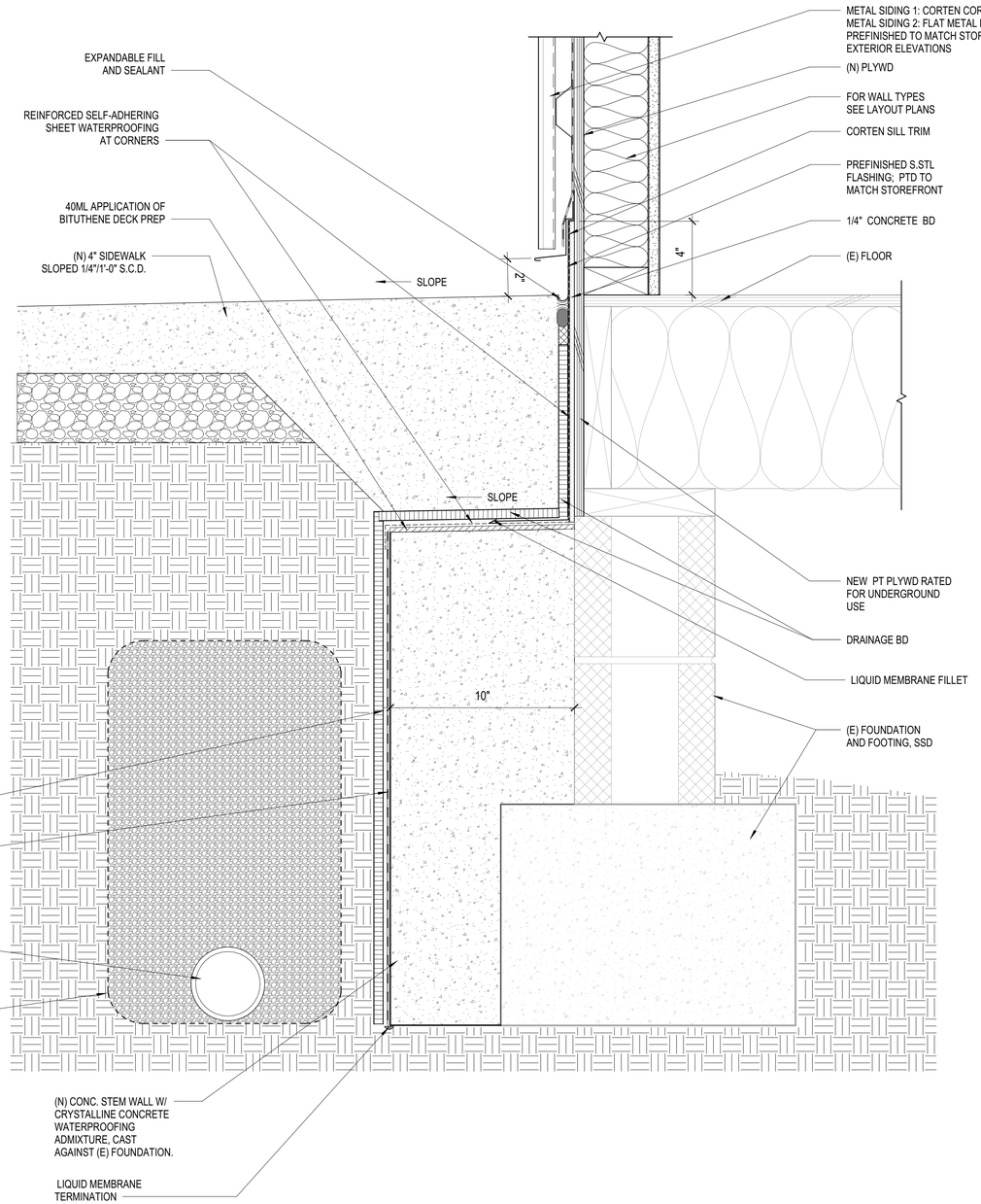


3 A7.01 LOWER LEVEL CONCRETE RETAINING WALL
3" = 1'-0"



2 A7.01 FRENCH DRAIN & FOOTING WATERPROOFING @ LOWER LEVEL CONCRETE RETAINING WALL
3" = 1'-0"



1 A7.01 SIDEWALK STEM WALL @ (E) FOUNDATIONS
3" = 1'-0"

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BID SET

SHEET TITLE
EXTERIOR DETAILS - FOUNDATION

REVISIONS

NO.	DATE	DESCRIPTION

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SCALE 3" = 1'-0"
JOB NO. 2024-01
SHEET NUMBER A7.01

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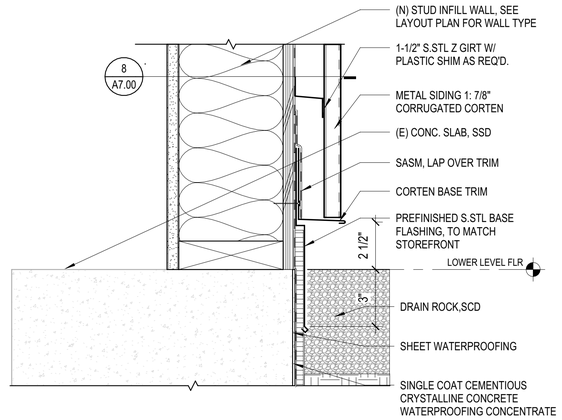
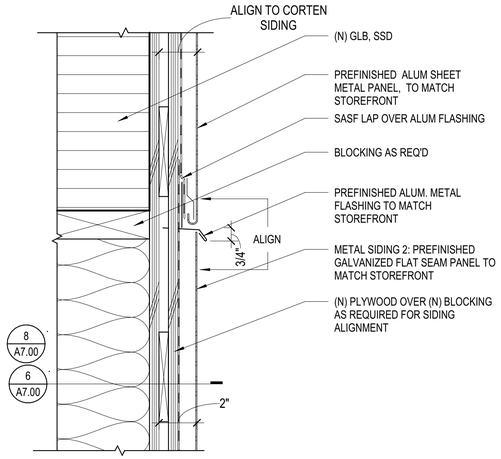
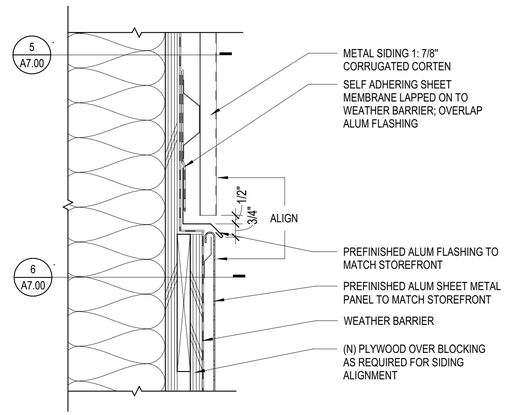


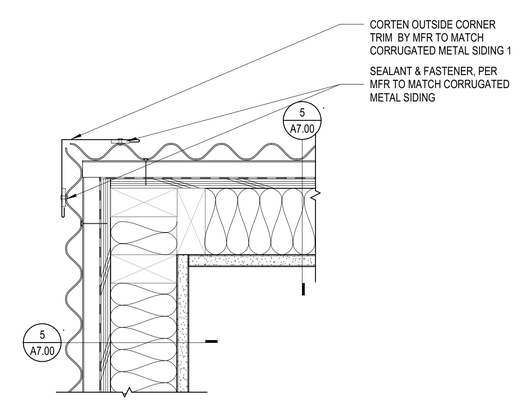
10 A7.02 METAL SIDING 1 @ GRADE-WD INFILL WALL
3" = 1'-0"



7 A7.02 EXTERIOR DETAIL - STEET METAL @ METAL SIDING 2
3" = 1'-0"

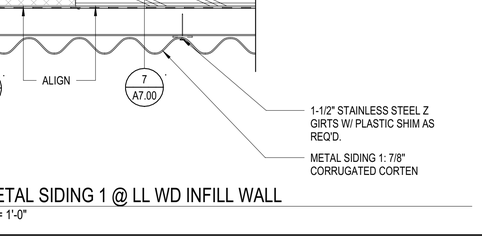


4 A7.02 BOOK DROP SHEET METAL @ METAL SIDING 1 - SECTION
3" = 1'-0"

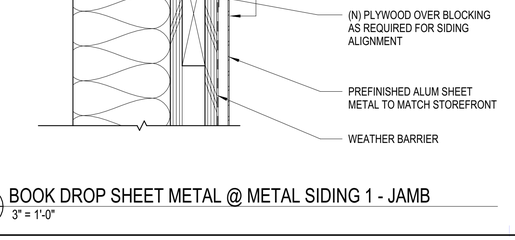


1 A7.02 TYPICAL METAL SIDING 1 - CORTEN CORNER
3" = 1'-0"

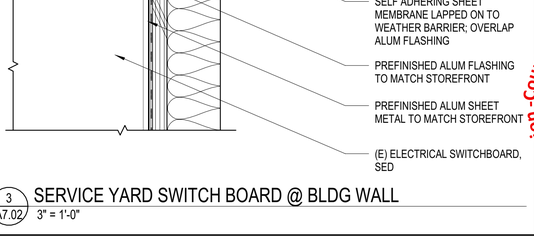
11 A7.02 METAL SIDING 1&2 @ VERTICAL SHEET PANEL - JAMB
3" = 1'-0"



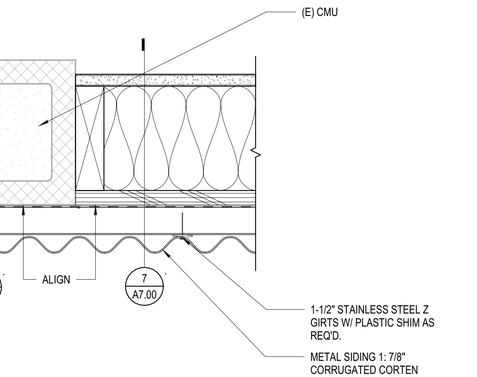
8 A7.02 MTL SIDING 1 @ (E) CMU & (E) WD FRAMING TRANSITION
3" = 1'-0"



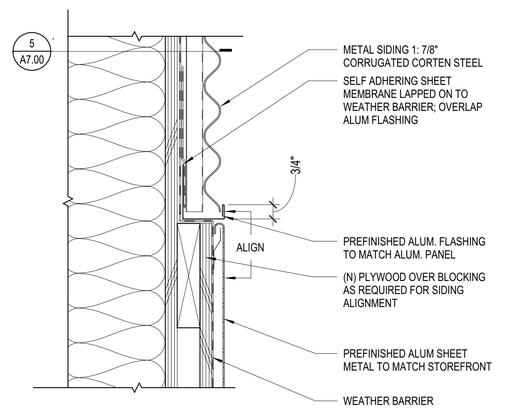
5 A7.02 BOOK RETURN - SILL/JAMB @ METAL SIDING 1
3" = 1'-0"



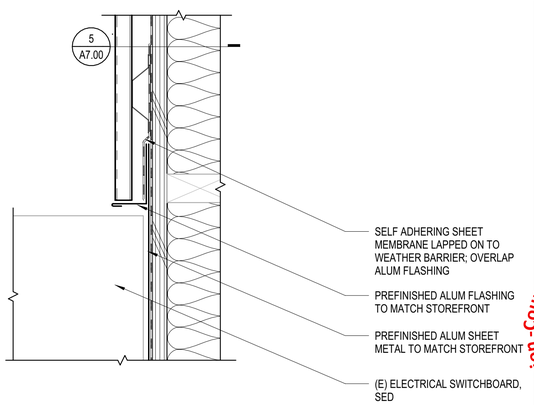
2 A7.02 METAL SIDING 2 @ METAL SIDING 1 CORTEN SIDING
3" = 1'-0"



9 A7.02 METAL SIDING 1 @ LL WD INFILL WALL
3" = 1'-0"



6 A7.02 BOOK DROP SHEET METAL @ METAL SIDING 1 - JAMB
3" = 1'-0"



3 A7.02 SERVICE YARD SWITCH BOARD @ BLDG WALL
3" = 1'-0"

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EXTERIOR DETAILS - WALL

REVISIONS

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JOB NO. 2024-01
SHEET NUMBER A7.02

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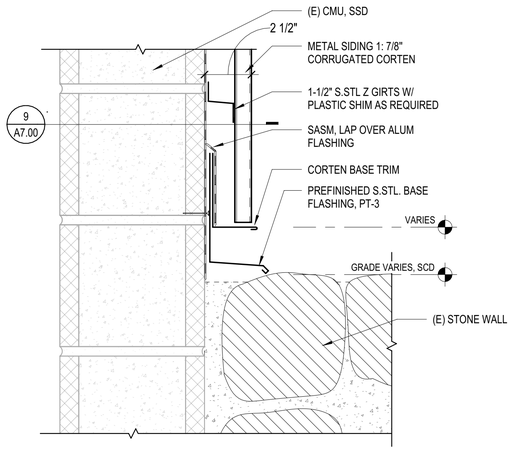
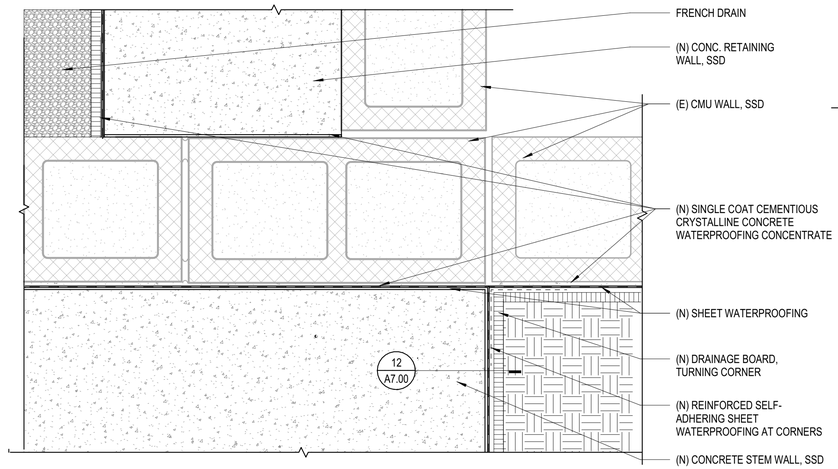
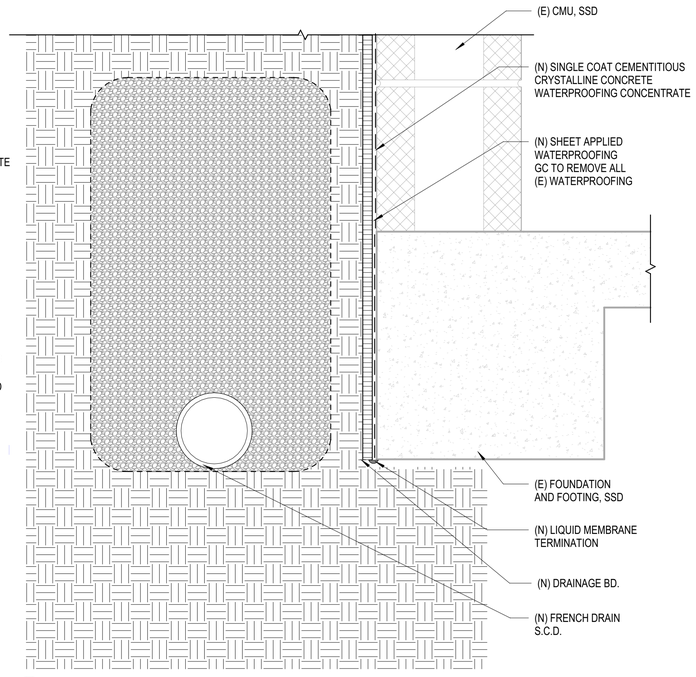


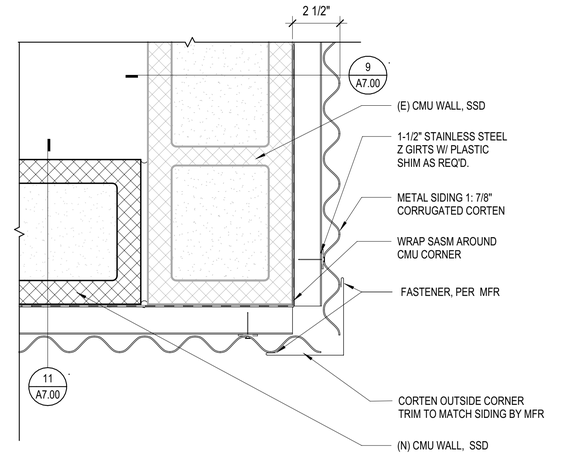
6 A7.03 METAL PANEL @ (E) STONE WALL
3" = 1'-0"



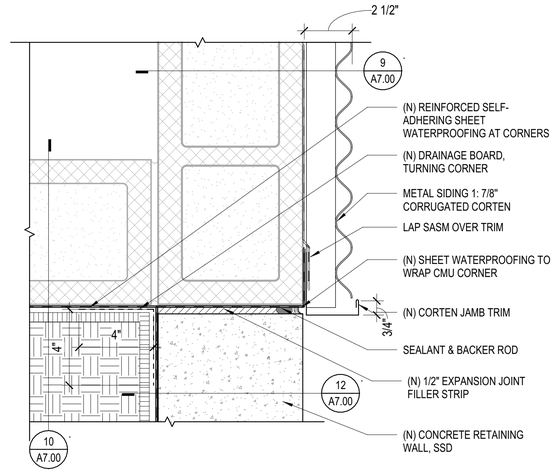
3 A7.03 CONC RETAINING WALL - LOWER LVL @ CMU WALL-PLAN
3" = 1'-0"



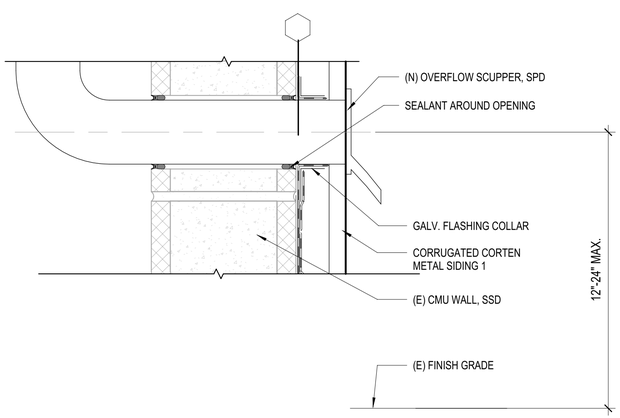
1 A7.03 FRENCH DRAIN @ (E) FOUNDATION-BELOW GRADE
3" = 1'-0"



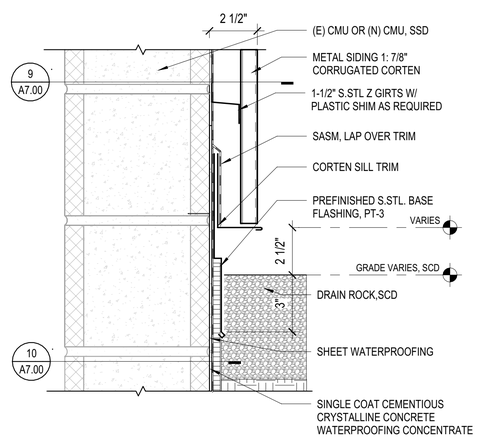
7 A7.03 METAL SIDING 1 CORNER @ CMU -PLAN
3" = 1'-0"



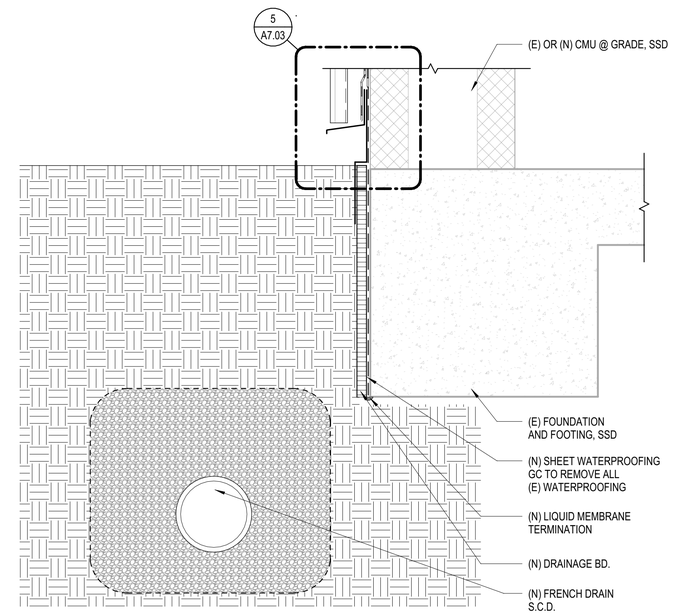
4 A7.03 CONC RETAINING WALL JAMB @ METAL SIDING 1-PLAN
3" = 1'-0"



8 A7.03 DRAIN @ METAL SIDING
3" = 1'-0"



5 A7.03 METAL SIDING 1 @ GRADE-CMU WALL
3" = 1'-0"



2 A7.03 FRENCH DRAIN @ (E) FOUNDATION-GRADE
3" = 1'-0"

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
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LICENSED ARCHITECT
ABRAHAM JAYSON
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BID SET

SHEET TITLE
EXTERIOR DETAILS - WALL

REVISIONS

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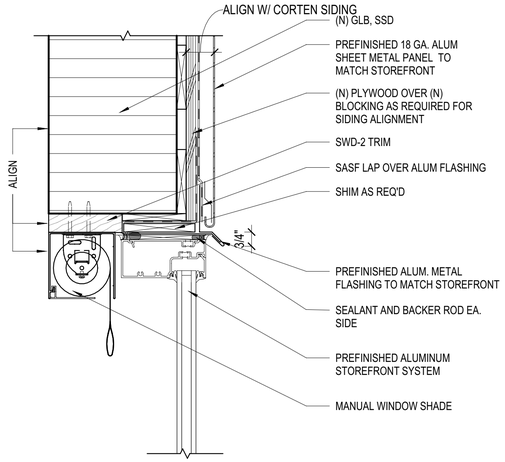
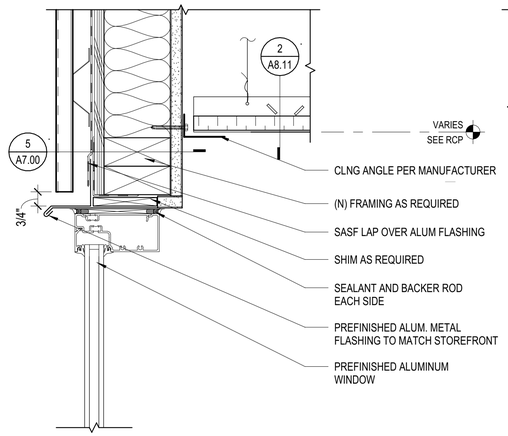
SCALE	3" = 1'-0"
JOB NO.	2024-01
SHEET NUMBER	A7.03

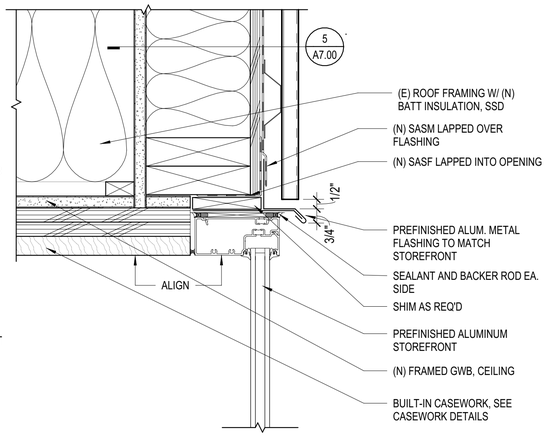
3/6/2026 4:48:51 PM



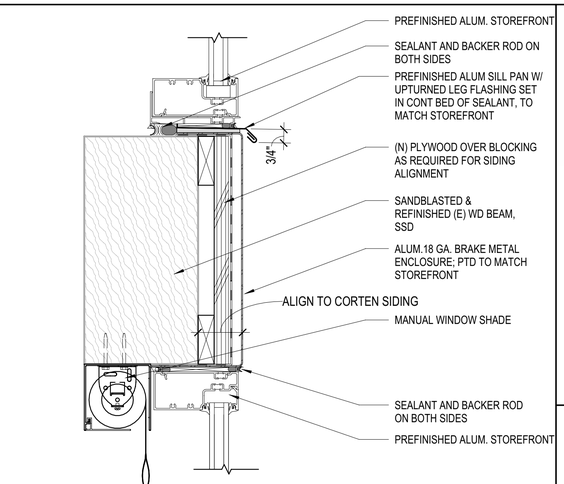
10 A7.04 EXTERIOR DETAIL - SOUTH GLAZING - HEAD
3" = 1'-0"



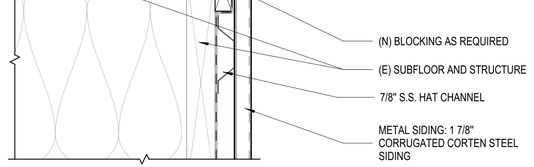
7 A7.04 ALUM. WINDOW HEAD @ STAFF
3" = 1'-0"



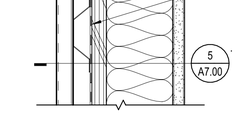
4 A7.04 ALUM. WINDOW HEAD @ CHILDRENS
3" = 1'-0"



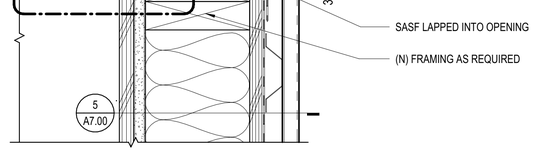
1 A7.04 ALUM. WINDOW HEAD & SILL @ (E) BEAM - EAST
3" = 1'-0"



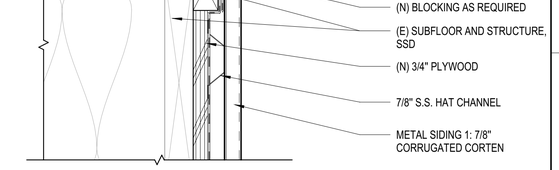
11 A7.04 ALUM. STOREFRONT SILL - SOUTH GLAZING
3" = 1'-0"



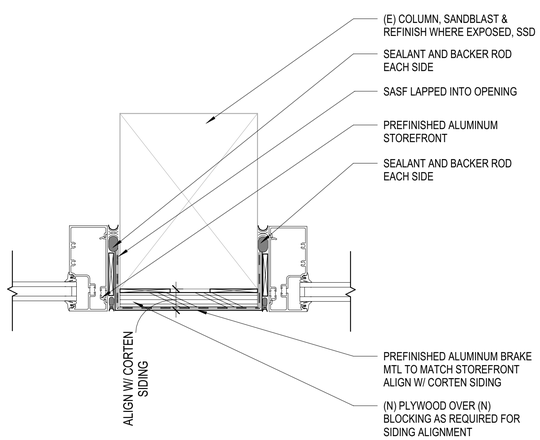
8 A7.04 ALUM. WINDOW SILL @ CORTEN STL PANEL
3" = 1'-0"



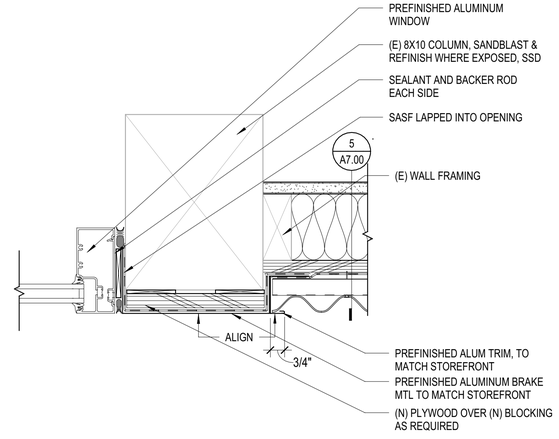
5 A7.04 ALUM. WINDOW SILL @ CHILDRENS
3" = 1'-0"



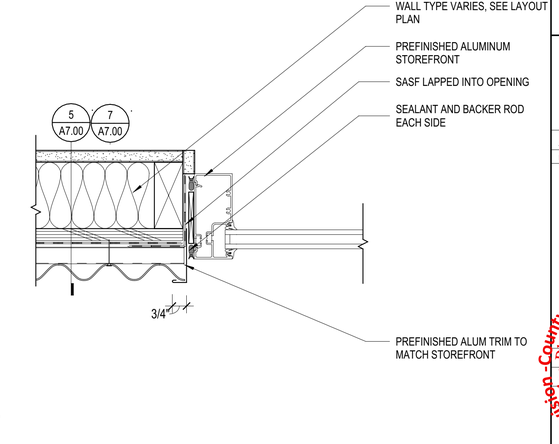
2 A7.04 ALUM. WINDOW SILL - EAST
3" = 1'-0"



9 A7.04 TYP ALUM. WINDOW @ COLUMN - JAMB
3" = 1'-0"



6 A7.04 ALUM. WINDOW @ COLUMN & MTL SIDING 1- JAMB
3" = 1'-0"



3 A7.04 ALUM. WINDOW SILL @ MTL SIDING 1 - JAMB
3" = 1'-0"

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
EXTERIOR DETAILS - WINDOW

REVISIONS

NO.	DATE	DESCRIPTION

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SCALE 3" = 1'-0"
JOB NO. 2024-01
SHEET NUMBER
A7.04

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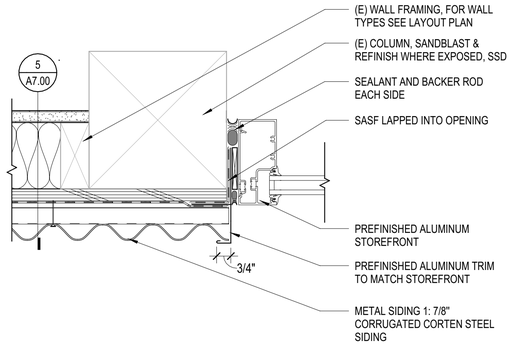
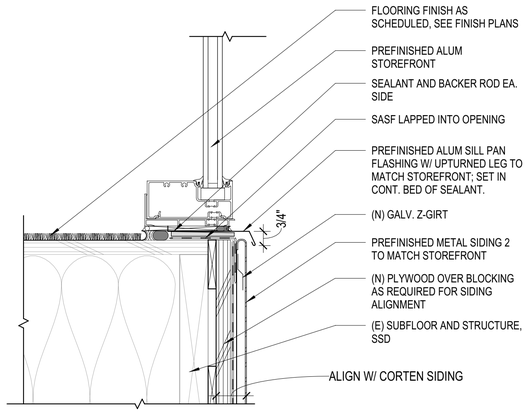
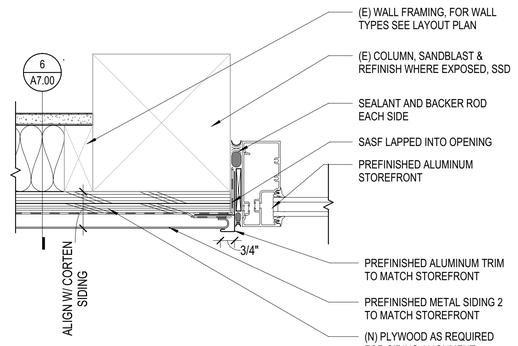


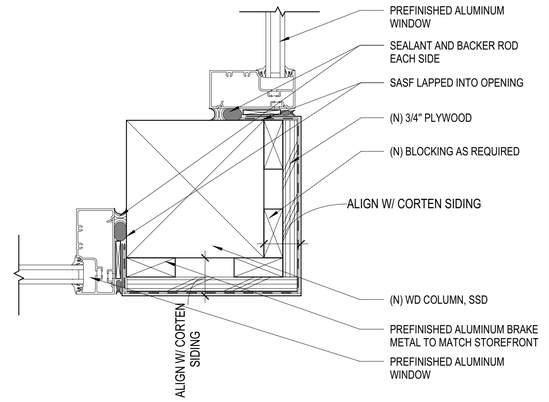
10 A7.05 ALUM. STOREFRONT @ (E) COLUMN & MLT SIDING 1 - JAMB
3" = 1'-0"



7 A7.05 ALUM. WINDOW @ MTL SIDING 2 - SILL
3" = 1'-0"

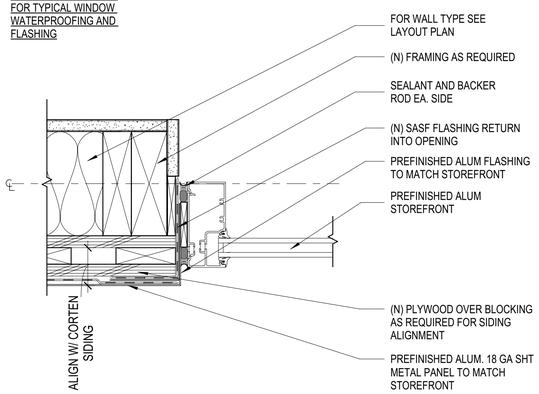


4 A7.05 ALUM. STOREFRONT @ (E) COLUMN & MLT SIDING 2 - JAMB
3" = 1'-0"

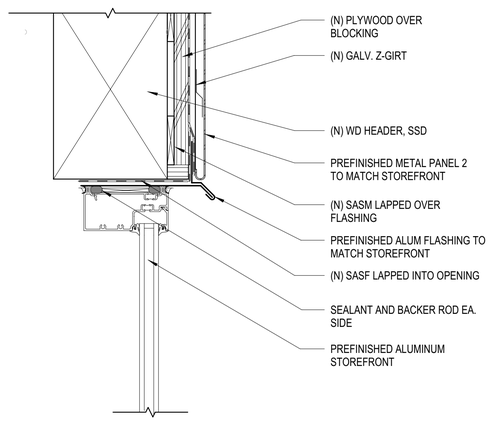


1 A7.05 ALUM. WINDOW @ CORNER COLUMN - JAMB
3" = 1'-0"

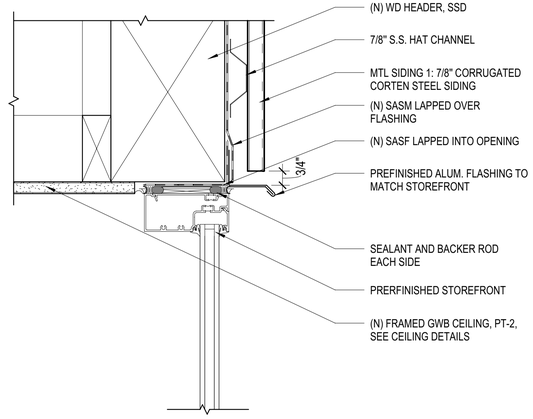
NOTE: REFER TO A7.00 FOR TYPICAL WINDOW WATERPROOFING AND FLASHING



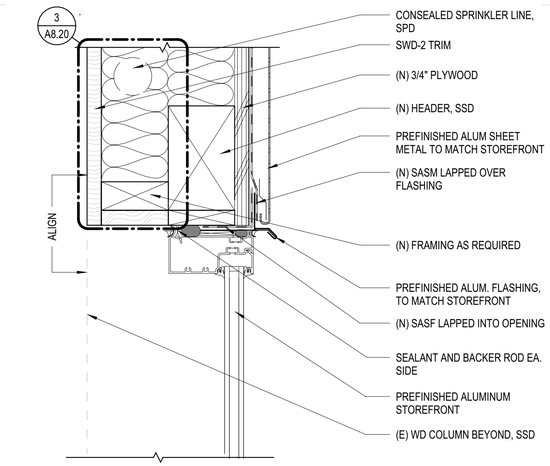
11 A7.05 ALUM STOREFRONT JAMB @ METAL PANEL
3" = 1'-0"



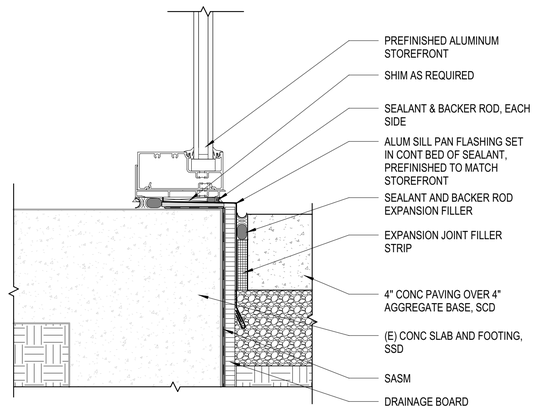
8 A7.05 ALUM. STOREFRONT HEAD @ LOWER LEVEL ENTRY
3" = 1'-0"



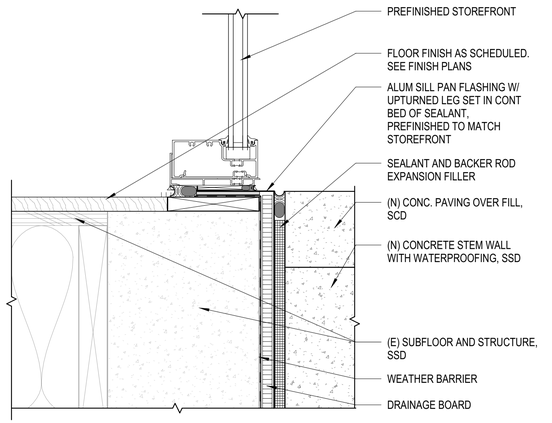
5 A7.05 ALUM. STOREFRONT HEAD @ WEST ENTRY
3" = 1'-0"



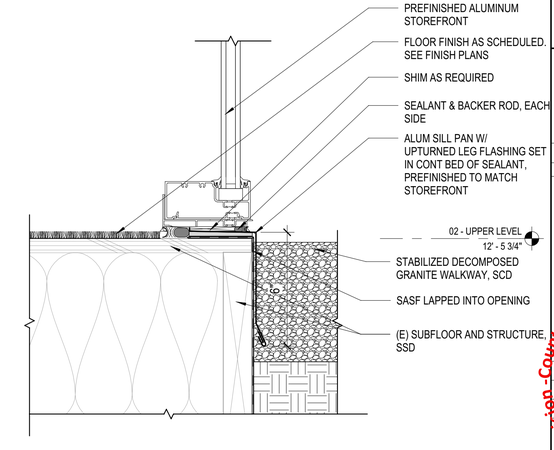
2 A7.05 ALUM. STOREFRONT HEAD @ SOUTH GLAZING
3" = 1'-0"



9 A7.05 ALUM. STOREFRONT SILL @ CONCRETE PAVING
3" = 1'-0"



6 A7.05 ALUM. STOREFRONT SILL @ WEST ENTRY
3" = 1'-0"



3 A7.05 ALUM. STOREFRONT @ DG WALKWAY - SILL
3" = 1'-0"

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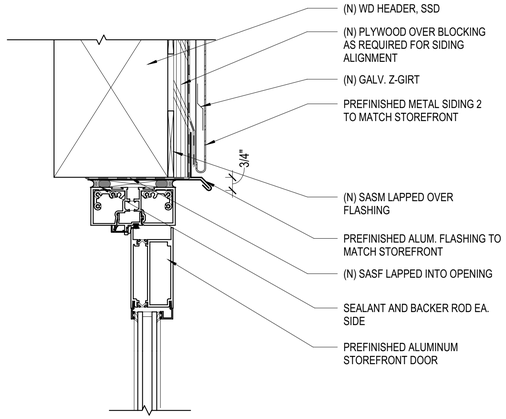
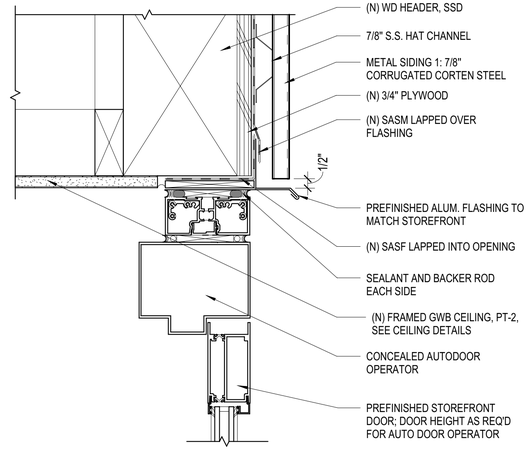
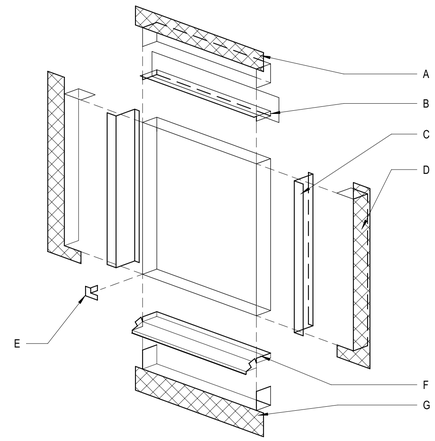
A7.05

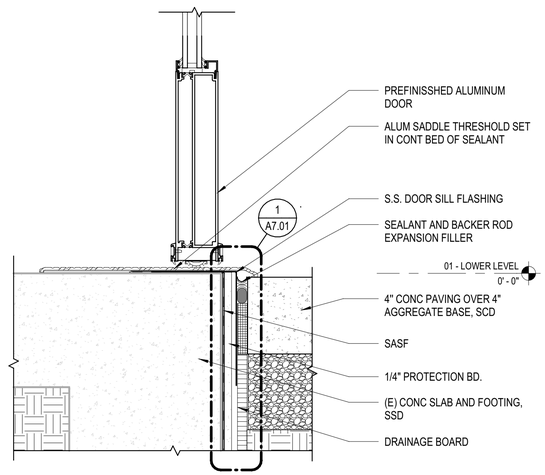


6 A7.06 ALUM. DOOR HEAD @ EAST ENTRY
3" = 1'-0"

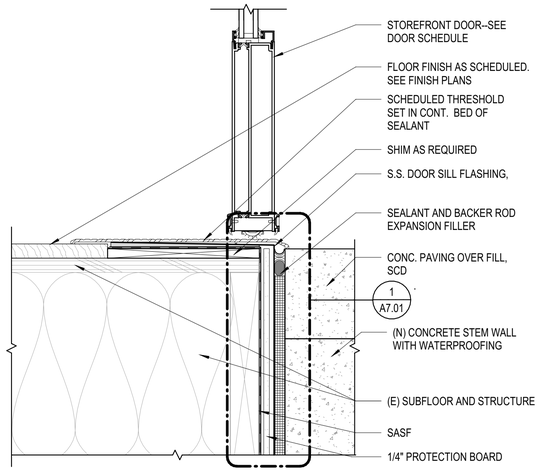


3 A7.06 ALUM. DOOR HEAD @ WEST ENTRY
3" = 1'-0"

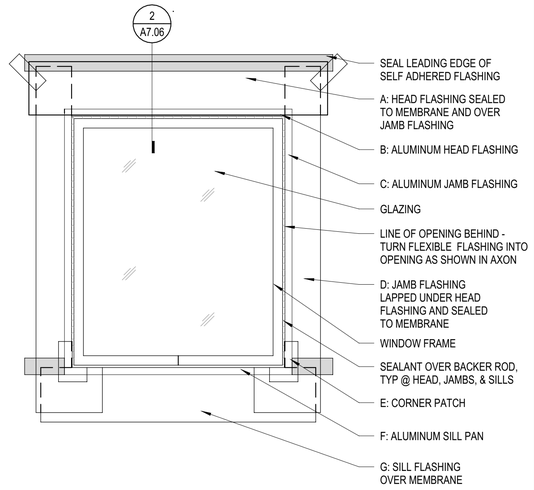




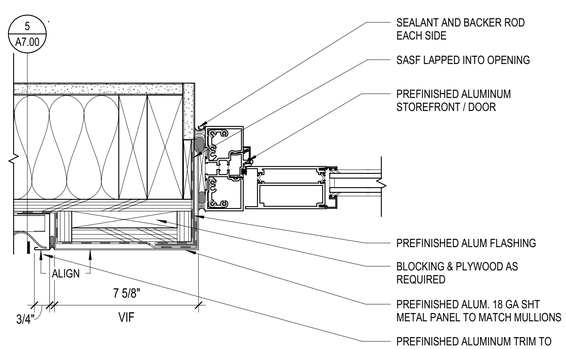
7 A7.06 ALUM. DOOR SILL @ CONCRETE PAVING - EAST ENTRY
3" = 1'-0"



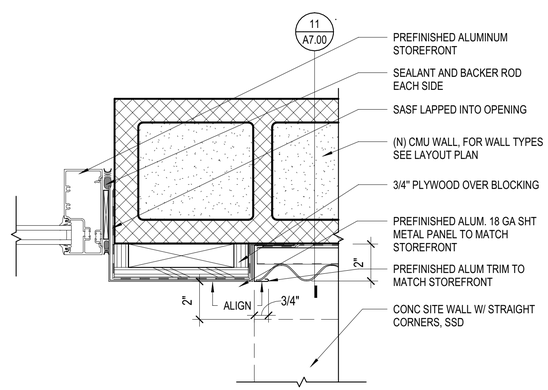
4 A7.06 ALUM. DOOR SILL @ CONCRETE PAVING - WEST ENTRY
3" = 1'-0"



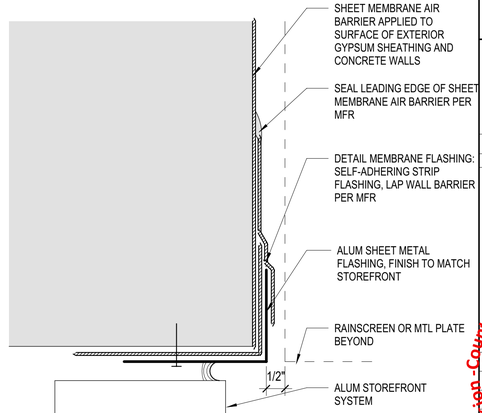
1 A7.06 TYPICAL WINDOW FLASHING
1 1/2" = 1'-0"



8 A7.06 ALUM. DOOR @ MTL PANEL & MTL SIDING 1 - JAMB
3" = 1'-0"



5 A7.06 ALUM. STOREFRONT @ LOWER LEVEL MTL PANEL - JAMB
3" = 1'-0"



2 A7.06 TYPICAL WINDOW WATERPROOFING - HEAD/JAMB
6" = 1'-0"

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SHEET NUMBER **A7.06**

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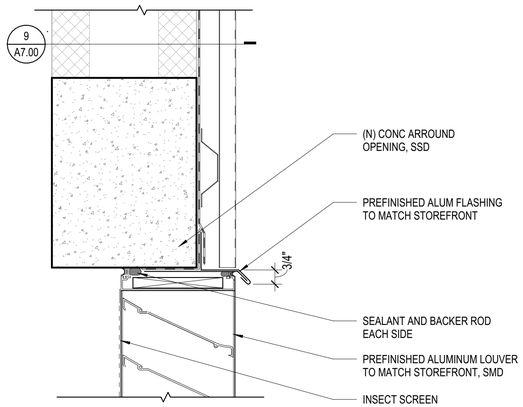
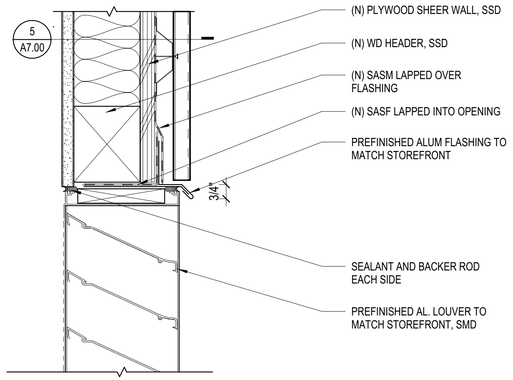
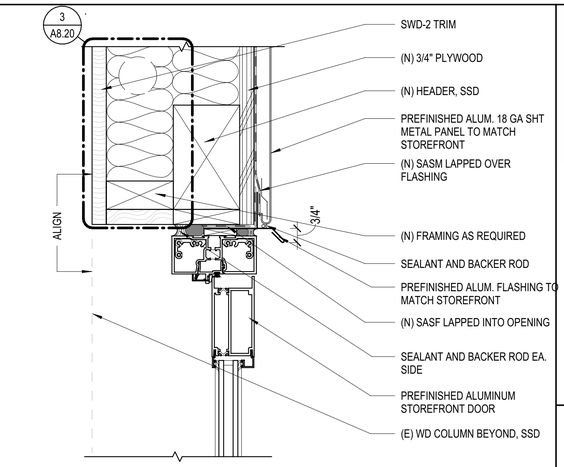


3 A7.07 LOUVER @ (E) CMU - HEAD
3" = 1'-0"

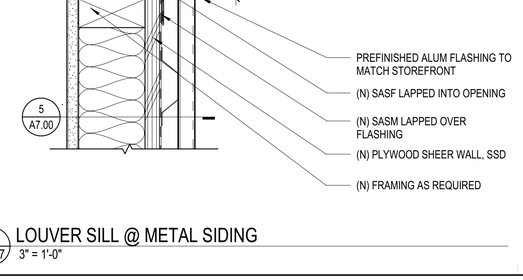


7 A7.07 LOUVER HEAD @ METAL SIDING
3" = 1'-0"

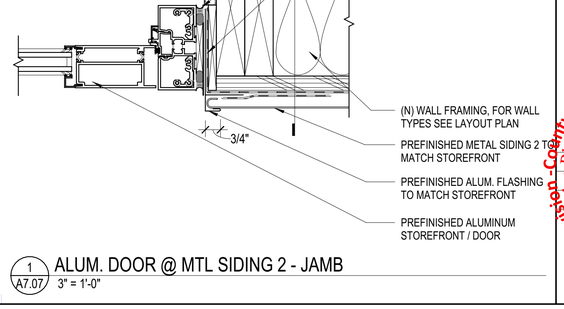


2 A7.07 ALUM. DOOR HEAD @ SOUTH GLAZING
3" = 1'-0"

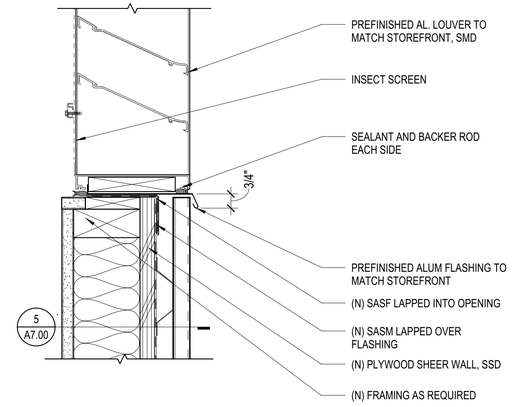
4 A7.07 LOUVER @ (E) CMU - SILL
3" = 1'-0"



5 A7.07 LOUVER JAMB@ MTL SIDING
3" = 1'-0"



8 A7.07 ALUM. DOOR SILL @ SOUTH GLAZING
3" = 1'-0"



9 A7.07 LOUVER SILL @ METAL SIDING
3" = 1'-0"

1 A7.07 ALUM. DOOR @ MTL SIDING 2 - JAMB
3" = 1'-0"

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SHEET NUMBER A7.07

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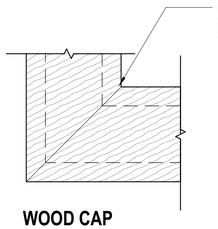
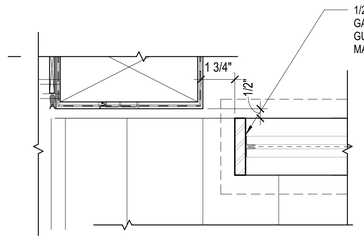
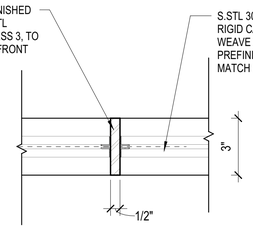


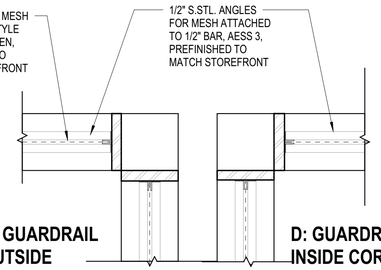
WOOD CAP CORNER



A: GUARDRAIL @ COLUMN



B: GUARDRAIL PLAN

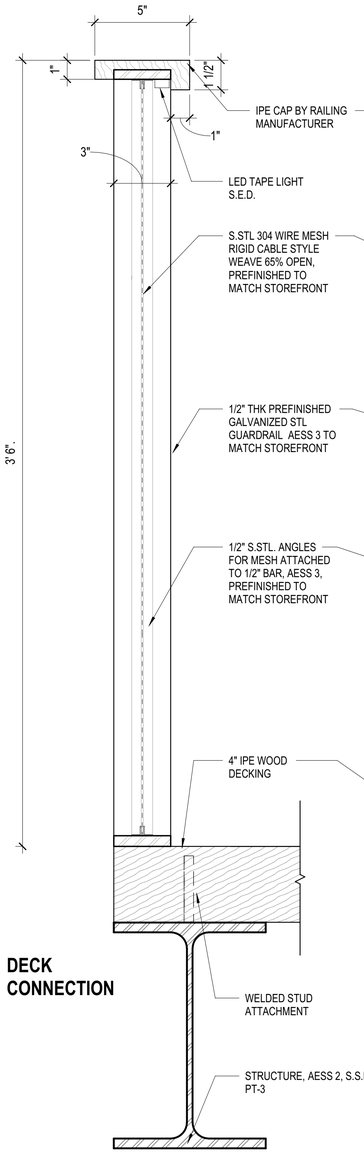


C: GUARDRAIL OUTSIDE CORNER

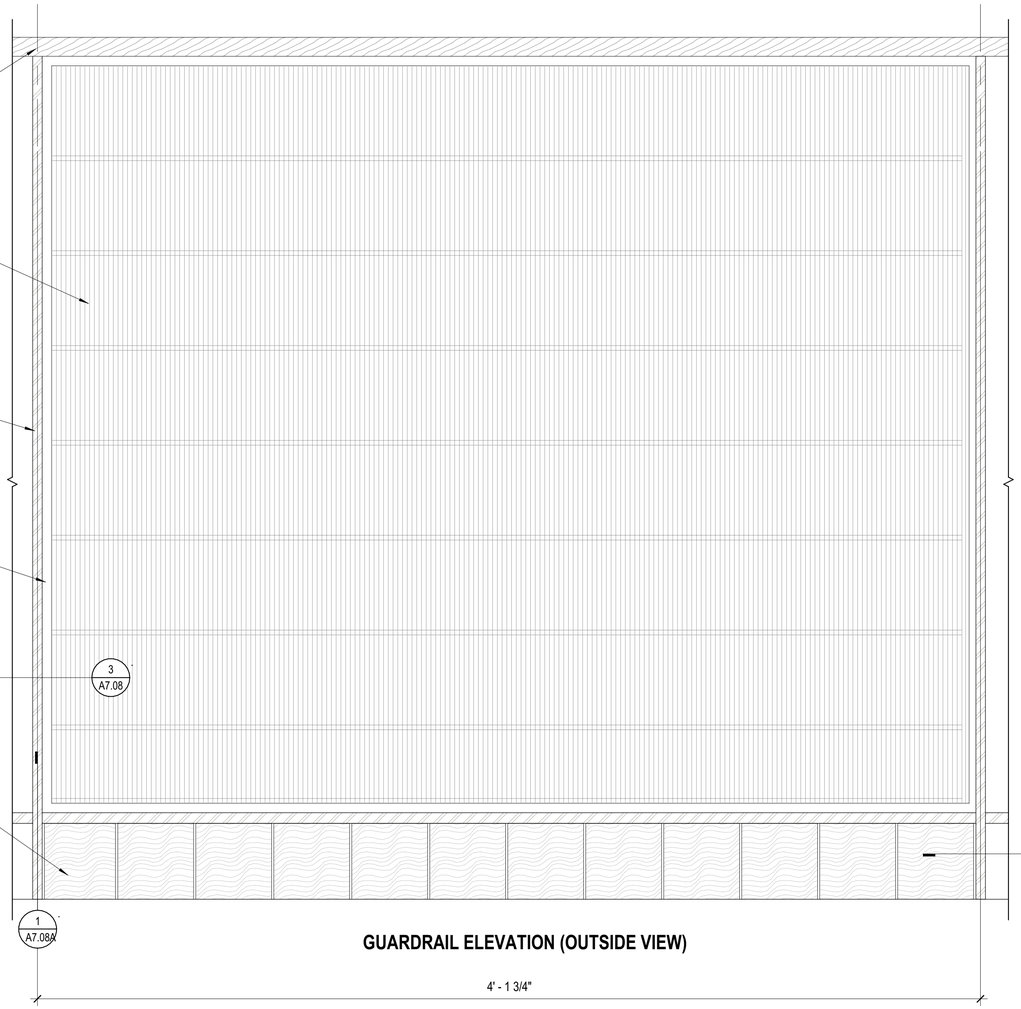
D: GUARDRAIL INSIDE CORNER

3 A7.08 GUARDRAIL PLAN DETAILS

3" = 1'-0"



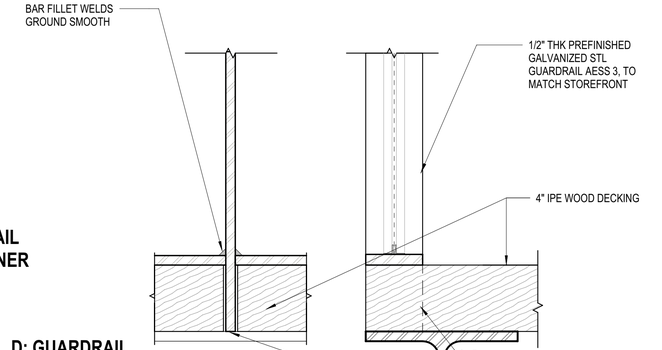
DECK CONNECTION



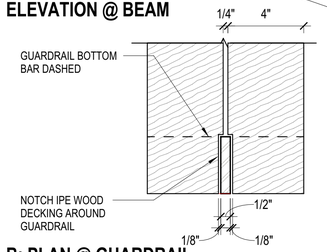
GUARDRAIL ELEVATION (OUTSIDE VIEW)

12 A7.08 GUARDRAIL SECTION AND ELEVATION - BID ALT 1 & 3

3" = 1'-0"

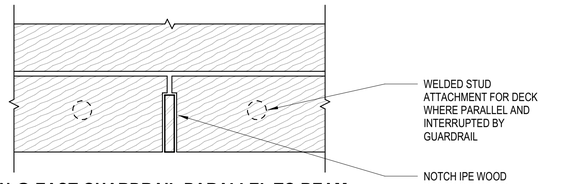


D: GUARDRAIL ELEVATION @ BEAM



B: PLAN @ GUARDRAIL PERPENDICULAR TO BEAM

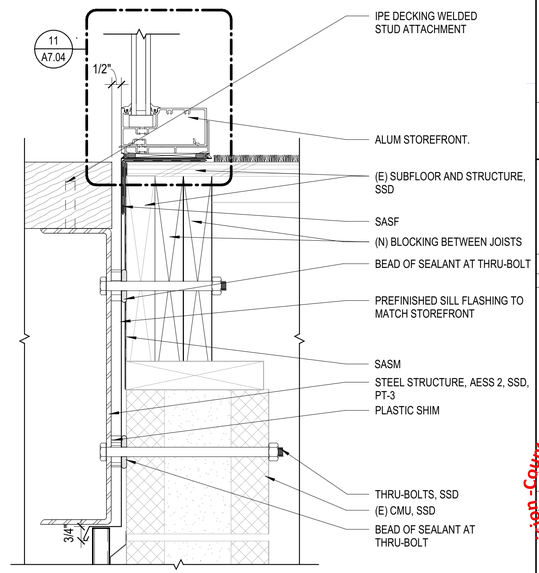
A: GUARDRAIL CONNECTION



C:PLAN @ EAST GUARDRAIL-PARALLEL TO BEAM

1 A7.08 GUARDRAIL TO BEAM ATTACHMENT - BID ALT 1 & 3

3" = 1'-0"



2 A7.08 WD DECK SUPPORT @ WINDOW - BID ALT 1 & 3

3" = 1'-0"

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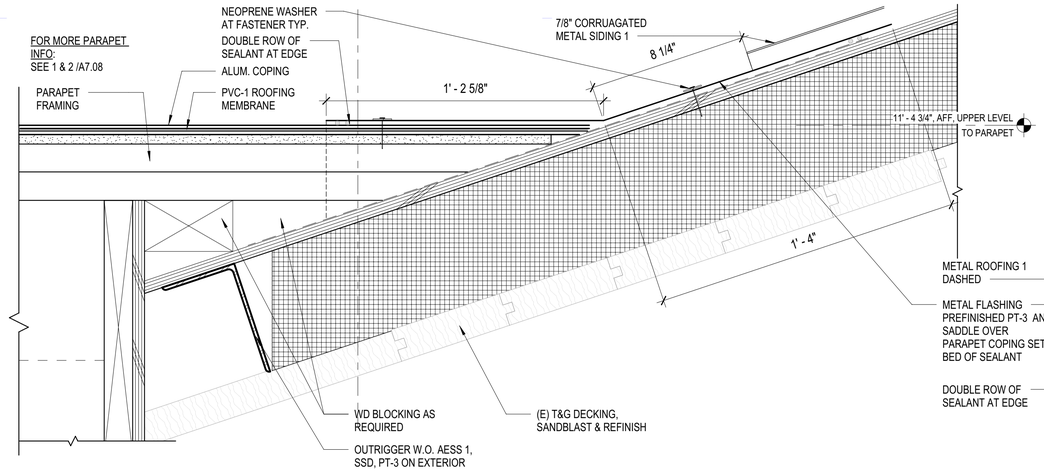
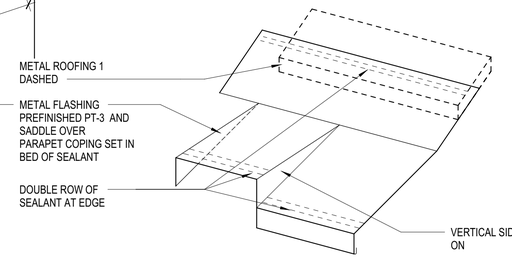
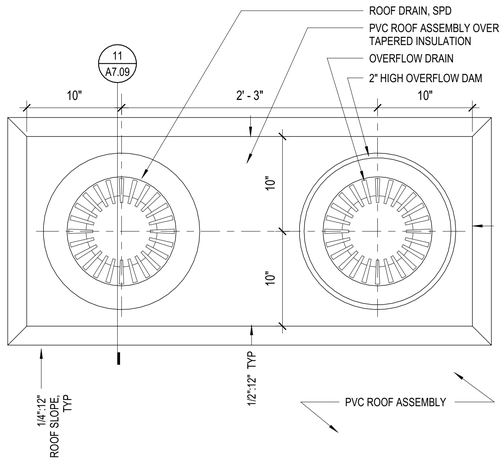


PARAPET COPING AND FLASHING CAP (PARALLEL CUT) @ MTL ROOF TRANSITION AND AXO.

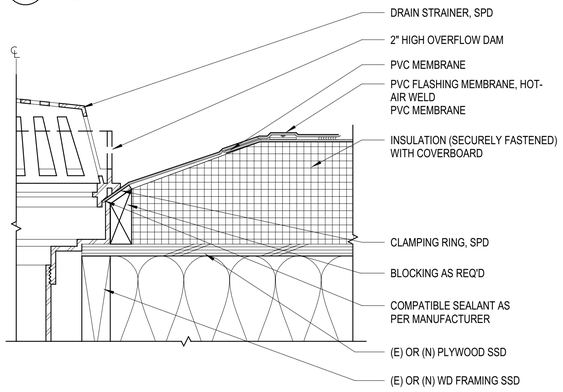
7 / A7.09 — 3" = 1'-0"



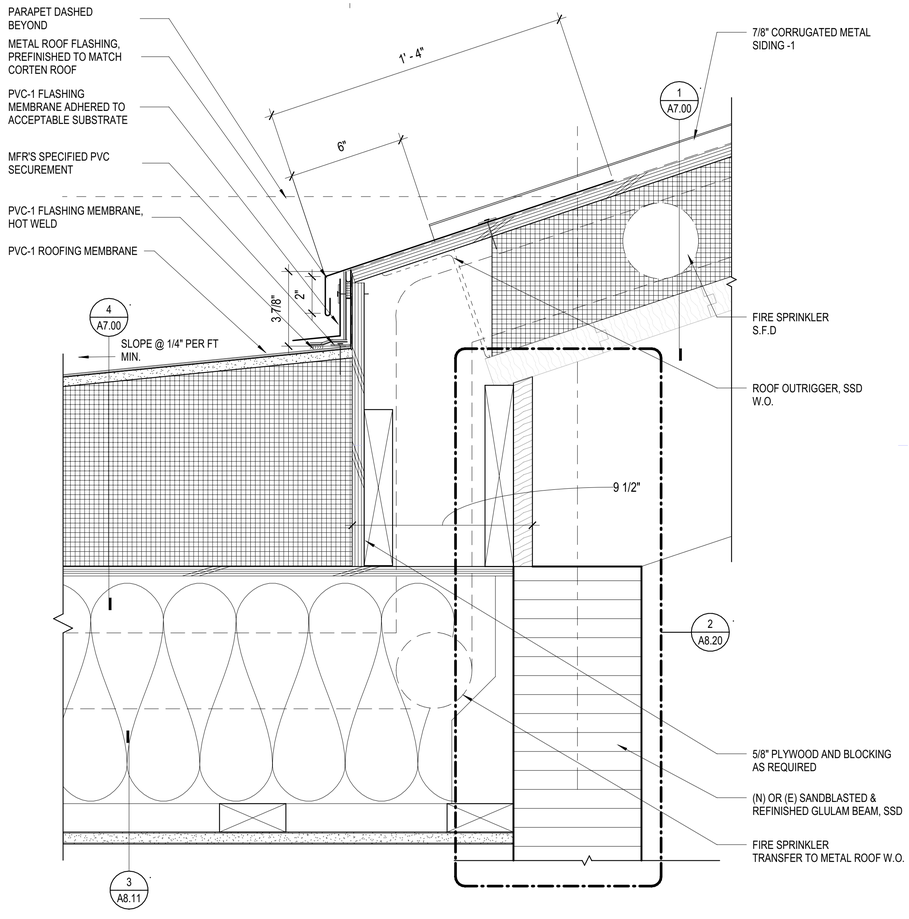
METAL FLASHING SADDLE AXO. (NTS)



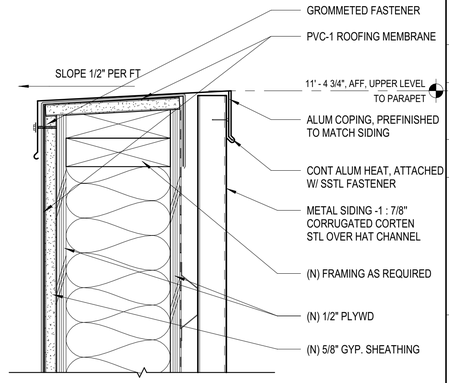
10 / A7.09 — TYPICAL - ROOF DRAIN / OVERFLOW DTL PLAN
1 1/2" = 1'-0"



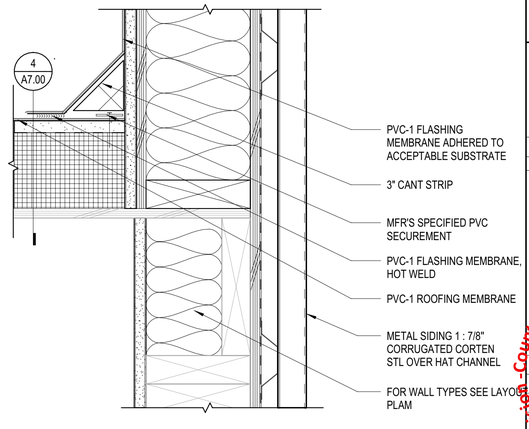
11 / A7.09 — TYPICAL - ROOF DRAIN AT SECTION
3" = 1'-0"



9 / A7.09 — PVC TO MTL ROOF TRANSITION
3" = 1'-0"



1 / A7.09 — PARAPET CAP
3" = 1'-0"



2 / A7.09 — PARAPET @ PVC ROOF
3" = 1'-0"

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
EXTERIOR DETAILS - TYPICAL PVC ROOF

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Plans Approved under the California Building Codes – Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature – Date 03/17/26

DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER **A7.09**

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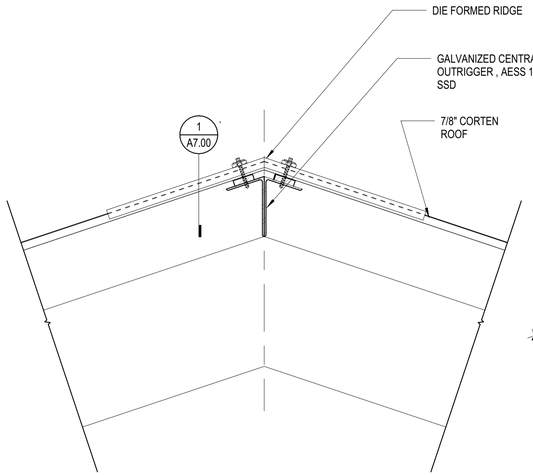
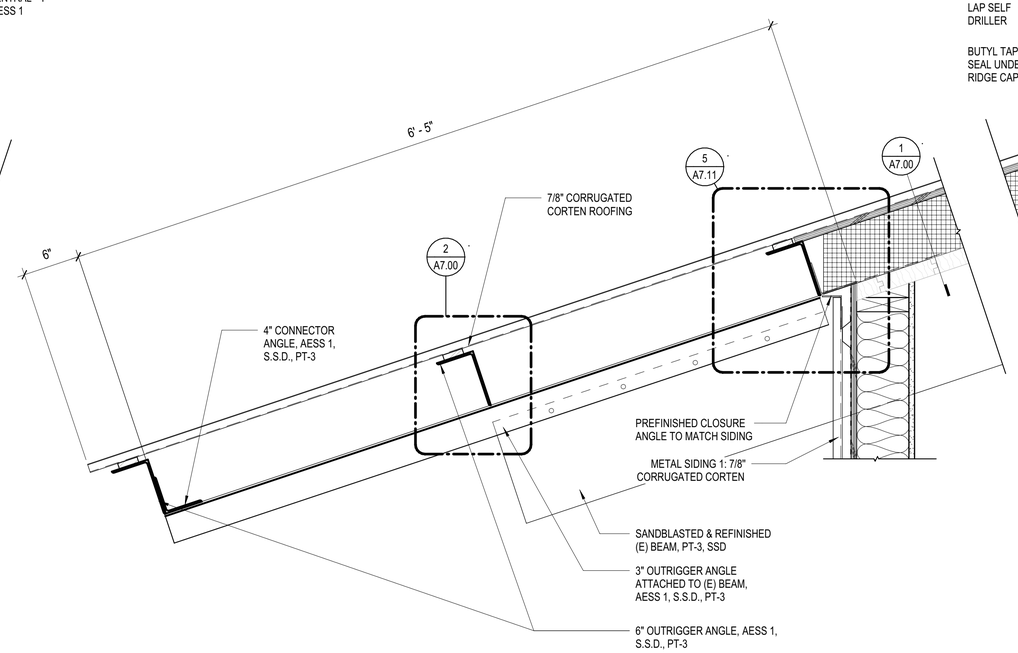
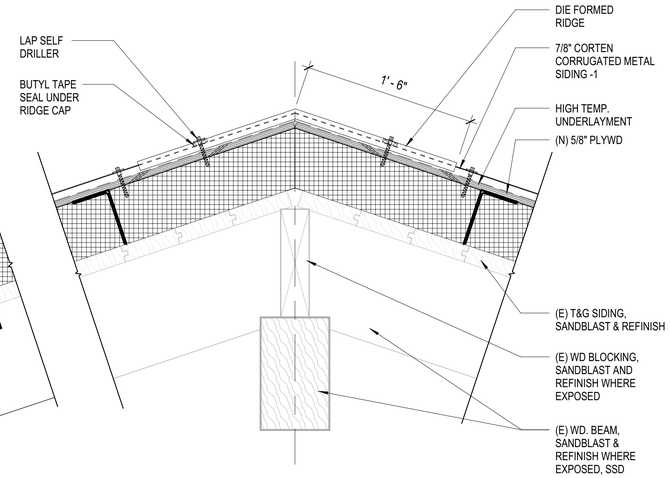


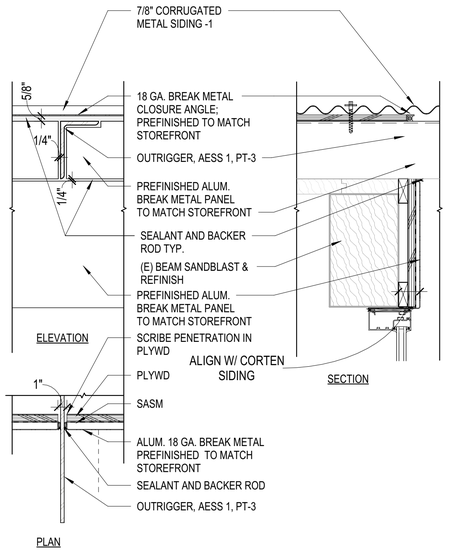
5 A7.10 METAL ROOF @ OUTRIGGER PEAK
1 1/2" = 1'-0"



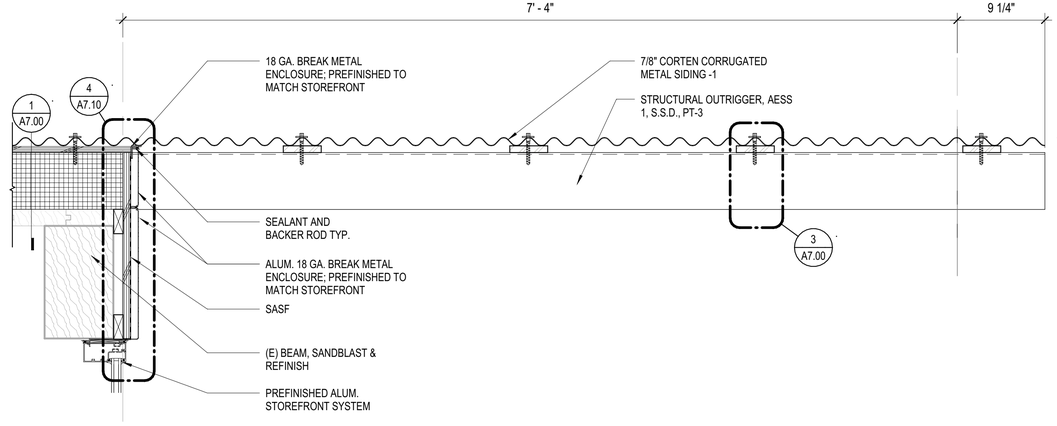
1 A7.10 METAL ROOF SOUTH EAVE @ MTL SIDING 1
1 1/2" = 1'-0"



2 A7.10 METAL ROOF RIDGE CA
1 1/2" = 1'-0"



4 A7.10 OUTRIGGER PENETRATION @ BREAK METAL PANEL, TYP.
1 1/2" = 1'-0"



3 A7.10 METAL ROOF EAST/WEST OVERHANG
1 1/2" = 1'-0"

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SHEET TITLE
EXTERIOR DETAILS - ROOF

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Approved Plans – Building Codes – Structural Building Codes
Plans Approved under the
Date 03/17/26
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DATE	03/06/2026
SCALE	1 1/2" = 1'-0"
JOB NO.	2024-01
SHEET NUMBER	A7.10

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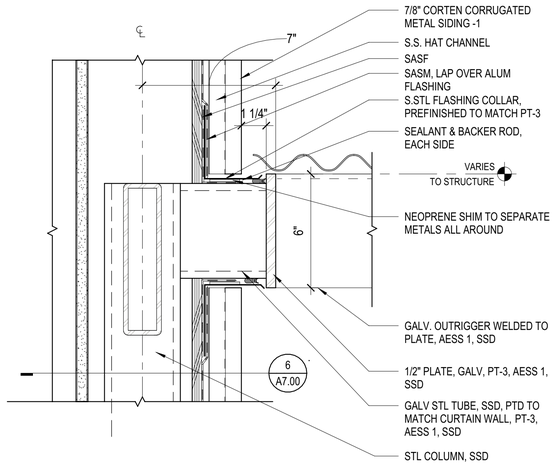
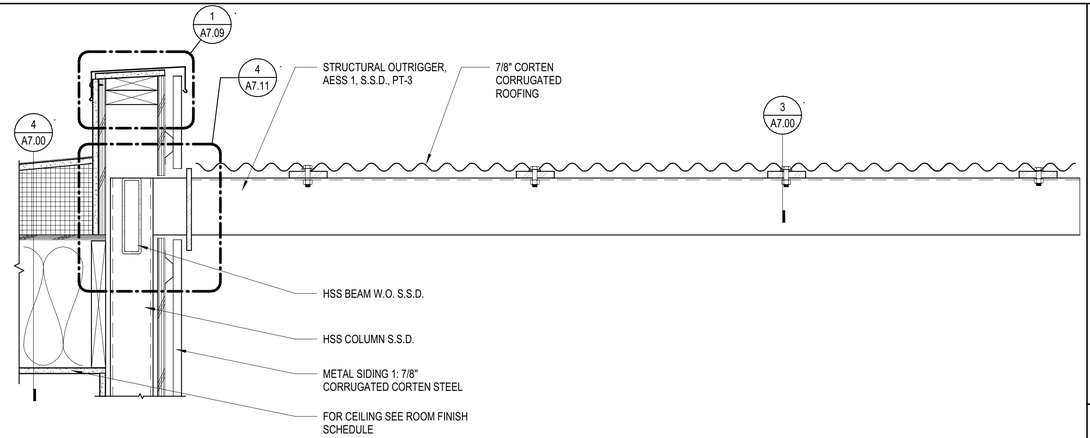
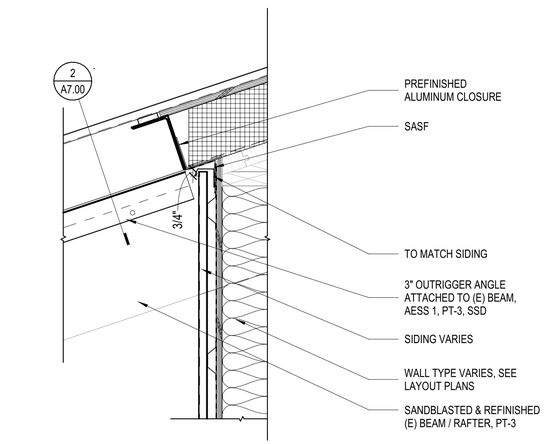


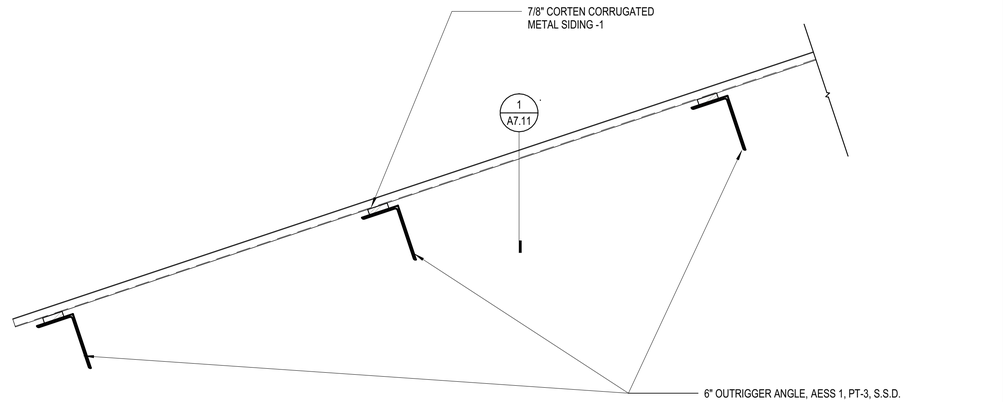
4 A7.11 OUTRIGGER PENETRATION @ METAL PANEL
3" = 1'-0"



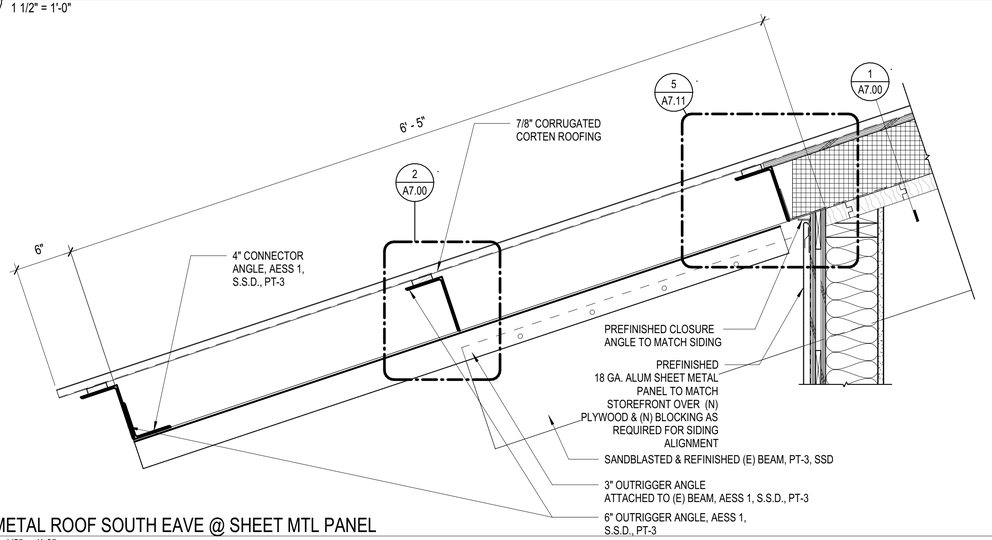
1 A7.11 CANTILEVERED OUTRIGGER SECTION EAST-WEST
1 1/2" = 1'-0"



5 A7.11 SOUTH ROOF EAVE
1 1/2" = 1'-0"



2 A7.11 CANTILEVERED OUTRIGGER SECTION NORTH-SOUTH
1 1/2" = 1'-0"



3 A7.11 METAL ROOF SOUTH EAVE @ SHEET MTL PANEL
1 1/2" = 1'-0"

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EXTERIOR DETAILS - ROOF

REVISIONS

NO.	DATE	DESCRIPTION

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SHEET NUMBER A7.11

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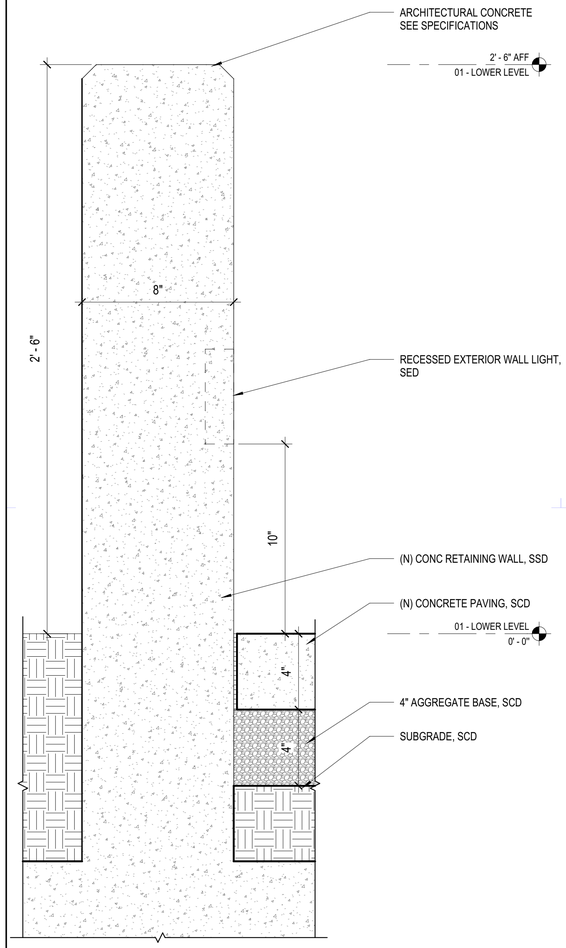
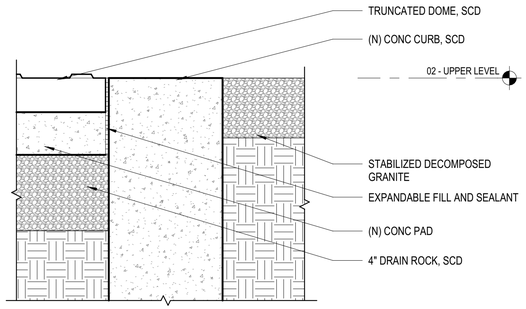
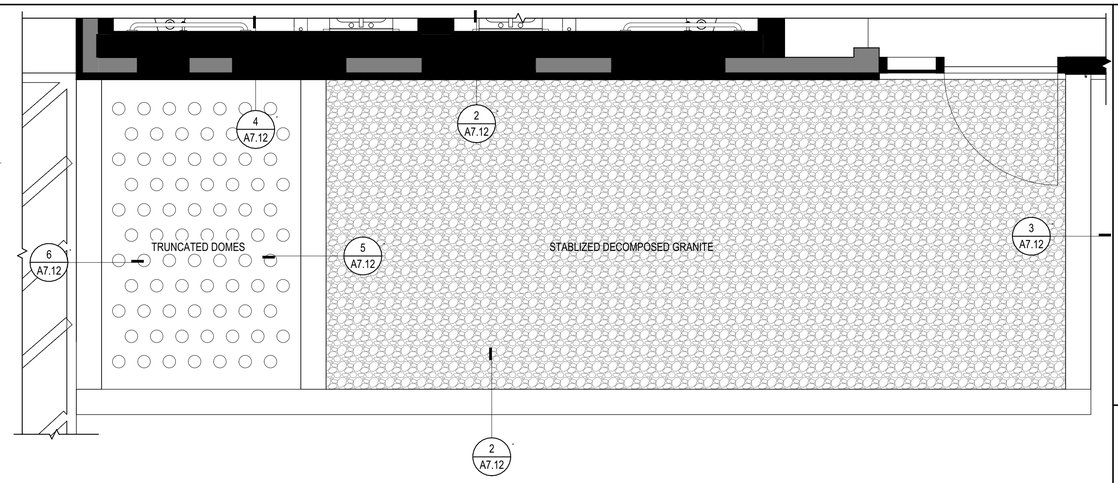


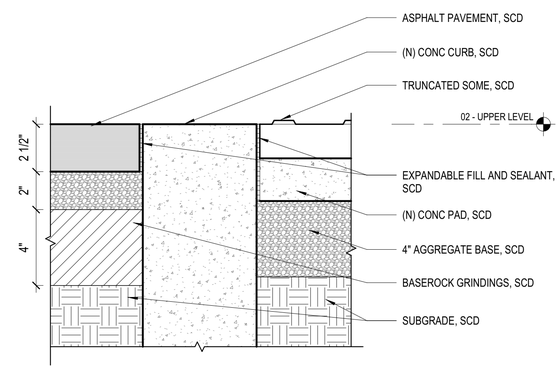
8 A7.12 EAST CONC WALL @ ENTRY CONC PAVING
3" = 1'-0"



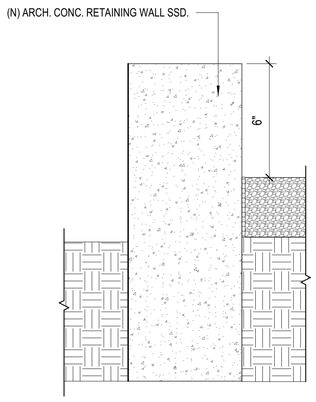
5 A7.12 CONC CURB @ TRUNCATED DOME & DG WALKWAY
3" = 1'-0"

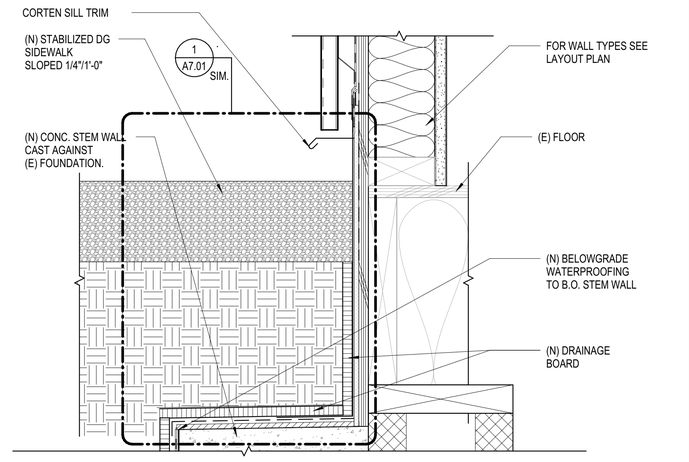


1 A7.12 ENLARGED PLAN - WALKWAY
1/2" = 1'-0"

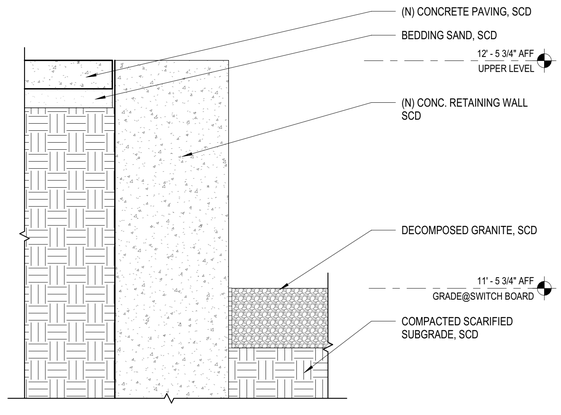


6 A7.12 CONC CURB @ TRUNCATED DOME & ADA PARKING
3" = 1'-0"

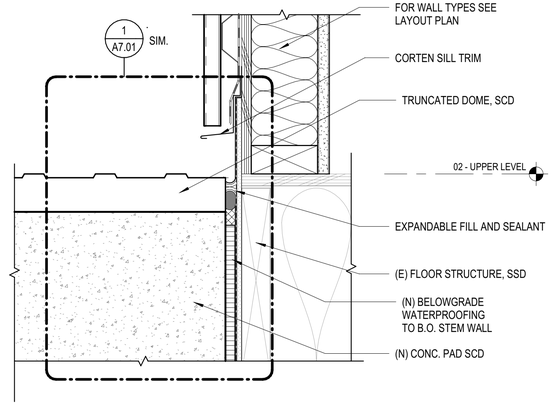




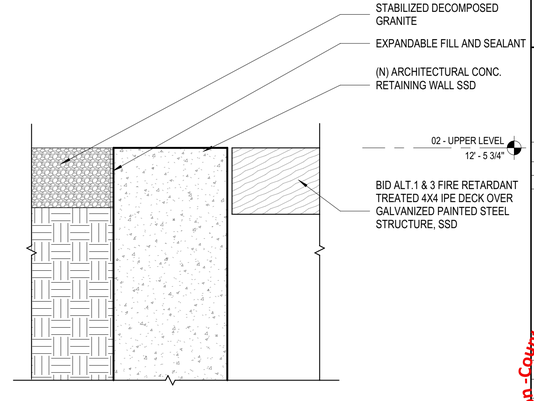
2 A7.12 DG WALKWAY
3" = 1'-0"



7 A7.12 SERVICE YARD GRADE DROP
3" = 1'-0"



4 A7.12 TRUNCATED DOME @ SOUTH WALL
3" = 1'-0"



3 A7.12 DG WALKWAY @ CONCRET RETAINING WALL
3" = 1'-0"

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32908 ROAD 222
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LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
SITE DETAILS

REVISIONS

NO.	DATE	DESCRIPTION
1	01/16/2026	PC1

County of Madera – CED Building Division
Plans Approved under the California Building Codes
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SHEET NUMBER
A7.12

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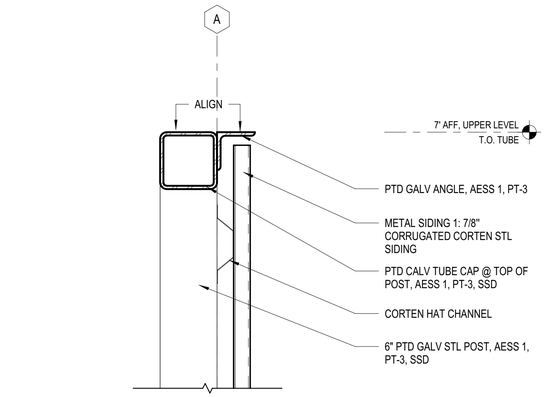
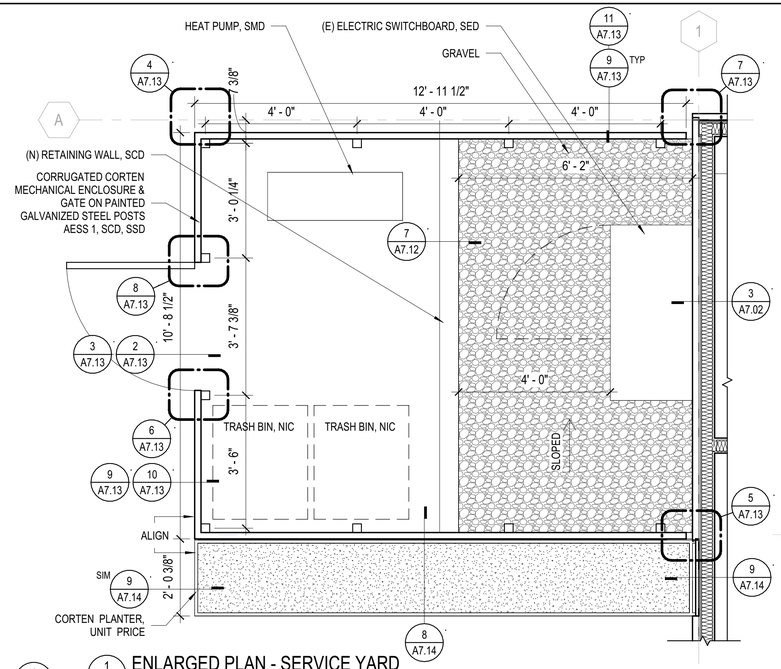
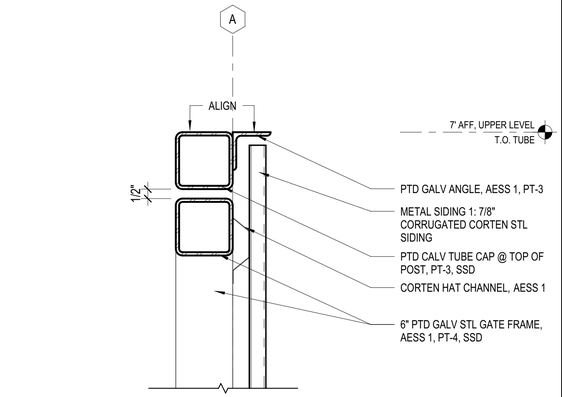


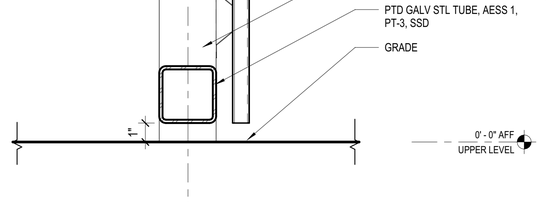
9 A7.13 SERVICE YARD SCREEN - HEAD, TYP
3" = 1'-0"



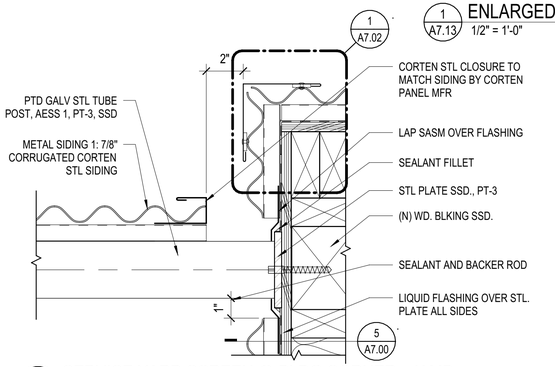
1 A7.13 ENLARGED PLAN - SERVICE YARD
1/2" = 1'-0"



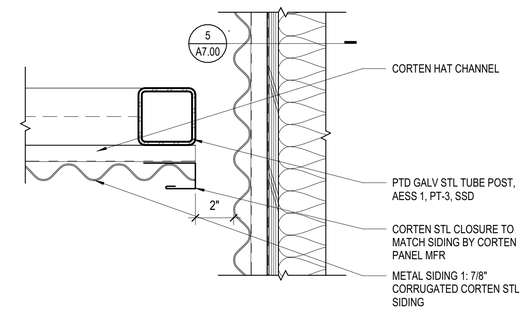
2 A7.13 SERVICE YARD GATE - HEAD
3" = 1'-0"



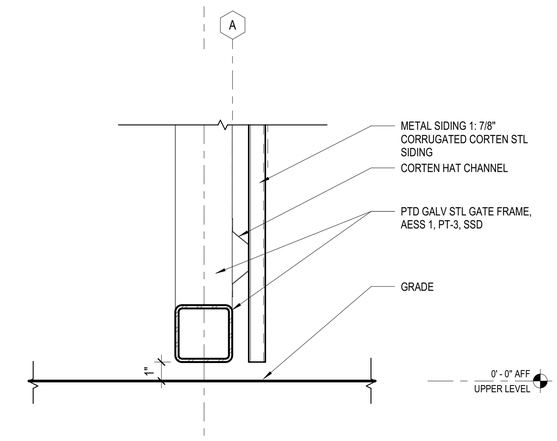
10 A7.13 SERVICE YARD SCREEN - SILL
3" = 1'-0"



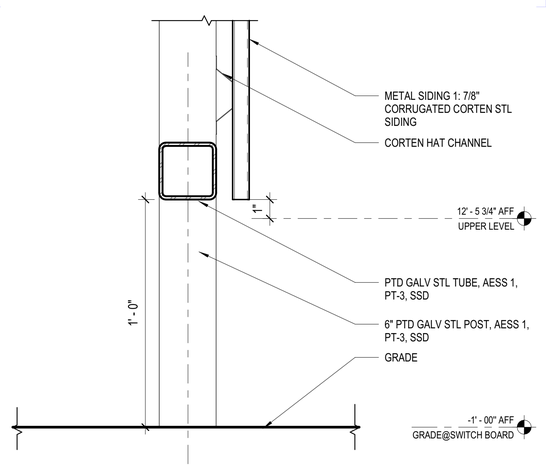
7 A7.13 SERVICE YARD SCREEN @ BLDG CORNER - JAMB
3" = 1'-0"



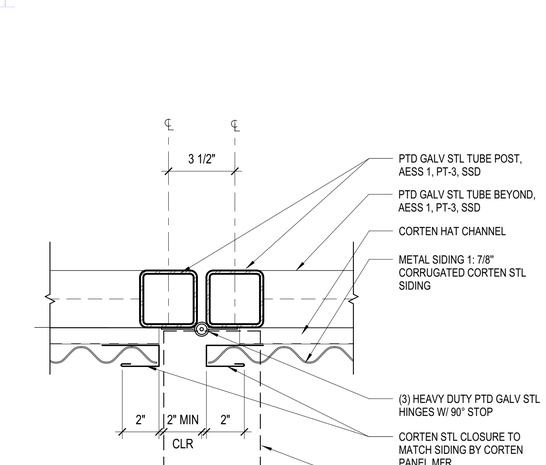
5 A7.13 SERVICE YARD SCREEN @ BLDG WALL - JAMB
3" = 1'-0"



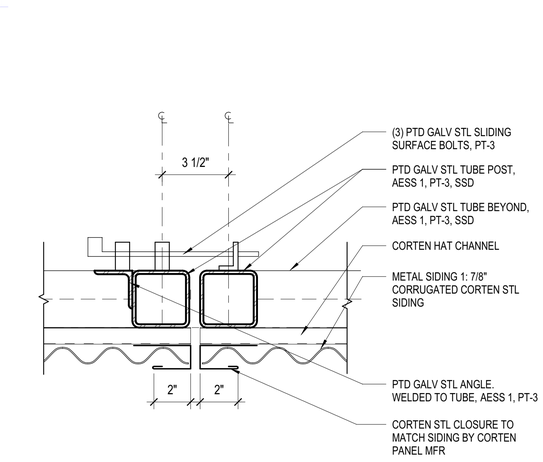
3 A7.13 SERVICE YARD GATE - SILL
3" = 1'-0"



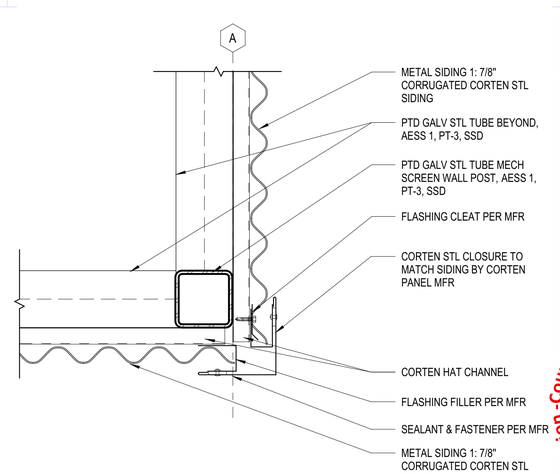
11 A7.13 SERVICE YARD SCREEN - SILL @ NORTH
3" = 1'-0"



8 A7.13 SERVICE YARD GATE - HINGE - JAMB
3" = 1'-0"



6 A7.13 SERVICE YARD GATE - LATCH - JAMB
3" = 1'-0"



4 A7.13 SERVICE YARD SCREEN - CORNER - JAMB, TYP
3" = 1'-0"

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ABRAHAM JAYSON
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BID SET

SHEET TITLE
EXTERIOR DETAILS - SERVICE YARD SCREEN

REVISIONS

NO.	DATE	DESCRIPTION

Approved Building Plans - County of Madera – CED Building Division
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER **A7.13**

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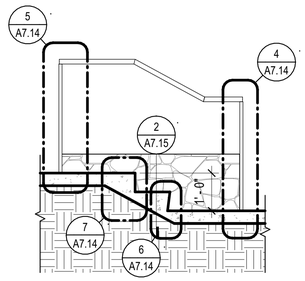
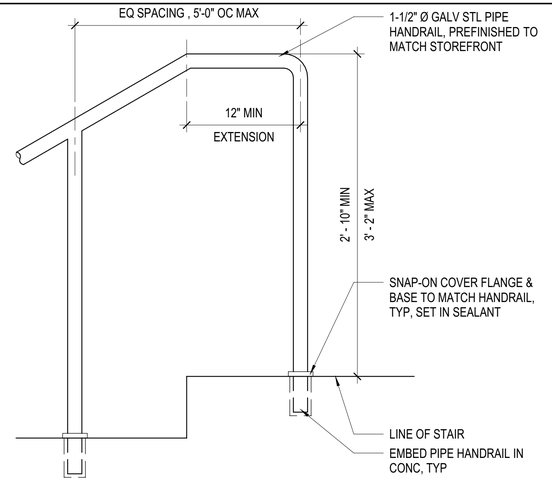
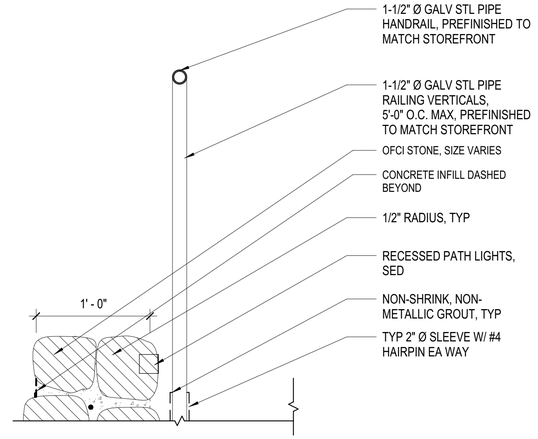


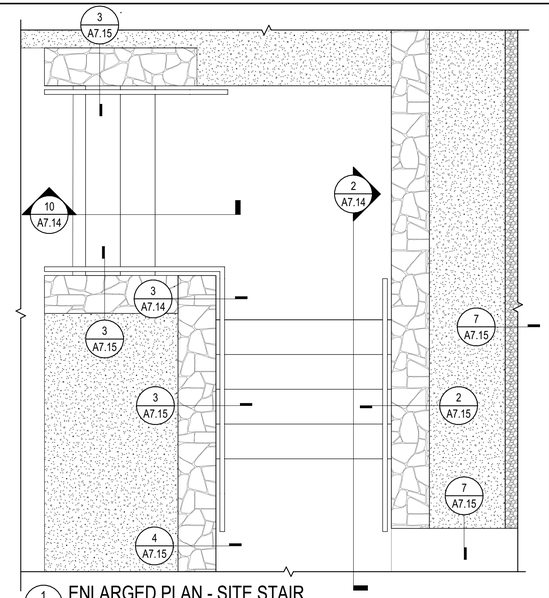
10 A7.14 SECTION - SITE STAIR 2
1/2" = 1'-0"



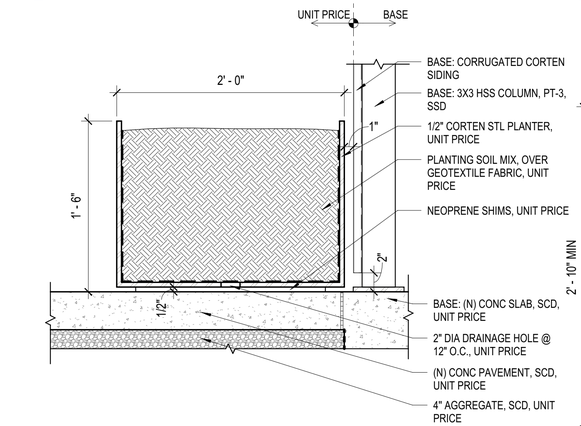
5 A7.14 HANDRAIL EXTENSIONS @ CONC STAIR TOP
1 1/2" = 1'-0"



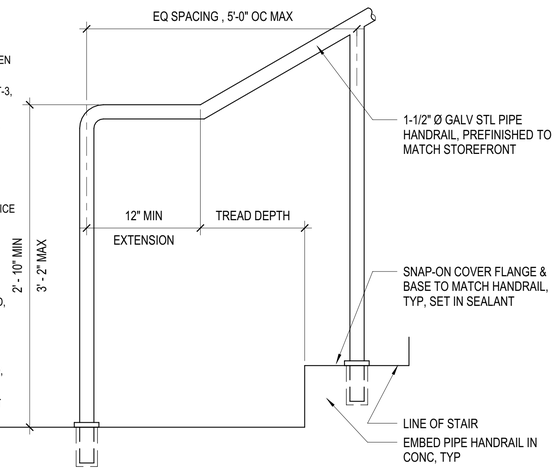
3 A7.14 EXTERIOR MTL HANDRAIL
1 1/2" = 1'-0"



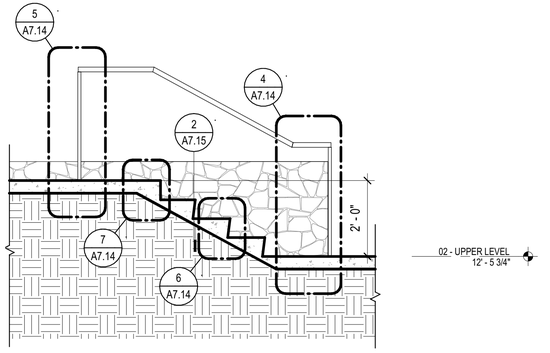
1 A7.14 ENLARGED PLAN - SITE STAIR
1/2" = 1'-0"



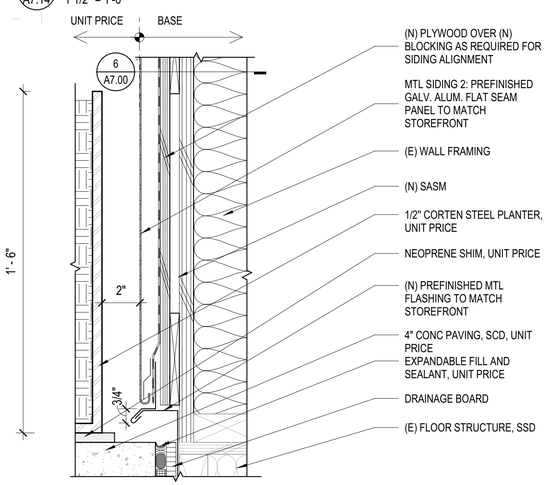
8 A7.14 SITE - PLANTER @ SERVICE YARD FENCE
1 1/2" = 1'-0"



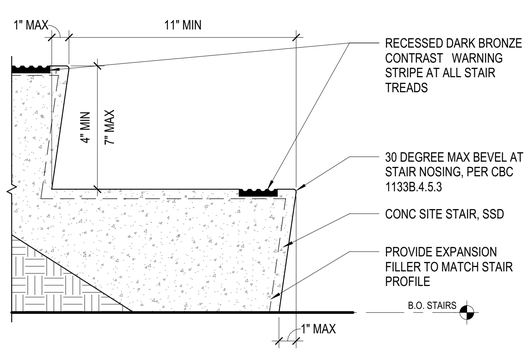
4 A7.14 HANDRAIL EXTENSIONS @ CONC STAIR BOTTOM
1 1/2" = 1'-0"



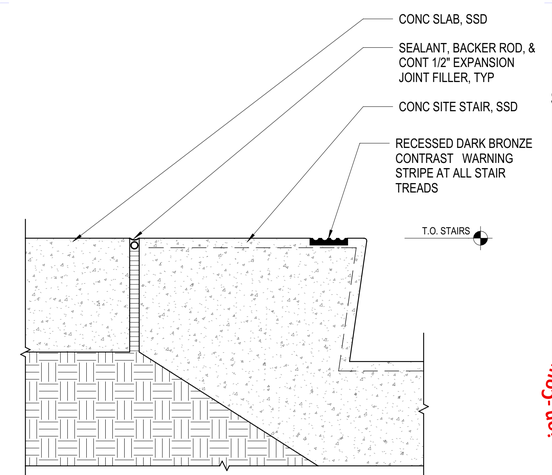
2 A7.14 SECTION - SITE STAIR
1/2" = 1'-0"



9 A7.14 SITE - PLANTER @ WALL
3" = 1'-0"



6 A7.14 TYP CONC STAIR @ BASE
3" = 1'-0"



7 A7.14 TYP CONC STAIR @ TOP
3" = 1'-0"

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
SITE DETAIL - UNIT PRICE #1 ITEMS

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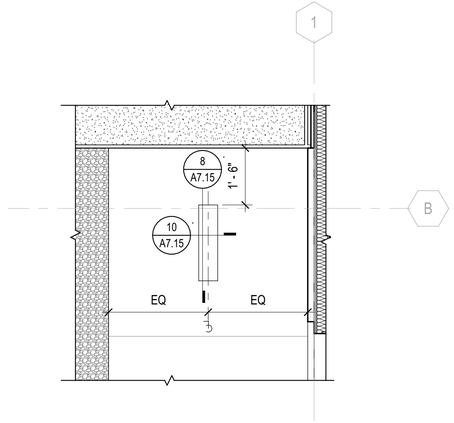
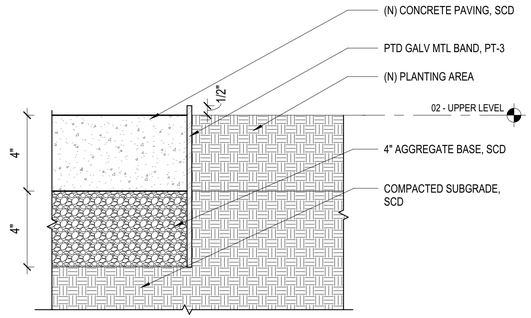
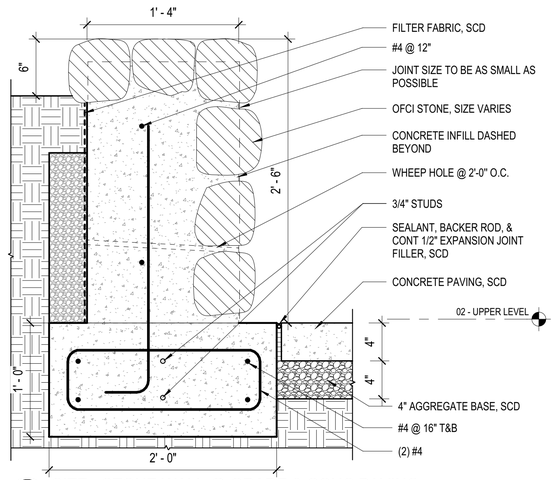


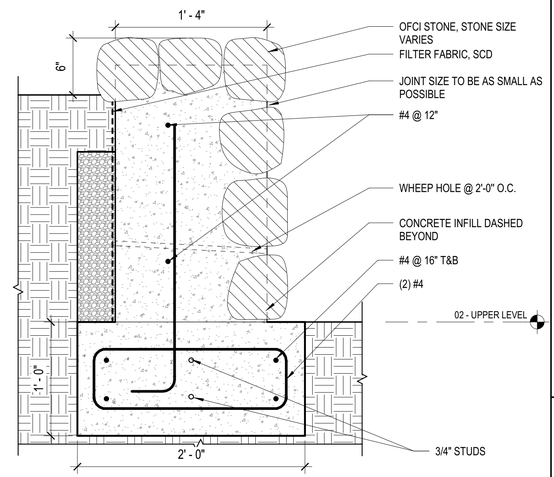
9 A7.15 BIKE RACK - ENLARGED PLAN
1/2" = 1'-0"



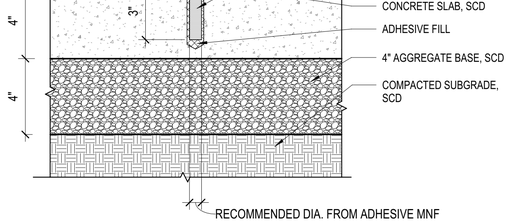
7 A7.15 SITE - PLANTING @ CONC PAVING
3" = 1'-0"



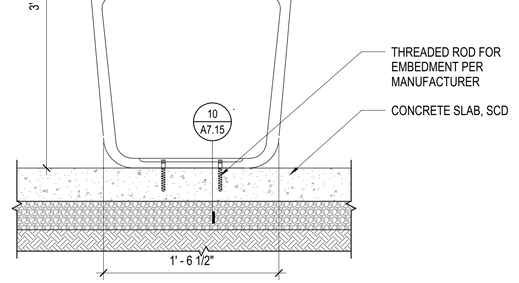
4 A7.15 SITE - STONE WALL @ GRADE & CONC PAVING
1 1/2" = 1'-0"



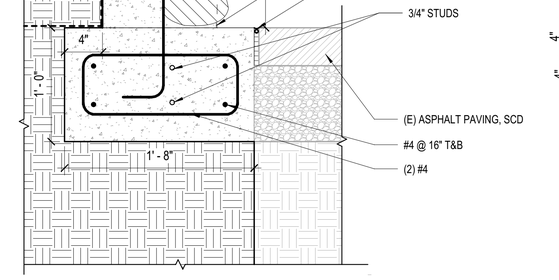
1 A7.15 SITE - STONE RETAINING WALL @ DG
1 1/2" = 1'-0"



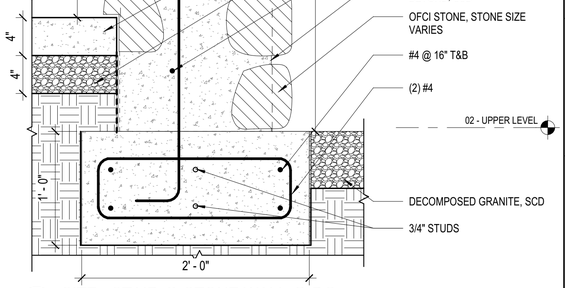
10 A7.15 SITE - BIKE RACK - EMBEDED MOUNT
3" = 1'-0"



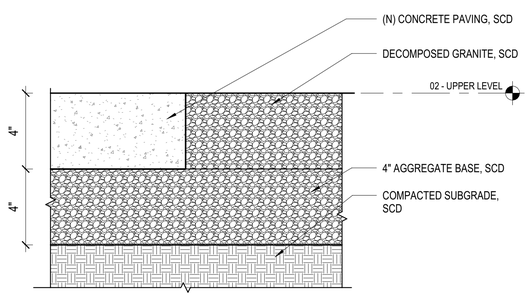
8 A7.15 SITE - BIKE RACK - SECTION
1 1/2" = 1'-0"



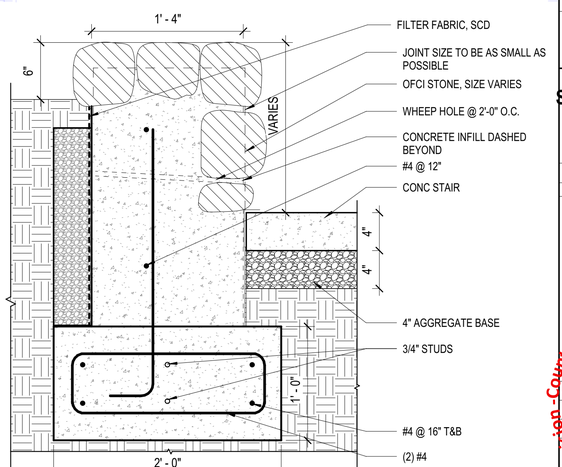
5 A7.15 SITE - STONE WALL @ INFILTRATION BASIN
1 1/2" = 1'-0"



2 A7.15 SITE - STAIR @ STONE WALL @ DG
1 1/2" = 1'-0"



6 A7.15 SITE - DG @ CONC PAVING
3" = 1'-0"



3 A7.15 SITE - STAIR @ STONE WALL @ GRADE
1 1/2" = 1'-0"

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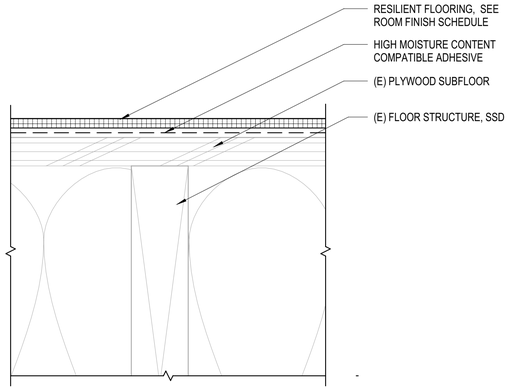
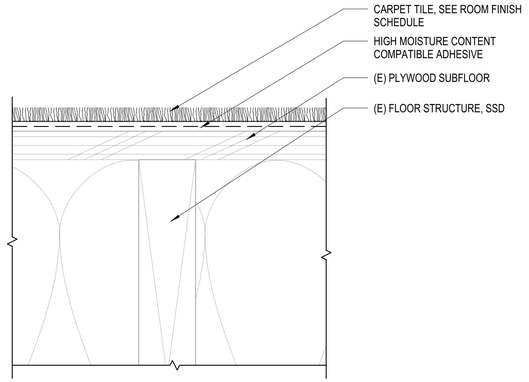
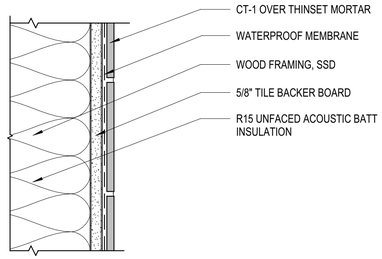


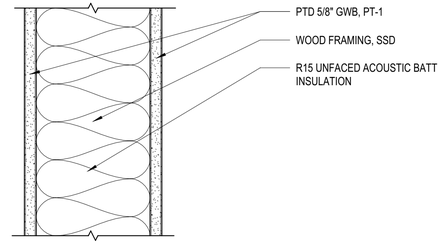
10 A8.00 TYPICAL FRAMED FLOOR W/ RESILIENT FLOORING
6" = 1'-0"



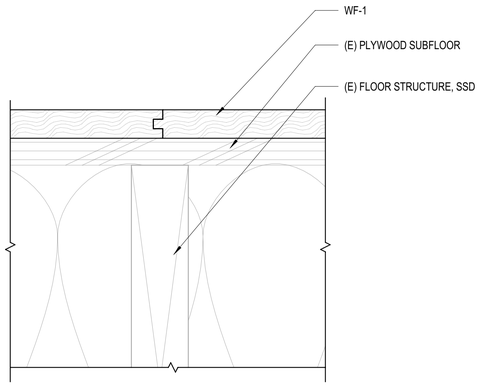
8 A8.00 TYPICAL FRAMED FLOOR W/ CARPET
6" = 1'-0"



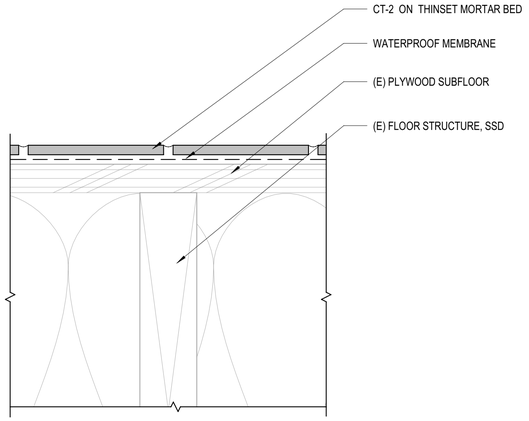
4 A8.00 TYPE S - (N) FURRING PARTITION W/ TILE
3" = 1'-0"



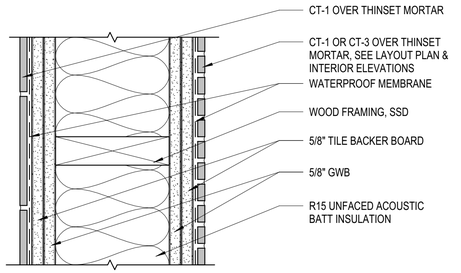
1 A8.00 TYPE P - TYPICAL (N) INTERIOR PARTITION
3" = 1'-0"



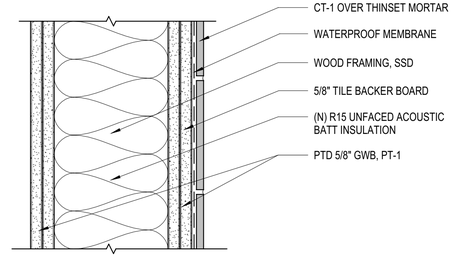
11 A8.00 TYPICAL FRAMED FLOOR W/ WOOD FLOORING
6" = 1'-0"



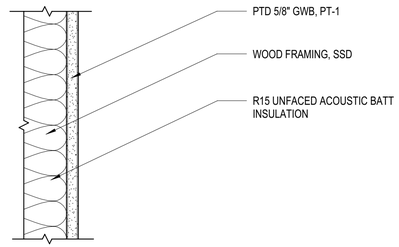
9 A8.00 TYPICAL FRAMED FLOOR W/ TILE
6" = 1'-0"



5 A8.00 TYPE T - (N) PARTITION W/ (2) LAYERS GWB & TILE BOTH SIDES
3" = 1'-0"



2 A8.00 TYPE Q - TYPICAL (N) INTERIOR PARTITION W/ TILE
3" = 1'-0"



3 A8.00 TYPE R - (N) FURRING PARTITION
3" = 1'-0"

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LICENSED ARCHITECT
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No. C33239
REN. 08-31-27
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BID SET

SHEET TITLE
TYPICAL INTERIOR ASSEMBLIES

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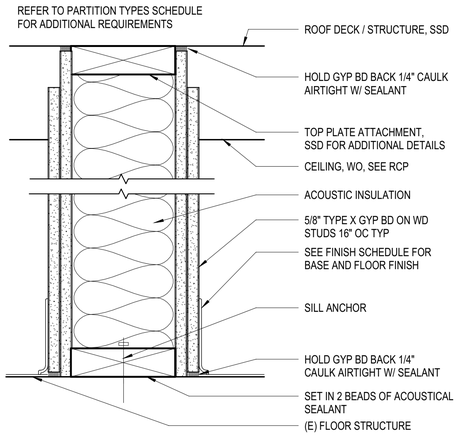
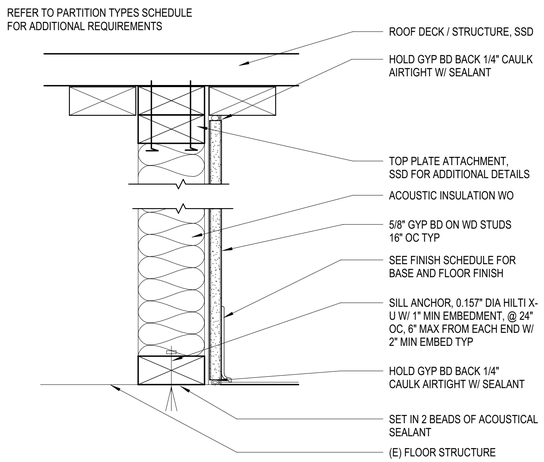
PARTITION NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR TYPICAL WOOD FRAMING AND SHEAR WALL DETAILS AND SCHEDULES
2. PROVIDE BACKING FULL WIDTH OF ALL WALL ATTACHED EQUIPMENT, CASEWORK, AND ACCESSORIES, AS REQUIRED TO SUPPORT WEIGHT
3. GWB TYPES VARY BY ROOM USE. REFER TO ROOM FINISH SCHEDULE FOR GWB TYPE USED
4. WHERE CEILING HEIGHT PARTITION IS INDICATED AND WHERE CEILING HEIGHTS DIFFER IN ADJOINING ROOMS, EXTEND PARTITION APPROX 6" MINIMUM ABOVE HIGHER CEILING. PROVIDE ACOUSTIC BATT INSULATION EXTENDING A MINIMUM OF 4 FEET ON EACH SIDE FULL LENGTH OF THE PARTITION HEAD ABOVE THE CEILING. ASSEMBLIES REQUIRED TO PROVIDE 1-HOUR SEPARATION BETWEEN ROOMS OR SPACES ARE INDICATED AS 1-HOUR ON G1.02 & G1.03
5. ALL GYP BOARD TO BE 5/8" TYPE X U.O.N.
6. WHERE WALL TILE IS INDICATED, PROVIDE SILICONE TREATED GYP BACKER BOARD AND LEVEL 2 GWB FINISH AS DEFINED IN THE SPECIFICATIONS. ALSO SEE FINISH SECHEDULE FOR WATER RESISTIVE GYPSUM BOARD
7. SEE SLAB PLANS FOR INTERIOR PARTITIONS ON CURBS
8. PROVIDE PAPERLESS GWB IN KITCHEN, RESTROOMS, MECHANICAL ROOM
9. PROVIDE ADDITIONAL LAYER OF GWB TO FLUSH WALLS W/ ADJACENT SHEAR PLYWOOD.



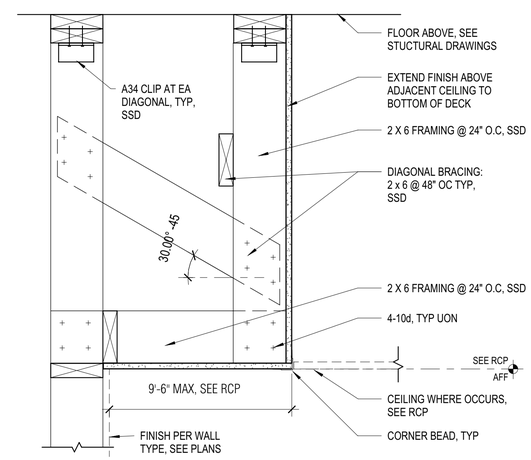
7 A8.01 WD STUD - PARTITION TYPE LEGEND & NOTES
3" = 1'-0"



8 A8.01 FURRING TOP AND SILL PLATE
3" = 1'-0"

9 A8.01 PARTITION SILL PLATE
3" = 1'-0"

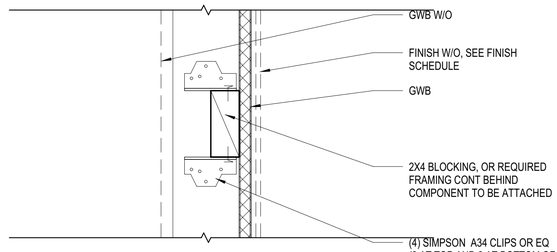
4 A8.01 ACOUSTIC WALL TOP AND SILL PLATE
3" = 1'-0"



5 A8.01 TYPICAL WOOD FRAMED SOFFIT - GYP BD FINISH
1 1/2" = 1'-0"

6 A8.01 FIRE EXTINGUISHER CABINET DSA - WOOD STUD
1 1/2" = 1'-0"

NOTES:
1. USE FOR MISC ITEMS AS NEEDED, MAX WEIGHT 50 LBS / LINEAR FT
2. LENGTH, HEIGHT, AND LOCATION TO SUIT ITEMS BEING FASTENED, SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION
3. ATTACH TO THREE STUDS MIN
4. USE DBL. STUDS WHEN STUD IS SUPPORTING MORE THAN (2) BLOCKING STUDS



FOR SURFACE MOUNTED MIRRORS, WASTE RECEPTACLES, TOWEL DISPENSERS, WALL MOUNTED DOOR STOPS, ETC. MEETING LOAD MAX

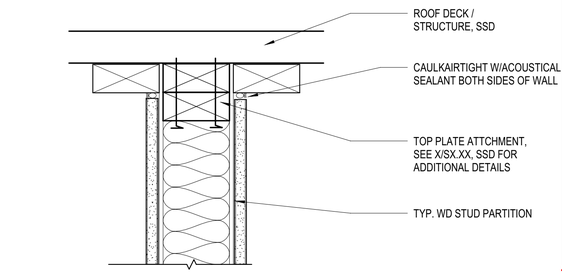
1 A8.01 ANCHOR DETAIL TYPE 1 - MAX 50 LBS/LF LOAD
3" = 1'-0"

NOTES:
1. USE FOR GRAB BARS AND EQUIPMENT MAX WEIGHT 300 LBS / LINEAR FT
2. LENGTH, HEIGHT, AND LOCATION TO SUIT ITEMS BEING FASTENED, SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION
3. ATTACH TO THREE STUDS MIN
4. USE DBL. STUDS WHEN STUD IS SUPPORTING MORE THAN (2) BLOCKING STUDS

FOR FURNITURE, FIXTURES, EQUIPMENT, TOILET PARTITIONS, GRAB BARS

2 A8.01 ANCHOR DETAIL TYPE 3 - MAX 300 LBS/LF LOAD
3" = 1'-0"

REFER TO PARTITION TYPES SCHEDULE FOR ADDITIONAL REQUIREMENTS



NOTE: ACOUSTIC PARTITION SIMILAR

3 A8.01 NON-RATED TOP PLATE
3" = 1'-0"

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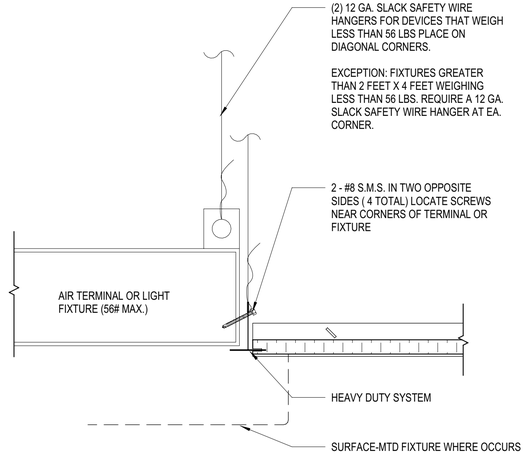
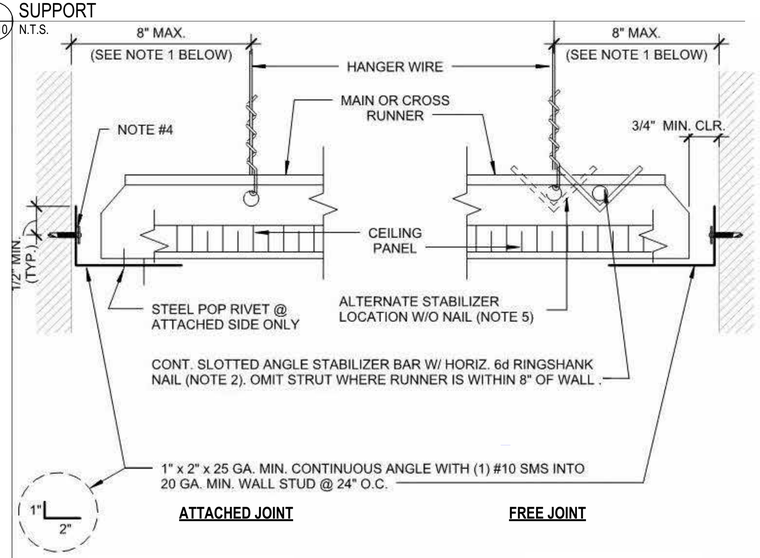


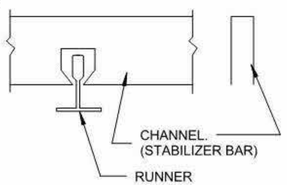
NOTES:
1. ALL FLUSH OR RECESSED LIGHT FIXTURE WEIGHING 56 LBS OR MORE AND MECHANICAL TERMINALS AND SERVICES, WEIGHING 20 LBS OR MORE, MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN (4) TAUT #12 GA WIRES, EACH ATTACHED TO FIXTURE AND THE STRUCTURE ABOVE. THE 4 TAUT #12 GA WIRES, INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE, MUST BE CAPABLE OF SUPPORTING 4 TIMES THE WIEGHT OF THE UNIT.

5 A8.10 SUSPENDED ACOUSTICAL CEILING - LIGHT FIXTURES / AIR TERMINAL SUPPORT
N.T.S.



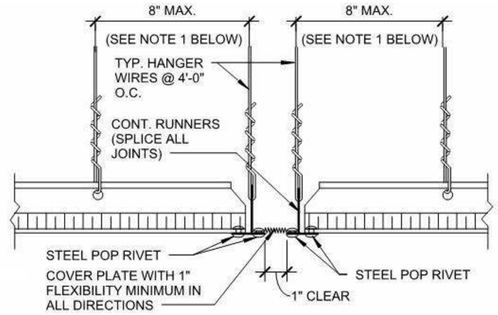
ATTACHED JOINT **FREE JOINT**

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. NAILS AT ENDS OF HORIZONTAL STABILIZERS ARE TO BE PLACED WITH NAIL HEAD TOWARD CENTER LINE OF SPAN OF STRUT.
3. STABILIZER BAR MAY BE SLOTTED APPROVED ANGLES OR CHANNELS WITH "DIAMOND POINTS" OF SPRING STEEL WHICH SNAP TIGHT TO PREVENT MOVEMENT OF STRUT.
4. (1) #10 SMS TO 20 GA. MIN. WALL STUD @ 24" O.C.

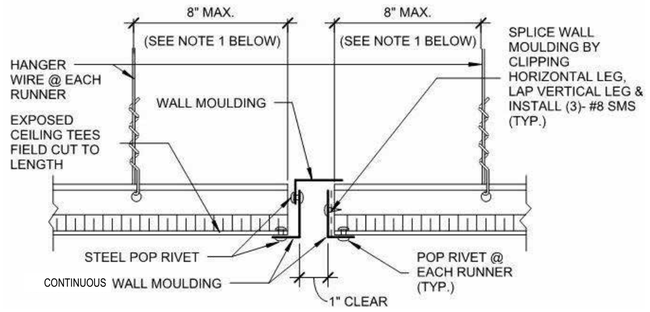


APPROVED STABILIZER

6 A8.10 SUSPENDED ACOUSTICAL CEILING PERIMETER
N.T.S.



EXPANSION JOINT



EXPANSION JOINT ALTERNATE

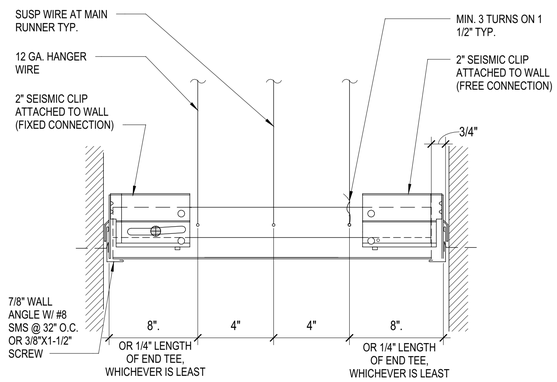
NOTES:
PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) NICHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.

PROVIDE EXPANSION JOINTS AT THE INTERSECTION OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS AND LOBBIES OR OTHER SIMILAR AREAS

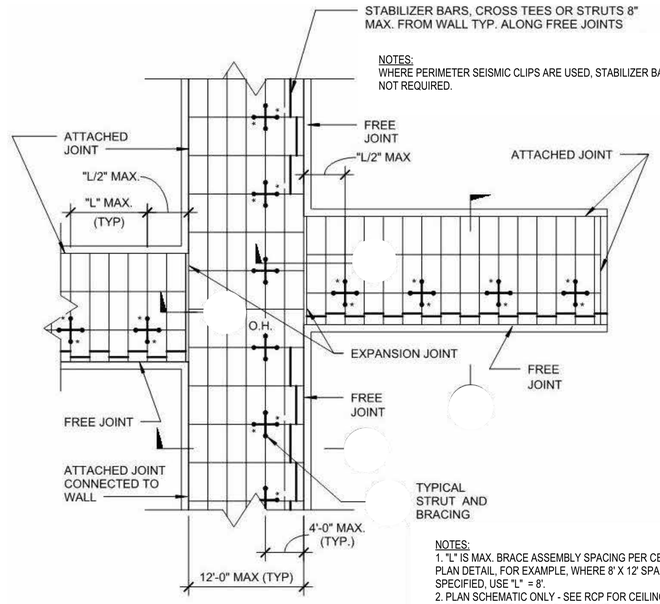
PROVIDE SEISMIC SEPARATION JOINT AT CONTINUOUS CEILING AREAS EXCEEDING 2500 SQ.FT. SEE CEILING PLANS FOR LOCATION

3 A8.10 SUSPENDED ACOUSTICAL CEILING - EXPANSION JOINT / SEISMIC SEPARATION JOINT
N.T.S.

NOTE :
1. TYP VERTICAL SUSPENSION WIRE: 12 GA GALV SOFT ANNEALED MILD STEEL INSTALL WIRES NO MORE THAN 1 ON 6 OUT OF PLUMB.
2. CEILING BOARD NOT SHOWN FOR CLARITY



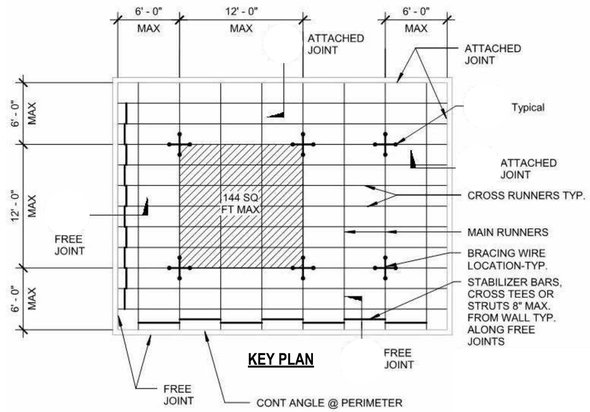
4 A8.10 SUSPENDED ACOUSTICAL CEILING PERIMETER (SEISMIC CLIP)
3" = 1'-0"



LOCATION OF EXPANSION/SLIP JOINTS IN CORRIDORS

1 A8.10 SUSPENDED ACOUSTICAL CEILING - CORRIDOR CEILING PLAN
N.T.S.

NOTE:
1. PLAN SCHEMATIC ONLY - SEE REFLECTED CEILING PLAN FOR CEILING LAYOUT
2. BRACING WIRES AND COMP.STRUT SHALL OCCUR AT EVERY 144 SQ.FT MAX IN ROOMS OVER 144 SQ.FT.
3. WHERE PERIMETER SEISMIC CLIPS ARE USED, STABILIZER BAR'S ARE NOT REQUIRED.
4. REFER TO SHEET FOR COMPRESSION STRUTS



2 A8.10 TYPICAL CEILING PLAN FOR 12'-0" x 12'-0" BRACE ASSEMBLY SPACING
N.T.S.

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PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
TYPICAL ACOUSTIC CEILING TILE DETAILS

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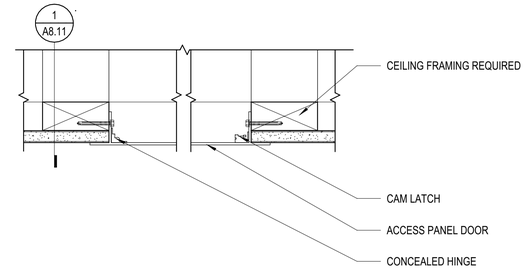
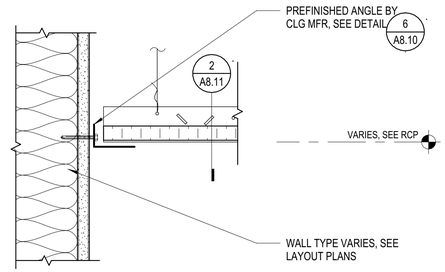
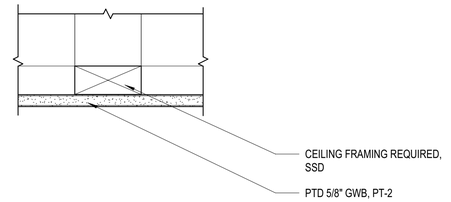


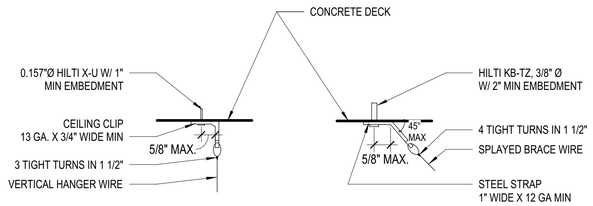
7 A8.11 TYPICAL ACCESS PANEL @ GWB CEILING
3" = 1'-0"



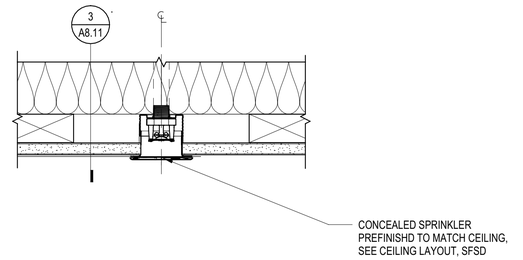
4 A8.11 TYPICAL ACT-1 @ GWB WALL
3" = 1'-0"



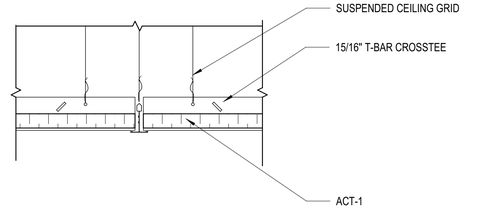
1 A8.11 TYPICAL (N) FRAMED GWB CEILING
3" = 1'-0"



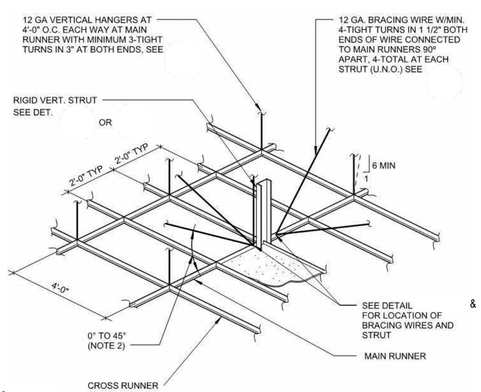
8 A8.11 TYPICAL WIRE CONNECTIONS TO STRUCTURE
1 1/2" = 1'-0"



5 A8.11 TYPICAL CONCEALED SPRINKLER @ GWB CEILING
3" = 1'-0"

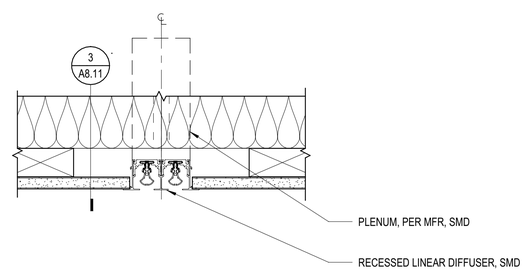


2 A8.11 TYPICAL ACT -1 CEILING
3" = 1'-0"

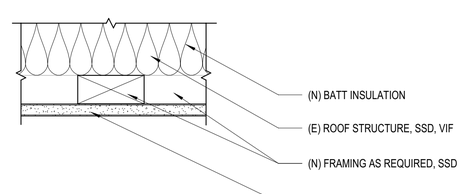


NOTES :
1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH THAT THE WIRES DO NOT INTERFER WITH THE RUNNERS, LIGHT FIXTURES, ETC. AND REMAIN STRAIGHT AND UNOBSTRUCTED.

9 A8.11 SUSPENDED ACOUSTICAL CEILING GRID BRACING ASSEMBLY
N.T.S.



6 A8.11 TYPICAL RECESSED DIFFUSER @ GWB CEILING
3" = 1'-0"



3 A8.11 TYPICAL (N) FRAMED GWB CEILING @ (E) ROOF STRUCTURE
3" = 1'-0"

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LICENSED ARCHITECT
ABRAHAM JAYSON
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SHEET TITLE
TYPICAL DETAILS - CEILING

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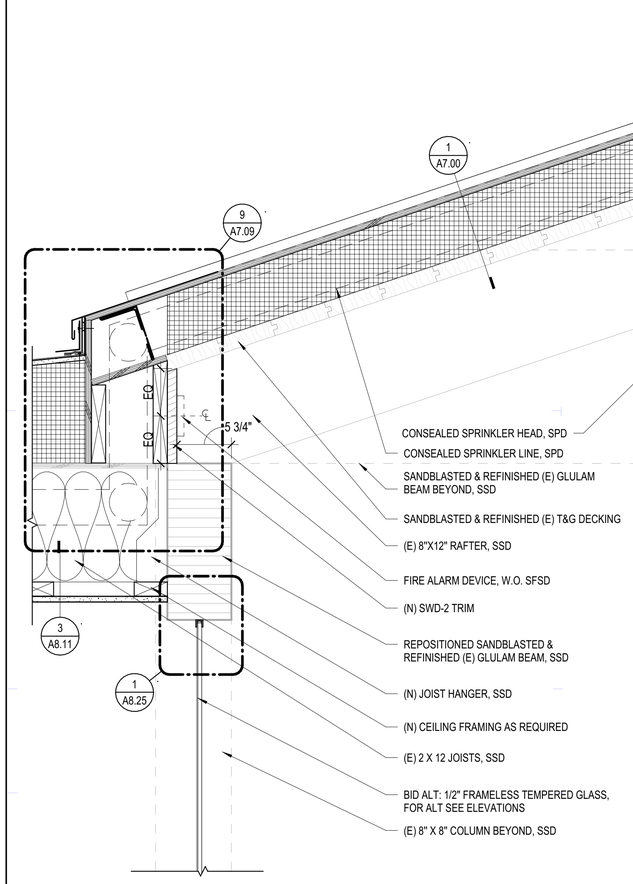
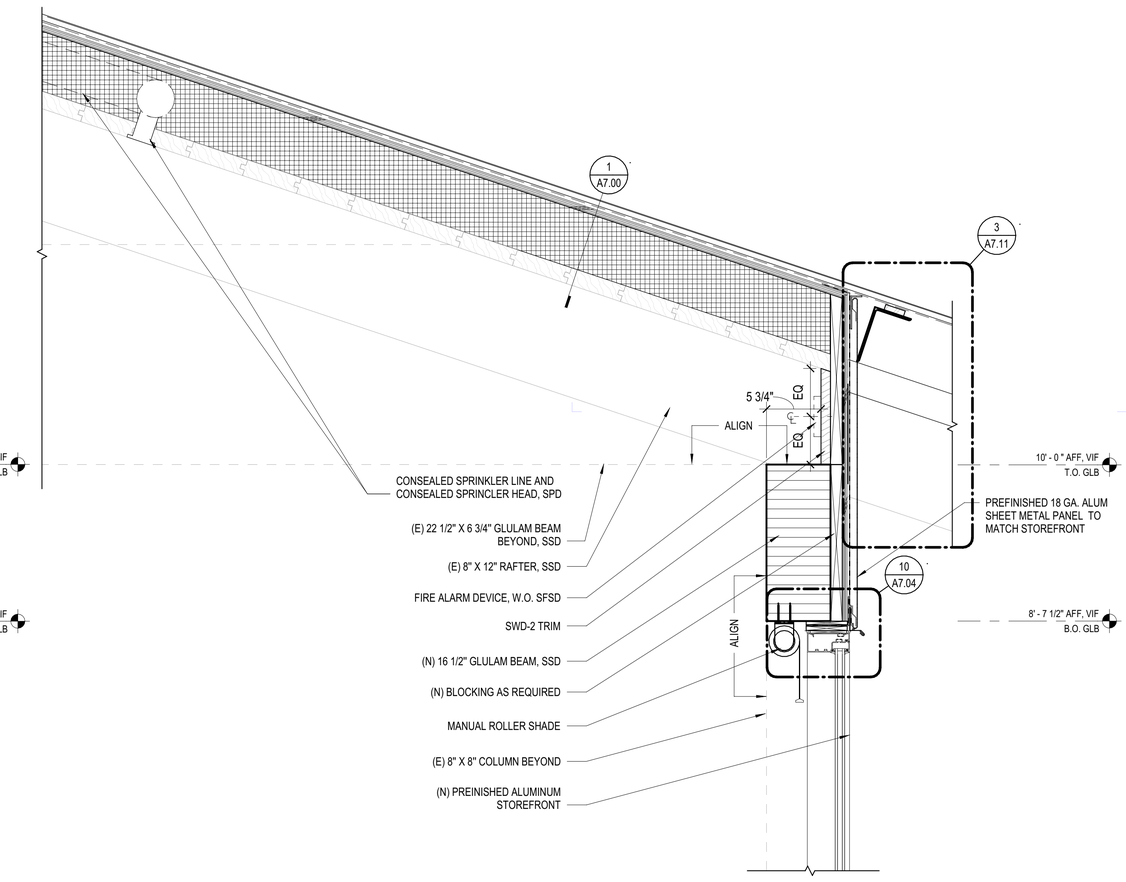
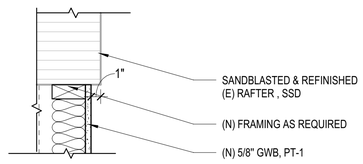


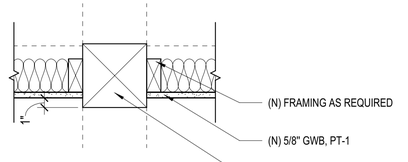
2 A8.20 MAIN ROOM CEILING @ FRAMELESS GLASS WALL
1 1/2" = 1'-0"



1 A8.20 MAIN ROOM CEILING @ SOUTH STOREFRONT
1 1/2" = 1'-0"

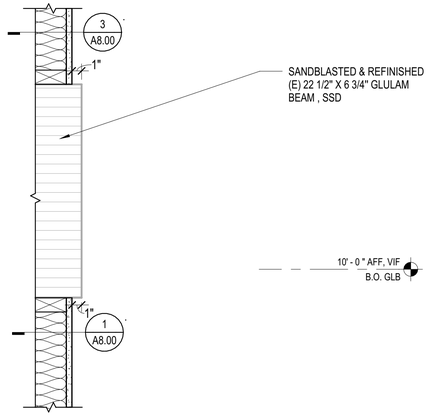


B: DETAIL AT (E) RAFTER

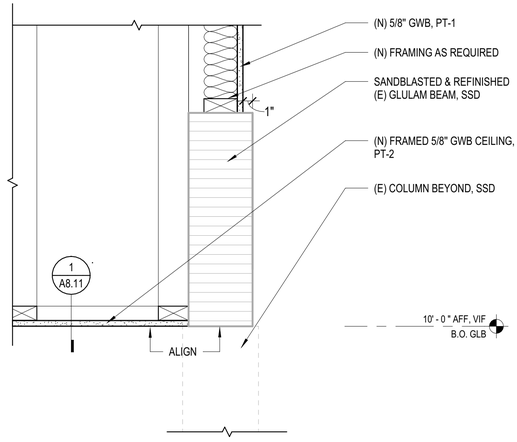


A: DETAIL AT (E) KING POST

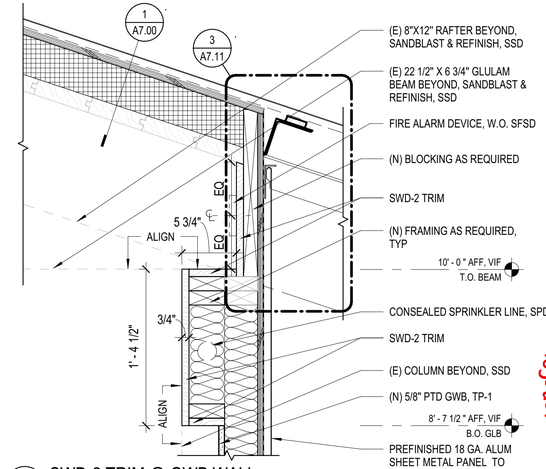
6 A8.20 GWB @ (E) KING POST AND (E) RAFTER
1 1/2" = 1'-0"



5 A8.20 GLB @ GWB WALL
1 1/2" = 1'-0"



4 A8.20 GLB @ GWB CEILING
1 1/2" = 1'-0"



3 A8.20 SWD-2 TRIM @ GWB WALL
1 1/2" = 1'-0"

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MADERA COUNTY

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
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BID SET

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INTERIOR DETAILS

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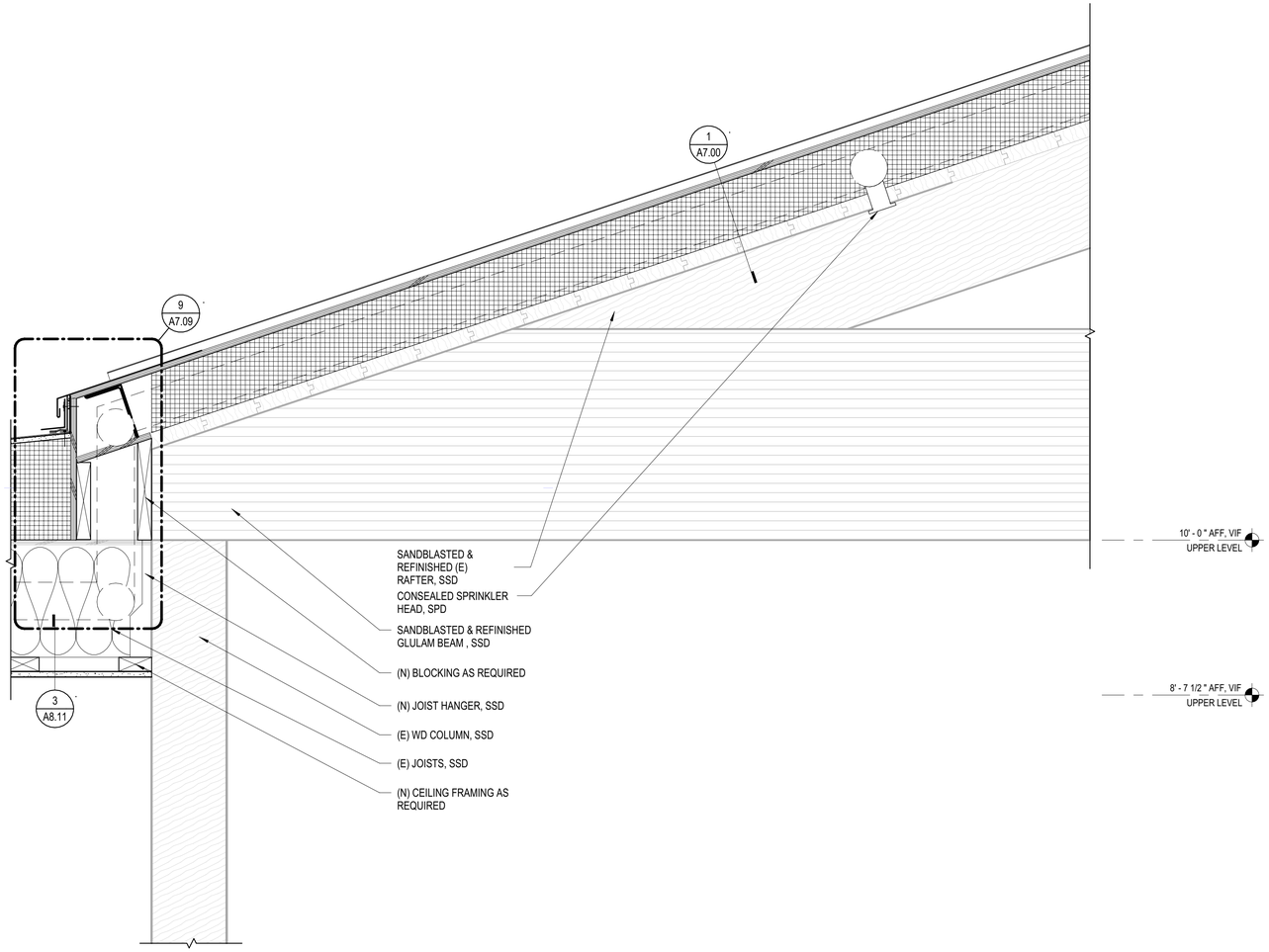
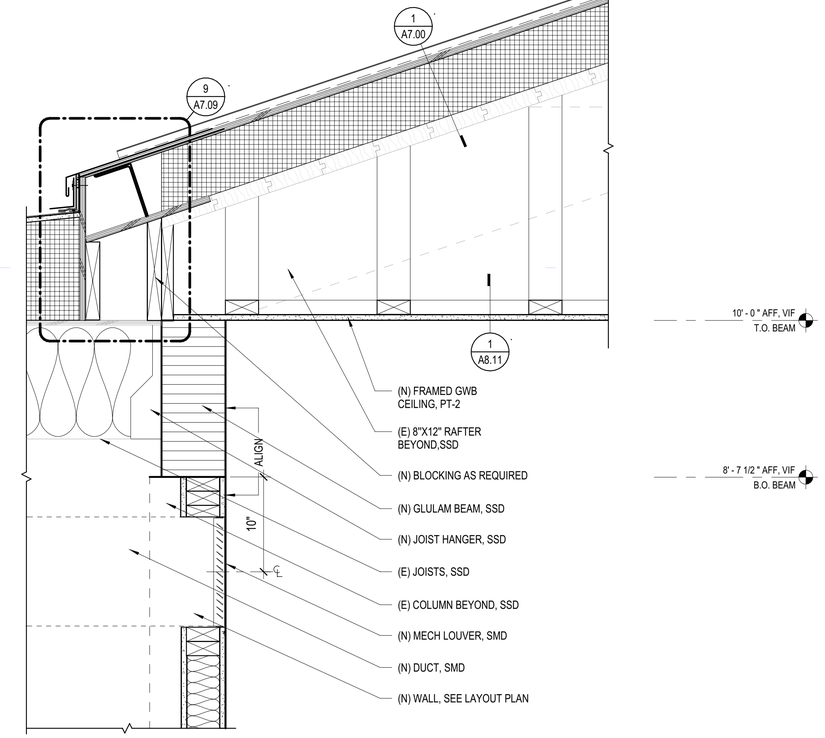


1 A8.21 MAIN ROOM CEILING @ COLUMN
1 1/2" = 1'-0"



2 A8.21 MAIN ROOM CEILING @ (N) WALL
1 1/2" = 1'-0"

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A8.21

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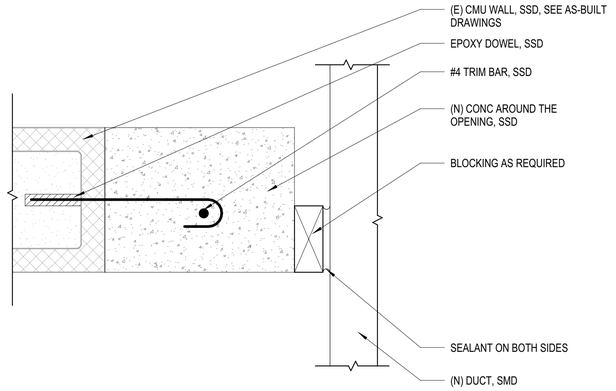
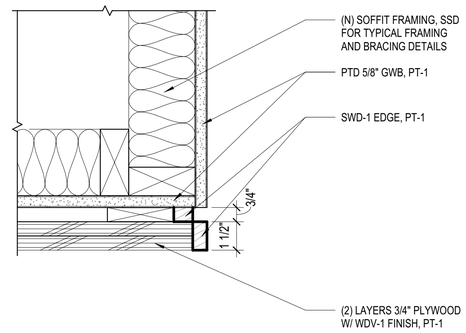
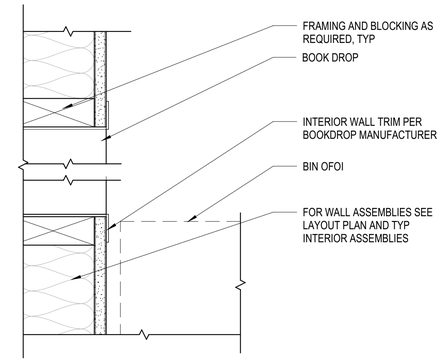


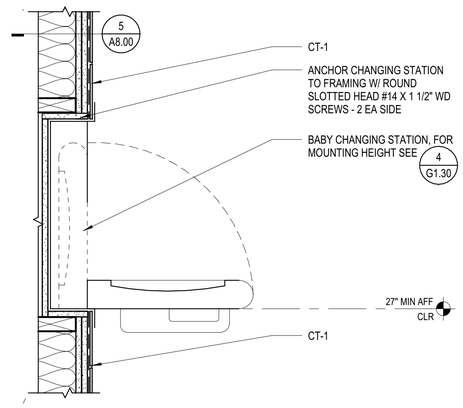
7 A8.22 OPENING @ (E) CMU - JAMB, HEAD & SILL
3" = 1'-0"



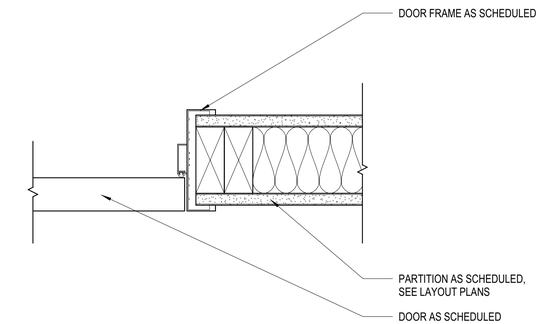
4 A8.22 WDV-1 FRAME @ GWB SOFFIT @ DRINKING FOUNTAIN - HEAD
3" = 1'-0"



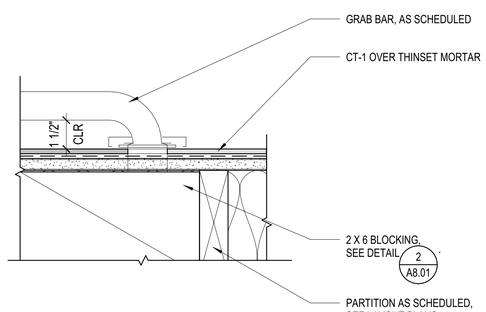
1 A8.22 BOOK DROP - SECTION
3" = 1'-0"



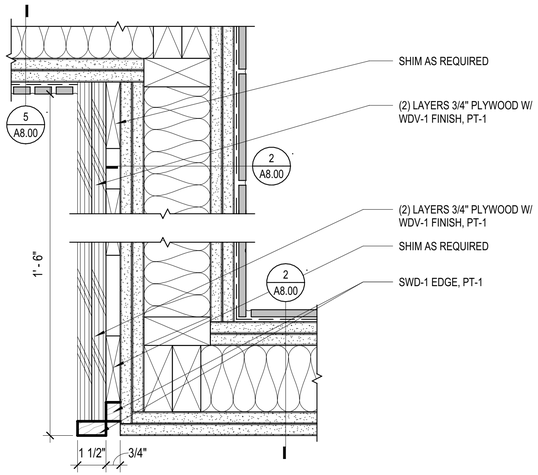
5 A8.22 RECESSED BABY CHANGING STATION
1 1/2" = 1'-0"



2 A8.22 TYPICAL INTERIOR DOOR HEAD / JAMB
3" = 1'-0"



6 A8.22 GRAB BAR BACKING
3" = 1'-0"



3 A8.22 WDV-1 FRAME @ DRINKING FOUNTAIN - JAMB
3" = 1'-0"

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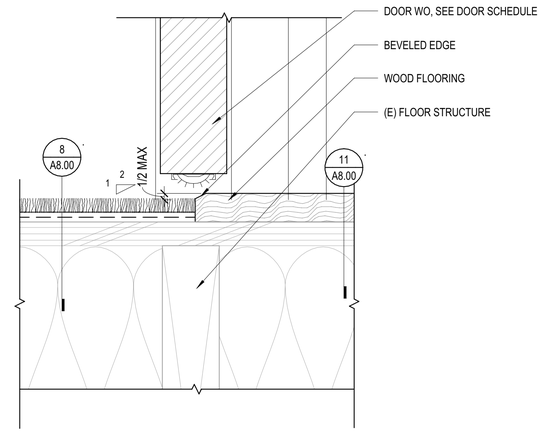
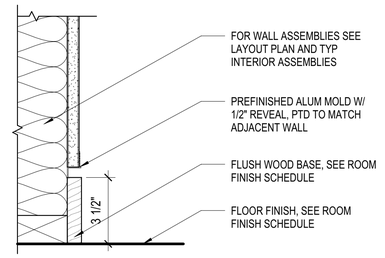
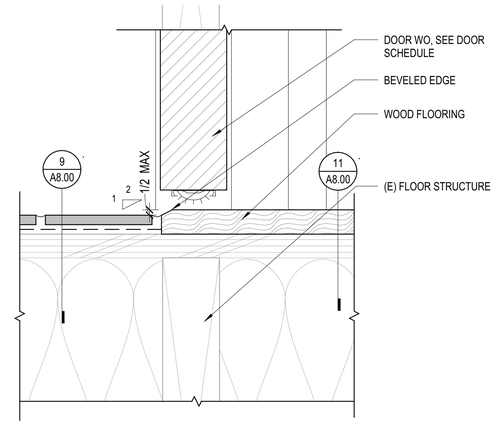


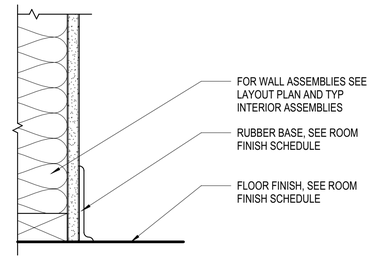
4 A8.24 FLOOR TRANSITION - CPT TO WDF
6" = 1'-0"



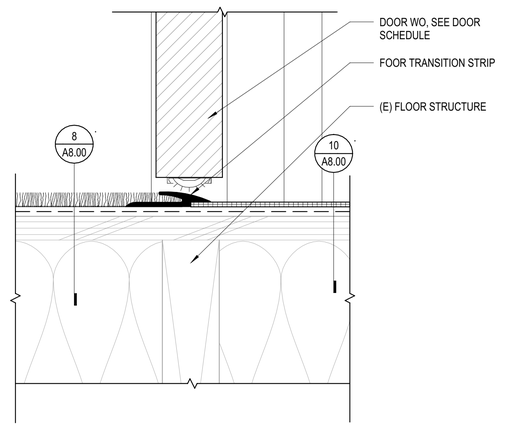
1 A8.24 TYPICAL WOOD BASE
3" = 1'-0"



5 A8.24 FLOOR TRANSITION - CT-2 TO WDF
6" = 1'-0"



2 A8.24 TYPICAL RUBBER BASE
3" = 1'-0"



3 A8.24 FLOOR TRANSITION - CPT TO RF
6" = 1'-0"

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SHEET NUMBER	A8.24

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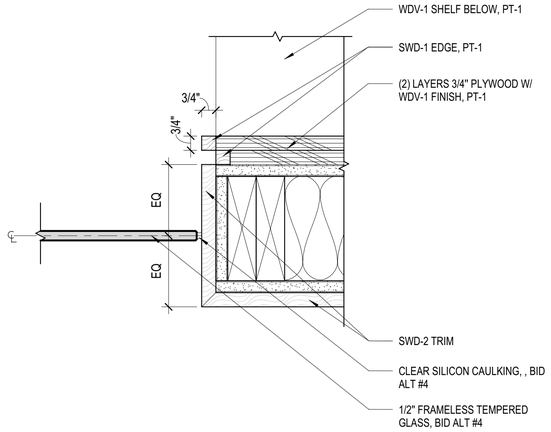
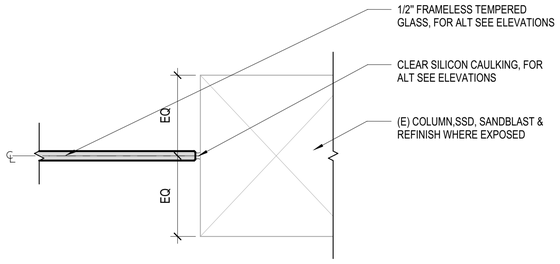
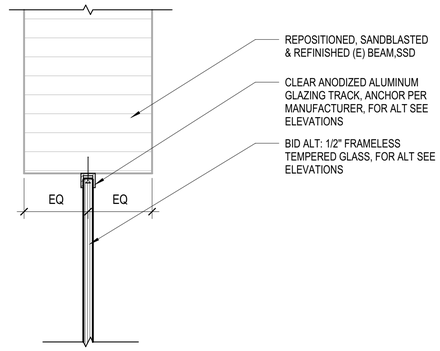


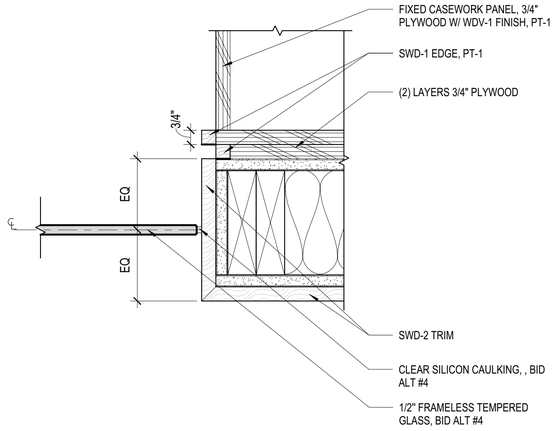
7 A8.25 FRAMELESS GLASS WALL @ WALL - JAMB
3" = 1'-0"



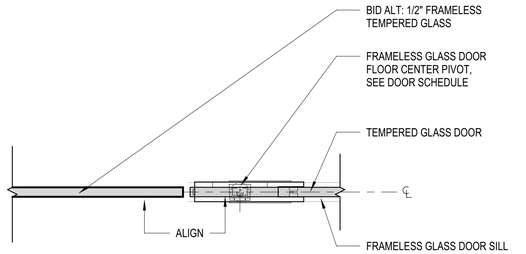
4 A8.25 FRAMELESS GLASS WALL @ COLUMN - JAMB
3" = 1'-0"



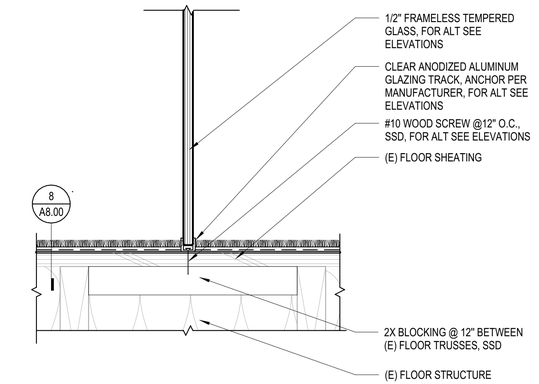
1 A8.25 TYPICAL FRAMELESS GLASS WALL - HEAD @ GLB
3" = 1'-0"



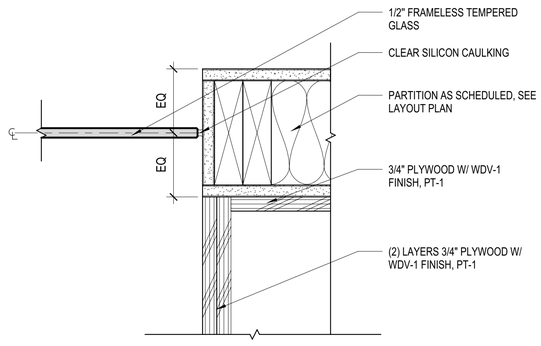
8 A8.25 CHILDREN'S CASEWORK END PANEL @ WD PANEL - JAMB
3" = 1'-0"



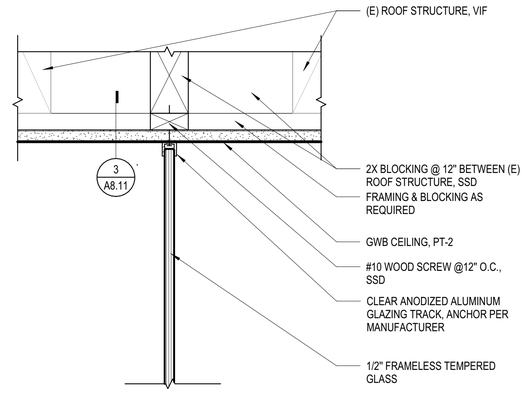
5 A8.25 FRAMELESS GLASS DOOR - JAMB - BID ALT 2 & 4
3" = 1'-0"



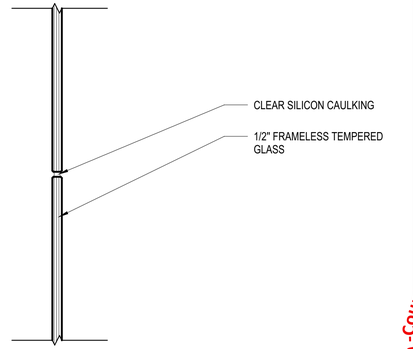
2 A8.25 TYPICAL FRAMELESS GLASS WALL - SILL
3" = 1'-0"



9 A8.25 CHILDREN'S CASEWORK END PANEL @ GLASS WALL
3" = 1'-0"



6 A8.25 FRAMELESS GLASS WALL - HEAD @ GWB CEILING
3" = 1'-0"



3 A8.25 TYPICAL FRAMELESS GLASS WALL - JOINT - BID ALT 2 & 4
3" = 1'-0"

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
INTERIOR DETAILS - GLAZING

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Plans Approved under the California Building Codes
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DATE	03/06/2026
SCALE	3" = 1'-0"
JOB NO.	2024-01
SHEET NUMBER	A8.25

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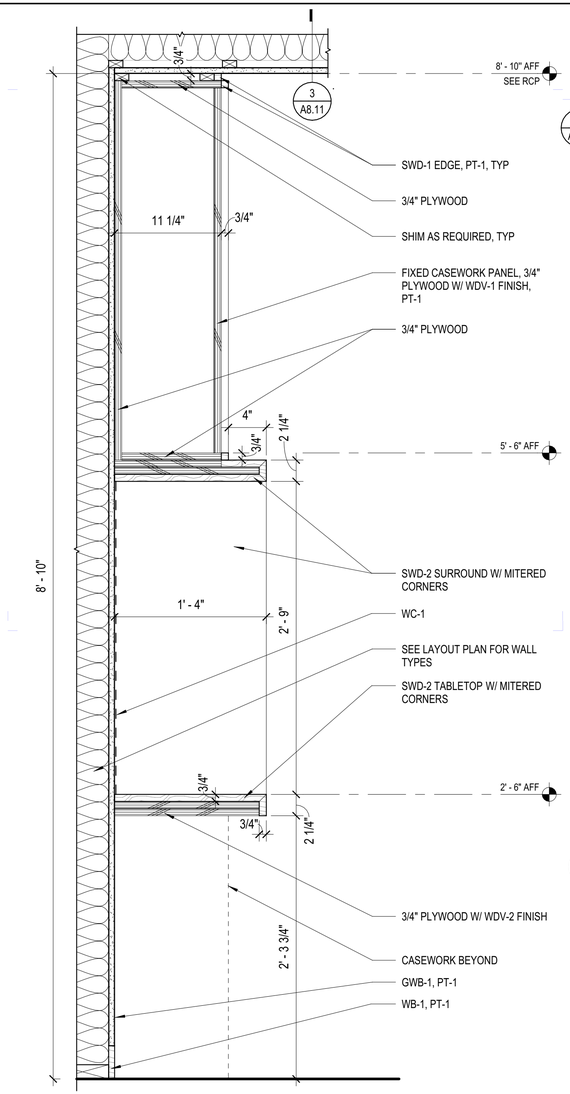
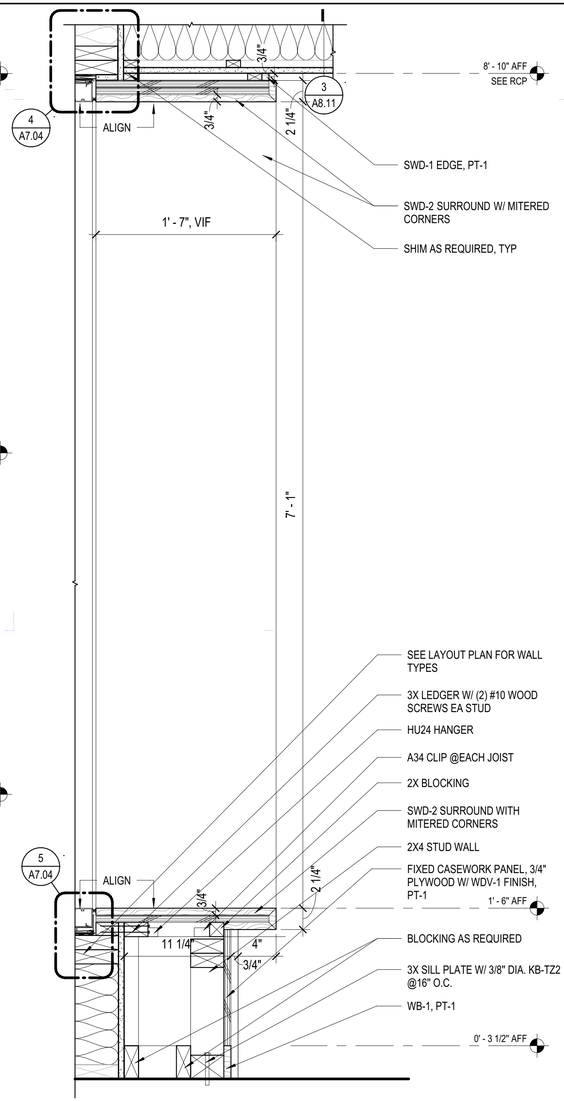
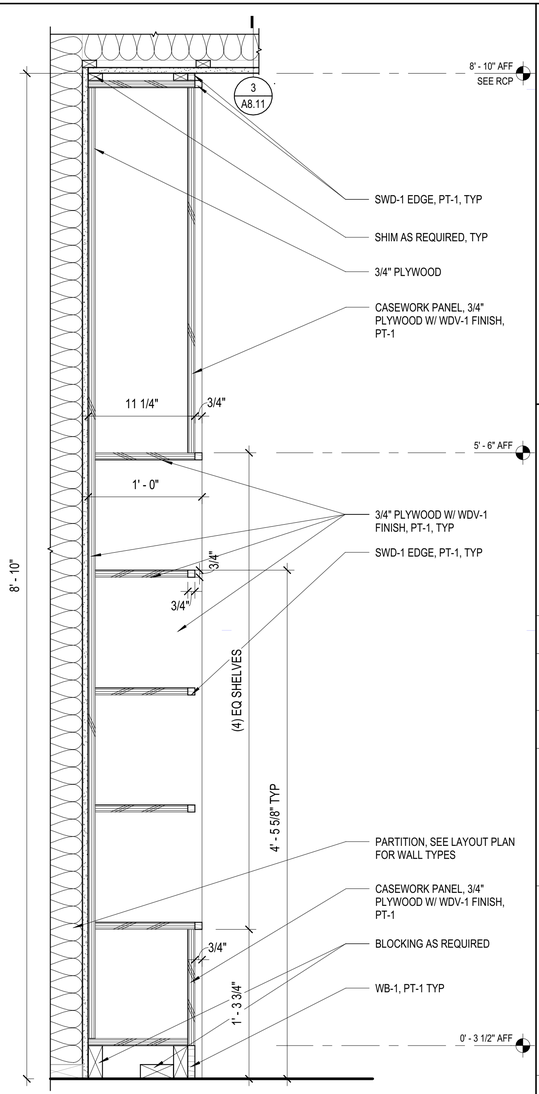


3 A8.60 CHILDREN'S BUILT-IN TABLE - SECTION
1 1/2" = 1'-0"



2 A8.60 CHILDREN'S SWD-2 WINDOW FRAME - SECTION
1 1/2" = 1'-0"



1 A8.60 TYPICAL CHILDREN'S BUILT-IN SHELVING - SECTION
1 1/2" = 1'-0"

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CASEWORK DETAILS - CHILDRENS

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SCALE 1 1/2" = 1'-0"
JOB NO. 2024-01
SHEET NUMBER
A8.60

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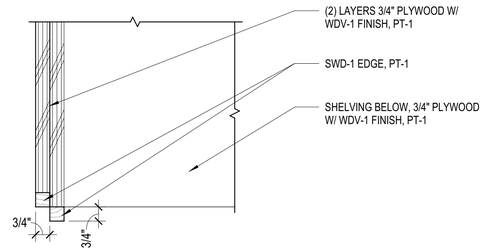
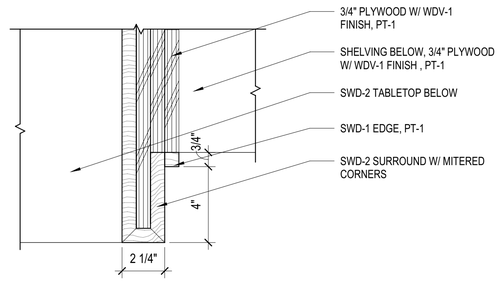
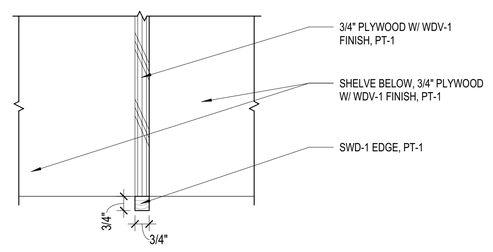


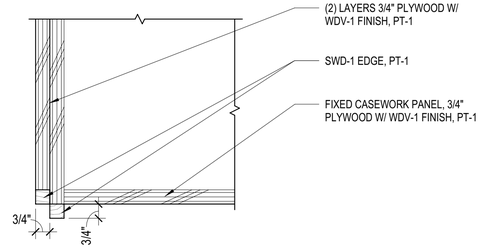
7 A8.61 CHILDREN'S CASEWORK END PANEL @ SHELF - JAMB
3" = 1'-0"



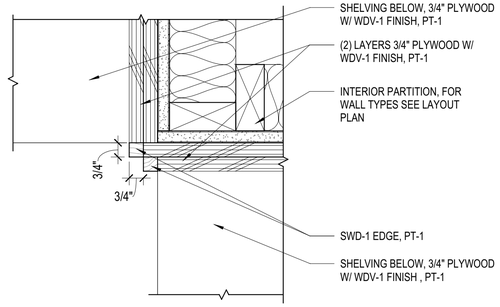
4 A8.61 TYPICAL CASEWORK SURROUND @ SHELVING - JAMB
3" = 1'-0"



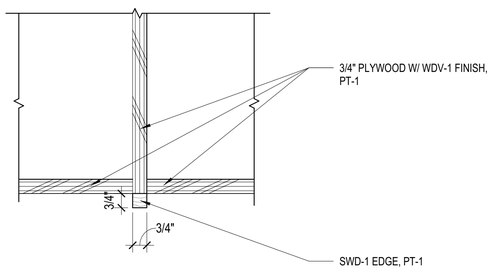
1 A8.61 TYPICAL SHELVING DIVIDER @ SHELVING - JAMB
3" = 1'-0"



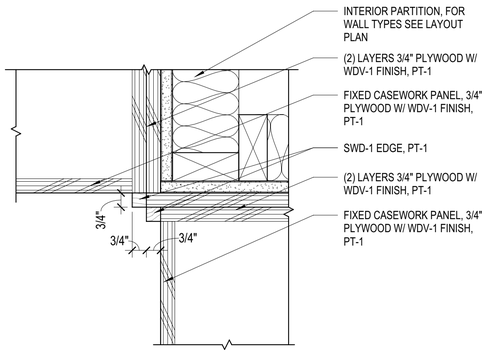
8 A8.61 CHILDREN'S CASEWORK END PANEL @ FIXED PANEL - JAMB
3" = 1'-0"



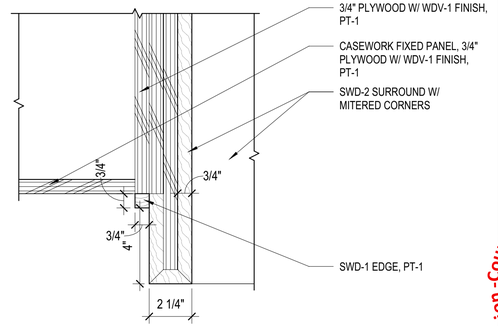
5 A8.61 TYP CHILDREN'S CASEWORK CORNER @ SHELF - JAMB
3" = 1'-0"



2 A8.61 TYPICAL SHELVING DIVIDER @ FIXED PANEL - JAMB
3" = 1'-0"



6 A8.61 TYP CHILDREN'S CASEWORK CORNER @ FIXED PANEL - JAMB
3" = 1'-0"



3 A8.61 TYPICAL CASEWORK SURROUND @ FIXED PANEL - JAMB
3" = 1'-0"

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SHEET NUMBER **A8.61**

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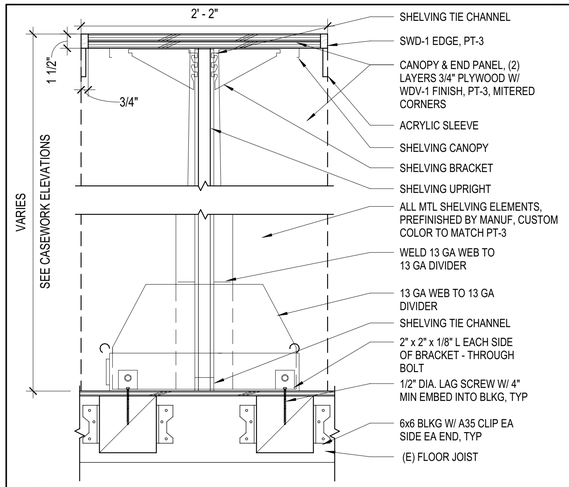
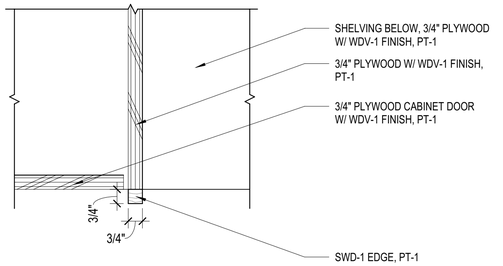
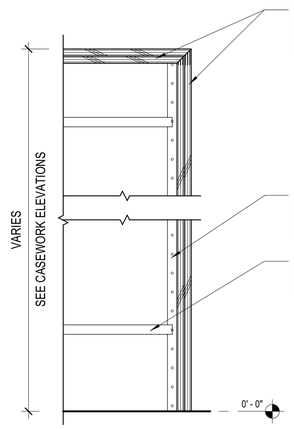


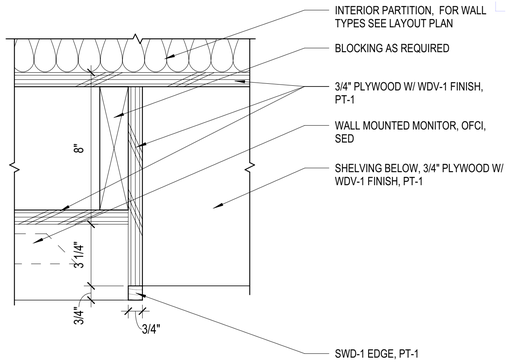
8 A8.62 FIXED METAL BOOK STACK @ FRAMED FLOOR
1 1/2" = 1'-0"



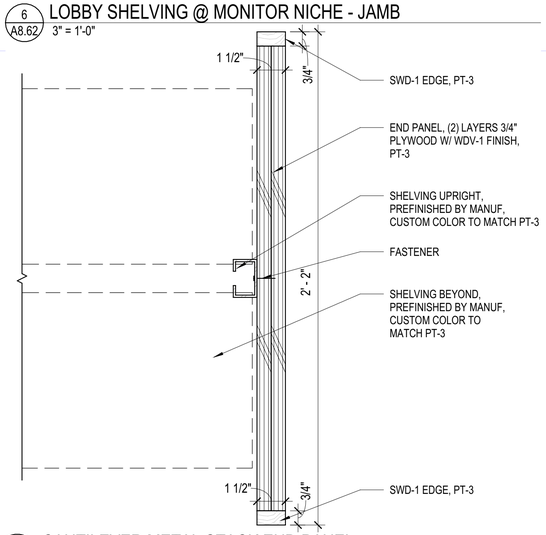
5 A8.62 LOBBY SHELVING @ CABINET - JAMB
3" = 1'-0"



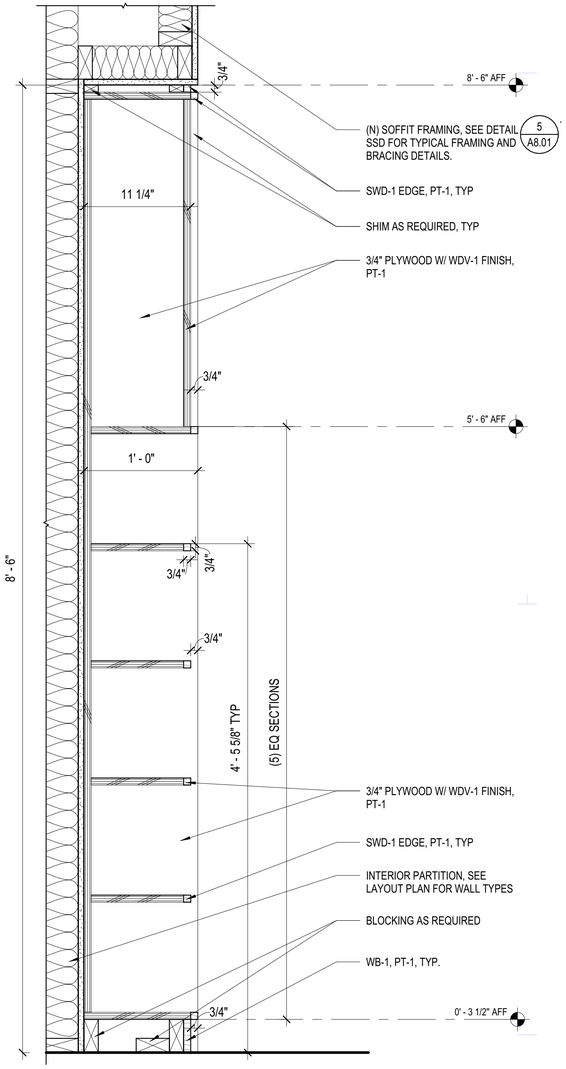
9 A8.62 CANTILEVER METAL STACK END PANEL SECTION
1 1/2" = 1'-0"



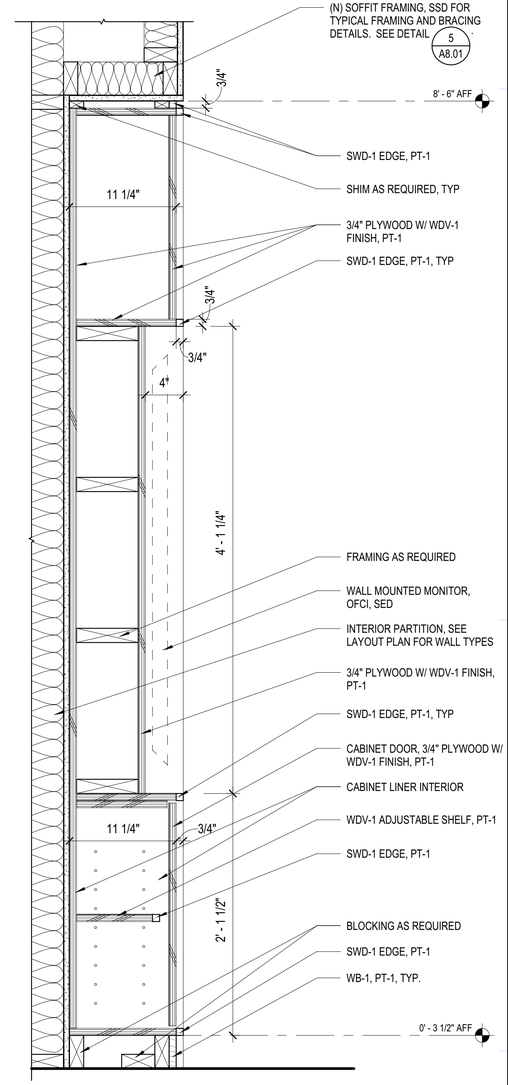
6 A8.62 LOBBY SHELVING @ MONITOR NICHE - JAMB
3" = 1'-0"



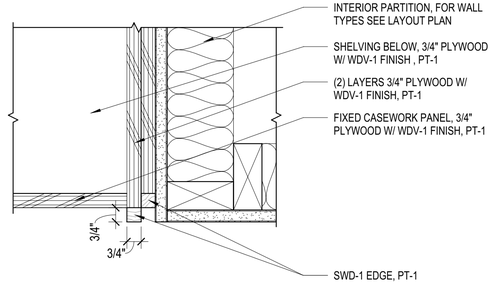
7 A8.62 CANTILEVER METAL STACK END PANEL
3" = 1'-0"



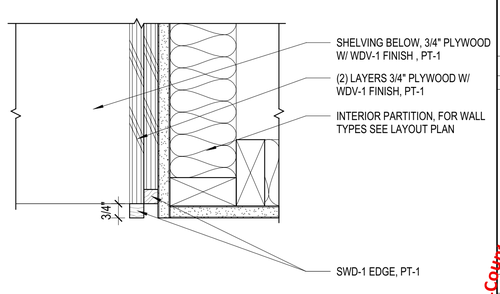
3 A8.62 BUILT-IN SHELVING @ LOBBY - SECTION
1 1/2" = 1'-0"



1 A8.62 WALL-MOUNTED MONITOR @ LOBBY - SECTION
1 1/2" = 1'-0"



4 A8.62 LOBBY SHELVING END PANEL @ FIXED PANEL - JAMB
3" = 1'-0"



2 A8.62 LOBBY SHELVING @ GWB - JAMB
3" = 1'-0"

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LICENSED ARCHITECT
ABRAHAM JAYSON
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REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CASEWORK DETAILS - LOBBY

REVISIONS

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SHEET NUMBER **A8.62**

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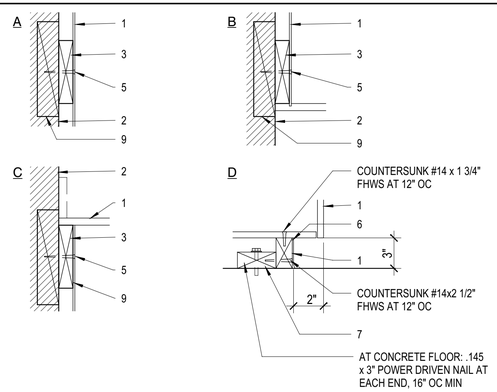
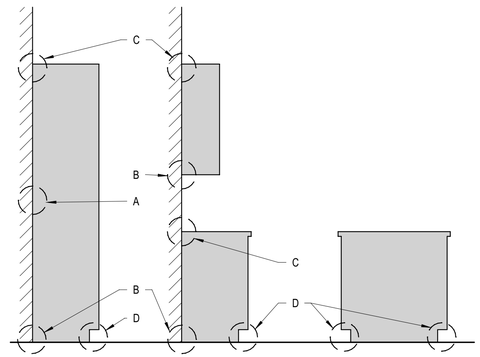
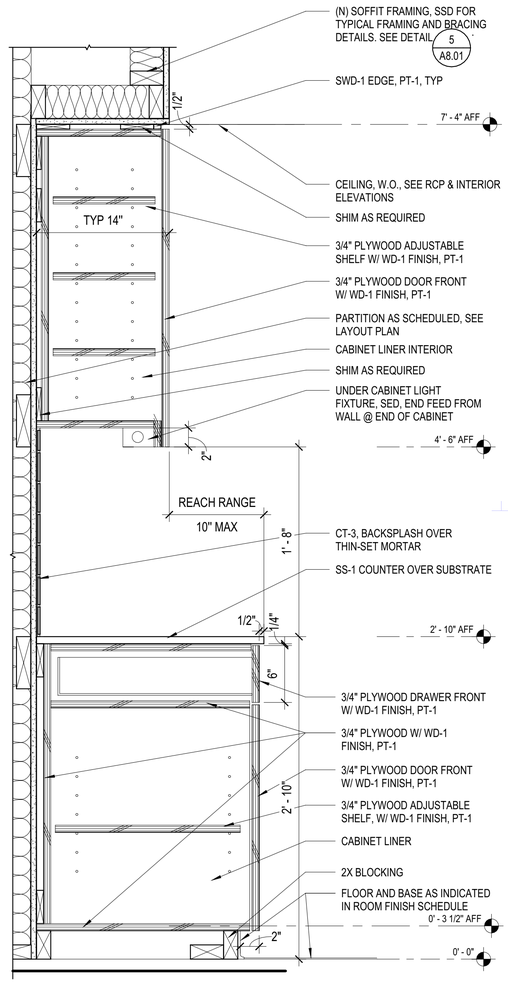


1. CASEWORK (FRONT) (BACK) (TOP) (BOTTOM)
2. FACE OF WALL
3. 1X4 CONTINUOUS WOOD CLEAT
4. 1X2 CONTINUOUS WOOD CLEAT
5. ANCHORAGE - TYPE VARIES BASE UPON WALL CONSTRUCTION AS FOLLOWS:
METAL STUD FRAMING - #10 X 3 1/2" FHWS @ 16" OC, 2" MAXIMUM FROM EACH END AT STUD OR BLOCKING. MINIMUM 2 PER CABINET W/ 3X4 WOOD BLOCKING WITH A34 EACH END AND TOP AND BOTTOM,
OR
MASONRY OR CONCRETE - 3/8" DIA RAMSET DYNABOLT SLEEVE ANCHORS (2" MIN EMBEDMENT) @ 24" OC, MINIMUM 2 PER CABINET.

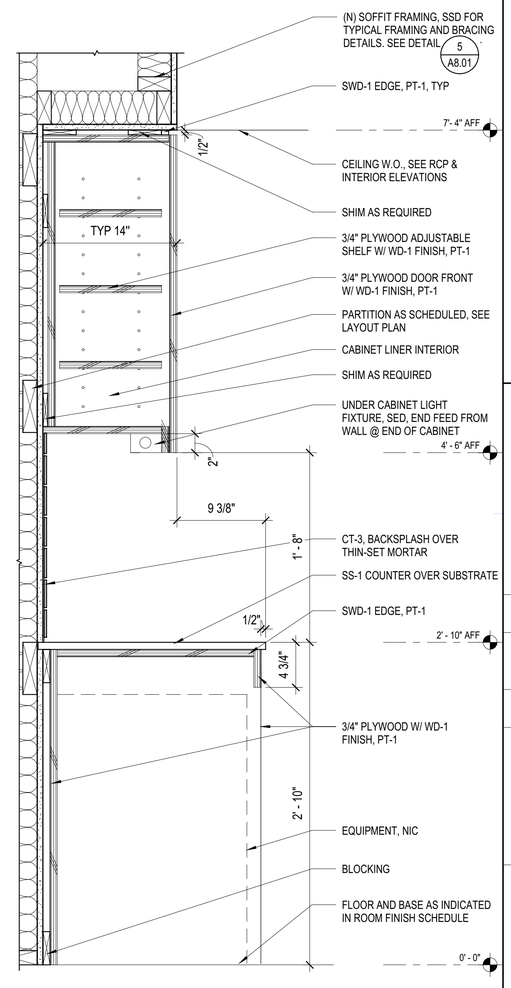
6. 2X SKIRT - BASE PER FINISH SCHEDULE
7. 2X4 PLATE
8. #10 X 3" FLAT HEAD WOOD SCREWS @ 24" OC.
9. NAILER AS REQUIRED



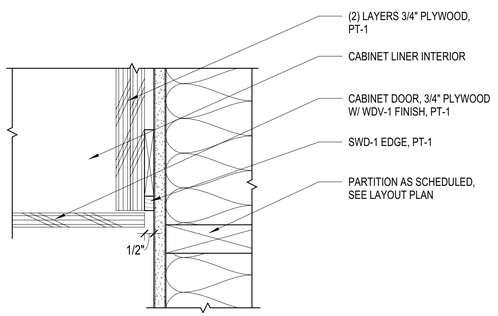
5 A8.63 TYPICAL CASEWORK ANCHORAGE
1/2" = 1'-0"



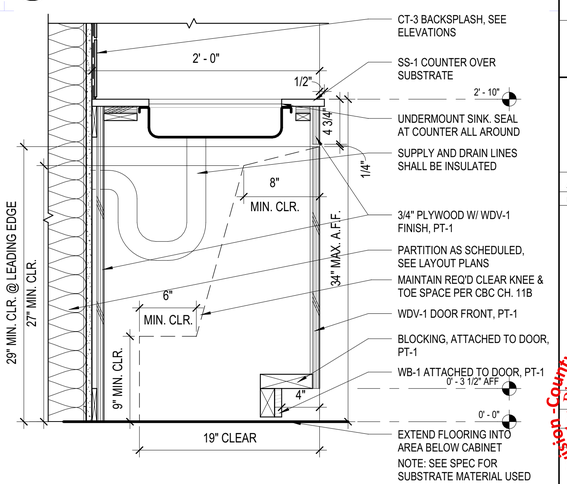
3 A8.63 STAFF UPPERS AND LOWERS - SECTION
1 1/2" = 1'-0"



1 A8.63 STAFF UPPERS AND COUNTERTOP - SECTION
1 1/2" = 1'-0"



4 A8.63 CABINET @ GWB WALL - JAMB
3" = 1'-0"



2 A8.63 TYPICAL - CABINET WITH ACCESSIBLE SINK
1 1/2" = 1'-0"

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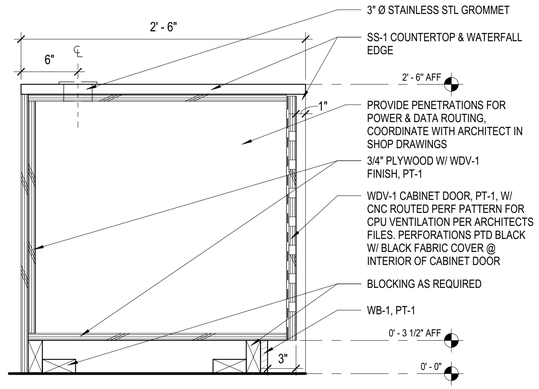
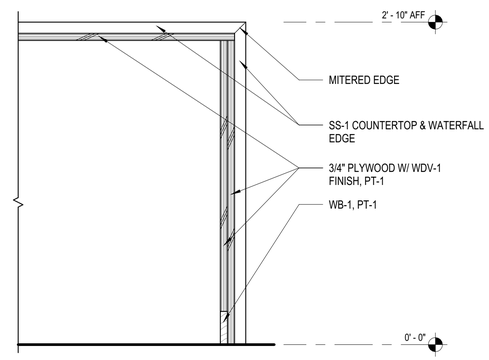
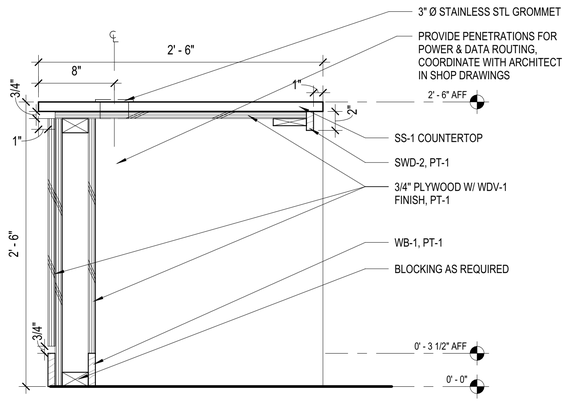


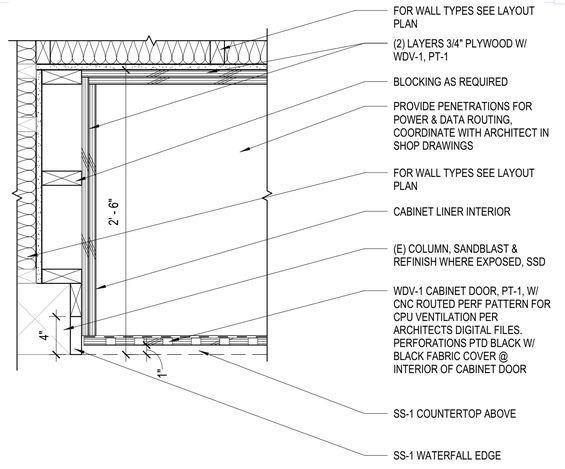
9 A8.64 SELF CHECK - SECTION
1 1/2" = 1'-0"



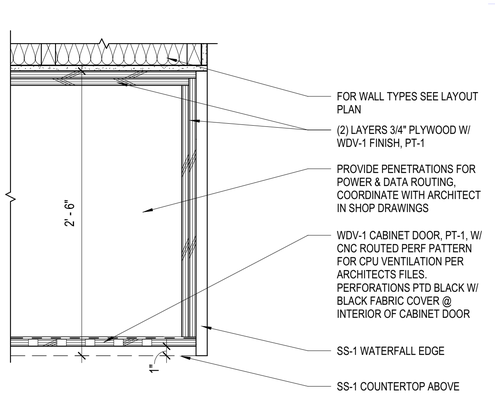
6 A8.64 CIRK DESK END PANEL - SECTION
1 1/2" = 1'-0"



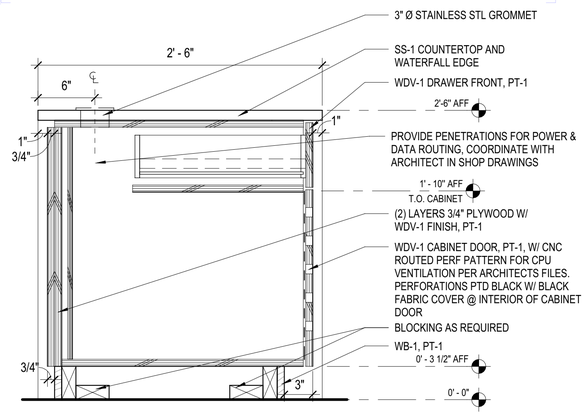
3 A8.64 CIRCULATION DESK - SECTION
1 1/2" = 1'-0"



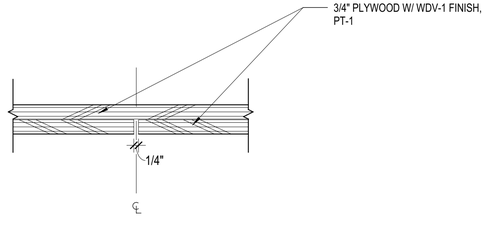
10 A8.64 SELF CHECK @ GWB WALL - JAMB
1 1/2" = 1'-0"



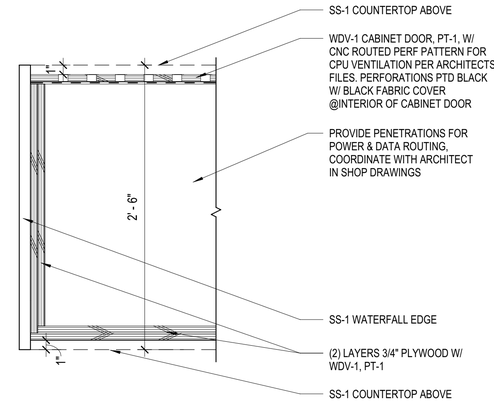
7 A8.64 SELF CHECK @ END PANEL - JAMB
1 1/2" = 1'-0"



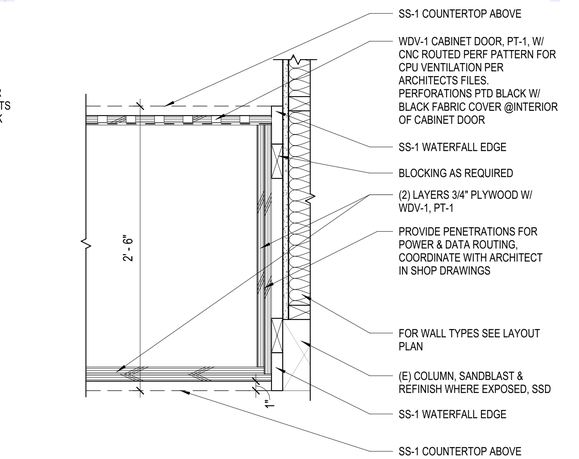
4 A8.64 CIRCULATION DESK @ DRAWER/CABINET - SECTION
1 1/2" = 1'-0"



11 A8.64 CIRCULATION DESK END PANEL REVEAL - JAMB
3" = 1'-0"



8 A8.64 CIRCULATION DESK END PANEL - JAMB
1 1/2" = 1'-0"



5 A8.64 CIRCULATION DESK END PANEL @ GWB WALL - JAMB
1 1/2" = 1'-0"

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CASEWORK DETAILS - CIRC DESK & SELF-CHECK

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
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SHEET NUMBER	A8.64

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FINISH SCHEDULE LEGEND

ACT-1	ACOUSTIC CEILING TILE
CPT-1	CARPET TILE
CT-1	CERAMIC TILE 1 - WALL TILE
CT-2	CERAMIC TILE 2 - FLOOR TILE
CT-3	CERAMIC TILE 3 - ACCENT WALL TILE
FAB-1:	CABINET SCRIM
FRP -1:	FRP PANELING
GWB-1	PAINTED GYPSUM WALL BOARD, LEVEL 5 FINISH
GWB-2	PAINTED GYPSUM WALL BOARD, LEVEL 4 FINISH
MTL-1	METAL 1 - PREFINISHED STAINLESS STEEL TO MATCH STOREFRONT
PT-1	PAINT 1 - INTERIOR PAINT, EGGSHELL SHEEN (WALLS)
PT-2	PAINT 2 - INTERIOR PAINT, FLAT SHEEN (CEILINGS)
PT-3	PAINT 3 - EXTERIOR / INTERIOR PAINT, BENJAMIN MOORE TO MATCH STOREFRONT
PT-4	PAINT 4 - INTERIOR CODE SIGNAGE PAINT
RB-1	RUBBER BASE
RF-1	RESILIENT FLOOR
SS-1	SOLID SURFACE - 2CM - QUARTZ
SWD-1	SOLID WOOD 1 - POPLAR, PAINT-GRADE
SWD-2	SOLID WOOD 2 - DOUGLAS FIR SOLID WOOD, CLEAR STAIN
WB-1	WOOD BASE 1 - SOLID WOOD BASE, PAINT TO MATCH ADJACENT WALL, 1X4 POPLAR
WC-1:	WALL COVERING 1 - CHILDREN'S - CUSTOM VINYL GRAPHIC
WDV-1:	WOOD VENEER 1 - POPLAR, PAINT GRADE VENEER
WDV-2:	WOOD VENEER 2 - DOUGLAS FIR VERTICAL GRAIN VENEER, CLEAR STAIN
WF-1:	WOOD FLOOR - DOUGLAS FIR

GENERAL NOTES

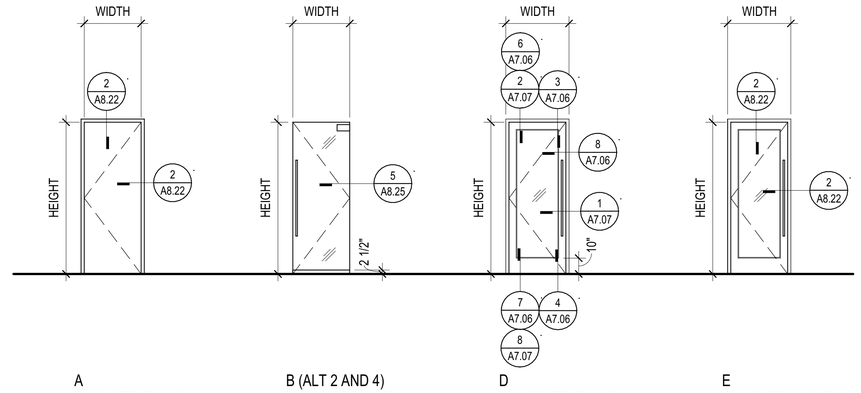
1.DOOR FRAME THROAT DEPTH VARIES, COORDINATE PER WALL PARITITION TYPES
2. ALL ALUMINUM FRAME DOORS TO HAVE 2" WIDE SNAP ON ALUMINUM TRIM
3. ALL LOCKS AND LATCHES SHALL BE LEVER OPERATED AND SHALL BE OF SUCH CONSTRUCTION THAT WHEN LOCKED THE DOOR MAY BE OPENED FROM WITHIN BY USING LEVER AND WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE, PER CBC 1008.1.9.
4. ALL WOOD DOORS TO BE PREFINISHED
5. PROVIDE DOOR HARWARE AT ALL EXTERIOR AND INTERIOR DOORS TO MEET CBC SECTION 11B-404.2.9 DOOR OPENING FORCE & CLOSER SPEED
6. ALL HAND OPERATED HARDWARE AND DOOR CONTROLS TO BE MOUNTED BETWEEN 34" MIN AND 44" MAX TO TOP OF CONTROLS
7. ALL GLASS IN DOORS AND ADJACENT GLAZING TO BE TEMPERED SAFETY GLAZING

ROOM FINISH SCHEDULE

#	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS	AREA
101	UNOCCUPIED	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) GWB CEILING TO REMAIN		970 SF
102	UNOCCUPIED	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) GWB CEILING TO REMAIN		32 SF
103	UNOCCUPIED	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) GWB CEILING TO REMAIN		55 SF
104	UNOCCUPIED	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) GWB CEILING TO REMAIN		207 SF
105	UNOCCUPIED	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) GWB CEILING TO REMAIN		139 SF
01 - LOWER LEVEL							
201	LOBBY	WF-1	WB-1	GWB-1	GWB-1		222 SF
202	RESTROOM	CT-2	CT-1	CT-1 TO 4' - 6"	GWB-1		77 SF
203	RESTROOM	CT-2	CT-1	CT-1 TO 4' - 6"	GWB-1		76 SF
204	READING ROOM	CPT-1	WB-1	GWB-1	OPEN	SANDBLAST & REFINISH (E) EXPOSED STRUCTURE AND T&G DECK	1242 SF
205	CIRCULATION DESK	WF-1	WB-1	GWB-1	GWB-1		78 SF
206	STAFF ROOM	CPT-1	RB-1	GWB-1	ACT-1		211 SF
207	MECHANICAL, ELECTRICAL & STORAGE	RF-1	RB-1	GWB-2	OPEN		158 SF
209	JANITOR	RF-1	RB-1	FRP-1	OPEN		35 SF
210	MEETING ROOM	CPT-1	WB-1	GWB-1	GWB-1		228 SF
211	CHILDREN'S	CPT-1	WB-1	GWB-1	GWB-1		286 SF
02 - UPPER LEVEL							

DOOR SCHEDULE

#	TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	GLASS FINISH	FRAME MATERIAL	FRAME FINISH	HARDWARE	COMMENTS
101	D	3' - 3"	8' - 7 1/4"	GLASS, ALUM	CLR, TEMPERED	ALUM	PREFINISHED	01	TRANSLUCENT FILM
201	D	3' - 2"	9' - 7"	GLASS, ALUM	CLR, TEMPERED	ALUM	PREFINISHED	02	ENTRY; CONCEALED OPENER, PANIC HDWRE
202	A	3' - 0"	8' - 3"	PTD SOLID CORE WD	N/A	ALUM	PTD	03	
203	A	3' - 0"	8' - 3"	PTD SOLID CORE WD	N/A	ALUM	PTD	03	
206	E	3' - 0"	7' - 0"	PTD SOLID CORE WD	FROSTED, TEMPERED	TRIMLESS	PTD	04	FULL GLASS LIGHT
207	A	3' - 0"	7' - 0"	PTD SOLID CORE WD	N/A	ALUM	PTD	06	
209	A	3' - 0"	7' - 0"	PTD SOLID CORE WD	N/A	ALUM	PTD	05	
210	B	3' - 1"	8' - 7"	FRAMELESS GLASS DOOR	CL, TEMPERED	N/A	N/A	07	ALTERNATE 2
211	B	3' - 1"	8' - 7"	FRAMELESS GLASS DOOR	CL, TEMPERED	N/A	N/A	07	ALTERNATE 4
212	D	3' - 0"	8' - 5"	GLASS, ALUM	CLR, TEMPERED	ALUM	PREFINISHED	01	EGRESS; PANIC HDWRE



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MADERA COUNTY

PROJECT

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32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
ROOM FINISH SCHEDULE / DOOR SCHEDULE

REVISIONS

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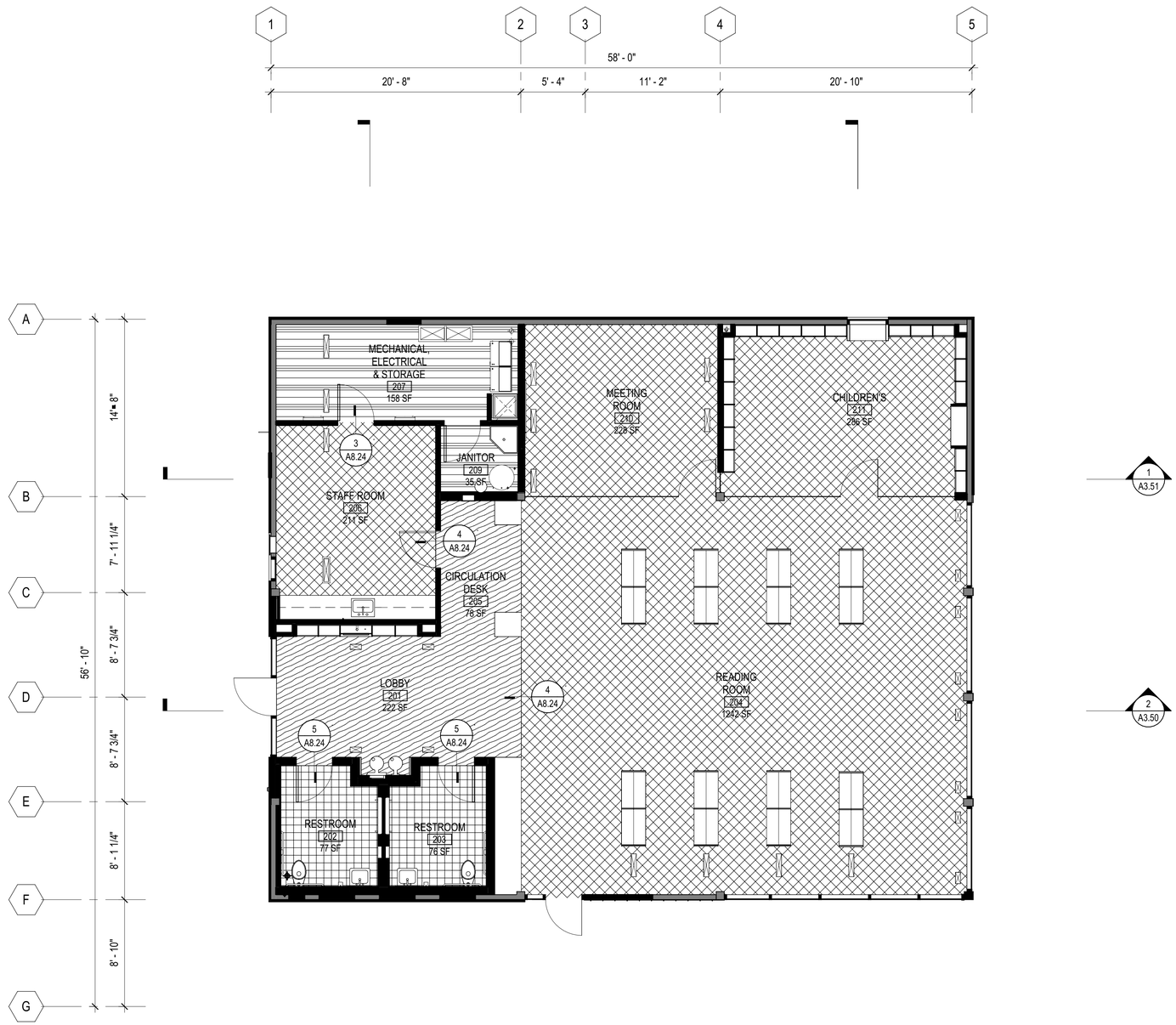

1 A9.10 02 - FINISH PLAN
3/16" = 1'-0"

0' 3' 6' 11'

N

GENERAL NOTES

1. COORDINATE WITH ARCHITECT PLACEMENT OF ALL DIFFUSERS IN FIELD PRIOR TO INSTALLATION

FLOOR FINISH LEGEND

- CPT-1
- WDF-1
- CT-1
- RF-1
- FLOOR DIFFUSER, SMD

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SHEET TITLE
FINISH PLAN

REVISIONS

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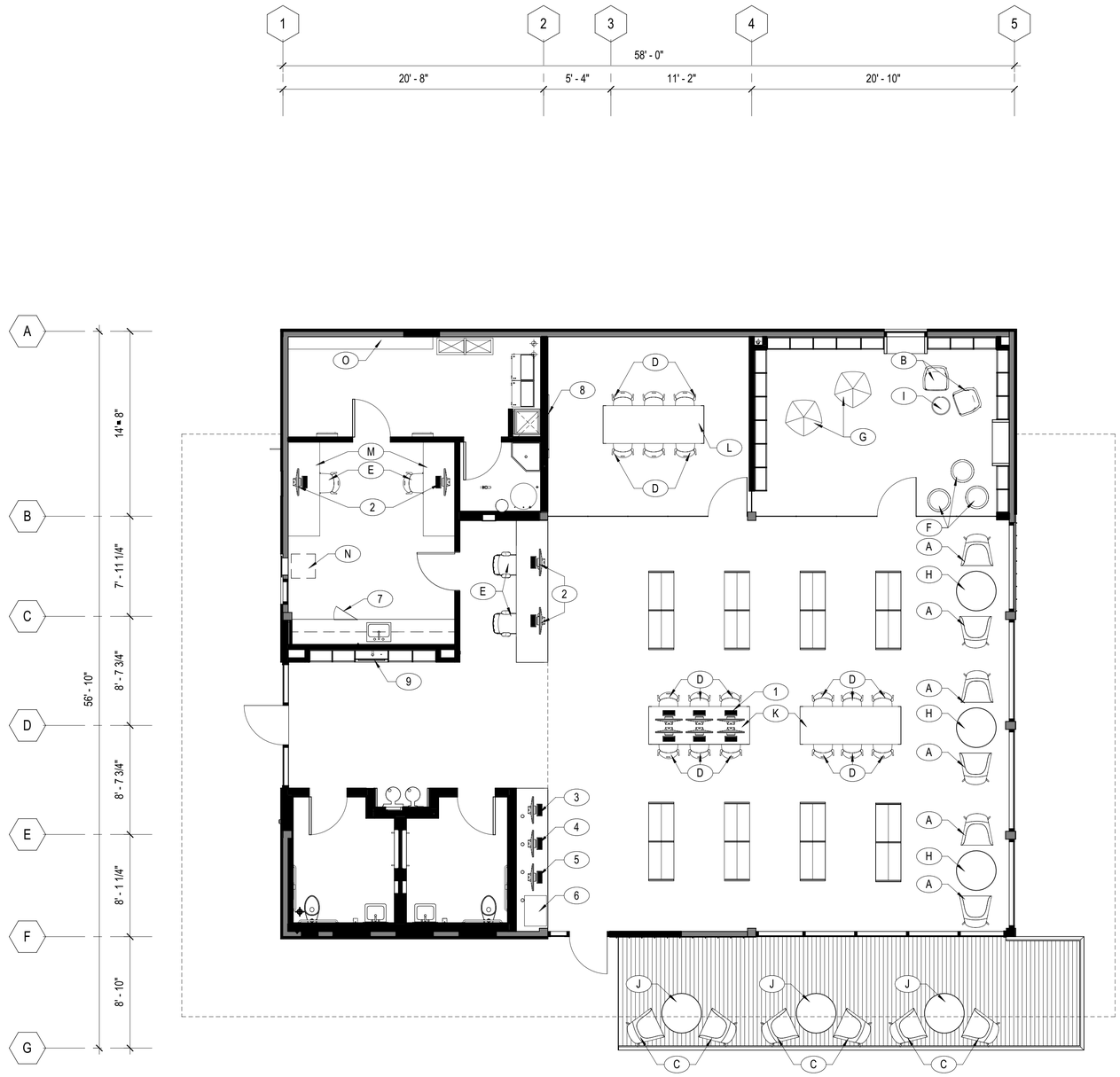

1 A9.20 02 - FURNITURE PLAN - UPPER LEVEL

3/16" = 1'-0"

0' 3' 6' 11'

N

GENERAL NOTES

1. FURNITURE AND TECHNOLOGY IS NOT IN CONTRACT AND SHOWN FOR REFERENCE ONLY

KEY NOTES

- A LOUNGE CHAIR - TYPE I, NIC
- B LOUNGE CHAIR - TYPE II, NIC
- C LOUNGE CHAIR - TYPE III, NIC
- D TASK CHAIR, NIC
- E STAFF TASK CHAIR - TYPE I, NIC
- F POUF SEATING - TYPE I, NIC
- G POUF SEATING - TYPE II, NIC
- H COFFEE TABLE - TYPE I, NIC
- I COFFEE TABLE - TYPE II, NIC
- J COFFEE TABLE - TYPE III, NIC
- K TASK TABLE, NIC
- L MEETING TABLE, NIC
- M STAFF TASK TABLE, NIC
- N BOOK BIN, NIC
- O METAL SHELVING, NIC

TECHNOLOGY

- 1 PUBLIC COMPUTER, NIC, SED
- 2 STAFF COMPUTER, NIC, SED
- 3 SELF CHECK, NIC, SED
- 4 CATALOG COMPUTER, NIC, SED
- 5 PRINT RELEASE COMPUTER, NIC, SED
- 6 COPIER / PRINTER, NIC, SED
- 7 UNDERCOUNTER MINI FRIDGE, OFCI
- 8 WALL MOUNTED MONITOR, NIC, SED
- 9 MULTIMEDIA SCREEN, NIC, SED

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SHEET TITLE
FURNITURE PLAN (FOR REFERENCE ONLY)

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VIEW FROM COUNTY ROAD 222

ARCHITECT'S VISUALIZATION, DETAILS MAY VARY

REFER TO PLANS, SECTIONS, ELEVATIONS & DETAILS

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SHEET TITLE
RENDERINGS

△ REVISIONS

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SHEET NUMBER **A9.60**

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VIEW OF THE SOUTH FACADE & OUTDOOR DECK
ARCHITECT'S VISUALIZATION, DETAILS MAY VARY
REFER TO PLANS, SECTIONS, ELEVATIONS & DETAILS

OWNER

MADERA COUNTY

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California Building Code 2022

DATE	03/06/2026
SCALE	
JOB NO.	2024-01
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VIEW TO THE WEST ENTRANCE

ARCHITECT'S VISUALIZATION, DETAILS MAY VARY

REFER TO PLANS, SECTIONS, ELEVATIONS & DETAILS

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SHEET NUMBER **A9.62**

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VIEW OF THE MAIN ENTRANCE & WEST FACADE FROM THE PARKING LOT

ARCHITECT'S VISUALIZATION, DETAILS MAY VARY

REFER TO PLANS, SECTIONS, ELEVATIONS & DETAILS

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INTERIOR VIEW TO THE EAST

ARCHITECT'S VISUALIZATION, DETAILS MAY VARY

REFER TO PLANS, SECTIONS, ELEVATIONS & DETAILS

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A9.64

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INTERIOR VIEW OF CHILDRENS AREA LOOKING EAST

ARCHITECT'S VISUALIZATION, DETAILS MAY VARY

REFER TO PLANS, SECTIONS, ELEVATIONS & DETAILS

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SHEET NUMBER **A9.65**

3/6/2026 4:49:15 PM

INTERIOR VIEW OF CHILDRENS AREA

ARCHITECT'S VISUALIZATION, DETAILS MAY VARY

REFER TO PLANS, SECTIONS, ELEVATIONS & DETAILS

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SHEET NUMBER
A9.66

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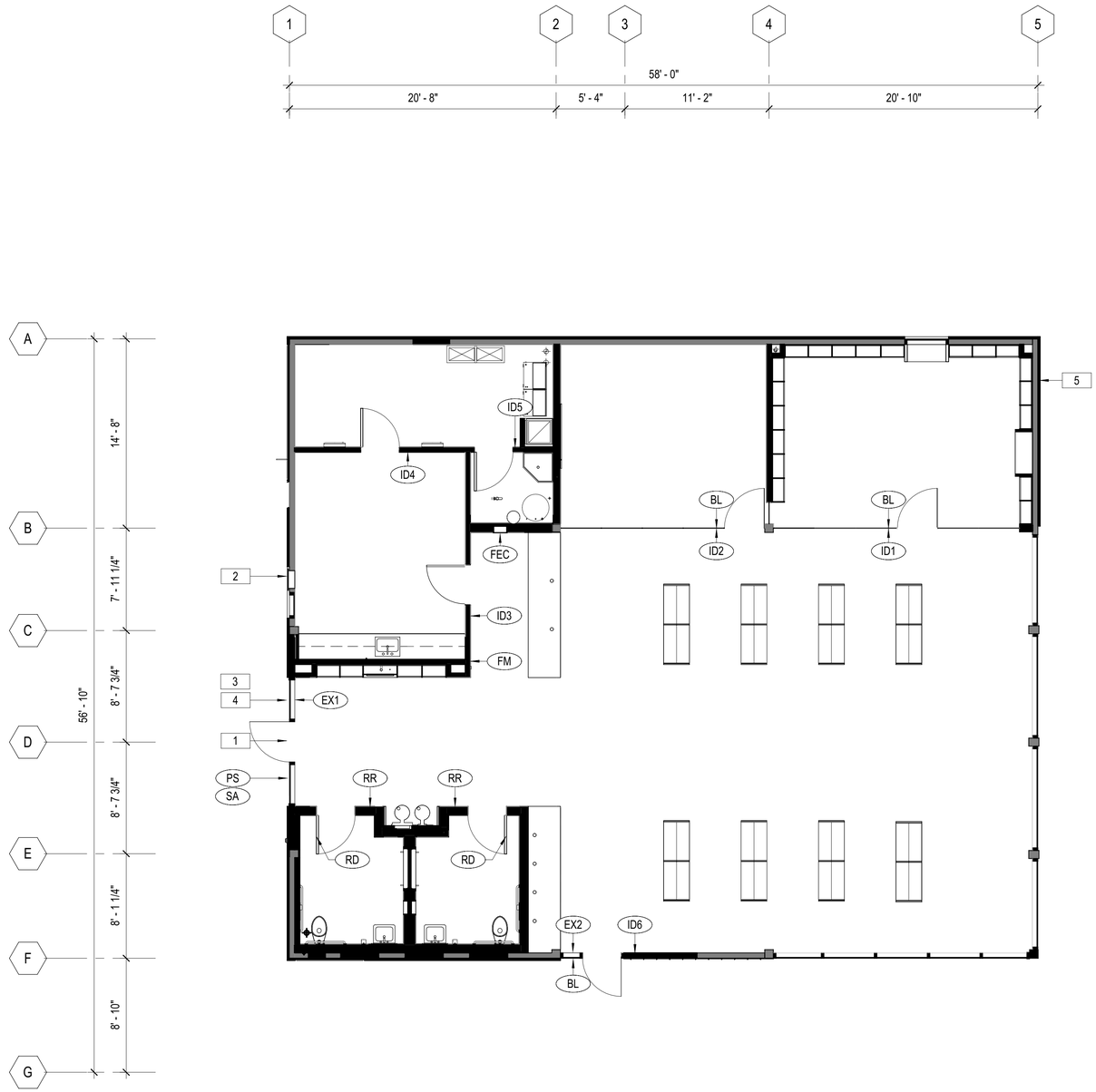

1 SIGNAGE PLAN - UPPER LEVEL
SG1.00 3/16" = 1'-0"

0' 3' 6' 11'

N

GENERAL NOTES

1. ALL SIGNAGE TO BE FABRICATED FROM DIGITAL FILES PROVIDES BY ARCHITECT. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
2. MOUNTING HEIGHT SHALL BE PER DETAIL.
3. ALL INTERIOR SIGNS SHALL BE 1/8" THICK MINIMUM. (UON)
4. ALL EXTERIOR SIGNS SHALL BE 1/4" THICK MINIMUM. (UON)
5. PER CBC TABLE 11B-703.3.1: CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHENEVER BRAILLE SYMBOLS ARE REQUIRED. DOTS SHALL BE 1/10 INCH (2.54 mm) ON CENTERS IN EACH CELL WITH 2/10 INCH (5.08 mm) SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 (0.635 mm) ABOVE THE BACKGROUND AND SHALL BE DOMED OR ROUND.
6. FOR BRAILLE LOCATION REQUIREMENTS ON THE SIGN SEE ELEVATIONS AND DETAILS. RAISED CHARACTERS: ALL TACTILE SIGNS (SIGNS WHICH INCLUDE BRAILLE) SHALL HAVE THE SIGN LETTERING RAISED 1/32" AND SHALL BE 5/8" MIN. TO 2" MAX. IN HEIGHT, VERIFY ALL TEXT SIZES PRIOR TO FABRICATION.
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8. ALL SIGNS SHALL HAVE 1/8" MIN. RADIUS CORNERS WITH ALL EDGES EASED. SUBMIT A DRAWING SET FOR APPROVAL WHICH IDENTIFIES SIGNAGE TYPES, MATERIALS & FINISHES, LOCATIONS, ROOM NUMBERS, TEXT & ORIENTATION OF DIRECTIONAL ARROWS TO OWNER & ARCHITECT PRIOR TO FABRICATION. REFER TO SPECIFICATION REQUIREMENTS & PROCEDURES.
9. ALL SIGNS SHALL BE MOUNTED ACCORDING TO MANUFACTURES INSTRUCTIONS.
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11. ALL PLASTIC SIGNS ADHESIVELY APPLIED TO GLASS SHALL HAVE AN ADDITIONAL ACRYLIC BACKING THE SAME SIZE AS THE SIGN ALIGNED AND ADHESIVELY APPLIED TO THE OTHER SIDE OF THE GLASS.
12. THE SIGNAGE REQUIREMENTS OF 11B-216 AND 11B-703 WILL BE SATISFIED.

WAYFINDING SIGNAGE

1	EXTERIOR BUILDING TITLE SIGNAGE
2	EXTERIOR SIGNAGE "BOOK RETURN"
3	EXTERIOR SIGNAGE "HOURS OF OPERATION
4	EXTERIOR SIGNAGE " LIBRARY"

CODE SIGNAGE

FEC	FIRE EXTINGUISHER CABINET
RD	UA RESTROOM DOOR
EX1	EXIT DOOR ROUTE
SA	SYMBOL OF ACCES: ISA
PS	PROHIBITION SIGN
RR	UA RESTROOM
ID1	ROOM IDENTIFICATION, 4"X6"X1/4" ACRYLIC W/ OPAQUE BACKING, BRAILLE
FM	EVACUATION MAP 4"X6"X1/4" ACRYLIC W/ OPAQUE BACKING
BL	BLANK

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
SIGNAGE PLAN - UPPER LEVEL

REVISIONS

NO.	DATE	DESCRIPTION

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Building

DATE 03/06/2026
SCALE As indicated
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SG1.00

3/6/2026 2:35:48 PM

FINISH SCHEDULE LEGEND

MTL-1	METAL 1 - PREFINISHED STAINLESS STEEL TO MATCH STOREFRONT
PT-1	PAINT 1 - INTERIOR PAINT, EGGSHELL SHEEN
PT-3	PAINT 3 - EXTERIOR / INTERIOR PAINT, BLACK IRON
PT-4	PAINT 4 - INTERIOR CODE SIGNAGE PAINT

GENERAL NOTES

1. ALL SIGNAGE TO BE FABRICATED FROM DIGITAL FILES PROVIDES BY ARCHITECT. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
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CODE SIGNAGE SCHEDULE

SIGN TAG	QUANTITY	SIGN TYPE	SIGN MESSAGE	BRAILLE	FONT	LOCATION	ATTACHMENT	DRAWING REFFERENCES	MOUNTING HEIGHT
BL	3	BLANK SIGN	N/A	No	N/A	GLASS	ADHERED	SEE 2SG2.02	SEE 1/SG2.01, 4/SG2.01
EX 1	1	EXIT DOOR ROUTE	EXIT	Yes	AZO SANS	GLASS	ADHERED	SEE 9SG2.01	SEE 1/SG2.01, 4/SG2.01
EX 2	1	EXIT DOOR ROUTE	EXIT	Yes	AZO SANS	GLASS	ADHERED	SEE 9SG2.01	SEE 1/SG2.01, 4/SG2.01
FEC	1	FIRE EXTINGUISHER CABINET	FEC SYMBOL	No	N/A	WALL	ADHERED	SEE 8SG2.01	SEE 1/SG2.01, 4/SG2.01
FM	1	FIRE EVACUATION MAP	FIRE EVACUATION MAP + LEGEND	No	AZO SANS	WALL	ADHERED	SEE 11SG2.01	SEE 1/SG2.01, 4/SG2.01
ID1	1	ROOM IDENTIFICATION	CHILDREN'S ROOM-ALT 4	Yes	AZO SANS	GLASS	ADHERED	SEE 3SG2.01	SEE 1/SG2.01, 4/SG2.01
ID2	1	ROOM IDENTIFICATION	MEETING ROOM-ALT 2	Yes	AZO SANS	GLASS	ADHERED	SEE 3SG2.01	SEE 1/SG2.01, 4/SG2.01
ID3	1	ROOM IDENTIFICATION	STAFF ROOM	Yes	AZO SANS	WALL	ADHERED	SEE 3SG2.01	SEE 1/SG2.01, 4/SG2.01
ID4	1	ROOM IDENTIFICATION	MECH / ELEC / STORAGE	Yes	AZO SANS	WALL	ADHERED	SEE 3SG2.01	SEE 1/SG2.01, 4/SG2.01
ID5	1	ROOM IDENTIFICATION	JANITOR	Yes	AZO SANS	WALL	ADHERED	SEE 3SG2.01	SEE 1/SG2.01, 4/SG2.01
ID6	1	ROOM IDENTIFICATION	DECK (ALT 1, ALT 3)	Yes	AZO SANS	WALL	ADHERED	SEE 3SG2.01	SEE 1/SG2.01, 4/SG2.01
PS	1	PROHIBITION SIGN	NO SMOKING IN THIS BUILDING OR WITHIN 25 FEET OF ANY DOOR OR OPEN WINDOW + SYMBOL	No	AZO SANS	GLASS	ADHERED	SEE 2SG2.01	SEE 1/SG2.01
RD	2	UA RESTROOM - DOOR	UNISEX SYMBOL	No	N/A	DOOR	ADHERED	SEE 5SG2.01	SEE 1/SG2.01
RR	2	UA RESTROOM	RESTROOM + UA SYMBOL	Yes	AZO SANS	WALL	ADHERED	SEE 6SG2.01	SEE 1/SG2.01
SA	1	SYMBOL OF ACCESS: ISA	PICTOGRAM INTERNATIONAL SYMBOL OF ACCESSIBLITY	No	N/A	GLASS	ADHERED	SEE 7SG2.01	SEE 1/SG2.01

WAYFINDING SIGNAGE SCHEDULE

SIGN TAG	QUANTITY	SIGN TYPE	SIGN MESSGAE	MATERIAL	BRAILLE	FONT	LETTER HEIGHT	LOCATION	ATTACHMENT	REFERENCE DRAWING	MOUNTING HEEIGHT
1	1	EXTERIOR BUILDING TITLE SIGNAGE	NORTH FORK LIBRARY	MTL-1 TOO MATCH STOREFRONT	No	FROM ARCHITECT DIGITAL FILES	8"	WALL	FASTENED	17/SG3.13	SEE 6SG2.03
2	1	EXTERIOR SIGNAGE "BOOK RETURN"	BOOK RETURN	MTL-1 TOO MATCH STOREFRONT	No	FROM ARCHITECT DIGITAL FILES	3"	WALL	FASTENED	24/SG3.13	SEE 4SG 2.03
3	1	EXTERIOR SIGNAGE "HOURS OF OPERATION	HOURS OF OPERATION, SEE ELEVATION 7SG2.03	VINYL	Yes	FROM ARCHITECT DIGITAL FILES	1"	GLASS	ADHERED	12/SG3.12	SEE 7SG2.03
4	1	EXTERIOR SIGNAGE " LIBRARY"	LIBRARY	UV PROOF ACRYLIC	Yes	AZO SANS	SEE 8SG2.03	GLASS	ADHERED	12/SG3.12	SEE 4SG2.01
5	1	EXTERIOR BUILDING TITLE SIGNAGE	NORTH FORK LIBRARY	MTL-1 TOO MATCH STOREFRONT	No	FROM ARCHITECT DIGITAL FILES	SEE 3SG2.03	WALL	FASTENED	17/SG3.13	SEE 3SG2.03

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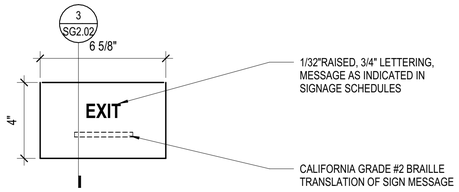

NOTE:
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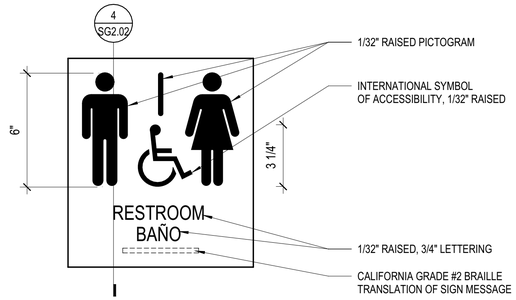
2. FOR SIGNAGE LAYOUT, MOUNTING LOCATION, AND HEIGHT REQUIREMENTS, SEE DETAIL 1/SG2.01 4/SG2.01

9/SG2.01 EX - EXIT DOOR ROUTE
3" = 1'-0"



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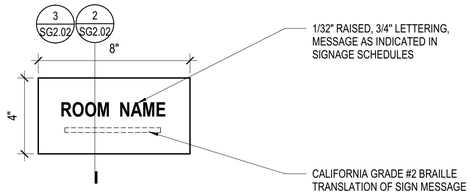
6/SG2.01 RR - RESTROOM - ALL GENDER
3" = 1'-0"



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3/SG2.01 ID - ROOM IDENTIFICATION
3" = 1'-0"

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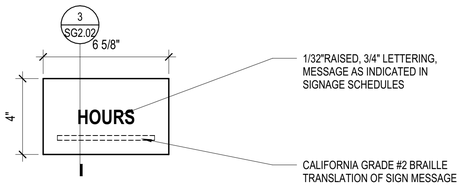
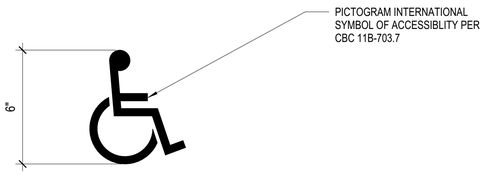


NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
2. FOR SIGNAGE LAYOUT AND HEIGHT REQUIREMENTS, SEE DETAIL 4/SG2.01

10/SG2.01 EXTERIOR ACRYLIC SIGNAGE - HOURS
3" = 1'-0"



NOTE:
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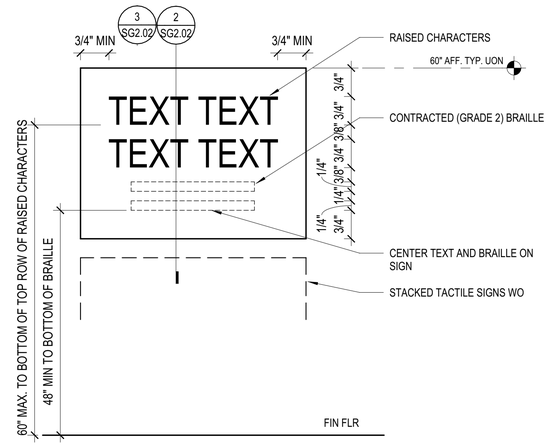
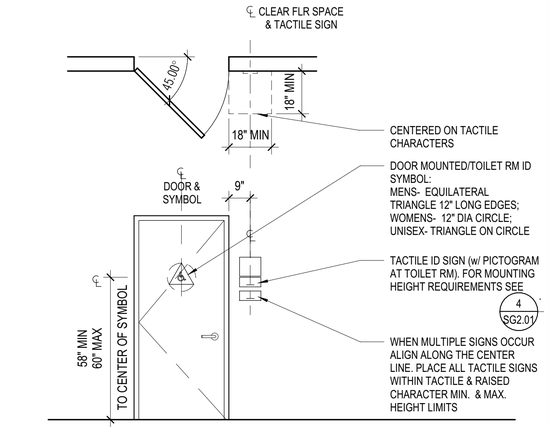
2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS, SEE DETAIL 4/SG2.01 1/SG2.01

7/SG2.01 SA - SYMBOL OF ACCESS
3" = 1'-0"



NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL 1/SG2.01

4/SG2.01 TYPICAL TACTILE SIGNAGE MOUNTING HT
6" = 1'-0"



NOTE:
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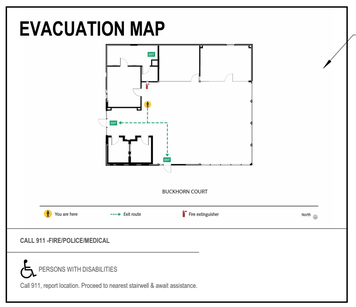
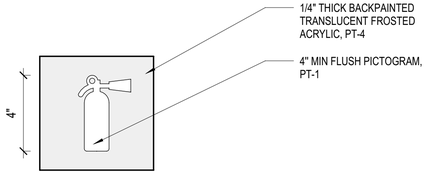
2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL 1/SG2.01

1/SG2.01 SIGNAGE @ DOORS
3/8" = 1'-0"



NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL
3. ARTWORK AND TEXT CONTENT FOR THIS SIGN TBD

11/SG2.01 FEM - FIRE EVACUATION MAP
3" = 1'-0"



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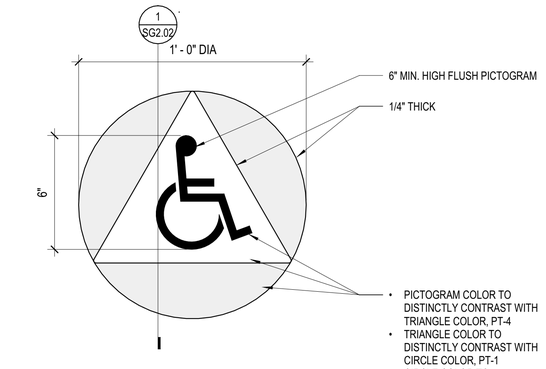
8/SG2.01 FEC - FIRE EXTINGUISHER CABINET
3" = 1'-0"



NOTE:
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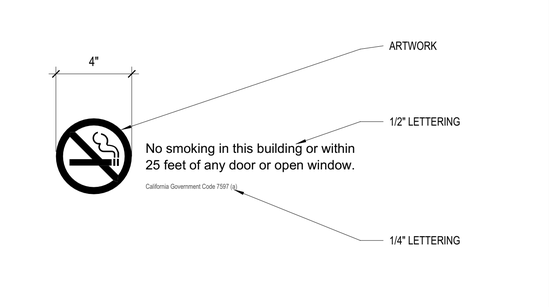
2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL 1/SG2.01

5/SG2.01 RD - UA RESTROOM DOOR - ALL GENDER
3" = 1'-0"



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2/SG2.01 PS - PROHIBITION SIGN
3" = 1'-0"

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CODE SIGNAGE ELEVATIONS

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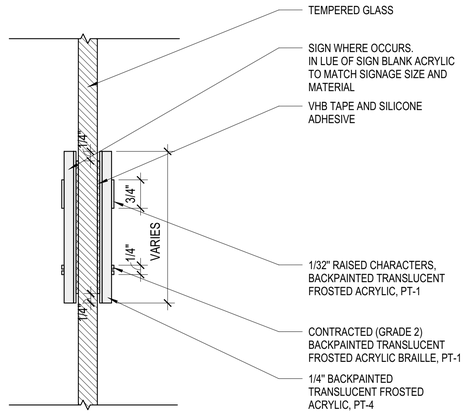

3 SG2.02 TYPICAL CODE SIGNAGE @ GLASS WALL - SECTON

6" = 1'-0"

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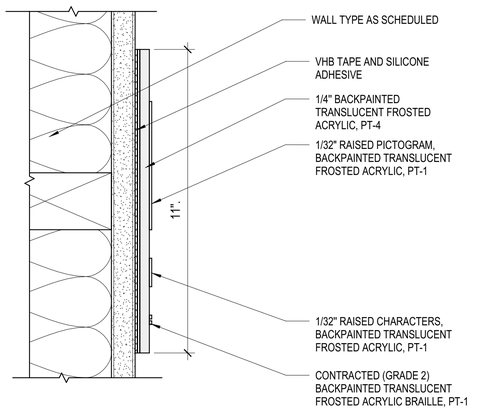
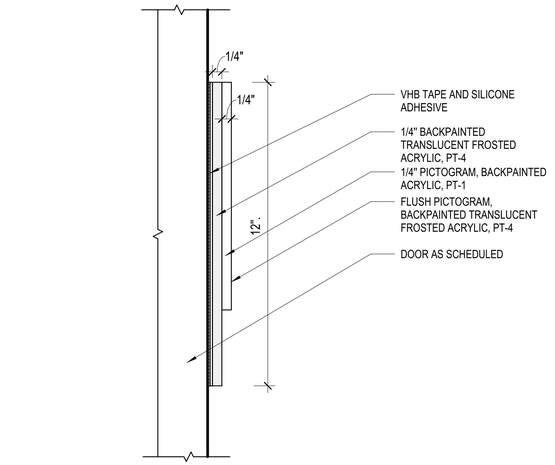
12. THE SIGNAGE REQUIREMENTS OF 11B-216 AND 11B-703 WILL BE SATISFIED.



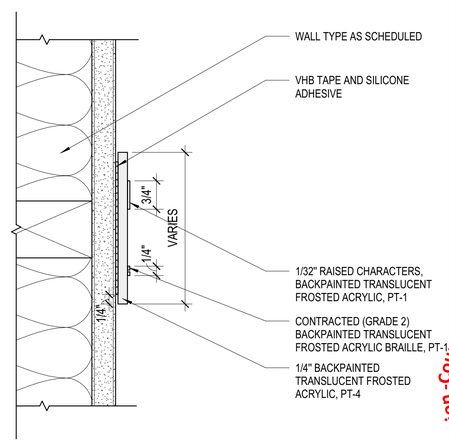
4 SG2.02 TYPICAL CODE SIGNAGE - RR - SECTION

6" = 1'-0"



1 SG2.02 TYPICAL CODE SIGNAGE - DOOR MOUNT - UA RESTROOM

6" = 1'-0"



2 SG2.02 TYPICAL CODE SIGNAGE @ GWB - SECTION

6" = 1'-0"

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

LICENSED ARCHITECT
ABRAHAM JAYSON
No. C33239
REN. 08-31-27
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CODE SIGNAGE DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

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Date 03/17/26
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DATE 03/06/2026
SCALE As indicated
JOB NO. 2024-01
SHEET NUMBER
SG2.02

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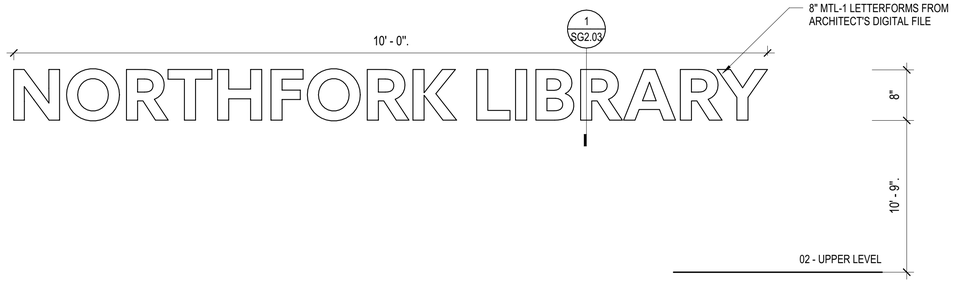
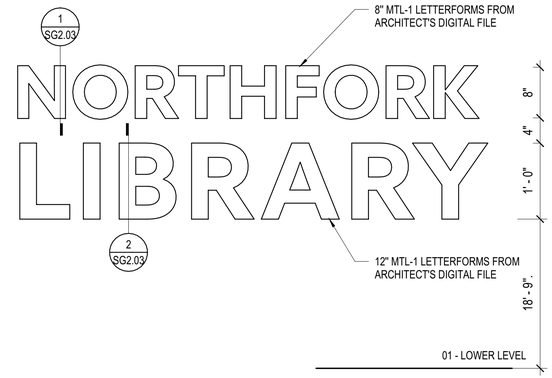


NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.

6 SG2.03 EXTERIOR BUILDING SIGNAGE - WEST
1" = 1'-0"

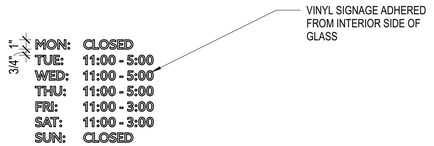


NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.

3 SG2.03 EXTERIOR BUILDING SIGNAGE - EAST
1" = 1'-0"

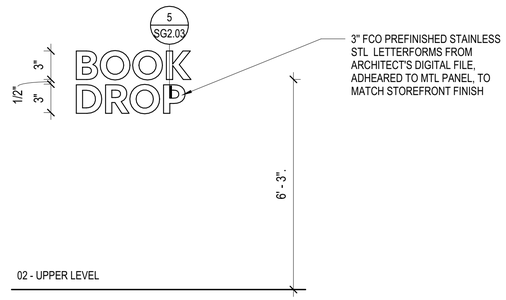
GENERAL NOTES

1. ALL SIGNAGE TO BE FABRICATED FROM DIGITAL FILES PROVIDES BY ARCHITECT. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
2. MOUNTING HEIGHT SHALL BE PER DETAIL.
3. ALL INTERIOR SIGNS SHALL BE 1/8" THICK MINIMUM. (UON)
4. ALL EXTERIOR SIGNS SHALL BE 1/4" THICK MINIMUM. (UON)
5. PER CBC TABLE 11B-703.3.1: CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHENEVER BRAILLE SYMBOLS ARE REQUIRED. DOTS SHALL BE 1/10 INCH (2.54 mm) ON CENTERS IN EACH CELL WITH 2/10 INCH (5.08 mm) SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 (0.635 mm) ABOVE THE BACKGROUND AND SHALL BE DOMED OR ROUND.
6. FOR BRAILLE LOCATION REQUIREMENTS ON THE SIGN SEE ELEVATIONS AND DETAILS. RAISED CHARACTERS: ALL TACTILE SIGNS (SIGNS WHICH INCLUDE BRAILLE) SHALL HAVE THE SIGN LETTERING RAISED 1/32" AND SHALL BE 5/8" MIN. TO 2" MAX. IN HEIGHT, VERIFY ALL TEXT SIZES PRIOR TO FABRICATION.
7. ALL CHARACTERS, PICTOGRAMS&SPACE THE FIELD UPON WHICH THEY ARE PLACED ARE TO BE OF A NON-GLARE FINISH AND SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT ON DARK OR DARK ON LIGHT.
8. ALL SIGNS SHALL HAVE 1/8" MIN. RADIUS CORNERS WITH ALL EDGES EASED. SUBMIT A DRAWING SET FOR APPROVAL WHICH IDENTIFIES SIGNAGE TYPES, MATERIALS & FINISHES, LOCATIONS, ROOM NUMBERS, TEXT & ORIENTATION OF DIRECTIONAL ARROWS TO OWNER & ARCHITECT PRIOR TO FABRICATION. REFER TO SPECIFICATION REQUIREMENTS & PROCEDURES.
9. ALL SIGNS SHALL BE MOUNTED ACCORDING TO MANUFACTURES INSTRUCTIONS.
10. ALL EXTERIOR MOUNTED SIGNS TO BE RATED FOR EXTERIOR USE BY MANUFACTURER.
11. ALL PLASTIC SIGNS ADHESIVELY APPLIED TO GLASS SHALL HAVE AN ADDITIONAL ACRYLIC BACKING THE SAME SIZE AS THE SIGN ALIGNED AND ADHESIVELY APPLIED TO THE OTHER SIDE OF THE GLASS.
12. THE SIGNAGE REQUIREMENTS OF 11B-216 AND 11B-703 WILL BE SATISFIED.



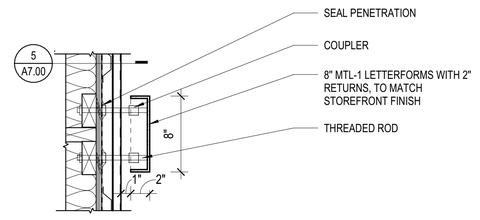
NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.

7 SG2.03 EXTERIOR VINYL SIGNAGE - HOURS OF OPERATION
1 1/2" = 1'-0"



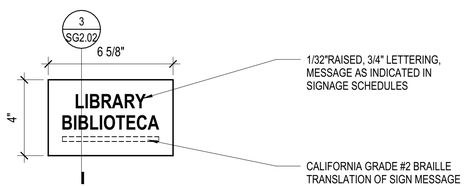
NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.

4 SG2.03 EXTERIOR SIGNAGE - BOOK DROP
1 1/2" = 1'-0"



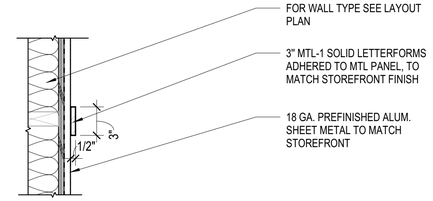
NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
2. FOR SIGNAGE LAYOUT, MOUNTING LOCATION, AND HEIGHT REQUIREMENTS, SEE DETAIL 3 SG2.03

1 SG2.03 EXTERIOR 8" STL LETTERFORMS - SECTION DETAIL
1 1/2" = 1'-0"



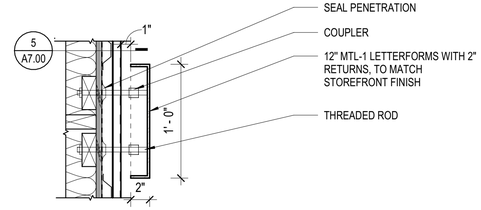
NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
2. FOR SIGNAGE LAYOUT, MOUNTING LOCATION, AND HEIGHT REQUIREMENTS, SEE DETAIL 4 SG2.01

8 SG2.03 EXTERIOR ACRYLIC SIGNAGE - LIBRARY / BIBLIOTECA
3" = 1'-0"



NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
2. FOR SIGNAGE LAYOUT, MOUNTING LOCATION, AND HEIGHT REQUIREMENTS, SEE DETAIL 4 SG2.03

5 SG2.03 EXTERIOR 3" STL SOLID LETTERFORMS - SECTION DETAIL
1 1/2" = 1'-0"



NOTE:
1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
2. FOR SIGNAGE LAYOUT, MOUNTING LOCATION, AND HEIGHT REQUIREMENTS, SEE DETAIL 3 SG2.03

2 SG2.03 EXTERIOR 12" STL LETTERFORMS - SECTION DETAIL
1 1/2" = 1'-0"

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BID SET

SHEET TITLE
WAYFINDING SIGNAGE ELEVATIONS & DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

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DATE 03/06/2026
SCALE As indicated
JOB NO. 2021-01
SHEET NUMBER SG2.03

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ABBREVIATIONS

ABBREVIATION	DESCRIPTION
(E)	EXISTING
(N)	NEW
AB	ANCHOR BOLT
ADDL	ADDITIONAL
ALT	ALTERNATE
APPRX	APPROXIMATE
AR	ANCHOR ROD
ARCH	ARCHITECT OR ARCHITECTURAL
AVG	AVERAGE
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
BRDG	BRIDGING
BTWN	BETWEEN
CF	CONTINUOUS FOOTING
CIP	CAST-IN-PLACE
CJ	CONTROL/CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
CLR	CLEAR OR CLEARANCE
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION(S)
CONST	CONSTRUCTION
CONT	CONTINUOUS
CTR	CENTER
CTRD	CENTERED
CTRSK	COUNTERSINK
db	DIAMETER OF BOLT OR REBAR
DBL	DOUBLE
DEMO	DEMOLISH
DET	DETAIL
DF	DOUGLAS FIR
DIA	DIAMETER
DIAG	DIAGONAL
DIM(S)	DIMENSION(S)
DL	DEAD LOAD
DWG(S)	DRAWING(S)
DWL	DOWEL(S)
EA	EACH
ECC	ECCENTRICITY
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
EMBED	EMBEDMENT
EN	EDGE NAIL
ENGR	ENGINEER
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EXP	EXPANSION
EXT	EXTERIOR
FF	FINISH FLOOR
FIN	FINISH(ED)
FLR	FLOOR
FN	FIELD NAILING
FND	FOUNDATION
FO	FACE OF
FRM'G	FRAMING
FS	FAR SIDE
FTG	FOOTING
GA	GAGE, GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GEN	GENERAL
GLB	GLUE-LAMINATED BEAM
GR	GRADE
GYP	GYPSUM
HD	HOLDOWN
HDR	HEADER
HGR	HANGER
HK	HOOK
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING VENTING AND AIR CONDITIONING

ABBREVIATION	DESCRIPTION
ID	INSIDE DIAMETER
IF	INSIDE FACE
INFO	INFORMATION
INT	INTERIOR
JH	JOIST HANGER
JST(S)	JOIST(S)
JT	JOINT
LBS	POUNDS
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LONG	LONGITUDINAL
LW	LIGHTWEIGHT
LWC	LIGHTWEIGHT CONCRETE
MATL	MATERIAL
MAX	MAXIMUM
MB	UNFINISHED MACHINE BOLT
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION
MEZZ	MEZZANINE
MFR	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTL	METAL
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
NW	NORMAL WEIGHT
NWC	NORMALWEIGHT CONCRETE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OPPOSITE HAND
OPNG(S)	OPENING(S)
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
PAF	POWDER ACTUATED FASTENER
PERP	PERPENDICULAR
PL	PLATE
PLY	PLYWOOD
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
RAD	RADIUS
REF	REFERENCE
REINF	REINFORCE(D) (ING) OR (MENT)
REQD	REQUIRED
REV	REVISION
RWD	REDWOOD
SAD	SEE ARCHITECTURAL DRAWINGS
SCD	SEE CIVIL DRAWINGS
SCHED	SCHEDULE(D)
SECT	SECTION
SEOR	STRUCTURAL ENGINEER OF RECORD
SF	SQUARE FOOT (FEET)
SHT	SHEET
SIM	SIMILAR
SLRS	SEISMIC LOAD RESISTING SYSTEM
SMD	SEE MECHANICAL DRAWINGS
SMS	SHEET METAL SCREW(S)
SOG	SLAB ON GRADE
SP	SPACE
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
STAGG'D	STAGGERED
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STR	STRUCTURE
STRCTL	STRUCTURAL
SYMM	SYMMETRICAL
T&B	TOP AND BOTTOM

ABBREVIATION	DESCRIPTION
T&G	TONGUE AND GROOVE
TD	TIE DOWN
TEMP	TEMPERATURE OR TEMPORARY
THK	THICK OR THICKNESS
THRD'D	THREADED
TO	TOP OF
TRANSV	TRANSVERSE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD
WF	WIDE FLANGE
WP	WORK POINT
WT	WEIGHT
WWR	WELDED WIRE REINFORCEMENT

SYMBOL LEGEND

WALL TYPES IN PLAN

SYMBOLS	DESCRIPTION	REFERENCE
	WOOD STUD WALL	6 / S8.30
#	WOOD STUD SHEARWALL	1 / S8.20
	BEARING WALL BELOW	
	EXISTING WOOD STUD WALL	
	(E) CMU WALL	
	CMU WALL	

FOUNDATION MARKINGS

SYMBOLS	DESCRIPTION	REFERENCE
	EXISTING SPREAD FOOTING TYPE	
	SPREAD FOOTING	
	EXISTING CONTINUOUS FOOTING TYPE	
	CONTINUOUS FOOTING TYPE	

PLAN MARKINGS

SYMBOLS	DESCRIPTION	REFERENCE
T.O. SLAB +30' - 0"	ELEVATION FROM DATUM; T.O. INDICATES TOP OF	
CT 2 200 lbs	MECHANICAL UNIT AND MAXIMUM OPERATING WEIGHT	
	CHANGE IN ELEVATION	
UP	SLOPE	
A	GRID	
	WORK POINT	
	OPENING	
	SLOPE	
SLRS	ALL COLUMNS, BEAMS, BRACES AND CONNECTIONS ALONG THIS LINES SHALL COMPLY WITH SPECIFICATION REQUIREMENTS FOR THE SEISMIC-LOAD-RESISTANCE SYSTEM.	

I. GENERAL REQUIREMENTS

A. THE STRUCTURAL DRAWINGS AND PROJECT SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THE MEANS, METHODS, PROCEDURES AND SEQUENCE OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.

B. DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONNEL AND PROPERTY ON AND AROUND THE JOBSITE. THE CONTRACTOR SHALL PROVIDE SHORING, BRACING, GUYS, ETC. IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL STANDARDS.

C. ALL CONSTRUCTION, TESTING, AND INSPECTIONS SHALL CONFORM TO THE BUILDING CODE REFERENCED UNDER THE HEADING "BASIS OF DESIGN" BELOW.

D. STANDARDS REFERENCED IN THESE DRAWINGS SHALL BE THE LATEST EDITION, UNLESS OTHERWISE NOTED.

E. SEE DRAWINGS OTHER THAN STRUCTURAL FOR: FLOOR FINISHES; DEPRESSIONS IN FLOOR SLABS; OPENINGS IN WALLS AND FLOORS REQUIRED BY ARCHITECTURAL AND MEP FEATURES; EXTERIOR PAVING; CURBS; SLOPES; DRAINS; PADS; NON-STRUCTURAL PARTITIONS; EMBEDDED ITEMS; ETC. COORDINATE THESE ITEMS WITH THE STRUCTURAL DRAWINGS.

F. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOB SITE BEFORE COMMENCING WORK AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT.

G. OMISSIONS OR DISCREPANCIES BETWEEN THE VARIOUS ELEMENTS OF THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND STRUCTURAL ENGINEER AND RESOLVED BEFORE PROCEEDING WITH THE WORK.

H. DO NOT SCALE THE DRAWINGS; USE WRITTEN DIMENSIONS ONLY. WHERE NO DIMENSIONS ARE PROVIDED OR WHERE DIMENSIONS PROVIDED CONFLICT WITH OTHER DRAWINGS, CONSULT THE ARCHITECT AND SEOR BEFORE PROCEEDING WITH THE WORK.

I. WHERE MEMBER LOCATIONS ARE NOT DIMENSIONED, MEMBERS SHALL BE LOCATED ON COLUMN LINES OR EQUALLY SPACED BETWEEN MEMBERS ON COLUMN LINES OR BETWEEN MEMBERS OTHERWISE LOCATED. CENTERLINES OF COLUMNS, WALLS, FRAMING MEMBERS, AND FOUNDATIONS COINCIDE WITH GRIDLINES, UNLESS OTHERWISE NOTED.

J. TYPICAL DETAILS ARE INTENDED TO APPLY TO APPLICABLE SITUATIONS, UNLESS OTHERWISE NOTED. TYPICAL DETAILS MAY NOT BE SPECIFICALLY LOCATED.

K. DETAILS SHALL BE APPLIED TO EVERY LIKE CONDITION WHETHER OR NOT THEY ARE REFERENCED IN EVERY INSTANCE. FOR CONDITIONS NOT SPECIFICALLY SHOWN, USE DETAILS SIMILAR TO THOSE PROVIDED.

I. THE CONTRACTOR SHALL VERIFY THAT CONSTRUCTION LOADS DO NOT EXCEED THE CAPACITY OF THE STRUCTURE AT THE TIME THE LOADS ARE PLACED.

II. EXISTING CONSTRUCTION

A. WORK SHOWN IS NEW UNLESS OTHERWISE NOTED AS EXISTING, (E).

B. EXISTING CONSTRUCTION SHOWN IN THESE DRAWINGS WAS OBTAINED FROM AS-BUILT DRAWINGS ENTITLED "NORTHFORK LIBRARY & FIREHOUSE", DATED AUGUST 8, 1975, AND PREPARED BY SKYLINE DESIGNING & ENGINEERING AND FROM SITE INVESTIGATIONS. THE DRAWINGS AND VERIFY DIMENSIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND SEOR OF ALL DISCREPANCIES AND EXCEPTIONS BEFORE PROCEEDING WITH THE WORK.

C. THE REMOVAL, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE AND SMALL TOOLS IN ORDER TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE BUILDING. IF EXISTING STRUCTURAL MEMBERS NOT INDICATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE SEOR SHALL BE NOTIFIED IMMEDIATELY. APPROVAL SHALL BE OBTAINED PRIOR TO REMOVAL OF THE EXISTING MEMBERS.

D. THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION WHEREVER EXISTING SUPPORTS ARE REMOVED TO ALLOW INSTALLATION OF THE NEW WORK. THE EXISTING CONSTRUCTION SHALL BE CONNECTED AND/OR EMBEDDED INTO THE NEW CONSTRUCTION AS SHOWN OR SPECIFIED.

E. ALL SHORING METHODS AND SEQUENCING OF DEMOLITION SHALL BE SPECIFIED BY A LICENSED CIVIL OR STRUCTURAL ENGINEERING IN THE STATE OF CALIFORNIA TO BE RETAINED BY THE CONTRACTOR. SEE SPECIFICATIONS FOR DETAILED REQUIREMENTS.

F. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES BEFORE BEGINNING WORK. SPECIAL CARE SHALL BE TAKEN TO PROTECT UTILITIES THAT ARE TO REMAIN IN SERVICE DURING CONSTRUCTION.

G. THE CONTRACTOR SHALL PROMPTLY REPAIR DAMAGE CAUSED DURING OPERATIONS WITH SIMILAR MATERIALS AND WORKMANSHIP.

H. THE CONTRACTOR SHALL LOCATE EXISTING REINFORCING STEEL WHERE EXISTING CONCRETE IS TO BE CUT, CORED OR SAWN. LOCATION SHALL BE DONE USING A NON-DESTRUCTIVE METHOD. DO NOT DAMAGE EXISTING REINFORCING WITHOUT NOTIFYING THE ARCHITECT AND SEOR.

III. BASIS OF DESIGN

A. THE STRUCTURAL DESIGN OF THIS PROJECT IS GOVERNED BY THE 2022 CALIFORNIA BUILDING CODE (CBC).

B. RISK CATEGORY = II

C. LIVE LOADS:
1. ROOF = 20 PSF
2. FLOOR = 60 PSF (READING ROOM)

D. WIND DESIGN DATA:
1. BASIC WIND SPEED = 95 MPH (3 SECOND GUST)
2. EXPOSURE CATEGORY = C
3. INTERNAL PRESSURE COEFFICIENT = +/- 0.18
4. EXTERIOR COMPONENT AND CLADDING DESIGN WIND PRESSURE = 22.7/-24.6 PSF (WALL ZONE 4) 22.7/-30.4 PSF (WALL ZONE 5), 16/-36.2 PSF (ROOF ZONE 1)

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
G.OKHAN AKALAN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE

ABBREVIATIONS AND GENERAL NOTES

NO.	DATE	DESCRIPTION
△	REVISIONS	

County of Madera – CED Building Division
Structural Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	2333
SHEET NUMBER	S1.01

2/26/2026 1:47:22 PM

F. SEISMIC DESIGN DATA:
1. I = 1.0
2. Fa = 1.344
3. Fv = NA
4. Ss = 0.571
5. S1 = 0.211
6. SDS = 0.511
7. SD1 = NA
8. SITE CLASS = D (DEFAULT)
9. SEISMIC DESIGN CATEGORY = D

IV. FOUNDATIONS

A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS GOVERNING EXCAVATION AND SHORING.

B. FOUNDATIONS HAVE BEEN DESIGNED BASED ON THE FOLLOWING ALLOWABLE BEARING VALUES:
1. DEAD + LIVE LOAD = 1500 PSF
2. DEAD + LIVE + SHORT TERM (WIND OR SEISMIC) = 2000 PSF

C. SCARIFY EXISTING SOIL 8" DEEP AT THE BOTTOM OF ALL EXCAVATION DAMPEN TO A UNIFORM MOISTURE CONTENT OF 2% OVER MAXIMUM. COMPACT TO 95% OF MAXIMUM DENSITY PER ASTM D1557.

D. SLABS ON GRADE SHALL BE CONSTRUCTED ON A 4" ,NON-RECYCLED, CLASS 2 AGGREGATE BASE (COMPACTED TO A MINIMUM OF 95 PERCENT RELATIVE COMPACTION) OVER THE SUBGRADE SOILS UNDER CONCRETE SLAB.

E. BACKFILL BEHIND WALLS SHALL BE COMPACTED GRANULAR FILL TYP UN. DO NOT BACKFILL BEHIND WALLS UNTIL THE CONCRETE HAS ATTAINED 100% OF ITS SPECIFIED COMPRESSIVE STRENGTH. PLACE AND COMPACT BACKFILL BEHIND WALLS BEFORE ATTACHING FLOORS AT THE TOP OF WALL. COMPACT BACKFILL TO 90% OF MAXIMUM DENSITY PER ASTM D1557 TYP UN.

F. OVER EXCAVATE TO REMOVE ANY CRACKED OR LOOSE EXISTING MATERIAL BELOW SLAB AND FOOTING EXCAVATIONS. BACKFILL WITH LEAN CONCRETE f'c=1500 PSI @ 28 DAYS AS REQUIRED.

G. ALL FOUNDATIONS SHALL BE PLACED ON FIRM UNDISTURBED EARTH. HOLES DUE TO REMOVAL OF LARGE ROCKS OR OVER-EXCAVATION SHALL BE FILLED WITH CONCRETE. UNLESS SHOWN OTHERWISE, FOOTINGS SHALL BE PLACED A MINIMUM OF 2 FEET BELOW FINISH GRADE OF THE EXTERIOR GROUND LINE.

V. CONCRETE

A. MIXING, BATCHING, TRANSPORTING AND PLACING OF ALL CONCRETE SHALL CONFORM TO ACI 301, SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS.

B. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED.

C. THE SCHEDULE BELOW INDICATES THE MINIMUM CONCRETE DESIGN MIX REQUIREMENTS. SEE THE SPECIFICATIONS FOR ADDITIONAL CONCRETE PROPERTIES.

TYPE	LOCATION	MINIMUM 28-DAY STRENGTH (PSI)	MAXIMUM WEIGHT (PCF)	MAX W/C RATIO
A	FOOTINGS	3000	150	N/A
B	WALLS	3000	150	N/A
C	HOUSEKEEPING PAD/SLAB	3000	150	0.45

D. CEMENT SHALL BE PORTLAND TYPE V AND CONFORM WITH ASTM C150

E. CONCRETE CLEAR COVER OVER MILD REINFORCING STEEL SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
1. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH = 3"
2. CONCRETE EXPOSED TO EARTH OR WEATHER:
   a. NO. 5 BARS AND SMALLER = 1-1/2"
   b. NO. 6 BARS AND LARGER = 2"
3. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
   a. SLABS, WALLS, JOISTS:
   NO. 11 BARS AND SMALLER = 3/4"
   NO. 14 BARS AND LARGER = 1-1/2"
   b. BEAMS, COLUMNS:
   PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS = 1-1/2"
   c. SHELLS, FOLDED PLATE MEMBERS:
   NO. 5 BARS AND SMALLER = 1/2"
   NO. 6 BARS AND LARGER = 3/4"

F. NON-SHRINK GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 6000 PSI AT 28 DAYS.

G. CONSTRUCTION JOINTS
1. NO HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED IN BEAMS, WALLS OR SLABS UNLESS APPROVED BY THE SEOR IN WRITING.
2. ALL CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TYPICAL CONSTRUCTION JOINT DETAILS.
3. ALL CONSTRUCTION JOINT LOCATIONS SHALL BE COORDINATED AND CONSTRUCTED IN ACCORDANCE WITH ARCHITECTURAL FINISHES AND TREATMENTS.
4. ALL SURFACES OF CONSTRUCTION JOINTS SHALL BE CLEANED TO REMOVE DUST, CHIPS OR OTHER FOREIGN MATTER PRIOR TO PLACING ADJACENT CONCRETE.

VI. REINFORCING STEEL

A. ALL REINFORCING BARS SHALL BE DEFORMED BARS CONFORMING TO THE REQUIREMENTS OF ASTM A615 AND ASTM A706 WHERE REQUIRED; ALL BARS TO BE GRADE 60 UNLESS OTHERWISE NOTED.

B. REINFORCING BARS TO BE WELDED SHALL BE ASTM A706.

C. WELDED WIRE REINFORCING SHALL BE ASTM A185.

D. WELDED BAR ANCHORS SHALL BE NELSON D2L DEFORMED BAR ANCHORS PER ICC-ES ESR-2907.

E. DETAIL REINFORCING STEEL BASED ON THE PROJECT REQUIREMENTS, ACI 318, AND ACI 315.

F. TERMINATION OF REINFORCEMENT:
1. TERMINATE ALL BARS IN LAPS, 90 DEGREE BENDS OR WITH DOWELS EPOXIED INTO EXISTING CONCRETE.
2. PROVIDE DOWELS INTO FOOTINGS BELOW AND SLABS ABOVE AT WALLS AND COLUMNS OF SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT.

G. WHERE A 90 DEGREE, 135 DEGREE OR 180 DEGREE HOOK IS GRAPHICALLY INDICATED, PROVIDE CORRESPONDING ACI STANDARD HOOK PER DETAIL 2&3/S5.01.

H. SPLICES
1. LAP REINFORCING STEEL AS SPECIFICALLY DETAILED ON THE DRAWINGS. SEE REBAR OFFSET AND LAP SPLICE SCHEDULE IN DETAIL 7/S5.01.
2. UNLESS OTHERWISE NOTED, ALL LAP SPLICES ARE TO BE CLASS B.
3. MECHANICAL SPLICES, IF USED AT CONTRACTOR'S OPTION, SHALL BE ICC-ES APPROVED AND CAPABLE OF DEVELOPING 125% OF THE SPECIFIED MINIMUM YIELD STRENGTH OF THE BAR IN TENSION OR COMPRESSION.
4. LOCATE LAPS IN REINFORCING STEEL AS FOLLOWS:
   a. TOP HORIZONTAL REINFORCEMENT IN BEAMS AND WALLS AT SUPPORTS.
   b. BOTTOM HORIZONTAL REINFORCEMENT IN BEAMS AND WALLS AT MIDSPAN.
   c. VERTICAL REINFORCEMENT AT INSIDE FACE OF WALL AT SUPPORTS.
   d. VERTICAL REINFORCEMENT AT OUTSIDE FACE OF WALL AT MIDHEIGHT OF WALL.

VII. WOOD

A. ALL WOOD FRAMING SHALL CONFORM TO NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION AND APA PDS, PLYWOOD DESIGN SPECIFICATION.

B. ALL WOOD FRAMING SHALL BE DOUGLAS FIR LARCH, UNLESS OTHERWISE NOTED. GRADE SHALL BE AS FOLLOWS:
1. WALL STUDS = NO 1
2. SILL PLATES = PRESSURE TREATED NO 2
3. BLOCKING AND MISCELLANEOUS = NO 2
4. BEAMS = NO 1

C. REJECTION OF WOOD MEMBERS: THE PROVISION IN DOC PS 20 (AS REFERENCED BY CBC 2303.1.1) WHICH PERMITS FIVE PERCENT OF THE MATERIAL TO FALL BELOW GRADE SHALL NOT BE CONSTRUED TO PERMIT BELOW-GRADE MATERIAL TO BE USED AS LOAD-CARRYING MEMBERS WHICH HAVE BEEN DESIGNED FOR SPECIFIC ALLOWABLE STRESSES AND ACCEPTABLE SAFETY FACTORS. MATERIALS WHICH FALL BELOW GRADE SHALL BE REJECTED FOR LOAD-CARRYING USE. WOOD MEMBERS WHICH ARE REQUIRED TO CARRY DESIGN LOADS AND WHICH THE PROJECT ARCHITECT, SEOR OR INSPECTOR JUDGE TO BE MISGRADED SHALL BE REINSPECTED BY A QUALIFIED LUMBER GRADING INSPECTOR TO VERIFY THE PROPER GRADING OF THE MATERIAL. WOOD MEMBERS WHICH HAVE PERMISSIBLE GRADE CHARACTERISTICS OR DEFECTS IN SUCH COMBINATION AS TO AFFECT THE SERVICEABILITY OF THE MEMBER SHALL BE REJECTED BY THE PROJECT INSPECTOR WITH THE CONCURRENCE OF THE ARCHITECT OR SEOR.

D. ALL LUMBER IN CONTACT WITH CONCRETE OR CONCRETE MASONRY 0'-8" OR LESS ABOVE THE GROUND SHALL BE PRESSURE TREATED.

E. MAXIMUM MOISTURE CONTENT SHALL BE 15%AT TIME OF FRAMING FOR NEW WOOD MEMBERS ADJACENT TO EXISTING WOOD MEMBERS. ALL OTHER MEMBERS SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% AT TIME OF FRAMING. REFER TO ARCHITECTURAL DRAWINGS, PROJECT SPECIFICATIONS AND CLADDING MANUFACTURERS' INFORMATION FOR MORE STRINGENT MOISTURE CONTENT REQUIREMENTS.

F. STRUCTURAL SHEATHING SHALL BE AS FOLLOWS (MIN THICKNESS AND MIN APA RATING):
1. WALLS = 1/2", SPAN RATING = 32/16, PLYWOOD GRADE = STRUCT 1, EXPOSURE 1

G. WOOD CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG TIE OR EQUAL PRODUCT IF APPROVED BY SEOR. SIMPSON DESIGNATIONS USED IN THESE DRAWINGS.

H. NAILS SHALL BE COMMON WIRE GAGE, UNLESS OTHERWISE NOTED AND CONFORM TO CBC TABLE 2304.10.2. USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOBSITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL OF THE PROJECT ARCHITECT, STRUCTURAL ENGINEER AND DSA.

I. LAG BOLTS AND UNFINISHED MACHINE BOLTS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD.

J. ANCHOR RODS SHALL CONFORM TO ASTM F1554 GR 36.

K. FASTENERS INSTALLED IN PRESSURE TREATED OR FIRE RETARDANT TREATED WOOD SHALL BE GALVANIZED.

L. PROVIDE LATERAL SUPPORT FOR BEAMS, JOISTS, AND RAFTERS PER CBC SECTION 2308.4.6.

VIII. STRUCTURAL STEEL

A. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS.

B. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.1 AND PERFORMED BY AWS CERTIFIED WELDERS.

C. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:
1. WIDE FLANGES AND WTS = ASTM A992, GR 50
2. MISCELLANEOUS PLATES = ASTM A36
3. CONTINUITY PLATES AND PLATES FOR BUILT-UP MEMBERS = ASTM A572, GR 50
4. ANGLES AND CHANNELS = ASTM A36
5. RECTANGULAR AND SQUARE HSS MEMBERS = ASTM A500, GR B
6. ROUND HSS MEMBERS = ASTM A500, GR B
7. HIGH STRENGTH BOLTS = ASTM A325N, UON
8. NUTS = ASTM A563
9. WASHERS (FLAT OR BEVELLED) = ASTM F436
10. WELDING ELECTRODES = E70XX, UON
11. ANCHOR RODS = ASTM F1554, GR 36 UON
12. STEEL DECK = ASTM A653, SS GR 50 (Fy MIN = 50 KSI)

D. BOLT HOLES SHALL BE NO MORE THAN 1/16" OVERSIZE, UON.

E. ALL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED, UON.

F. FIELD MODIFICATIONS TO STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ARCHITECT AND SEOR.

IX. POST-INSTALLED ANCHORS

A. POST-INSTALLED ANCHORS INCLUDE EXPANSION ANCHORS, EPOXY ANCHORS AND REINFORCING STEEL DOWELS, SCREW ANCHORS AND POWDER-ACTUATED FASTENERS. AS DETAILED IN THE DRAWINGS.

B. DO NOT DAMAGE OR CUT EXISTING REINFORCING STEEL WHILE INSTALLING POST-INSTALLED ANCHORS. NOTIFY SEOR IF EXISTING REINFORCING STEEL INTERFERES WITH INSTALLATION OF POST-INSTALLED ANCHORS.

C. ALL MIS-DRILLED OR UNACCEPTABLE HOLES SHALL NOT BE USED AND SHALL BE GROUTED SOLID.

D. ALL POST-INSTALLED ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE ICC-ES REPORT AND MANUFACTURER'S RECOMMENDATIONS.

E. PROVIDE SPECIAL INSPECTION FOR THE INSTALLATION OF ALL POST-INSTALLED ANCHORS, UNLESS OTHERWISE NOTED.

F. FIELD TEST POST-INSTALLED ANCHORS, UNLESS OTHERWISE NOTED. FIELD TESTING SHALL BE IN COMPLIANCE WITH THE FOLLOWING:
1. 10% OF POST-INSTALLED ANCHORS USED FOR SILL PLATE BOLTING SHALL BE TESTED; 100% OF ALL OTHER POST-INSTALLED ANCHORS USED FOR STRUTURAL APPLICATIONS SHALL BE TESTED.
2. 50% OF POST-INSTALLED ANCHORS USED FOR NON-STRUCTURAL APPLICATIONS SHALL BE TESTED, INCLUDING ONE HALF OF ALL ANCHORS IN EACH GROUP.
   a. IF ANY ANCHOR FAILS TESTING, ALL ANCHORS OF THE SAME TYPE THAT ARE UNTESTED SHALL BE TESTED UNTIL 20 CONSECUTIVE ANCHORS PASS.
   b. NO TESTING REQUIRED FOR POWDER-ACTUATED FASTENERS USED TO ATTACH TRACKS OF INTERIOR, NON-STRUCTURAL PARTITION WALLS WHERE THERE ARE AT LEAST THREE FASTENERS PER PIECE OF TRACK.
3. NO TESTING REQUIRED OF REINFORCING STEEL DOWELS ACROSS COLD JOINTS IN CONCRETE SLABS ON GRADE.
4. TORQUE TESTING MAY BE USED FOR TORQUE CONTROLLED POST-INSTALLED ANCHORS; TENSION TEST ALL OTHER POST-INSTALLED ANCHORS.
5. TORQUE TESTING SHALL BE IN ACCORDANCE WITH CBC SECTION 1910A.5.5.2.
6. TENSION TESTING SHALL BE IN ACCORDANCE WITH CBC SECTION 1910A.5.5.1.
7. ALL FIELD TESTING SHALL BE DONE UNDER THE OBSERVATION OF THE PROJECT INSPECTOR.
8. TESTING SHALL OCCUR AT LEAST 24 HOURS AFTER THE ANCHOR HAS BEEN INSTALLED.

G. EPOXY ANCHORS AND REINFORCING STEEL DOWELS
1. FOR INSTALLATION IN CONCRETE, EPOXY SHALL BE ONE OF THE FOLLOWING:
   a. SET-XP PER ICC-ES ESR-2508 AS MANUFACTURED BY SIMPSON STRONG TIE
   b. HIT-RE 500 V3 PER ICC-ES ESR-3814 AS MANUFACTURED BY HILTI, INC.
   c. HY-200 PER ICC-ES ESR-3187 AS MANUFACTURED BY HILTI, INC.
   d. PURE 110+ PER ICC-ES ESR-3298 AS MANUFACTURED BY DEWALT.
2. FOR INSTALLATION IN FULLY-GROUTED MASONRY, EPOXY SHALL BE ONE OF THE FOLLOWING:
   a. SET-XP PER ICC-ES ESR-2508 AS MANUFACTURED BY SIMPSON STRONG TIE.
   b. HY-200 PER ICC-ES ESR-3963 AS MANUFACTURED BY HILTI, INC.
   c. AC100+ GOLD PER ICC-ES ESR-3200 AS MANUFACTURED BY DEWALT.
3. EPOXIED ANCHOR RODS SHALL BE CARBON STEEL THREADED RODS PER APPROPRIATE ICC-ES REPORT; EPOXIED REINFORCING STEEL DOWELS SHALL BE ASTM A615 GR 60 UNLESS OTHERWISE NOTED.
4. MINIMUM ANCHOR EMBEDMENT AND TENSION TEST VALUES ARE AS FOLLOWS:

EPOXY ANCHORS IN NORMAL-WEIGHT CONCRETE (f'c = 3000 PSI MIN)					
REBAR SIZE	EMBED (IN)	TENSION TEST VALUE (LBS)			
		HY-200	HIT-RE 500-V3	SET-XP	DEWALT PURE 110+
#3	3	2900	2750	1050	3320
#4	4	5180	4940	3760	5900
#5	5	8130	7870	5270	8930
#6	6	11120	11120	6780	12450
#7	7	12260	14020	8060	15690
#8	8	16120	17120	8990	19170
#9	9	20430	20430	N/A	22880
#10	10	23930	23930	8780	26800

EPOXY ANCHORS IN NORMAL-WEIGHT CONCRETE (f'c = 3000 PSI MIN)					
THREADED ROD DIAMETER (IN)	EMBED (IN)	TENSION TEST VALUE (LBS)			
		HY-200	HIT-RE 500-V3	SET-XP	DEWALT PURE 110+
3/8	3	2900	2750	1710	3320
1/2	4	5180	4570	2610	5900
5/8	5	8130	7140	3470	8930
3/4	6	11120	10160	4430	12450
7/8	7	12260	13820	5550	15690
1	8	20430	17120	7050	19170
1 1/4	10	23930	23930	11110	26800

EPOXY ANCHORS IN FULLY-GROUTED CMU (f'm = 1500 PSI MIN)				
REBAR SIZE	EMBED (IN)	TENSION TEST VALUE (LBS)		
		SET-XP	HY-20 0	DEWALT PURE 110+
#3	3 3/8	2790	1920	3320
#4	4 1/2	3670	3040	5900
#5	5 5/8	4370	3620	8930
#6	6 3/4	NA	4430	12450

EPOXY ANCHORS IN FULLY-GROUTED CMU (f'm = 1500 PSI MIN)				
THREADED ROD DIAMETER (IN)	EMBED (IN)	TENSION TEST VALUE (LBS)		
		SET-XP	HY-200	DEWALT PURE 110+
3/8	3 3/8	2980	1920	3320
1/2	4 1/2	3650	3040	5900
5/8	5 5/8	3790	3620	8930
3/4	6 3/4	3790	4430	12450

5. NO TESTING IS REQUIRED FOR #3 REINFORCING STEEL EPOXIED DOWELS AT CURBS AND HOUSEKEEPING PADS.

H. EXPANSION ANCHORS
1. FOR INSTALLATION IN CONCRETE, EXPANSION ANCHORS SHALL BE ONE OF THE FOLLOWING:
   a. STRONG BOLT 2 PER ICC-ES ESR-3037 AS MANUFACTURED BY SIMPSON STRONG TIE.
   b. KWIK BOLT TZ-2 PER ICC-ES ESR-4266 AS MANUFACTURED BY HILTI, INC.
   c. POWER-STUD+ SD2 PER ICC-ES-ESR 2502 AS MANUFACTURED BY DEWALT.
2. FOR INSTALLATION IN FULLY-GROUTED CONCRETE MASONRY, EXPANSION ANCHORS SHALL BE ONE OF THE FOLLOWING:
   a. WEDGE ALL PER ICC-ES ESR-1396 AS MANUFACTURED BY SIMPSON STRONG TIE.
   b. KWIK BOLT 3 PER ICC-ES ESR-1385 AS MANUFACTURED BY HILTI, INC.
   c. POWER-STUD+ SD1 PER ICC-ES-ESR 2966 AS MANUFACTURED BY DEWALT.
3. USE STAINLESS STEEL AT EXTERIOR, WEATHER-EXPOSED OR DAMP LOCATIONS; CARBON STEEL EXPANSION ANCHORS MAY BE USED AT ALL OTHER LOCATION, UNLESS OTHERWISE NOTED.
4. MINIMUM ANCHOR EMBEDMENT AND TORQUE TEST VALUES ARE AS FOLLOWS:

CARBON STEEL KWIK BOLT TZ2 IN NORMAL WEIGHT & LIGHT WEIGHT CONCRETE (f'c = 3000 PSI MIN)			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE	TORQUE TEST
(IN)		DEPTH (IN)	VALUE (FT-LBS)
3/8	2 5/16	2 5/8	30
1/2	2 3/8	2 5/8	50
5/8	4 7/16	4 3/4	40
3/4	5 9/16	5 3/4	110

STAINLESS STEEL KWIK BOLT TZ2 IN NORMAL WEIGHT & LIGHT WEIGHT CONCRETE			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE	TORQUE TEST
(IN)		DEPTH (IN)	VALUE (FT-LBS)
3/8	2 5/16	2 5/8	30
1/2	2 3/8	2 5/8	40
5/8	4 7/16	4 3/4	60
3/4	5 9/16	5 3/4	125

CARBON STEEL STRONG BOLT 2 IN NORMAL WEIGHT & LIGHT WEIGHT CONCRETE (f'c = 3000 PSI MIN)			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE	TORQUE TEST
(IN)		DEPTH (IN)	VALUE (LBS)
3/8	1 7/8	2	30
1/2	2 3/4	3	60
5/8	5 1/8	5 3/8	90
3/4	5 3/4	6	150

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
GOKHAN AKALAN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
GENERAL NOTES

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Approved under the California Building Code
Plans
Date 03/17/26
Subject to Field Approval, Exec. Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE 1/2" = 1'-0"
JOB NO. 24.33
SHEET NUMBER
S1.02

2/6/2026 1:47:22 PM

STAINLESS STEEL STRONG BOLT 2 IN NORMAL WEIGHT & LIGHT WEIGHT CONCRETE (f'c = 3000 PSI MIN)			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE	TORQUE TEST
(IN)		DEPTH (IN)	VALUE (LBS)
3/8	1 7/8	2	30
1/2	2 3/4	3	65
5/8	3 3/8	5 3/8	80
3/4	4 1/8	6	150

CARBON STEEL DEWALT POWER-STUD + SD2 IN NORMAL WEIGHT & LIGHT WEIGHT CONCRETE (f'c = 3000 PSI MIN)			
ANCHOR DIAMETER (IN)	HNOM (IN)	MINIMUM HOLE DEPTH (IN)	TORQUE TEST VALUE (FT-LBS)
3/8	2 3/8	2 5/8	20
1/2	2 1/2	2 3/4	40
5/8	4 7/8	5 1/4	60
3/4	5 3/4	6 1/4	110

STAINLESS STEEL DEWALT POWER-STUD + SD2 IN NORMAL WEIGHT & LIGHT WEIGHT CONCRETE			
ANCHOR DIAMETER (N)	HNOM (IN)	MINIMUM HOLE DEPTH (IN)	TORQUE TEST VALUE (FT-LBS)
3/8	2 3/8	2 5/8	25
1/2	2 1/2	2 3/4	40
5/8	3 7/8	4 1/4	60
3/4	4 1/2	5	110

KWIK BOLT 3 IN CONCRETE MASONRY (f'm = 1500 PSI MIN)			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE	TORQUE TEST
(IN)		DEPTH (IN)	VALUE (FT-LBS)
1/4	2	2 1/4	4
3/8	2 1/2	2 7/8	15
1/2	3 1/2	4	25
5/8	4	4 5/8	65
3/4	4 3/4	5 1/2	120

WEDGE ALL IN CONCRETE MASONRY (f'm = 1500 PSI MIN)			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE	TORQUE TEST
(IN)		DEPTH (IN)	VALUE (FT-LBS)
3/8	2 5/8	3 1/8	30
1/2	3 1/2	4.0000	35
5/8	4 3/8	5 1/8	55
3/4	5 1/4	6.0000	120

4. WHERE EXPANSION ANCHORS ARE INSTALLED IN CONTACT WITH WOOD FRAMING, PROVIDE AN OVERSIZE WASHER IN ORDER TO ACHIEVE TORQUE REQUIRED BY ICC-ES REPORT. USE 1/4"x3"x3" WASHER, MINIMUM.
5. CONTRACTOR SHALL PROVIDE ANCHORS WITH SUFFICIENT TOTAL LENGTH FOR THE SPECIFIED EMBEDMENT LENGTH, THICKNESS OF FASTENED PART, WASHER AND NUT.

I. SCREW ANCHORS
1. FOR INSTALLATION IN CONCRETE, SCREW ANCHORS SHALL BE ONE OF THE FOLLOWING:
   a. TITEN HD PER ICC-ES ESR-2713 AS MANUFACTURED BY SIMPSON STRONG TIE.
   b. KWIK HUS-EZ PER ICC-ES ESR-3027 AS MANUFACTURED BY HILTI, INC.
   c. SCREWBOLT+ PER ICC-ES ESR-3889 AS MANUFACTURED BY DEWALT.
2. MINIMUM ANCHOR EMBEDMENT AND TENSION TEST VALUES ARE AS FOLLOWS:

TITEN HD IN NORMAL WEIGHT CONCRETE (f'c = 3000 PSI MIN)			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE	TENSION TEST
(IN)		DEPTH (IN)	VALUE (FT-LBS)
3/8	2 1/2	3	1100
1/2	3 1/4	3 3/4	2730
5/8	4	4 1/2	2710
3/4	5 1/2	6	5410

KWIK HUS-EZ IN NORMAL WEIGHT CONCRETE (f'c = 3000 PSI MIN)			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE	TENSION TEST
(IN)		DEPTH (IN)	VALUE (FT-LBS)
1/4	2 1/2	2 7/8	1040
3/8	2 1/2	2 3/4	2100
1/2	2 1/4	2 5/8	1420
5/8	3 1/4	3 5/8	2800
3/4	4	4 3/8	3780

SCREW-BOLT + IN NORMAL WEIGHT CONCRETE (f'c = 3000 PSI MIN)			
ANCHOR DIAMETER	EMBED (IN)	MINIMUM HOLE DEPTH	TORQUE TEST VALUE (LBS)
1/4"	2 1/2"	2 7/8"	1215
3/8"	2 1/2"	2 7/8"	1750
1/2"	3"	3 3/8"	2240
5/8"	3 1/4"	3 5/8"	2540
3/4"	4 1/4"	4 5/8"	4090

J. POWDER-ACTUATED FASTENERS
1. PAF SHALL BE ONE OF THE FOLLOWING:
   a. SIMPSON STRONG TIE POWDER-ACTUATED FASTENERS PER ICC-ES ESR-2138 FOR ANCHORAGE OF METAL TO CONCRETE, MASONRY OR STEEL.
   b. HILTI, INC. X-U PER ICC-ES ESR-2269 FOR ANCHORAGE OF METAL TO CONCRETE, MASONRY OR STEEL
   c. HILTI, INC. X-CP 72 PER ICC-ES ESR-2379 FOR ANCHORAGE OF SILL PLATES TO CONCRETE
   d. DEWALT POWDER-ACTUATED FASTENERS PER ICC-ES ESR-2024 FOR ANCHORAGE OF METAL TO CONCRETE, MASONRY OR STEEL AND ANCHORAGE OF WOOD SILLS TO CONCRETE.
2. PROVIDE 0.08"x1.1"x1.1" SQUARE OR 0.08"x1.425" DIAMETER ROUND WASHER AT EACH PAF.
3. MINIMUM PAF EMBED INTO CONCRETE SHALL BE 1", UNLESS OTHERWISE NOTED.
4. MINIMUM PAF EMBED INTO STEEL SHALL BE PER MANUFACTURER.

X. SUBMITTALS AND DEFERRED APPROVALS

A. THE CONTRACTOR SHALL REVIEW EACH SUBMITTAL PRIOR TO SENDING TO THE ARCHITECT AND SEOR. SUBMITTALS WILL ONLY BE REVIEWED IF THEY ARE BASED ON THE LATEST DESIGN, IF THEY ADDRESS ANY COMMENTS FROM PREVIOUS VERSIONS OF THE SUBMITTAL, IF THE WORK IS COORDINATED WITH ALL OTHER TRADES, AND IF THE SUBMITTAL DOES NOT INCLUDE SUBSTITUTION REQUESTS. SUBMITTALS NOT MEETING THESE REQUIREMENTS WILL BE RETURNED TO THE CONTRACTOR WITHOUT COMMENT.

B. THE SEOR'S REVIEW OF EACH SUBMITTAL SHALL BE FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT.

C. NO WORK SHALL PROCEED PRIOR TO THE SEOR'S AND ARCHITECT'S APPROVAL OF THE SUBMITTAL.

D. THE FOLLOWING ITEMS REQUIRE A SUBMITTAL FOR STRUCTURAL REVIEW. SEE THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
1. REINFORCING STEEL SHOP DRAWINGS
2. STRUCTURAL STEEL SHOP DRAWINGS
3. WELDING PROCEDURE SPECIFICATIONS

XI. TESTING AND INSPECTION

A. SPECIAL INSPECTIONS SHALL BE PERFORMED BY A SPECIAL INSPECTOR PER CBC SECTIONS 1704 AND 1705. THE SPECIAL INSPECTOR SHALL BE RETAINED BY THE OWNER AND NOT BY THE CONTRACTOR.

B. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN SEISMIC FORCE RESISTING SYSTEM SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY PER CBC SECTION 1704.4 TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK FOR THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
1. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
2. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF REPORTS.
4. IDENTIFICATION AND QUALIFICATION OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.

C. THE FOLLOWING WORK REQUIRES STRUCTURAL TESTS. FOR SPECIFIC REQUIREMENTS OF STRUCTURAL TESTS, SEE THE SPECIFICATIONS AND GENERAL NOTES.
1. REINFORCING STEEL
2. CAST IN PLACE CONCRETE
3. SHOTCRETE
4. POST-INSTALLED ANCHORS
5. CONCRETE MASONRY
6. STRUCTURAL STEEL MATERIALS AND FABRICATION
7. WELDING
8. STEEL DECKING
9. COLD-FORMED METAL FRAMING

D. THE FOLLOWING ITEMS SHALL RECEIVE SPECIAL INSPECTION BY A CERTIFIED SPECIAL INSPECTOR IN ACCORDANCE WITH CBC SECTIONS 1704 AND 1705.
1. C INDICATES CONTINUOUS INSPECTION; P INDICATES PERIODIC INSPECTION.
2. AN X IS PLACED IN THE APPROPRIATE COLUMN TO INDICATE WHETHER INSPECTION IS TO BE CONTINUOUS OR PERIODIC; "—" INDICATES THAT AN ACTIVITY OCCURS ONE TIME ONLY OR THAT ITS FREQUENCY IS DETERMINED IN ANOTHER MANNER. A BLANK BOX INDICATES THIS TYPE OF INSPECTION IS NOT REQUIRED.

VERIFICATION AND INSPECTION	**C**	**P**	**NOTES/REFERENCED STANDARDS**
1704.2.5.1 – INSPECT FABRICATOR'S FABRICATION AND QUALITY CONTROL PROCEDURES.	–	–	NOT REQUIRED WHEN THE STRUCTURAL STEEL FABRICATOR IS APPROVED IN ACCORDANCE WITH CBC SECTION 1704.2.5.2.
1705 – REQUIRED VERIFICATION AND INSPECTION			
1705.2.1 – STRUCTURAL STEEL: ALL IN ACCORDANCE WITH QUALITY INSURANCE INSPECTION REQUIREMENTS OF AISC 360. REFER TO CBC TABLE 1705A.2.1.			
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS			
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.		X	AISC 360: A3.3
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED		X	
2. INSPECTION OF HIGH-STRENGTH BOLTING:			AISC 360: M2.5
a. SNUG-TIGHT JOINTS		X	
b. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION		X	
c. PRETENSIONS AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITHOUT MATCHMARKING OR CALIBRATED WRENCH METHODS OF INSTALLATION	X		
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:			
a. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360		X	AISC 360: A3.1H AND CBC: 2203.1
b. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS		X	
c. MANUFACTURER'S CERTIFIED TEST REPORTS		X	
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:			
a. INDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATIONS IN THE APPROVED CONSTRUCTION DOCUMENTS		X	AISC 360: A3.5 AND APPLICABLE AWS A5 DOCUMENTS
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	–	X	
5. INSPECTION OF WELDING			
a. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK			
1) COMPLETE AND PARTIAL PENETRATION GROOVE WELDS	X		
2) MULTIPASS FILLET WELDS	X		
3) SINGLE PASS FILLET WELDS > 5/16"	X		AWS D1.1 AND CBC: 1705A.2.2
4) PLUG AND SLOT WELDS	X		
5) SINGLE PASS FILLET WELDS ? 5/16"		X	
6) FLOOR AND ROOF DECK WELDS		X	AWS D1.3
b. REINFORCING STEEL			AWS D1.4 AND ACI 318: 3.5.2
1) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706		X	
2) REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT	X		
3) SHEAR REINFORCEMENT	X		
4) OTHER REINFORCING STEEL		X	
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:			CBC: 1705A.2.2
a. DETAILS SUCH AS BRACING AND STIFFENING		X	
b. MEMBER LOCATIONS		X	
c. APPLICATION OF JOINT DETAILS AT EACH CONNECTION		X	
7. WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGMS PER AWS D1.1		X	
8. WELDING OF STAIRS AND RAILING SYSTEMS		X	

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
GOKHAN AKALAN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
GENERAL NOTES

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Safety Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval; Comply with Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE 1/2" = 1'-0"
JOB NO. 23.33
SHEET NUMBER
S1.03

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1705.2.2 STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL			
1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:			
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS		X	
b. MANUFACTURER'S CERTIFIED TEST REPORTS		X	
2. INSPECTION OF WELDING:			
a. COLD-FORMED STEEL DECK			
1) FLOOR AND ROOF DECK WELDS		X	AWS D1.3
b. REINFORCING STEEL:			
1) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706		X	AWS D1.4, ACI 318: 3.5.2
2) REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCING	X		
3) SHEAR REINFORCEMENT	X		
4) OTHER REINFORCING STEEL		X	

1705.3 – CONCRETE (REFER TO CBC TABLE 1705.3):			
1. INSPECTION OF REINFORCING STEEL INCLUDING PRESTRESSING TENDONS AND PLACEMENT		X	ACI 318: 3.5 AND 7.1-7.7; CBC: 1910.4
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2B	–	–	AWS D1.4; ACI 318: 3.5.2
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN HAS BEEN USED.		X	ACI 318: 8.1.3 AND 21.2.8; CBC: 1908.5 AND 1909.1
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS		X	ACI 318: 3.8.6, 8.1.3 AND 21.2.8; CBC: 1909.1
5. VERIFYING USE OF REQUIRED MIX DESIGN		X	ACI 318: CHAPTER 4 AND 5.2-5.4; CBC: 1904.2, 1910.2, AND 1910.3
6. AT THE TIME THE FRESH CONCRETE IS SAMPLED TO FARBICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X		ASTM C172; ASTM C31; ACI 318: 5.6 AND 5.8; CBC: 1910.10
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X		ACI 318: 5.9 AND 5.10; CBC: 1910.6, 1910.7 AND 1910.8
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X	
9. INSPECTION OF PRESTRESSED CONCRETE:			
a. APPLICATION OF PRESTRESSING FORCES	X		ACI 318: 18.20 AND 18.18.4
b. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING-SYSTEM	X		
10.ERECTION OF PRECAST CONCRETE MEMBERS			ACI 318: CHAPTER 16
11.VERIFICATION OF 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: 6.2
12.INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X	ACI 318: 6.1.1
13.INSPECTION OF EPOXIED ANCHORS AND REINFORCING DOWELS IN HORIZONTAL AND UPWARDLY INCLINED POSITIONS		X	

1705.4 – MASONRY (IN ACCORDANCE WITH TMS 402/ACI 530/ASCE 5 AND LEVEL B MASONRY INSPECTIONS AND TMS 602/ACI 530.1/ASCE 6 QUALITY ASSURANCE PROGRAM REQUIREMENTS. REFER TO TMS 402/ACI 530/ASCE 5 TABLE 19.2)			
1. VERIFICATION OF f'm AND f'AAC PRIOR TO CONSTRUCTION		X	
2. VERIFY COMPLIANCE WITH APPROVED SUBMITTALS		X	TMS 602/ACI 530.1/ASCE 6: 1.5
3. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
a. PROPORTIONS OF SITE-PREPARED MORTAR		X	TMS 602/ACI 530.1/ASCE 6: 2.1 AND 2.6A
b. CONSTRUCTION OF MORTAR JOINTS		X	TMS 602/ACI 530.1/ASCE 6: 3.3B
c. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES		X	TMS 602/ACI 530.1/ASCE 6: 2.4B AND 2.4H
d. LOCATION OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS		X	TMS 602/ACI 530.1/ASCE 6: 3.4 AND 3.6A
e. PRESTRESSING TECHNIQUE		X	TMS 602/ACI 530.1/ASCE 6: 3.6B
f. PROPERTIES OF THIN-BED MORTAR OF AAC MASONRY	X	X	TMS 602/ACI 530.1/ASCE 6: 2.1C
4. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
a. GROUT SPACE		X	TMS 602/ACI 530.1/ASCE 6: 3.2D AND 3.2F
b. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGE		X	TMS 602/ACI 530.1/ASCE 6: 2.4 AND 3.4; TMS 402/ACI 530/ASCE 5: 1.16
c. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGE		X	TMS 602/ACI 530.1/ASCE 6: 3.2E, 3.4 AND 3.6A; TMS 402/ACI 530/ASCE 5: 1.16
d. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS		X	TMS 602/ACI 530.1/ASCE 6: 2.6B, 2.4G.1.b
e. CONSTRUCTION OF MORTAR JOINTS		X	TMS 602/ACI 530.1/ASCE 6: 3.3B
5. VERIFY DURING CONSTRUCTION:			
a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS		X	TMS 602/ACI 530.1/ASCE 6: 3.3F
b. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION		X	TMS 402/ACI 530/ASCE 5: 1.16.4.3 AND 1.17.1
c. WELDING OF REINFORCEMENT	X		TMS 402/ACI 530/ASCE 5: 2.1.7.7.2, 3.3.3.4(c), AND 8.3.3.4(b)
d. PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F)		X	TMS 602/ACI 530.1/ASCE 6: 1.8C AND 1.8D
e. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	X		TMS 602/ACI 530.1/ASCE 6: 3.6B
f. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	X		TMS 602/ACI 530.1/ASCE 6: 3.5 AND 3.6C
g. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	X	X	TMS 602/ACI 530.1/ASCE 6: 3.3B.8
6. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS		X	TMS 602/ACI 530.1/ASCE 6:1.4B.2.a.3, 1.4B.b.3, 1.4B.2.c.3, 1.4B.3, AND 1.4B.4

1705.4 – MASONRY (IN ACCORDANCE WITH TMS 402/ACI 530/ASCE 5 AND LEVEL C MASONRY INSPECTIONS AND TMS 602/ACI 530.1/ASCE 6 QUALITY ASSURANCE PROGRAM REQUIREMENTS. REFER TO TMS 402/ACI 530/ASCE 5 TABLE 19.3)			
1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS		X	TMS 602/ACI 530.1/ASCE 6: 1.5
2. VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:		X	
a. PROPORTIONS OF SITE-MIXED MORTAR, GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS		X	TMS 602/ACI 530.1/ASCE 6: 2.1, 2.6A, 2.6B, 2.6C, 2.4G.1.b
b. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES		X	TMS 602/ACI 530.1/ASCE 6: 2.4 AND 3.4; TMS 402/ACI 530/ASCE 5: 1.16
c. PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MORTAR JOINTS		X	TMS 602/ACI 530.1/ASCE 6: 3.3B
d. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES	X		TMS 602/ACI 530.1/ASCE 6: 3.2E, 3.4 AND 3.6A; TMS 402/ACI 530/ASCE 5: 1.16
e. GROUT SPACING PRIOR TO GROUTING	X		TMS 602/ACI 530.1/ASCE 6: 3.2D AND 3.2F
f. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	X		TMS 602/ACI 530.1/ASCE 6: 3.5 AND 3.6C
g. SIZE AND LOCATION OF STRUCTURAL ELEMENTS		X	TMS 602/ACI 530.1/ASCE 6: 3.3F
h. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION	X		TMS 402/ACI 530/ASCE 5: 1.16.4.3 AND 1.17.1
i. WELDING OF REINFORCEMENT	X		TMS 402/ACI 530/ASCE 5: 2.1.7.7.2, 3.3.3.4(c), AND 8.3.3.4(b)
j. PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F)		X	TMS 602/ACI 530.1/ASCE 6: 1.8C AND 1.8D
k. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	X		TMS 602/ACI 530.1/ASCE 6: 3.6B
l. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	X		TMS 602/ACI 530.1/ASCE 6: 3.3B.8
m. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	X		TMS 602/ACI 530.1/ASCE 6: 2.1C.1
3. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	X		TMS 602/ACI 530.1/ASCE 6: 1.4B.2.a.3, 1.4B.b.3, 1.4B.2.c.3, 1.4B.3, AND 1.4B.4

1705.5 – WOOD (REFER TO CBC SECTION 1705.5):			
1. INSPECTION OF PREFABRICATED WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES		X	CBC: 1704.2.5
2. INSPECTION OF HIGH-LOAD DIAPHRAGMS			CBC: 1705.5.1
a. VERIFY SHEATHING GRADE AND THICKNESS		X	
b. VERIFY NOMINAL SIZE OF FRAMING MEMBERS AT PANEL EDGES		X	
c. VERIFY NAIL OR STAPLE DIAMETER AND LENGTH		X	
d. VERIFY NUMBER OF FASTENER LINES AND SPACING BETWEEN FASTENERS		X	
3. INSPECTION OF METAL-PLATE-CONNECTED WOOD TRUSSES SPANNING 60 FEET OR GREATER: VERIFY THAT TEMPORARY INSTALLATION RETRAINT/BRACING AND THE PERMANENT RESTRAINT/BRACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE.		X	CBC: 1705.5.2

1705.5 – SOILS (REFER TO CBC TABLE 1705.6)			
1. VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY		X	
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X	
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS		X	
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X		
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X	

1705.11 – SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (REFER TO CBC SECTION 1705.11)			
1. STRUCTURAL STEEL: SPECIAL INSPECTION IN ACCORDANCE WITH THE QUALITY ASSURANCE PLAN REQUIREMENTS OF AISC 341	X		CBC: 1705.11.1
2. STRUCTURAL WOOD			CBC: 1705.11.2
a. FIELD GLUING OPERATION OF ELEMENTS OF THE SEISMIC FORCE RESISTING SYSTEM	X		
b. NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC FORCE RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES, SHEAR PANELS AND HOLDDOWNS		X	
3. STRUCTURAL COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION			CBC: 1705.11.3
a. WELDING OF ELEMENTS OF THE SEISMIC-FORCE RESISTING SYSTEM		X	
b. INSPECTION OF SCREW ATTACHMENTS, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC-FORCE RESISTING SYSTEM INCLUDING SHEARWALLS, BRACES, DIAPHRAGMS, DRAG STRUTS, AND HOLDDOWNS		X	

XII. DEMOLITION NOTES:

A. GENERAL
1. DEMOLITION SHALL BE LIMITED TO STRUCTURAL MEMBERS NOTED AS "DEMO" ON PLANS AND DETAILS.
2. WHERE ANY DOUBT EXISTS AS TO THE EXTENT, METHOD, OR SEQUENCE OF DEMOLITION, THE CONTRACTOR SHALL CONTACT THE ARCHITECT BEFORE PROCEEDING.
3. ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE, "AMERICAN NATIONAL STANDARD SAFETY REQUIREMENTS FOR DEMOLITION" (ANSI A10.6).
4. ALL SHORING METHODS AND SEQUENCING OF DEMOLITION SHALL BE SPECIFIED BY A LICENSED CIVIL OR STRUCTURAL ENGINEER TO BE RETAINED BY THE CONTRACTOR. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

B. PROTECTION
1. PROVIDE ADEQUATE PROTECTION FOR EXISTING BUILDING AND ITS CONTENTS WHERE WORK IS BEING PREFORMED; UTILIZE TEMPORARY ENCLOSURES TO PREVENT PUBLIC ACCESS TO CONSTRUCTION WORK; AND PROVIDE BARRIERS FOR NOISE AND DUST WHERE NEEDED.
2. ERECT AND MAINTAIN TEMPORARY BRACING, SHORING, LIGHTS, BARRICADES, WARNING SIGNS, AND GUARDS NECESSARY TO PROTECT THE PUBLIC, THE OWNER'S EMPLOYEES, CONSTRUCTION PERSONNEL, BUILDING FINISHES AND IMPROVEMENTS TO REMAIN AND ADJOINING PROPERTY FROM DAMAGE, ALL IN ACCORDANCE WITH APPLICABLE REGULATIONS.
3. THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION WHEREVER EXISTING SUPPORTS ARE REMOVED TO ALLOW THE INSTALLATION OF THE NEW WORK. SHORING SHALL BE COORDINATED WITH EXISTING CONSTRUCTION TO REMAIN AS WELL AS NEW CONSTRUCTION. SHORING SHALL REMAIN IN PLACE UNTIL ALL NEW CONSTRUCTION HAS BEEN COMPLETED.

C. DISPOSAL
1. MATERIALS FORMING PORTIONS OF THE PERMANENT STRUCTURE DESIGNATED FOR DEMOLITION SHALL BECOME THE CONTRACTOR'S PROPERTY, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR REMOVAL FROM THE SITE UNLESS SPECIFICALLY NOTED OTHERWISE.

D. EXECUTION
1. ENTIRE BEAMS, GIRDERS, SLABS, COLUMNS, AND WALLS SHALL BE CONTINUOUSLY SUPPORTED WITH SHORING AND ADEQUATELY BRACED DURING DEMOLITION OF ANY PORTION THEREOF.
2. SHORING SHALL BE SUPPORTED OVER AS LARGE AN AREA AS PRACTICAL SUCH THAT CONSTRUCTION LOADING IS WELL DISTRIBUTED.
3. ALL CUTTING, CHIPPING, AND DRILLING SHALL BE LIMITED TO DEPTHS AS SHOWN. NO OVERCUTTING IS PERMITTED.
4. WHERE EXISTING REINFORCING IS TO BE LEFT INTACT, CARE SHALL BE TAKEN TO AVOID BENDING SUCH REINFORCING.
5. ALL PATCHING SHALL BE PRECEDED WITH THE APPLICATION OF A BONDING AGENT. SEE SPECIFICATIONS.
6. IF CONDITIONS EXIST, OTHER THAN THOSE SITUATIONS NOTED ON THE DRAWINGS, WHICH REQUIRE REINFORCING TO BE CUT, THE ARCHITECT SHALL BE NOTIFIED BEFORE PROCEEDING.

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County of Madera – CED Building Division
Safety Approved Building Plans. Approved under the 2022 CBC
Date 03/17/26
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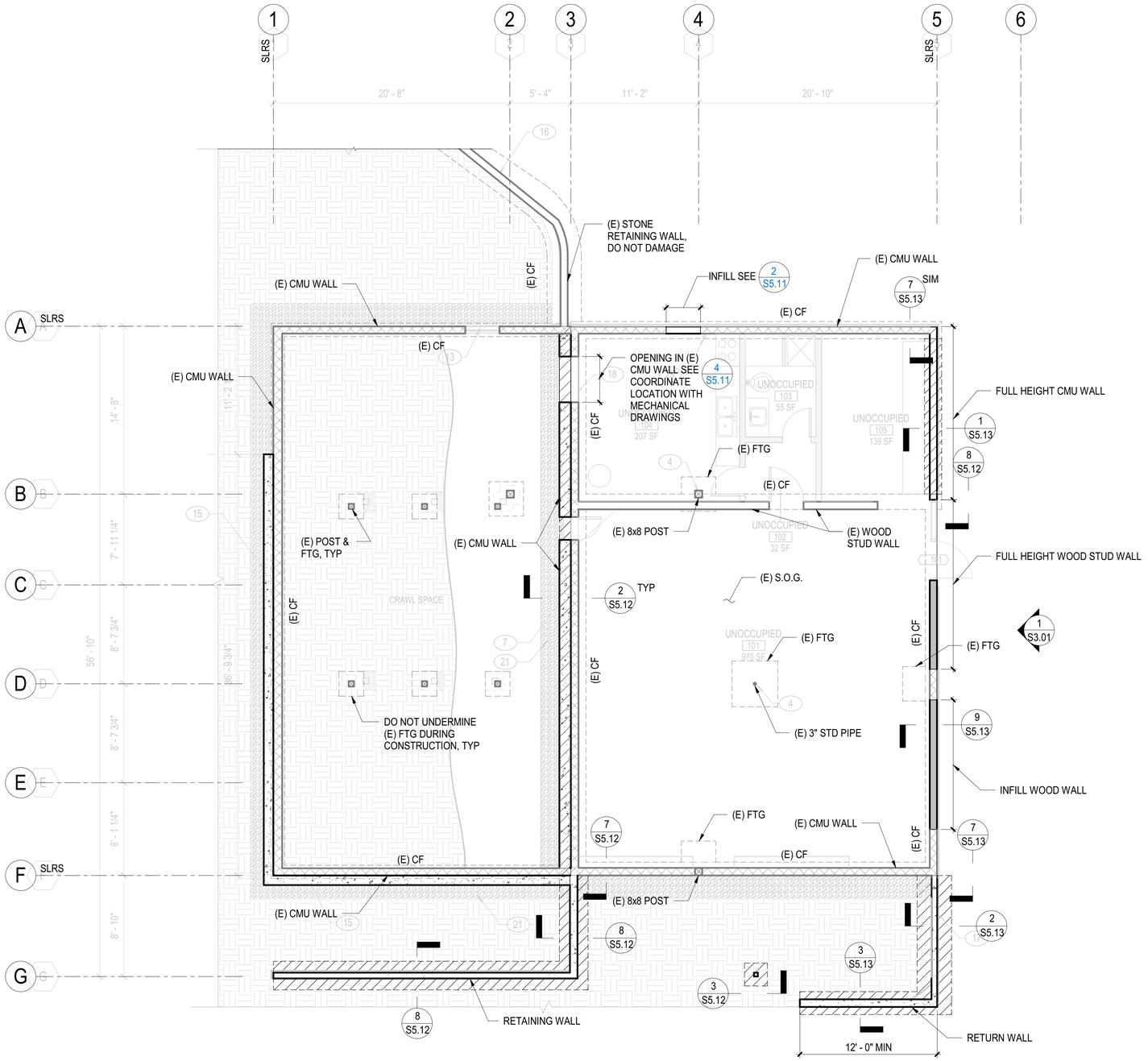
DATE 03/06/2026
SCALE 1 1/2" = 1'-0"
JOB NO. 25.33
SHEET NUMBER
S1.04

2/26/2026 1:47:23 PM



1 FOUNDATION PLAN

3/16" = 1'-0"

SHEET NOTES:

1. COORDINATE WALL LAYOUT WITH ARCHITECTURAL DRAWINGS.

2. ALL WORK SHOWN NEW UNLESS OTHERWISE NOTED AS EXISTING (E).

3. SHORE (E) FRAMING ABOVE AS REQ'D TO INSTALL NEW FRAMING.

4. SEE GENERAL NOTES ON SHEETS S1.01, S1.02, S1.03 AND S1.04.

5. FOR DRAINAGE DETAILS, SUMPS, PITS, DAMP PROOFING, TRENCHES, CURBS, EXTERIOR WALKS, UTILITIES, EQUIPMENT DETAILS, STEPS, ETC., SEE DRAWINGS OTHER THAN STRUCTURAL.

6. HOLDOWNS ARE DENOTED THUS ON PLAN: HD
SEE DETAILS ON SHEET S8.20. TENSION TEST ALL HD AND ANCHOR BOLTS IN FIELD
SEE GENERAL NOTES FOR TESTING VALUES.

7. STRUCTURAL STUD WALLS ARE SHOWN THUS: ON PLAN AND SHALL BE 2x6 STUDS AT 16"ON CENTER U.O.N. SEE ARCH.DWGS. FOR NONLOAD BEARING PARTITION WALLS. FOR TYPICAL FRAMING OF STRUCTUAL STUD WALLS SEE DETAILS ON SHEET S8.30.

8. WHERE NEW STUD WALL INFILL IS SHOWN, NEW STUDS SHALL MATCH THE SIZE OF EXISTING STUDS.

9. SEE TYPICAL FRAMING DETAILS ON SHEETS S8.00, S8.10, S8.20, S8.30, S8.31, S8.32, AND S8.33.

10. X DENOTES NEW PLYWOOD ON (E) STUD WALL SEE DETAILS ON SHEET S8.20.

11.SEE TYPICAL CONCRETE DETAILS ON SHEET S5.10.

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

BID SET

SHEET TITLE
FOUNDATION PLAN

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	S8.33
SHEET NUMBER	S2.01

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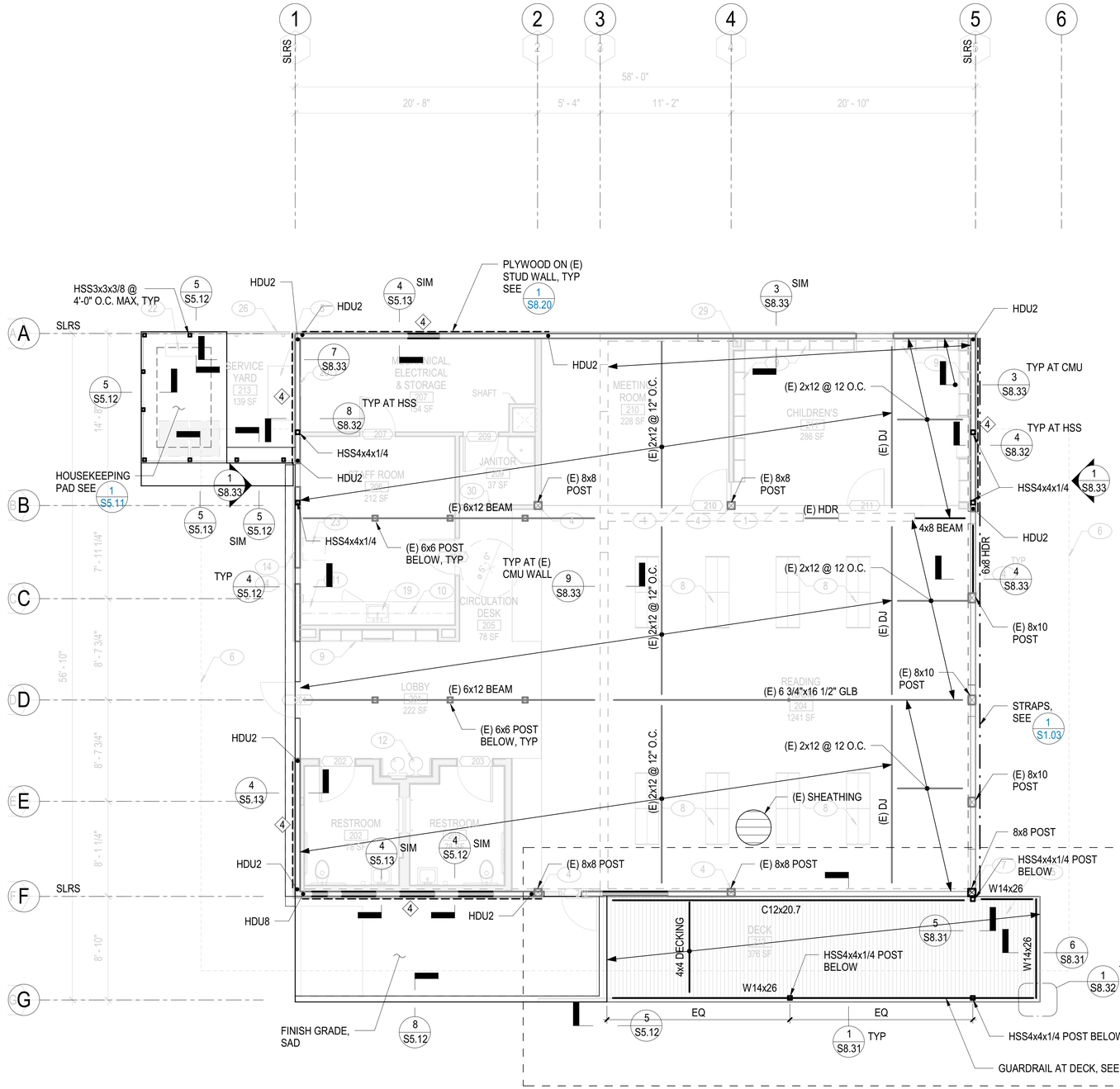

1 FIRST FLOOR FRAMING PLAN

3/16" = 1'-0"

SHEET NOTES:

1. COORDINATE WALL LAYOUT WITH ARCHITECTURAL DRAWINGS.

2. ALL WORK SHOWN NEW UNLESS OTHERWISE NOTED AS EXISTING (E).

3. SHORE (E) FRAMING AS REQ'D TO INSTALL NEW FRAMING.

4. SEE TYPICAL FRAMING DETAILS ON SHEETS S8.00, S8.10, S8.20, S8.30, AND S8.40.

5. SEE SHEET NOTES ON SHEET S2.01.

6. STRUCTURAL STUD WALLS ARE SHOWN THUS: ON PLAN AND SHALL BE 2x6 STUDS AT 16"ON CENTER U.O.N. SEE ARCH.DWGS. FOR NONLOAD BEARING PARTITION WALLS. FOR TYPICAL FRAMING OF STRUCTUAL STUD WALLS SEE DETAILS ON SHEET S8.30.

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NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
GOKHAN AKALAN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
FIRST FLOOR FRAMING PLAN

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Approved Plans. Approved under the California Building Code
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DATE 03/06/2026
SCALE As indicated
JOB NO. 2533
SHEET NUMBER
S2.02

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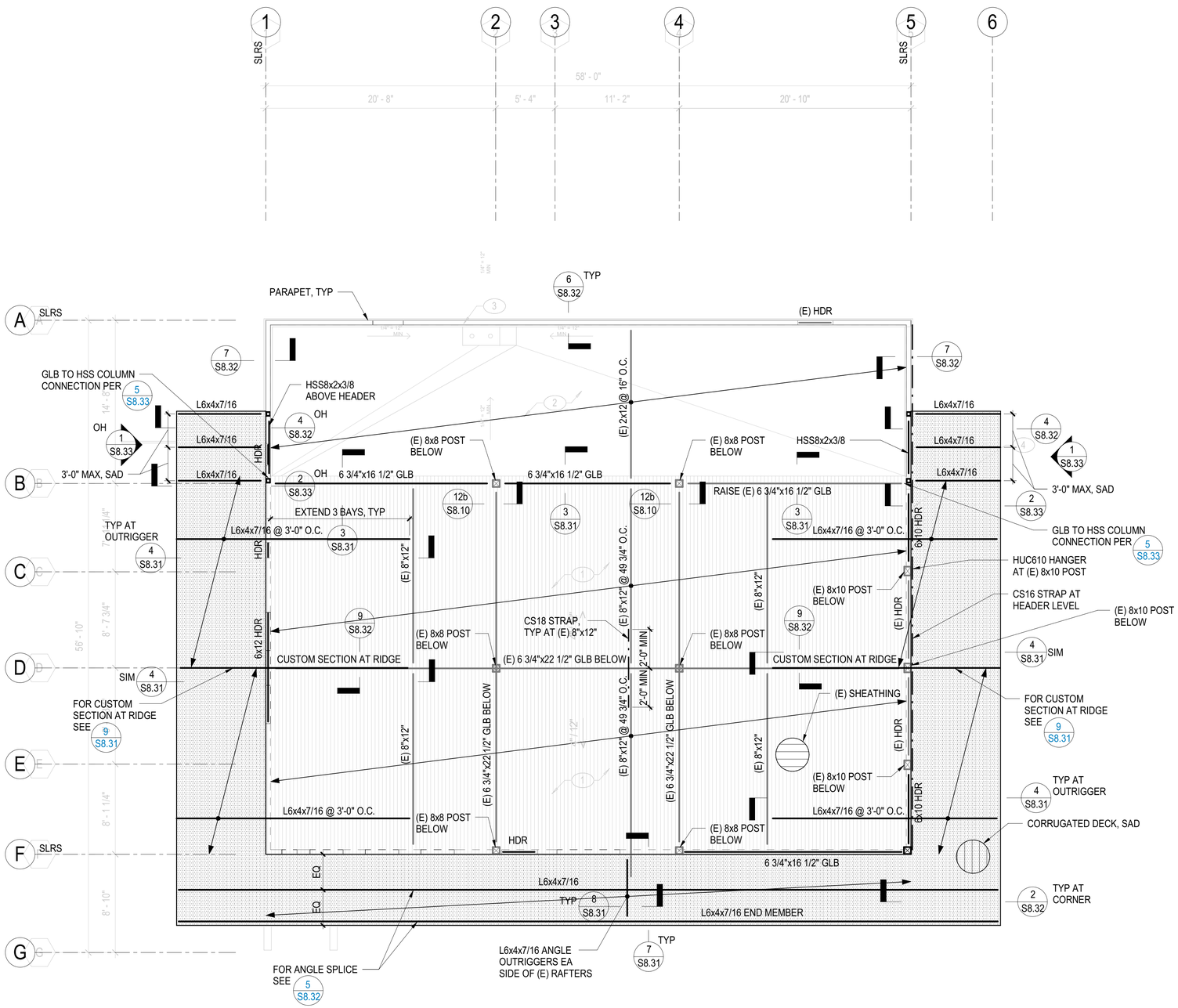

1 ROOF FRAMING PLAN

3/16" = 1'-0"

SHEET NOTES:

1. COORDINATE WALL LAYOUT WITH ARCHITECTURAL DRAWINGS.
2. ALL WORK SHOWN NEW UNLESS OTHERWISE NOTED AS EXISTING (E).
3. SHORE (E) FRAMING AS REQ'D TO INSTALL NEW FRAMING.
4. SEE TYPICAL FRAMING DETAILS ON SHEETS S8.00, S8.10, S8.20, S8.30, S8.31, S8.32, AND S8.33.
5. SEE SHEET NOTES ON SHEET S2.01.

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MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
G.OKHAN AKALEN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

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SHEET TITLE
ROOF FRAMING PLAN

REVISIONS		
NO.	DATE	DESCRIPTION

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SCALE	3/16" = 1'-0"
JOB NO.	S8.33
SHEET NUMBER	S2.03

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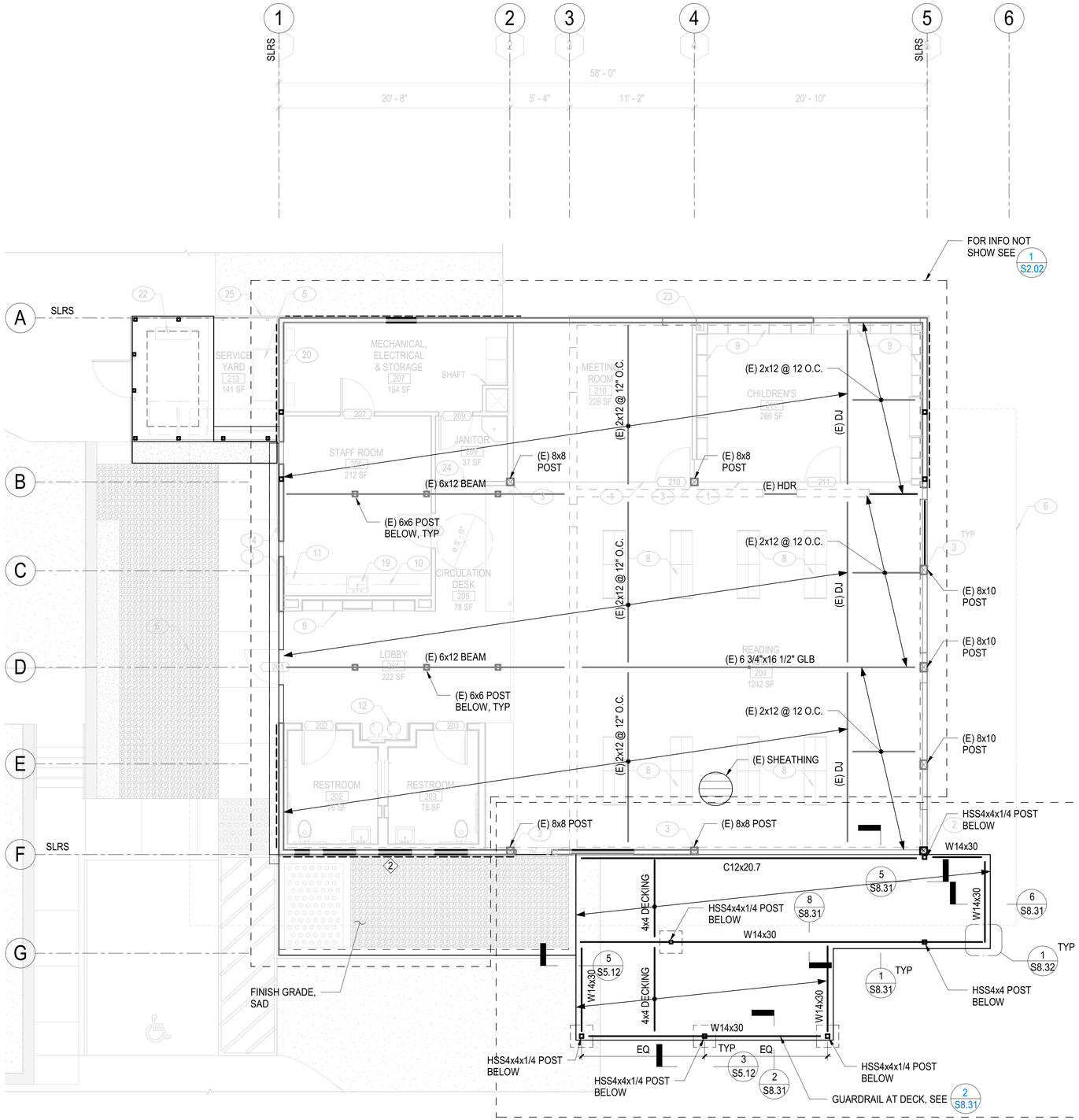

1 FIRST FLOOR FRAMING PLAN

3/16" = 1'-0"

SHEET NOTES:

1. COORDINATE WALL LAYOUT WITH ARCHITECTURAL DRAWINGS.

2. ALL WORK SHOWN NEW UNLESS OTHERWISE NOTED AS EXISTING (E).

3. SHORE (E) FRAMING AS REQ'D TO INSTALL NEW FRAMING.

4. SEE TYPICAL FRAMING DETAILS ON SHEETS S8.00, S8.10, S8.20, S8.30, AND S8.40.

5. SEE SHEET NOTES ON SHEET S2.01.

6. STRUCTURAL STUD WALLS ARE SHOWN THUS: ON PLAN AND SHALL BE 2x6 STUDS AT 16"ON CENTER U.O.N. SEE ARCH.DWGS. FOR NONLOAD BEARING PARTITION WALLS. FOR TYPICAL FRAMING OF STRUCTUAL STUD WALLS SEE DETAILS ON SHEET S8.30.

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STRUCTURAL
STATE OF CALIFORNIA

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SHEET TITLE
FIRST FLOOR FRAMING PLAN ALTERNATE

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JOB NO. 24.33
SHEET NUMBER **S2.12**

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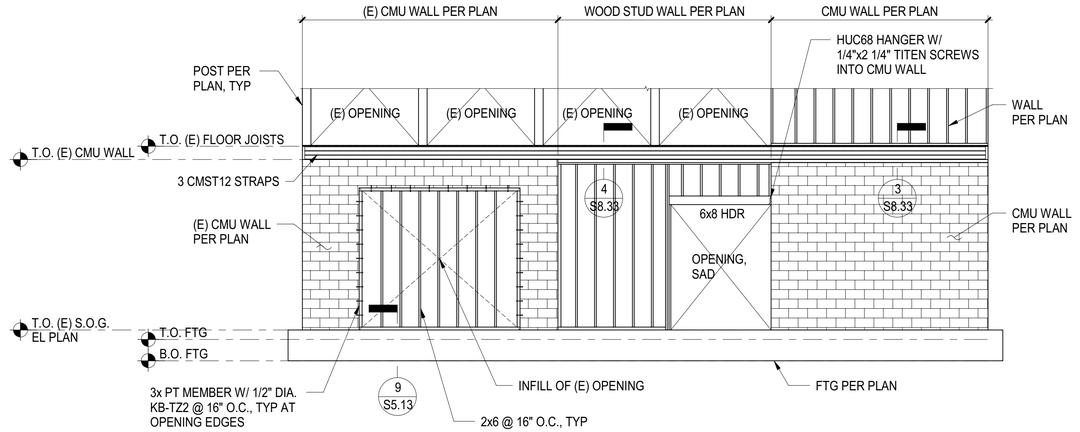
NOTES:

1. FOR TYPICAL STUD WALL DETAILS SEE S8.30.
2. SAD FOR INFO NOT NOTED
3. UPPER LEVEL NOT SHOWN FOR CLARITY.
4. LAP SPLICE REINFORCING PER (7 / S5.11)
5. CMU WALL BE RUNNING BOND & FULLY GROUTED UON.
6. USE DOUBLE OPEN END BLOCKS TO THE EXTENT PRACTICAL TYP
   DO NOT PLACE CLOSED SIDES BACK TO BACK.
7. SEE STRUCTURAL GENERAL NOTES FOR MATERIAL SPECIFICATIONS.



1 ELEVATION AT GRIDLINE 5

3/16" = 1'-0"

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STATE OF CALIFORNIA

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SHEET TITLE
ELEVATIONS

REVISIONS

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JOB NO.	25.33
SHEET NUMBER	S3.01

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CONCRETE STRENGTH		3000 PSI				4000 PSI			
REINFORCING CONFIGURATION		CASE 1		CASE 2		CASE 1		CASE 2	
BAR LOCATION / BAR SIZE		TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER
"CLASS A LAP SPLICE AND STRAIGHT DEVELOPMENT LENGTH, Ld (INCHES)"	#3	22	17	32	25	19	15	28	22
	#4	29	22	43	33	25	19	37	29
	#5	36	28	54	41	31	24	47	36
	#6	43	33	64	50	37	29	56	43
	#7	63	48	94	72	54	42	81	63
	#8	72	55	107	82	62	48	93	71
	#9	81	62	121	93	70	54	105	81
CLASS B LAP SPLICE (INCHES)	#3	28	22	42	32	24	19	36	28
	#4	37	29	56	43	32	25	48	37
	#5	47	36	70	54	40	31	60	47
	#6	56	43	84	64	48	37	72	56
	#7	81	63	122	94	70	54	106	81
	#8	93	72	139	107	80	62	121	93
	#9	105	81	157	121	91	70	136	105

NOTES:
1. VALUES IN THE TABLE ARE FOR NON-EPOXY COATED GRADE 60 REINFORCING STEEL AND NORMAL WEIGHT CONCRETE.

2. CASES 1 AND 2 ARE DEPENDENT ON THE TYPE OF CONCRETE ELEMENT, CONCRETE COVER AND CENTER-TO-CENTER SPACING OD REINFORCING BARS. THEY ARE DEFINED AS:
   CASE 1:
   BEAM AND COLUMNS:
   - CONCRETE COVER >= db
   - CENTER-TO-CENTER SPACING >= 2x db, AND
   - STIRRUPS OR TIES PROVIDED THROUGHTOUT ld

   OTHER ELEMENTS:
   - CONCRETE COVER >= db AND
   - CENTER-TO-CENTER SPACING >= 3x db

   CASE 2:
   BEAM AND COLUMNS:
   - CONCRETE COVER < db
   - CENTER-TO-CENTER SPACING < 2x db

   OTHER ELEMENTS:
   - CONCRETE COVER < db AND
   - CENTER-TO-CENTER SPACING < 2x db

3. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE BELOW. OTHER BAR INCLUDE ALL VERTICAL REINFORCING, ALL HORIZONTAL WALL REINFORCING AND HORIZONTAL REINFORCING WITH LESS THAN 12" OF FRESH CONCRETE BELOW BAR.

4. PROVIDE CLASS B LAP SPLICES, U.O.N.

5. FOR LIGHTWEIGHT CONCRETE, MULTIPLY THE VALUES IN THIS TABLE BY 1.3.

6. WHERE ld IS NOT OBTAINABLE DUE TO SPACE RETRICTIONS, PROVIDE A STANDARD HOOK PER DETAIL

7. FOR EPOXY-COATED BARS, MULTIPLY THE VALUE IN THIS TABLE BY 1.5.

8. SPLICES OF HORIZONTAL REINFORCING BARS IN WALLS AND SLABS SHALL BE STAGGERED. SPLICES OF HORIZONTAL REINFORCING BARS IN WALLS AND SLABS CONTAINING TWO CURTAINS OF REINFORCEMENT SHALL NOT OCCUR IN THE SAME LOCATION; SPLICES SHALL BE OFFSET BY THE MAXIMUM OF 12 INCHES AND 12 BAR DIAMETERS.

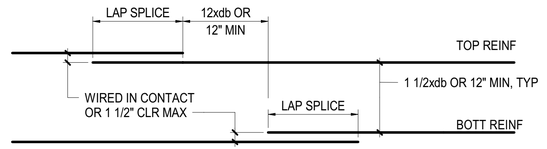
9. SEE SHORTCRETE NOTES FOR LAP SPLICES IN SHOTCRETE WALLS.

10. MECHANICAL COUPLERS MAY BE USED IN LIEU OF LAP SPLICES. MECHANICAL COULERS SHALL HAVE AN APPROVED ICC REPORT AND RESIST 125% OF REINFORCING BAR YIELD STRENGTH.

11. WHERE BARS OF DIFFERENT SIZES ARE SPLICED, SPLICE LENGTH SHALL BE THE MAXIMUM OF ld OF THE LARGER BAR AND THE LAP SPLICE LENGTH OF THE SMALLER BAR.

12. LAP TOP BARS AT MIDSPAN AND BOTTOM BARS AT SUPPORT, U.O.N.

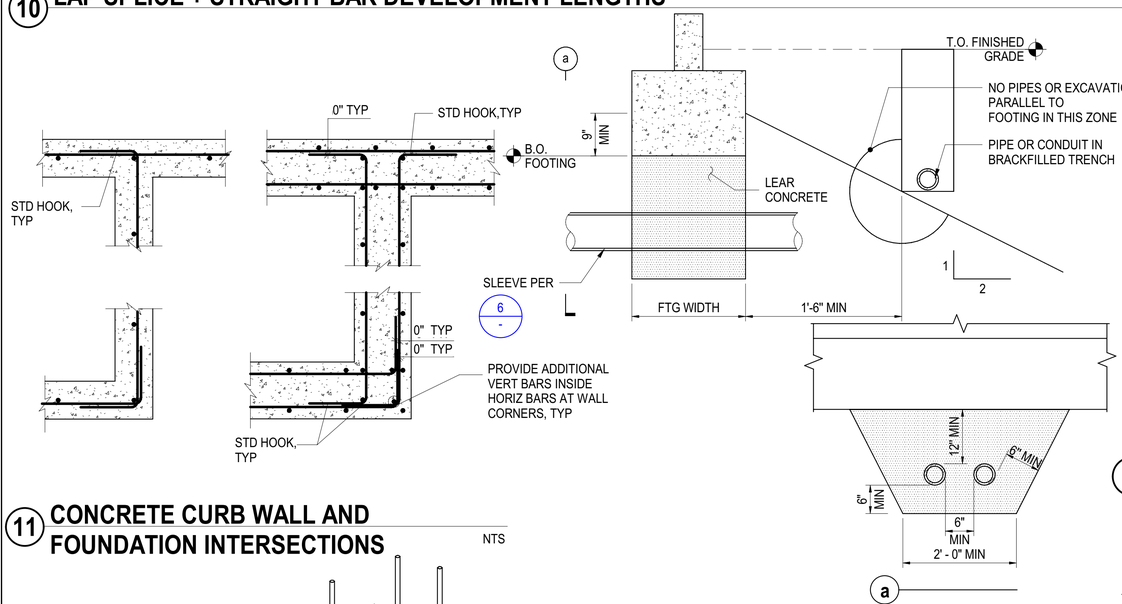
13. NON-CONTACT LAP SPLICED BARS SHALL BE SPLACED AT LEAST 1 ½" AND NO MORE THAN THE AXIMUM OF ONE- FIFTH OF THE LAP SPLICE AND 6"



a STRAGGERED WALL OR SLAB SPLICE DETAIL

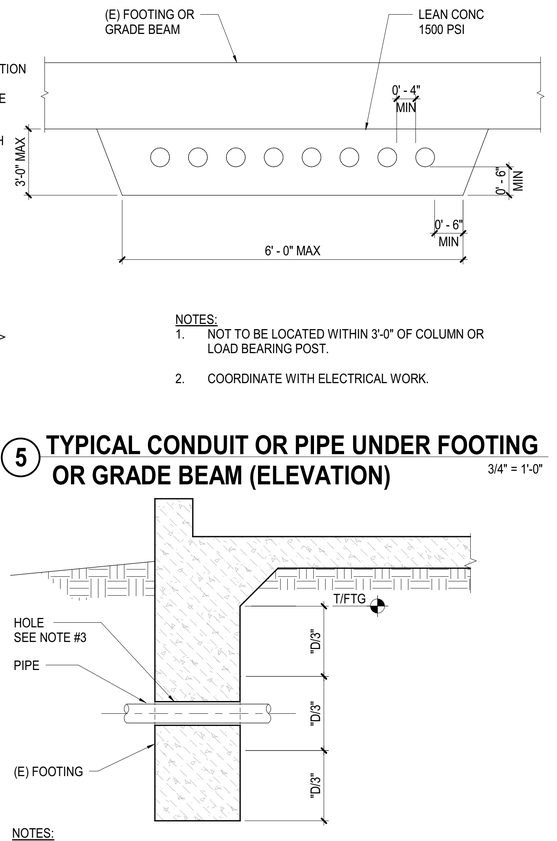
10 LAP SPLICE + STRAIGHT BAR DEVELOPMENT LENGTHS

NTS



5 TYPICAL CONDUIT OR PIPE UNDER FOOTING OR GRADE BEAM (ELEVATION)

3/4" = 1'-0"

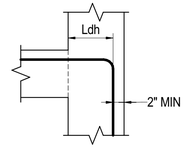


NOTES:
1. PRIOR TO DRILLING FOR HOLE, LOCATE (E) REINFORCING. DO NOT CUT (E) REINFORCING AND MAINTAIN 1 1/2" CLR AROUND HOLE.
2. MAXIMUM PIPE SIZE 6" DIA UNLESS OTHERWISE NOTED.
3. PROVIDE 1" MINIMUM GAP BETWEEN PIPE AND HOLE ALL AROUND PIPE.
4. LOCATE PIPE WITHIN MIDDLE 1/3 OF (E) FOOTING DEPTH.
5. MINIMUM CLEAR DISTANCE BETWEEN SLEEVES SHALL BE 4x LARGEST SLEEVE DIAMETER.
6. CAULK SEAL GAP AT SLEEVE-TO-PIPE/CONDUIT INTERFACE ON EXTERIOR SIDE OF FOOTING.

NOTES:
1. NOT TO BE LOCATED WITHIN 3'-0" OF COLUMN OR LOAD BEARING POST.
2. COORDINATE WITH ELECTRICAL WORK.

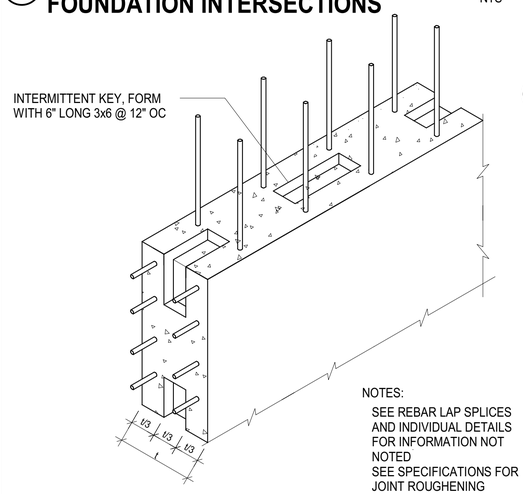
HOOKED BAR DEVELOPMENT LENGTH, Ldh			
BAR SIZE	CONCRETE STRENGTH		
	3000 PSI	4000 PSI	5000 PSI
#3	0' - 8"	0' - 7"	0' - 6"
#4	0' - 11"	0' - 9"	0' - 9"
#5	1' - 2"	1' - 0"	0' - 11"
#6	1' - 4"	1' - 2"	1' - 1"
#7	1' - 7"	1' - 5"	1' - 3"
#8	1' - 10"	1' - 7"	1' - 5"
#9	2' - 1"	1' - 9"	1' - 7"

NOTES:
1. THE HOOKED BAR DEVELOPMENT LENGTHS IN THIS TABLE ARE FOR NORMALWEIGHT CONCRETE. FOR LIGHTWEIGHT CONCRETE, THE HOOKED BAR DEVELOPMENT LENGTH SHALL NOT BE LESS THEN 10xdb, 7 ½" AND 1.3xLdh PER THE TABLE ABOVE.
2. THE HOOKED BAR DEVELOPMENT LENGTHS IN THIS TABLE APPLY TO MEMBERS WITH:
   a. SIDE COVER EQUAL TO AT LEAST 2 ½".
   b. END COVER EQUAL TO AT LEAST 2".



11 CONCRETE CURB WALL AND FOUNDATION INTERSECTIONS

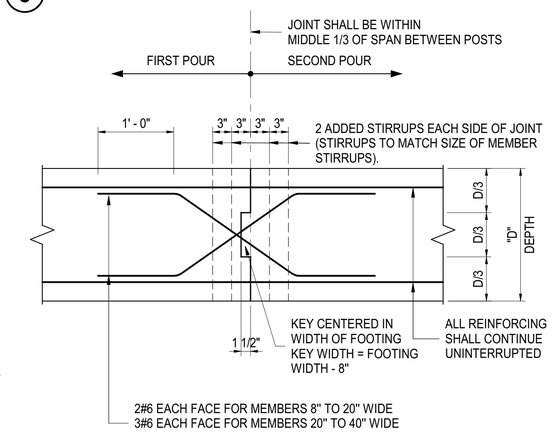
NTS



NOTES:
SEE REBAR LAP SPLICES AND INDIVIDUAL DETAILS FOR INFORMATION NOT NOTED
SEE SPECIFICATIONS FOR JOINT ROUGHENING REQUIREMENTS

8 TYPICAL EXCAVATION PARALLEL TO FTG

NTS



2 HOOKED BAR DEVELOPMENT LENGTHS

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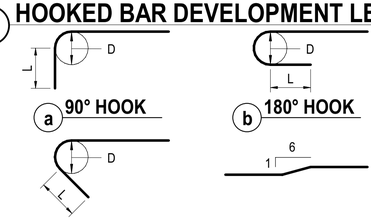

MAIN REINFORCING HOOKS			
BAR SIZE	BEND DIAMETER, D (IN)	90° HOOK L (IN)	180° HOOK L (IN)
#3	2 1/4	4 1/2	2 1/2
#4	3	6	2 1/2
#5	3 3/4	7 1/2	2 1/2
#6	4 1/2	9	3
#7	5 1/4	10 1/2	3 1/2
#8	6	12	4
#9	9 1/2	13 1/2	4 1/2

STIRRUP + TIE REINFORCING HOOKS			
BAR SIZE	BEND DIAMETER, D (IN)	90° HOOK L (IN)	180° HOOK L (IN)
#3	1 1/2	3	3
#4	2	3	3
#5	2 1/2	3 3/4	3 3/4

12 CONCRETE WALL VERTICAL & HORIZONTAL CONSTRUCTION JOINT

NTS

9 CONTINUOUS FOOTING CONSTRUCTION JOINT DETAIL

NTS

6 PIPE PENETRATION THRU (E) FOOTING

1" = 1'-0"

3 TYPICAL BAR HOOKS

NTS

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BID SET

SHEET TITLE
TYPICAL CONCRETE DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

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SHEET NUMBER	S5.10

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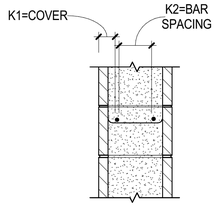
LAP SPLICE LENGTH (f 'm=2000PSI)			
BAR SIZE	FOR K≥2db	FOR K≥3db	FOR K≥4db
#3	N/A	2'-2"	1'-7"
#4	3'-0"	2'-10"	2'-2"
#5	3'-9"	3'-6"	2'-8"
#6	4'-6"	4'-6"	4'-2"
#7	5'-3"	5'-3"	4'-10"
#8	6'-0"	6'-0"	6'-0"
#9	6'-10"	6'-10"	6'-10"



K=MINIMUM (K1 OR K2)

NOTES:

1. "K" SHALL BE TAKEN AS THE CMU COVER DIMENSION OR THE CLEAR SPACING BETWEEN ADJACENT BARS, WHICHEVER IS LESS. SEE ABOVE.
2. WHERE EPOXY-COATED REINFORCING IS USED, INCREASE LAP SPLICE LENGTH BY 50%.
3. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS SHALL BE STAGGERED.
4. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS CONTAINING TWO CURTAINS OF REINFORCEMENT SHALL NOT OCCUR IN THE SAME LOCATION.
5. "N/A" MEANS "NOT ALLOWABLE" INCREASE "K" FOR ALLOWABLE LAP SPLICE.

7 REBAR OFFSET AND LAP SPLICE CMU f 'm=2000 PSI

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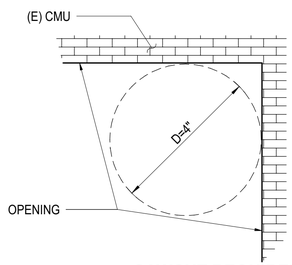
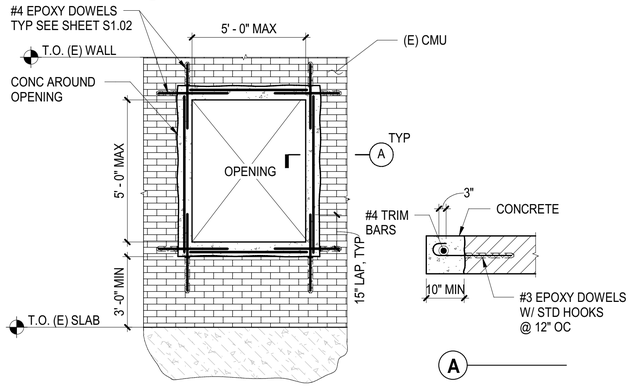


NOTES:

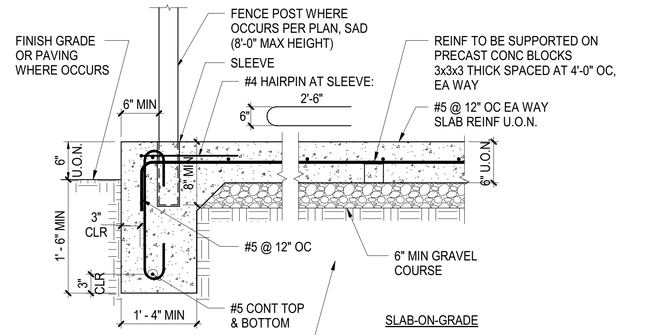
1. CORE 4" DIA HOLES AT NEW OPENING CORNERS.
2. SAWCUT BETWEEN CORE HOLES. DO NOT OVERCUT AT CORNERS.
3. WHERE REQUIRED, CHIP OUT REMAINING CONCRETE TO THE CORNERS WITH SMALL TOOLS.
4. WHERE SAWCUT SURFACES WILL BE CONCEALED, COAT ENDS OF REBAR WITH CORROSION RESISTANT PAINT, RUSTOLEUM OR EQUAL.
5. WHERE SAWCUT SURFACES ARE EXPOSED, BURN OFF ENDS OF REBAR 1" BELOW SURFACE AND PATCH AS FOR FORM TIES.

SAWCUT REQUIREMENTS



4 OPENING IN (E) CMU WALL

NTS

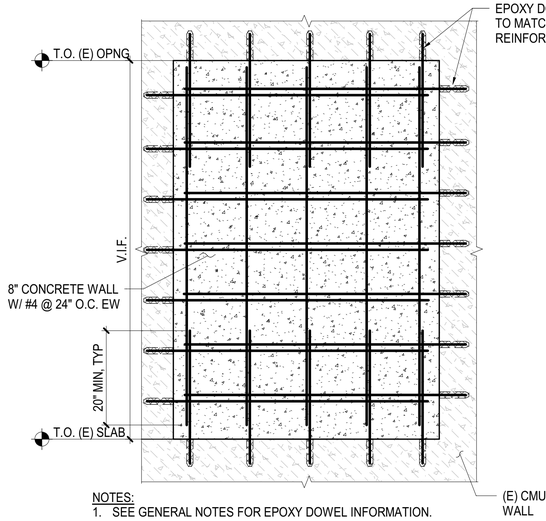


SLAB-ON-GRADE

NOTES:
1.- OVER EXCAVATE TO REMOVE ANY CRACKED OR LOOSE EXISTING MATERIAL BELOW SLAB AND FOOTING EXCAVATIONS. BACKFILL WITH LEAN CONCRETE f'c=1500 PSI @ 28 DAYS AS REQUIRED.
2. - SHORE (E) FRAMING AS NECESSARY.

1 HOUSEKEEPING PAD DETAIL

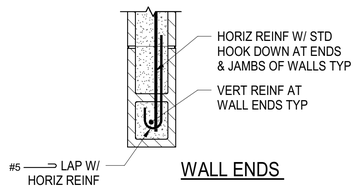
NTS



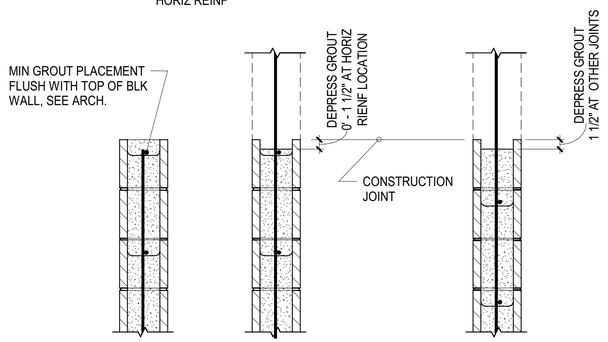
NOTES:
1. SEE GENERAL NOTES FOR EPOXY DOWEL INFORMATION.

2 INFILL IN (E) CMU WALL

NTS



WALL ENDS



WALL SECTION

9 CMU WALL CONSTRUCTION JOINTS

NTS

2/26/2026 1:47:27 PM

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

BID SET

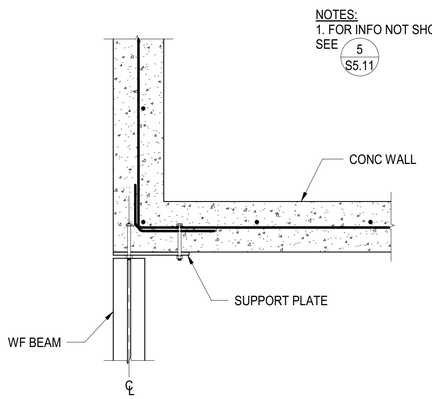
SHEET TITLE
CONCRETE DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

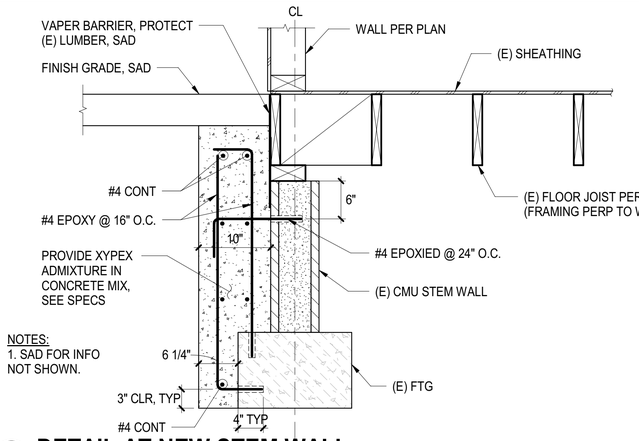
County of Madera – CED Building Division – Approved Plans. Approved under the California Building Code. Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	23.33
SHEET NUMBER	S5.11



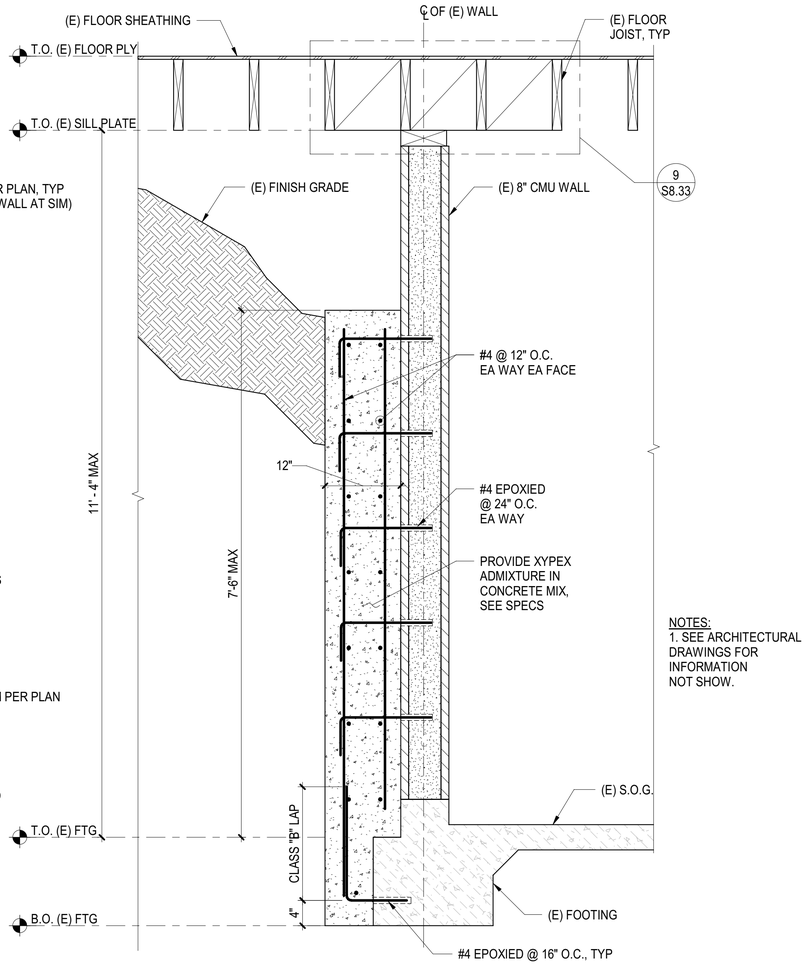
7 SECTION AT BEAM SUPPORT PLATE

1" = 1'-0"



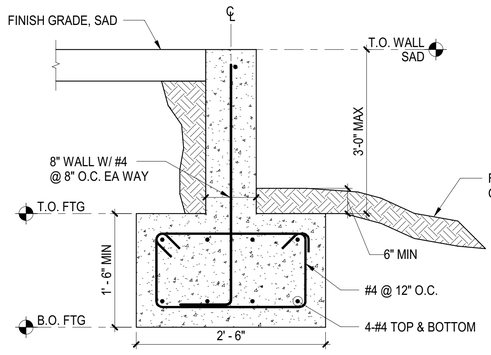
4 DETAIL AT NEW STEM WALL

1" = 1'-0"



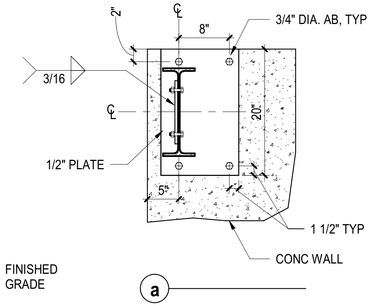
2 SECTION AT (E) CMU WALL

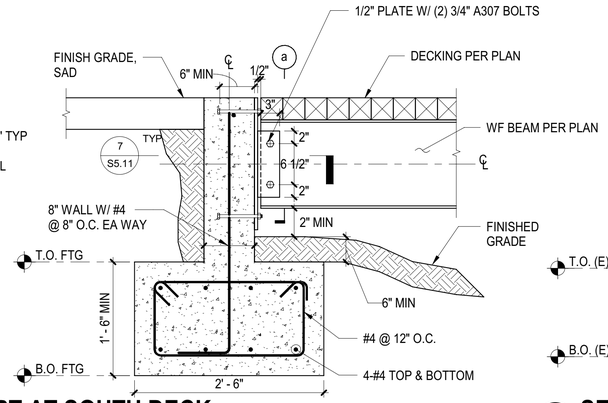
1" = 1'-0"



8 SECTION AT SITE WALL

1" = 1'-0"





5 WF BEAM SUPPORT AT SOUTH DECK

1" = 1'-0"

RETAINING WALL NOTES:

1. SEE DRAWINGS OTHER THAN STRUCTURAL FOR CIVIL, LANDSCAPING, AND DRAINAGE REQUIREMENTS, TYP.

2. SEE CIVIL DRAWINGS FOR FINISH GRADE ELEVATIONS AND SLOPE OF GRADE WHERE OCCURS.

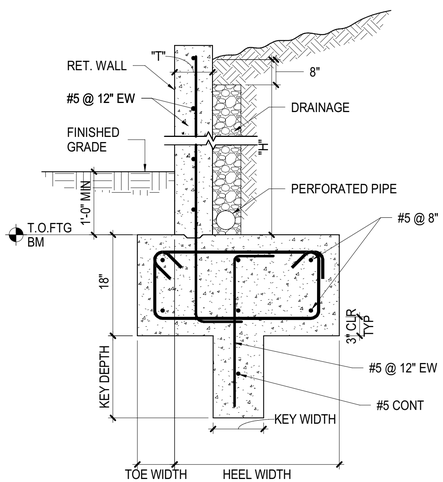
3. REFER TO GENERAL NOTES FOR CONCRETE COVER AND REINFORCING REQUIREMENTS NOT SHOWN OR NOTED.

4. DO NOT BACKFILL UNTIL WALL EACHES 28 DAY COMPRESSIVE STRENGTH.

5. CONTRACTOR TO SUBMIT TOP OF RETAINING WALL ELEVATIONS, TOP OF FOOTING ELEVATIONS, FOOTING STEP LOCATIONS AND MEASUREMENTS, AND FINISH GRADE ELEVATIONS TO THE ARCHITECT, STRUCTURAL ENGINEER, AND CIVIL ENGINEER FOR REVIEW AND APPROVAL. THE MINIMUM SETBACK AND TOE COVER MUST BE SHOWN. THE SUBMITTAL SHALL BE MADE PRIOR TO PREPARING THE REINFORCING BAR SUBMITTAL.

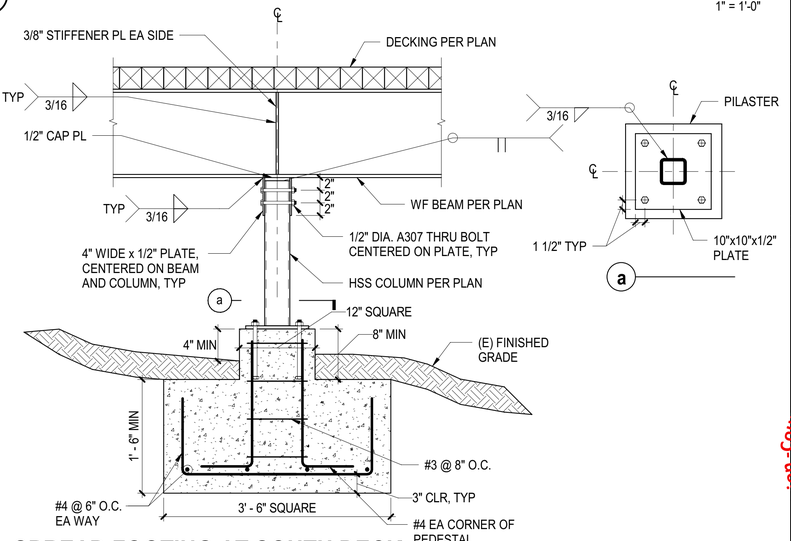
6. FOOTING EXCAVATIONS SHALL PENETRATE AT LEAST 6" INTO BEDROCK. EXCAVATIONS SHALL BE DEEPENED AS NECESSARY TO PROVIDE AT LEAST 7 FT OF HORIZONTAL CONFINEMENT BETWEEN BOTTOM OF FOUNDATION AND NEAREST SLOPE. SEE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.

RETAINING WALL SCHEDULE					
RETAINED HEIGHT "H"	WALL THICKNESS "T"	FOOTING DIMENSIONS		KEY DIMENSIONS	
		HEEL WIDTH	TOE WIDTH	KEY DEPTH	KEY WIDTH
3' - 0"	0' - 8"	0' - 8"	2' - 6"	-	-
4' - 0"	0' - 8"	0' - 8"	2' - 4"	1' - 0"	0' - 8"
5' - 0"	0' - 8"	0' - 8"	3' - 4"	1' - 0"	0' - 8"
7' - 0"	0' - 8"	0' - 8"	5' - 4"	2' - 0"	0' - 8"



9 SITE RETAINING WALL

NTS



3 SPREAD FOOTING AT SOUTH DECK

1" = 1'-0"

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
GOKHAN AKALEN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
CONCRETE DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Approved under the California Residential Building Code
Plans Approved
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	1" = 1'-0"
JOB NO.	S8.33
SHEET NUMBER	S5.12

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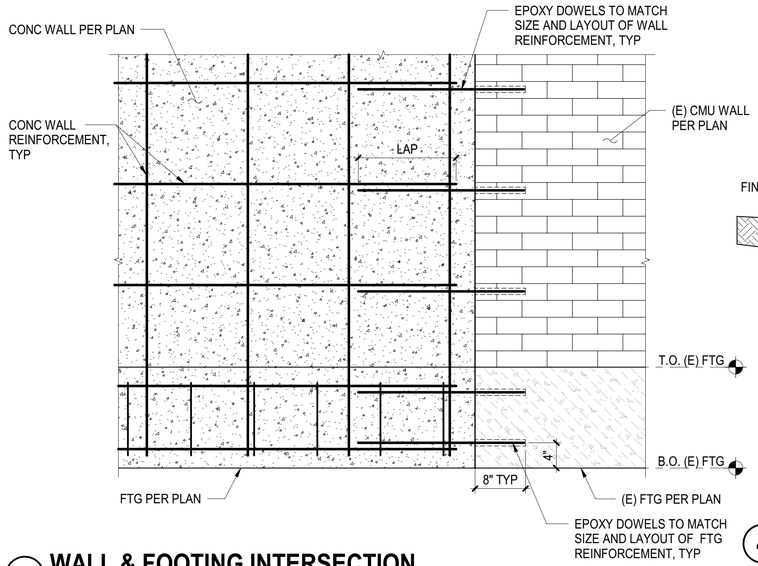
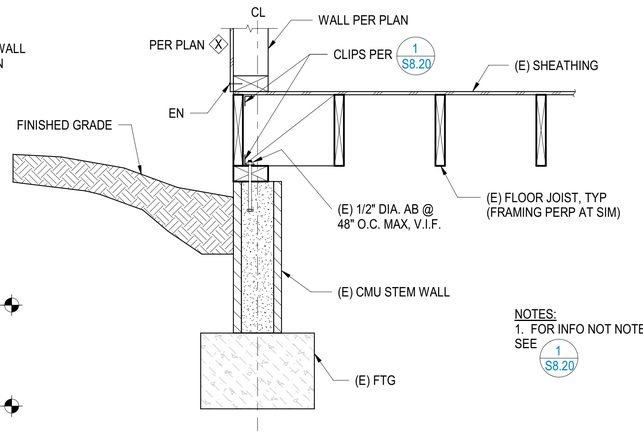


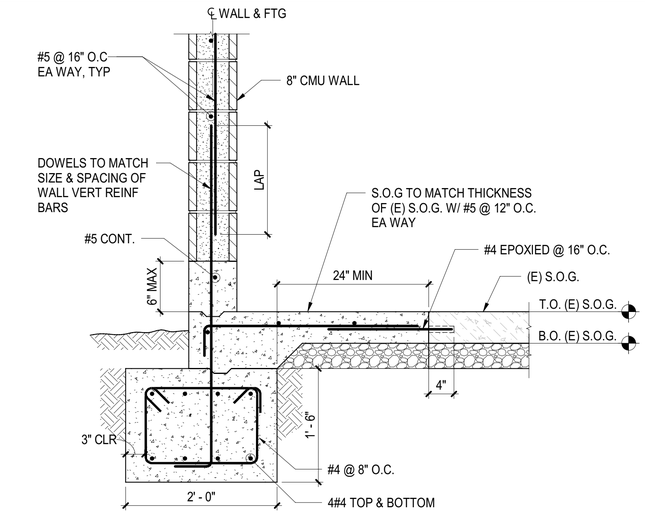
7 WALL & FOOTING INTERSECTION

1" = 1'-0"



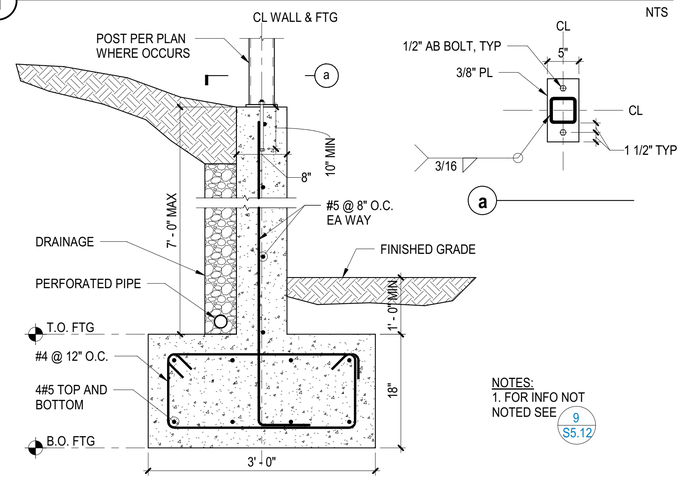
4 DETAIL AT WOOD SHEAR WALL

1" = 1'-0"



1 EXTERIOR CONTINUOUS FOOTING

NTS

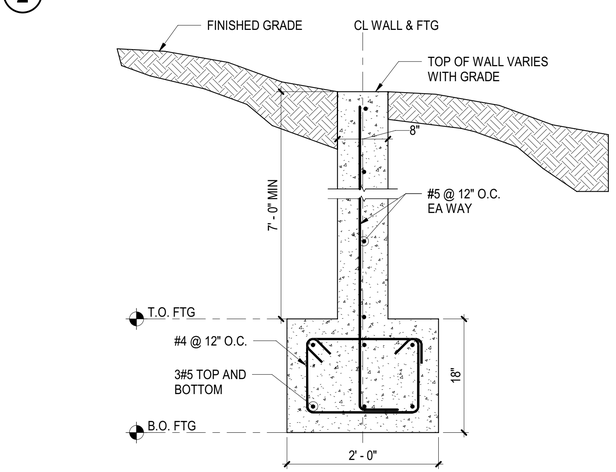


2 RETAINING WALL AT SOUTH DECK

1" = 1'-0"

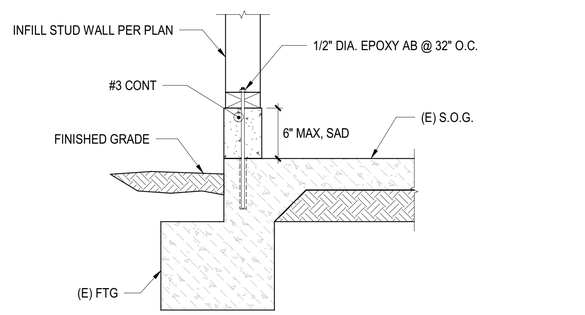
5 SECTION

1" = 1'-0"



3 RETURN WALL AT SOUTH DECK

1" = 1'-0"



8 FOOTING INTERSECTION

1" = 1'-0"

9 SECTION AT INFILL STUD WALL AND (E) FOOTING

1" = 1'-0"

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OWNER

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PROJECT

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REGISTERED PROFESSIONAL ENGINEER
GOKHAN AKALIN
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STRUCTURAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
FOUNDATION DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Codes
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE 1" = 1'-0"
JOB NO. 2533
SHEET NUMBER S5.13

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FASTENING SCHEDULE		
	NUMBER AND TYPE OF FASTENER	**SPACING AND LOCATION**
ROOF		
1. Blocking between ceiling joists, rafters or trusses to top plate or other framing below	3-8d common (2 1/2" × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss	2-8d common (2 1/2" × 0.131") 2-3" × 0.131" nails 2-3" 14 gage staples	Each end, toenail
	2-16 d common (3 1/2" × 0.162") 3-3" × 0.131" nails 3-3" 14 gage staples	End nail
Flat blocking to truss and web filler	16d common (3 1/2" × 0.162") @ 6" o.c. 3" × 0.131" nails @ 6" o.c. 3" × 14 gage staples @ 6" o.c	Face nail
2. Ceiling joists to top plate	3-8d common (2 1/2" × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each joist, toenail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thrust)	3-8d common (2 1/2" × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail
4. Collar tie to rafter	3-10d common (3" × 0.148"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
5. Rafter or roof truss to top plate	3-10 common (3" × 0.148"); or 3-16d box (3 1/2" × 0.135"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131 nails; or 4-3" 14 gage staples, 7/16" crown	Toenail[c]
7. Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3"14 gage staples, 7/16" crown; or	End nail
	3-10d common (3 1/2" × 0.148"); or 3-16d box (31/2" × 0.135"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail
WALL		
7. Stud to stud (not at braced wall panels)	16d common (3 1/2" × 0.162");	24" o.c. face nail
	10d box (3" × 0.128"); or 3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail
8. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)	16d common (3 1/2" × 0.162"); or	16" o.c. face nail
	16d box (31/2" × 0.135"); or	12" o.c. face nail
	3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	12" o.c. face nail
9. Built-up header (2" to 2" header)	16d common (3 1/2" × 0.162"); or	16" o.c. each edge, face nail
	16d box (3 1/2" × 0.135")	12" o.c. each edge, face nail
10. Continuous header to stud	4-8d common (2 1/2" × 0.131"); or 4-10d box (3" × 0.128")	Toenail
11. Top plate to top plate	16d common (3 1/2" × 0.162"); or	16" o.c. face nail
	10d box (3" × 0.128"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
12. Top plate to top plate, at end joints	8-16d common (3 1/2" × 0.162"); or 12-10d box (3" × 0.128"); or 12-3" × 0.131" nails; or 12-3" 14 gage staples, 7/16" crown	Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)
13. Bottom plate to joist, rim joist, band joist or block- ing (not at braced wall panels)	16d box (3 1/2" × 0.135"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
14. Bottom plate to joist, rim joist, band joist or block- ing at braced wall panels	2-16d common (3 1/2 " × 0.162"); or 3-16d box (31/2" × 0.135"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	16" o.c. face nail
15. Stud to top or bottom plate	4-8d common (2 1/2" × 0.131"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown; or	Toenail
	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	End nail
16. Top or bottom plate to stud	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	End nail
17. Top plates, laps at corners and intersections	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail
18. 1" brace to each stud and plate	2-8d common (2 1/2" × 0.131"); or 2-10d box (3" × 0.128"); or 2-3" × 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Face nail
19. 1" × 6" sheathing to each bearing	2-8d common (2 1/2" × 0.131"); or 2-10d box (3" × 0.128")	Face nail
20. 1" × 8" and wider sheathing to each bearing	3-8d common (2 1/2" × 0.131"); or 3-10d box (3" × 0.128")	Face nail
FLOOR		
21. Joist to sill, top plate, or girder	3-8d common (2 1/2" × 0.131"); or floor 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Toenail
22. Rim joist, band joist, or blocking to top plate, sill or other framing below	8d common (2 1/2" × 0.131"); or floor 10d box (3" × 0.128"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	6" o.c., toenail
23. 1" × 6" subfloor or less to each joist	2-8d common (2 1/2" × 0.131"); or 2-10d box (3" × 0.128")	Face nail
24. 2" subfloor to joist or girder	2-16d common (3 1/2" × 0.162")	Face nail
25. 2" planks (plank & beam – floor & roof)	2-16d common (3 1/2" × 0.162")	Each bearing, face nail
26. Built-up girders and beams, 2" lumber layers	20d common (4" × 0.192")	32" o.c., face nail at top and bot- tom staggered on opposite sides
	10d box (3" × 0.128"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	24" o.c. face nail at top and bot- tom staggered on opposite sides
	And: 2-20d common (4" × 0.192"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Ends and at each splice, face nail
27. Ledger strip supporting joists or rafters	3-16d common (3 1/2" × 0.162"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Each joist or rafter, face nail
28. Joist to band joist or rim joist	3-16d common (3 1/2" × 0.162"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail
29. Bridging or blocking to joist, rafter or truss	2-8d common (2 1/2" × 0.131"); or 2-10d box (3" × 0.128"); or 2-3" × 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Each end, toenail
Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing		
		Edges (inches) / **Intermediate supports (inches)**
30. 3/8" – 1/2"	6d common or deformed (2" × 0.113") (subfloor and wall)	6 / 12
	8d box or deformed (2 1/2" × 0.113") (roof)	6 / 12
	2 3/8" × 0.113" nail (subfloor and wall)	6 / 12
	1 3/4" 16 gage staple, 7/16" crown (subfloor and wall)	4 / 8
	2 3/8" × 0.113" nail (roof)	4 / 8
	1 3/4" 16 gage staple, 7/16" crown (roof)	3 / 6
31. 19/32" – 3/4"	8d common (2 1/2" × 0.131"); or 6d deformed (2" × 0.113")	6 / 12
	2 3/8" × 0.113" nail; or 2" 16 gage staple, 7/16" crown	4 / 8
32. 7/8" – 11/4"	10d common (3" × 0.148"); or 8d deformed (2 1/2" × 0.131")	6 / 12
Other exterior wall sheathing		
33. 1/2" fiberboard sheathingg	1 1/2" galvanized roofing nail (7/16" head diameter); or 1 1/4" 16 gage staple with 7/16" or 1" crown	3 / 6
34. 25/32" fiberboard sheathingg	1 3/4" galvanized roofing nail (7/16" diameter head); or 1 1/2" 16 gage staple with 7/16" or 1" crown	3 / 6
Wood structural panels, combination subfloor underlayment to framing		
35. 3/4" and less	8d common (2 1/2" × 0.131"); or 6d deformed (2" × 0.113")	6 / 12
36. 7/8" – 1"	8d common (2 1/2" × 0.131"); or 8d deformed (2 1/2" × 0.131")	6 / 12
37. 11/8" – 11/4"	10d common (3" × 0.148"); or 8d deformed (2 1/2" × 0.131")	6 / 12
Panel siding to framing		
38. 1/2" or less	6d corrosion-resistant siding (1 7/8" × 0.106"); or 6d corrosion-resistant casing (2" × 0.099")	6 / 12
39. 5/8"	8d corrosion-resistant siding (2 3/8" × 0.128"); or 8d corrosion-resistant casing (2 1/2 " × 0.113")	6 / 12
Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing [a]		
		Edges (inches) / **Intermediate supports (inches)**
40. 1/4 "	4d casing (1 1/2" × 0.080"); or 4d finish (1 1/2" × 0.072")	6 / 12
41. 3/8 "	6d casing (2" × 0.099"); or 6d finish (Panel supports at 24 inches)	6 / 12

For SI: 1 inch = 25.4 mm.

a. Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. Nails for wall sheathing are permitted to be common, box or casing.
b. Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications. Panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked).
c. 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.

9 **NAILING SCHEDULE**

NTS

2/26/2026 1:47:28 PM

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
GOKHAN AKALAN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

BID SET

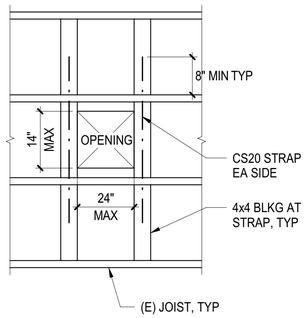
SHEET TITLE
NAILING SCHEDULE

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature
Date 03/17/26

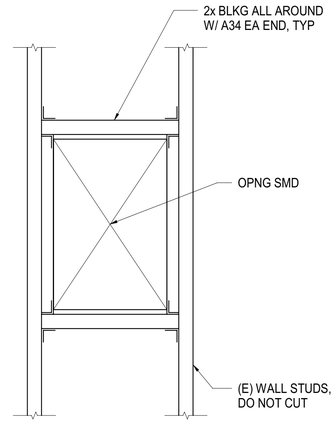
DATE 03/06/2026
SCALE 1/2" = 1'-0"
JOB NO. 24.33
SHEET NUMBER
S8.00



NOTE: DO NOT CUT (E) JOISTS

10 SMALL OPENING IN DIAPHRAGM

NTS

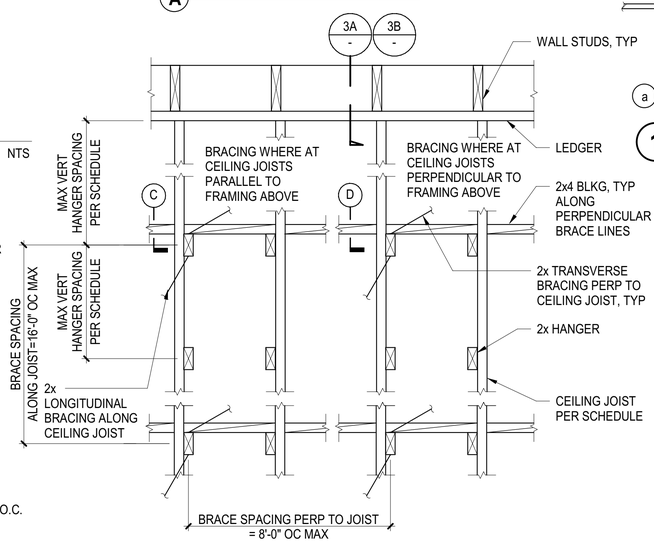


7 SMALL OPNG IN (E) WALL

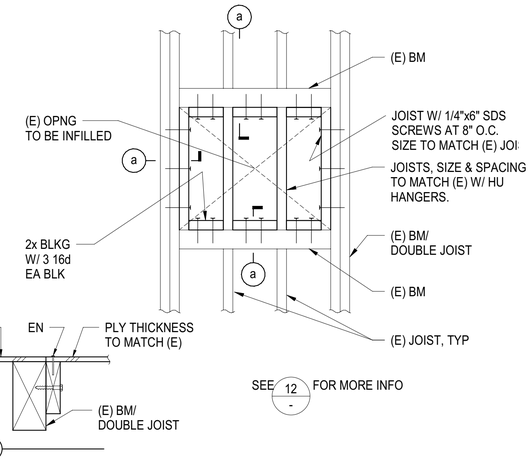
NTS

MAX. CEILING JOIST SPAN / VERT HANGER SPACING	JOIST SIZE AND SPACING
8'-0"	2x4 @ 24" OC, MAX
12'-0"	2x6 @ 16" OC, MAX

A CEILING JOIST SCHEDULE

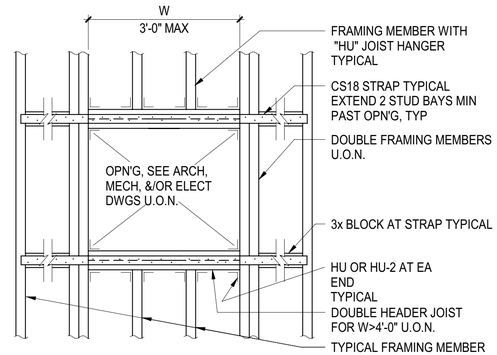


B CEILING JOIST FRAMING PLAN



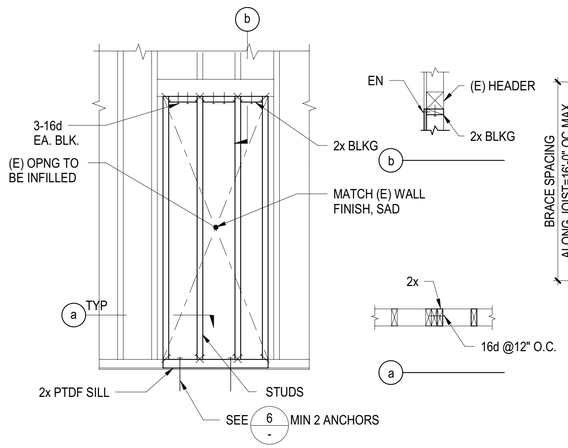
1 INFILL OF (E) DIAPHRAGM OPENING

NTS

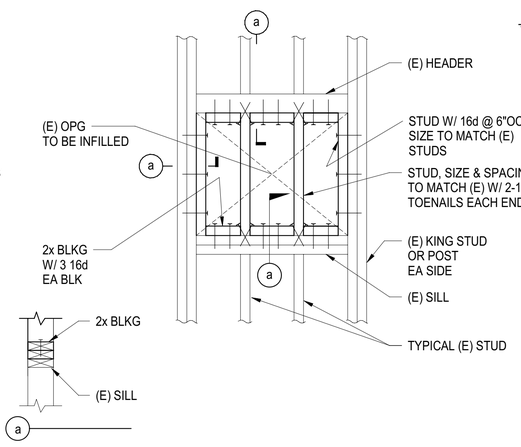


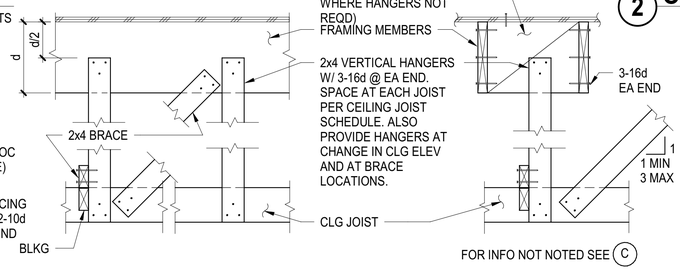
NOTE:

1. INSTALL METAL STRAPS OVER PLYWOOD SHEATHING.



8 IN-FILL OF (E) OPENINGS IN WALLS





C SUSPENDED CEILING

JOIST PARALLEL TO FRAMING MEMBER

D SUSPENDED CEILING

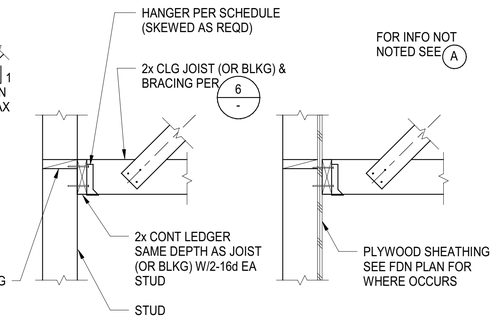
JOIST PERPENDICULAR TO FRAMING MEMBER

NOTES:

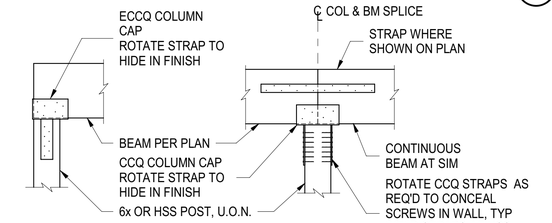
1. FOR TYPICAL OPENINGS IN FRAMING SEE DETAIL
2. MEMBER SIZES BASED ON DEAD LOAD = 6 PSF AND LIVE LOAD = 10 PSF. CONTRACTOR SHALL NOTIFY STRUCTURAL ENGINEER IF DESIGN LOADS ARE EXCEEDED.
3. NOTIFY STRUCTURAL ENGINEER IF CEILING JOIST IS PERPENDICULAR TO FRAMING MEMBER.
4. SEE ARCHITECTURAL DRAWINGS FOR CEILING LOCATIONS.

2 OPENING IN DIAPHRAGM

NTS

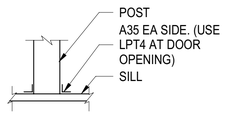


NOTE:
SEE ARCH DWGS FOR LOCATION OF CEILING

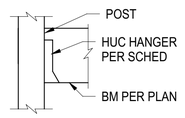


a POST CAP AT END OF BEAM

b POST CAP



c POST BASE



d BM TO POST CONN

12 BEAM AND POST CONNECTION

NTS

9 INFILL OF (E) OPENING IN WALLS AT INTERIOR NON- BEARING WALLS

NTS

6 CEILING JOIST FRAMING SCHEDULE

NTS

3 CEILING JOIST CONNECTION AT WALL

NTS

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MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
GOKHAN A KALAN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
WOOD DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
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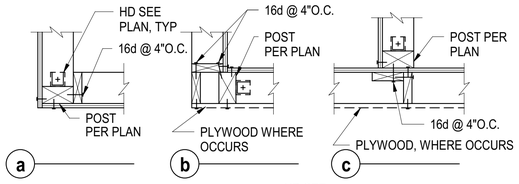
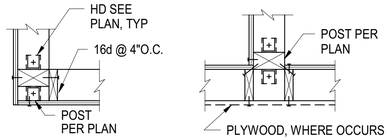
DATE 03/06/2026
SCALE As indicated
JOB NO. 24.33
SHEET NUMBER
S8.10

2/26/2026 1:47:29 PM



NOTE: ALL NAILING SHOWN TO BE PLYWOOD SHEAR WALL E.N., U.O.N.

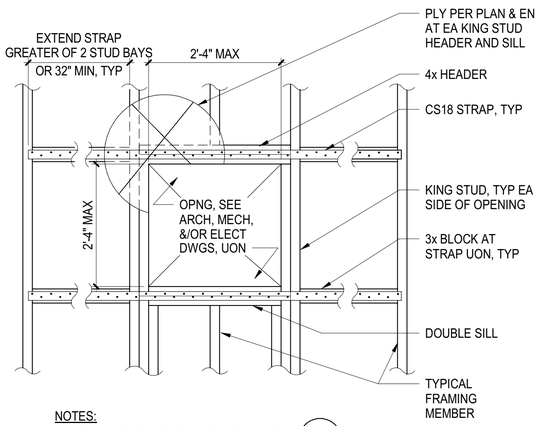


AT DOUBLE HD

DOUBLE HD

11 SHEARWALL INTERSECTIONS

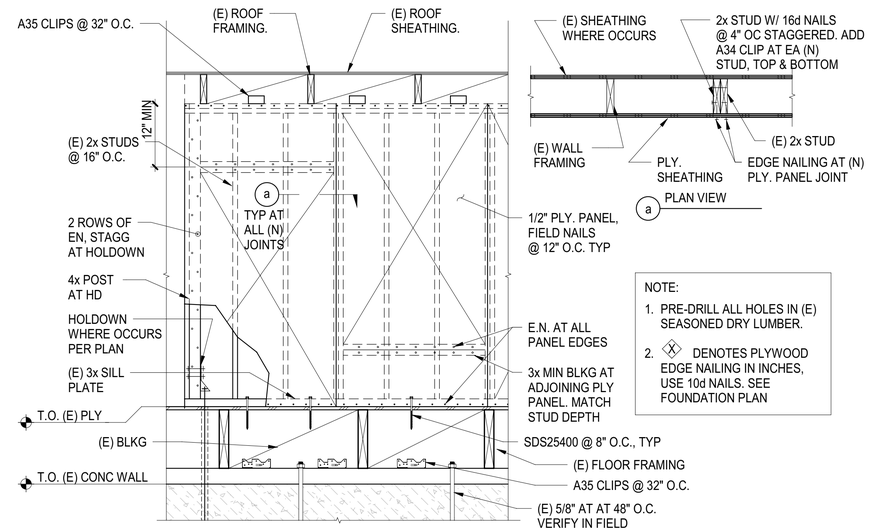
NTS



NOTES:
1. FOR INFO NOT SHOWN OR NOTED, SEE 1/-
2. NOTIFY "SEOR" FOR PERMISSION
3. FOR OPENING OF 8"x8" OR LESS IN BETWEEN WALL STUDS, BLOCKING AND STRAPS ARE NOT REQUIRED

12 SMALL OPENING IN SHEARWALL

NTS



NOTE:
1. PRE-DRILL ALL HOLES IN (E) SEASONED DRY LUMBER.
2. X DENOTES PLYWOOD EDGE NAILING IN INCHES, USE 10d NAILS. SEE FOUNDATION PLAN

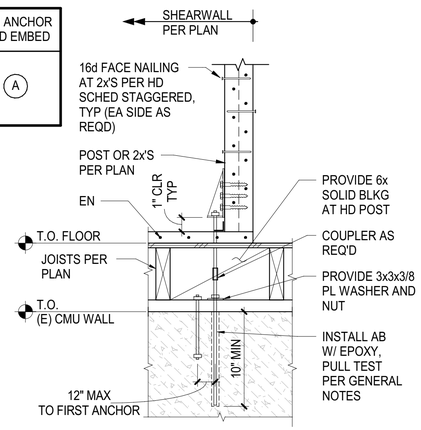
1 (E) SHEAR WALL WITH (N) PLYWOOD SHEATHING

NTS

HOLDOWN (1)(2)(3)	POST SIZE UON	MIN ANCHOR ROD DIA	MIN ANCHOR ROD EMBED
HDU2-SD2.5	2-2x SW	5/8"	A
HDU4-SD2.5	2-2x SW	5/8"	
HDU5-SD2.5	3-2x SW	5/8"	
HDU8-SD2.5	3-2x SW	7/8"	

SW = STUD WIDTH

NOTE:
1. SEE PLAN FOR SIZES & LOCATIONS OF HOLDOWNS.
2. FOLLOW ALL MANUFACTURER'S GUIDELINES NECESSARY TO ACHIEVE FULL ICC DESIGN VALUES.
3. AT MULTIPLE 2x HOLDOWN POST CONDITION, INTERNAIL STUDS W/ STAGGERED 16d @ 6" OC, UON.
4. FOR DOUBLE HOLDOWN POST AT CORNER WALL PROVIDE A SOLID SAWN POST IN LIEU OF MULTIPLE 2x POST.
5. PULL TEST ALL ANCHOR BOLTS FOR HD IN FIELD. MINIMUM TESTING FORCE OF 6,000 LBS.



A SINGLE HD AT END OF WALL OR AT DOOR OPNG

3 SHEAR WALL HOLDOWNS INTO FOUNDATION

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OWNER

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MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER GOKHAN AKALAN NO. 5594 STRUCTURAL STATE OF CALIFORNIA

BID SET

SHEET TITLE

TYPICAL SHEAR WALL DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	As indicated
JOB NO.	23.33

SHEET NUMBER

S8.20

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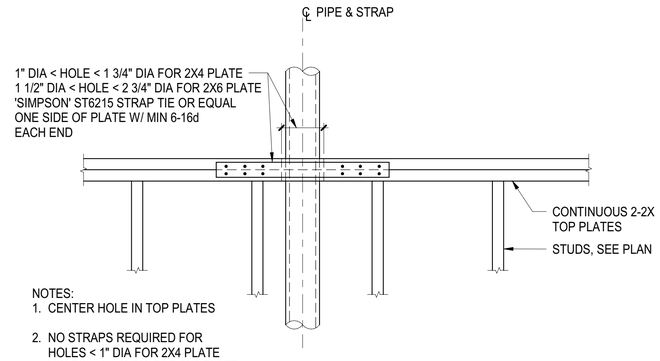
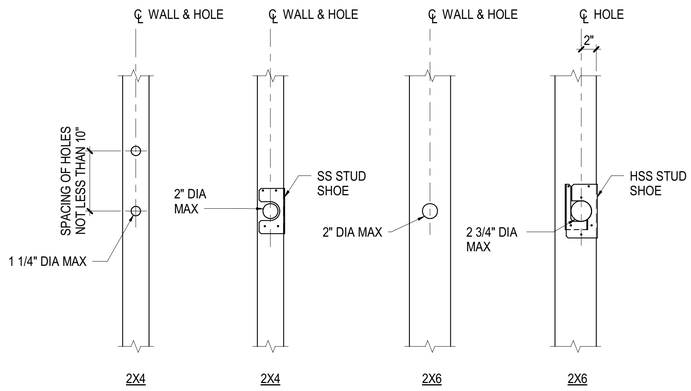
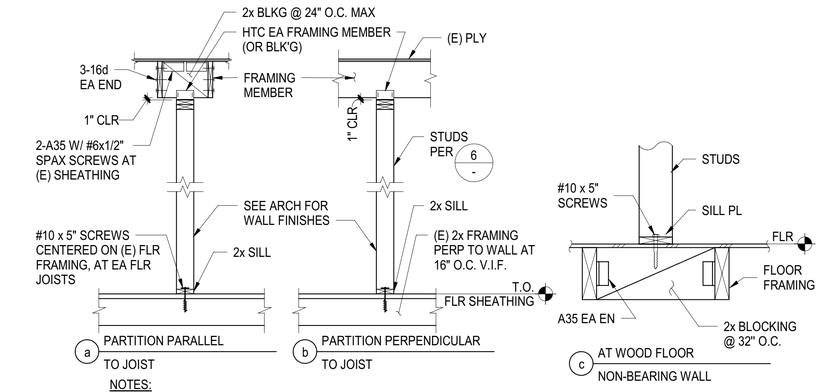


NOTES:
1. CENTER HOLE IN TOP PLATES
2. NO STRAPS REQUIRED FOR HOLES < 1" DIA FOR 2X4 PLATE HOLES < 1 1/2" DIA FOR 2X6 PLATE
3. INSTALL METAL STRAPS OVER PLYWOOD SHEATHING.

7 TOP PLATE PENETRATIONS

NTS

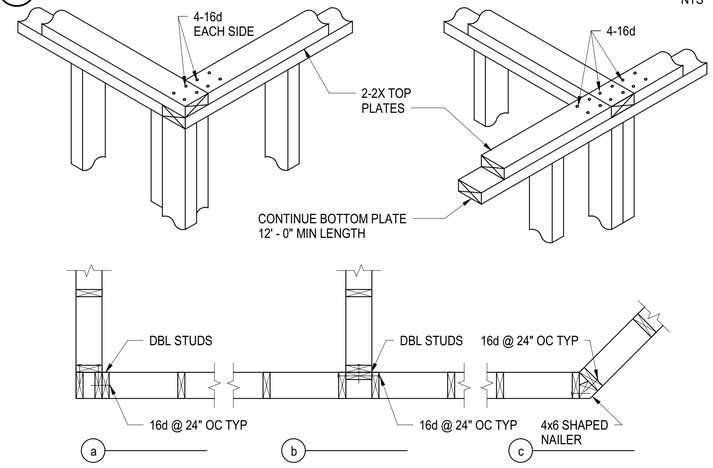




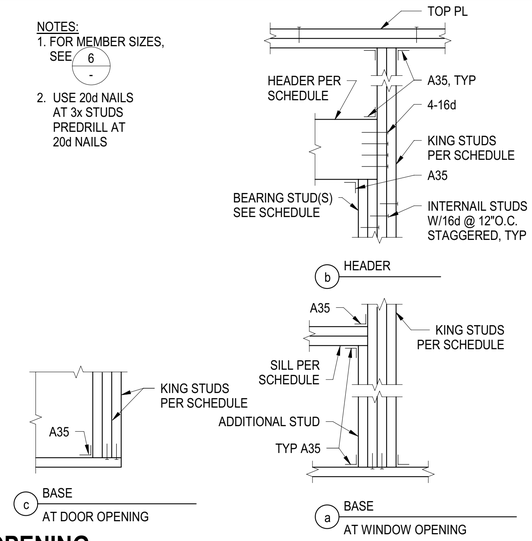
NOTES:
1. SEE DETAIL 5 ON THIS SHEET FOR TYPICAL WALL FRAMING.
2. FOR PARTITION WALL INTERSECTION DETAILS & STUD CONFIGURATIONS SEE 5

4 NON-BEARING WALL PARTITION

NTS

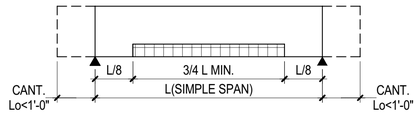


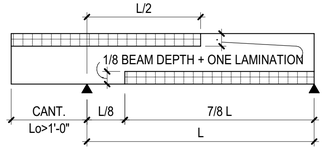
NOTES:
1. FOR MEMBER SIZES, SEE 6
2. USE 20d NAILS AT 3x STUDS PREDRILL AT 20d NAILS



1 WALL OPENING

NTS



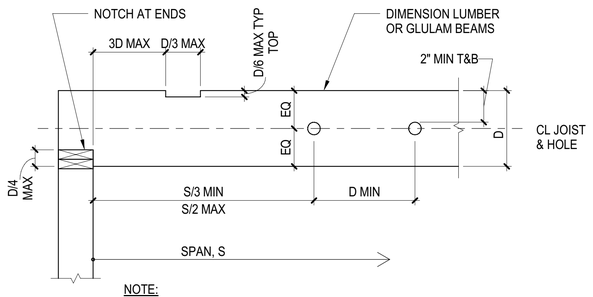


BEAM WITH ONE END CANTILEVERED

CROSS HATCHED AREA = PORTION OF BEAM WHERE THERE SHALL BE 6" MIN END JOINT SPACING IN ADJACENT LAMINATIONS.

8 PENETRATIONS IN STUDS

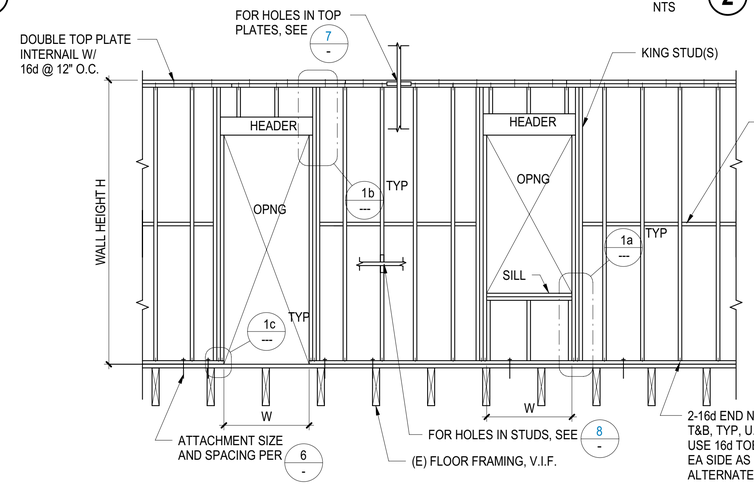
NTS



NOTE:
1. D IS DEFINED AS DEPTH OF JOIST OR BEAM. S IS DEFINED AS CLEAR SPAN OF JOIST BEAM.
2. MAXIMUM DIAMETER OF HOLE NOT TO EXCEED MINIMUM OF D/3 OR 2", WHICHEVER IS SMALLER.
3. PREDRILL CORNERS OF NOTCHES.
4. NO NOTCHES PERMITTED IN MIDDLE THIRD OF SPAN.

5 WALL INTERSECTIONS

NTS



NON-BEARING WALL STUD SCHEDULE		
WALL HEIGHT	STUD SIZE	SPACING
H < 13'-0"	2x6	16"

b

NON-BEARING WALL SCHEDULE AT OPENINGS				
OPENING WIDTH	KING STUD(S)	HEADER DEPTH	BEARING STUD(S)	SILL
W< 4'-6"	2x	4x	1-2x	2-2x
W>= 4'-6"	2-2x	PER PLAN	2-2x	2-2x

a

NOTE:
STUD, SILL, AND HEADER WIDTHS TO MATCH WALL FRAMING SIZE.

2 GLULAM LAMINATION SPLICE CRITERIA

NTS

9 HOLES AND NOTCHES IN BEAMS

NTS

6 TYPICAL NON-BEARING WALL FRAMING

NTS

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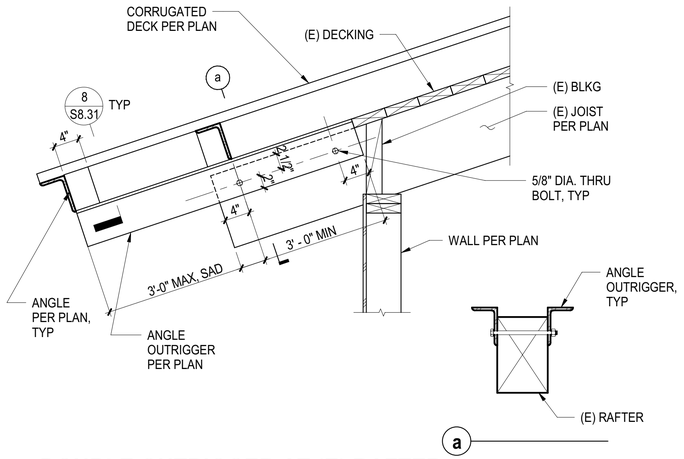
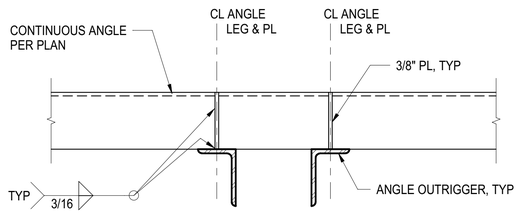
S8.30

2/26/2026 1:47:30 PM



7 DOUBLE OUTRIGGER AT (E) RAFTER

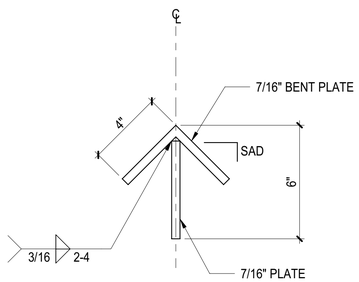
1" = 1'-0"



NOTES:
1. FOR INFO NOT NOTED SEE 7 S8.31

8 ANGLE TO ANGLE CONNECTION

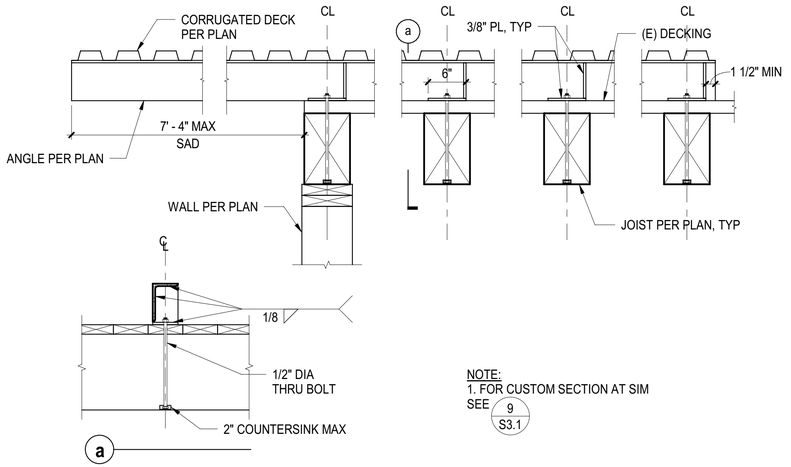
1 1/2" = 1'-0"



NOTES:
1.- SAD FOR INFO NOTED.

9 CUSTOM SECTION AT RIDGE

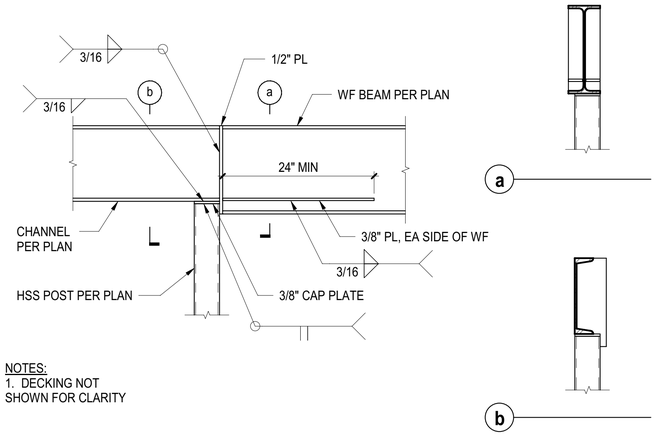
3" = 1'-0"



NOTE:
1. FOR CUSTOM SECTION AT SIM SEE 9 S3.1

4 DETAIL AT ROOF OUTRIGGER

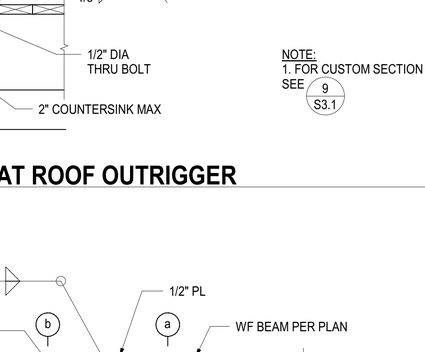
1" = 1'-0"



NOTES:
1. DECKING NOT SHOWN FOR CLARITY

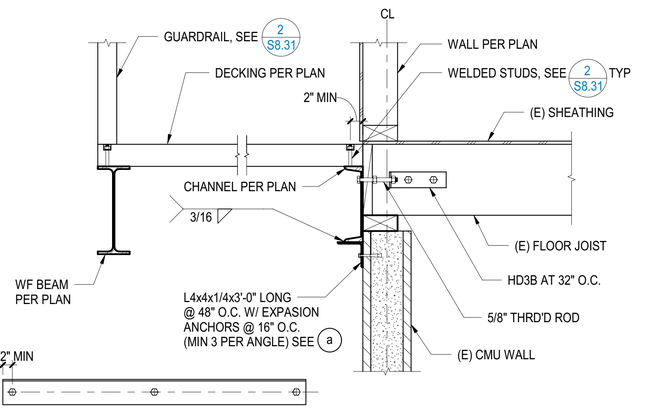
5 DETAIL AT SECTION TRANSITION

1" = 1'-0"



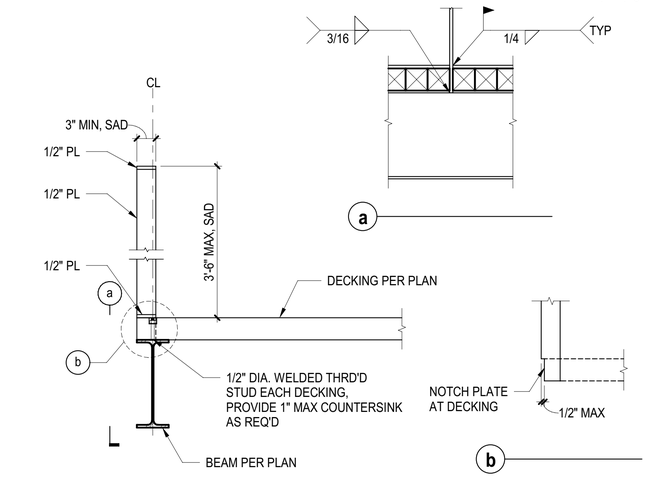
6 DECK EDGE DETAIL

1" = 1'-0"



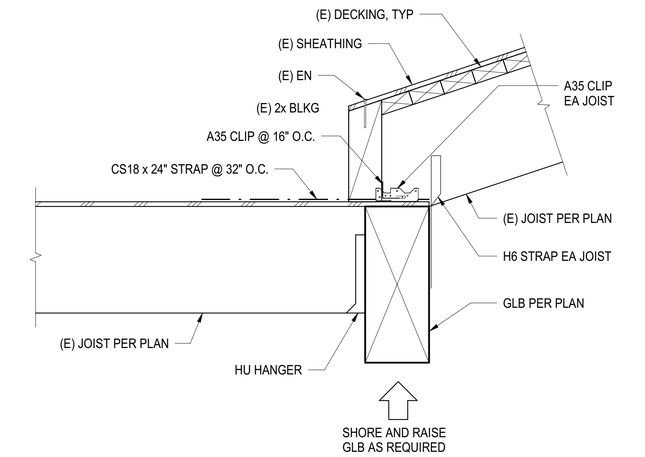
1 SECTION AT SOUTH DECK

1" = 1'-0"



2 TYPICAL DETAIL AT GUARDRAIL AT DECK

1" = 1'-0"



3 DETAIL AT GLB BEAM

1" = 1'-0"

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

17860 MONTEREY HIGHWAY
MORGAN HILL, CA 95037

REGISTERED PROFESSIONAL ENGINEER
G.OKHAN AKALEN
NO. 5594
STRUCTURAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
FRAMING DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
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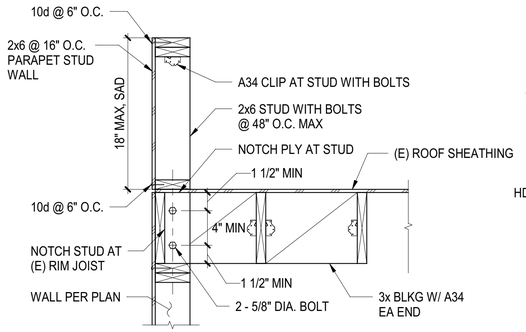
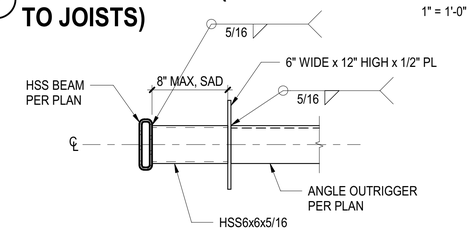
DATE	03/06/2026
SCALE	As indicated
JOB NO.	S8.33
SHEET NUMBER	S8.31

2/26/2026 1:47:31 PM

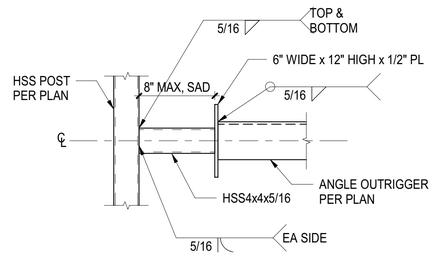


7 PARAPET DETAIL (PERPENDICULAR TO JOISTS)

1" = 1'-0"



a AT HSS BEAM

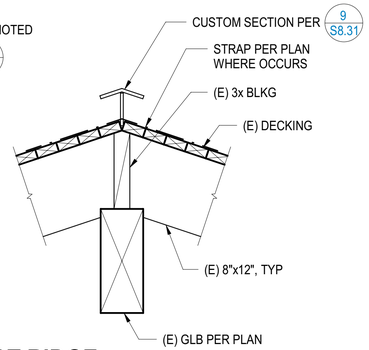


b AT HSS POST

8 OUTRIGGER CONNECTION DETAIL

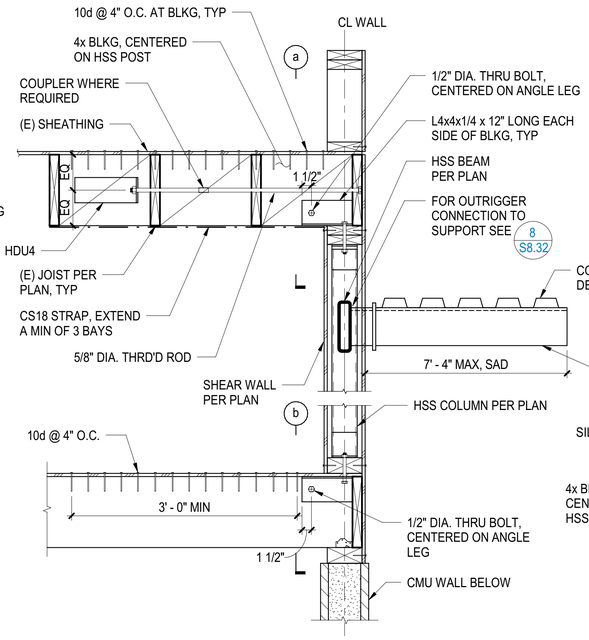
1" = 1'-0"

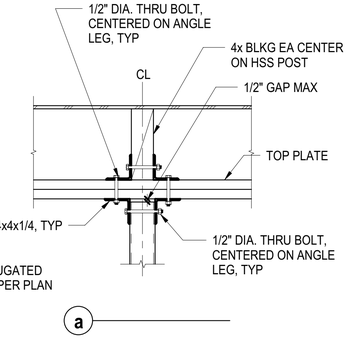
NOTES:
1. FOR INFO NOT NOTED SEE 4 S8.31 9 S8.31

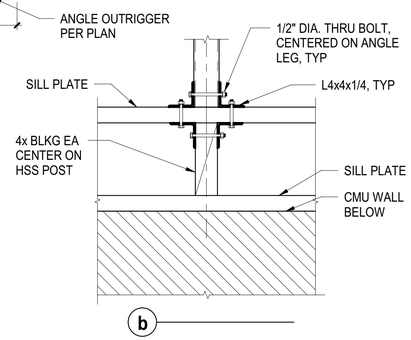


9 DETAIL AT RIDGE

1" = 1'-0"

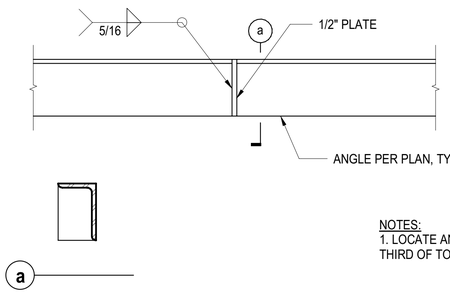






4 OUTRIGGER DETAIL AT HSS COLUMN

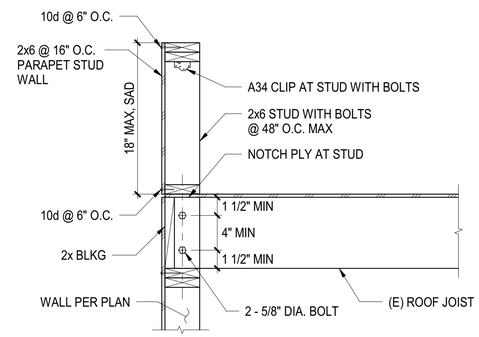
NTS



NOTES:
1. LOCATE ANGLE SPLICE AT MIDDLE THIRD OF TOTAL ANGLE LENGTH.

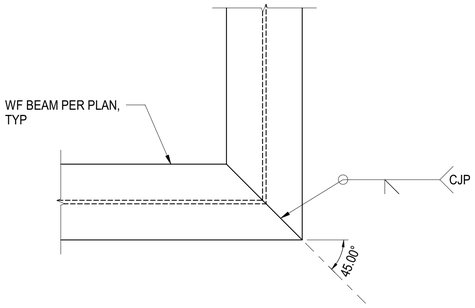
5 ANGLE SPLICE DETAIL

1" = 1'-0"



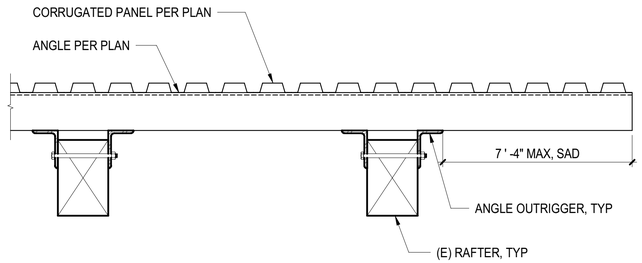
6 PARAPET DETAIL (PARALLEL TO JOISTS)

1" = 1'-0"



1 TYPICAL WF BEAM CORNER CONNECTION

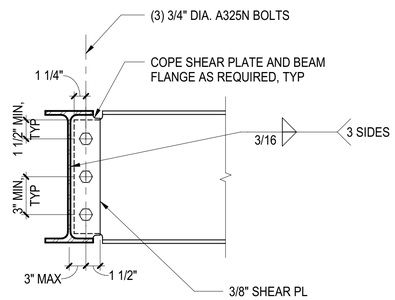
NTS



NOTES:
1. FOR INFO NOT NOTED SEE 7 S8.31 8 S8.31

2 DETAIL AT ROOF CORNER CONDITION

NTS



3 WF BEAM TO BEAM CONNECTION

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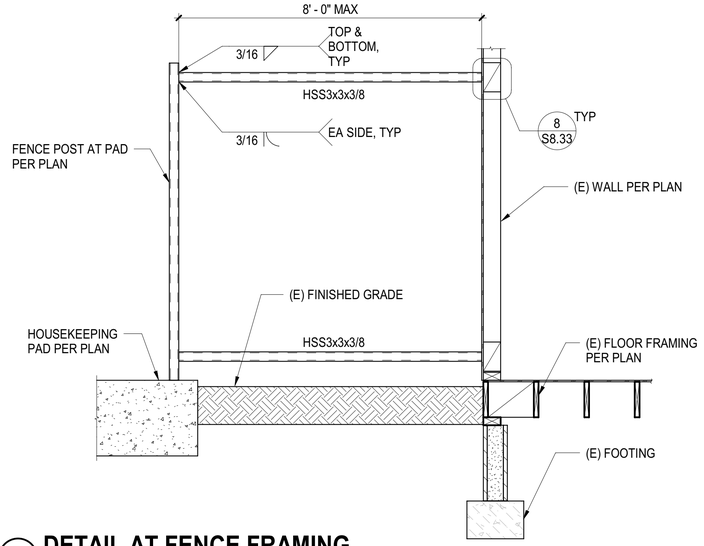
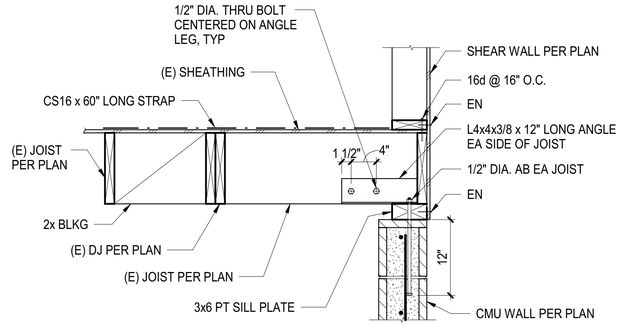


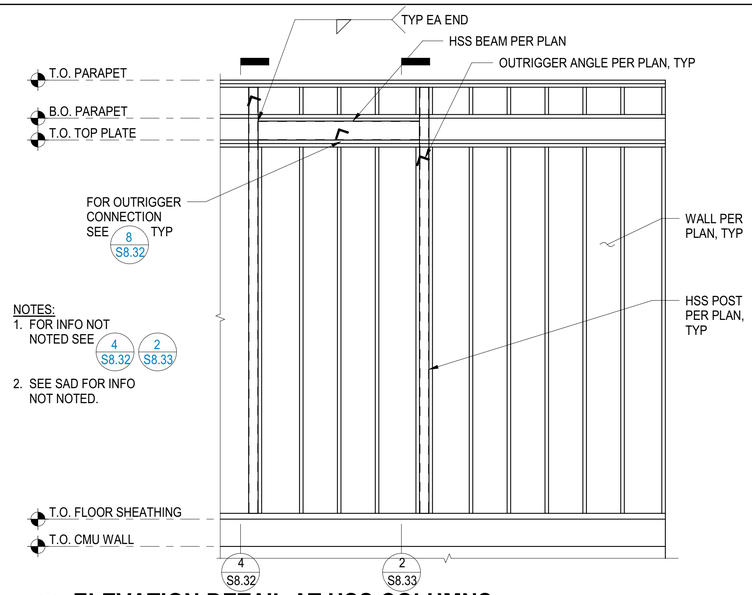
7 DETAIL AT FENCE FRAMING

1/2" = 1'-0"



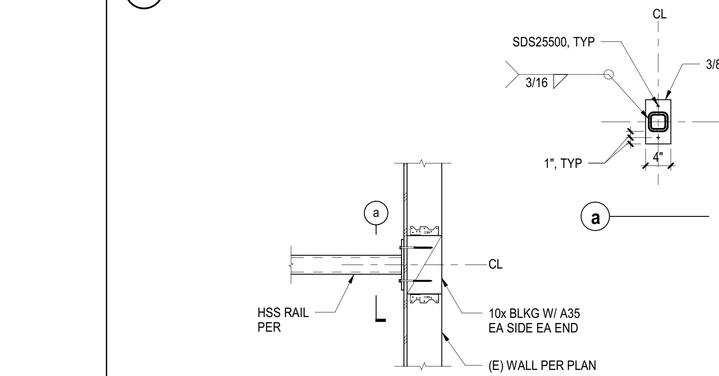
3 SECTION AT SHEAR WALL OVER CMU WALL

1" = 1'-0"



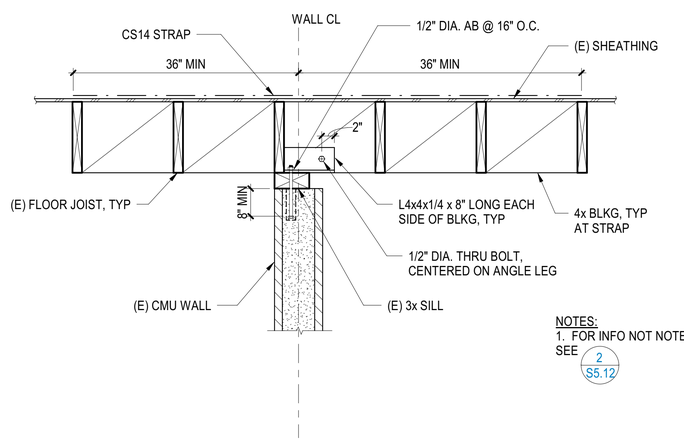
1 ELEVATION DETAIL AT HSS COLUMNS

NTS



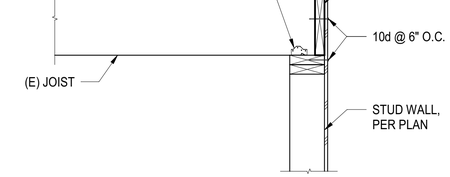
8 FENCE HSS RAIL CONNECTION TO (E) WALL

1" = 1'-0"



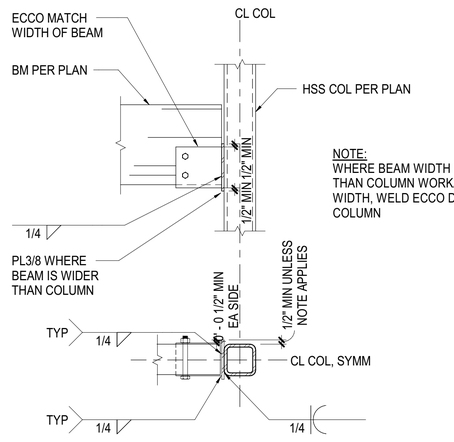
9 DETAIL AT TOP OF (E) CMU WALL

1" = 1'-0"



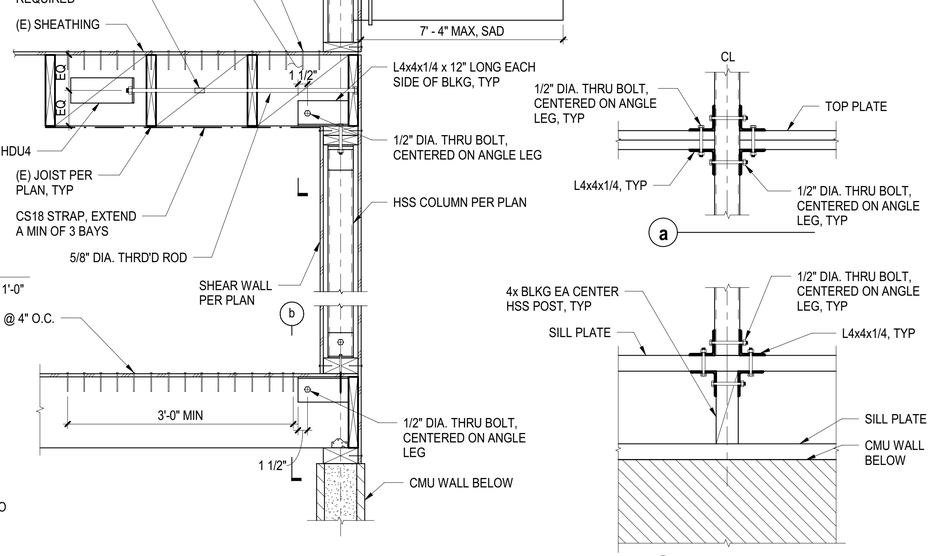
4 SECTION AT FLOOR

1" = 1'-0"



5 BEAM TO HSS COLUMN CONNECTION

NTS



2 OUTRIGGER DETAIL AT HSS COLUMN

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REGISTERED PROFESSIONAL ENGINEER GÖKHAN AKALIN NO. 5594 STRUCTURAL STATE OF CALIFORNIA

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ABBREVIATIONS

AC	AIR CONDITIONING
AC	ALTERNATING CURRENT
ACH	AIR CHANGES PER HOUR
ACM	ASBESTOS CONTAINING MATERIAL
AEE	ASSOCIATION OF ENERGY ENGINEERS
AFD	ADJUSTABLE FREQUENCY DRIVE
AFUE	ANNUAL FUEL EFFICIENCY RATIO
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AO	ANALOG OUTPUT
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS
B	BOILER
BACNET	A DATA COMMUNICATION PROTOCOL FOR BUILDING AUTOMATION AND CONTROL NETWORKS
BAS	BUILDING AUTOMATION SYSTEM
BCA	BUILDING COMMISSIONING ASSOCIATION
BI	BACKWARD INCLINE
BI	BINARY INPUT
BO	BINARY OUTPUT
BSLN	BASELINE
BTU	BRITISH THERMAL UNIT
BTUH	BRTISH THERMAL UNITS / HOUR
BY	BASE YEAR
CAV	CONSTANT AIR VOLUME
CD	COLD DECK
CDD	COOLING DEGREE DAYS
CEM	CERTIFIED ENERGY MANAGER
CFC	CHLOROFLUOROCARBON
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHW	CHILLED WATER
CHWP	CHILLED WATER PUMP
CHWR	CHILLED WATER RETURN
CHWRT	CHILLED WATER RETURN TEMPERATURE
CHWS	CHILLED WATER SUPPLY
CHWST	CHILLED WATER SUPPLY TEMPERATURE
CLF	COOLING LOAD FACTOR
CLTD	COOLING LOAD TEMPERATURE DIFFERENCE
COP	COEFFICIENT OF PERFORMANCE
CRAC	COMPUTER ROOM AIR CONDITIONER
CT	COOLING TOWER
CV	CONSTANT VOLUME
CVRMSE	COEFFICIENT OF VARIATION OF THE ROOT MEAN SQUARE OF THE ERROR
CWP	CONDENSER WATER PUMP
CWR	CONDENSER WATER RETURN
CWRT	CONDENSER WATER RETURN TEMPERATURE
CWS	CONDENSER WATER SUPPLY
CWST	CONDENSER WATER SUPPLY TEMPERATURE
CY	CURRENT YEAR
DA	DISCHARGE AIR
DB	DATA BASE
DB	DRY BULB
DC	DIRECT CURRENT
DCV	DEMAND CONTROLLED VENTILATION
DD	DEGREE DAY
DDC	DIRECT DIGITAL CONTROL
DH	DUCT HEATER
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DP	DEW POINT
DP	DIFFERENTIAL PRESSURE
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
ECM	ELECTRONICALLY COMMUTATED MOTOR
ECM	ENERGY CONSERVATION MEASURE
ECO	ENERGY CONSERVATION OPPORTUNITY
EDH	ELECTRIC DUCT HEATER
EEM	ENERGY EFFICIENCY MEASURE
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EH	ELECTRIC HEATER
EMS	ENERGY MANAGEMENT SYSTEM
ESCO	ENERGY SERVICE COMPANY
EUH	ELECTRIC UNIT HEATER
EWT	ENTERING WATER TEMPERATURE
FC	FORWARD CURVE
FCU	FAN COIL UNIT
FIM	FACILITY IMPROVEMENT MEASURE
FLA	FULL LOAD AMPS
FMS	FACILITY MANAGEMENT SYSTEM
FPM	FEET PER MINUTE
FW	FEED WATER
GPM	GALLONS PER MINUTE
GUI	GRAPHICAL USER INTERFACE
HCFC	HYDROCHLOROCFUOROCARBON
HD	HOT DECK
HDD	HEATING DEGREE DAYS
HEPA	HIGH EFFICIENCY PARTICULATE ARRESTING
HFC	HYDROFLUOROCARBON
HHV	HIGHER HEATING VALUE
HHWP	HEATING HOT WATER PUMP
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HL	HIGH LIMIT
HPS	HIGH PRESSURE STEAM
HR	HEAT RECOVERY
HRU	HEAT RECOVERY UNIT
HRV	HEAT RECOVERY VENTILATOR
HSPF	HEATING SEASONAL PERFORMANCE FACTOR
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HWP	HOT WATER PUMP
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HWRT	HOT WATER RETURN TEMPERATURE
HWST	HOT WATER SUPPLY TEMPERATURE
HX	HEAT EXCHANGER
I/O	INPUT OUTPUT
IAQ	INDOOR AIR QUALITY
IPMVP	INTERNATIONAL PERFORMANCE MEASUREMENT AND VERIFICATION PROTOCOL
IR	INFRA-RED
LAT	LEAVING AIR TEMPERATURE
LHV	LOWER HEATING VALUE
LL	LOW LIMIT
LON	LOCAL OPERATING NETWORK
LP	LOW PRESSURE
LPS	LOW PRESSURE STEAM
LRA	LOCKED ROTOR AMPS
LWBT	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
M&V	MEASUREMENT AND VERIFICATION
MA	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MCC	MOTOR CONTROL CENTER
MUA	MAKE-UP AIR UNIT
MX	METRIX UTILITY ACCOUNTING SYSTEM
MZ	MULTI-ZONE
NC	NORMALLY CLOSED
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
OA	OUTSIDE AIR
OAP	OUTSIDE AIR PERCENTAGE
OAT	OUTSIDE AIR TEMPERATURE
ODP	OPEN DRIP PROOF
OWS	OPERATOR WORK STATION
PC	PERFORMANCE CONTRACTING
PE	PROFESSIONAL ENGINEER
PH	PRE-HEAT
PID	PROPORTIONAL INTEGRAL DERIVATIVE
PRV	PRESSURE RELIEF VALVE
PRV	PRESSURE REDUCING VALVE
PTAC	PACKAGED TERMINAL AIR CONDITIONER
RA	RETURN AIR
RF	RETURN FAN
RH	REHEAT
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
RTD	RESISTANCE TEMPERATURE DETECTOR
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
SC	SHADING COEFFICIENT
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY FAN
SHFG	SOLAR HEAT GAIN FACTOR
SHR	SENSIBLE HEAT RATIO
SP	SET POINT
SP	STATIC PRESSURE
SWP	STEAM WORKING PRESSURE
T	TEMPERATURE
T	THERMOSTAT
TEV	THERMOSTATIC EXPANSION VALVE
TOD	TIME OF DAY
TORR	MILLIMETER OF MERCURY (MMHG)
TXV	THERMOSTATIC EXPANSION VALVE
UH	UNIT HEATER
UV	ULTRAVIOLET
UV	UNIT VENTILATOR
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VSD	VARIABLE SPEED DRIVE
VSP	VARIABLE SPEED PUMP(ING)
WB	WET BULB
WC	WATER COLUMN
YTD	YEAR TO DATE

HVAC LEGEND AND SYMBOLS

SYMBOL	DESCRIPTION
FC	FLEXIBLE CONNECTION
	FLEXIBLE DUCT RUNOUT TO DIFFUSER
12x6	DUCT SIZE (WIDTH X DEPTH)
VD	VOLUME DAMPER
STD	SPLITTER DAMPER
ED	EXTRACTOR DAMPER
DSD	DUCT SMOKE DETECTOR
	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	EXHAUST DUCT UP
	EXHAUST DUCT DOWN
	RETURN DUCT UP
	RETURN DUCT DOWN
	CROSS SECTION OF ROUND DUCT
	DUCT ELBOW WITH TURNING VANES
	DUCT ELBOW WITHOUT TURNING VANES

SYMBOL	DESCRIPTION
	TRANSITION
	FLARED TAKEOFF (RECTANGULAR DUCT)
	SPIN-IN FITTING W/VD (ROUND BRANCH TAKEOFF FROM RECTANGULAR MAIN)
	45° LATERAL TAKEOFF (ROUND/OVAL DUCT) COULD BE ANY ANGLE
	VARIABLE ANGLE CONICAL TAKEOFF 90° TAKEOFF W/BOOT FITTING (ROUND DUCT)
	END CAP
	RECTANGULAR MITERED ELBOW WITH TURNING VANES
16 X 16 (2"L)	ACOUSTICAL LINING, DUCT DIMENSION IS SHEET METAL O.D.
12 X 12 (2"INS)	EXTERIOR INSULATION, DUCT DIMENSION IS SHEET METAL O.D.
8'-11" BD	INDICATES 8'11" TO BOTTOM OF DUCT
AX-Y	CEILING SUPPLY DIFFUSER
AX-Y	CEILING RETURN GRILLE
AX-Y	CEILING EXHAUST GRILLE
AX-Y	WALL SUPPLY GRILLE OR WALL REGISTER
AX-Y	WALL RETURN REGISTER

SYMBOL	DESCRIPTION
T	AIR TEMP SENSOR
C02	CO2 SENSOR
OCC	OCCUPANCY SENSOR
TS	SLAB TEMP SENSOR
WS	WEATHER STATION
FS	FLOW SWITCH
AF	AIRFLOW MONITORING STATION
DSD	DUCT SMOKE DETECTOR
T	THERMOSTAT / TEMP GAUGE
P	PRESSURE GAUGE
CF	CEILING FAN SPEED CONTROLLER
WA	WINDOW ACTUATOR OVERRIDE
WA-CP	WINDOW ACTUATOR CONTROL PANEL

GENERAL NOTES

ARCHITECTURAL

1. DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING DIFFUSERS, ETC.
2. LIGHT FIXTURE LOCATIONS TAKE PRECEDENCE OVER DIFFUSER AND GRILLE LOCATIONS. LOCATE DIFFUSERS AND GRILLES TO ACCOMODATE LIGHTING LAYOUT.
3. REFER TO ARCHITECTURAL FLOOR PLANS FOR LOCATION AND RATING OF ALL FIRE WALLS.

GENERAL

1. THE HVAC CONTRACTOR SHALL VISIT THE JOB SITE AND BE FAMILIAR WITH ALL PROJECT CONDITIONS PRIOR TO FABRICATING DUCTWORK, EQUIPMENT, ETC. NO ALLOWANCES WILL BE MADE FOR CONTRACTOR'S UNFAMILIARITY WITH PROJECT CONDITIONS.
2. PIPING AND DUCTWORK ROUTING SHOWN IS SCHEMATIC. HVAC CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS, INCLUDING DIVIDED DUCTS, REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES ASENCOUNTERED IN THE FIELD.
3. FURNISH ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR THE COMPLETE INSTALLATION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH ALL APPLICABLE CODES, ASHRAE, SMACNA, NFPA, EPA, ETC.
4. PRIOR TO INSTALLATION OF ASSOCIATED WORK; INSTALLER SHALL MEET AT PROJECT SITE WITH GENERAL CONTRACTOR, INSTALLER OF EACH COMPONENT OF ASSOCIATED WORK, INSPECTION AND TESTING AGENCY REPRESENTATIVES (IF ANY), INSTALLERS OF OTHER WORK REQUIRING COORDINATION WITH WORK OF THIS SECTION AND ARCHITECT / OWNER FOR PURPOSE OF COORDINATING LOCATIONS OF PROPOSED SYSTEMS, REVIEWING MATERIAL SELECTIONS, AND PROCEDURES TO BE FOLLOWED IN PERFORMING THE WORK IN COMPLIANCE WITH REQUIREMENTS SPECIFIED.
5. COORDINATE INSTALLATION AND LOCATIONS OF DUCTWORK AND PIPING WITH BUILDING STRUCTURE, PLUMBING PIPING, ELECTRICAL CONDUIT, LIGHTING, ETC. PRIOR TO PURCHASING OR INSTALLING EQUIPMENT AND MATERIALS.
6. ALL PIPING, DUCTS, VENTS, ETC. EXTENDING THROUGH WALLS AND ROOF SHALL BE FLASHED AND COUNTERFLASHED IN A WATERPROOF MANNER.
7. MAINTAIN MINIMUM OF TEN (10) FEET BETWEEN OUTDOOR AIR INTAKES AND EXHAUST FAN DISCHARGE, PLUMBING VENTS, ETC.
8. REFER TO PIPING DRAWINGS FOR LOCATION AND ROUTING OF ALL CONDENSATE DRAIN LINE CONNECTION POINTS.
9. DIVISION 23 SHALL BE LICENSED TO PERFORM MECHANICAL WORK IN THE MUNICIPALITY IN WHICH THE PROJECT IS LOCATED.
10. DIVISION 23 SHALL GUARANTEE ALL WORK PERFORMED AND MATERIALS FURNISHED UNDER THIS CONTRACT AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE OF THE WORK. ANY DEFECTS SHALL BE RECTIFIED BY DIVISION 15 WITHOUT ANY ADDITIONAL COST TO THE OWNER.
11. WORK SHALL COMPLY WITH THE LATEST REVISIONS OF CALIFORNIA BUILDING CODE, CALIFORNIA MECHANICAL CODE, CALIFORNIA ENERGY CODE, AND ANY STATE AND LOCAL CODES OR REGULATIONS THAT APPLY.
    A. IN CASE OF CONFLICTS BETWEEN DRAWINGS, SPECIFICATIONS, AND INTERPRETATION OF CODES BY LOCAL AUTHORITY, LATER SHALL GOVERN.

EQUIPMENT

1. ALL HVAC EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS AS SHOWN. UTILIZE FACTORY FILTERS DURING CONSTRUCTION AND REPLACE (IN KIND) JUST PRIOR TO TESTING AND BALANCING.
2. ALL EQUIPMENT SHALL HAVE A ONE (1) YEAR WARRANTY; COMPRESSORS SHALL HAVE AN ADDITIONAL FIVE (5) YEAR EXTENDED WARRANTY, ROOFTOP UNIT HEAT EXCHANGERS SHALL HAVE AN ADDITIONAL TEN (10) YEAR EXTENDED WARRANTY; PROVIDE WRITTEN GUARANTEE.
3. GENERAL CONTRACTOR SHALL STORE ALL HVAC EQUIPMENT (ROOFTOP UNITS, DUCTWORK, ETC.) THAT ARRIVES AT THE PROJECT SITE. STORE ALL EQUIPMENT IN A DRY PLACE, PROTECTING ALL EQUIPMENT FROM THE WEATHER, CONSTRUCTION TRAFFIC AND THEFT.
4. ROOF CURBS SHALL HAVE A BASE THAT FITS SLOPE OF ROOF AS REQUIRED. TOP OF ROOF CURB SHALL BE LEVEL.
5. FLEXIBLE CONNECTORS SHALL BE INSTALLED ON SUPPLY, RETURN, AND EXHAUST AIR DUCTS AT ALL EQUIPMENT CONNECTIONS.

DUCTWORK

1. RUN ALL DUCTWORK AND PIPING AS TIGHT TO BOTTOM OF STEEL AS POSSIBLE OR RUN THRU OPEN JOIST WEBBING.
2. DUCTWORK SHALL NOT BE SUPPORTED FROM BRIDGING, CONDUIT, PIPING, ETC. OF ANY KIND. DO NOT USE FASTENERS THAT PENETRATE ROOF DECKS.
3. ASPECT RATIO SHALL NOT EXCEED 3:1.
4. ALL DUCTWORK INSTALLATION SHALL RUN CONTINUOUSLY THROUGH PARTITIONS.
5. LOCATE ALL DUCT BALANCING DAMPERS, CONTROL DAMPERS AND FIRE DAMPERS ABOVE ACCESSIBLE CEILINGS OR PROVIDE CEILING ACCESS DOORS.
    A. WHERE DUCTWORK PASSES THROUGH A FIRE-RATED ASSEMBLY, AND THERE ARE O FIRE DAMPERS SHOWN ON THE PLANS (DUCTWORK SIZE IS LESS THAN 100 SQUARE INCHES), PROVIDE THE FOLLOWING, MINIMUM:
        1. A MINIMUM OF 12-INCH LONG BY 0.060-INCH THICK STEEL SLEEVE SHALL BE CENTERED IN EACH DUCT OPENING.
        2. THE SLEEVE SHALL BE SECURED TO BOTH SIDES OF THE WALL AND ALL FOUR SIDES OF THE SLEEVE WITH A MINIMUM OF 1-1/2" x 1-1/2" X 0.060" STEEL RETAINING ANGLES.
        3. THE RETAINING ANGLES SHALL BE SECURED TO THE SLEEVES AND THE WALL WITH NO. 10 (M5) SCREWS.
        4. THE ANNULAR SPACE BETWEEN THE STEEL SLEEVE AND WALL SHALL BE FILLED WITH SILICONE ELASTOMER TO PROVIDE A MINIMUM 2-HOUR RATED FIRESTOP.
6. PROVIDE VOLUME CONTROL DAMPERS WITH QUADRANT AND LOCK AND STANDOFF COLLAR AT ALL BRANCH DUCTS TO DIFFUSERS. INSTALL AT A MINIMUM OF TWO DUCT WIDTHS FROM BRANCH TAKEOFF.
7. DUCTWORK SIZES INDICATED ON DRAWINGS ARE INSIDE, FREE AND CLEAR DIMENSIONS. INCREASE DUCT OUTSIDE DIMENSION SIZE BY TWO (2) TIMES THE THICKNESS OF THE INSULATION.
8. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS.
9. ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL IN AREAS WITH FINISHED CEILINGS.
10. WHERE RECTANGULAR DUCTWORK IS INDICATED, AND AT INSTALLERS OPTION, SPIRAL AND ROUND DUCTWORK MAY BE SUBSTITUTED FOR RECTANGULAR DUCTWORK PROVIDED THEY ARE EQUIVALENT TO THE RECTANGULAR DIMENSIONS INDICATED ON THE DRAWINGS (i.e.: 8x4 = 8"0, 10x6 = 10"0).
11. PROVIDE INTERNALLY LINED SUPPLY AIR DUCTWORK FROM FAN COIL UNITS TO A MINIMUM OF 10-FEET AWAY FROM THE UNIT.
12. ALL RETURN AIR DUCTWORK SHALL BE INTERNALLY LINED.
13. ALL DUCT LINERS SHALL BE MINIMUM 1-1/2" THICK, COATED TO PREVENT ELEMENTSFROM ENTERING THE AIRSTREAM (COATING SHALL MEET ASHRAE 62 - LATEST EDITION), AND ENVIRONMENTALLY FRIENDLY WITH A MINIMUM R-VALUE OF R-6. LINER SHALL BE BLACK IN COLOR SO IT IS NOT NOTICEABLE FROM THE INSIDE OF REGISTERS AND GRILLES.
14. ALL SQUARE ELBOWS SHALL HAVE AIRFOIL TYPE TURNING VANES.
15. MAXIMUM FLEXIBLE DUCT LENGTH SHALL BE 5'-0". ALL FLEXIBLE DUCT SHALL CONFORM TO THE REQUIREMENTS OF U.L. 181 FOR CLASS 1 FLEXIBLE AIR DUCTS, WITH A MINIMUM R-VALUE OF R-6. SUPPORT FLEXIBLE DUCT TO ELIMINATE KINKING AND SAGGING. (FLEXIBLE DUCT IS NOT PERMITTED IN EXPOSED AREAS, RETURN AIR GRILLE AND EXHAUST AIR GRILLE CONNECTIONS).

PIPING

1. ALL PIPING LINES, INCLUDING CONDENSATE DRAINS, SHALL BE FULLY INSULATED WITH MINIMUM 1-1/2" THICK, 0.75 LB DENSITY, INSULATION WITH ALL SERVICE JACKET AND VAPOR BARRIER, FLAME SPREAD RATING OF 25 OR LESS, AND SMOKE-DEVELOPED RATING OF 50 OR LESS.
2. CONDENSATE PIPING FROM AIR CONDITIONING EQUIPMENT SHALL BE PITCHED A MINIMUM OF 1/4" PER FOOT, IN THE DIRECTION OF FLOW.
3. CONDENSATE DRAIN PIPES SHALL HAVE CLEANOUTS AT EVERY CHANGE IN DIRECTION, DISTANCES GREATER THAN 3 FEET, AND AT THE BEGINNING OF LONG STRAIGHT RUNS.
4. HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR THE SIZING OF REFRIGERANT LINES. HVAC EQUIPMENT SUPPLIER SHALL VERIFY REFRIGERANT PIPE LINE SIZES AND CONFIGURATIONS BASED ON CONTRACTOR'S PROPOSED PIPE ROUTING.

CONTROLS

1. ALL CONTROL WIRING AND CONDUIT SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (NEC) AND NFPA 70.
2. ALL CONTROL WIRING AND POWER CONDUCTOR INSULATION SHALL BE PLENUM RATED.
3. ALL EXPOSED CONTROL WIRING SHALL BE INSTALLED IN 3/4" EMT CONDUIT.
4. PROVIDE ALL RELAY, CONTRACTORS, ETC. REQUIRED TO ACHIEVE INTERLOCK OPERATION OF EQUIPMENT.

BALANCING

1. MECHANICAL CONTRACTOR, WHO IS CERTIFIED BY EITHER THE ASSOCIATED AIR BALANCE COUNCIL (AABC) OR NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB); UPON COMPLETION OF THE PROJECT, SHALL PERFORM A COMPLETE TESTING AND BALANCING OF ALL EQUIPMENT. BALANCE SYSTEM TO WITHIN ±5% OF AIR QUANTITIES INDICATED ON PLANS AND SCHEDULES AND PROVIDE THE OWNER WITH A COMPLETE, SIGNED AND SEALED BALANCE REPORT.

MECHANICAL

NUMBER	NAME
M0.00	COVER SHEET
M0.01	SCHEDULES
M2.20	MECHANICAL FLOOR PLAN - LOWER LEVEL
M2.21	MECHANICAL FLOOR PLAN - UPPER LEVEL
M2.40	MECHANICAL ROOF PLAN
M5.00	MECHANICAL ENLARGED PLANS & SECTIONS
M7.00	MECHANICAL CONTROLS
M8.00	MECHANICAL DETAILS
M9.00	TITLE 24
M9.01	TITLE 24
M9.02	TITLE 24

APPLICABLE CODES

2022 CALIFORNIA BUILDING CODE
2022 CALIFORNIA ELECTRICAL CODE
2022 CALIFORNIA MECHANICAL CODE
2022 CALIFORNIA ENERGY CODE
2022 CALIFORNIA FIRE CODE

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DENGHAM
No. M36987
Exp. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
COVER SHEET

△ REVISIONS

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M0.00

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MULTIZONE HEAT PUMP SCHEDULE

LOCATION	FAN COIL UNIT	MANF.	MODEL	TYPE	COOLING (BTU)	HEATING (BTU)	AIRFLOW (HIGH/LOW) (CFM)	WEIGHT	ELECTRICAL			HEAT PUMP	LOCATION	MANF.	MODEL.	COOLING EFF (BTU/H/W)	HEATING EFF (BTU/H/W)	COOLING (BTU)	HEATING (BTU)	WEIGHT	ELECTRICAL			
									VOLT / PH	RATED AMP	MCA										VOLT / PH	MCA	MOP	NOTES
ME STORAGE	**FCU-1**	LG	ARNU483NKA4	VERTICAL AHU	48,000	54,000	1400 / 1000	200	208 / 1	3.4		**HP-1**	UTILITY YARD	LG	ARUN096BSS5	13.5	14.4	92,000	103,000	400	208 / 3	25.7	40	1-4
ME STORAGE	**FCU-2**	LG	ARNU483NKA4	VERTICAL AHU	48,000	54,000	1400 / 1000	200	208 / 1	3.4														

NOTES:
1. PROVIDE EACH FAN COIL UNIT WITH A WIRED WALL MOUNTED THERMOSTAT.
2. ROUTE CONDENSATE TO CODE APPROVED AIR GAP FITTINGS.
3. PROVIDE DRY CONTACT FOR THIRD PARTY, NEST, THERMOSTAT.
4. PROVIDE INTEGRATED CONDENSATE PUMP

EXHAUST FANS

TAG	SERVICE.	MODEL.	MANF.	DRIVE	SPEED 1 (CFM)	SPEED 2 (CFM)	SP (inWC)	FAN SPEED (RPM)	MOTOR SPEED (RPM)	MCA (AMP)	SPEED CONTROL	WEIGHT (LBS)	SOUND LEVELS		FEI	Electrical				Notes
													INLET	OUTLET		Volt (V)	Phase	FLA	MOCP	
EF-1	RESTROOM	FV-1115VK2	PANASONIC	DIRECT	100	100	0.4	1,193	1,193	1.9	EC MOTOR	20	<.3 SONES	<.3 SONES	-	120	1	1.5	15	1,2
EF-2	RESTROOM	FV-1115VK2	PANASONIC	DIRECT	100	100	0.4	1,193	1,193	1.9	EC MOTOR	20	<.3 SONES	<.3 SONES	-	120	1	1.5	15	1,2
EF-3	STAFF ROOM	CSP-A390-VG	GREENHECK	VARIGREEN	100	100	0.4	1,193	1,193	1.9	EC MOTOR	20	<.3 SONES	<.3 SONES	-	120	1	1.5	15	1,2
EF-4	JANITOR ROOM	CSP-A390-VG	GREENHECK	VARIGREEN	100	100	0.4	1,193	1,193	1.9	EC MOTOR	20	<.3 SONES	<.3 SONES	-	120	1	1.5	15	1,2
EF-5	GENERAL EXHAUST	CSP-A3300-VG	GREENHECK	VARIGREEN	3,000	VARIES	0.5	1,202	1,202	10.9	EC MOTOR	60	< 6 SONES	< 6 SONES		120	1	8.7	15	4-5

NOTES:
1. PROVIDE BACKDRAFT DAMPER AND WEATHER CAP
2. VARIABLE SPEED MOTOR.

AIR TERMINALS SCHEDULE

MARK	TYPE	MANF.	MODEL	SIZE	SLOT WIDTH	SIZE	COLOR	MAX NC	NOTES
S1	FLOOR DIFFUSER	PRICE	LBP	6"	24"	SEE PLANS	NOTE 3	25	1, 2, 4
R1	LOUVERED	PRICE	90	NA	NA	SEE PLANS	NOTE 3	25	1-3
E1	LINEAR BAR	PRICE	LBP	6"	48"	SEE PLANS	NOTE 3	25	1-3
E2	PERFORATED	PRICE	10	N/A	N/A	12"x12"	NOTE 3	25	1-3

NOTES:
1. PAINT INTERIOR OF FIRST 18" OF DUCTWORK CONNECTED TO DIFFUSER BLACK
2. REFER TO SPECIFICATION 23 3700, SECTION 2.3 C FOR SPECIFIC DIFFUSER AND GRILL MOUNTING TRIM REQUIREMENTS.
3. AIR TERMINALS LOCATED IN THE CEILING AND ON WALLS SHALL BE WHITE, EXCEPT WHERE LOCATED IN WOOD CEILINGS. WHERE LOCATED IN WOOD CEILINGS, AIR TERMINALS SHALL BE BLACK
4. AIR TERMINALS LOCATED IN THE FLOOR SHALL BE SHALL BRUSHED STAINLESS STEEL.

MIXING BOX

TAG	SERVICE	LOCATION	MAKE	MODEL NO.	MIXED AIR VOLUME (CFM)	MIN OUTDOOR AIR VOLUME (CFM)	ECONOMIZER OUTDOOR AIR VOLUME (CFM)	BOX DIMENSIONS			OPERATING WEIGHT (LBS)	NOTES
								WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)		
MXB-1	OUTDOOR AIR	ATTIC	MICROMETL	DEC-GP21XCCA	3000	600	3000	22	22	22	150	1-5

NOTES:
1. PROVIDE STANDARD CONTROLS
2. PROVIDE HONEYWELL W7212 CONTROLLER
3. ECONOMIZER ENABLED BASED ON INPUT FROM FURNACE CONTROLLER, ENABLE ECONOMIZER WHEN IN COOLING.
4. BELIMO ACTUATOR
5. PROVIDE MIXING BOX WITH 4" MERV 13 FILTER SECTION. FILTER MIXED AIR PRIOR TO CONNECTION TO FURNACE PLENUM

VAV BOX SCHEDULE

TAG	SERVICE	INLET SIZE (IN)	DESIGN AIRFLOW (CFM)			MIN OA (CFM)		NOTES
			COOL (CFM)	BOX MIN (CFM)	HEATING (CFM)	DESIGN (CFM)	AREA (CFM)	
VAV-1	STAFF ROOM	10	800	40	400	245	80	1-3
VAV-2	MEETING ROOM	10	600	30	300	320	80	1-3
VAV-3	CHILDRENS ROOM	10	600	30	300	640	120	1-3

NOTES:
1. TOTAL MAX AIR PRESSURE DROP, VAV BOX < 0.2inWC
2. ALL VAV BOXES CONTROLLED BY ZONE TEMP, AND OCCUPANCY SENSORS.
3. ALL VAV BOXES SERVE FCU-1 AND FCU-2

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DEHOFF
No. M36987
Exp. 9-30-26
STATE OF CALIFORNIA

BID SET

SHEET TITLE
SCHEDULES

REVISIONS

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JOB NO. 2023.12
SHEET NUMBER **M0.01**

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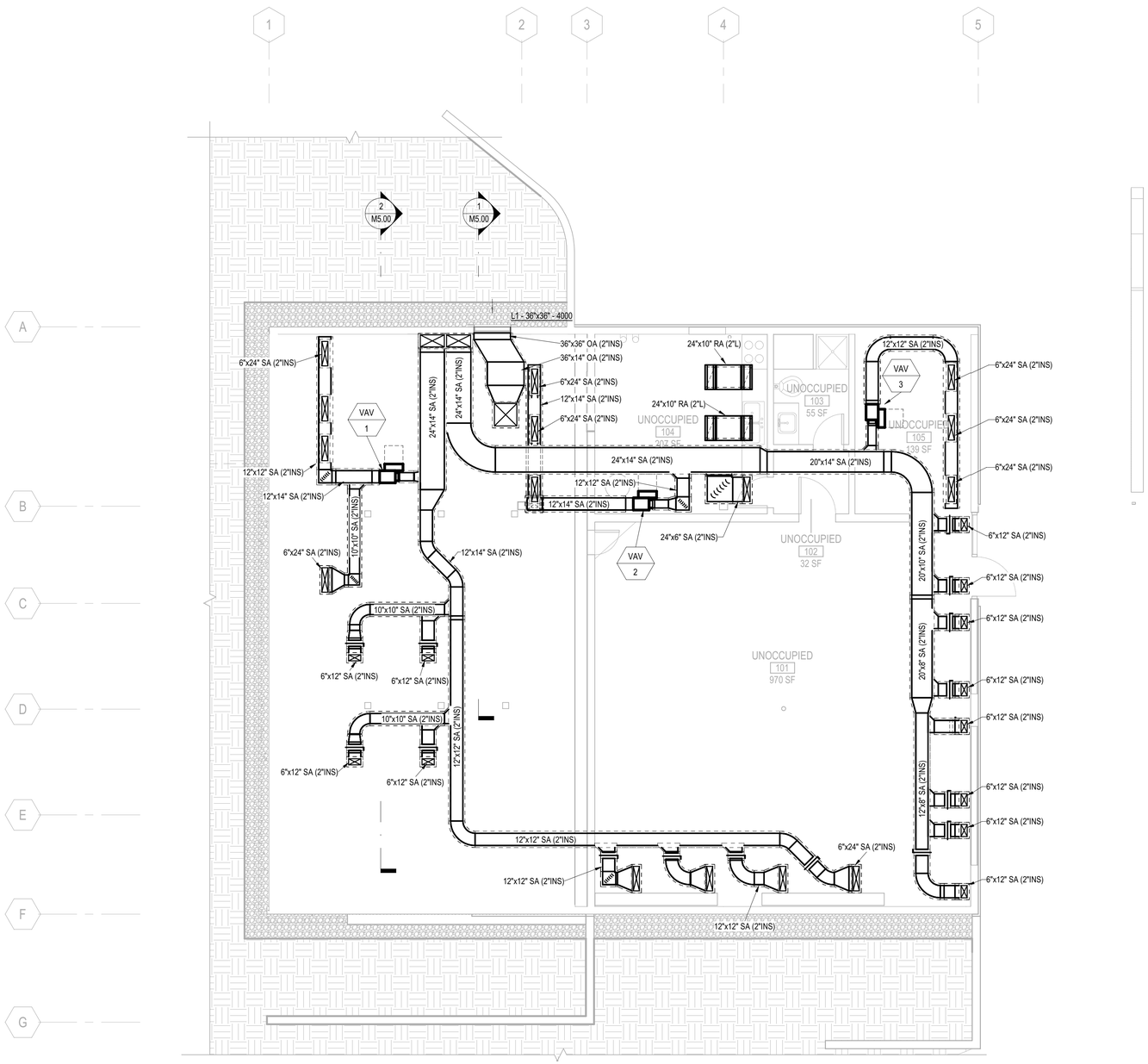

1 M2.20 01 - MECHANICAL LOWER LEVEL

3/16" = 1'-0"

GENERAL NOTES

A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.
C. DEMO ALL EXISTING HVAC DUCTWORK AND LOUVERS.
D. DEMO ALL EXISTING HAVE EQUIPMENT, INCLUDING POWER SUPPLIES AND ASSOCIATED PIPING.
E. PROVIDE BRANCH CONNECTION TO DIFFUSER ABOVE. PROVIDE BALANCING DAMPER AT EACH BRANCH CONNECTION. TYPICAL ONE PER DIFFUSER ABOVE, NOT SHOWN.

SHEET NOTES

1. SHEET NOTE NOT USED.

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SHEET TITLE
MECHANICAL FLOOR PLAN - LOWER LEVEL

REVISIONS

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SHEET NUMBER	M2.20

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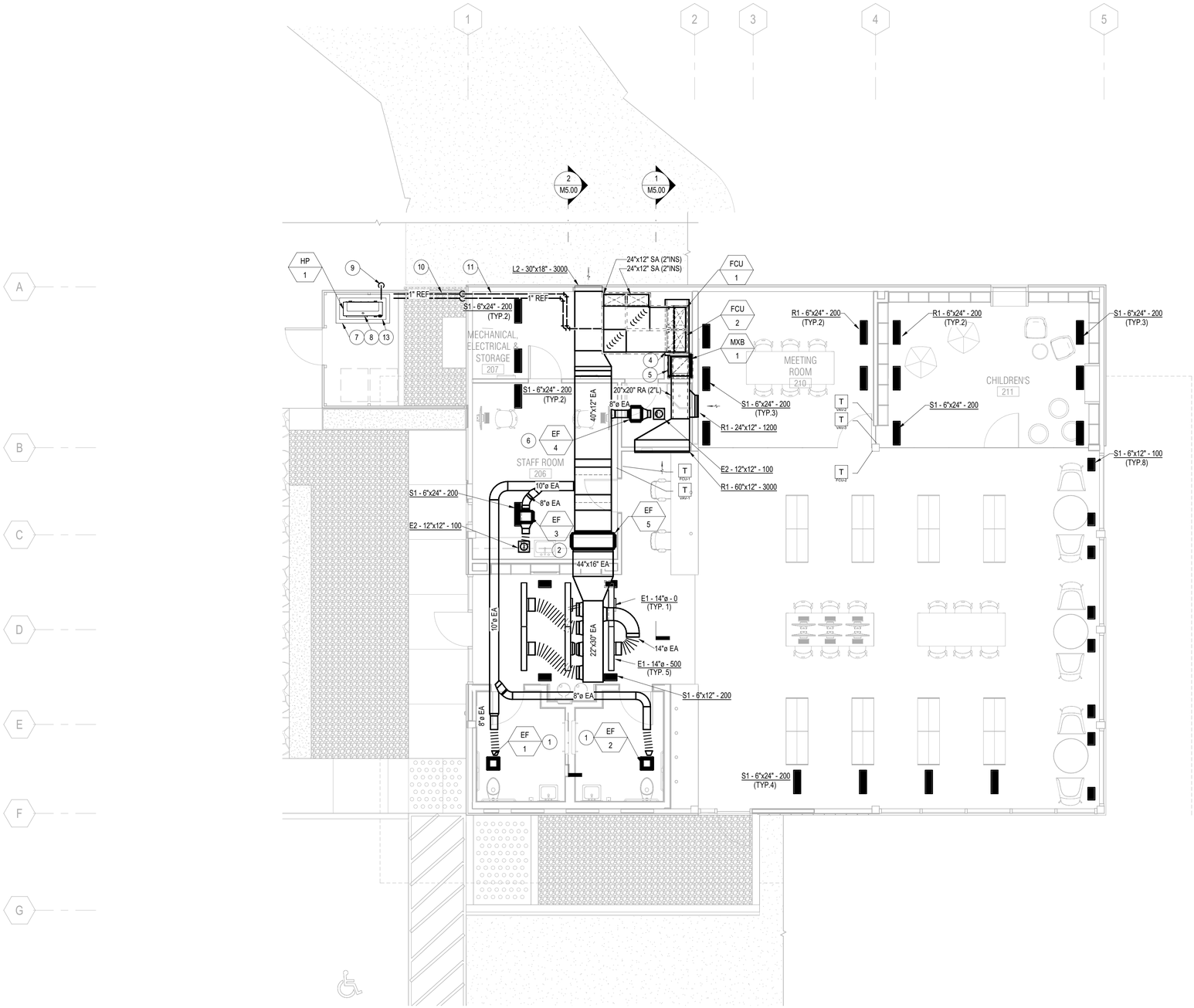

1 02 -MECHANICAL UPPER LEVEL
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GENERAL NOTES

A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.
C. PROVIDE ALL EXHAUST FANS WITH REMOTE, AIRFOIL STYLE, BACKDRAFT DAMPERS. REMOVE BACKDRAFT DAMPERS INTEGRATED INTO EXHAUST FANS.

SHEET NOTES

1. CONTROLLED BY OCCUPANCY SENSOR.
2. CONTROLLED BY WALL SWITCH, WITH INTEGRATED TIMER.
3. CONTROLLED TO MAINTAIN BUILDING STATIC PRESSURE SETPOINT.
4. PROVIDE SHEET METAL PLENUM BELOW FAN COIL UNITS. CONNECT ONE END OF PLENUM TO OUTLET OF MIXING BOX. MOUNT FAN COIL UNITS ON TOP OF PLENUM. FAN COIL UNITS DRAW AIR IN FROM PLENUM.
5. MIXING BOX LOCATED AT GROUND LEVEL. CONNECT TOP OF MIXING BOX TO RETURN AIR DUCTWORK, ROUTED FROM CEILING. CONNECT THE BOTTOM OF THE MIXING BOX TO THE OUTDOOR AIR DUCT, ROUTED FROM FLOOR BELOW. CONNECT SIDE DISCHARGE OF MIXING BOX TO PLENUM LOCATED BELOW FAN COIL UNITS.
6. OPERATES CONTINUOUSLY.
7. PROVIDE 6" CONCRETE HOUSE KEEPING PAD. EXTEND PAD 8" AROUND HEAT PUMP, ON ALL SIDES.
8. STAINLESS STEEL DRAIN PAN, LOCATED BELOW HEAT PUMP.
9. DRAIN PAN WITH 3/4 DRAIN. STUB DRAIN THROUGH SCREEN WALL, AN TERMINATE 6" ABOVE GRADE, WITH A DOWN FACING ELBOW.
10. REFRIGERANT PIPING ROUTED TO FAN COIL UNITS
11. REFRIGERANT PIPING
12. ACOUSTIC LINED Z TRANSFER DUCT. SIMILAR TO PRICE INDUSTRIES CROSS TALK SILENCER.
13. PROVIDE COLD CLIMATE HEAT PUMP STAND, ELEVATING HEAT PUMP 18" ABOVE SURROUNDING SLAB, AND 12" ABOVE TOP OF PAD.

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SHEET TITLE
MECHANICAL FLOOR PLAN - UPPER LEVEL

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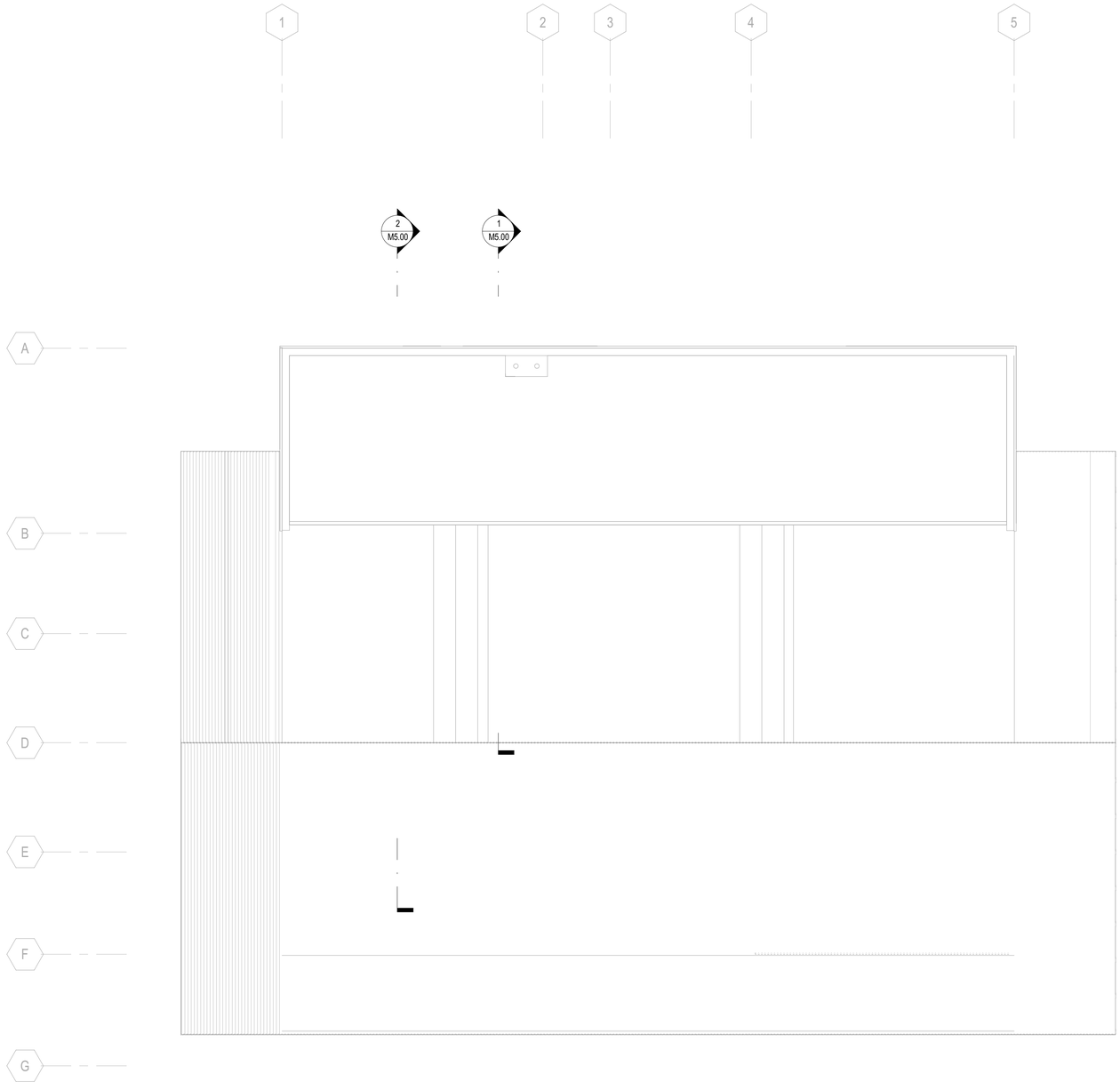
M2.21



1 M2.40 **03 - MECHANICAL ROOF**
3/16" = 1'-0"

GENERAL NOTES

A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

1. SHEET NOTE NOT USE.

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SHEET TITLE
MECHANICAL ROOF PLAN

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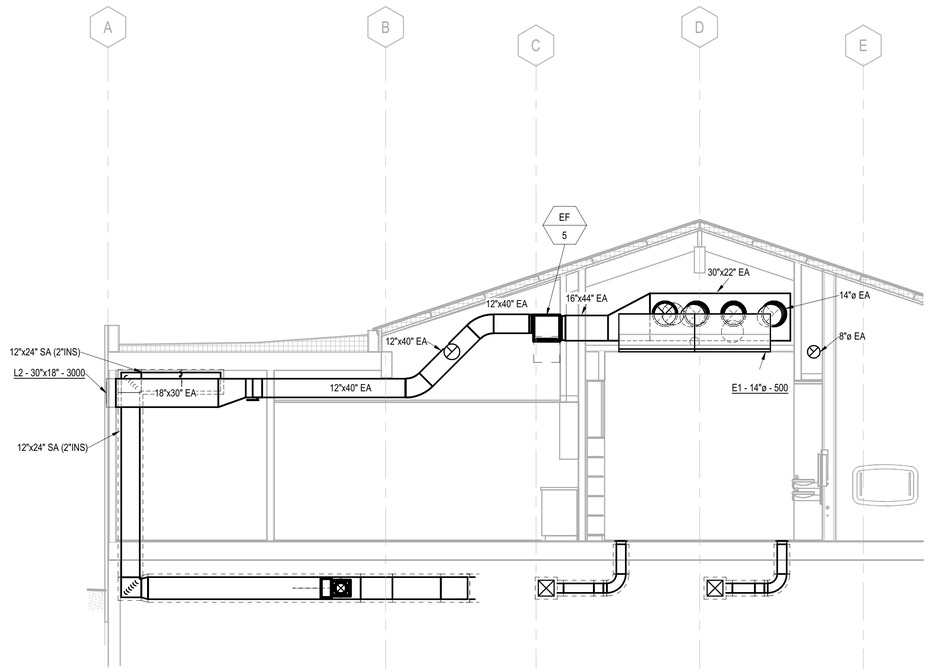
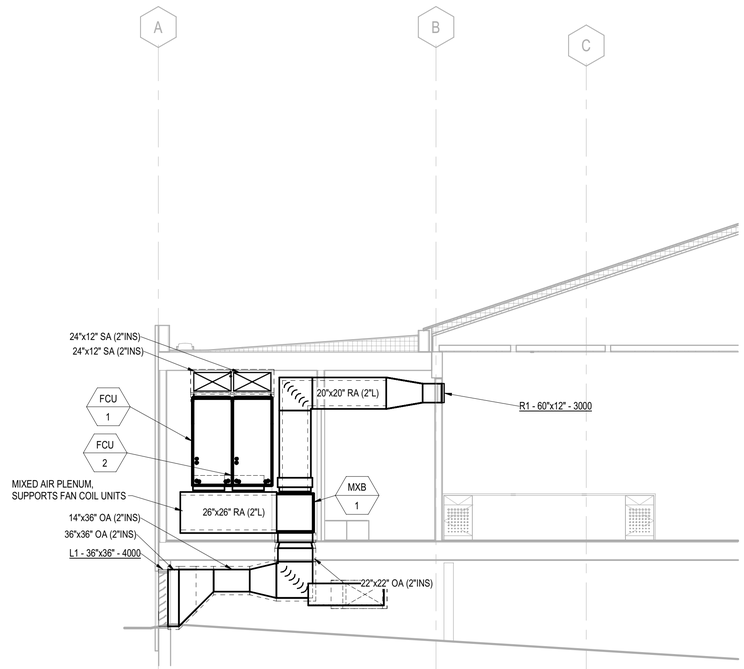


2 M5.00 **EXHAUST FAN SECTION**
1/4" = 1'-0"



1 M5.00 **FAN COIL UNIT SECTION**
1/4" = 1'-0"

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MECHANICAL ENLARGED PLANS & SECTIONS

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SHEET NUMBER **M5.00**

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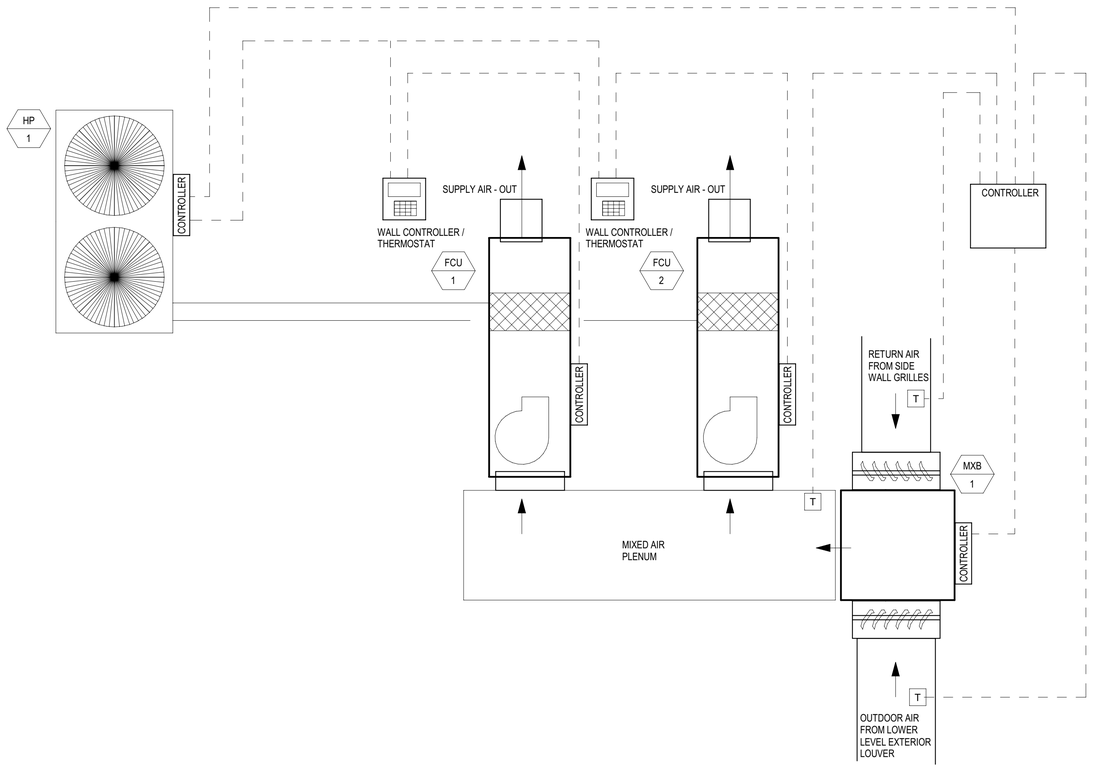

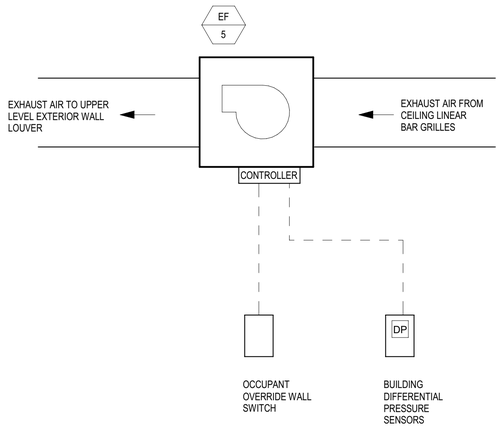

4 M700 FCU CONTROL SEQUENCE
NTS

SUMMARY:

A CENTRAL OUTDOOR HEAT PUMP PROVIDES HOT OR COLD REFRIGERANT TO INDOOR FAN COIL UNITS. INDOOR FAN COIL UNITS SUPPLY CONDITIONED AIR TO ALL REGULARLY OCCUPIED ZONES. FAN COIL UNITS SOURCE AIR FROM A COMMON MIXED AIR PLENUM. THE MIXED AIR PLENUM SOURCES AIR FROM A MIXING BOX. THE MIXING BOX MODULATES BETWEEN MINIMUM OUTDOOR AIR AND 100% OUTDOOR AIR. THE MIXING BOX SETPOINT IS DEPENDENT ON OUTDOOR AIR TEMPERATURE AND MODE OF OPERATION.

HEAT PUMP MUST ENABLE DUAL SETPOINT CONTROL FROM THE NATIVE THERMOSTAT. NO ALTERNATIVES TO THIS REQUIREMENT WILL BE CONSIDERED.

THE OCCUPANTS SHALL BE ABLE TO OVERRIDE SETPOINT AND SCHEDULES.

SCHEDULING:
OCCUPIED:
MONDAY-SATURDAY: 8AM-7PM

UNOCCUPIED SETBACK
MONDAY-SATURDAY: MIDNIGHT-8AM
MONDAY-SATURDAY: 7PM-MIDNIGHT
SUNDAY: ALL DAY

SETPOINT:
HEATING
OCCUPIED: 70F
OCCUPIED SETBACK: 68F
UNOCCUPIED: 62F

COOLING
OCCUPIED: 76F
OCCUPIED SETBACK: 78F
UNOCCUPIED: 85F

DEADBAND
OCCUPIED: 70F-76F
OCCUPIED SETBACK: 68F-78F
UNOCCUPIED: 62F-85F

FAN COIL UNITS:
FAN COIL UNIT FAN SPEED AND REFRIGERANT VALVE POSITION SHALL MODULATE BASED ON MANUFACTURES LOGIC TO MAINTAIN ZONE TEMPERATURE SETPOINT.

THE FAN COIL UNITS SHALL COMMUNICATE WITH THE HEAT PUMP, TO CONTINUOUSLY RESET THE HEAT PUMPS MODE OF OPERATION.

THE SYSTEM SHALL BE SLAVE TO FAN COIL UNIT FCU-2. THE MODE OF OPERATION (HEATING OR COOLING) SHALL BE DETERMINED BY FAN COIL UNIT FCU-2.

FAN COIL UNIT FCU-1 SHALL BE LOCKED OUT WHEN THE FCU-1'S REQUESTED MODE OF OPERATION IS DIFFERENT FROM FCU-2.

HEAT PUMP:
THE HEAT PUMP SHALL OPERATE TO PROVIDED REFRIGERANT TO FAN COIL UNITS. HEAT PUMP SHALL OPERATE IN HEATING OR COOLING MODE, NOT BOTH MODES SIMULTANEOUSLY.

THE HEAT PUMP SHALL BE OUTPUT THE CURRENT MODE OF OPERATION TO THE MIXING BOX.

MIXING BOX
THE MIXING BOX MODULATES AS AN ECONOMIZER DAMPER, UTILIZING DRY BULB CONTROL.

WHEN THE HEAT PUMP IS IN COOLING MODE, AND THE OUTDOOR AIR TEMPERATURE IS LESS THAN THE RETURN AIR TEMPERATURE, THEN THE MIXING BOX SHALL BE CONFIGURED TO PASS 100% OUTDOOR AIR INTO THE MIXED AIR PLENUM.

IN ALL OTHER CONDITIONS THE MIXING BOX SHALL BE CONFIGURED TO PASS THE SPECIFIED MINIMUM OUTDOOR AIR RATE INTO THE MIXED AIR PLENUM.

EXHAUST FAN
EXHAUST FAN EF-5 MODULATES TO MAINTAIN THE BUILDING'S DIFFERENTIAL PRESSURE SETPOINT WITH THE OUTDOORS. THE FAN SHALL OPERATE AT ZERO SPEED WHEN THE DIFFERENTIAL IS LESS THAN 0.03INC, AND 100% SPEED WITH THE DIFFERENTIAL IS GREATER THAN 0.15INWC. RESET FAN SPEED LINEARLY BETWEEN.

THE EXHAUST FAN SHALL ADDITIONALLY BE PROVIDED WITH AN OCCUPANT OVERRIDE SWITCH WITH INTEGRATED TIMER. WHEN THIS SWITCH IS ENABLED, THE EXHAUST FAN SHALL OPERATE AT 80% SPEED. THE SWITCH SHALL AUTOMATICALLY RESET TO DISABLED AFTER ONE HOUR. WHEN THE SWITCH IS DISABLED, THE EXHAUST FAN SHALL OPERATE TO MAINTAIN BUILDING DIFFERENTIAL PRESSURE.

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Alter Engineers
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510.474.0379

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DENGHAUS
No. M36987
Exp. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
MECHANICAL CONTROLS

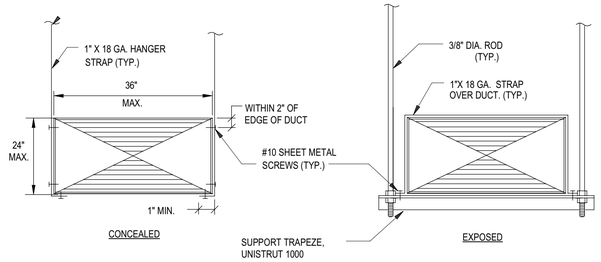
REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the 2022 California Residential Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE NTS
JOB NO. 2023.12
SHEET NUMBER
M7.00

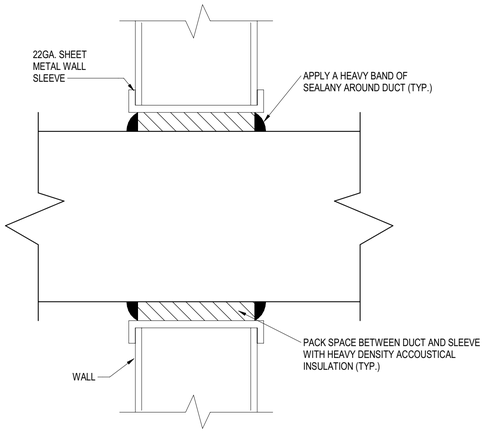
2/17/2026 8:46:53 PM



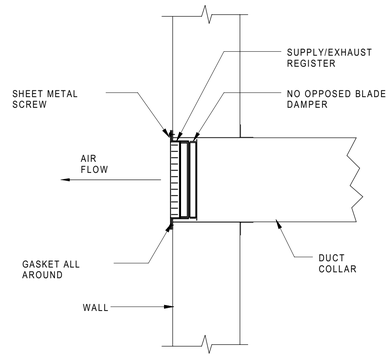
NOTE:

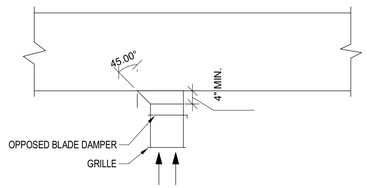
1. ALL INTERIOR DUCT CROSS SECTIONS ARE 6 SQ FT OR SMALLER.

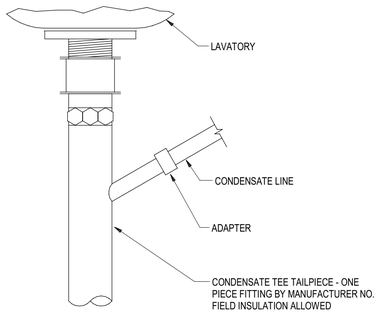
4 M08 DUCT HANGING DETAIL
N.T.S.



5 M08 DUCT THRU WALL
N.T.S.



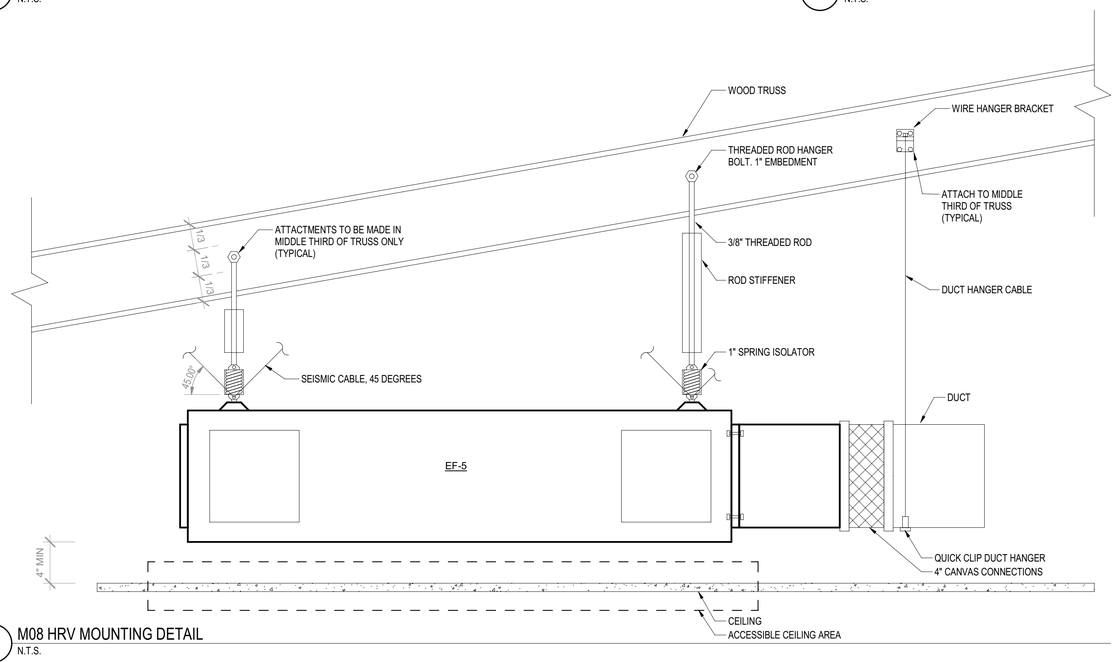




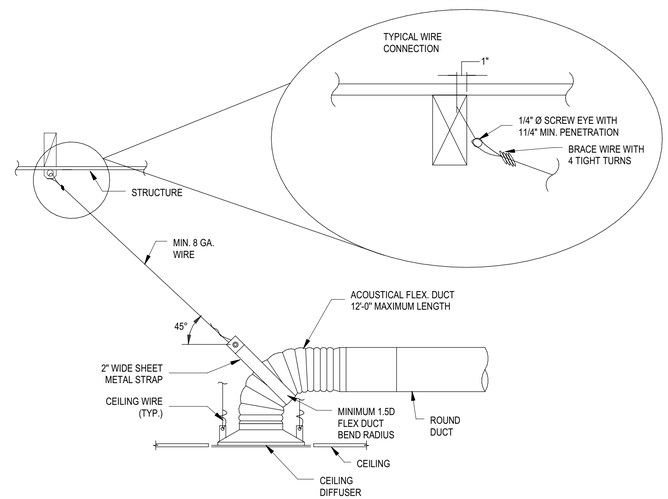
7 M08 WALL DIFFUSER DETAIL
N.T.S.

3 M08 DIFFUSER TAKEOFF
N.T.S.

2 M08 CONDENSATE TO TAILPIECE DETAIL
N.T.S.



6 M08 HRV MOUNTING DETAIL
N.T.S.



1 M08 CEILING DIFFUSER MOUNTING DETAIL
N.T.S.

2/17/2026 8:46:54 PM

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M8.00

K. FENESTRATION AND GLAZED DOOR SCHEDULE

[1]FOOTNOTES: If any individual fenestration product is non-compliant, products may show compliance using an area-weighted calculation. Chromogenic glazing is not included in area-weighted calculations. Area-weighted calculation shown in separate area-weighted table below.
[2]The NA6 Default Calculation can only be used for alterations or dwelling units in buildings with <= 3 habitable stories. Alterations are limited to 200ft² of site built glazing and dwelling units are limited to 250ft² or 5% of conditioned floor area. If the fenestration does not meet these conditions, the only options for determining fenestration values are NFRC Certification or the Default Tables in 110.6.
[3] Overhangs must extend past the left and right window the same distance as the depth of the overhang or greater to show an affect on the RSHGC. If an overhang does not meet this requirement, the affect of the overhang will be ignored.
[4]Projecting includes casement and awning windows.

L. DAYLIGHT IN LARGE ENCLOSED SPACES

This section does not apply to this project.

M. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection 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 can be found online

Form/Title
NRCI-ENV-01-E - Must be submitted for all buildings

N. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, form user must provide an explanation in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4. Individuals who perform the field testing and verification work, and provide the information required for completion of the fenestration Certificate of Acceptance documentation are not required to be licensed professionals. However, the person who signs the Certificate of Acceptance document to certify compliance with the acceptance requirements shall be licensed as specified in Standards Section 10-103(a)4 and NA7.3.1

Form/Title	Systems/Spaces To Be Field Verified
NRCA-ENV-02-F must be submitted for all new, added or altered site built fenestration.	A3.20 Replacement Windows (9&1048.5); A3.20 Replacement Windows (all others besides 9&11)

O. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no forms required for this project.

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Stefan Gracik	Documentation Author Signature: Stefan Gracik
Company: Alter Engineers	Signature Date: 06/05/2025
Address: 825 Washington St Ste 227	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Oakland, CA 94607	Phone: 510-474-0379

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: Matthew Dehghani	Responsible Designer Signature: Matthew Dehghani
Company: Alter Engineers	Date Signed: 06/05/2025
Address: 825 Washington St Ste 227	License: 36987
City/State/Zip: Oakland, CA 94607	Phone: 510-474-0379

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F. ROOF ASSEMBLY SCHEDULE

07	08	09	10	11	12	13	14		15
Tag/Plan Detail ID	How Design U-factor was determined	Fireproofing	Concrete Topping Thickness (in.)	Continuous Insulation per Design[2]	Thermal Performance Unit	Required Thermal Performance[3]	U-factor per Design		Net Area[4] ft²
A7.00-1				R-23	R-value	R-23	per JA4		
							per Software/ Other		

[1]FOOTNOTES: If any individual assembly is non-compliant, assemblies may show compliance using an area-weighted calculation. Metal building roofs may not be combined with other roof types. The area-weighted compliance option is not available for alterations demonstrating compliance with R-values in Table 141.0-C.
[2] For alterations using U-factor as the Thermal Performance Unit, at least R-10 insulation must be above deck.
[3] If "R-value" is shown in cell 13 as the Thermal Performance Unit, the R-value shown here is for continuous insulation per Table 141.0-C.
[4] Roof area minus any fenestration/ skylight area

G. RATED ROOFING MATERIAL (COOL ROOF)

This section does not apply to this project.

H. WALL ASSEMBLY SCHEDULE

This table demonstrates compliance with prescriptive wall assembly requirements in 140.3(a)/ 170.2(a) for new constructions, 141.0(a)/ 180.1 for additions and 141.0(b)1B/ 180.2 for alterations.

01	Indicate wall types included in the project:[1]	☒ Framed	☐ Mass (new only)	☐ Concrete Sandwich Panel (new only)	☐ SIPS	☐ ICF (new only)
		☐ Metal Panels	☐ Metal Building	☐ Spandrel/ Curtain Wall	☐ Straw Bale	☐ Log Home (new only)

[1] FOOTNOTES: Wall types indicated above as "(new only)" do not have Title 24, Part 6 requirements for alterations. New construction and additions do have requirements and should be clicked above and compliance demonstrated within this table.

Framed Walls		
01	☐	Calculate Area-Weighted Average U-factor for Metal Framed Walls[1]
02	☐	Include Wood Framed Walls in Area-Weighted Average U-factor Calculation[1]

H. WALL ASSEMBLY SCHEDULE

03	04	05	06	07	08	09	10	11	12		13
Tag/Plan Detail ID	Occupancy & Status	How Design U-factor was determined	Location/ Fire Rating	Frame Material, Spacing & Depth	Cavity Insulation per Design	Continuous Insulation per Design	Thermal Performance Unit	Required Thermal Performance	U-factor per Design		Net Area[3] ft²
A7.00 2x6 WALL	Any occupancy: Altered		Exterior wall	Wood 5/8" gyp 16" OC 2x6	19		R-value	R-11	per JA4		
									per Software/ Other		
A7.00 2x4 WALL	Any occupancy: Altered		Exterior wall	Wood 5/8" gyp 16" OC 2x4	11		R-value	R-11	per JA4		
									per Software/ Other		

[1]FOOTNOTES: If any individual assembly is non-compliant, assemblies may show compliance using an area-weighted calculation. Metal framed walls may not be combined with other wall types. Wood framed walls are combined with SIPS, spandrel & curtain, metal panel and straw bale wall types. The area-weighted compliance option is not available for alterations demonstrating compliance with R-values in Table 141.0-C.
[2] If "R-value" is shown in cell 10 as the Thermal Performance Unit, the R-value shown here is for cavity insulation per 141.0(b)1B.
[3] Wall area minus any fenestration area

I. FLOOR ASSEMBLY SCHEDULE

This section does not apply to this project.

J. EXTERIOR DOOR SCHEDULE

This section does not apply to this project.

K. FENESTRATION AND GLAZED DOOR SCHEDULE

This table demonstrates compliance with prescriptive fenestration requirements in 140.3(a)5/ 170.2(a)3 for new constructions, 141.0(a)/ 180.1 for additions, or 141.0(b)2A/ 180.2 for alterations. Exterior doors that are more than 25% glass in area are considered Glazed Doors and should be documented on this table with fenestration.

01	Indicate fenestration types included in the project:[1]	☒ Vertical (alterations)	☐ Vertical (new)	☐ Skylights	☐ Glazed Doors (new only)

[1] FOOTNOTES: Fenestration types indicated above as "(new only)" do not have Title 24, Part 6 requirements for alterations. New construction and additions do have requirements and should be clicked above and compliance demonstrated within this table.

Vertical Fenestration And Glazed Doors- U-factor, Solar Heat Gain Coefficient (RSHGC/ SHGC), Visible Transmittance (VT)		
01	☐	Calculate Area-Weighted Average U-factor for Vertical Fenestration and Glazed Doors[1]
02	☐	Calculate Area-Weighted Average (R)SHGC for Vertical Fenestration and Glazed Doors[1]
03	☐	Calculate Area-Weighted Average VT for Vertical Fenestration and Glazed Doors[1]

Vertical Fenestration And Glazed Doors- U-factor, Solar Heat Gain Coefficient (RSHGC/ SHGC), Visible Transmittance (VT)

04	05	06	07	08	09		10	11	12	13
Tag/Plan Detail ID	Fenestration Type	Occupancy & Status	U-factor/ (R)SHGC Compliance Method	VT Compliance Method	Calculation Method for Performance Values per Design[2]		Product Performance Unit	Required Product Performance	Product Performance per Design	Area ft²
A3.20 Replacement Windows (9&1048.5)	Storefront	Nonresidential/ Relocatable 1 CZ: : Alt. (Replacement > 150ft2)	Table141.0-A	Table 140.3-B/C/D		NFRC Certified	U-factor (max)	0.47	0.47	226
					☐	Overhang/ Slats used for RSHGC	(R)SHGC (max)	0.41	0.41	
							VT (min)	0.46	0.46	
A3.20 Replacement Windows (all others besides 9&11)	Storefront	Nonresidential/ Relocatable 1 CZ: : Alt. (Adding New > 50ft2)	Table 140.3-B/C/D	Table 140.3-B/C/D		NFRC Certified	U-factor (max)	0.41	0.41	500
					☐	Overhang/ Slats used for RSHGC	(R)SHGC (max)	0.26	0.26	
							VT (min)	0.46	0.46	

A. GENERAL INFORMATION

01	Project Location (city)	North Fork	05	# of Stories (Habitable Above Grade)	1
02	Zipcode	93643	06	Total Conditioned Floor Area (ft²)	2770
03	Climate Zone	16	07	Total Unconditioned Floor Area (ft²)	1500
04	Occupancy Types Within Project: (select all that apply): If one occupancy constitutes >= 80% of the conditioned floor area, the entire building envelope may be designed to comply with the provisions of that occupancy per 100.0(f).		08	☐ Project includes unconditioned enclosed space(s) > 5,000 ft² under a roof with a ceiling height of at least 15 ft.[1]	

● Library ● Office

[1] FOOTNOTE: Enclosed spaces > 5,000 ft² directly under roof with ceiling height > 15 ft in climate zones 2 through 15 are required to meet the minimum daylighting requirements defined in 140.3(c)/ 170.2(b). Compliance with 140.3(c)/ 170.2(b) is documented in Table L. This is the only prescriptive requirement which applies to unconditioned spaces.

B. PROJECT SCOPE

This table specifies project envelope components within the permit application demonstrating compliance using the prescriptive paths outlined in 140.3/ 170.2 and 141.0(a)1/ 180.1 and 141.0(b)1 and 2/ 180.2 for additions and alterations.

My project consists of (check all that apply)		Component Types				
		01		02		
☐ New Construction or Newly Conditioned Space	☐	Roof	☐	Walls	☐	Exterior Opaque Doors
☐ One or more enclosed spaces > 5,000 ft² directly under roof with ceiling height > 15ft			☐	Floors	☐	Fenestration/ Glazed Doors[1]
☐ Addition of conditioned space	☐	Roof	☐	Walls	☐	Exterior Opaque Doors
☐ One or more enclosed spaces > 5,000 ft² directly under roof with ceiling height > 15ft						
☐ Addition is <=700 ft²			☐	Floors	☐	Fenestration/ Glazed Doors[1]
☐ Addition is >700 ft²						
☒ Alteration of conditioned space	☒	Roof Assembly	☒	Walls		
☐ One or more enclosed spaces > 5,000 ft² directly under roof with ceiling height > 15ft and lighting system installed for the first time	☐	Roofing Material[2]	☐	Floors	☒	Fenestration

B. PROJECT SCOPE

[1]FOOTNOTE: Doors that are more than 25% glass in area are considered Glazed Doors and should be documented on table K with fenestration.
[2]Roof recovers and replacements must also check "Roof Assembly" box and document compliance with insulation requirements in Table F. Roof recoats may document compliance with roof material only in Table G.

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through L. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see the applicable table referenced below.

Opaque Envelope Components					Fenestration	Daylighting Spaces > 5,000ft²	Compliance Results
Roof Assembly	Roofing Materials	Walls	Floors	Doors			
01	02	03	04	05	06	07	08
(See Table F)	(See Table G)	(See Table H)	(See Table I)	(See Table J)	(See Table K)	(See Table L)	COMPLIES
Yes		Yes			Yes		

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. ROOF ASSEMBLY SCHEDULE

This table demonstrates compliance for prescriptive roof assembly requirements in 140.3(a)1B/ 170.2(a)1B for new construction, 141.0(a)/ 180.1 for additions, or 141.0(b)2Bii/ 180.2 for alterations,

01	Indicate roof types included in the project:	☒ Framed	☐ Framed-Multifamily	☐ SIPS	☒ Span Deck & Concrete	☐ Metal Panels	☐ Metal Building

Framed Roof Assemblies		
01	☐	Include Framed Roof Assemblies in Area-Weighted Average U-factor Calculation[1]

F. ROOF ASSEMBLY SCHEDULE

Framed Roof Assemblies

02	03	04	05	06
Tag/Plan Detail ID	Name/Description	Status	Exception to Roof Insulation Requirements in §141.0(b)2Biii (Alts. Only)	Occupancy Type
A7.00-4	R2 PVC ROOF	Altered	No exception applies	Nonresidential/ Relocatable 1 CZ

07	08	09	10	11	12	13	14	15		16
Tag/Plan Detail ID	How Design U-factor was determined	Roof Type & Frame Material	Frame Spacing Depth	Cavity Insulation per Design[2]	Continuous Insulation per Design[2]	Thermal Performance Unit	Required Thermal Performance[3]	U-factor per Design		Net Area[4] ft²
A7.00-4					R-23	R-value	R-23	per JA4		
								per Software/ Other		

[1]FOOTNOTES: If any individual assembly is non-compliant, assemblies may show compliance using an area-weighted calculation. Metal building roofs may not be combined with other roof types. The area-weighted compliance option is not available for alterations demonstrating compliance with R-values in Table 141.0-C.
[2] For alterations using U-factor as the Thermal Performance Unit, at least R-10 insulation must be above deck.
[3] If "R-value" is shown in cell 13 as the Thermal Performance Unit, the R-value shown here is for continuous insulation per Table 141.0-C.
[4] Roof area minus any fenestration/ skylight area

Span Deck And Concrete Roof Assemblies

01	☐	Include Span Deck and Concrete Roof Assemblies in Area-Weighted Average U-factor Calculation[1]

02	03	04	05	06
Tag/Plan Detail ID	Name/Description	Status	Exception to Roof Insulation Requirements in 141.0(b)2Biii (Alts. Only)	Occupancy Type
A7.00-1	R1 METAL ROOF	Altered	No exception applies	Nonresidential/ Relocatable 1 CZ

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BID SET

SHEET TITLE
TITLE 24

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F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

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
HP-1	>=65,000 and <135,000	47 °Fdb/ 43 °Fwb OSA	COP	3.4	4.22	EER IEER	10.8 12	13.5 12

G. PUMPS

This section does not apply to this project.

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	FCU-1	Quantity	2	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	1,400	Site Elevation	2,638	Economizer	NA: Altered other than packaged AC or HP <54 kBtu/h
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 (watt/cfm)	Fan Allowance (watt/cfm)[3]	Design Electrical Input Power Method			Motor Nameplate Horsepower	Fan Electrical Input Power (kW)
FCU-1, FCU-2	Supply	1	Altered:Supply Fan System			100			0.139	0.139	Default per Table 140.4-D/141.0-D			<1	0.96
Supply Fan Base Allowance (watt/cfm)			Exhaust/Return/Relief/Transfer Fan Base Allowance(watt/cfm)						Fan System Allowance (kW)[3]				Fan System Electrical Input Power (kW)		0.96

[1] FOOTNOTES: Fans serving spaces with design background noise goals below NC35
[2] Low-turndown single-zone VAV fan system must be capable of and configured to reduce airflow to 50 percent of design airflow and use no more than 30 percent of the design wattage at that airflow. No more than 10 percent of the design load served by the equipment shall have fixed loads.
[3] Fan system allowance includes fan system base allowance.
[4] Filter pressure loss can only be counted once per fan system.
[5] Complex Fan System means a fan system that combines a single cabinet fan system with other supply fans, exhaust fans, or both.
[6] Computer room economizers must meet requirements of 140.9(a) and will be documented on the NRCC-PRC-E document.

H. EXHAUST AIR HEAT RECOVERY 140.4(q), 170.2(c)4O

01	02	03	04	05	06	07	08	09	10	11

H. EXHAUST AIR HEAT RECOVERY 140.4(q), 170.2(c)4O

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
FCU-1	2	< 8,000	1,400	650	46	No Exemptions Apply	Not Required			

Fan Energy Index (FEI)

01	02	03
Name or Item Tag	FEI Exception	FEI
FCU-1, FCU-2	Altered Fan System	

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)2E 180.2(b)2 for altered space conditioning systems.

01	02	03	04	05	06	07	08	09	10
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	Thermostats 110.2(b) & (c)[1], 120.2(a) 160.3(a)2A 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(b) & 160.3(a)2B	Supply Air Temp. Reset 140.4(f) & 170.2(c)4D	Window Interlocks per 140.4(n) & 170.2(c)4D	Direct Digital Control (DDC) per 120.2
AHU Controls	Multi-zone	<= 25,000 ft²	Setback + DR Tstat per 110.12	Auto Timer Switch	Auto Timer Switch	DR Tstat per 110.12	Included	NA: No operable windows	Provided

[1] FOOTNOTE: 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.

A. GENERAL INFORMATION

01	Project Location (city)	North Fork	04 Total Conditioned Floor Area	2770
02	Climate Zone	16	05 Total Unconditioned Floor Area	1500
03	Occupancy Types Within Project:		06 # of Stories (Habitable Above Grade)	1

● Library ● Office

B. PROJECT SCOPE

This table Includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b) or 141.0(b)2 and 180.2(b)2 for alterations.

01 Air System(s)	02 Wet System Components	03 Dry System Components
☒ Heating Air System	☐ Water Economizer	☐ Air Economizer
☒ Cooling Air System	☐ Pumps	☐ Electric Resistance Heat
Mechanical Controls	☐ System Piping	☒ Fan Systems
☐ Mechanical Controls (existing to remain, altered or new)	☐ Cooling Towers	☒ Ductwork (existing to remain, altered or new)
	☐ Chillers	☒ Ventilation
	☐ Boilers	☐ Zonal Systems/ Terminal Boxes

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	System Controls 110.2, 120.2, 140.4(f), 170.2(c)	AND	Ventilation 120.1, 160.2	AND	Terminal Box Controls 140.4(d), 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		COMPLIES with Exceptional Conditions
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.

The permit applicant has indicated on Table J that ventilation calculations have been attached or included elsewhere on the plans.

The permit applicant has indicated on Table J that natural ventilation is being utilized to meet ventilation requirements. Additional documentation may be requested by the Authority Having Jurisdiction demonstrating compliance for natural ventilation design.

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 System Name	02 Quantity	03 System Serving	04 System Status	05 Space Type	06 Utilizing Recovered Heat
HP-1	1	Multi-zone			☐

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)3aii	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[2,3]			Cooling Output[2,3]		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)
HP-1	Unitary Heat Pumps (no elec. resistance)	Air-cooled, split (3 phase)	Yes	103	103	0	92	92	103	92

[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.
[2] It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tables.
[3] If equipment is heating only, leave cooling output and load blank. If equipment is cooling only, leave heating output and load blank.
[4] Authority Having Jurisdiction may ask for load calculations used for compliance per 140.4(b) and 170.2(c).

Envelope Mandatory Measures:

110.6(a)1 MANUFACTURED FENESTRATION PRODUCT AND EXTERIOR DOOR AIR LEAKAGE
MANUFACTURED FENESTRATION PRODUCTS AND EXTERIOR DOORS SHALL HAVE AIR INFILTRATION RATES CERTIFIED BY THE MANUFACTURER NOT EXCEEDING 0.3 CFM/FT²OF WINDOW AREA, 0.3 CFM/FT²OF DOOR AREA FOR NONRESIDENTIAL SINGLE DOORS (SWINGING AND SLIDING), AND 1.0 CFM/FT²FOR NONRESIDENTIAL DOUBLE DOORS (SWINGING), WHEN TESTED ACCORDING TO NFRC-400 OR ASTM E283 AT A PRESSURE DIFFERENTIAL OF 75 PASCALS.

110.6(a)2-4 MANUFACTURED FENESTRATION PRODUCT AND EXTERIOR DOOR RATING
ALL MANUFACTURED FENESTRATION PRODUCTS AND EXTERIOR DOORS SHALL BE RATED FOR U-FACTOR ACCORDING TO NFRC PROCEDURES OR USE THE DEFAULT FENESTRATION VALUES IN TABLE 110.6-A AND DOOR VALUES IN JA4.5.

ALL MANUFACTURED FENESTRATION PRODUCTS AND EXTERIOR DOORS SHALL BE RATED FOR SHGC ACCORDING TO NFRC PROCEDURES OR USE THE DEFAULT VALUES IN TABLE 110.6-B.

ALL MANUFACTURED FENESTRATION PRODUCTS SHALL BE RATED FOR VT ACCORDING TO NFRC PROCEDURES.

110.6(a)5 MANUFACTURED FENESTRATION PRODUCT AND EXTERIOR DOOR LABELING
ALL MANUFACTURED FENESTRATION PRODUCTS AND EXTERIOR DOORS USING THE COMPONENT MODELING APPROACH (cma) SHALL BE LABELED ACCORDING TO 110.6(a)5.

110.7 EXTERIOR JOINTS
ALL EXTERIOR JOINTS, PENETRATIONS, AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED.

110.8(a) INSULATION CERTIFICATION
INSTALLED INSULATION SHALL BE CERTIFIED BY THE DEPARTMENT OF CONSUMER AFFAIRS PER TITLE 24, PART 12, CHAPTERS 12-13, ARTICLE 3 "STANDARDS FOR INSULATING MATERIAL."

110.8(b) UREA FORMALDEHYDE INSULATION
UREA FORMALDEHYDE INSULATION SHALL NOT BE INSTALLED UNLESS IN EXTERIOR SIDE WALLS WITH A FOUR-MIL-THICK PLASTIC SHEATHING VAPOR RETARDER INSTALLED BETWEEN THE UREA FORMALDEHYDE FOAM INSULATION AND THE INTERIOR SPACE.

110.8(c) INSULATING MATERIAL
ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF THE CALIFORNIA BUILDING CODE

110.8(j) RADIANT BARRIER:
RADIANT BARRIERS SHALL HAVE EMITTANCE <=.05, TESTED ACCCORDING WITH ASTM C1371 OR ASTM E408, CERTIFIED BY TITLE 24 PART 12

Envelope Mandatory Measures:

120.7(a) ROOF/CEILING INSULATION:
WEIGHTED AVERAGE U-FACTOR OF ROOF ASSEMBLY SHALL BE:
<=0.098 FOR METAL BUILDING
<=0.075 FOR WOOD FRAMED AND OTHER TYPES

INSULATION PLACEMENT SHALL BE PER §120.7(a)3 REQUIREMENTS:
120.7(a)3A SHALL BE IN DIRECT CONTACT WITH ROOF OR CEILING SEALED TO LIMIT INFILTRATION AND EXFILTRATION.
120.7(a)3B WHEN INSULATION IS INSTALLED AT ROOF, FIXED VENTS SHALL NOT BE INSTALLED, UNLESS IT IS CONSIDERED ATTIC SPACE.
120.7(a)3C SHALL NOT BE INSTALLED ON SUSPENDED CEILINGS UNLESS ITS 2000 FT2 OR LESS AND THERE IS MORE THAN 12 FT BETWEEN ROOF AND CEILING.
NOTE: ASSEMBLY OPTIONS CAN BE FOUND IN REFERENCE JOINT APPENDIX JA4

120.7(b)1-6 WALL INSULATION:
OPAQUE PORTIONS OF WALLS SEPARATING CONDITIONED SPACE FROM UNCONDITIONED SPACES OR AMBIENT AIIR SHALL MEET THE FOLLOWING:
METAL BUILDING: WEIGHTED AVERAGE U-FACTOR OF WALL ASSEMBLY <=0.113
METAL FRAMED: WEIGHTED AVERAGE U-FACTOR OF WALL ASSEMBLY <=0.151
LIGHT MASS WALLS: U-FACTOR FOR 6" OR GREATER HOLLOW CORE CONCRETE MASONRY UNIT <=0.440
HEAVY MASS WALLS: U-FACTOR FOR 8" OR GREATER HOLLOW CORE CONCRETE MASONRY UNIT <=0.690
WOOD FRAMED AND OTHER TYPES: WEIGHTED AVERAGE U-FACTOR OF WALL ASSEMBLY <=0.110
SPANDREL PANELS AND CURTAIN WALLS: WEIGHTED AVERAGE U-FACTOR OF WALL ASSEMBLY <=0.280
NOTE: ASSEMBLY OPTIONS CAN BE FOUND IN REFERENCE JOINT APPENDIX JA4

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DEHGHANI
No. M36987
Exp. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
TITLE 24

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the 2022 CBC
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2023.12
SHEET NUMBER
M9.01

2/17/2026 8:46:56 PM

Space Conditioning Mandatory Measures:

120.2(j) DIRECT DIGITAL CONTROLS (DDC)
DDC TO THE ZONE SHALL BE PROVIDED AS SPECIFIED BY TABLE 120.2-A. THE DDC SYSTEM SHALL MEET CONTROL LOGIC REQUIREMENTS OF 120.1(D), 110.12(a) AND 110.12(b) AND BE CAPABLE OF ALL OF THE FOLLOWING:

1. MONITORING ZONE AND SYSTEM DEMAND FOR FAN PRESSURE, PUMP PRESSURE, HEATING AND COOLING
2. TRANSFERRING ZONE AND SYSTEM DEMAND INFORMATION FROM ZONES TO AIR DISTRIBUTION SYSTEM CONTROLLERS AND FROM AIR DISTRIBUTION SYSTEMS TO HEATING AND COOLING PLANT CONTROLLERS
3. AUTOMATICALLY DETECTING THE ZONES AND SYSTEMS THAT MAY BE EXCESSIVELY DRIVING THE RESET LOGIC AND GENERATE AN ALARM OR OTHER INDICATION TO THE SYSTEM OPERATOR
4. READILY ALLOW OPERATOR REMOVAL OF ZONE(S) FROM THE RESET ALGORITHM
5. FOR NEW BUILDINGS, TRENDING AND GRAPHICALLY DISPLAYING INPUT AND OUTPUT POINTS
6. RESETTING HEATING AND COOLING SETPOINTS IN ALL NON-CRITICAL ZONES UPON RECEIPT OF A SIGNAL FROM A CENTRALIZED CONTACT OR SOFTWARE POINT AS DESCRIBED IN 110.12(b)

120.2(k) OPTIMUM START/STOP CONTROLS
SPACE-CONDITIONING SYSTEMS WITH DDC TO THE ZONE SHALL HAVE OPTIMUM START/STOP CONTROLS. CONTROL ALGORITHM SHALL, AS A MINIMUM, BE A FUNCTION OF THE DIFFERENCE BETWEEN SPACE TEMPERATURE AND OCCUPIED SETPOINT, OUTDOOR AIR TEMP, AND AMOUNT OF TIME PRIOR TO SCHEDULED OCCUPANCY.

MASS RADIANT FLOOR SLAB SYSTEMS SHALL INCORPORATE FLOOR TEMPERATURE ONTO THE OPTIMUM START ALGORITHM.

120.4 AIR DISTRIBUTION SYSTEM DUCTS AND PLENUMS
PORTIONS OF SUPPLY- AND RETURN-AIR DUCTS CONVEYING HEATED OR COOLED AIR LOCATED IN ONE OR MORE OF THE FOLLOWING SPACES SHALL BE INSULATED TO A MINIMUM INSTALLED LEVEL OF R-8:

- OUTDOORS
- IN A SPACE BETWEEN THE ROOF AND AN INSULATING CEILING
- IN A SPACE DIRECTLY UNDER A ROOF WITH FIXED VENTS OR OPENINGS TO THE OUTSIDE OR UNCONDITIONED SPACES
- UNCONDITIONED SPACES, SUCH AS UNCONDITIONED CRAWLSPACE

PORTIONS OF SUPPLY-AIR DUCTS THAT ARE NOT IN ONE OF THESE SPACES, INCLUDING DUCTS BURIED IN CONCRETE SLAB, SHALL BE INSULATED TO A MINIMUM INSTALLED LEVEL OF R-4.2 (OR ANY HIGHER LEVEL REQUIRED BY CMC 605.0), OR BE ENCLOSED IN DIRECTLY CONDITIONED SPACE.

Space Conditioning Mandatory Measures:

120.4(b) DUCT AND PLENUM MATERIALS
120.4(b) FACTORY-FABRICATED DUCT SYSTEMS MUST:

- COMPLY WITH UL 181 FOR DUCTS AND CLOSURE SYSTEMS AND BE LABELED AS COMPLYING WITH UL 181
- ALL PRESSURE SENSITIVE TAPES, HEAT ACTIVATED TAPES, AND MASTICS USED IN MANUFACTURE OF RIGID FIBERGLASS DUCTS SHALL COMPLY WITH UL 181 AND UL 181A
- ALL PRESSURE SENSITIVE TAPES, AND MASTICS USED IN MANUFACTURE OF FLEXIBLE DUCTS SHALL COMPLY WITH UL 181 AND L 181B
- JOINTS AND SEAMS SHALL NOT BE SEALED WITH CLOTH BACK RUBBER ADHESIVE DUCT TAPES UNLESS COMBINED WITH MASTICS AND DRAWBANDS.

FIELD-FABRICATED DUCT SYSTEMS:

- FACTORY-MADE RIGID FIBERGLASS AND FLEXIBLE DUCTS FOR FIELD-FABRICATED DUCT SYSTEMS SHALL COMPLY WITH UL 181. ALL CLOSURE SYSTEMS, INCLUDING PRESSURE SENSITIVE TAPES, MASTICS, AND AEROSOL SEALANTS, SHALL MEET THE APPLICABLE REQUIREMENTS OF UL 181, UL 181A AND UL 181B.
- MASTIC SEALANTS SHALL:
  - COMPLY WITH APPLICABLE REQUIREMENTS OF UL 181, UL 181A, AND UL 181B AND BE NONTOXIC AND WATER RESISTANT.
  - PASS ASTM C731 AND D2202, IF USED IN BUILDING INTERIOR,
  - PASS ASTM C731, C732, AND D2202, IF USED ON EXTERIOR.
  - SEALANTS AND MESHES SHALL BE RATED FOR EXTERIOR USE.
- PRESSURE SENSITIVE TAPES SHALL COMPLY WITH APPLICABLE REQUIREMENTS IN UL 181, UL 181A, AND UL 181B.
- JOINTS AND SEAMS SHALL NOT BE SEALED WITH CLOTH BACK RUBBER ADHESIVE DUCT TAPES UNLESS COMBINED WITH MASTICS AND DRAWBANDS.
- DRAWBANDS USED WITH FLEXIBLE DUCTS SHALL:
  - BE EITHER STAINLESS STEEL WORM-DRIVE HOSE CLAMPS OR UV-RESISTANT NYLON DUCT TIES
  - HAVE A MINIMUM TENSILE STRENGTH RATING OF 150 LBS.
  - BE TIGHTENED AS RECOMMENDED BY THE MANUFACTURER
- AEROSOL SEALANT CLOSURES SHALL:
  - MEET REQUIREMENTS OF UL 723 AND BE APPLIED ACCORDING TO MANUFACTURER SPECIFICATIONS
  - TAPES OR MASTICS USED IN COMBINATION WITH AEROSOL SEALING SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF UL 181, UL 181A, AND UL 181B, ASTM C731, C732 AND D2202.

120.4(c)
ALL DUCT INSULATION PRODUCT R-VALUES SHALL BE BASED ON INSULATION ONLY AND TESTED IN ACCORDANCE WITH ASTM C518 OR ASTM C177 AND CERTIFIED PER §110.8.

120.4(d)
INSTALLED THICKNESS OF DUCT INSULATION USED TO DETERMINE ITS R-VALUE SHALL BE DETERMINED AS FOLLOWS:

- DUCT BOARD, LINER, AND FACTORY-MADE RIGIDS: USE NOMINAL INSULATION THICKNESS
- DUCT WRAP: USE 75% (25% COMPRESSION) OF NOMINAL THICKNESS
- FACTORY-MADE FLEXIBLE AIR DUCTS: DIVIDE THE DIFFERENCE BETWEEN THE ACTUAL OUTSIDE DIAMETER AND NOMINAL INSIDE DIAMETER BY TWO.

120.4(e)
INSULATED FLEXIBLE DUCT PRODUCTS INSTALLED TO MEET THIS REQUIREMENT MUST INCLUDE LABELS (MAX INTERVALS OF 3 FT) SHOWING THERMAL RESISTANCE PERFORMANCE R-VALUE FOR THE DUCT INSULATION ITSELF BASED ON TESTS IN 120.4(c). AND INSTALLED THICKNESS DETERMINED BY 120.4(d)3.

Space Conditioning Mandatory Measures:

120.4(f) PROTECTION OF INSULATION
INSULATION SHALL BE PROTECTED FROM DAMAGE BY SUNLIGHT, MOISTURE, EQUIPMENT MAINTENANCE AND WIND. CELLULAR FOAM INSULATION SHALL BE PROTECTED, OR BE PAINTED WITH A WATER RETARDANT COATING THAT PROVIDES SHIELDING FROM SOLAR RADIATION.

Space Conditioning Mandatory Measures:

110.2 CERTIFICATION BY MANUFACTURERS
ANY SPACE CONDITIONING EQUIPMENT LISTED IN §110.2 SHALL ONLY BE INSTALLED IF CERTIFIED TO THE ENERGY COMMISSION TO MEET ALL APPLICABLE §110.2 REQUIREMENTS.

110.2(a) SPACE CONDITIONING EQUIPMENT EFFICIENCY
EQUIPMENT SHALL MEET APPLICABLE EFFICIENCY REQUIREMENTS IN TABLE 110.2-A THROUGH TABLE 110.2-N.

110.5 PILOT LIGHTS PROHIBITED FOR NATURAL GAS EQUIPMENT
PILOT LIGHTS ARE PROHIBITED ON NATURAL GAS FAN-TYPE CENTRAL FURNACES, POOL HEATERS, SPA HEATERS, AND FIREPLACES.

110.8(a) INSULATION CERTIFICATION
INSTALLED INSULATION SHALL BE CERTIFIED BY THE DEPARTMENT OF CONSUMER AFFAIRS PER TITLE 24, PART 12, CHAPTERS 12-13, ARTICLE 3 "STANDARDS FOR INSULATING MATERIAL."

110.8(b) UREA FORMALDEHYDE INSULATION
UREA FORMALDEHYDE INSULATION SHALL NOT BE INSTALLED UNLESS IN EXTERIOR SIDE WALLS WITH A FOUR-MIL-THICK PLASTIC POLYETHYLENE VAPOR RETARDER OR EQUIVALENT PLASTIC SHEATHING VAPOR RETARDER INSTALLED BETWEEN THE UREA FORMALDEHYDE FOAM INSULATION AND THE INTERIOR SPACE.

110.8(c) INSULATING MATERIAL
ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF THE CALIFORNIA BUILDING CODE.

110.8(d) DUCTS
IF INSULATION IS INSTALLED ON AN EXISTING SPACE-CONDITIONING DUCT, IT SHALL COMPLY WITH SECTION 604.0 OF THE CMC.

120.1(a) GENERAL VENTILATION AND INDOOR AIR QUALITY REQUIREMENTS
ALL OCCUPIABLE SPACES IN HOTEL/MOTEL AND NONRESIDENTIAL BUILDINGS OTHER THAN HEALTHCARE SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF §120.1(a) THROUGH (g). THE REQUIRED OUTDOOR AIR VENTILATION RATE AND AIR-DISTRIBUTION SYSTEM DESIGN SHALL BE CLEARLY IDENTIFIED ON THE PLANS.

120.1(c)2 NATURAL VENTILATION
NATURALLY VENTILATED SPACES SHALL BE DESIGNED IN ACCORDANCE WITH 120.1(c)2A THROUGH 120.1(c)2C AND INCLUDE A MECHANICAL VENTILATION SYSTEMS DESIGNED IN ACCORDANCE WITH 120.1(c)3.

120.1(c)3 MECHANICAL VENTILATION
OCCUPIABLE SPACES SHALL BE VENTILATED WITH A MECHANICAL VENTILATION SYSTEM CAPABLE OF PROVIDING AN OUTDOOR AIRFLOW RATE (V_{ot}) TO THE ZONE NO LESS THAN EQUATION 120.1-F.

120.1(d) TIMES OF OCCUPANCY
MINIMUM OUTDOOR AIR RATE SHALL BE MET AT TIMES WHEN THE SPACE IS USUALLY OCCUPIED IN ACCORDANCE WITH 120.1(c).

120.1(d)2 PRE-OCCUPANCY
THE LESSER OF THE MINIMUM RATE OF OUTDOOR AIR REQUIRED BY SECTION 120.1(c) OR THREE COMPLETE AIR CHANGES SHALL BE SUPPLIED TO THE ENTIRE BUILDING DURING THE 1-HOUR PERIOD IMMEDIATELY BEFORE THE BUILDING IS NORMALLY OCCUPIED.

Space Conditioning Mandatory Measures:

120.1(d)3 REQUIRED DEMAND CONTROL VENTILATION
DCV CONTROLS ARE REQUIRED FOR A SPACE WITH A DESIGN OCCUPANCY DENSITY >= 25 PEOPLE/1,000 FT2 IF THE SYSTEM SERVING THE SPACE HAS ONE OR MORE OF THE FOLLOWING

- AN AIR ECONOMIZER
- MODULATING OUTSIDE AIR CONTROL
- DESIGN OUTDOOR AIRFLOW RATE > 3,000 CFM

120.1(f) DESIGN AND CONTROL REQUIREMENTS FOR QUANTITIES OF OUTDOOR AIR
120.1(f)1 ALL MECHANICAL VENTILATION AND SPACE-CONDITIONING SYSTEMS SHALL BE DESIGNED WITH AND HAVE INSTALLED DUCTWORK, DAMPERS, AND CONTROLS TO ALLOW OA RATES TO BE OPERATED AT NO LESS THAN THE LARGER OF: 120.1(c)3 MINIMUMS OR THE RATE REQUIRED FOR MAKE-UP OF EXHAUST SYSTEMS FOR AN EXEMPT OR COVERED PROCESS, CONTROL OF ODORS, OR CONTAMINANT REMOVAL IN A SPACE.

120.1(f)3 MEASURED OA RATES OF CONSTANT VOLUME SYSTEMS SHALL BE TESTED TO CONFIRM THEIR ABILITY TO OPERATE WITHIN 10% OF THE DESIGN MINIMUM OUTSIDE AIR RATE.

120.1(g) AIR CLASSIFICATION AND RECIRCULATION LIMITATIONS
AIR CLASSIFICATION AND RECIRCULATION LIMITATIONS OF AIR SHALL BE BASED ON TABLE 120.1-A OR TABLE 120.1-C, AND IN ACCORDANCE WITH 120.1(g)1 THROUGH 4.

120.2(a) THERMOSTAT CONTROLS
HEATING AND COOLING SUPPLY TO EACH SPACE-CONDITIONING ZONE OR DWELLING UNIT SHALL BE CONTROLLED BY AN INDIVIDUAL THERMOSTATIC CONTROL THAT RESPONDS TO TEMPERATURE IN THE ZONE AND MEETS 120.2(b) REQUIREMENTS.

120.2(b) ZONAL THERMOSTAT CONTROLS
120.2(b)1 BEING SET TO 55 °F OR LOWER, WHEN CONTROLLING HEATING
120.2(b)2 BEING SET UP TO 85 °F OR HIGHER, WHEN CONTROLLING COOLING
120.2(b)3 PROVIDING A TEMPERATURE RANGE, OR DEAD BAND OF AT LEAST 5 °F WITHIN WHICH HEATING AND COOLING TO THE ZONE IS SHUT OFF OR REDUCED TO A MINIMUM.

120.2(e)1 AUTOMATIC SHUT-OFF FOR SPACE-CONDITIONING SYSTEMS
EACH SPACE-CONDITIONING SYSTEM SHALL BE INSTALLED WITH ONE OF THE FOLLOWING CONTROLS CAPABLE OF AUTOMATICALLY SHUTTING OFF THE SYSTEM DURING PERIODS OF NONUSE:

- AUTOMATIC TIME SWITCH CONTROL PER 110.9, WITH ACCESSIBLE MANUAL OVERRIDE ALLOWING SYSTEM OPERATION FOR UP TO 4 HOURS, OR
- AN OCCUPANCY SENSOR, OR
- A 4-HOUR TIMER THAT CAN BE MANUALLY OPERATED.

120.2(e)2 AUTOMATIC RESTART FOR SPACE-CONDITIONING SYSTEMS
EACH SPACE-CONDITIONING SYSTEM SHALL BE INSTALLED WITH CONTROLS THAT SHALL AUTOMATICALLY RESTART AND TEMPORARILY OPERATE THE SYSTEM AS REQUIRED TO MAINTAIN:

- 120.2(e)2A A SETBACK HEATING THERMOSTAT SETPOINT IF THE SYSTEM PROVIDES MECHANICAL HEATING, AND
- 120.2(e)2B A SETUP COOLING THERMOSTAT SETPOINT IF THE SYSTEM PROVIDES MECHANICAL COOLING.

120.2(f) DAMPERS FOR AIR SUPPLY AND EXHAUST EQUIPMENT
OUTDOOR AIR SUPPLY AND EXHAUST EQUIPMENT SHALL BE INSTALLED WITH DAMPERS THAT AUTOMATICALLY CLOSE UPON FAN SHUTDOWN.

Space Conditioning Mandatory Measures:

120.2(g) ISOLATION AREA DEVICES
EACH SPACE-CONDITIONING SYSTEM SERVING MULTIPLE ZONES WITH A COMBINED CONDITIONED FLOOR AREA OF MORE THAN 25,000 FT2 SHALL BE DESIGNED, INSTALLED AND CONTROLLED TO SERVE ISOLATION AREAS.

- EACH ZONE, OR COMBINATION OF ZONES <25,000 FT2, SHALL BE A SEPARATE ISOLATION AREA.
- EACH ISOLATION AREA SHALL BE PROVIDED WITH ISOLATION DEVICES, SUCH AS VALVES OR DAMPERS THAT ALLOW THE SUPPLY OF HEATING OR COOLING TO BE REDUCED OR SHUT-OFF INDEPENDENTLY OF OTHER ISOLATION AREAS.
- EACH ISOLATION AREA SHALL BE CONTROLLED BY A DEVICE MEETING THE REQUIREMENTS OF 120.2(e)1.

120.2(h) AUTOMATIC DEMAND SHED CONTROLS
SHALL MEET REQUIREMENTS IN 110.12
110.12(a) DEMAND RESPONSIVE (DR) CONTROL REQUIREMENTS:

1. EITHER CERTIFIED OPENADR 2.0a, OPENADR 2.0b VIRTUAL END NODE (VEN); OR CERTIFIED BY THE MANUFACTURER AS BEING CAPABLE OF RESPONDING TO A DR SIGNAL FROM A CERTIFIED OPENADR 2.0b VIRTUAL END NODE BY AUTOMATICALLY IMPLEMENTING THE CONTROL FUNCTIONS REQUESTED BY THE VIRTUAL END NODE FOR THE EQUIPMENT IT CONTROLS.
2. CAPABLE OF COMMUNICATING USING WI-FI, ZIGBEE, BACNET, ETHERNET, AND/OR HARD-WIRING.
3. MAY INCORPORATE AND USE ADDITIONAL PROTOCOLS BEYOND THOSE SPECIFIED IN 110.12(a)1 AND 2.
4. SHALL CONTINUE TO PERFORM ALL OTHER CONTROL FUNCTIONS PROVIDED BY THE CONTROL WHEN COMMUNICATIONS ARE DISABLED.
5. THERMOSTATS SHALL COMPLY WITH REFERENCE JOINT APPENDIX 5 (JA5)

110.12(b) NONRESIDENTIAL HVAC SYSTEMS WITH DDC TO THE ZONE LEVEL SHALL BE PROGRAMMED TO ALLOW CENTRALIZED DEMAND SHED FOR NON-CRITICAL ZONES. CONTROLS SHALL BE CAPABLE OF:

1. REMOTELY INCREASING THE OPERATING COOLING TEMPERATURE SETPOINTS BY 4 DEGREES OR MORE IN ALL NON-CRITICAL ZONES ON SIGNAL FROM A CENTRALIZED CONTACT OR SOFTWARE POINT WITHIN AN EMCS
2. REMOTELY DECREASING THE OPERATING HEATING TEMPERATURE SETPOINTS BY 4 DEGREES OR MORE IN ALL NON-CRITICAL ZONES ON SIGNAL FROM A CENTRALIZED CONTACT OR SOFTWARE POINT WITHIN AN EMCS
3. REMOTELY RESETTING THE TEMPERATURES IN ALL NON-CRITICAL ZONES TO ORIGINAL OPERATING LEVELS ON SIGNAL FROM A CENTRALIZED CONTACT OR SOFTWARE POINT WITHIN AN EMCS
4. PROVIDING AN ADJUSTABLE RATE OF CHANGE FOR THE TEMPERATURE INCREASE, DECREASE, AND RESET
5. THE FOLLOWING FEATURES:
   A. DISABLED BY AUTHORIZED FACILITY OPERATORS
   B. MANUAL CONTROL BY AUTHORIZED FACILITY OPERATORS
   C. UPON RECEIPT OF A DR SIGNAL, SPACE-CONDITIONING SYSTEMS SHALL CONDUCT A CENTRALIZED DEMAND SHED, AS SPECIFIED IN 110.12(b)1 AND 110.12(b)2, FOR NON-CRITICAL ZONES DURING THE DR PERIOD

J. VENTILATION AND INDOOR AIR QUALITY

This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1 120.2(e)3B 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and d:t24refnolink/1160.2, 160.3(a)3D, 170.2(a)4N, 170.2(a)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.

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:	Duct in M2.21	**NR/ Common Use:** Duct leakage testing shall not exceed 15% per NA7.5.3 required for these systems?	No

L. DISTRIBUTION (DUCTWORK and PIPING)

			Dwelling Units: Total duct leakage of duct system shall not exceed 15% or duct system to outside shall not exceed 10% per RA3.1.4 required for systems?	---
			Duct leakage testing per CMC Section 603.9.2 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 ft^2 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	No	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	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A		
18	No	All ductwork is an extension of an existing duct system		
19	No	Ductwork serving individual dwelling unit		
20		< 25 ft of new or replacement space conditioning ducts installed		
21	R-8	Duct Insulation R-value		
22	No	Ductwork Existing To Remain		
23	Yes	Duct System Connected To Altered Space Conditioning System		

M. COOLING TOWERS

This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4

Form/Title
NRCI-MCH-01-E - Must be submitted for all buildings

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4

Form/Title	Systems/Spaces To Be Field Verified
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.	
NRCA-MCH-16-A Supply Air Temperature Reset Controls	AHU Controls

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no NRCV forms required for this project.

Q. MANDATORY MEASURES DOCUMENTATION LOCATION

This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

01		02
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block	Yes	Plan sheet or construction document location: M0.00

JAYSON
ARCHITECTURE
587 Shotwell Street
San Francisco CA 94110
jaysonarch.com
415.317.0529

Alter Engineers
825 WASHINGTON STREET
SUITE 227
OAKLAND, CA 94607
510.474.0379

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DENGHAUS
No. M36987
Exp. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
TITLE 24

REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Code
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024.12
SHEET NUMBER
M9.02

2/17/2026 8:46:57 PM

PLUMBING ABBREVIATIONS

AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
AF	ABOVE THE FLOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR-HANDLING UNIT
ALT	ALTERNATE
AMB	AMBIENT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AP	ACCESS PANEL
ARCH	ARCHITECT, ARCHITECTURAL
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS
ASSE	AMERICAN SOCIETY OF SANITARY ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATM	ATMOSPHERE
AWWA	AMERICAN WATER WORKS ASSOCIATION
BFP	BACKFLOW PREVENTER
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNITS PER HOUR
BWV	BACK WATER VALVE
CISPI	CAST IRON SOIL PIPE INSTITUTE
CL	CENTERLINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
DB	DECIBEL
DEG	DEGREE
DEMO	DEMOLITION
DFU	DRAINAGE FIXTURE UNIT
DIA	DIAMETER
DIM	DIMENSION
DWG	DRAWING
DWV	DRAIN, WASTE AND VENT
EA	EACH
ECM	ELECTRONICALLY COMMUTATED MOTOR
EFF	EFFICIENCY
ESS	EMERGENCY SAFETY SHOWER
EEW	EMERGENCY EYEWASH
ESEW	EMERGENCY SHOWER / EYEWASH
F	FAHRENHEIT
FACP	FIRE ALARM CONTROL PANEL
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FS	FLOOR SINK
FT	FEET
GA	GAGE OR GAUGE
GAL	GALLON
GC	GENERAL CONTRACTOR
GCO	GRADE CLEANOUT
GPD	GALLONS PER DAY
GPF	GALLONS PER FLUSH
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
HP	HORSE POWER
HR	HOUR
HRS	HOURS
IE	INVERT ELEVATION
IN	INCH
IW	INDIRECT WASTE
LBS	POUNDS
LF	LINEAR FEET
ME	MECHANICAL ENGINEER
MECH	MECHANICAL
MFR	MANUFACTURER
MGD	MILLION GALLONS PER DAY
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MWP	MAXIMUM WORKING PRESSURE
NC	NORMALLY CLOSED
N/A	NOT APPLICABLE
NC	NOISE CRITERIA
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NPSHR	NET POSITIVE SUCTION HEAD REQUIRED
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN
OS&Y	OUTSIDE SCREW & YOKE (VALVE)
OZ	OUNCE
PDI	PLUMBING DRAINAGE INSTITUTE
PE	PROFESSIONAL ENGINEER
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
POC	POINT OF CONNECTION
PPM	PARTS PER MILLION
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAUGE
QTY	QUANTITY
RD	ROOF DRAIN
REV	REVISION
RWL	RAIN WATER LEADER
SAD	SEE ARCHITECTURAL DRAWING(S)
SCD	SEE CIVIL DRAWING(S)
SMD	SEE MECHANICAL DRAWING(S)
SSD	SEE STRUCTURAL DRAWING(S)
SLD	SEE LANDSCAPE ARCHITECT DRAWING(S)
SK	SINK
SCFM	CUBIC FT PER MINUTE, STANDARD CONDITIONS
SCFS	CUBIC FT PER SEC, STANDARD CONDITIONS
SH	SHOWER
SOV	SHUTOFF VALVE
SP	STANDPIPE
SPEC	SPECIFICATION
STD	STANDARD
T&P	TEMPERATURE & PRESSURE RELIEF VALVE
TD	TRENCH DRAIN
TEMP	TEMPERATURE
TYP	TYPICAL
TPV	TRAP PRIMER VALVE
UR	URINAL
VOL	VOLUME
W	WATT
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER
WM	WATER METER
WSFU	WATER SUPPLY FIXTURE UNIT
WT	WEIGHT
(E)	EXISTING
(N)	NEW
(D)	DEMO
@	AT (THE RATE OF)

PLUMBING LEGEND

PIPE & ACCESSORIES (PLANS)

- POINT OF CONNECTION
- POINT OF DISCONNECTION
- FLOOR DRAIN
- FLOOR SINK
- FLOOR CLEANOUT / GRADE CLEANOUT
- WALL CLEANOUT
- COMBINATION ROOF / OVERFLOW DRAIN
- ROOF DRAIN
- ROOF RECEPTOR
- HOSE BIBB
- LINE BREAK
- PIPE CAP
- END OF PIPE
- TEMPERATURE SENSOR
- FLEX CONNECTION
- UNION
- FLANGE
- FLOW DIRECTION
- DWV FITTING, 45° ELBOW
- DWV FITTING, 90° ELBOW
- DWV FITTING, 45° TEE
- DWV FITTING, 90° TEE
- PIPE DROP
- PIPE BRANCH, TEE UP
- PIPE BRANCH, TEE DOWN
- REVISION CLOUD AND DELTA
- EQUIPMENT TYPE (XX / XX)
- NUMBER TYPE
- DETAIL DESIGNATION (X / PX.XX)
- SHEET NUMBER

VALVES & ACCESSORIES (DIAGRAMS)

- PRESSURE REDUCING VALVE
- 2-WAY CONTROL VALVE, 2-POS
- 3-WAY CONTROL VALVE, 2-POS
- BUTTERFLY VALVE
- CHECK VALVE
- BALANCING VALVE
- FLOAT VALVE
- T&P RELIEF VALVE
- THERMOSTATIC MIXING VALVE
- SHUTOFF VALVE
- GLOBE VALVE
- WYE STRAINER
- WYE STRAINER WITH BLOW OFF
- GATE VALVE
- MANUAL AIR VENT
- PLUG VALVE
- SOLENOID CONTROL VALVE, 2-POS
- TEMP GUAGE
- PRESSURE GUAGE
- VACUUM BREAKER

SYSTEM DESIGNATIONS

CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER SUPPLY
HWR	DOMESTIC HOT WATER RETURN
SAN	SANITARY SEWER
SAN	SANITARY SEWER (UNDERFLOOR)
V	SANITARY VENT
G	NATURAL GAS
SD	STORM DRAIN
OD	OVERFLOW DRAIN
FW	FIRE PROTECTION WATER

MISCELLANEOUS SYMBOLS

- DEMOLISH EXISTING

PLUMBING GENERAL NOTES

GENERAL

1. PROVIDE ALL PIPING, VALVES, FITTINGS, AND NECESSARY APPURTENANCES FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
2. MANAGE ALL UTILITY SYSTEM SHUTDOWNS AND START-UPS, INCLUDING GAS, ELECTRICITY, AND WATER. COORDINATE WITH UTILITY COMPANIES AND OBTAIN WRITTEN APPROVAL FROM THE OWNER'S REPRESENTATIVES BEFORE PROCEEDING.
3. PROTECT ALL EXISTING SITE AND BUILDING FEATURES NOT AFFECTED BY CONSTRUCTION. REPAIR ANY DAMAGE CAUSED BY OPERATIONS AT NO COST TO THE OWNER.
4. REMOVE ALL ABANDONED EQUIPMENT, PIPING, AND APPURTENANCES.
5. COMPLY WITH ALL APPLICABLE STATE, LOCAL, AND FEDERAL CODES, AS WELL AS PROJECT SPECIFICATIONS INCLUDING BUT NOT LIMITED TO:
   - CALIFORNIA PLUMBING CODE
   - CALIFORNIA BUILDING CODE
   - CALIFORNIA ELECTRICAL CODE
   - CALIFORNIA MECHANICAL CODE
   - CALIFORNIA ENERGY CODE
   - CALIFORNIA FIRE CODE

COORDINATION WITH OTHER TRADES

1. VERIFY LOCATIONS, SIZES, AND INVERTS OF ALL EXISTING UTILITIES, INCLUDING WASTE, WATER, STORM SEWERS, AND GAS MAINS, PRIOR TO PERFORMING WORK. COORDINATE WITH UTILITY COMPANIES AND AUTHORITIES AS REQUIRED. VERIFY FIELD CONDITIONS, SERVICE CONNECTIONS, AND UTILITY LOCATIONS BEFORE COMMENCING WORK.
2. COORDINATE WITH ALL TRADES TO ENSURE ADEQUATE CLEARANCES FOR PLUMBING INSTALLATION. FOLLOW THE GENERAL ARRANGEMENT SHOWN ON THE DRAWINGS AS CLOSELY AS POSSIBLE, NOTING THAT THE DRAWINGS ARE DIAGRAMMATIC. RESOLVE ANY CONFLICTS WITH OTHER TRADES BEFORE INSTALLATION. NOTIFY THE ARCHITECT AND ENGINEER OF ANY CONFLICTS.
3. COORDINATE ALL FLOOR AND WALL CORING WITH THE ARCHITECT PRIOR TO STARTING WORK.
4. VERIFY EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND ROUGH-IN REQUIREMENTS BEFORE FABRICATION OR INSTALLATION.

VALVES AND APPURTENANCES

1. INSTALL ALL VALVES, UNIONS, AND OTHER FITTINGS TO MATCH LINE SIZES UNLESS NOTED OTHERWISE ON DRAWINGS. PROVIDE UNIONS AFTER EACH THREADED VALVE AND BEFORE EQUIPMENT CONNECTIONS.
2. INSTALL SHUT-OFF VALVES AT EACH FIXTURE AND BRANCH SHUT-OFF VALVES WHERE INDICATED. POSITION VALVE OPERATORS FOR ACCESSIBILITY. PROVIDE ONLY BALL VALVES FOR WATER SHUTOFF UNLESS OTHERWISE NOTED.
3. INSTALL SHUTOFF VALVES WITHIN REACH OF MAINTENANCE STAFF AFTER CEILINGS AND/OR WALLS ARE INSTALLED.

PIPING AND INSULATION

1. INSTALL ALL PIPING PARALLEL TO BUILDING LINES AND PROPERLY SUPPORT IT TO ACCOMMODATE THE WEIGHT OF FILLED PIPES AND THE LATERAL SEISMIC LOADS. ENSURE SUFFICIENT CLEARANCE FOR ALL PIPING TO ACCOMMODATE EXPANSION AND CONTRACTION. PREVENT DIRECT CONTACT BETWEEN PIPING AND WOOD, CONCRETE, OR OTHER MATERIALS.
2. INSTALL PIPING HIGH POINTS CLOSE TO THE BUILDING STRUCTURE TO MAINTAIN PROPER PITCH AND MAXIMIZE CEILING HEIGHT. PROVIDE AIR VENTS AT HIGH POINTS AND DRAINS AT LOW POINTS IN MAINS.
3. PREVENT FREEZING OF WATER PIPING. INSTALL ALL PIPING WITHIN THE BUILDING ENVELOPE MAINTAIN BELOW-GRADE WATER PIPING AT LEAST 6 INCHES BELOW FROST DEPTH.
4. CONCEAL ALL PIPING IN WALLS AND BEHIND FIXED FURNISHINGS UNLESS NOTED OTHERWISE. PAINT EXPOSED PIPING IN FINISHED AREAS IN ACCORDANCE WITH ARCHITECT SPECIFICATIONS AND PROVIDE CHROME ESCUTCHEONS AT ALL EXPOSED PENETRATIONS.
5. PROVIDE INSULATION AND VAPOR BARRIER ON THE FOLLOWING SYSTEMS IN ACCORDANCE WITH SPECIFICATIONS:
   - HOT WATER SUPPLY
   - HOT WATER RETURN
   - CONDENSATE
   - STORM DRAINAGE PIPING, INCLUDING DRAIN BODIES AND HORIZONTAL SECTIONS UP TO THE FIRST VERTICAL STORM LEADER

EQUIPMENT AND FIXTURES

1. PROVIDE MOTOR STARTERS UNLESS NOTED AS BEING FURNISHED BY THE ELECTRICAL CONTRACTOR. INCLUDE ALL INTERNAL OVERCURRENT PROTECTION DEVICES AND TRANSFORMERS REQUIRED FOR PACKAGED EQUIPMENT.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS, AND FINISHES OF PLUMBING FIXTURES.
3. INSTALL TRAPS AND VENTS FOR ALL FIXTURES, FLOOR DRAINS, AND FLOOR SINKS. PROVIDE TRAP PRIMERS WITH ACCESSIBLE 12"X12" ACCESS PANELS WHERE REQUIRED.

PLUMBING

NUMBER	NAME
P0.00	PLUMBING COVER SHEET
P0.01	PLUMBING SCHEDULE
P2.20	PLUMBING FLOOR PLAN - LOWER LEVEL
P2.21	PLUMBING FLOOR PLAN - UPPER LEVEL
P2.40	PLUMBING ROOF PLAN
P8.00	PLUMBING DETAILS
P9.00	TITLE 24

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825 WASHINGTON STREET
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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DENGHAM
No. M36987
Exp. 9-30-26
STATE OF CALIFORNIA

BID SET

SHEET TITLE
PLUMBING COVER SHEET

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division – Safety Assessment Building Codes
Plans Approved under the 2022 California Building Codes
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE	03/06/2026
SCALE	NTS
JOB NO.	2023.12
SHEET NUMBER	P0.00

7/25/2025 11:29:40 AM

PLUMBING FIXTURE ROUGH-IN SCHEDULE

TAG	DESCRIPTION	ROUGH-IN SIZE (INCHES)				GPM/GPF	ELEC. CONN.	MAKE/MODEL	NOTES
		SAN	V	CW	HW				
WC-1	WATER CLOSET	4	2	1	-	1.28	-	BOWL: KOHLER KINGSTON ULTRA - K-84325 VALVE: KOHLER MACH TRIPOINT K-10TH00N10	WALL MOUNT, VITREOUS CHINA, REAR DISCHARGE VALVE: SENSOR FLUSHVALVE, HYBRID ENERGY CELL, 875,000 CYCLE LIFETIME (30 YEAR) PROVIDE WATER HAMMER ARRESTOR.
LV-1	LAVATORY	2	1-1/2	1/2	-	0.5	-	BOWL: KOHLER - PINOIR K-2035-8 FAUCET: KOHLER - SCULPTED K-7514	BOWL: WALL MOUNT, VITREOUS CHINA WITH SHROUD TO CONCEAL P-TRAP FAUCET: CHROME, SENSOR, DECK MOUNTED, SINGLE HOLE, HYBRID ENERGY CELL, 875,000 CYCLE LIFETIME (30 YEAR) PROVIDE TMV-1.
MS-1	MOP SINK	3	2	3/4	3/4	-	-	BASIN: FLORESTONE - MODEL 87 FAUCET: KOHLER TRITON BOWE K-838T80-4A	TERRAZZO MOP RECEPTOR, 24"X24" STAINLESS STEEL CAP FAUCET: WALL MOUNTED, 8" CENTERS, WITH INTEGRAL VACUUM BREAKER AND SUPPLY STOPS
SK-1	SINK	2	1-1/2	1/2	-	1.5	-	SINK: STERLING - MCALLISTER - 32022 FAUCET: KOHLER RIVAL - K-30469	BOWL: STAINLESS STEEL, 18 GAUGE, UNDERMOUTN SINGLE BOWL, 5-1/2" DEPTH FAUCET: HIGH ARCH SPOUT, SINGLE LEVER, PULL-DOWN SPRAYHEAD
HB-1	HOSE BIBB	-	-	3/4	-	-	-	JR SMITH: 5673	MILD CLIMATE SILLCOCK, ROUGH FINISH BRASS BODY, REMOVABLE WHEEL HANDLE, "T" HANDLE KEY VACUUM BREAKER WITH HOSE CONNECTION, ASSE 1011
DF-1	DRINKING FOUNTAIN WITH BOTTLE FILLER	2	1-1/4	1/2	-	-	-	FIXTURE: HAWS MODEL 1011HSA	DUAL HEIGHT FOUNTAIN WITH BOTTLE FILLING STATION, ADA, VANDAL RESISTANT, STAINLESS STEEL NON REFRIGERATED, FILTERED. PROVIDE MOUNTING PLATE, STRAINER AND ALL OTHER PARTS REQUIRED FOR FULL INSTALLATION.

PLUMBING ELECTRIC WATER HEATER SCHEDULE

TAG	DESCRIPTION	LOCATION	MAKE/MODEL	CAPACITY				ELECTRICAL			OPERATING	NOTES
				STORAGE (GAL)	RECOVERY (GPH)	INPUT TEMP (°F)	OUTPUT TEMP (°F)	POWER (kW)	VOLT	PHASE	WEIGHT (LBS)	
WH-1	WATER HEATER (TANK TYPE)	JANITOR 209	AO SMITH (DEL 50)	50	23	55	130	4	208	1	535	REFER TO DETAIL 1/P8.00 FOR PIPING REQUIREMENTS AND MORE INFORMATION.

PLUMBING DRAIN AND CLEANOUT SCHEDULE

TAG	DESCRIPTION	COVER / STRAINER/TYPE	NOTES
DSN-1	DOWNSPOUT NOZZLE	4"	CAST BRONZE NOZZLE AND FLANGE JR SMITH 1770
WCO	WALL CLEANOUT	-	CAST IRON BODY CLEANOUT TEE, STAINLESS STEEL COVER. BRONZE PLUG. CLEANOUT TEE WITH ROUND WALL ACCESS COVER, JRSMITH 4532S-Y
FCO	FLOOR CLEANOUT	7-1/4" DIA	NICKEL BRONZE TOP, CAST IRON BODY JR SMITH 4020 - GASKET SEAL WITH ABS PLUG

PLUMBING MISCELLANEOUS EQUIPMENT SCHEDULE

TAG	DESCRIPTION	NOTES
TMV-1	THERMOSTATIC MIXING VALVE (POINT OF USE)	POINT OF USE, LEAD FREE 3/8" COMPRESSION INLETS/OUTLET, ASSE 1070 LEONARD 170-LF
CP-1	CIRC PUMP	DOMESTIC HOT WATER CIRCULATOR ECM CONTROLLED, 70 W, 120V/1P, 1-3 GPM @ 15 FT W.C. B&G ECOCIRC 20-18, OR EQUAL

PLUMBING DESIGN CRITERIA

DOMESTIC WATER PIPING SYSTEM:
BASIS OF DESIGN: 2022 CALIFORNIA PLUMBING CODE, APPENDIX A 'RECOMMENDED RULES FOR SIZING THE
PROVIDE COPPER TYPE L (B88) FOR SYSTEM MAINS AND BRANCHES.
WATER SUPPLY SYSTEM'. PIPING SIZED ON 4 FT/100 FT. DROP, VELOCITIES NOT TO EXCEED 8 FT./SEC. (COLD WATER)
AND NOT TO EXCEED 5 FT./SEC. (HOT WATER).

WASTE AND VENT PIPING SYSTEM:
BASIS OF DESIGN: 2022 CALIFORNIA PLUMBING CODE, CHAPTER 7, 'SANITARY DRAINAGE'.
CAST IRON WITH NO HUB COUPLINGS
ALL WASTE PIPING MAINS (4" AND LARGER) ARE SLOPED AT 1/8"/FT TO MAINTAIN EXISTING INVERTS. BRANCHES SLOPED AT 1/4"/FT.

ROOF DRAIN/STORM DRAIN PIPING SYSTEM:
BASIS OF DESIGN: 2022 CALIFORNIA PLUMBING CODE, CHAPTER 11, 'STORM DRAINAGE'.
CAST IRON WITH NO HUB COUPLINGS TO BE USED FOR WASTE AND VENT PIPING.
STORM DRAIN PIPING SIZED AT 1/8"/FT. SLOPE UNLESS OTHERWISE NOTED AND A RAINFALL RATE OF 1.5"/HR.

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jaysonarch.com
415.317.0529

Alter Engineers
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SUITE 227
OAKLAND, CA 94607
510.474.0379

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DENOVAN
No. M36987
Exp. 9-30-26
STATE OF CALIFORNIA

BID SET

SHEET TITLE
PLUMBING SCHEDULE

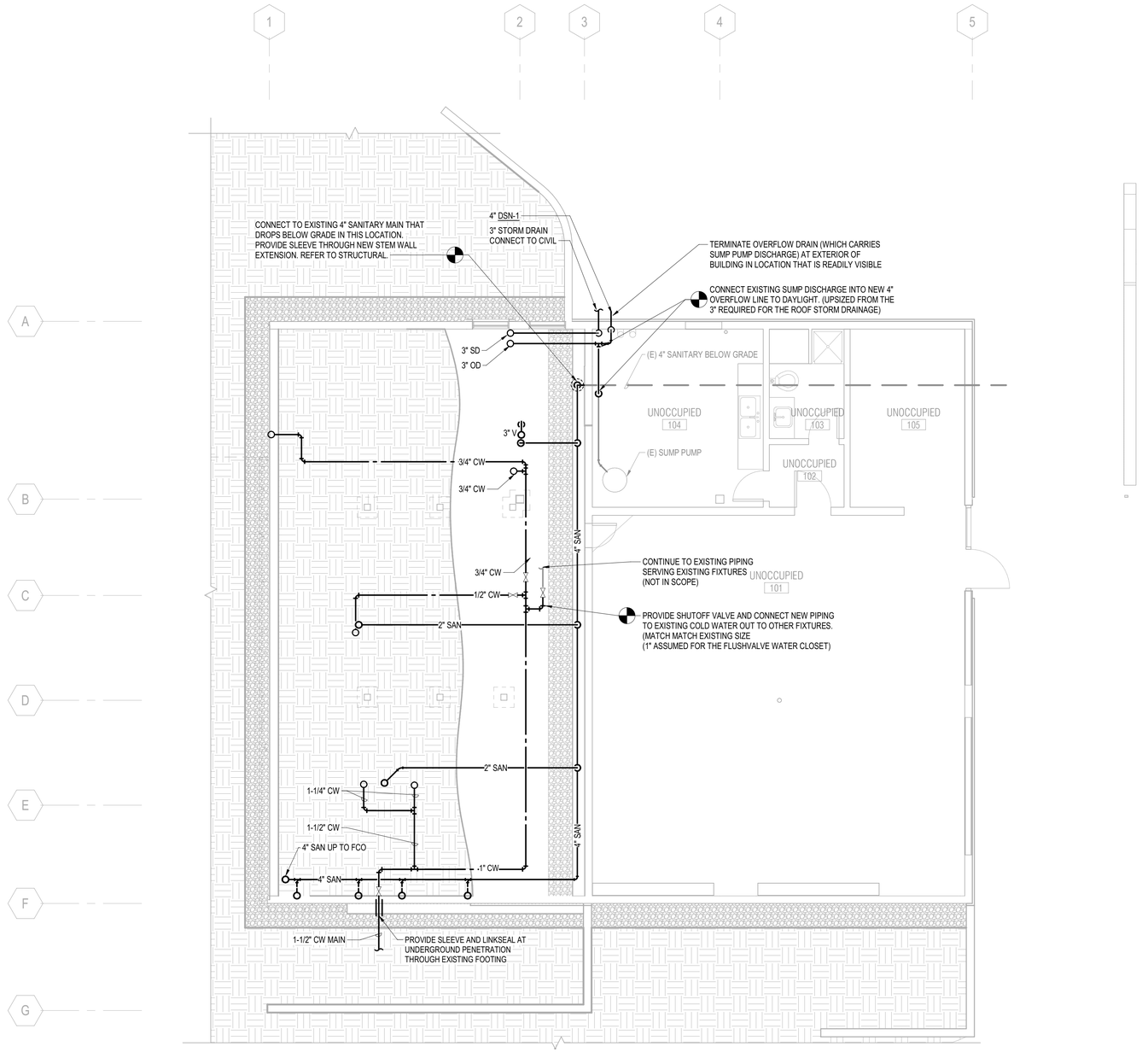
REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Codes
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2023.12
SHEET NUMBER
P0.01

7/25/2026 11:29:41 AM



GENERAL NOTES

A. DEMO ALL EXISTING DOMESTIC WATER, SANITARY SEWER, AND VENT PIPING SERVING THE FIXTURES OF THE UPPER LEVEL.

B. DEMO EXISTING DOMESTIC WATER HEATERS.

C. REFER TO PLUMBING ROUGH-IN SCHEDULE FOR SIZES OF BRANCHES TO EACH FIXTURE.

SHEET NOTES

1. -

1 P2.20 **PLUMBING - LOWER LEVEL**
3/16" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER
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No. M36987
Exp. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
PLUMBING FLOOR PLAN - LOWER LEVEL

REVISIONS

NO.	DATE	DESCRIPTION
1	TBD	PC1

County of Madera – CED Building Division – Plans Approved under the California Building Codes
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE 3/16" = 1'-0"
JOB NO. 2023.12
SHEET NUMBER **P2.20**

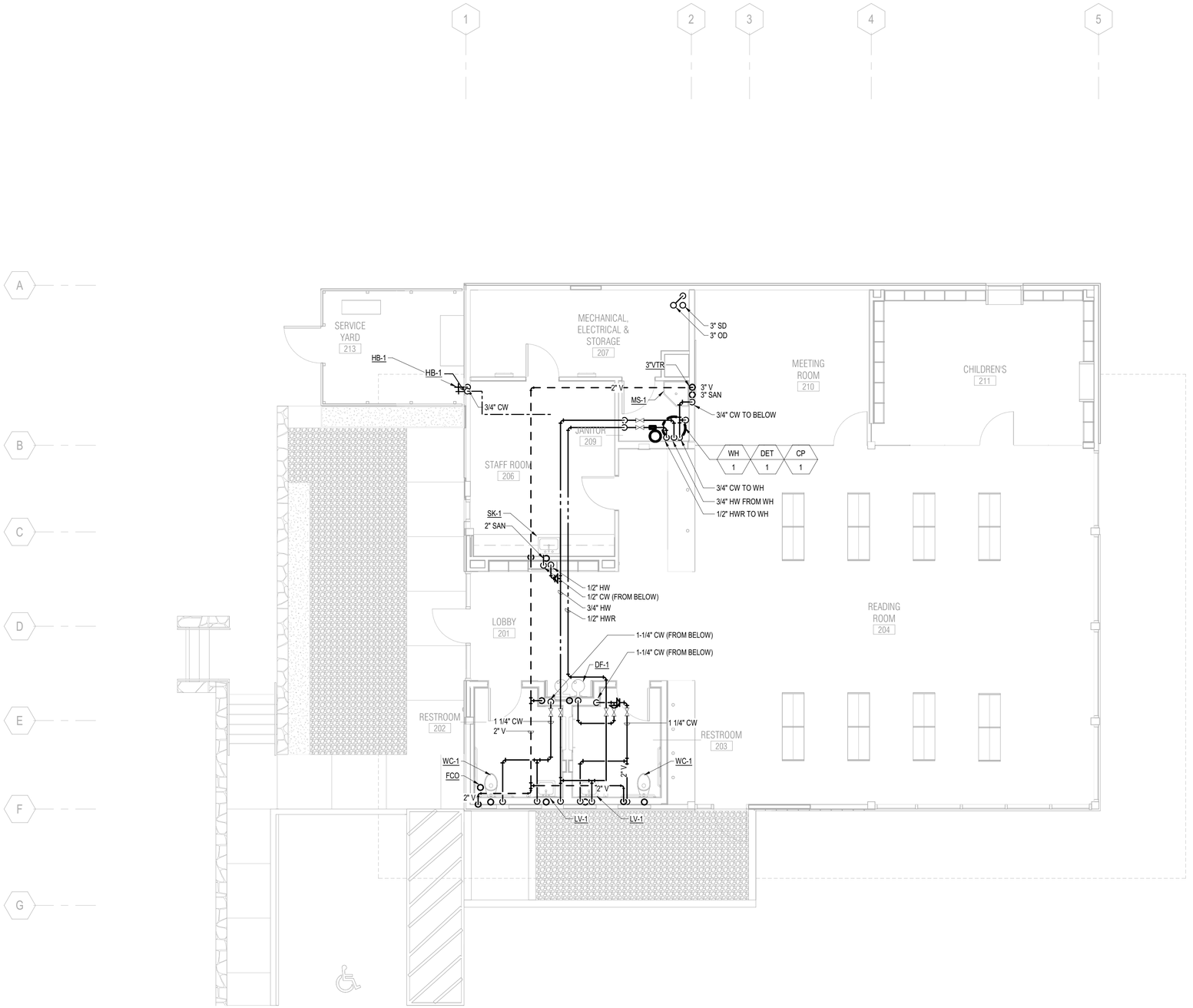
3/2/2026 2:25:07 PM

GENERAL NOTES

A. DEMO ALL EXISTING DOMESTIC WATER, SANITARY SEWER, AND VENT PIPING SERVING THE FIXTURES OF THE UPPER LEVEL.

B. DEMO EXISTING DOMESTIC WATER HEATERS.

C. REFER TO PLUMBING ROUGH-IN SCHEDULE FOR SIZES OF BRANCHES TO EACH FIXTURE.



1 P2.21 **PLUMBING - UPPER LEVEL**
3/16" = 1'-0"

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Exp. 9-30-26
STATE OF CALIFORNIA

BID SET

SHEET TITLE
PLUMBING FLOOR PLAN - UPPER LEVEL

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Plans Approved under the California Building Code
Date 03/17/26
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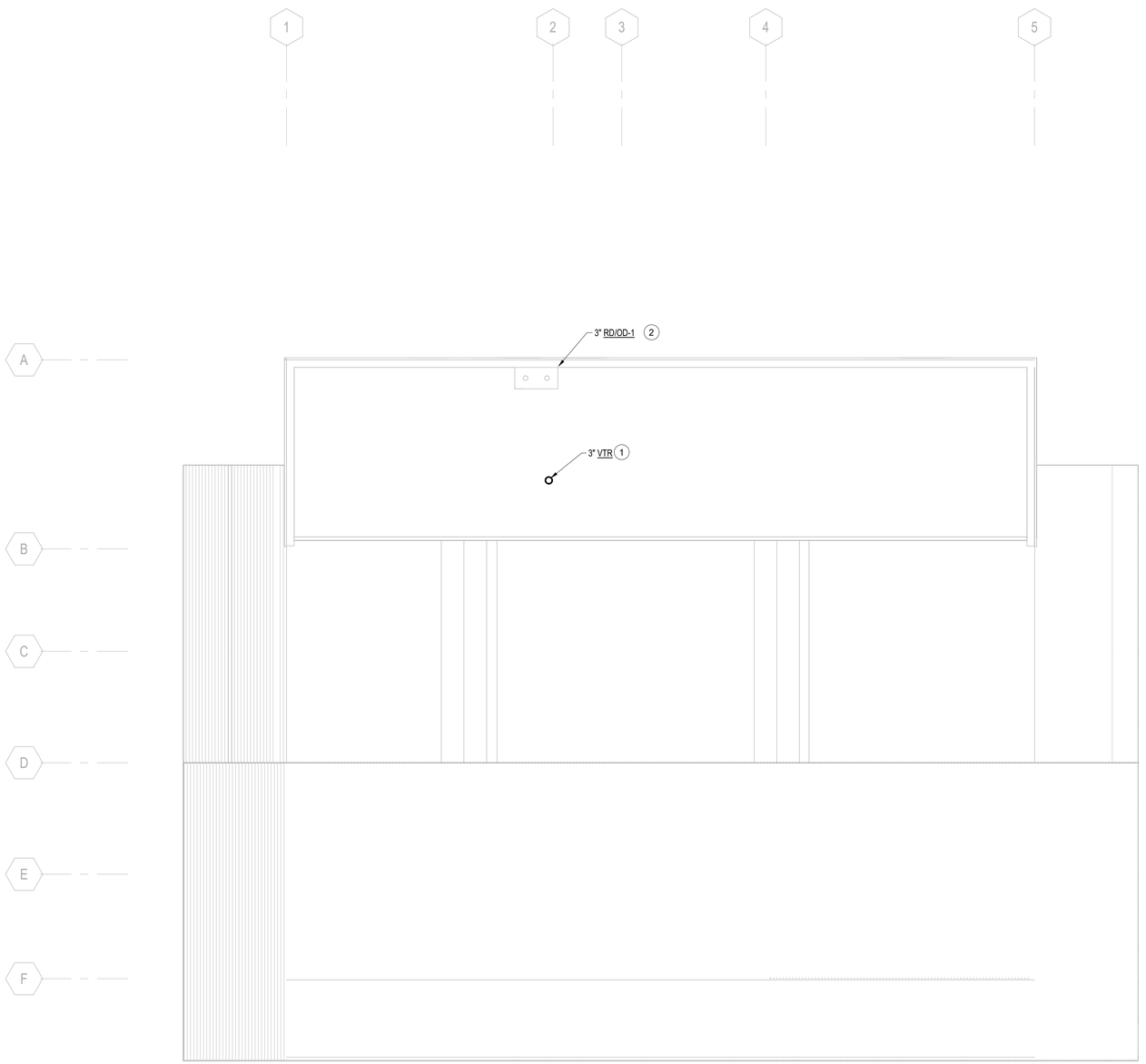
DATE	03/06/2026
SCALE	3/16" = 1'-0"
JOB NO.	2023.12
SHEET NUMBER	P2.21



GENERAL NOTES

A. UNLESS OTHERWISE NOTED, ALL ROOF DRAINAGE SHEETS OFF ROOF TO GRADE AND INTO THE CIVIL LANDSCAPE AREA / INFILTRATION AREA.

SHEET NOTES

1. SNOW RATED
2. TOTAL AREA OF DRAINAGE BASIN INTO THE ROOF DRAIN: 1,850 SF. DRAINS AND CONDUCTORS SIZED PER CPC TABLE 1101.8 FOR 1.5" PER HOUR MAXIMUM RATE OF RAINFALL.

1 P2.40 **PLUMBING - ROOF PLAN**
3/16" = 1'-0"

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NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DEHOFF
No. M36987
Exp. 9-30-26
STATE OF CALIFORNIA

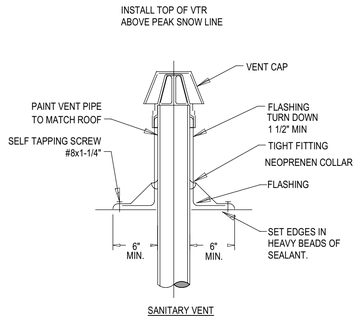
BID SET

SHEET TITLE
PLUMBING ROOF PLAN

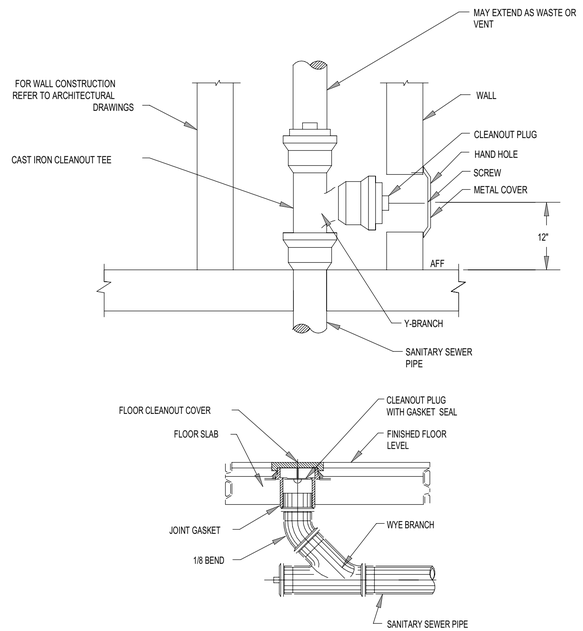
REVISIONS		
NO.	DATE	DESCRIPTION

County of Madera – CED Building Department – Building Division – Reviewed for Code Compliance
Date 03/17/26
Plans Approved under the
Subject to Field Approval. Laws, Codes and Ordinances, not valid without signature

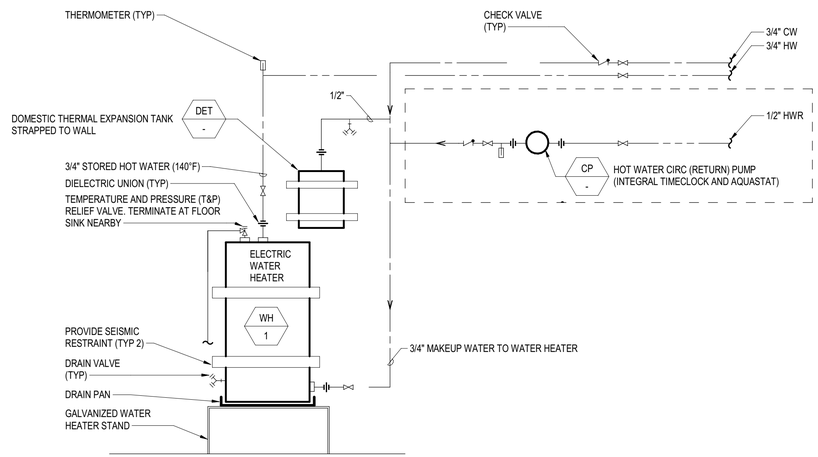
DATE 03/06/2026
SCALE 3/16" = 1'-0"
JOB NO. 2023.12
SHEET NUMBER **P2.40**



3 VENT THRU ROOF_
N.T.S.



2 CLEANOUTS
N.T.S.



1 WATER HEATER PIPING AND EQUIPMENT DETAIL
N.T.S.

7/29/2025 11:29:46 AM

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MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DEHOFF
No. M36987
Exp. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

BID SET

SHEET TITLE
PLUMBING DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
Building Plans Approved under the California Building Code
Date 03/17/26
Subject to Field Approval. Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE 12" = 1'-0"
JOB NO. 2023.12
SHEET NUMBER
P8.00

CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: North Fork Branch Library Renovation	**Report Page:**	**(Page 7 of 8)**
	Date Prepared:	2025-06-06T12:30:49-04:00

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection 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-PLB-E - Must be submitted for all buildings

J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no forms required for this project.

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no forms required for this project.

STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: North Fork Branch Library Renovation	**Report Page:**	**(Page 8 of 8)**
Project Address:	**Date Prepared:**	2025-06-06T12:30:49-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Brian Croshal	Documentation Author Signature:
Company: Alter Engineers	Signature Date: 07/25/2025
Address: 825 Washington St Ste 227	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Oakland, CA 94607	Phone: 510-474-0379

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: Brian Croshal	Responsible Designer Signature:
Responsible Designer Name: Matthew Dehghani	Responsible Designer Signature:
Company: Alter Engineers	Date Signed: 07/25/2025
Address: 825 Washington St Ste 227	License: 36987
City/State/Zip: Oakland, CA 94607	Phone: 510-474-0379

Service Water Heating Mandatory Measures:

110.3(a) CERTIFICATION BY MANUFACTURERS
ANY SERVICE WATER HEATING SYSTEM OR EQUIPMENT MAY BE INSTALLED ONLY IF CERTIFIED TO THE ENERGY COMMISSION TO MEET ALL APPLICABLE 110.3 REQUIREMENTS

110.3(a)1 TEMPERATURE CONTROLS
SERVICE WATER HEATING SYSTEMS SHALL BE EQUIPPED WITH AUTOMATIC TEMPERATURE CONTROLS CAPABLE OF BEING ADJUSTED FROM LOWEST TO HIGHEST ACCEPTABLE TEMPERATURES FOR THE INTENDED USE AS LISTED IN TABLE 3, CHAPTER 50 OF THE ASHRAE HANDBOOK, HVAC APPLICATIONS VOLUME, OR TABLE 613.1 OF THE CALIFORNIA PLUMBING CODE FOR HEALTHCARE FACILITIES. RESIDENTIAL OCCUPANCIES ARE EXEMPT FROM TEMPERATURE CONTROL REQUIREMENTS

110.3(b) EFFICIENCY
EQUIPMENT SHALL MEET THE APPLICABLE REQUIREMENTS OF THE APPLIANCE EFFICIENCY REGULATIONS AS REQUIRED BY 110.1.

110.3(c)2 CONTROLS FOR HOT WATER DISTRIBUTION SYSTEMS
SERVICE HOT WATER SYSTEMS WITH CIRCULATING PUMPS OR WITH ELECTRICAL HEAT TRACE SYSTEMS SHALL BE CAPABLE OF AUTOMATICALLY TURNING OFF THE SYSTEM.

110.8(a) INSULATION CERTIFICATION
INSTALLED INSULATION SHALL BE CERTIFIED BY THE DEPARTMENT OF CONSUMER AFFAIRS PER TITLE 24, PART 12, CHAPTERS 12-13, ARTICLE 3 "STANDARDS FOR INSULATING MATERIAL."

110.8(b) UREA FORMALDEHYDE INSULATION
UREA FORMALDEHYDE INSULATION SHALL NOT BE INSTALLED UNLESS IN EXTERIOR SIDE WALLS WITH A FOUR-MIL-THICK PLASTIC POLYETHYLENE VAPOR RETARDER OR EQUIVALENT PLASTIC SHEATHING VAPOR RETARDER IS INSTALLED BETWEEN THE UREA FORMALDEHYDE FOAM INSULATION AND THE INTERIOR SPACE.

110.8(c) INSULATING MATERIAL
ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF THE CALIFORNIA BUILDING CODE.

STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: North Fork Branch Library Renovation	**Report Page:**	**(Page 4 of 8)**
	Date Prepared:	2025-06-06T12:30:49-04:00

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in 120.3 and 140.5. For multifamily and hotel/motel occupancies, compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(d).

Recirculation Loops in Central Systems Serving Dwelling Units or Nonresidential Spaces

	Yes	No	Not Applicable	Requirement
01	●	○	○	Air release valve or vertical pump installation per 110.3(c)4A
02	●	○	○	Check valve or similar located between recirculation pump and water heating equipment to prevent backflow per 110.3(c)4B
03	●	○	○	Hose bibb installed between pump and equipment and isolation valve between hose bibb and equipment per 110.3(c)4C
04	●	○	○	Isolation valves on both sides of the pump per 110.3(c)4D
05	○	○	●	Cold water and recirculation loop piping shall not be connected to the hot water storage tank drain port per 110.3(c)4E
06	●	○	○	Check valve installed on cold water supply between hot water system and next closest tee on cold water supply per 110.3(c)4F
07	○	○	●	DWELLING UNITS ONLY: For central systems serving multiple dwelling units, design includes a recirculation system serving separate dwelling units per 170.2(d) unless building has <=8 dwelling units.
08	○	○	●	DWELLING UNITS ONLY: For heat pump water heating systems, the hot water return from the recirculation loop shall connect to a recirculation loop tank and shall not directly connect to the primary heat pump water heater inlet or the primary thermal storage tanks per 170.2(d)2A.
09	○	○	●	DWELLING UNITS ONLY: For heat pump water heating systems, the fuel source for the recirculation loop tank shall be electricity if auxiliary heating is needed. The recirculation loop heater shall be capable of multi-pass water heating operation per 170.2(d)2B.

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STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: North Fork Branch Library Renovation	**Report Page:**	**(Page 5 of 8)**
	Date Prepared:	2025-06-06T12:30:49-04:00

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

Mandatory Pipe Insulation All Occupancies

13	☐	For systems serving dwelling units, pipe insulation must meet the minimum insulation requirements in Table 160.4-A (see below) except: • Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates metal framing shall use grommets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall abut securely against all framing members • Piping installed in interior or exterior walls shall not be required to have pipe insulation if all of the requirements are met for compliance with Quality Insulation Installation (QII) as specified in the Reference Residential Appendix RA3.5. • Piping surrounded with a minimum of 1 inch of wall insulation, 2 inches of crawlspace insulation, or 4 inches of attic insulation, shall not be required to have pipe insulation.
14	☒	For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per 120.3: • Recirculating system piping, including supply and return piping of the water heater • The first 8 ft of hot and cold outlet piping, including between storage tank and heat trap, for a nonrecirculating storage system • Pipes that are externally heated
15	☒	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 per 120.3(b) / 160.4(f). Pipe insulation buried below grade must be installed in a water proof and non-crushable casing or sleeve.

TABLE 120.3-A / 160.4-A PIPE INSULATION THICKNESS

Fluid Temperature Range (°F)	Conductivity Range (Btu-in per hour per ft² per °F)	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)			
			< 1	1 to < 1.5	1.5 to < 4	1.5 to < 4 Multifamily & Hotel/Motel
			Minimum Insulation Required			
105-140	0.22 - 0.28	100	1.0 in or R-7.7	1.5 in or R-12.5	1.5 in or R-11	2.0 in or R-16

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STATE OF CALIFORNIA
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CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: North Fork Branch Library Renovation	**Report Page:**	**(Page 6 of 8)**
	Date Prepared:	2025-06-06T12:30:49-04:00

H. DOMESTIC HOT WATER CONTROLS

This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).

	Yes	No	Not Applicable	Requirement
01	☒	☐	☐	Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a).
02	☐	☐	☒	Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0.
03	☒	☐	☐	Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per §110.3(c)2 unless systems serves healthcare facility.
04	☐	☐	☒	For recirculation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions.
05	☐	☐	☒	For recirculation systems serving individual dwelling units, design includes manual on/off controls as specified in Reference Appendix RA4.4.9 per 170.2(d).
06	☐	☐	☒	Combustion air positive shut-off shall be provided per 160.4(3).on all newly installed commercial boilers as follows: • Boilers with input capacity >= 2.5 MMBtu/h, in which the boiler is designed to operate with a nonpositive vent static pressure • Boilers where one stack serves two or more boilers with a total combined input capacity per stack of 2.5 MMBtu/h.
07	☐	☐	☒	Boiler combustion air fans with motor >= 10 hp shall meet one of the following • The fan motor shall be driven by a variable speed drive OR • The fan motor shall include controls that limit the fan motor demand to <=30% of the total design wattage at 50% of the design air volume.
08	☐	☐	☒	Newly installed boilers with an input capacity (d-gte/) 5MMBtu/h and a steady state full-load combustion efficiency < 90% shall maintain excess (stack-gas) oxygen concentrations <= 5% by volume on a dry basis over firing rates of 20-100%. Combustion air volume shall be controlled with respect to firing rate or flue gas oxygen concentration. Use of a common gas and combustion air control linkage or jack shaft is prohibited.

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STATE OF CALIFORNIA
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CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: North Fork Branch Library Renovation	**Report Page:**	**(Page 1 of 8)**
Project Address:	**Date Prepared:**	2025-06-06T12:30:49-04:00

This document is used to demonstrate compliance for nonresidential occupancies with requirements in 110.1, 110.3, 120.3, and 140.5, and with requirements in 141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in 110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for additions and 180.2 for alterations.

A. GENERAL INFORMATION

01	Project Location (city)	North Fork	02	Climate Zone	16
03	Occupancy Types Within Project (select all that apply):				

• Library

B. PROJECT SCOPE

This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in 140.5/ 170.2(d) and 141.0(a)/ 180.1, or 141.0(b)2N / 180.2 for additions or alterations. Solar water heating systems are documented on the NRCC-SAB compliance document. Combined hydronic water heating systems are documented on the NRCC-MCH compliance document.

01	02	03
My project consists of (check all that apply):	System Type[1,2]	System Components
☐ New system (DHW system being installed for the first time)		☐ Equipment ☐ Distribution ☐ Controls
☒ System Alteration (equipment, distribution or controls)	Central System (serving nonresidential spaces)	☒ Equipment ☒ Distribution ☒ Controls

[1]*FOOTNOTES: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.*
[2] *Dwelling units refers to hotel/motel guest rooms and units in a multifamily residential occupancy.*
[3] *DHW systems serving 2 or more dwelling units are considered "Central Systems" for multifamily occupancies*

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. 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
Domestic Hot Water Equipment	Distribution Systems	Controls	**Compliance Results**
Table F	Table G	Table H	
Yes	Yes	Yes	COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

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Project Name: North Fork Branch Library Renovation	**Report Page:**	**(Page 2 of 8)**
	Date Prepared:	2025-06-06T12:30:49-04:00

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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F. DOMESTIC HOT WATER EQUIPMENT

This table is used to demonstrate compliance with mandatory equipment requirements in 110.1 and 110.3. Compliance with prescriptive requirements in 140.5(c) / 170.2(d) must also be demonstrated and with 141.0 / 180.1/ 180.2 for addition and alteration scopes.

Equipment Schedule: Water Heating Efficiency and Standby Loss

03		04			05		06		
System Name	WH-1	Exception to 140.5(c)/ 170.2(d)3		Exceptions Do Not Apply	☐	Gas Service Water Heating System >= 1MMBtu/h[1]	Capacity-weighted Average Efficiency %		
07	08	09	10		11	12	13	14	15
Name or Item Tag	Equipment Type	Volume (gal)	Rated Input Capacity (Btu/h)	Max GPM/ First Hour Rating (FHR)	Rated Efficiency	Minimum Efficiency Required	Efficiency Unit	Designed Standby Loss	Maximum Standby Loss
WH-1	Commercial Electric Storage Water Heater	50						0.84	0.84

[1]*FOOTNOTE: In systems >= 1MMBtu/h with multiple units, gas water heaters with input capacity > 100,000 Btu/h may meet 90% Et requirements via an input capacity-weighted average.*
[2]*FOOTNOTE: Compliant equipment may be found in the Modernized Appliance Efficiency Database System (MAEDBS) on the Energy Commission website: https://cacertappliances.energy.ca.gov/Pages/Search/AdvancedSearch.aspx*

Water Heating Equipment All Occupancies

	Yes	No	Not Applicable	Requirement
18	☐	☐	☒	Unfired storage tank insulation shall have Internal + External >=R-16 OR External >=R-3.5. Label required per 110.3(c)3
19	☐	☐	☒	New state buildings 60% of energy for service water heating from site solar energy or recovered energy per 110.3(c)5
20	☐	☐	☒	Isolation valves for instantaneous water heater with input rating >6.8 kBTUH or 2 kW has been specified per 110.3(c)6
21	☐	☐	☒	School buildings < 25,000 ft² and < 4 stories must install a heat pump water heating system per 140.5(a)11. Water heating systems serving an individual bathroom space may be an instantaneous electric water heater.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance | Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101 | Documentation Software: Energy Code Ace Compliance ID: 289374-0625-0007 Report Generated: 2025-06-06 09:30:53

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
MATTHEW DEHGHANI
No. M36987
Exp. 9-30-26
STATE OF CALIFORNIA

BID SET

SHEET TITLE
TITLE 24

REVISIONS

NO.	DATE	DESCRIPTION

County of Madera – CED Building Division
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ABBREVIATIONS

AC	AIR CONDITIONING
AC	ALTERNATING CURRENT
ACH	AIR CHANGES PER HOUR
ACM	ASBESTOS CONTAINING MATERIAL
AEE	ASSOCIATION OF ENERGY ENGINEERS
AFD	ADJUSTABLE FREQUENCY DRIVE
AFUE	ANNUAL FUEL EFFICIENCY RATIO
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AO	ANALOG OUTPUT
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS
B	BOILER
BACNET	A DATA COMMUNICATION PROTOCOL FOR BUILDING AUTOMATION AND CONTROL NETWORKS
BAS	BUILDING AUTOMATION SYSTEM
BCA	BUILDING COMMISSIONING ASSOCIATION
BI	BACKWARD INCLINE
BI	BINARY INPUT
BO	BINARY OUTPUT
BSLN	BASELINE
BTU	BRITISH THERMAL UNIT
BTUH	BRTISH THERMAL UNITS / HOUR
BY	BASE YEAR
CAV	CONSTANT AIR VOLUME
CD	COLD DECK
CDD	COOLING DEGREE DAYS
CEM	CERTIFIED ENERGY MANAGER
CFC	CHLOROFLUORCARBON
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHW	CHILLED WATER
CHWP	CHILLED WATER PUMP
CHWR	CHILLED WATER RETURN
CHWRT	CHILLED WATER RETURN TEMPERATURE
CHWS	CHILLED WATER SUPPLY
CHWST	CHILLED WATER SUPPLY TEMPERATURE
CLF	COOLING LOAD FACTOR
CLTD	COOLING LOAD TEMPERATURE DIFFERENCE
COP	COEFFICIENT OF PERFORMANCE
CRAC	COMPUTER ROOM AIR CONDITIONER
CT	COOLING TOWER
CV	CONSTANT VOLUME
CVRMSE	COEFFICIENT OF VARIATION OF THE ROOT MEAN SQUARE OF THE ERROR
CWP	CONDENSER WATER PUMP
CWR	CONDENSER WATER RETURN
CWRT	CONDENSER WATER RETURN TEMPERATURE
CWS	CONDENSER WATER SUPPLY
CWST	CONDENSER WATER SUPPLY TEMPERATURE
CY	CURRENT YEAR
DA	DISCHARGE AIR
DB	DATA BASE
DB	DRY BULB
DC	DIRECT CURRENT
DCV	DEMAND CONTROLLED VENTILATION
DD	DEGREE DAY
DDC	DIRECT DIGITAL CONTROL
DH	DUCT HEATER
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DP	DEW POINT
DP	DIFFERENTIAL PRESSURE
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
ECM	ELECTRONICALLY COMMUTATED MOTOR
ECM	ENERGY CONSERVATION MEASURE
ECO	ENERGY CONSERVATION OPPORTUNITY
EDH	ELECTRIC DUCT HEATER
EEM	ENERGY EFFICIENCY MEASURE
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EH	ELECTRIC HEATER
EMS	ENERGY MANAGEMENT SYSTEM
ESCO	ENERGY SERVICE COMPANY
EUH	ELECTRIC UNIT HEATER
EWT	ENTERING WATER TEMPERATURE
FC	FORWARD CURVE
FCU	FAN COIL UNIT
FIM	FACILITY IMPROVEMENT MEASURE
FLA	FULL LOAD AMPS
FMS	FACILITY MANAGEMENT SYSTEM
FPM	FEET PER MINUTE
FW	FEED WATER
GPM	GALLONS PER MINUTE
GUI	GRAPHICAL USER INTERFACE
HCFC	HYDROCHLOROCFUOROCARBON
HD	HOT DECK
HDD	HEATING DEGREE DAYS
HEPA	HIGH EFFICIENCY PARTICULATE ARRESTING
HFC	HYDROFLUOROCARBON
HHV	HIGHER HEATING VALUE
HHWP	HEATING HOT WATER PUMP
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HL	HIGH LIMIT
HPS	HIGH PRESSURE STEAM
HR	HEAT RECOVERY
HRU	HEAT RECOVERY UNIT
HRV	HEAT RECOVERY VENTILATOR
HSPF	HEATING SEASONAL PERFORMANCE FACTOR
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HWP	HOT WATER PUMP
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HWRT	HOT WATER RETURN TEMPERATURE
HWST	HOT WATER SUPPLY TEMPERATURE
HX	HEAT EXCHANGER
I/O	INPUT OUTPUT
IAQ	INDOOR AIR QUALITY
IPMVP	INTERNATIONAL PERFORMANCE MEASUREMENT AND VERIFICATION PROTOCOL
IR	INFRA-RED
LAT	LEAVING AIR TEMPERATURE
LHV	LOWER HEATING VALUE
LL	LOW LIMIT
LON	LOCAL OPERATING NETWORK
LP	LOW PRESSURE
LPS	LOW PRESSURE STEAM
LRA	LOCKED ROTOR AMPS
LWBT	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
M&V	MEASUREMENT AND VERIFICATION
MA	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MCC	MOTOR CONTROL CENTER
MUA	MAKE-UP AIR UNIT
MX	METRIX UTILITY ACCOUNTING SYSTEM
MZ	MULTI-ZONE
NC	NORMALLY CLOSED
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
OA	OUTSIDE AIR
OAP	OUTSIDE AIR PERCENTAGE
OAT	OUTSIDE AIR TEMPERATURE
ODP	OPEN DRIP PROOF
OWS	OPERATOR WORK STATION
PC	PERFORMANCE CONTRACTING
PE	PROFESSIONAL ENGINEER
PH	PRE-HEAT
PID	PROPORTIONAL INTEGRAL DERIVATIVE
PRV	PRESSURE RELIEF VALVE
PRV	PRESSURE REDUCING VALVE
PTAC	PACKAGED TERMINAL AIR CONDITIONER
RA	RETURN AIR
RF	RETURN FAN
RH	REHEAT
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
RTD	RESISTANCE TEMPERATURE DETECTOR
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
SC	SHADING COEFFICIENT
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY FAN
SHFG	SOLAR HEAT GAIN FACTOR
SHR	SENSIBLE HEAT RATIO
SP	SET POINT
SP	STATIC PRESSURE
SWP	STEAM WORKING PRESSURE
T	TEMPERATURE
T	THERMOSTAT
TEV	THERMOSTATIC EXPANSION VALVE
TOD	TIME OF DAY
TORR	MILLIMETER OF MERCURY (MMHG)
TXV	THERMOSTATIC EXPANSION VALVE
UH	UNIT HEATER
UV	ULTRAVIOLET
UV	UNIT VENTILATOR
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VSD	VARIABLE SPEED DRIVE
VSP	VARIABLE SPEED PUMP(ING)
WB	WET BULB
WC	WATER COLUMN
YTD	YEAR TO DATE

OWNERSHIP OF INSTRUMENTS OF SERVICE

1. ALL REPORTS, DRAWINGS, SPECIFICATIONS, COMPUTER FILES, FIELD DATA, NOTES AND OTHER DOCUMENTS AND INSTRUMENTS PREPARED BY THE CONSULTANT AS INSTRUMENTS OF SERVICE SHALL REMAIN THE PROPERTY OF THE CONSULTANT. THE CONSULTANT SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THERETO.

2. THE CLIENT ACKNOWLEDGES THE CONSULTANT'S CONSTRUCTION DOCUMENTS, INCLUDING ELECTRONIC FILES, AS INSTRUMENTS OF PROFESSIONAL SERVICE. NEVERTHELESS, THE FINAL CONSTRUCTION DOCUMENTS PREPARED UNDER THIS AGREEMENT SHALL BECOME THE PROPERTY OF THE CLIENT UPON COMPLETION OF THE SERVICES AND PAYMENT IN FULL OF ALL MONIES DUE TO THE CONSULTANT. THE CLIENT SHALL NOT REUSE OR MAKE ANY MODIFICATION TO THE CONSTRUCTION DOCUMENTS WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF THE CONSULTANT. THE CLIENT AGREES, TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD HARMLESS THE CONSULTANT, ITS OFFICERS, DIRECTORS, EMPLOYEES AND SUBCONSULTANTS (COLLECTIVELY, CONSULTANT) AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEY'S FEES AND DEFENSE COSTS, ARISING FROM OR ALLEGEDLY ARISING FROM OR IN ANY WAY CONNECTED WITH THE UNAUTHORIZED REUSE OR MODIFICATION OF THE CONSTRUCTION DOCUMENTS BY THE CLIENT OR ANY PERSON OR ENTITY THAT ACQUIRES OR OBTAINS THE CONSTRUCTION DOCUMENTS FROM OR THROUGH THE CLIENT WITHOUT THE WRITTEN AUTHORIZATION OF THE CONSULTANT.

APPLICABLE CODES

1. 2022 CALIFORNIA BUILDING CODE.
2. 2022 CALIFORNIA ELECTRICAL CODE
3. 2022 CALIFORNIA MECHANICAL CODE
4. 2022 CALIFORNIA ENERGY CODE
5. 2022 CALIFORNIA FIRE CODE

GENERAL NOTES

NEW CONSTRUCTION

A. ALL WORK SHALL COMPLY WITH THE LATEST ADOPTED STATE AND LOCAL CODES, AS WELL AS FEDERAL, STATE, AND MUNICIPAL REGULATIONS.(THESE NOTES APPLY TO ALL PLUMBING DRAWINGS)

B. THE WORK REQUIRED CONSISTS OF PERFORMING ALL LABOR AND FURNISHING ALL MATERIALS, FIXTURES AND EQUIPMENT REQUIRED TO PROVIDE A COMPLETE INSTALLATION OF ALL PLUMBING SYSTEMS AS INDICATED IN THE CONTRACT DOCUMENTS. IT SHALL FURTHER INCLUDE FURNISHING AND INSTALLING ALL ASSOCIATED ITEMS REQUIRED FOR THE PROPER OPERATION OF ALL PLUMBING SYSTEMS INCLUDING BUT NOT LIMITED TO ELECTRICAL, CONTROL AND HYRDONIC SYSTEM DEVICES.

C. DRAWINGS ARE DIAGRAMMATIC, CONTAINING INFORMATION TO A DEGREE OF DETAIL CONSISTENT WITH THEIR SCALE AND ADEQUATE TO CONVEY THE DESIGN INTENT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL FIELD DIMENSIONS, LOCATIONS AND CONDITIONS PRIOR TO THE PURCHASE OF ANY MATERIALS AND COMMENCEMENT OF WORK. NOTIFY THE ARCHITECT OF ALL DISCREPANCIES THAT WILL AFFECT THE WORK FOR RESOLUTION.

D. EQUIPMENT AND MATERIAL SHOWN ON DRAWINGS ARE BASED ON MANUFACTURER'S PUBLISHED DATA, AND ARE, IN THE DESIGNER'S PROFESSIONAL OPINION, REPRESENTATIVE OF TYPICAL SIZES. ALL EQUIPMENT AND MATERIAL PROVIDED SHALL FIT WITHIN THE SPACE PROVIDED. ALL EQUIPMENT, FIXTURES, AND SERVICEABLE DEVICES SHALL BE INSTALLED WITH ACCESS AND CLEARANCE FOR MAINTENANCE. COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES TO PROVIDE THIS ACCESS AND CLEARANCE. INSTALL ALL EQUIPMENT AND MATERIALS PER MANUFACTURER'S INSTRUCTIONS.

E. IF EQUIPMENT, FIXTURES, AND MATERIAL, OTHER THAN THAT SCHEDULED OR SPECIFIED, IS APPROVED AND PROVIDED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND PROVIDE REVISED UTILITIES AND SERVICE CONNECTIONS AND VERIFY THE SPACE ALOTTED FOR ADEQUECY AND CLEARANCE REQUIREMENTS. THIS INCLUDES BUT IS NOT LIMITED TO REVISED POWER, WATER, CONTROLS, HYDRONICS, WASTE DRAINS, FUEL FLUES AND VENT REQUIREMENTS.

F. COORDINATE ALL LOCATIONS AND SIZES OF STRUCTURAL FLOOR AND WALL PENETRATIONS WITH THE GENERAL CONTRACTOR AND PROVIDE CODE REQUIRED SEALS AT ALL FIRE RATED WALL, CEILING, ROOF AND FLOOR PENETRATIONS.

G. ACCESS DOORS AND/OR PANELS SHALL BE PROVIDED AT ALL MAINTENANCE AND SERVICE LOCATIONS FOR CONCEALED CONTROL DEVICES, VALVES AND PLUMBING EQUIPMENT/DEVICES. UNLESS A SIZE IS SPECIFICALLY NOTED, PANELS SHALL BE SIZED TO SERVICE EQUIPMENT/DEVICE. DOORS AND PANELS SHALL HAVE THE SAME FIRE RATING AS THE WALL OR CEILING IN WHICH THEY ARE INSTALLED. ACCESS DOORS AND/OR PANELS ARE NOT REQUIRED WHERE ADJUSTMENT, MAINTENANCE AND REPLACEMENT ARE POSSIBLE THROUGH LAY IN SUSPENDED CEILING.

H. INSTALL SHUT OFF VALVES AT EACH FIXTURE. INSTALL BRANCH SHUTOFF VALVES WHERE INDICATED ON PLANS. LOCATE AND ORIENT VALVE OPERATORS FOR EASE OF ACCESS AND FULL LIMITS OF OPERATION.

I. INSULATION AND VAPOR BARRIER SHALL BE PROVIDED ON ALL PIPING AND/OR EQUIPMENT SUBJECT TO HEAT LOSS, CONDENSATION, OR CONSTITUTING A POTENTIAL BURN HAZARD.

J. INSULATION SHALL NOT BE CRUSHED OR COMPRESSED THROUGH INTERFERENCE WITH SYSTEMS INSTALLED BY OTHER TRADES OR BUILDING CONSTRUCTION.

K. INSTALL PLUMBING AND PIPING HIGH POINTS AS TIGHT AS POSSIBLE TO THE BUILDING STRUCTURE TO ALLOW PROPER PITCH AND MAXIMIZE CEILING HEIGHT.

L. PROVIDE AIR VENTS AT PIPING HIGH POINTS AND DRAINS AT LOW POINTS IN MAINS.

M. ALL PIPING SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID FREEZING. ALL WATER PIPING SHALL BE INSTALLED BELOW ATTIC INSULATION AND NO PIPING SHALL BE INSTALLED WITHIN EXTERIOR WALLS. THE INSTALLATION OF PLUMBING SYSTEMS SHALL IN NO WAY CRUSH OR COMPROMISE BUILDING INSULATION AND ALL BELOWGRADE WATER PIPING SHALL BE INSTALLED NO LESS THAN 6" BELOW FROST DEPTH.

N. AT THE COMPLETION OF THE WORK AND PRIOR TO THE FINAL ACCEPTANCE, ALL PARTS OF THE WORK SHALL BE THOROUGHLY CLEANED.

O. ALL PIPING SHALL BE CONCEALED IN WALLS AND BEHIND FIXED FURNISHINGS UNLESS OTHERWISE INDICATED. EXPOSED PIPING IN FINISHED AREAS SHALL BE CHROME PLATED WITH A CHROME PLATED ESCUTCHEON AT EACH FINISHED ENTRY/EXIT.

P. ALL PIPING SHALL BE RUN PARALLEL TO BUILDING LINES AND BE SUPPORTED AND ANCHORED AS REQUIRED TO FACILITATE EXPANSION AND CONTRACTION. ALL PIPING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES. INSTALL AS REQUIRED TO MEET ALL CONSTRUCTION CONDITIONS AND TO ALLOW FOR INSTALLATION OF OTHER WORK INCLUDING DUCTS AND ELECTRICAL CONDUIT. ALL PIPING EXPOSED TO VIEW SHALL BE ROUTED AS HIGH AS POSSIBLE AND TO THE UNDERSIDE OF STRUCTURE.

Q. ELEVATIONS LISTED FOR ALL PLUMBING SYSTEM PIPING IN THE CONTRACT DOCUMENTS ARE TO BE VERIFIED PRIOR TO CONSTRUCTION AGAINST EXISTING CONDITIONS, UTILITIES AND NEW CONSTRUCTION. ALL SLOPED PLUMBING SYSTEMS SHALL HAVE RIGHT OF WAY OVER ALL OTHER BUILDING SYSTEM COMPONENTS.

R. ALL EXISTING BUILDING AND SITE FEATURES NOT BEING ALTERED BY THIS PROJECT ARE TO BE PROTECTED FROM DAMAGE. CONTRACTOR SHALL REPAIR ALL DAMAGE OCCURRING TO EXISTING CONSTRUCTION CAUSED BY THE CONTRACTOR'S OPERATIONS AT HIS/HER EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER.

S. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK UNDER HIS/HER CONTRACT WITH ALL OTHER BUILDING TRADES. NOTIFY THE ARCHITECT OF ALL DISCREPANCIES OR QUESTIONS PERTAINING TO EXTENT OF WORK PRIOR TO BIDDING.

T. ROVIDE AND DOCUMENT CORRESPONDENCE TO THE GENERAL CONTRACTOR AND ALL TRADES, REQUIREMENTS FOR INSTALLATION, OPENINGS, CHASES AND UTILITY SERVICE CONNECTIONS. THIS INCLUDES SUPPORTING DEVICES, POINT LOADS, ACCESS OPENINGS, SLEEVES AND CUTOUTS.

U. PROVIDE STARTERS FOR MOTORS UNLESS SPECIFICALLY IDENTIFIED AS BEING PROVIDED BY THE ELECTRICAL CONTRACTOR. PROVIDE ALL INTERNAL OVER CURRENT PROTECTION DEVICES AND INTERNAL TRANSFORMERS FOR PACKAGED EQUIPMENT.

FIRE PROTECTION

NUMBER	NAME
FP0.00	COVER SHEET
FP2.20	FLOOR PLAN - LOWER LEVEL
FP2.21	FLOOR PLAN - UPPER LEVEL
FP3.00	SECTIONS

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

NOT FOR CONSTRUCTION

BID SET

SHEET TITLE

COVER SHEET

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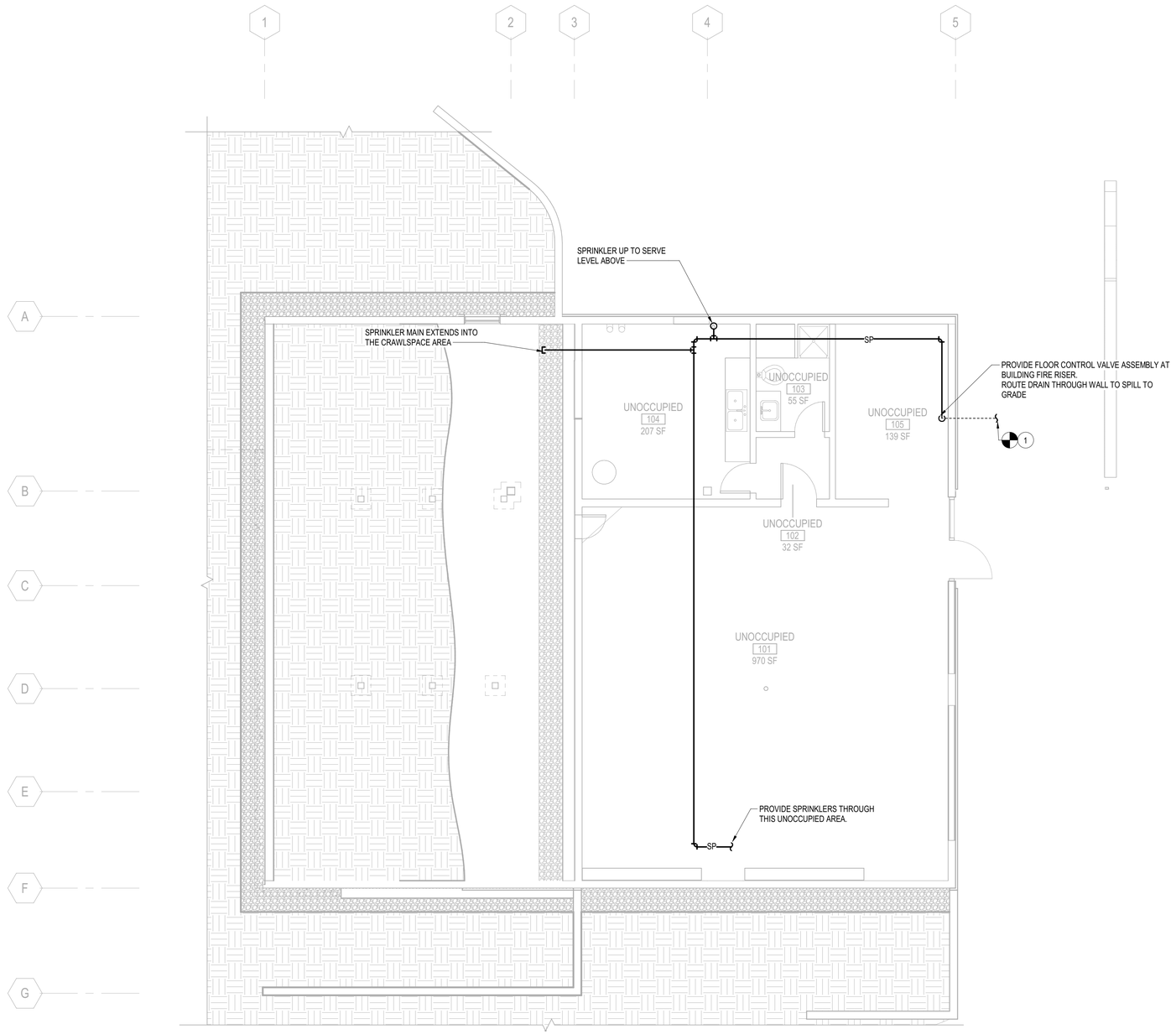

1 FP2.20 **FIRE SPRINKLER LOWER LEVEL**
3/16" = 1'-0"

GENERAL NOTES

A. FIRE PROTECTION SCOPE IS DELEGATED DESIGN. FIRE SPRINKLER DESIGN BUILD CONTRACTOR RESPONSIBLE FOR FINAL DESIGN BASED ON HYDRAULIC CALCULATIONS AND FIRE FLOW TEST RESULTS THAT DEFINE THE AVAILABLE PRESSURE.

B. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS WHEN GENERATING COORDINATED SPINKLER SHOP DRAWINGS. IDENTIFY ANY REQUIRED DEVIATIONS BASED ON ROUTING CONSTRAINTS.

SHEET NOTES

1. FIRE SPRINKLER WATER POINT OF CONNECTION. REFER TO CIVIL FOR NEW BACK FLOW PREVENTER.

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SHEET TITLE
FLOOR PLAN - LOWER LEVEL

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SHEET NUMBER
FP2.20

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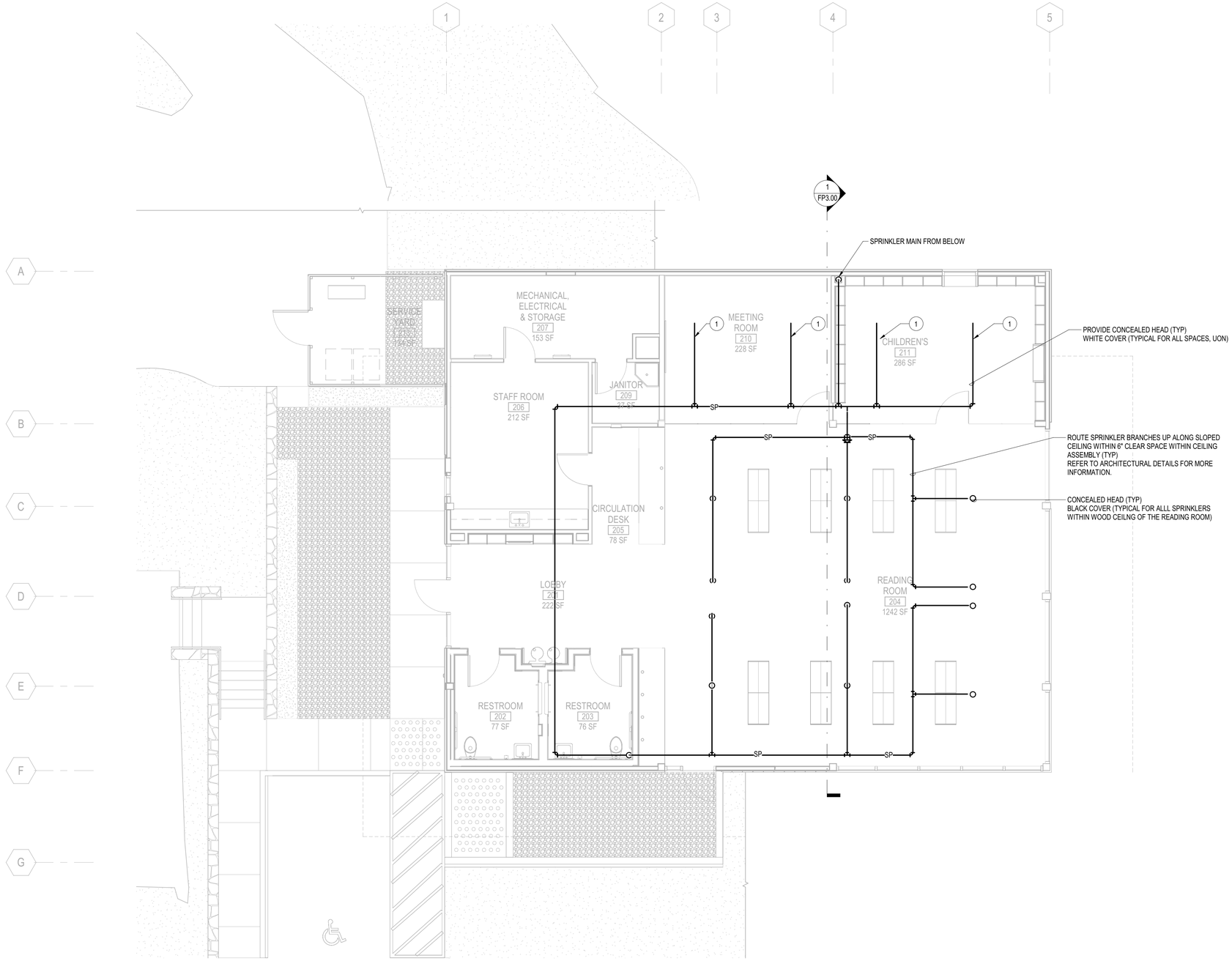

1 FP2.21 **FIRE SPRINKLER - UPPER LEVEL**
3/16" = 1'-0"

7/2/2025 11:08:44 AM

GENERAL NOTES

A. FIRE PROTECTION SCOPE IS DELEGATED DESIGN. FIRE SPRINKLER DESIGN BUILD CONTRACTOR RESPONSIBLE FOR FINAL DESIGN BASED ON HYDRAULIC CALCULATIONS AND FIRE FLOW TEST RESULTS THAT DEFINE THE AVAILABLE PRESSURE.

B. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS WHEN GENERATING COORDINATED SPINKLER SHOP DRAWINGS. IDENTIFY ANY REQUIRED DEVIATIONS BASED ON ROUTING CONSTRAINTS.

SHEET NOTES

1. ROUTE BRANCHES APPROXIMATELY AS SHOWN TO RUN BETWEEN LOW ROOF JOISTS.

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SHEET TITLE
FLOOR PLAN - UPPER LEVEL

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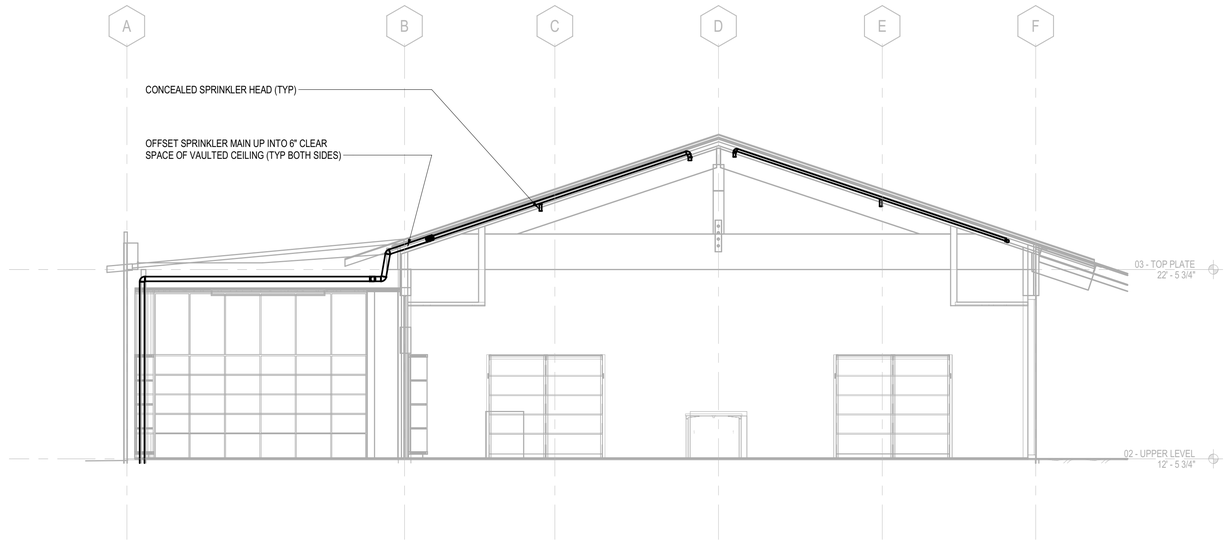
SHEET NUMBER
FP2.21



1 FIRE SPRINKLER - SECTION
1/4" = 1'-0"

GENERAL NOTES

A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

1. NOTE NOT USED.

7/25/2025 11:08:45 AM

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SHEET TITLE
SECTIONS

△ REVISIONS

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FP3.00

SYMBOL LIST (NOT ALL SYMBOLS USED)

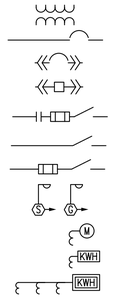
LINE TYPES

EXISTING EQUIPMENT/ RACEWAYS TO REMAIN, (E)

EXISTING EQUIPMENT/ RACEWAYS TO BE REMOVED, (D)

NEW EQUIPMENT / RACEWAYS

SINGLE LINE DIAGRAM



TRANSFORMER

CIRCUIT BREAKER

DRAW OUT CIRCUIT BREAKER

MEDIUM VOLTAGE VACUUM CIRCUIT BREAKER

MOTOR STARTER WITH OVERCURRENT PROTECTION 3 POLE UNLESS OTHERWISE NOTED

NON-FUSED DISCONNECT SWITCH, 30 AMP, 3P UNLESS NOTED OTHERWISE.

FUSED DISCONNECT SWITCH, 3 POLE UNLESS NOTED OTHERWISE.

CIRCUIT BREAKER ACCESORY, 'S' INDICATES SHUNT TRIP, 'G' INDICATES GROUND FAULT RELAY

UTILITY METER WITH CT/PT

KWH SUB METER WITH CT/PT

MULTIPOINT KWH SUB METER IN SEPARATE ENCLOSURE, CT/PTS AS SHOWN

LIGHTING CONTROLS

OS

CEILING MOUNTED OCCUPANCY SENSOR
P = PASSIVE INFRARED
D = DUAL TECHNOLOGY
U = ULTRASONIC, 360 DEG RANGE
H = ULTRASONIC, HALLWAY PATTERN

PHOTO ELECTRIC SWITCH
D = CONTINUOUS DIMMING PHOTOCELL
S = SWITCHED PHOTOCELL

$

SWITCH
2 = DOUBLE POLE SWITCH
3 = THREE-WAY SWITCH
4 = FOUR-WAY SWITCH
a THRU z (LOWERCASE) = LUMINAIRE CONTROL DESIGNATION
M = MANUAL MOTOR STARTER WITH THERMAL OVERLOAD
K = KEY OPERATED SWITCH
T = INTERVAL TIMER
W = WEATHER PROOF SWITCH
WL = WET LOCATION
V = LOW VOLTAGE SWITCH
D = DIMMING SWITCH

OS

WALL MOUNTED OCCUPANCY SENSOR
P = PASSIVE INFRARED
D = DUAL TECHNOLOGY WALL MOUNTED

SS

OCCUPANCY SENSOR/SWITCH
S = PASSIVE INFRARED WITH INTEGRAL "OFF" SWITCH
T = DUAL RELAY PASSIVE INFRARED WITH TWO INTEGRAL "OFF" SWITCHES
D = PASSIVE INFRARED WITH INTEGRAL DIMMER TO OFF.

LUMINAIRES

RECESSED LUMINAIRE. SEE PLANS FOR DIMENSIONS.

RECESSED DOWNLIGHT LUMINAIRE.

SURFACE MOUNTED 2'X4' LUMINAIRE

SURFACE OR PENDANT MOUNTED 1'X4' LUMINAIRE

SURFACE OR PENDANT 1'X8' LUMINAIRE

SURFACE OR PENDANT 6"X8' LUMINAIRE

SURFACE OR PENDANT STRIP LUMINAIRE

LINEAR WALL MOUNT LUMINAIRE

WALL SCONCE

AREA LUMINAIRE MOUNTED WITH POLE AND CONCRETE BASE

BOLLARD OR POST TOP LUMINAIRE, SEE LUMINAIRE SCHEDULE

FLOOD LIGHT

FLUSH IN GRADE EXTERIOR LUMINAIRE

SURFACE OR PENDANT DOWNLIGHT

EMERGENCY LIGHTING, SEE DESCRIPTIONS ABOVE

EMERGENCY LIGHTING WALL PACK

'A' 1,a,zA.

LUMINAIRE NOMENCLATURE
'A' = LUMINAIRE TYPE, SEE LUMINAIRE SCHEDULE
1 = CIRCUIT NUMBER
a = LOWERCASE LETTER INDICATES MANUAL OR OCCUPANCY SWITCH LEG
zA. = INDICATES AUTOMATED DAYLIGHT CONTROL ZONE

CL (100W)

TRACK LIGHTING CURRENT LIMITER. WATTAGE IN PARENTHESIS INDICATES MAXIMUM WATTAGE.

DEVICES

FLOOR* WALL CEILING

SIMPLEX OR SPECIAL RECEPTACLE TYPE, SEE PLANS FOR NEMA TYPE

DUPLEX RECEPTACLE, 5-20R U.O.N.

DOUBLE DUPLEX (QUAD) RECEPTACLE, 5-20R U.O.N.

CONTROLLED DUPLEX RECEPTACLE, 5-20R U.O.N.

CONTROLLED DOUBLE DUPLEX (QUAD) RECEPTACLE, 5-20R U.O.N.

*PROVIDE COMBINED POWER/DATA FLOOR BOXES IF SHOWN ON PLANS
PT = POKE THRU, FB = FLOOR BOX, PD = PEDESTAL

LTR

A — ABOVE COUNTER OR AT DEFINED HEIGHT. REFER TO ARCHITECT

G — GROUND FAULT CIRCUIT INTERRUPTER

WP — WEATHERPROOF IN-USE COVER WITH GFI RECEPTACLE

U — RECEPTACLE DEVICE WITH (2) USB PORTS

S — SPLIT WIRED RECEPTACLE

Z — DEDICATED CIRCUIT

A-1. — DEVICE CIRCUITING NOMENCLATURE
A = PANEL NAME, IF SHOWN
1. = CIRCUIT NUMBER

FLOOR* WALL CEILING

4-IN SQUARE JUNCTION BOX

PULL BOX, SIZED PER CODE

POWER AND DATA JUNCTION BOXES WITH WHIPS FOR FURNITURE CONNECTION.
*PROVIDE POWER POLE WITH CEILING JUNCTION BOX

WAP — WIRELESS ACCESS POINT DATA OUTLET WITH CAT6 CABLING,

924 — UL 924 EMERGENCY LIGHTING RELAY

EQUIPMENT

RECESSED SURFACE

DISCONNECT SWITCH, 30 AMP MINIMUM UNLESS NOTED OTHERWISE.

FUSED DISCONNECT SWITCH, 30 AMP MINIMUM UNLESS NOTED OTHERWISE.

COMBINATION DISCONNECT SWITCH MOTOR STARTER

5 — MOTOR, 5 HP INDICATED.

T (##W) — TRANSFORMER, ###W INDICATES WATTAGE

RELAY OR EQUIPMENT CABINET AS INDICATED ON PLANS.

LIGHTING OR POWER PANEL BOARD.

FREE STANDING SWITCHBOARD, MOTOR CONTROL CENTER OR DISTRIBUTION BOARD.

FIRE TREATED PLYWOOD BACKBOARD 3/4"X96" HIGH X LENGTH AS INDICATED.

G — GROUND BUS BAR

INV (##W) — BATTERY PACK OR MINI INVERTER, ###W INDICATES WATTAGE

TAGS

EEE — ELECTRICAL EQUIPMENT DESIGNATION DESIGNED "EQ01"

— SHEET NOTE ON SAME SHEET.

AC 1 — A-1,3,5. F40-3 — MECHANICAL EQUIPMENT DESIGNATION "AC-1" INDICATED. A-1,3,5. INDICATES CIRCUIT NUMBER, F40-3 INDICATES FEEDER CODE IF NONE SHOWN REFER TO SINGLE LINE DIAGRAM FOR ELECTRICAL REQUIREMENTS

XX — EQUIPMENT NAME OR NUMBER

1 / E-6 — DETAIL REFERENCE

LCX — LIGHTING CONTROL SEQUENCE OF OPERATION TAG

FIRE ALARM

FACP — FIRE ALARM CONTROL PANEL

ANNUN — REMOTE ANNUNCIATOR

TECHNOLOGY

FLOOR WALL CEILING

TELEPHONE (POTS) OUTLET AND CABLING, PROVIDE 4S DEEP SINGLE GANG PLASTER RING AND 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE UNLESS OTHERWISE NOTED

DATA OUTLET- WALL MOUNT AT 15" AFF TO THE BOTTOM OF BOX (U.O.N), PROVIDE 4S DEEP SINGLE GANG PLASTER RING, CABLING AND 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE UNLESS OTHERWISE NOTED. (#) NUMBER IN PARENTHESIS INDICATES QTY OF CATEGORY NETWORK DROPS

HDMI/AV OUTLET. PROVIDE 1-1/4"C + PULL STRING

ABBREVIATIONS

(E)	EXISTING
(D)	DEMOLISH
(R)	RELOCATE
(RL)	NEW LOCATION OF RELOCATED DEVICE
A	AMPERES, AMBER
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AVAILABLE INTERRUPTING CAPACITY
C	CONDUIT, CLOSE, CONTROL
CA	CABLE
CAT	CATEGORY
CU	COPPER
DIA	DIAMETER
DIM	DIMENSION
DIV	DIVISION
DN	DOWN
DWG	DRAWING
EA	EACH
FF	FINISH FLOOR
FT	FOOT, FEET G,
GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
IG	ISOLATED GROUND
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LV	LOW VOLTAGE
MCA	MINIMUM CIRCUIT AMPS
MISC	MISCELLANEOUS
MOCP	MAXIMUM OVERCURRENT PROTECTION
NEC	NATIONAL ELECTRIC CODE
NTS	NOT TO SCALE
PH	PHASE
QTY	QUANTITY
RM	ROOM
STD	STANDARD
TBD	TO BE DETERMINED
TGB	TELECOMMUNICATIONS GROUNDING BUS BAR
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
V	VOLTS, VOLTAGE
WP	WEATHERPROOF

DRAWING INDEX

E-001	COVER SHEET - ELECTRICAL
E-101	SITE PLAN - ELECTRICAL
ED-101	UPPER FLOOR PLAN - ELECTRICAL DEMOLITION
E-201	UPPER FLOOR PLAN - LIGHTING
E-301	UPPER FLOOR PLAN - POWER
E-401	SCHEDULES & SLD
E-501	DETAILS
E-601	ENERGY COMPLIANCE FORMS
E-602	ENERGY COMPLIANCE FORMS
E-603	ENERGY COMPLIANCE FORMS
E-604	ENERGY COMPLIANCE FORMS
E-605	ENERGY COMPLIANCE FORMS

GENERAL ELECTRICAL NOTES

A. SCHEDULE WORK IN EXISTING BUILDINGS WITH THE OWNER. MINIMIZE DISRUPTION OF NORMAL OPERATIONS.

B. VISIT THE SITE BEFORE SUBMITTING A BID TO OBSERVE EXISTING CONDITIONS.

C. DO NOT INSTALL ELECTRICAL BOXES IN RATED WALLS CLOSER THAN 2'-0" TO EACH OTHER. PROVIDE "PADDY" PADS OR EQUIVALENT ON EACH BOX INSTALLED.

D. PLANS DO NOT GENERALLY INDICATE WIRE COUNTS. FOR EACH 20 AMP, 120 VOLT OR 277 VOLT CIRCUIT, PROVIDE (1) #12 PHASE CONDUCTOR, (1) #12 NEUTRAL CONDUCTOR AND (1) #12 GROUNDING CONDUCTOR. WHERE MULTIPLE CIRCUITS ARE SHOWN, UP TO THREE SEPARATE AND DIFFERENTLY PHASED CIRCUITS (A, B AND C) PROVIDE DEDICATED NEUTRALS UNLESS OTHERWISE NOTED AND A SINGLE GROUNDING CONDUCTOR. WHERE DRAWINGS INDICATE WIRE SIZES/COUNTS, PROVIDE SUCH CIRCUIT, NEUTRAL AND GROUNDING CONDUCTORS FOR THE PORTION OF THE CIRCUIT WHERE SUCH CONDUCTORS SHARE A COMMON CONDUIT. GROUND WIRE INSULATION: GREEN. ALL WORK COMPLY WITH CEC 300.17.

E. IN ALL CASES AND FOR ALL SYSTEMS AND COMPONENTS, USE ONLY EQUIPMENT IN ACCORDANCE WITH ITS LISTING OR LABELING. [CEC 110.3(B)]

F. USE ONLY EQUIPMENT MARKED (LISTED/LABELED) AS SUITABLE FOR INSTALLATION AND WITH HIGHER TEMPERATURE RATED CONDUCTORS AT THE AMPACITY OF THE HIGHER RATED CONDUCTORS. REFER TO THE UL ELECTRICAL CONSTRUCTION MATERIAL DIRECTORY FOR CIRCUIT BREAKERS, SWITCHES, PANELBOARDS, SWITCHBOARDS, ETC. [CEC 110.14(C)]

G. PROVIDE SUFFICIENT ACCESS AND WORKING CLEARANCE ABOUT THE ELECTRICAL EQUIPMENT IN ACCORDANCE WITH CEC 110.26(A).

H. PROVIDE ACCESS AND ENTRANCES TO AND EGRESS FROM WORKING SPACE ABOUT ELECTRICAL EQUIPMENT IN ACCORDANCE WITH CEC 110.26(C).

I. INSTALL ONLY RECEPTACLE OUTLETS WITH GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION IN LOCATIONS SPECIFIED AS BATHROOMS, COMMERCIAL AND INSTITUTIONAL KITCHENS, ROOFTOPS AND OUTDOOR PUBLIC SPACES. SEE EXCEPTIONS. [CEC 210.8(B)]

J. PROVIDE OUTLET DEVICE(S) INSTALLED ON A BRANCH CIRCUIT WITH A RATING IN ACCORDANCE WITH CEC 210.21(B) (SEE EXCEPTIONS, AND REFER TO 210.21(B) TABLE(S)).

K. PROVIDE GROUND FAULT PROTECTION OF EQUIPMENT IN ACCORDANCE WITH CEC 230.95 AND 240.13 (SEE EXCEPTIONS).

L. FOR PVC CONDUIT, PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR RUN WITH THE FEEDER CONDUCTORS AND SIZE PER CEC TABLE 250.122.

M. FOR PERMANENTLY CONNECTED APPLIANCES RATED NOT OVER 300 VOLTAMPERES OR 1/8 HORSEPOWER, THE BRANCH-CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS. [CEC 422.31]

N. KEEP LIFE SAFETY BRANCH WIRING ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND SHALL NOT ENTER THE SAME RACEWAYS, BOXES, OR CABINETS WITH EACH OTHER OR OTHER WIRING. [CEC 517.41(D) (SEE EXCEPTIONS)]

O. PROVIDE DEFERRED APPROVAL AND DESIGN BUILD FOR THE FIRE ALARM SYSTEM. SUBMIT COMPLETE DRAWINGS TO THE FIRE MARSHALL FOR APPROVAL AND ASSUME FULL RESPONSIBILITY OF THE SYSTEM, DEVICE QUANTITY AND LOCATION, WIRING, PROGRAMMING AND CONTROL PANELS. COORDINATE FINAL DEVICE LOCATIONS WITH THE ARCHITECT PRIOR TO ROUGH-IN.

EMERGENCY LIGHTING ILLUMINATION NOTE

EMERGENCY LIGHTING SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOTCANDLE (11LUX) AND MINIMUM AT ANY POINT OF 0.1 FOOTCANDLE (1LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVEL SHALL BE PERMITTED TO DECLINE 0.6 FOOTCANDLE (6LUX) AVERAGE AND MINIMUM AT ANY POINT OF 0.06 FOOTCANDLE (0.6LUX) AT THE END OF EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED.

LIGHTING ACCEPTANCE CERTIFICATE

BEFORE AN OCCUPANCY PERMIT IS GRANTED FOR A NEWLY CONSTRUCTED BUILDING OR AREA, OR A NEW LIGHTING SYSTEM SERVING A BUILDING, AREA, OR SITE IS OPERATED FOR NORMAL USE, ALL INDOOR AND OUTDOOR LIGHTING CONTROLS SERVING THE BUILDING, AREA, OR SITE, SHALL BE CERTIFIED AS MEETING THE ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE IN ACCORDANCE WITH CEC SECTION 130.4. A CERTIFICATE OF ACCEPTANCE SHALL BE SUBMITTED TO THE ENFORCEMENT AGENCY UNDER CEC SECTION 10-103(a) OF PART 1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING AND COMPLETION OF REQUIRED ACCEPTANCE FORMS. IF GENERAL CONTRACTOR IS NOT LICENSED FOR THIS WORK, GENERAL CONTRACTOR SHALL HIRE LICENSED THIRD PARTY.

CODES & STANDARDS

1. 2022 CALIFORNIA BUILDING CODE
2. 2022 CALIFORNIA ELECTRICAL CODE
3. 2022 CALIFORNIA MECHANICAL CODE
4. 2022 CALIFORNIA PLUMBING CODE
5. 2022 CALIFORNIA ENERGY CODE (TITLE 24)
6. 2022 CALIFORNIA FIRE CODE
7. 2022 CALIFORNIA GREEN CODE

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER — RAY A. JULIAN — No. E19586 Exp. 06-30-27 — ELECTRICAL — STATE OF CALIFORNIA

Date Signed: 3/2/26

BID SET

SHEET TITLE
COVER SHEET - ELECTRICAL

REVISIONS

County of Madera – CED Building Division – Plans Approved under the 2022 California Building Code
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DATE 03/06/2026
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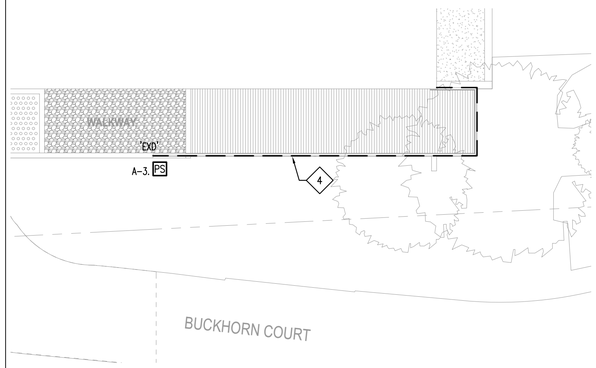
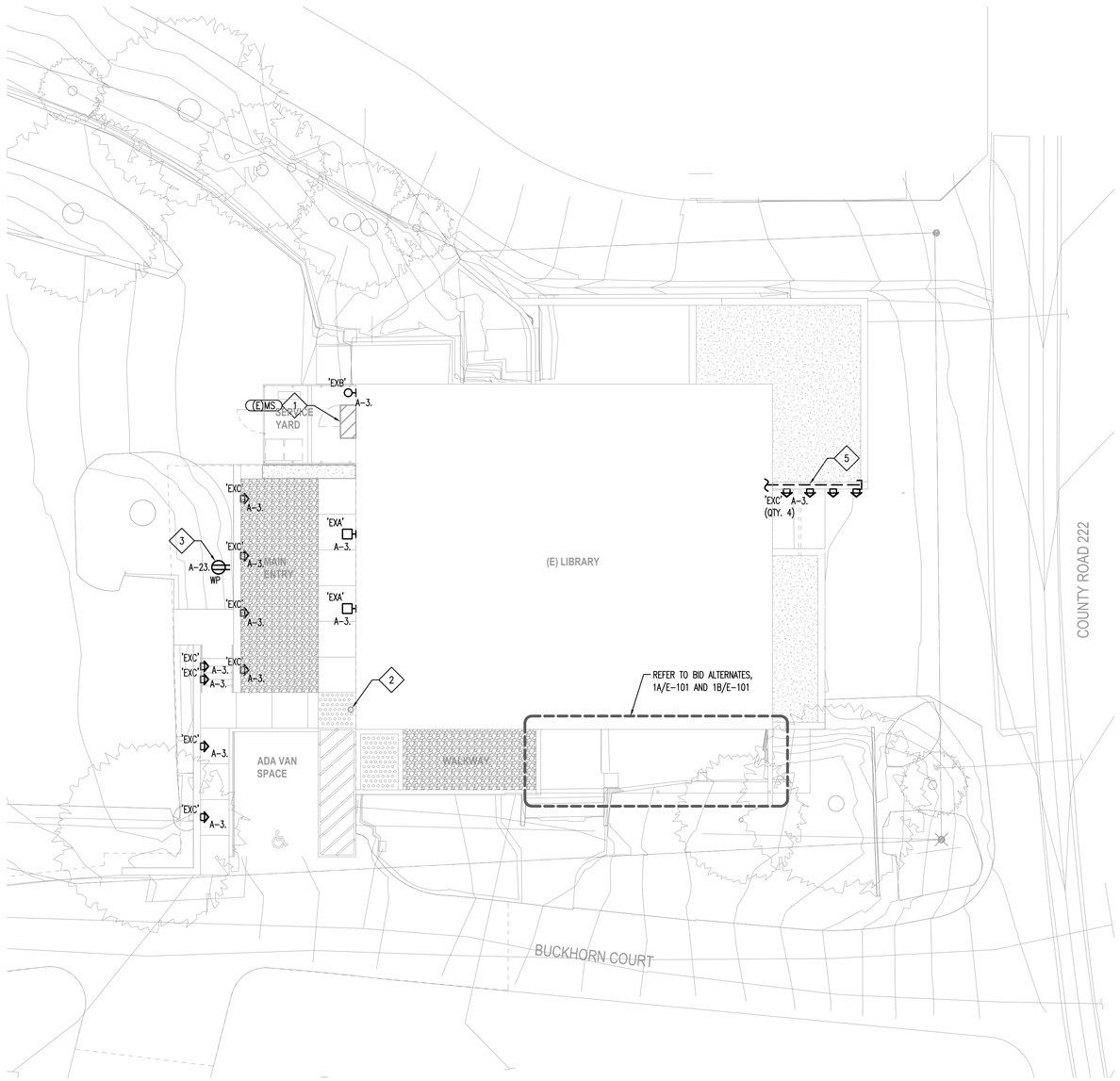


1A | BID ALTERNATE 1

SCALE: 1" = 10'-0"

1B | BID ALTERNATE 2

SCALE: 1" = 10'-0"



1 | SITE PLAN – ELECTRICAL

SCALE: 1" = 10'-0"

GENERAL SHEET NOTES

A. EXISTING UNDERGROUND UTILITIES AND STRUCTURES ARE KNOWN TO EXIST ON THE PROJECT SITE. CONTRACTOR TO MAKE USE OF ALL CONSTRUCTION DOCUMENTS TO ASSIST IN LOCATING THE UNDERGROUND UTILITIES AND STRUCTURES. NO REPRESENTATION AS TO ACCURACY OR COMPLETENESS OF THE LOCATION OF THE UNDERGROUND UTILITIES OR STRUCTURE EXISTS.

B. CONTRACTOR TO EXERCISE PRECAUTIONARY MEANS INCLUDING HAND DIGGING OR VACUUM EXCAVATION TO PROTECT THE EXISTING UTILITIES AND STRUCTURES. WHERE EXACT LOCATIONS OF UTILITIES AND STRUCTURE CAN NOT BE DETERMINED, HAND OR VACUUM EXCAVATION MAY BE REQUIRED.

C. COORDINATE CONDUIT TRENCHING WITH OTHER DISCIPLINES TO AVOID CONFLICT. LOCATE PULL BOXES IN PLANTERS WHEREVER POSSIBLE. COORDINATE EXACT PULL BOX LOCATIONS WITH LANDSCAPING. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

D. PROVIDE TRAFFIC LID WHERE REQUIRED FOR PULL BOXES (CHRISTY BOXES). PULL BOX SIZES SHOWN FOR STRAIGHT PULL APPLICATION ONLY. SIZE PER CEC ARTICLE 314.

E. COORDINATE EXACT ROUTING OF UNDERGROUND INFRASTRUCTURE WITH CIVIL DRAWINGS. PROVIDE ADDITIONAL SPLICE/PULL BOXES AS REQUIRED IF CONDUIT BENDS EXCEED THREE 90 DEGREE BENDS (OR 270 DEGREES TOTAL).

F. LIGHTING SHOWN ON THIS PLAN SHALL BE CONTROLLED BY ASTRONOMICAL TIME CLOCK ON-OFF.

SHEET NOTES

1. EXISTING SERVICE SWITCHBOARD TO REMAIN AND RE-USED. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
2. EXISTING FIBER INCOMING SERVICE. INTERCEPT AND EXTEND TO NEW BACKBOARD TELECOMMUNICATION BACKBOARD. REFER TO E-301.
3. INTERMATIC WP200 FLEXIGUARD OR APPROVED EQUAL.
4. LED TAPE LIGHT AT UNDERSIDE OF NOTCHED HANDLE
5. STUB UP AND CAP TWO 1"C FOR POWER AND DATA TO FUTURE SIGN. HOMERUN TO ELEC/IT 105.

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SITE PLAN - ELECTRICAL

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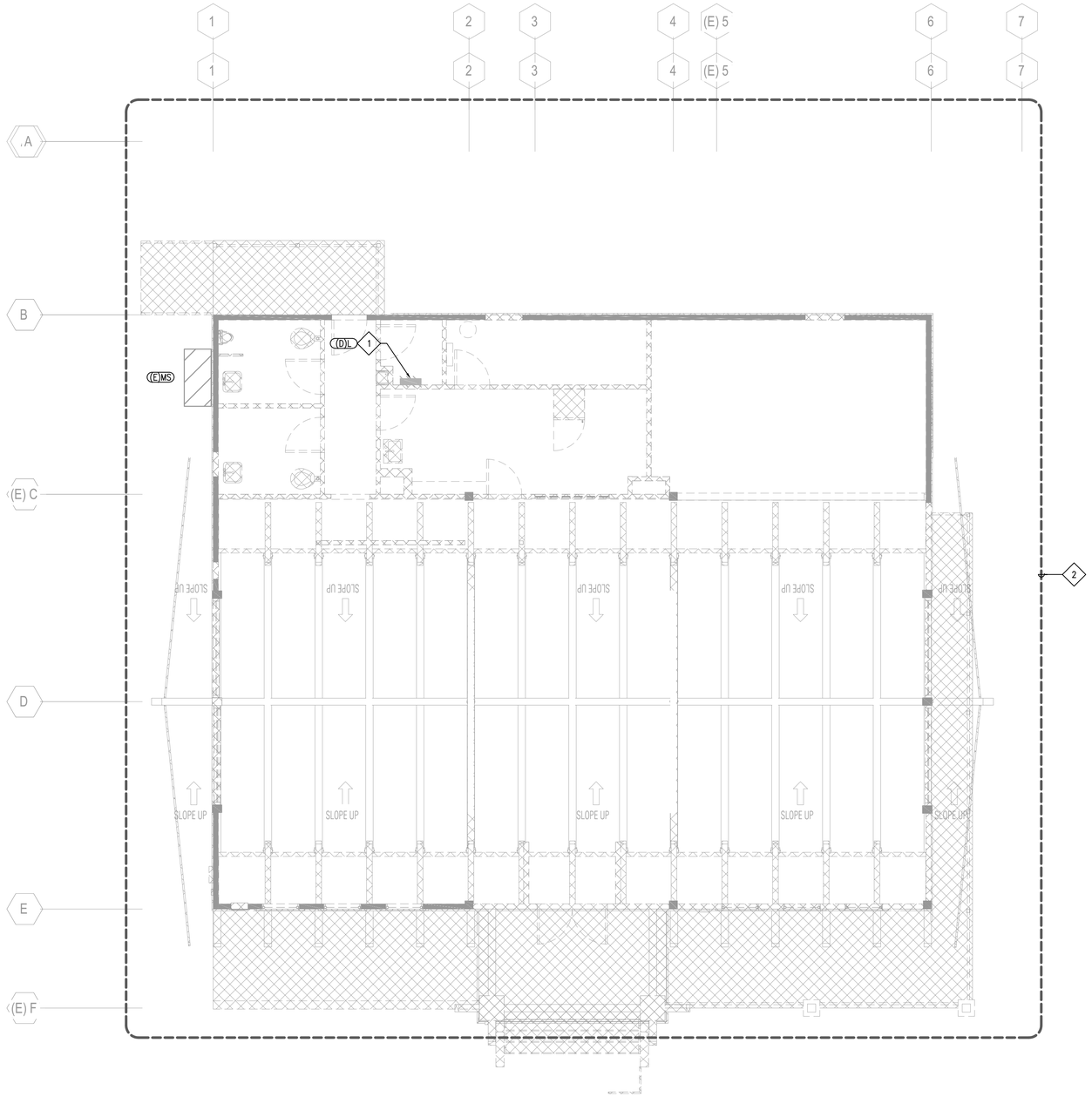

GENERAL SHEET NOTES

A. COORDINATE DEMOLITION WORK WITH ARCHITECT AND BUILDING OWNER PRIOR TO COMMENCEMENT OF WORK.

B. DEMOLISH EXISTING LIGHTING CONTROL DEVICES, LUMINAIRES, RECEPTACLES, VOICE/DATA OUTLETS, FEEDERS, ETC., AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION AND INDICATED WITH CROSSMARKS ON DRAWINGS. REUSE SPARE CIRCUITS AS MUCH AS POSSIBLE FOR NEW WORK. COORDINATE AND SEQUENCE DEMOLITION WORK WITH PROVISIONS OF CONSTRUCTION DOCUMENT DIVISIONS.

C. REMOVE EXISTING MATERIALS CONFLICTING WITH REMODEL WORK INDICATED IN THE CONSTRUCTION DOCUMENTS AND SUBJECT TO CONDITIONS INDICATED IN SUCH.

D. REMOVE ELECTRICAL MATERIALS MOUNTED IN OR ON WALLS AND CEILING TO BE REMOVED AS INDICATED IN ARCHITECTURAL CONSTRUCTION DOCUMENTS.

E. MAINTAIN IN OPERATION EXISTING SYSTEMS NOT INDICATED FOR REMOVAL IN CONSTRUCTION DOCUMENTS.

F. VERIFY EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. PROVIDE ADDITIONAL SPLICE BOXES, ETC., AS REQUIRED FOR COMPLETE AND PROPERLY OPERATING SYSTEM. REUSE IN PLACE EXISTING CONDUIT NOT REMOVED DURING DEMOLITION IF SIZED IN ACCORDANCE WITH LATEST EDITION OF THE C.E.C. (CALIFORNIA ELECTRICAL CODE) AND THOROUGHLY CLEANED AND SWABBED PRIOR TO PULLING NEW WIRES.

G. OBTAIN COPY OF EXISTING AS-BUILT DRAWINGS PRIOR TO BID.

SHEET NOTES

1. DISCONNECT AND REMOVE PANEL AND ASSOCIATED BRACH CIRCUITS COMPLETE BACK TO SOURCE.

2. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES, OUTLETS, FLOORBOXES, LUMINAIRES, AND LIGHTING CONTROLS COMPLETE BACK TO SOURCE.

1 UPPER FLOOR PLAN – ELECTRICAL DEMOLTION

SCALE: 3/16" = 1'-0"

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RAY D. JULIAN JR.
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Exp. 06-30-27
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STATE OF CALIFORNIA

Date Signed: 3/2/26

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SHEET TITLE
UPPER FLOOR PLAN - ELECTRICAL DEMOLITION

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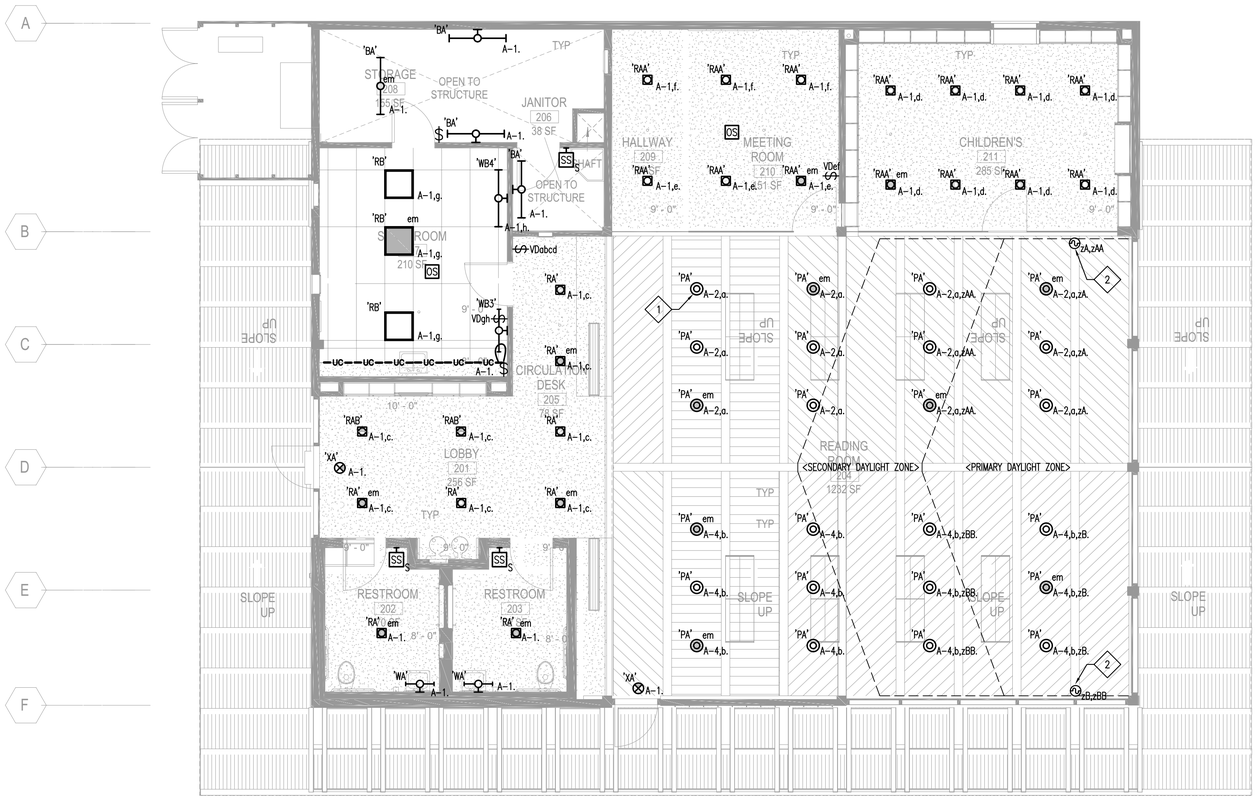

GENERAL SHEET NOTES

A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF LUMINAIRES AND LIGHTING CONTROLS WITH ARCHITECT PRIOR TO INSTALLATION.

B. REFER TO ARCHITECTURAL CONSTRUCTION DOCUMENT FOR TYPES AND MATERIALS. COORDINATE LUMINAIRE CEILING ROUGH-INS, TRIM AND SUPPORT WITH LIGHTING SUPPLIER PRIOR TO RELEASE OF LUMINAIRES.

C. LIGHTING CONTROL BASIS OF DESIGN SHALL BE WATTSTOPPER DLM. PROVIDE A COMPLETE SYSTEM, INCLUDING RELAY DEVICES, CONTROLLERS, WIRING, SENSORS, WALLSTATIONS, LABOR TO INSTALL, AND APPURTENANCES TO MEET LIGHTING CONTROL SEQUENCE OF OPERATION.

D. LUMINAIRE TYPE 'PA' AT READING ROOM. COORDINATE ROUTING OF CABLING TO LUMINAIRES WITH ARCHITECT. ALL CABLING SHALL BE CONCEALED ABOVE THE EXISTING TO CEILING WITHIN THE ROOFING ASSEMBLY. NO EXPOSED INFRASTRUCTURE AND CABLING SHALL BE ALLOWED UNLESS APPROVED BY ARCHITECT.

LIGHTING SEQUENCE OF OPERATIONS

LIGHTING CONTROL SYSTEM SHALL BE WATTSTOPPER DLM

READING ROOM / CHILDRENS ROOM
LIGHTING CONTROLLED VIA MANUAL WALL STATION WITH DIMMING CAPABILITY. AUTO PHOTOCELL CONTROL FOR FIXTURES IN PRIMARY DAYLIGHT AND SKYLIGHT ZONES. AUTO OFF VIA TIMECLOCK.

LOBBY AND VESTIBULE
LIGHTING CONTROLLED VIA MANUAL WALL STATION WITH DIMMING CAPABILITY. AUTO PHOTOCELL CONTROL FOR FIXTURES IN PRIMARY DAYLIGHT AND SKYLIGHT ZONES. AUTO OFF VIA TIMECLOCK.

STAFF ROOM
MANUAL AND DIMMING CONTROL VIA WALL STATION. AUTO OFF VIA OCCUPANCY SENSOR

RESTROOM / STORAGE / SUPPORT ROOMS
LIGHTING CONTROLLED VIA MANUAL WALL STATION. AUTO OFF VIA OCCUPANCY SENSOR.

1 UPPER FLOOR PLAN – LIGHTING
SCALE: 3/16" = 1'-0"

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Date Signed: 3/2/26

BID SET

SHEET TITLE
UPPER FLOOR PLAN - LIGHTING

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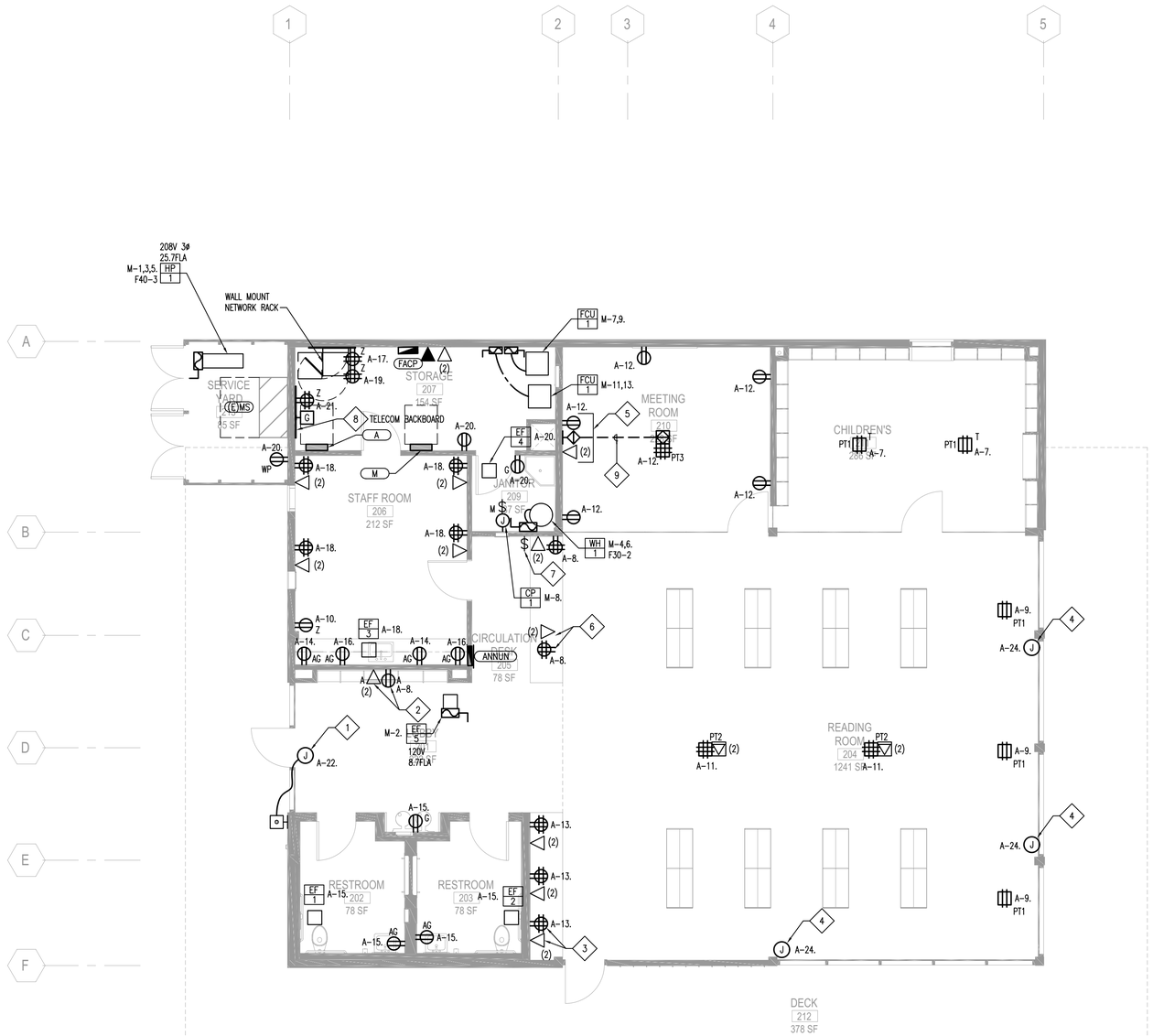


GENERAL SHEET NOTES

A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES, VOICE/DATA OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.

B. IN FINISHED AREAS RUN ALL CONDUITS CONCEALED U.O.N. COORDINATE ALL ROUTING AND ROUGH-INS AT EXPOSED WOOD CONSTRUCTION WITH ARCHITECT. PAINT ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT, REFER TO ARCHITECT SPECIFICATIONS FOR PAINTING REQUIREMENTS.

C. REFER TO SINGLE LINE DIAGRAMS, EQUIPMENT SCHEDULES, AND DETAILS FOR ADDITIONAL INFORMATION.

D. SIZE FUSES FOR ALL MECHANICAL EQUIPMENT PER APPROVED MANUFACTURERS SHOP DRAWINGS.

E. FIRE ALARM DEVICES SHOWN ARE FOR COORDINATION PURPOSES ONLY. REFER TO GENERAL SHEET NOTE 0, E-001 FOR ADDITIONAL REQUIREMENTS.

F. INCLUDE TWO ADDITIONAL DATA DROPS FOR WIRELESS ACCESS POINTS. FIELD COORDINATE EXACT LOCATION OF WIRELESS ACCESS POINT DEVICE FOR OPTIMAL COVERAGE WITH VENDOR.

SHEET NOTES ◇#

1. PROVIDE 120V CONNECTION TO DOOR OPERATOR INCLUDING COMPLETE CONNECTION TO DOOR PUSH-PLATE. COORDINATE WITH MANUFACTURER SHOP DRAWINGS
2. FOR DIGITAL SIGNAGE
3. FOR OPAC
4. ALTERNATE #6: PROVIDE 120V CONNECTION TO ELECTRIC SHADE MOTOR. REFER TO PLANS FOR WALLSTATION CONTROL LOCATION. SEE DIVISION 11.
5. POWER, DATA, AV CONNECTIVITY IN RECESSED MEDIA BOX. LEGRAND #FPIWMS OR APPROVED.
6. ROUGH-IN AT UNDERSIDE OF DESK, COORDINATE WITH ARCHITECT.
7. RAISE/LOWER SHADE CONTROL SWITCH. SEE DIVISION 11.
8. NEW TELECOM BACKBOARD. EXTEND EXISTING FIBER AND COMMUNICATION SERVICES TO THIS LOCATION. COORDINATE WITH LOCAL UTILITIES.
9. 1-1/4"C FOR PASS THROUGH HDMI CABLE

FLOOR BOX SCHEDULE

TAG	DESCRIPTION	POWER	LOW VOLTAGE	NOTES	BASIS OF DESIGN
PT1	2-GANG 4" FIRE RATED POKE THRU, RECESSED	1-GANG = (1) DUPLEX, 180VA	NONE	CONFIRM FINISH PLATES WITH ARCHITECT	LEGRAND EVOLUTION 4AT OR APPROVED
PT2	3-GANG 6" FIRE RATED POKE THRU, RECESSED	2-GANG = (2) DUPLEX, 360VA	1-GANG = DATA	CONFIRM FINISH PLATES WITH ARCHITECT	LEGRAND EVOLUTION 6AT OR APPROVED
PT3	3-GANG 6" FIRE RATED POKE THRU, RECESSED	2-GANG = (2) DUPLEX, 360VA	1-GANG = AV PASS-THRU	CONFIRM FINISH PLATES WITH ARCHITECT	LEGRAND EVOLUTION 6AT OR APPROVED

NOTES
1 PROVIDE REQUIRED MOUTNING BRACKETS FOR DEVICES INDICATED ON ELECTRICAL AND TECHNOLOGY PLANS
2 ARCHITECT TO CONFIRM COVERPLATE FINISH

1 UPPER FLOOR PLAN – POWER
SCALE: 3/16" = 1'-0"

JAYSON
ARCHITECTURE
587 Shotwell Street
San Francisco CA 94110
jaysonarch.com
415.317.0529

RIJA
www.rijainc.com
RIJA Project #: 2024009

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
RAYMOND JULIUS
No. E19586
Exp. 06-30-27
ELECTRICAL
STATE OF CALIFORNIA
Date Signed: 3/2/26

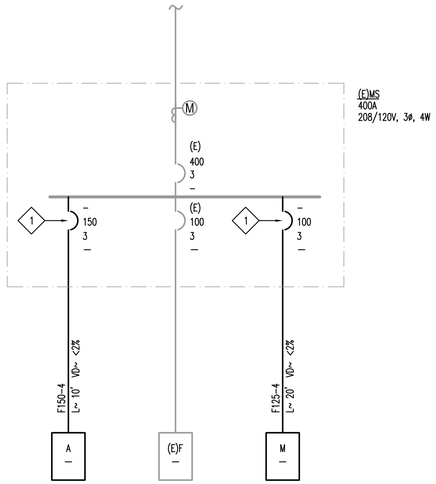
BID SET

SHEET TITLE
UPPER FLOOR PLAN - POWER

△ REVISIONS

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Code
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024.01
SHEET NUMBER
E-301



1 SINGLE LINE DIAGRAM

SCALE: NTS

SHEET NOTES

1. NEW CIRCUIT BREAKER TO MATCH EXISTING AIC RATING AND MANUFACTURER

GENERAL SHEET NOTES

A. DERATE WIRE SIZE PER NEC FOR NUMBER OF CURRENT CARRYING WIRES AND FOR AMBIENT TEMPERATURE OF 86F

B. FEEDERS SHOWN ARE COPPER CONDUCTORS WITH THHN/THWN INSULATION TYPE UNLESS NOTED OTHERWISE.

C. FEEDER LENGTH AND VOLTAGE DROP CALCULATIONS ARE FOR ESTIMATING VOLTAGE DROP AND SHORT CIRCUIT COORDINATION PURPOSES ONLY. CONTRACTOR SHALL USE ACTUAL FEEDER LENGTHS TO CALCULATE ACTUAL VOLTAGE DROP AND SHORT CIRCUIT VALUES.

D. THE CONTRACTOR SHALL PROVIDE AND INSTALL PERMANENT ARC FLASH WARNING LABELS FOR ALL NEW POWER DISTRIBUTION EQUIPMENT (CEC 110.16). LABEL SHALL BE FACTORY APPLIED AND MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRICAL ARC FLASH HAZARDS.

PANEL A

VOLTAGE: 208/120 V
PHASE/WIRE: 3 PH 4W
MAIN AMPS: 150 A
BUS AMPS: 225 A
AIC RATING 22000 A
MOUNTING: SURFACE

PHASE A: 6552 VA 54.6 A
PHASE B: 6033 VA 50.3 A
PHASE C: 6880 VA 57.3 A
CONNECTED: 19465 VA 54.1 A
DEMAND: 17421 VA 48.4 A

NOTES	LOAD DESCRIPTION	φ	VA		BKR	CKT	CKT	BKR	VA		φ	LOAD DESCRIPTION	NOTES
	LTG - REST.,LOBBY, OFFICE	A	1092	L	20/1	1	2	20/1	L	900	A	LTG - READING RM	
	LTG - EXTERIOR	B	193	L	20/1	3	4	20/1	L	900	B	LTG - READING RM	
	SPARE	C			20/1	5	6	20/1			C	SPARE	
	R - CHILDRENS	A	360	R	20/1	7	8	20/1	R	720	A	R - CIRC DEST	
	R - READING ROOM	B	540	R	20/1	9	10	20/1	R	1500	B	R - COPY MACHINE	
	R - READING ROOM	C	720	R	20/1	11	12	20/1	R	1080	C	R - MEETING RM	
	R - COMPUTER STN	A	1080	R	20/1	13	14	20/1	R	360	A	R - STAFF RM CNTR	
	R - REST/DF	B	540	R	20/1	15	16	20/1	R	360	B	R - STAFF RM CNTR	
	R - IDF	C	1500	R	20/1	17	18	20/1	R	1080	C	R - STAFF ROOM	
	R - IDF	A	1500	R	20/1	19	20	20/1	R	540	A	R - STOR/JAN/EXT	
	R - ELEC	B	1500	R	20/1	21	22	20/1	R	500	B	R - DOOR OPERATOR	
	R - EXTERIOR	C	1500	R	20/1	23	24	20/1	R	500	C	R - MOTOR SHADES	
	SPARE	A			20/1	25	26	20/1			A	SPARE	
	SPARE	B			20/1	27	28	20/1			B	SPARE	
	SPARE	C			20/1	29	30	20/1			C	SPARE	
	SPARE	A			20/1	31	32	20/1			A	SPARE	
	SPARE	B			20/1	33	34	20/1			B	SPARE	
	SPARE	C			20/1	35	36	20/1			C	SPARE	
	SPARE	A			20/1	37	38	20/1			A	SPARE	
	SPARE	B			20/1	39	40	20/1			B	SPARE	
1	FIRE ALARM CNTRL	C	500	C	20/1	41	42	20/1			C	SPARE	

GENERAL NOTES	SCHEDULE NOTES
a.	1. PROVIDE RED CIRCUIT BREAKER WITH LOCKABLE HASP.
b.	2.
c.	3.

LOAD TYPE	LOAD DESCRIPTION	CONNECTED (kVA)	SUBFED (kVA)	TOTAL BY TYPE (kVA)	DEMAND FACTOR (kVA)	DEMAND BY TYPE (kVA)
G	GENERAL	0.00	0.00	0.00	100%	0.00
L	LIGHTING	3.09	0.00	3.09	125%	3.86
R	RECEPTACLES	15.88	0.00	15.88	100%/50%	12.94
K	KITCHEN	0.00	0.00	0.00	100%	0.00
H	HEATING	0.00	0.00	0.00	100%	0.00
M	MOTORS	0.00	0.00	0.00	100%	0.00
LM	LARGEST MOTOR	0.00	0.00	0.00	125%	0.00
WH	WATER HEATER	0.00	0.00	0.00	125%	0.00
C	CONTINUOUS	0.50	0.00	0.50	125%	0.63

PANEL M

VOLTAGE: 208/120 V
PHASE/WIRE: 3 PH 4W
MAIN AMPS: 100 A
BUS AMPS: 100 A
AIC RATING 22000 A
MOUNTING: SURFACE

PHASE A: 4577 VA 38.1 A
PHASE B: 5250 VA 43.8 A
PHASE C: 5250 VA 43.8 A
CONNECTED: 15077 VA 41.9 A
DEMAND: 16327 VA 45.4 A

NOTES	LOAD DESCRIPTION	φ	VA		BKR	CKT	CKT	BKR	VA		φ	LOAD DESCRIPTION	NOTES
	HP-1	A	2467	M	40/3	1	2	20/1	M	1044	A	EF-5	
	-	B	2467	M	-	3	4	30/2	WH	2500	B	WH-1	
	-	C	2467	M	-	5	6	-	WH	2500	C	-	
	FCU-1	A	283	M	15/2	7	8	20/1	M	500	A	CP-1	
	-	B	283	M	-	9	10	20/1			B	SPARE	
	FCU-2	C	283	M	15/2	11	12	20/1			C	SPARE	
	-	A	283	M	-	13	14	20/1			A	SPARE	
	SPARE	B			20/1	15	16	20/1			B	SPARE	
	SPARE	C			20/1	17	18	20/1			C	SPARE	
	SPARE	A			20/1	19	20	20/1			A	SPARE	
	SPARE	B			20/1	21	22	20/1			B	SPARE	
	SPARE	C			20/1	23	24	20/1			C	SPARE	
	SPARE	A			20/1	25	26	20/1			A	SPARE	
	SPARE	B			20/1	27	28	20/1			B	SPARE	
	SPARE	C			20/1	29	30	20/1			C	SPARE	

GENERAL NOTES	SCHEDULE NOTES
a.	1.
b.	2.
c.	3.

LOAD TYPE	LOAD DESCRIPTION	CONNECTED (kVA)	SUBFED (kVA)	TOTAL BY TYPE (kVA)	DEMAND FACTOR (kVA)	DEMAND BY TYPE (kVA)
G	GENERAL	0.00	0.00	0.00	100%	0.00
L	LIGHTING	0.00	0.00	0.00	125%	0.00
R	RECEPTACLES	0.00	0.00	0.00	100%/50%	0.00
K	KITCHEN	0.00	0.00	0.00	100%	0.00
H	HEATING	0.00	0.00	0.00	100%	0.00
M	MOTORS	10.08	0.00	10.08	100%	10.08
LM	LARGEST MOTOR	0.00	0.00	0.00	125%	0.00
WH	WATER HEATER	5.00	0.00	5.00	125%	6.25
C	CONTINUOUS	0.00	0.00	0.00	125%	0.00

FEEDER SCHEDULE (COPPER)

FEEDER TAG	WIRE AND CONDUIT	MAXIMUM CIRCUIT BREAKER	ACTUAL FEEDER CAPACITY
	2 WIRE + GND		
F20-2	2 #12, 1#12 GND IN 3/4"C	20	20
F30-2	2 #10, 1#10 GND IN 3/4"C	30	30
F40-2	2 #8, 1#10 GND IN 3/4"C	40	40
F50-2	2 #6, 1#8 GND IN 3/4"C	60	55
F70-2	2 #4, 1#8 GND IN 1"C	70	70
F90-2	2 #2, 1#8 GND IN 1"C	90	95
F125-2	2 #1, 1#6 GND IN 1-1/4"C	125	130
	3 WIRE + GND		
F20-3	3 #12, 1#12 GND IN 3/4"C	20	20
F30-3	3 #10, 1#10 GND IN 3/4"C	30	30
F40-3	3 #8, 1#10 GND IN 1"C	40	40
F50-3	3 #6, 1#8 GND IN 1"C	60	55
F70-3	3 #4, 1#8 GND IN 1-1/4"C	70	70
F90-3	3 #2, 1#8 GND IN 1-1/4"C	90	95
F125-3	3 #1, 1#6 GND IN 1-1/2"C	125	130
F150-3	3 #1/0, 1#6 GND IN 1-1/2"C	150	150
F175-3	3 #2/0, 1#6 GND IN 2"C	175	175
F200-3	3 #3/0, 1#6 GND IN 2"C	200	200
F225-3	3 #4/0, 1#4 GND IN 2"C	225/250	230
	4 WIRE + GND		
F20-4	4 #12, 1#12 GND IN 3/4"C	20	20
F30-4	4 #10, 1#10 GND IN 3/4"C	30	30
F40-4	4 #8, 1#10 GND IN 1"C	40	40
F50-4	4 #6, 1#8 GND IN 1-1/4"C	60	55
F70-4	4 #4, 1#8 GND IN 1-1/4"C	70	70
F90-4	4 #2, 1#8 GND IN 1-1/2"C	90	95
F125-4	4 #1, 1#6 GND IN 2"C	125	130
F150-4	4 #1/0, 1#6 GND IN 2"C	150	150
F175-4	4 #2/0, 1#6 GND IN 2"C	175	175
F200-4	4 #3/0, 1#6 GND IN 2-1/2"C	200	200
F225-4	4 #4/0, 1#4 GND IN 2-1/2"C	225/250	230
F250-4	4 #250, 1#4 GND IN 3"C	250/300	255
F300-4	4 #350, 1#4 GND IN 3"C	300/350	310
F350-4	4 #500, 1#2 GND IN 4"C	350/400	380
F400-4	2 SETS (4 #3/0, 1#2 GND IN 2-1/2"C)	400	400

FEEDER SCHEDULE NOTES:

A. CONDUIT SIZES ARE MINIMUM.
B. USE MINIMUM 1"C FOR UNDERGROUND WORK
C. ABOVE 86 DEG. F AMBIENT, INCREASE WIRE SIZE PER NATIONAL ELECTRICAL CODE
D. DERATE WIRE SIZE PER NEC FOR MORE THAN THREE CURRENT CARRYING WIRES IN CONDUIT

SUMMARY OF MAXIMUM FEEDER AND BRANCH CIRCUIT LENGTHS

WIRE (AWG)	CIRCUIT AMPS (A)	MAXIMUM FEEDER LENGTH (ft)		MAXIMUM BRANCH CIRCUIT LENGTH (ft)	
		120V	208V	120V	208V
14	12	39	67	58	101
12	16	46	80	69	120
10	24	48	83	72	125
8	32	57	99	86	149
6	40	73	127	110	190
4	52	89	154	134	232
2	72	103	178	154	267
1/0	96	123	212	184	319
2/0	108	137	238	206	357
4/0	144	163	283	245	425
250	164	170	294	255	441
300	184	181	314	272	471
350	200	195	338	292	506
500	248	224	388	336	582

SUMMARY OF VOLT DROP LIMITS

CIRCUIT VOLTS (V)	2% VOLTAGE DROP (V)	3% VOLTAGE DROP (V)	TOTAL LOSS (V)
120	2.4	3.6	6.0
208	4.2	6.2	10.4

LUMINAIRE SCHEDULE - EXTERIOR

TYPE:	PA
DESCRIPTION:	4" PENDANT MOUNT CYLINDER
MOUNTING:	PENDANT
FINISH:	BLACK OR AS DIRECTED BY ARCHITECT
DRIVER/BALLAST:	INTEGRAL DRIVER 0-10V 1% DIM
LED/LAMPS:	3500K 93CRI, 2180L UP/ 4210L DOWN
WATTS:	75W
MANUFACTURER:	METEOR #DUO4-75-359-UNV-SPVS-60-WD-BLK-PL2 OR APPROVED
NOTES:	
TYPE:	WA
DESCRIPTION:	2FT LINEAR VANITY LED
MOUNTING:	WALL
FINISH:	BRONZE OR AS DIRECTED BY ARCHITECT
DRIVER/BALLAST:	INTEGRAL 0-10V 1% DIM
LED/LAMPS:	3500K, 90+CRI, 1150L
WATTS:	20W
MANUFACTURER:	OCL #EL1-S1SA-24-GW-BNP-LED2-935K-UNV-DM1-SJB OR APPROVED
NOTES:	
TYPE:	WB
DESCRIPTION:	WALL MOUNT DIRECT/INDIRECT
MOUNTING:	WALL, MUD-IN
FINISH:	WHITE OR AS DIRECTED BY ARCHITECT
DRIVER/BALLAST:	REMOTE DRIVER 0-10V 1% DIM
LED/LAMPS:	1526LM/FT, 3500K, 90CRI
WATTS:	13.2W PER FOOT
MANUFACTURER:	VODE ZIPTHREE #707-Z3-SL-X-X-M1-0-RP10-AE-1-0 #Z-SO-35-U2A1-0-WH OR APPROVED
NOTES:	OPTION #EMLED AS SHOWN ON PLANS
TYPE:	BA
DESCRIPTION:	4FT LINEAR BACK OF HOUSE LED
MOUNTING:	SURFACE / CHAIN
FINISH:	BLACK OR AS DIRECTED BY ARCHITECT
DRIVER/BALLAST:	INTEGRAL 0-10V 1% DIM
LED/LAMPS:	3500K, 80CRI, 3812LL
WATTS:	30W
MANUFACTURER:	DAY BRITE #FSS-4-40L-835-UNV-DIM-BK OR APPROVED
NOTES:	OPTION #EMLED AS SHOWN ON PLANS
TYPE:	RA
DESCRIPTION:	3" LED DOWNLIGHT LOW-LUMEN OUTPUT
MOUNTING:	RECESSED
FINISH:	WHITE
DRIVER/BALLAST:	INTEGRAL 0-10V 1% DIM
LED/LAMPS:	2060L, 3500K, 90CRI
WATTS:	20W
MANUFACTURER:	ALPHABET #NU3-QD-25LM-35K-90-HE60-WH-WH-NC-UNV-DIM10 OR APPROVED
NOTES:	OPTION #EM7 AS SHOWN ON PLANS
TYPE:	RAA
DESCRIPTION:	3" LED DOWNLIGHT HI-LUMEN OUTPUT
MOUNTING:	RECESSED
FINISH:	WHITE
DRIVER/BALLAST:	INTEGRAL 0-10V 1% DIM
LED/LAMPS:	3190L, 3500K, 90CRI
WATTS:	32W
MANUFACTURER:	ALPHABET #NU3-QD-40LM-35K-90-HE60-WH-WH-NC-UNV-DIM10 OR APPROVED
NOTES:	OPTION #EM7 AS SHOWN ON PLANS
TYPE:	RAB
DESCRIPTION:	3" LED DOWNLIGHT WALL-WASH
MOUNTING:	RECESSED
FINISH:	WHITE
DRIVER/BALLAST:	INTEGRAL 0-10V 1% DIM
LED/LAMPS:	202LM, 3500K, 90CRI
WATTS:	27W
MANUFACTURER:	ALPHABET #NU3-QW-SW-30LM-35K-90-WW-WH-WH-NC-UNV-DIM10 OR APPROVED
NOTES:	
TYPE:	RB
DESCRIPTION:	RECESSED 2X2 LED LENSED TROFFER
MOUNTING:	RECESSED
FINISH:	STANDARD
DRIVER/BALLAST:	INTEGRAL 0-10V 1% DIM
LED/LAMPS:	3500K, 90CRI, 3126L
WATTS:	27W
MANUFACTURER:	FLUXWERX #TR1-22-B-90-E1-M OR APPROVED
NOTES:	
TYPE:	UC
DESCRIPTION:	UNDERCOUNTER LED LIGHT, 32-3/8"L
MOUNTING:	SURFACE UNDERCABINET
FINISH:	WHITE
DRIVER/BALLAST:	INTEGRAL DRIVER ON/OFF
LED/LAMPS:	1350L, SWITCHABLE CCT, 90CRI
WATTS:	18W
MANUFACTURER:	BRUCK #138546-32-3CCT-90-120-WH, #138527WH
NOTES:	
TYPE:	XA
DESCRIPTION:	EDGE LIT EXIT SIGN
MOUNTING:	RECESSED
FINISH:	BY ARCHICTECT
DRIVER/BALLAST:	INTEGRAL 90MIN BATTERY
LED/LAMPS:	GREEN CHEVRON AND LETTERING
WATTS:	5W
MANUFACTURER:	WILLIAMS #EXIT/EL/RECESSED-SF-G-MP-XXX-EM-SDT-D OR APPROVED
NOTES:	PROVIDE WALL MOUNT OPTION

LUMINAIRE SCHEDULE - EXTERIOR

TYPE:	EXA
DESCRIPTION:	SHIELDED WALL LUMINAIRE
MOUNTING:	WALL
FINISH:	SELECTED BY ARCHITECT
DRIVER/BALLAST:	0-10V INTEGRAL
LED/LAMPS:	2030L, 90CRI, 3000K
WATTS:	18W
MANUFACTURER:	BEGA #22 449 OR APPROVED
NOTES:	
TYPE:	EXB
DESCRIPTION:	CYLINDER SCONCE
MOUNTING:	WALL
FINISH:	SELECTED BY ARCHITECT
DRIVER/BALLAST:	0-10V INTEGRAL
LED/LAMPS:	652L, 80CRI, 3000K
WATTS:	10.5W
MANUFACTURER:	BEGA #B66655 OR APPROVED
NOTES:	
TYPE:	EXC
DESCRIPTION:	RECESSED WALL LUMINAIRE
MOUNTING:	RECESSED IN STONE WALL
FINISH:	SELECTED BY ARCHITECT
DRIVER/BALLAST:	0-10V INTEGRAL
LED/LAMPS:	565L, 80CRI, 3000K
WATTS:	11W
MANUFACTURER:	BEGA #B24152 OR APPROVED
NOTES:	
TYPE:	EXD
DESCRIPTION:	LED TAPE LIGHT
MOUNTING:	UNDERSIDE OF HANDRAIL
FINISH:	
DRIVER/BALLAST:	REMOTE POWER SUPPLY #Q-SET-Mled180W-120-24VDC
LED/LAMPS:	3000K
WATTS:	1.5W/LNFT
MANUFACTURER:	QTRAN #SW-HE24/1.5-IP67-30-CON6-CON6-BK-CL2-(LENGTH PER PLAN) OR APPROVED
NOTES:	

GENERAL LUMINAIRE SCHEDULE NOTES

A. THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS.

B. DIMMING CONTROL PROTOCOL (0–10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS.

C. COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN.

D. SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED.

E. PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND BALLAST INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.

F. PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH CALIFORNIA TITLE 24 LIGHTING COMMISSIONING REQUIREMENTS

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415.317.0529

RIJA
www.rijainc.com
RIJA Project #: 2024009

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER — RAYMOND JULIUS LOW — No. E19586 Exp. 06-30-27 — ELECTRICAL — STATE OF CALIFORNIA

Date Signed: 3/2/26

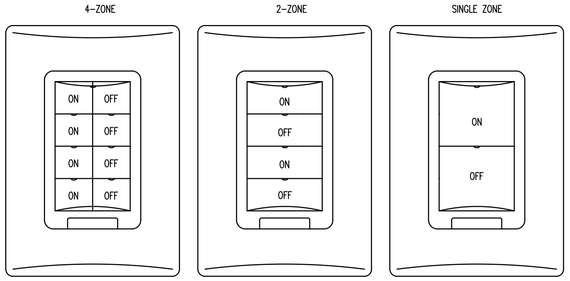
BID SET

SHEET TITLE
SCHEDULES & SLD

REVISIONS

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Code
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024.01
SHEET NUMBER
E-401



DETAIL NOTES

A. TYPICAL SWITCHBANK CONFIGURATIONS SHOWN. EACH ZONE SHOWN ON PLAN SHALL HAVE A DEDICATED BUTTON CONTROL.

B. HOLD BUTTON FOR DIM UP/DOWN.

C. PROVIDE ENGRAVED LABELING PER CLIENT

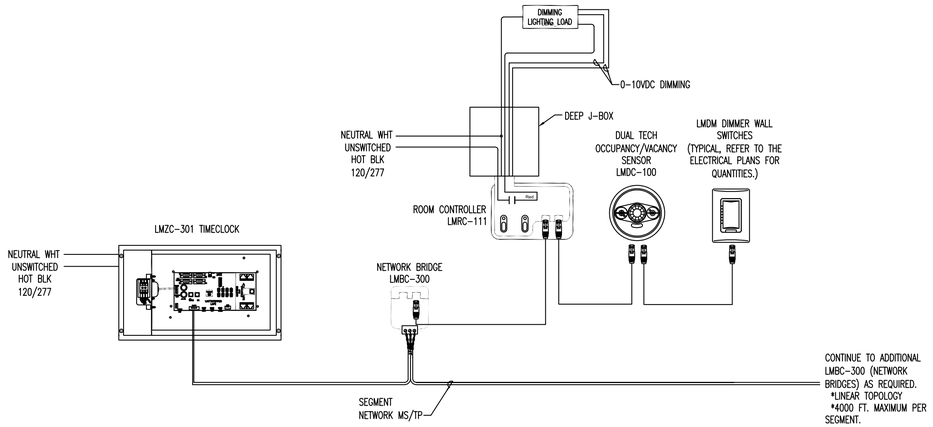
D. PROVIDE # OF BUTTONS AS REQUIRED. UNUSED BUTTONS SHALL BE SPARES.

E. COORDINATE WITH OWNER AND ARCHITECT FOR ENGRAVING OF BUTTONS AND FACEPLATES. COORDINATE FINAL FINISHES WITH ARCHITECT.

F. COORDINATE PRESETS WITH CLIENT AND PROVIDE ENGRAVING AS REQUIRED.

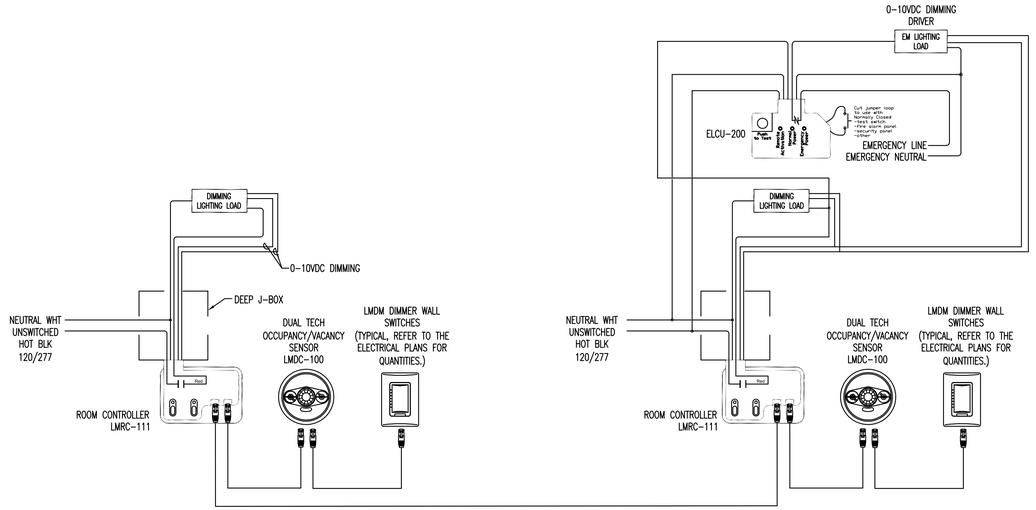
3 WALL STATION ELEVATIONS

SCALE: NO SCALE



1 LMZC TIME CLOCK & ZONE CONTROLLER

SCALE: NO SCALE



2 ON-OFF-DIM VIA OCCUPANCY SENSOR

SCALE: NO SCALE

WATTSTOPPER DLM - GENERAL NOTES

A. BASIS OF DESIGN IS WATTSTOPPER DLM. CONTRACTOR TO PROVIDE ALL PARTS, DEVICES, WIRING, APPURTENANCES, AND ASSOCIATED LABOR FOR A COMPLETE INSTALLATION. PROVIDE COMPLETE SHOP DRAWINGS PREPARED BY MANUFACTURER FOR EEOR REVIEW.

B. ALL SENSOR LOCATIONS ARE APPROXIMATE AND SHOWN FOR DESIGN INTENT ONLY. LOCATE SENSORS PER MANUFACTURER GUIDELINES AND INSTALLATION MANUAL. PROVIDE QUANTITIES AND LOCATIONS AS REQUIRED FOR PROPER SENSING. FINAL DEVICE LAYOUT SHALL BE SUBMITTED AS A SHOP DRAWING AS PART OF SUBMITTAL REVIEW. SHOP DRAWING APPROVAL IS REQUIRED PRIOR TO PROCUREMENT AND ROUGH-IN.

C. LOCATE SENSOR MINIMUM 5 FEET FROM ANY AIR SUPPLY AND/OR RETURN REGISTERS.

D. THE CONTRACTOR SHALL COMMISSION SENSITIVITY AND TIME DELAY SETTINGS AND PROVIDE TITLE 24 COMMISIONING DOCUMENTS.

E. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED OCCUPANCY SENSOR POWER PACKS. PROVIDE J-BOXES WITH BLANK FACEPLATES AT CEILING.

F. ROOM CONTROLLERS SHALL BE MOUNTED IN AN ACCESSIBLE LOCATION, INSIDE A MULTI-GANG J-BOX WITH BLANK FACEPLATE, CONCEALED IN CABINETRY, ABOVE DROP CEILING/CLOUD, OR AT A NEARBY REMOTE LOCATION. COORDINATE FINAL LOCATION OF DEVICES WITH ARCHITECT.

G. PROVIDE QUANTITIES AS REQUIRED FOR A COMPLETE SYSTEM. ONE ROOM CONTROLLER IS REQUIRED FOR EACH LIGHTING CIRCUIT. PROVIDE ROOM CONTROLLER SERIES WITH THE FOLLOWING THREE SWITCHING ZONES (INCLUDING MULTIPLE DAYLIGHT SWITCHING ZONES) AND CONTINUOUS DIMMING CAPABILITIES.

H. LMRJ SERIES PRE-TERMINATED CABLES OR CAT5E IS ACCEPTABLE. MANUFACTURER RECOMMENDS PROVIDING LMRJ SERIES PRE-TERMINATED CABLES FOR EASE OF INSTALLATION.

I. COORDINATE WITH MANUFACTURER SO THAT DEVICES ALLOW FOR OPEN TOPOLOGY, AND DO NOT REQUIRE ADDITIONAL CLASS 2 0-10V CONTROL WIRING. DEVICES SHALL HAVE NETWORK CAPABILITY FOR FUTURE USE.

J. ALL PART NUMBERS SHOWN ARE BY WATTSTOPPER. SEE MANUFACTURER'S WEBSITE FOR SUPPORT DOCUMENTATION AND TECHNICAL SUPPORT.

K. SYSTEM SHALL HAVE NETWORK CAPABILITY FOR AUTOMATIC DEMAND RESPONSE VIA BMS OR THIRD PARTY SIGNALLY DEVICE.

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RIJA
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RIJA Project #: 2024009

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

Date Signed: 3/2/26

BID SET

SHEET TITLE

DETAILS

REVISIONS

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Codes
Date 03/17/26
Subject to Field Approval, Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024.01
SHEET NUMBER
E-501

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
This document is used to demonstrate compliance with mandatory requirements in 130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and 160.6 and 160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per 141.0(a) or 141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per 180.1(a) or 180.2 (b)4Bvii	
Project Name: North Folk Library	**Report Page:** (Page 1 of 4)
Project Address:	**Date Prepared:** 2025-07-24T08:29:46-04:00

A. GENERAL INFORMATION

01	Project Location (city)	North Fork	02	Climate Zone	16
			03	Occupancy Types Within Project:	Library

B. PROJECT SCOPE

This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Scope of Work [1]	Rating[2] (kVA)	Utility Provided Metering System Exception to 130.5(a)/160.6(a)[3]	System subject to CA Elec Code Article 517 Exception to 130.5(a)and (b)	Demand Response Controls	Provides power to dwelling units/common living areas only in multifamily occupancy
E-301	Add/Alt to feeders and branch circuits only	---	☐	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections 120.2/160.3, 130.1/160.5, and 130.3/160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

[1]FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.
[2] If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.
[3] Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: North Folk Library	**Report Page:** (Page 3 of 4)
	Date Prepared: 2025-07-24T08:29:46-04:00

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection 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-ELC-E - Must be submitted for all buildings

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no NRCA forms required for this project.

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: North Folk Library	**Report Page:** (Page 2 of 4)
	Date Prepared: 2025-07-24T08:29:46-04:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through J. 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.

01		02		03		04	05	06
Service Electrical Metering 130.5(a)/ 160.6(a) (See Table F)	AND	Separation for Monitoring 130.5(b)/ 160.6(b) (See Table G)	AND	Voltage Drop 130.5(c)/ 160.6(c) (See Table H)	AND	Controlled Receptacles 130.5(d)/ 160.6(d) (See Table I)	Electric Ready 160.9 (See Table J)	**Compliance Results**
	AND		AND	Yes	AND			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.

H. VOLTAGE DROP

This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with 130.5(c)/ 160.6(c). For alterations, only the altered circuits must demonstrate compliance per 141.0(b)2Piii/ 180.2(b)4Bviic.

01	02			03	04	05	
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method			Location of Voltage Drop Calculations[1]	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
						Pass	Fail
E-301	☒	Voltage drop less than 5%	☐ Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	E-401	☐	☐

** NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.*

[1] FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: North Folk Library	**Report Page:** (Page 4 of 4)
Project Address: 32908 ROAD 222 NORTH FORK, CA 93643	**Date Prepared:** 2025-07-24T08:29:46-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Ray A. Juachon, PE	Documentation Author Signature:
Company: RIJA, Inc.	Signature Date: 07/24/2025
Address: 5515 Doyle Street, #7	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Emeryville, CA 94608	Phone: 415.730.7994

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: Ray A. Juachon, PE	Responsible Designer Signature:
Company: RIJA, Inc.	Date Signed: 07/24/2025
Address: 5515 Doyle Street, #7	License: E19586
City/State/Zip: Emeryville, CA 94608	Phone: 415.730.7994

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OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
RAY A. JUACHON
No. E19586
Exp. 06-30-27
ELECTRICAL
STATE OF CALIFORNIA

Date Signed: 3/2/26

BID SET

SHEET TITLE
ENERGY COMPLIANCE FORMS

△ REVISIONS

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Codes
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DATE 03/06/2026
SCALE
JOB NO. 2024.01
SHEET NUMBER
E-601

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
LOBBY - 201	Main Entry Lobby	Readily Accessible	Dimmer	Auto. Time Switch	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
RESTROOM - 202 & 203	Restroom	Readily Accessible	NA: Restrooms	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
READING ROOM - 204	Library - Stacks	Readily Accessible	Dimmer	Auto. Time Switch	Included	Included	No	☐	☐
CIRCULATION DESK - 205	Main Entry Lobby	Readily Accessible	Dimmer	Auto. Time Switch	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
STAFF ROOM - 207	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
STORAGE & JANITOR - 206, 208	All Other Space Types	Auth. Personnel	Multilevel Switch	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
MEETING ROOM - 210	Conference, Multipurpose and Meeting Area	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CHILDREN'S - 211	Library - Stacks	Readily Accessible	Dimmer	Auto. Time Switch	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
					13				
					Plan Sheet Showing Daylit Zones:				
					E-201				

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/ft^2)	Area (ft^2)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
LOBBY - 201	Main Entry Lobby	0.7	256	179.2	No	No
RESTROOM - 202 & 203	Restroom	0.65	142	92.3	No	No
READING ROOM - 204	Library - Stacks	1	1,232	1,232	No	No
CIRCULATION DESK - 205	Main Entry Lobby	0.7	78	54.6	No	No
STAFF ROOM - 207	Office (<=250 square feet)	0.65	210	136.5	No	No
MEETING ROOM - 210	Conference, Multipurpose and Meeting Area	0.75	225	168.75	No	No
CHILDREN'S - 211	Library - Stacks	1	285	285	No	No
		TOTALS:	2,428	2,148.35	See Tables J, or P for detail	

Unconditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft^2)	Area (ft^2)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
STORAGE & JANITOR - 206, 208	All Other Space Types	0.4	300	120	No	No
		TOTALS:	300	120	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.

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

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.	LOBBY - 201; RESTROOM - 202 & 203; READING ROOM - 204; CIRCULATION DESK - 205; STAFF ROOM - 207; STORAGE & JANITOR - 206, 208; MEETING ROOM - 210; CHILDREN'S - 211
NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	READING ROOM - 204

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RIJA
www.rijainc.com
RIJA Project #: 2024009

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
RAJA JULIAN
No. E19586
Exp. 06-30-27
ELECTRICAL
STATE OF CALIFORNIA

Date Signed: 3/2/26

BID SET

SHEET TITLE
ENERGY COMPLIANCE FORMS

△ REVISIONS

County of Madera – CED Building and Safety Division
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Date 03/17/26
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DATE 03/06/2026
SCALE
JOB NO. 2024.01
SHEET NUMBER
E-602

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
LOBBY - 201	Main Entry Lobby	Readily Accessible	Dimmer	Auto. Time Switch	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
RESTROOM - 202 & 203	Restroom	Readily Accessible	NA: Restrooms	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
READING ROOM - 204	Library - Stacks	Readily Accessible	Dimmer	Auto. Time Switch	Included	Included	No	☐	☐
CIRCULATION DESK - 205	Main Entry Lobby	Readily Accessible	Dimmer	Auto. Time Switch	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
STAFF ROOM - 207	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
STORAGE & JANITOR - 206, 208	All Other Space Types	Auth. Personnel	Multilevel Switch	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
MEETING ROOM - 210	Conference, Multipurpose and Meeting Area	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CHILDREN'S - 211	Library - Stacks	Readily Accessible	Dimmer	Auto. Time Switch	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
					13				
					Plan Sheet Showing Daylit Zones:				
					E-201				

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/ft^2)	Area (ft^2)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
LOBBY - 201	Main Entry Lobby	0.7	256	179.2	No	No
RESTROOM - 202 & 203	Restroom	0.65	142	92.3	No	No
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CIRCULATION DESK - 205	Main Entry Lobby	0.7	78	54.6	No	No
STAFF ROOM - 207	Office (<=250 square feet)	0.65	210	136.5	No	No
MEETING ROOM - 210	Conference, Multipurpose and Meeting Area	0.75	225	168.75	No	No
CHILDREN'S - 211	Library - Stacks	1	285	285	No	No
		TOTALS:	2,428	2,148.35	See Tables J, or P for detail	

Unconditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft^2)	Area (ft^2)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
STORAGE & JANITOR - 206, 208	All Other Space Types	0.4	300	120	No	No
		TOTALS:	300	120	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.

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

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Form/Title
NRCI-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

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Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	LOBBY - 201; RESTROOM - 202 & 203; READING ROOM - 204; CIRCULATION DESK - 205; STAFF ROOM - 207; STORAGE & JANITOR - 206, 208; MEETING ROOM - 210; CHILDREN'S - 211
NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	READING ROOM - 204

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RIJA Project #: 2024009

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION

32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER
RAYMOND JULIAN JAYSON
No. E19586
Exp. 06-30-27
ELECTRICAL
STATE OF CALIFORNIA

Date Signed: 3/2/26

BID SET

SHEET TITLE
ENERGY COMPLIANCE FORMS

△ REVISIONS

County of Madera – CED Building and Safety Division
Plans Approved under the 2022 California Building Code
Date 03/17/26
* Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024-01
SHEET NUMBER
E-603

STATE OF CALIFORNIA

Indoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: North Folk Library	**Report Page:** (Page 9 of 9)
Project Address: 32908 ROAD 222 NORTH FORK, CA 93643	**Date Prepared:** 2025-07-24T02:53:35-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Ray A. Juachon, PE	Documentation Author Signature:
Company: RIJA, Inc.	Signature Date: 07/24/2025
Address: 5515 Doyle Street, #7	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Emeryville, CA 94608	Phone: 415.730.7994

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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1. The information provided on this Certificate of Compliance is true and correct.
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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 provided to the building owner at occupancy.

Responsible Designer Name: Ray A. Juachon, PE	Responsible Designer Signature:
Company: RIJA, Inc.	Date Signed: 07/24/2025
Address: 5515 Doyle Street, #7	License: E19586
City/State/Zip: Emeryville, CA 94608	Phone: 415.730.7994

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: North Folk Library	**Report Page:** (Page 2 of 7)
	Date Prepared: 2025-07-24T03:14:20-04:00

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**
288.21	+	---	+	---	+	---	+	---	OR	---	=	288.21	≥	274.8	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
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: North Folk Library	**Report Page:** (Page 1 of 7)
Project Address:	**Date Prepared:** 2025-07-24T03:14:20-04:00

A. GENERAL INFORMATION

01	Project Location (city)	North Fork	04	Total Illuminated Hardscape Area (ft²)	3235
02	Climate Zone	16			
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				
● Library					

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: North Folk Library	**Report Page:** (Page 3 of 7)
	Date Prepared: 2025-07-24T03:14:20-04:00

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
EXA	SHIELDED WALL LUMINAIRE	☐ Linear	12	Mfr. Spec	2	New	☐	24	NA: < 6200 lumens	☐	☐
EXB	CYLINDER SCONCE	☐ Linear	10.5	Mfr. Spec	1	New	☐	10.5	NA: < 6200 lumens	☐	☐
EXC	RECESSED WALL LUMINAIRE	☐ Linear	11	Mfr. Spec	12	New	☐	132	NA: < 6200 lumens	☐	☐
EXD	LED TAPE LIGHT	☐ Linear	108.3	Mfr. Spec	1	New	☐	108.3	NA: < 6200 lumens	☐	☐
							Total Design Watts:	274.8			

* 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)*

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San Francisco CA 94110
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RIJA
www.rijainc.com
RIJA Project #: 2024009

OWNER

MADERA COUNTY

PROJECT

NORTH FORK BRANCH LIBRARY RENOVATION
32908 ROAD 222
NORTH FORK, CA 93643

REGISTERED PROFESSIONAL ENGINEER RAY A. JUACHON No. E19586 Exp. 06-30-27 ELECTRICAL STATE OF CALIFORNIA

Date Signed: 3/2/26

BID SET

SHEET TITLE
ENERGY COMPLIANCE FORMS

△ REVISIONS

County of Madera – CED Building Division
Plans Approved under the 2022 California Building Codes
Date 03/17/26
Subject to Field Approval; Laws, Codes and Ordinances, not valid without signature

DATE 03/06/2026
SCALE
JOB NO. 2024.01
SHEET NUMBER
E-604

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

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
WALKWAY: "EXD"	Astronomical Timer	Provided	NA: Facade, etc. <24 ft	☐	☐
MAIN ENTRY & ADA VAN SPACE: "EXA"	Astronomical Timer	Provided	NA: Facade, etc. <24 ft	☐	☐
MAIN ENTRY & ADA VAN SPACE: "EXC"	Astronomical Timer	Provided	NA: Facade, etc. <24 ft	☐	☐
BULDING FACADE: "EXB"	Astronomical Timer	Provided	NA: Facade, etc. <24 ft	☐	☐
BULDING FACADE: "EXC"	Astronomical Timer	Provided	NA: Facade, etc. <24 ft	☐	☐

[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.*

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				
	"Use it or lose it" Allowance (select all that apply) (select all that apply)			
☒ General Hardscape Allowance Table I (below)	☐ 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)	
WALKWAY	615	0.016	9.84	150	0.13	19.5	29.34
MAIN ENTRY & ADA VAN SPACE	1225	0.016	19.6	165	0.13	21.45	41.05
BULDING FACADE	1395	0.016	22.32	350	0.13	45.5	67.82
					Initial Wattage Allowance for Entire Site (Watts):		150
					Instances of Initial Wattage Allowance (LZ 0 only)[1]		
					Total General Hardscape Allowance (Watts):		288.21

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.

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.	WALKWAY: "EXD"; MAIN ENTRY & ADA VAN SPACE: "EXA"; MAIN ENTRY & ADA VAN SPACE: "EXC"; BULDING FACADE: "EXB"; BULDING FACADE: "EXC"

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Ray A. Juachon, PE	Documentation Author Signature:
Company: RIJA, Inc.	Signature Date: 07/24/2025
Address: 5515 Doyle Street, #7	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Emeryville, CA 94608	Phone: 415.730.7994

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 provided to the building owner at occupancy.

Responsible Designer Name: Ray A. Juachon, PE	Responsible Designer Signature:
Company: RIJA, Inc.	Date Signed: 07/24/2025
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RIJA Project #: 2024009

OWNER

MADERA COUNTY

PROJECT

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REGISTERED PROFESSIONAL ENGINEER
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No. E19586
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ELECTRICAL
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Date Signed: 3/2/26

BID SET

SHEET TITLE
ENERGY COMPLIANCE FORMS

△ REVISIONS

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Plans Approved under the 2022 California Building Codes
Date 03/17/26
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DATE 03/06/2026
SCALE
JOB NO. 2024.01
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