CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL VERIFY ON SITE ALL DIMENSIONS PRIOR TO STARTING WORK. THE DESIGNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. UNLESS OTHERWISE NOTED OR SHOWN, ALL PHASES OF WORK ARE TO CONFORM TO THE MINIMUM STANDARDS OF THE CALIFORNIA BUILDING CODE (LATEST GOVERNING EDITION), LOCAL BUILDING CODES AND THOSE ASTM SPECIFICATIONS UPON WHICH THE STANDARDS ARE BASED. WHERE CONFLICTS BETWEEN BUILDING CODES AND SPECIFICATIONS OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
3. ALL ASTM DESIGNATIONS REFERRED TO ON THESE DRAWINGS SHALL BE THE LATEST ADOPTED OR REVISED SPECIFICATIONS.
4. ALL DIMENSIONS TO TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS.
5. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
6. THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, UNLESS OTHERWISE NOTED OR SHOWN. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK TO COMPLETION OF THE PROJECT, AS INDICATED IN THE CONTRACT DOCUMENTS, AND HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS AND PROCEDURES.
7. DETAILS: CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED THE SAME AS SIMILAR CONDITIONS DETAILED AND/OR INDICATED ON THE PLANS.
8. NAILING: NAILING NOT SHOWN ON THE PLANS SHALL BE IN ACCORDANCE OF GOVERNING BUILDING CODES.
9. PROVIDE ALL TEMPORARY BRACING, SHORING AND GUYING TO AVOID EXCESSIVE STRESSES ON STRUCTURAL ELEMENTS, AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING ERECTION.
10. CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARANCE AND EARTHWORK OPERATIONS OR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, CISTERNS, FOUNTAINS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
11. DO NOT CUT OR TRIM ANY TREES ON THE PROPERTY UNLESS OTHERWISE NOTED OR DIRECTED BY DESIGNER AND OWNER. AVOID FILLING OR CUTTING AROUND EXISTING TREES TO REMAIN. PROTECT THESE TREES WITH BARRIERS DURING CONSTRUCTION.
12. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED ROOF. LOAD SHALL NOT EXCEED DESIGN LIVE LOAD FOR EACH PARTICULAR LEVEL.
13. CONTRACTOR SHALL PROTECT THE ADJOINING PROPERTY DURING EXCAVATION. PROTECTION SHALL BE SUCH THAT ANY EARTH OF THE ADJOINING PROPERTY WILL NOT CAVE-IN OR SETTLE.
14. THE CONTRACTOR SHALL NOTIFY THE "OWNER" OF ANY CONDITION REQUIRING MODIFICATION OR CHANGE, BEFORE PROCEEDING WITH WORK.
15. ALL CONSTRUCTION TO PROVIDE A WATERPROOFED AND WEATHER TIGHT. CONTRACTOR SHALL SEAL AS NECESSARY TO ACHIEVE THIS REQUIREMENT USING APPROVED METHODS AND MATERIALS AND FOLLOWING ALL PRODUCT MANUFACTURERS INSTRUCTIONS.
16. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF CALIFORNIA.
17. CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING CONDITIONS SHOWN ON THE DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
18. SHEET METAL & FLASHING: PROVIDE AND INSTALL SHEET METAL AND OR COPPER FLASHING AS DETAILED AND REQUIRED TO INSURE WATERTIGHT ASSEMBLY. ALL PIECES SHALL BE FABRICATED IN MAXIMUM PRACTICAL LENGTHS, FREE OF WARPS, BUCKLES AND DENTS AND OTHER DEFECTS.
19. ALL HOSES USED FOR ANY CONSTRUCTION ACTIVITIES SHALL BE EQUIPPED WITH A SHUT OFF NOZZLE. WHEN AN AUTOMATIC SHUT OFF CAN NOT BE PURCHASED OR OTHERWISE OBTAINED FOR THE SIZE & TYPE OF HOSE IN USE, THE NOZZLE SHALL BE AN AUTOMATIC SHUT OFF NOZZLE. ORD 3522 6(K).
20. FIRE BLOCK STUD WALLS (@ 10' INTERVALS/HORIZ. & VERT), ENCLOSED AND CONCEALED SPACES, AND AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS,ATTIC AND CHIMNEY CHASE, STAIR STRINGERS, AND SIMILAR PLACES AT CEILING AND FLOOR LEVELS CRC R302.11
21. AFTER COMMENCEMENT OF WORK, ANY FAULTS IN CONSTRUCTION DUE IN PART TO ERRORS IN THE CONSTRUCTION DOCUMENTS, SHALL BE CORRECTED BY CONTRACTOR OR SUBCONTRACTOR.
22. ALL GLAZING, AND VENTS CONSTRUCTION TO COMPLY WITH HIGH FIRE HAZARD AREA/FIRE HAZARD SEVERITY ZONE REQUIREMENTS. VCBC CHAPTER 7A, VCFC ORD 30.
23. PROVIDE EMERGENCY EXIT DOOR MIN. 32" CLEAR INTERIOR FRAME TO INTERIOR FRAME.
24. AFTER COMMENCEMENT OF WORK, ANY DELAYS, PROBLEMS OR FAULTS IN CONSTRUCTION DUE IN FULL OR PART TO ERRORS OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE PERSON RESPONSIBLE FOR PREPARING THE CONSTRUCTION DOCUMENTS. THE LIA- BILITY FOR ERRORS AND OMISSIONS IN THE CONSTRUCTION DOCUMENTS SHALL NOT EXCEED ANY FEES PAID TO THE THE PERSON RESPONSIBLE FOR PREPARING THE CONSTRUCTION DOCUMENTS.
25. ALL DUCT SYSTEMS FOR HVAC ARE TO BE SIZED PER ACCA 29-D (MANUAL D) OR EQUIVALENT. ALL HVAC SYSTEM EQUIPMENT TO BE SELECTED ACCORDING TO ACCA 36-S(MANUAL S) OR EQUIVALENT. ALL HVAC SYSTEMS ARE TO BE INSTALLERS AND TO BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS.

FIRE DEPARTMENT NOTES:

1. ALL CONSTRUCTION TO COMPLY WITH HIGH FIRE HAZARD REQUIREMENTS PER VCBC SEC. CBC CHAPTER 7A FDP 22
2. ADDRESS:

   (a) THE ADDRESS SHALL BE VISIBLE AND LEGIBLE FROM THE STREET OR FRONTAGE ROAD.

   (b) THE ADDRESS NUMBERS SHALL BE OF MINIMUM FOUR INCHES (4") IN HEIGHT.

   (c) THE ADDRESS NUMBERS SHALL BE CONTRASTING COLORS TO THEIR BACKGROUND.

   BRASS OR GOLD NUMBERS SHALL NOT BE POSTED. (ADDRESS NUMBERS ON CURB ARE NOT ACCEPTABLE).

   (d) PERMANENT ADDRESS NUMBERS SHALL BE PROVIDED ON THE MAILBOX OR ON A PERMANENT SIGN OR POST ADJACENT TO THE DRIVEWAY ENTRANCE OF A FLAG LOT.
3. NO PERSON MAY TAP INTO ANY FIRE HYDRANT FOR ANY PURPOSE OTHER THAN FIRE SUPPRESSION OR EMERGENCY AID WITH OUT FIRST OBTAINING WRITTEN APPROVAL FROM THE WATER PURVEYOR SUPPLYING WATER TO THE HYDRANT & FROM THE CITY/COUNTY HEALTH DEPARTMENT. ORD 3522, SECTION 6(L).

SOILS NOTES:

1. SOIL COMPACTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
2. SOIL ENGINEER SHALL INSPECT FOUNDATION PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION. EVIDENCE OF SUCH INSPECTION SHALL BE PROVIDED TO THE BUILDING INSPE- CTOR AT FOUNDATION INSPECTION.

CITY OF SANTA PAULA
THE APPROVAL OF THESE PLANS AND SPECIFICATIONS SHALL NOT BE DEEMED OR CONSTRUED TO BE AN APPROVAL FOR VIOLATION OF THE PROVISIONS OF THE CITY OF SANTA PAULA MUNICIPAL CODE, STATE LAW OR OTHER REGULATORY AGENCIES
Danny Schultz
10/21/26
AUTHORIZED DATE

APPROVED
PLANNING DIVISION
10/20/26 AS-26-0004
BY: Tom Tarantino PED Manager
NOTES:
COMMUNITY & ECONOMIC DEVELOPMENT DEPT

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA CRC R301.2					
SEISMIC DESIGN CRITERIA	BASIC WIND SPEED (mph)	GROUND SNOW LOAD (psf)/ELEVATION(ft.)	CLIMATE ZONE	FLOOD ZONE DESIGNATION	DESIGN FLOOD ELEVATION
E	110 mph	NA	9	X	NA

DEFERRED SUBMITTALS FOR: LANDSCAPE & SOLAR

SHEET INDEX:

#	SHEET	DESCRIPTION	SCALE
		ARCHITECTURAL	
1	A 0.0	TITLE SHEET, MAPS, PROJECT DATA & GENERAL NOTES	AS NOTED
2	A 1.0	(E) OVERALL SITE PLAN	1"=20'
3	A 1.1	(N)OVERALL SITE MASTER PLAN	1"=20'
4	A 1.2	(E) SITE DEMOLITION PLAN	1/8"=1'-0"
5	A 1.3	(N) SITE PLAN	1/8"=1'-0"
6	A 1.4	(E) FLOOR PLAN	3/16"=1'-0"
7	A 1.5	(N) DEMOLITION FLOOR PLAN	3/16"=1'-0"
8	A 1.6	(N) ABATEMENT PLAN	3/16"=1'-0"
9	A 2.0	(N) FLOOR PLAN	3/16"=1'-0"
10	A 2.1	(N) MEZZANINE & ROOF FRAMING PLANS & DETAILS	1/4"=1'-0"
11	A 2.2	(N) ROOF PLAN & DETAILS	1/4"=1'-0"
12	A 2.3	(N) FLOORING PLAN	3/16"=1'-0"
13	A 2.4	(N) FURNITURE PLAN	3/16"=1'-0"
14	A 2.5	(N) REFLECTED CEILING PLAN	3/16"=1'-0"
15	A 3.0	(E) ELEVATIONS	3/16"=1'-0"
16	A 3.1	(N) ELEVATIONS	3/16"=1'-0"
17	A 4.0	(N) CROSS, LONGITUDINAL SECTIONS & DETAILS	AS NOTED
18	A 5.0	(N) INTERIOR ELEVATIONS	1/2"=1'-0"
19	A 6.0	SCHEDULES & ARCHITECTURAL DETAILS	AS NOTED
		STRUCTURAL	
20	SN-1	STRUCTURAL NOTES SHEET 1 of 2	NA
21	SN-2	STRUCTURAL NOTES SHEET 2 of 2	NA
22	S-1	FOUNDATION PLAN	1/4"=1'-0"
23	S-2	FRAMING PLANS	1/4"=1'-0"
24	SD-1	STRUCTURAL DETAILS SHEET 1 of 3	AS NOTED
25	SD-2	STRUCTURAL DETAILS SHEET 2 of 3	AS NOTED
26	SD-3	STRUCTURAL DETAILS SHEET 3 of 3	AS NOTED
		ELECTRICAL & MECHANICAL	
27	E-0.1	GENERAL ELECTRICAL NOTES & SPEC'S	NA
28	E-1.0	ELECTRICAL DEMOLITION PLAN	3/16"=1'-0"
29	E-2.0	SINGLE LINE DIAGRAM	NA
30	E-3.0	(N) POWER PLAN	NA
31	E-3.1	(N) LIGHTING PLAN	3/16"=1'-0"
32	E-3.2	(N) ROOF ELECTRICAL PLAN	1/4"=1'-0"
33	E-4.0	NRCC-ELEC-E, VOLTAGE DROP	NA
34	E-4.1	NRCC-LTI-E	NA
35	E-4.2	NRCC-LTI-E	NA
36	E-4.3	NRCC-LTO-E	NA
37	E-4.4	NRCC-LTO-E	NA
		GENERAL	
38	GBC-1	GREEN BUILDING CODE Sht. 1 of 3	NA
39	GBC-2	GREEN BUILDING CODE Sht. 2 of 3	NA
40	BMP	BMP, SWPPP & MISC	NA
41	T24-1	TITLE 24'S - Sht. 1 of 3	NA
42	T24-2	TITLE 24'S - Sht. 2 of 3	NA
43	T24-3	TITLE 24'S - Sht. 3 of 3	NA
44			

PROJECT DATA:

PROPERTY OWNER:	CITY OF SANTA PAULA POLICE DEPARTMENT
OWNER ADDRESS:	214 SOUTH 10th STREET SANTA PAULA, CA 93060
PROJECT ADDRESS:	214 SOUTH 10th STREET SANTA PAULA, CA 93060
APN:	103-0-242-195
LOT SIZE:	.47 ACRES (20,473.2 SQ. FT.)
ZONING:	IN (INSTITUTIONAL/CIVIC) ADJACENT NEIGHBOR C-G (GEN. COM.)
FLOOD ZONE:	X
GOVERNING AGENCY SETBACKS:	10' FRONT YARD/STREET 5' SIDE YARDS 5' REAR YARD 45' HEIGHT
BUILDING HEIGHT:	24' (MAX. ALLOWABLE 45')
NUMBER OF STORIES:	2 NO. (MAX. ALLOWABLE 3 NO.)
BUILDING SQUARE FOOTAGE:	
(E)POLICE STATION SQ. FTG.:	7,038.4 SQ. FT.
(N)POLICE STATION SQ. FTG.:	6,573.4 SQ. FT.
(N)ADDITIONAL AREA:	465.0 SQ. FT.
TOTAL CONDITIONED SPACE:	7,038.4 SQ. FT.
UNCONDITIONED SPACE:	
SALLY PORT & COVERED AREA	1,042.4 SQ. FT.
COVERED SIDE & REAR ENTRY AREAS	137.8 SQ. FT.
TOTAL UNCONDITIONED SPACE:	1,180.2 SQ. FT.
LOT COVERAGE/FAR:	+/- 40% (MAX. ALLOWABLE 80%)
DESCRIPTION OF USE:	POLICE STATION
BUILDING OCCUPANCY:	B
ZONING OCCUPANCY	GROUP B
TYPE OF CONTRUCTION:	III
HIGH FIRE SEVERITY ZONE:	URBANIZED/DEVELOPED AREAS OUTSIDE OF HAZARD ZONES
SPRINKLERS:	NO

LEGAL DESCRIPTION:
CITY OF SANTA PAULA, VENTURA COUNTY ASSESSOR'S MAP, PARCEL 19, PORTION YALE STREET SUBDIVISION, R.S. BK. 5, PG. 16 SAWYERS TRACT, L.S. BK. 4, PG. 8. PORTION WHITTED TRACT, R.S. BK. 4, PG. 7 & BK. 5, PG. 15 PORTION MARTIN TRACT, R.S. BK. 4, PG. 7 & BK. 5, PG. 15 V.C.O.M. VOL. 1, PG. 55, 56 (OWEN'S TRACT) RANCHO SANTA PAULA Y SATICOY, M.R. BK. A, PG. 290.

SCOPE OF WORK

PHASE II NEW BUILD ADDITION OF DOUBLE HEIGHT EVIDENCE STORAGE BUILDING AND RENOVATION OF A PORTION OF THE EXISTING POLICE STATION INCLUDING: LIMITED DEMOLITION OF EXISTING WALLS, RE-BUILD OF PARTITION WALLS AND RECONFIGURATION OF EXISTING CONFERENCE ROOM, BREAK ROOM, INTERVIEW ROOM, STORAGE, CHIEF OFFICE, CHIEF ASSISTANT'S OFFICE, COMMANDER OFFICE, EVIDENCE AND TRAINING AREAS. NEW BUILDING TO BE SLAB ON GRADE, WOOD FRAME CONSTRUCTION WITH STUCCO FINISH AND FLAT ROOF, SLOPED TO DRAIN WITH PERIMETER PARAPET. NEW HVAC SYSTEM FOR ALL CONDITIONED AREAS AND ALL NEW AREAS AND RENOVATED AREAS TO BE ADA COMPLIANT.

CONSULTANTS

DESIGN

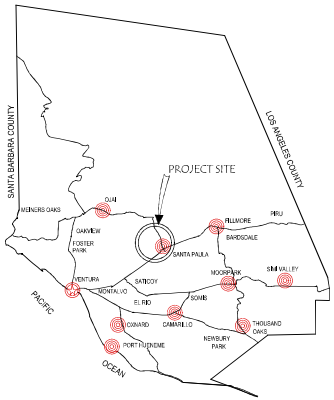
Robert William Co., LLC
P.O. Box 1025
Santa Paula, CA 93061
(805) 625-1144
wmglindsay@gmail.com

STRUCTURAL ENGINEER

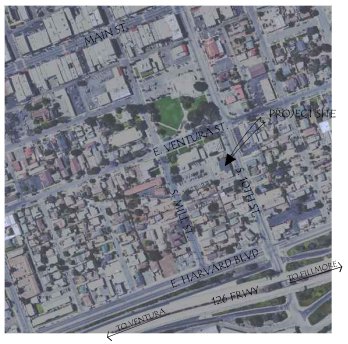
Robert Morin
Morin Structural Engineering
40005 Via Espana
Murrieta, CA 92562
morinstructuralengineering@gmail.com

CODE COMPLIANCE

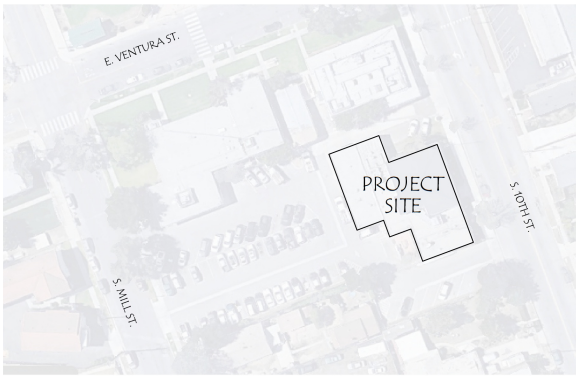
THIS PROJECT SHALL COMPLY WITH TITLE 24 AND 2025 CALIFORNIA RESIDENTIAL CODE (CRC), CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA PLUMBING CODE (CPC), CALIFORNIA ELECTRICAL CODE (CEC), CALIFORNIA ENERGY CODE (CEnC) (R101.1.1CRC), CALGREEN CODE, AND ALL LOCAL CODES AND ORDINANCES.



VENTURA COUNTY MAP — NORTH — SCALE: NTS



VICINITY MAP — NORTH — SCALE: NTS



AERIAL MAP — NORTH — SCALE: NTS

TITLE SHEET

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA. 93061
PHONE (805) 525-6405 FAX (805) 933-9840

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

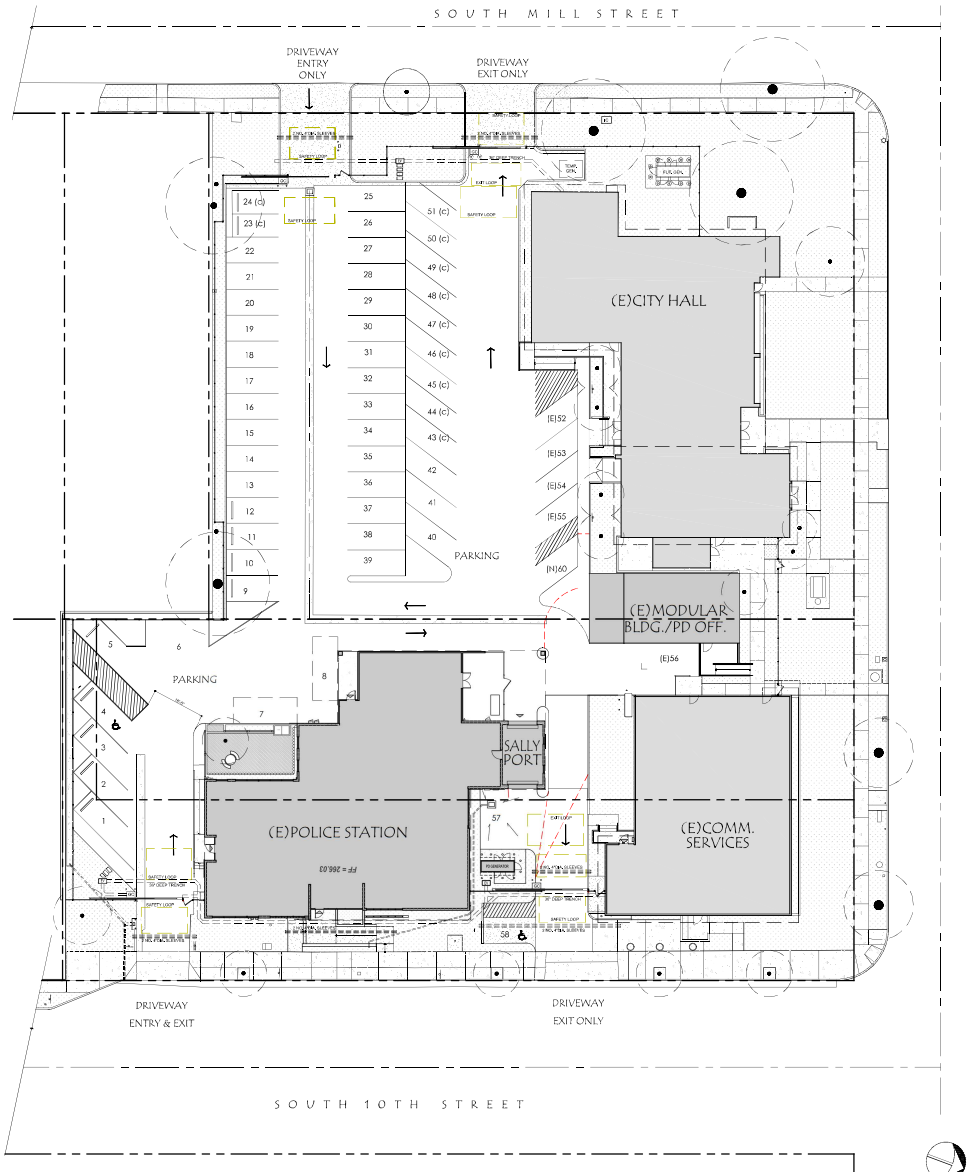
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A0.0
Sheet: 1 of 37



(E)OVERALL SITE PLAN

NORTH

SCALE: 1" = 20'

0' 10' 20' 40' 60'

SCALE: 1" = 20'

LEGEND:

- (E) CITY BUILDINGS
- (E) POLICE STATION & BLDG'S
- (E) PLANTERS
- (E) CONCRETE PAVING
- (E) ROOF OVERHANG
- PROPERTY LINE
- (E) TREES
- PUBLIC ENTRY
- STAFF ENTRY

(E) OVERALL SITE PLAN

ROBERT WILLIAM COMPANY
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GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 11253, SANTA PAULA CA. 93061
PHONE (805) 525-6400 FAX (805) 525-9040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

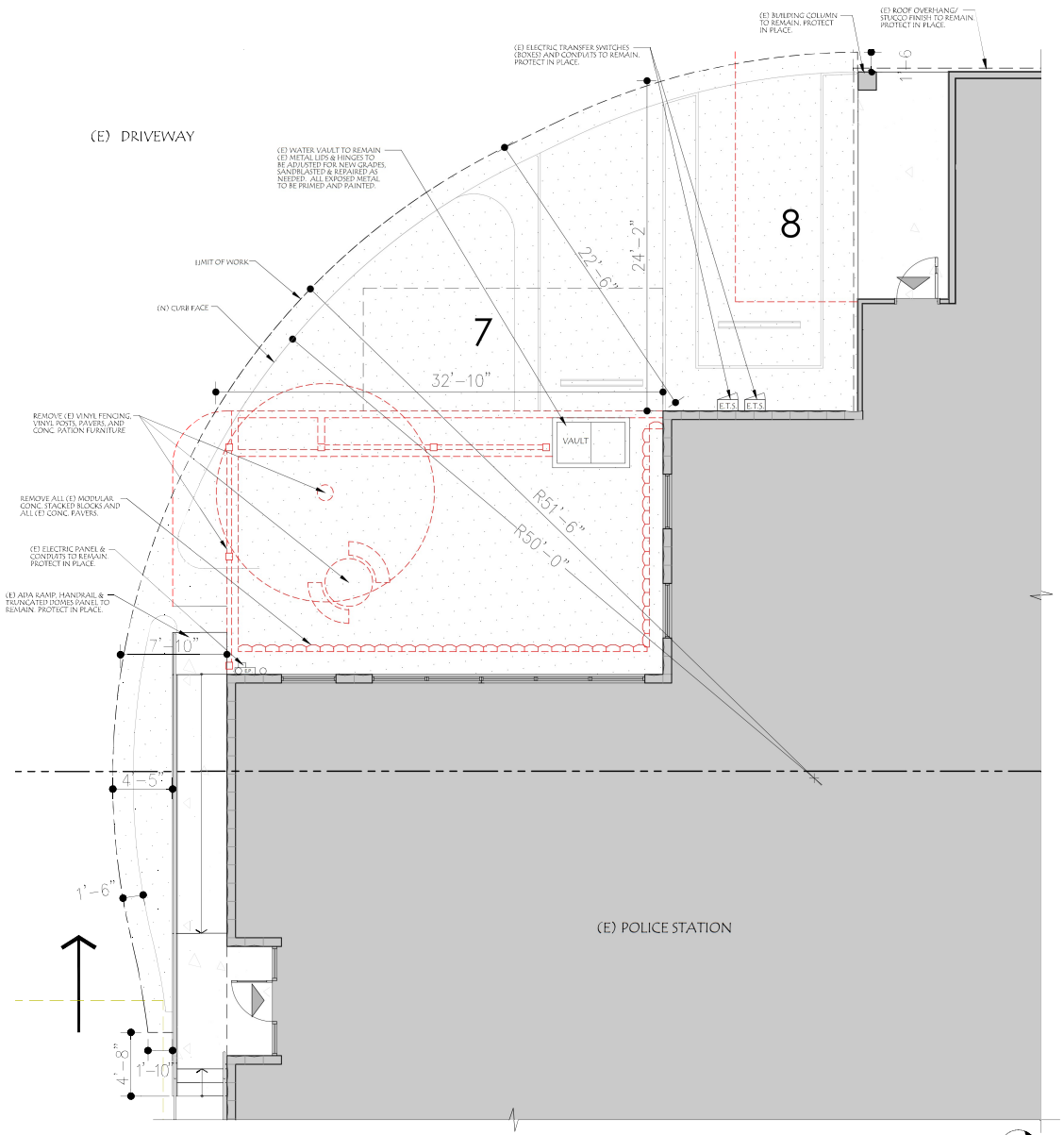
CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 1"=20'
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
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Sheet: 2 of 37



(E)SITE DEMOLITION PLAN

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (E) AREA TO BE DEMOLISHED (1,655 sq. ft.)
- (E) BLDG. AREA TO REMAIN
- (E) ITEMS TO BE REMOVED
- (E) PUBLIC ENTRY
- (E) STAFF ENTRY

DEMOLITION NOTES PHASE IIa:

DEMOLITION AREA TO INCLUDE: (E) REAR PATIO AREA, PAVEMENT AT 10th STREET ENTRY/ (E) SOUTH PRIVATE STAFF ENTRANCE RAMP/STAIRS AND UP TO COVERED WEST PRIVATE STAFF ENTRANCE AREA.

1. REMOVE AND RE-COMPACT DEMOLITION AREA TO A MIN. OF 5 FEET DEPTH.
2. ALL GRADES TO SLOPE AWAY FROM (E) STRUCTURES AT A MIN. 5% SLOPE.
3. ALL (N) GRADES TO DAYLIGHT INTO (E) DRIVEWAY GRADES AND (E) PRAINAGE FLOW LINES.
4. (E) TREE TO BE REMOVED INCL. TREE STUMP AND ALL TREE ROOTS.
5. DIG ALERT TO BE NOTIFIED PRIOR TO ANY EXCAVATION AND ALL (E) UTILITY LOCATIONS TO BE CLEARLY MARKED. BOTH ELECTRICAL AND WATER LINES ARE PRESENT WITHIN DESIGNATED DEMOLITION AREA, DEPTH TBD.
6. (E) CONC/ VAULT BOX TO REMAIN IN PLACE. HEIGHT OF HINGED METAL LIDS TO BE ADJUSTED TO NEW SURFACE GRADES AS REQUIRED TO MATCH (N) SLOPE OF DROP OFF ZONE PARKING STALL.

(E)SITE DEMOLITION PLAN

ROBERT WILLIAM COMPANY
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GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 11253, SANTA PAULA CA. 93061
PHONE (805) 525-6402 FAX (805) 933-9040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

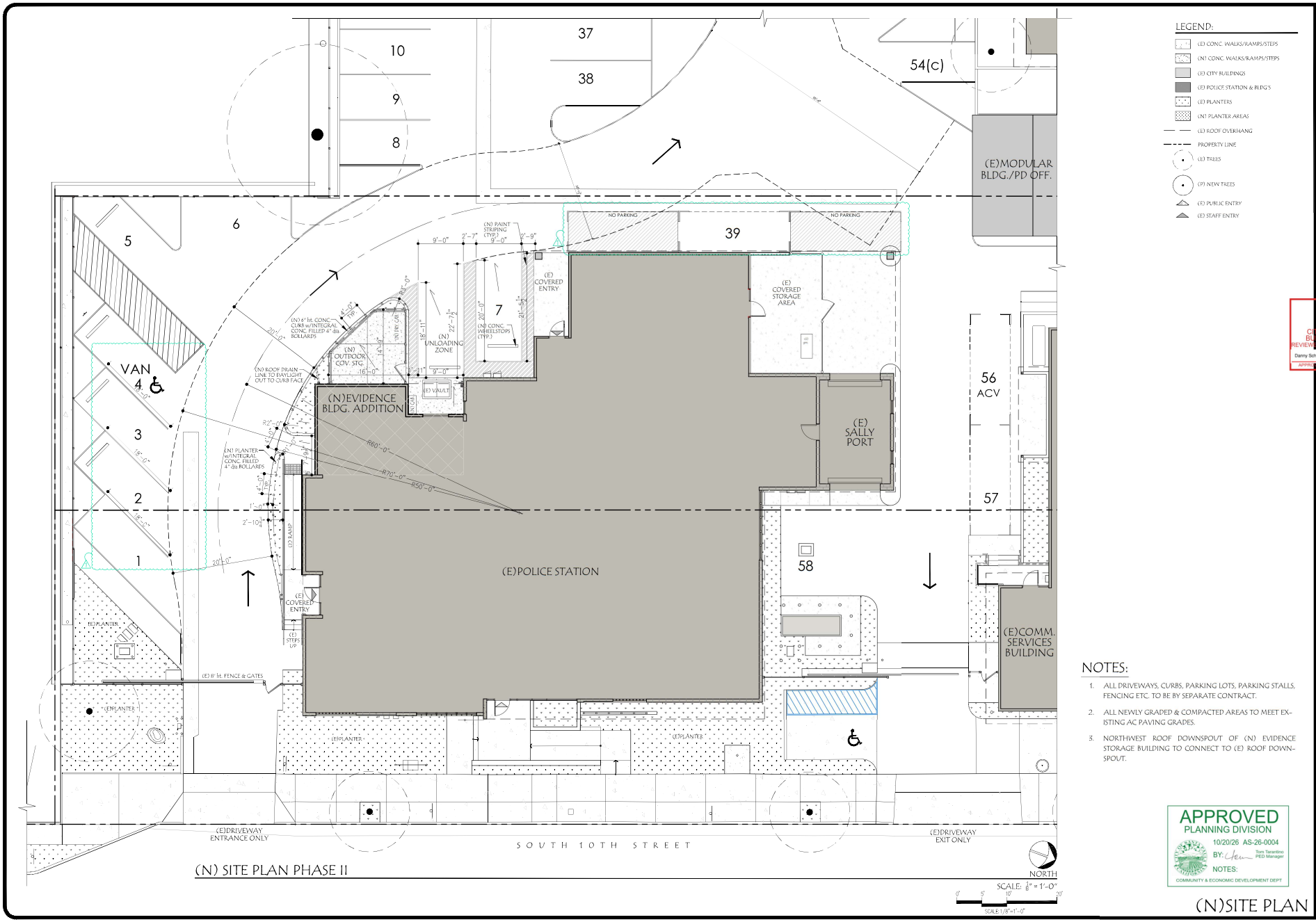
CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 1/4"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A1.2
Sheet: 4 of 37



(N) SITE PLAN PHASE II

NOTES:

1. ALL DRIVEWAYS, CURBS, PARKING LOTS, PARKING STALLS, FENCING ETC. TO BE BY SEPARATE CONTRACT.
2. ALL NEWLY GRADED & COMPACTED AREAS TO MEET EXISTING AC PAVING GRADES.
3. NORTHWEST ROOF DOWNSPOUT OF (N) EVIDENCE STORAGE BUILDING TO CONNECT TO (E) ROOF DOWNSPOUT.

APPROVED
PLANNING DIVISION
10/20/26 AS-26-0004
BY: Tom Tarantino PED Manager
NOTES:
COMMUNITY & ECONOMIC DEVELOPMENT DEPT

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 10253, SANTA PAULA, CA. 93061
PHONE (805) 525-6402 FAX (805) 933-9040

CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date
1	PC#1	10/15/26

Scale: 1/8"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A1.3
Sheet: 5 of 37

(N)SITE PLAN



LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (E) AREA TO BE DEMOLISHED (1,655 sq. ft.)
- (E) BLDG. AREA TO REMAIN
- (E) ITEMS TO BE REMOVED
- (E) PUBLIC ENTRY
- (E) STAFF ENTRY

NORTH

SCALE: 3/16" = 1'-0"

(E) FLOOR PLAN

(E) FLOOR PLAN

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 11253, SANTA PAULA, CA. 93061
PHONE: (805) 525-6400 FAX: (805) 525-6040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED BY
10/21/26
DATE

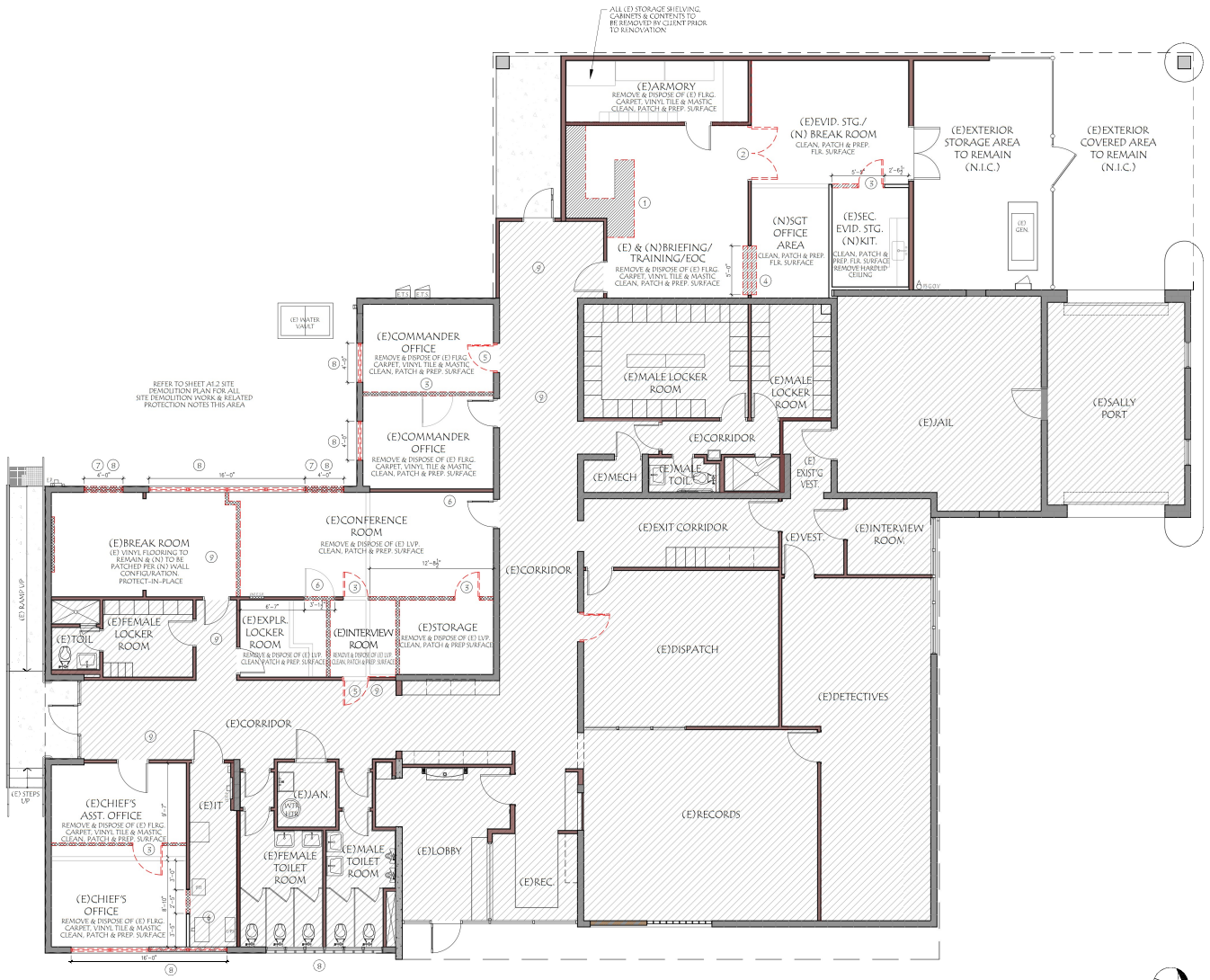
CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 3/16"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A1.4
Sheet: 6 of 37



(N)DEMOLITION FLOOR PLAN

SCALE: $\frac{3}{16}$" = 1'-0"

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (E) WALLS TO BE DEMOLISHED
- (E) WALLS/FURNITURE TO BE PARTIALLY DEMOLISHED
- (N) PARTITION WALLS (PHASE II)
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (E) BLDG. AREA TO REMAIN (N.I.C.)

DEMOLITION NOTES PHASE IIb:

DEMOLITION AREA TO INCLUDE: (E) LIMITED CMU WALLS, INTERIOR FRAMED WALLS, GLAZING, DOORS, AND DOOR FRAMES. ABATEMENT FOR ASBESTOS CEILINGS TO OCCUR IN ALL (E) REMAINING BUILDING AREAS - REFER TO SHEET XX.X FOR LOCATIONS.

1. REMOVE PORTION OF (E) CABINET AND COUNTER TOP. PROTECT-IN-PLACE REMAINDER OF CABINETS AND COUNTER TOP.
2. REMOVE (E) DOUBLE DOORS AND DOOR FRAME.
3. REMOVE (E) DOORS, DOOR FRAMES AND PORTION OF (E) WALL PARTITIONS AS SHOWN.
4. REMOVE (E) BUILT-IN WOOD EVID. LOCKERS. LEAVE HEADER & WALL ABOVE
5. REMOVE (E) DOORS AND DOOR FRAMES AS SHOWN.
6. CUT (N) DOOR OPENINGS IN (E) WOOD FRAME PARTITION WALLS AS SHOWN.
7. CUT (E) CMU WINDOW OPENINGS TO FLOOR TO CREATE OPENINGS.
8. REMOVE (E) GLAZING, CERAMIC SILLS AND ALUM. FRAMES. *
9. PROTECT-IN-PLACE ALL (E) PHASE I NEW LVP FLOORING @ ALL (E) AND (N) DOORS AND OPENINGS.

* NOTE:
ALL EXTERIOR OPENINGS TO BE RECONFIGURED TO BE TEMPORARILY BRACED AND BLOCKED WITH $\frac{3}{4}$" thk. PLYWOOD PANELS TO MAINTAIN BUILDING SECURITY AT ALL TIMES.

CITY OF SANTA PAULA BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED
10/21/26
DATE

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-5400 FAX: (805) 933-9840

CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 3/16"=1'-0"
Drawn by: CMG
Date: 06/12/2026
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(N)DEMOLITION FLOOR PLAN

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LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E)DECORATIVE CONC. BLK. WALL
- (E) WOOD FRAMED WALLS
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVERS
- PREVIOUSLY ABATED CEILING AREAS
- PREVIOUSLY TESTED NEGATIVE AREAS – MARCH 2022 REMOVE EXISTING CEILING TEXTURE TO MATCH (E) & (N) RENOVATED CEILING FINISH
- PREVIOUSLY TESTED POSITIVE AREAS – MARCH 2022 REQUIRES CEILING ABATEMENT – PHASE II (1861 sq. ft.)
- AREAS REQUIRING TESTING/CONFIRMATION (127 sq. ft.)
- AREAS NOT REQUIRING TESTING & ABATING CONCRETE ROOF @ ENTRY & DRYWALL @ NICHE
- AREAS N.I.C. (NOT A PART)

NORTH

SCALE: 3/16" = 1'-0"

(N)ABATEMENT PLAN

CITY OF SANTA PAULA BUILDING AND SAFETY REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED DATE

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CONSULTANT:

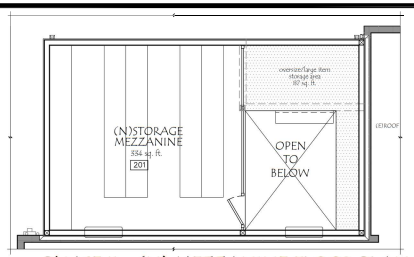
PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

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Scale: 3/16"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job #: 10504.014
Sheet: A1.6
Sheet: 8 of 37

(N)ABATEMENT PLAN



PHASE II - (N) MEZZANINE FLOOR PLAN

SCALE: 3/16" = 1'-0"

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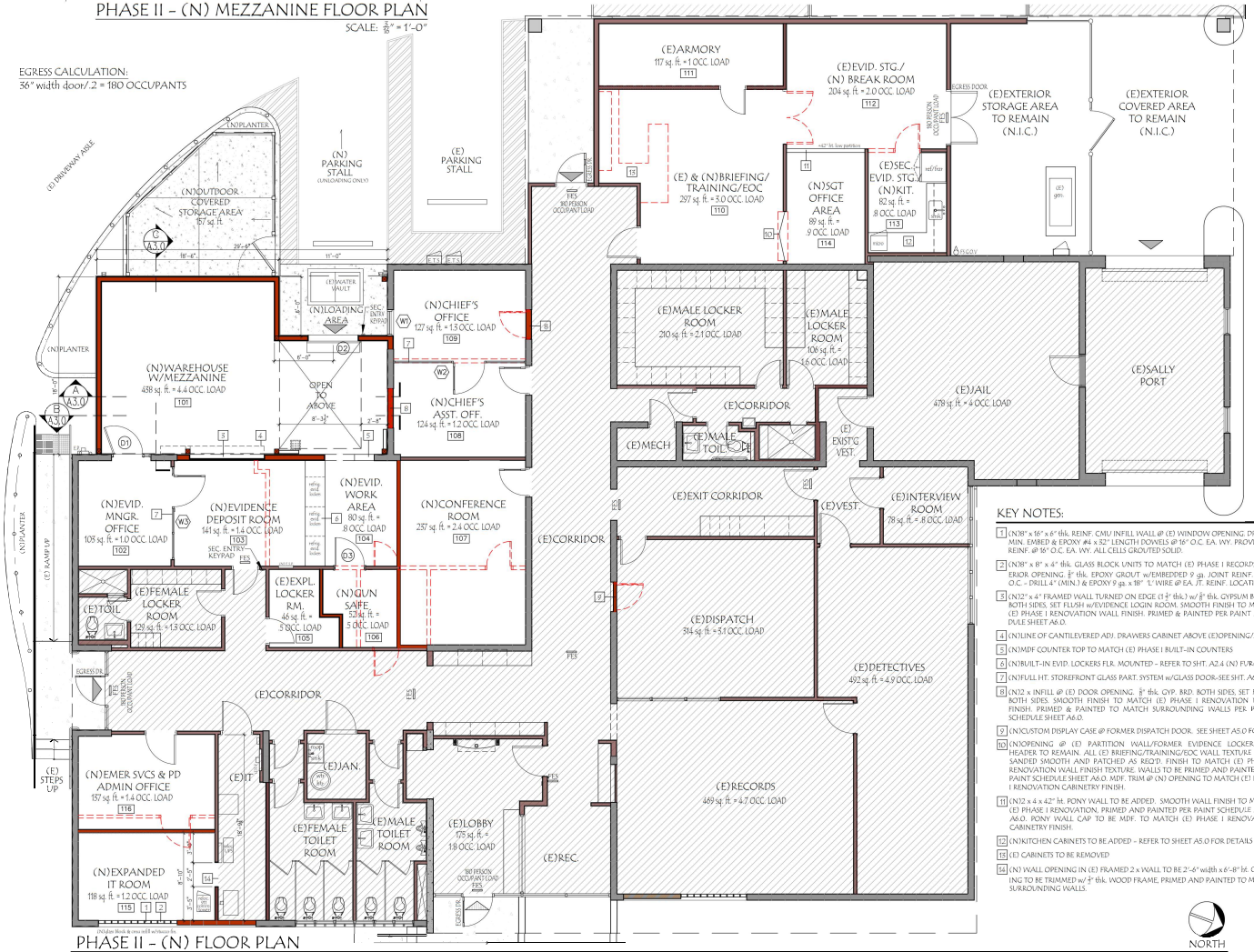
- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (E) WALLS 7 FURN. TO BE DEMO'D
- (N) 2 x STUD WALL (PHASE II)
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (N) CONC. PAVING
- (E) BLDG. AREA TO REMAIN (N.I.C.)
- PUBLIC ENTRY
- STAFF ENTRY

CONCEPT NOTES:

PHASE II: ADDITION OF DOUBLE HEIGHT EVIDENCE STORAGE ROOM, RECONFIGURATION OF (E) AREAS INCLUDING: EXPLORER'S LOCKER ROOM, BREAK ROOM, CONFERENCE ROOM STORAGE, INTERVIEW ROOM (ADJACENT TO (E) CONFERENCE ROOM, COMMANDER, OFFICES, CHIEF'S OFFICE, CHIEF'S ASSISTANT OFFICE, BRIEFING ROOM AND EVIDENCE STORAGE. NEW PARTITION WALLS TO BE ADDED TO CREATE A NEW SARGEANT OFFICE, GUN SAFE ROOM, RECONFIGURED EXPLORER'S ROOM. AREAS TO BE BROUGHT UP TO AND MEET CURRENT ADA ACCESSIBILITY STANDARDS. EXISTING IT ROOM TO BE EXPANDED INTO FORMER CHIEF'S OFFICE. ALL (N) FLOORING TO MATCH (E) FLOORING EXCEPT EVIDENCE WAREHOUSE.

1. (N)EVIDENCE SUITE TO PROVIDE SECURE LOGIN/PROCESSING AREA WITH ADJACENT" (N)EVIDENCE MANAGER'S OFFICE ALLOWING FOR FULL VISUAL OBSERVATION OF WORK AREA AND CONTROLLED ACCESS TO (N) 2 x 6 WOOD FRAME EVIDENCE STORAGE WAREHOUSE. TEMPORARY AND REFRIGERATED LOCKERS FOR STORAGE TO BE PROVIDED FOR EVIDENCE PROCESSING SECURE CELL PHONE CABINET, SAFE, COMPUTER WORKSTATION AND WORK TABLE TO FACILITATE EVIDENCE DOCUMENTATION/LOGIN IN COMPLIANCE WITH CHAIN OF COMMAND. (N) EVIDENCE WORK AREA TO BE ACCESS- ED VIA WAREHOUSE ONLY WITH SAFE AND SEPARATE SECURE GUN & NARCOTICS STORAGE ROOM. WAREHOUSE TO BE DOUBLE HEIGHT WITH MEZZANINE TO ALLOW FOR LONG TERM STORAGE ACCESSIBLE BY A ROLLING STAIR. (N) WAREHOUSE TO HAVE A SECURE COMMERCIAL DOOR ACCESS AT THE REAR FOR VEHICULAR UNLOADING ZONE AND DROP OFF OF EVIDENCE. WAREHOUSE TO UTILIZE (E) STORAGE SHELVING AND (N) SHELVING UNITS. INTERIOR EQUIPMENT TO INCLUDE A (N) 3 DOOR FREEZER, (N) 2 DOOR REFRIGERATOR AND WORKTABLE FOR PROCESSING. (N) WAREHOUSE FLOOR TO BE POLISHED CONCRETE. EXTERIOR EQUIPMENT TO INCLUDE A 2 DOOR DRYING CABINET AND A COVERED, FENCED, SECURE OUTDOOR STORAGE AREA WITH VERTICAL STORAGE UNITS FOR BIKES.
2. (N)CONFERENCE ROOM TO USE (E) DOOR AT CORRIDOR. (N) CHIEF'S ASSISTANT OFFICE TO USE (E) COMMANDERS OFFICE DOOR. (E) DEMISING 2 x PARTITION WALL LOCATED BETWEEN (E) COMMANDER'S OFFICES TO BE REMOVED AND REPLACED WITH A (N') FULL HEIGHT GLASS STOREFRONT ASSEMBLY WITH INTEGRAL GLASS DOOR. (E) COMMANDER DOOR IN (N') CHIEF'S OFFICE TO BE INFILLED/FURRED WITH 2 x STUD WALL SET FLUSH TO BOTH SIDES OF (E)CMU CORRIDOR/OFFICE WALL. DRYWALL BOTH SIDES w/PRIMED & PAINTED FINISH.
3. (E) DISPATCH DOOR LOCATED AT THE CORRIDOR TO BE REMOVED AND OPENING TO BE INFILLED/FURRED WITH 2 x STUD WALL SET FLUSH AT DISPATCH, DRYWALL AND PAINTED FINISH. (N) BUILT-IN CUSTOM DISPLAY CASE TO BE ADDED AT CORRIDOR SIDE.
4. (N)BRIEFING/TRAINING EOC ROOM TO INCLUDE REMOVAL OF ALL (E) BUILT-IN CABINETRY. (N) ELECTRICAL & IT FLOOR PLUGS TO BE ADDED FOR TRAINING TABLE INTEGRATION. (N) "T" BAR CEILING TO BE ADDED AT (E) EVIDENCE STORAGE AREAS.
5. (N)SARGEANT OFFICE AREA TO BE CREATED WITHIN (E) EVIDENCE STORAGE AREA BY REMOVING (E) FUDENCE LOCKERS & KEEPING (E) HEATER IN PLACE. ADDITION OF A 42" HT. PONY WALL BETWEEN (E) SECURED EVIDENCE STORAGE/(N) KITCHEN WALLS AND BRIEFING/TRAINING ROOM.
6. (E)CHIEF OFFICE/CHIEF ASSISTANT'S OFFICE PARTITION TO BE REMOVED. NEW PARTITION WALL TO BE SHIFTED 21". NEW WALL TO BE 2 x 4 WOOD STUD w/ ½" thk. DRYWALL EA. SIDE. SMOOTH FINISH, PRIMED & PAINTED TO MATCH PHASE I. (E) PARTITIONS (N) 90° with OPENING TO BE MADE IN (E) IT WALL TO ACCESS (N') EXPANDED IT ROOM AREA.
7. (N)KITCHEN TO BE INSTALLED IN (E) SECURED EVIDENCE STORAGE ROOM. (E) DOOR AND PORTION OF (E)PARTITION WALL TO BE REMOVED. (E)HARD LID CEILING TO BE REMOVED. (N) KITCHEN SINK TO BE ADDED. PLUMBING TO BE TIED INTO (E) JAIL PLUMBING (HOT, COLD, AND DRAIN LINES) VENT LINES TO BE ADDED AS REQ'D. (N) CABINETRY AND COUNTERTOP TO BE LAMINATE FINISH TO MATCH (E) PHASE I CABINETRY. EQUIPMENT TO INCLUDE (N) FREE STANDING REFRIGERATOR, AND MICROWAVE. (E) 7' ht. WALL TO BE CAPPED w/MDF TRIM TO MATCH (E) PHASE I RENOVATION CABINET FINISH.
8. (E) GLAZING AT (N') EXPANDED IT ROOM TO BE REMOVED AND REPLACED WITH 6" thk. CMU AND GLASS BLOCK TO MATCH PHASE 1. CMU TO GET SMOOTH STUCCO EXTERIOR FINISH TO MATCH INFILL WALL AT (E)RECORDS. INTERIOR FINISH TO BE PRIMED AND PAINTED.
9. (E) GLAZING AT (E)BREAK ROOM, (E) CONFERENCE ROOM AND (E) COMMANDER OFFICES TO BE REMOVED. (E)OPENING TO BE ENLARGED TO FLOOR TO ACCOMMODATE DOOR & SIDELIGHT AT (N') EVIDENCE MANAGER OFFICE. OPENING AT (N') EVIDENCE WORK AREA TO BE ENLARGED TO FLOOR TO ALLOW THRU ACCESS INTO AREA. (E) WINDOW OPENING IN (N') CHIEF'S ASSISTANT OFFICE TO BE INFILLED/FURRED WITH 2 x STUD FLUSH WALL, ½" thk. DRYWALL BOTH SIDES w/PRIMED & PAINTED FINISH. (E) WINDOW OPENING AT (N') CHIEF'S OFFICE TO BE INFILLED/FURRED TO REDUCED OPENING SIZE ALLOWING FOR A NEW DUAL GLAZED LOW "E" FIXED WINDOW.
10. ALL CEILING AREAS NOT PREVIOUSLY ABATED IN PHASE I TO BE ABATED IN THIS PHASE. ALL POPCORN CEILING TEXTURE TO BE REMOVED IN THE FACILITY. ALL ABATED CEILINGS TO BE PATCHED, SKIM COATED, PRIMED AND PAINTED TO MATCH PHASE I RENOVATION.
11. ALL (E) FLOORING IN PHASE II (N)AREAS TO BE REMOVED. HOLES PATCHED, FLOOR LEVELED AND REPLACED WITH (N) FLOORING TO MATCH PHASE I RENOVATION.
12. ALL (E) & (N) PARTITION WALLS TO BE PATCHED, PRIMED & PAINTED TO MATCH PHASE I RENOVATION WALLS.
13. ALL (E) DOORS WITH 32" CLEAR WIDTH IS TO REMAIN IN PHASE II RENOVATION AREAS. (E) NON ADA COMPLIANT DOORS TO BE REPLACED WITH (N) FRAMES AND DOORS TO MATCH (E) ADA COMPLIANT DOORS IN PHASE I RENOVATION.
14. ALL (E)ELECTRICAL LOCATED IN PHASE II AREAS INCLUDING LIGHTING, WIRING, SOCKETS AND SWITCHES TO BE DECOMMISSIONED PRIOR TO DEMOLITION. (N) WIRING AS REQUIRED FOR RECONFIGURATION OF (E) SPACES AND (N) BUILDING INCLUDING (N) HVAC UNITS
15. ALL (E)HVAC IN PHASE II AREAS INCLUDING (E) DUCTS, SUPPLY REGISTERS, RETURN REGISTERS, THERMOSTATS, DAMPERS AND WIRING TO REMAIN AND BE RECONFIGURED TO ACCOMMODATE NEW LAYOUT. (N) EVIDENCE BUILDING TO INCLUDE 2 No. (N) MINI-SPLIT UNITS WITH CON DENSER UNITS LOCATED ON (E) ADJACENT ROOF (ABOVE (N') EVIDENCE MANAGER OFFICE). (N) EXPANDED IT ROOM TO INCLUDE MINI-SPLIT UNIT w/ROOF MOUNTED CONDENSER UNIT.
16. ALL (E) AND (N) IT CABLING AND CONNECTIONS TO BE COORDINATED WITH CLIENT AND IT DEPARTMENT PRIOR TO DEMOLITION.
17. (N') UNLOADING ZONE AND OUTDOOR COVERED STORAGE AREA TO BE REGRADED AND RECOMPACTED TO SLOPE AWAY FROM BUILDING (MIN .25') TO MEET EXISTING DRIVEWAY AISLE ELEVATIONS. (E) ASPHALT TO BE SAW CUT 18" FROM (N') PLANTER AREAS, CURBS, AND PARKING STALL AREAS. UPON COMPLETION OF CONSTRUCTION OF (N') EVIDENCE BUILDING SAW CUT AREAS TO BE HOT PATCHED TO CREATE A SEAMLESS FINISHED SURFACE.
18. (N') UNLOADING ZONE PARKING STALL, CURB, AND OUTDOOR COVERED STORAGE AREA TO BE CONSTRUCTED AT (E) PATIO/PARKING AREA. (E) CONCRETE WATER LINE VAULT TO REMAIN. (E) VAULT COVER TO BE REPLACED OR SANDBLASTED, REPRIMED AND REPAINTED.
19. (E) TOILET ROOMS ARE NON-COMPLIANT AND WILL BE UPDATED IN PHASE III. PHASE I RENOVATION - MIN. 20% OF ADJ. CONSTRUCTION COST. INCLUDES CODE COMPLIANT DOORS, OPENINGS, CLEARANCES AND TURNAROUND SPACES IN ALL AREAS. PHASE II RENOVATION TO INCLUDE FULL REMODEL OF (E) TOILET ROOMS. LOCKER ROOMS & ADDITION OF UNISEX TOILET ROOM FOR PUBLIC USE.

EGRESS CALCULATION:
36" width door/.2 = 180 OCCUPANTS



PHASE II - (N) FLOOR PLAN

SCALE: 3/16" = 1'-0"

NORTH

KEY NOTES:

1. (N)8" x 16" x 6" thk. REINF. CMU INFILL WALL @ (E) WINDOW OPENING. DRILL 8" MIN. EMBED & EPOXY #4 x 32" LENGTH DOWELS @ 16" O.C. EA. WY. PROVIDE #4 REINF. @ 16" O.C. EA. WY. ALL CELLS GROUTED SOLID.
2. (N)8" x 8" x 4" thk. GLASS BLOCK UNITS TO MATCH (E) PHASE I RECORDS ENTRY. OPENING. ½" thk. EPOXY GROUT w/EMBEDDED 9 ga. JOINT REINF. @ 16" O.C. - DRILL 4" (MIN.) & EPOXY 9 ga. x 18" 'L' WIRE @ EA. JT. REINF. LOCATION.
3. (N)2" x 4" FRAMED WALL TURNED ON EDGE (3½" thk.) w/ ⅝" thk. GYPSUM BOARD BOTH SIDES, SET FLUSH w/EVIDENCE LOGIN ROOM. SMOOTH FINISH TO MATCH (E) PHASE I RENOVATION WALL FINISH. PRIMED & PAINTED PER PAINT SCHEDULE SHEET A6.0.
4. (N)LINE OF CANTILEVERED ADJ. DRAWERS CABINET ABOVE (E)OPENING/SILL.
5. (N)MDF COUNTER TOP TO MATCH (E) PHASE I BUILT-IN COUNTERS
6. (N)BUILT-IN EVID. LOCKERS FLR. MOUNTED - REFER TO SHT. A2.4 (N) FURN. PLAN
7. (N)FULL HT. STOREFRONT GLASS PART. SYSTEM w/GLASS DOOR- SEE SHT. A6.0.
8. (N)2 x INFILL @ (E) DOOR OPENING. ½" thk. GYP. BRD. BOTH SIDES, SET FLUSH BOTH SIDES. SMOOTH FINISH TO MATCH (E) PHASE I RENOVATION WALL FINISH. PRIMED & PAINTED TO MATCH SURROUNDING WALLS PER PAINT SCHEDULE SHEET A6.0.
9. (N)CUSTOM DISPLAY CASE @ FORMER DISPATCH DOOR. SEE SHEET A5.0 FOR DET'S
10. (N)OPENING @ (E) PARTITION WALL/FORMER EVIDENCE LOCKERS. (E) HEADER TO REMAIN. ALL (E) BRIEFING/TRAINING/EOC WALL TEXTURE TO BE SANDED SMOOTH AND PATCHED AS REQ'D. FINISH TO MATCH (E) PHASE I RENOVATION WALL FINISH TEXTURE. WALLS TO BE PRIMED AND PAINTED PER PAINT SCHEDULE SHEET A6.0. MDF. TRIM @ (N) OPENING TO MATCH (E) PHASE I RENOVATION CABINETRY FINISH.
11. (N)32 x 4 x 42" ht. PONY WALL TO BE ADDED. SMOOTH WALL FINISH TO MATCH (E) PHASE I RENOVATION. PRIMED AND PAINTED PER PAINT SCHEDULE SHEET A6.0. PONY WALL CAP TO BE MDF. TO MATCH (E) PHASE I RENOVATION CABINETRY FINISH.
12. (N)KITCHEN CABINETS TO BE ADDED - REFER TO SHEET A5.0 FOR DETAILS
13. (E) CABINETS TO BE REMOVED
14. (N') WALL OPENING IN (E) FRAMED 2 x WALL TO BE 2'-6" width x 6'-8" ht. OPENING TO BE TRIMMED w/ ¾" thk. WOOD FRAME, PRIMED AND PAINTED TO MATCH SURROUNDING WALLS.



EMERGENCY EVACUATION MAP

NORTH

EGRESS PLAN*

SCALE: 1/16" = 1'-0"

EGRESS LEGEND:

- YOU ARE HERE
- FIRE EXTINGUISHER
- ACCESSIBLE
- EXIT
- FIRE ALARM PULL LOCATION
- FIRST AID

EMERGENCY PHONE NUMBER
911
IN CASE OF FIRE, USE STAIRS
DO NOT USE ELEVATOR

* REFER TO LIGHTING PLAN FOR EGRESS LIGHTING

(N) PHASE II FLOOR PLAN

CHRISTINA GRAE MARTINEZ
No. C10788
REGISTERED ARCHITECT
STATE OF CALIFORNIA

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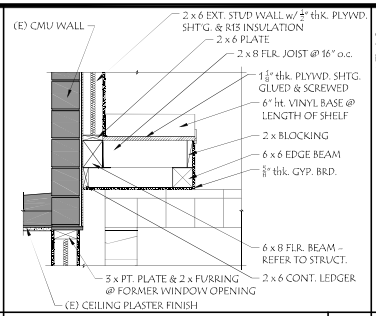
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

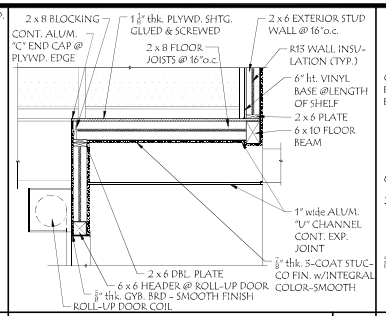
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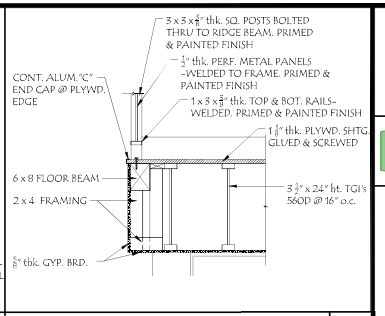
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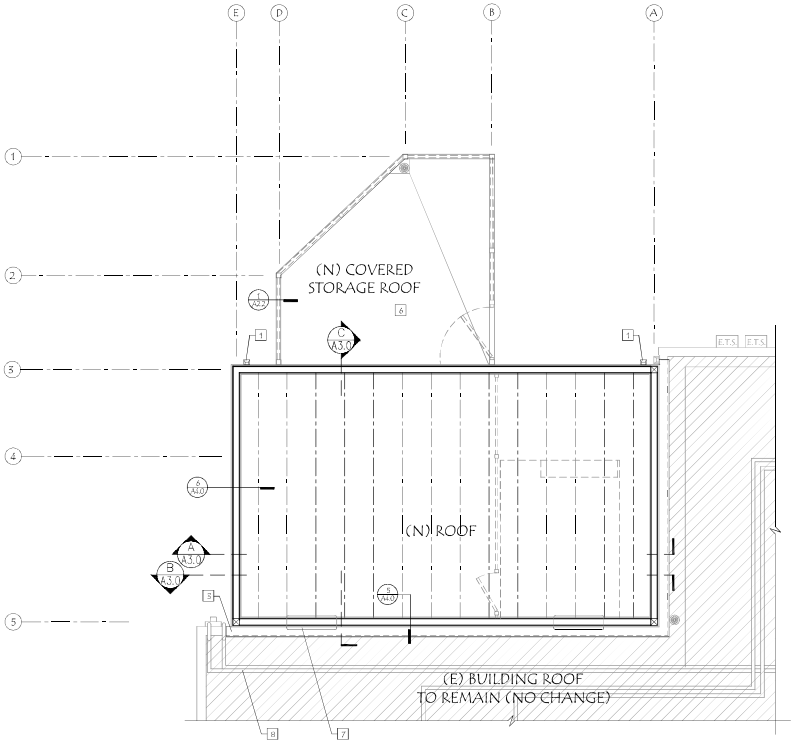
EDGE DETAIL @ SHELF SCALE: ¾" = 1'-0" 3



EDGE DETAIL @ HEADER SCALE: ¾" = 1'-0" 2



EDGE DET. @ TGI & MEZZ. RAIL SCALE: ¾" = 1'-0" 1



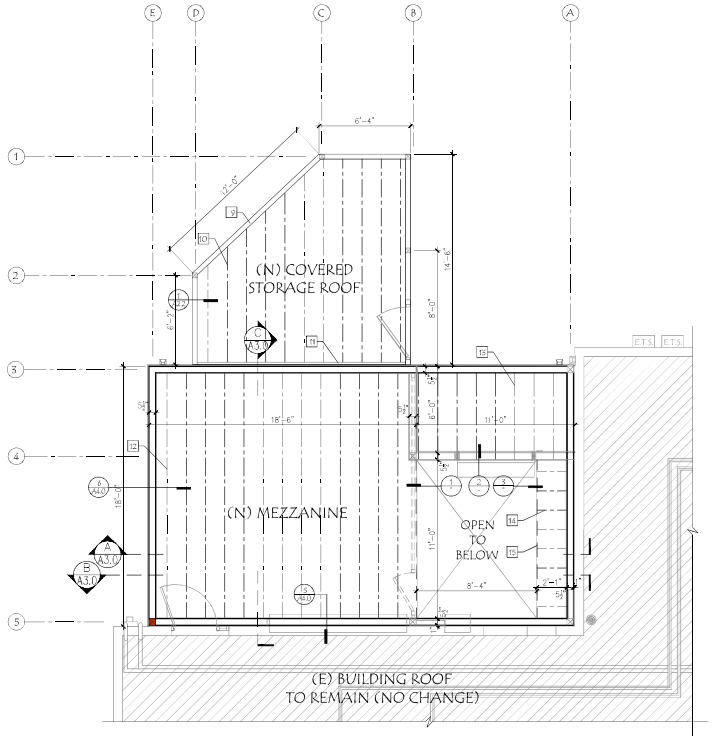
PHASE II – (N) ROOF FRAMING PLAN

NORTH

SCALE: ¼" = 1'-0"

KEY NOTES:

1. (N)ROOF SCUPPERS & DOWNSPOUTS
2. (N)ROOF DRAIN & DOWNSPOUT @ POST
3. (N)PARAPET FLASHING
4. (N)DRAINAGE LINE TO FACE OF CURB
5. (N)BUILT-UP HIGH PERF. CLASS "A" FIRE RATED ROOF. 2 LAYERS FIBERGLASS BASE SHT. & TORCH APPLIED MOD. MIN. SHT. o/2 no. LAYERS 30 lb. FELT
6. (N)GA. METAL ROOF o/1/2" thk. PLYWD. SHTG.
7. (N)HVAC MINI-SPLIT UNITS (2 no.) LOCATED AT MEZZANINE LEVEL
8. (E)ELECTRICAL CONDUIT – SURFACE MOUNTED ON (E) ROOF
9. (N)4 x 14 MTL. BEAM FRAME w/GA. MTL. WRAP
10. (N)2 x 8 RIPPED R.J.'S (SLOPED TO DRAIN @ MIN. ¼" PER lin. ft. (TYP. @ COVERED STORAGE AREA)
11. (N)2 x 8 LEDGER @ (N) BLDG. – SEE STRUCT. DRWGS FOR DET'S
12. (N) 5 ¼" x 24" ht. TGI's 560D @ 16" o.c. (TYP. @ MEZZ. FLOOR)
13. (N) 2 x 8 @ 24" o.c. (TYP. @ MEZZ. SHELF/ COVERED AREA)
14. (N) 2 x 8 (TYP. @ MEZZ. SHELF)
15. (N) 2 x 8 @ MEZZ. SHELF EDGE



PHASE II – (N) MEZZANINE & COVERED STORAGE FRAMING PLANS

NORTH

SCALE: ¼" = 1'-0"

(N)MEZZANINE & ROOF FRAMING PLAN

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Danny Schultz 10/21/26
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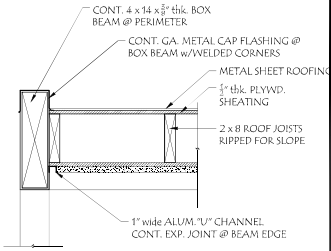
CONSULTANT:

PROJECT: SANTA PAULA POLICE STATION RENOVATION PHASE II

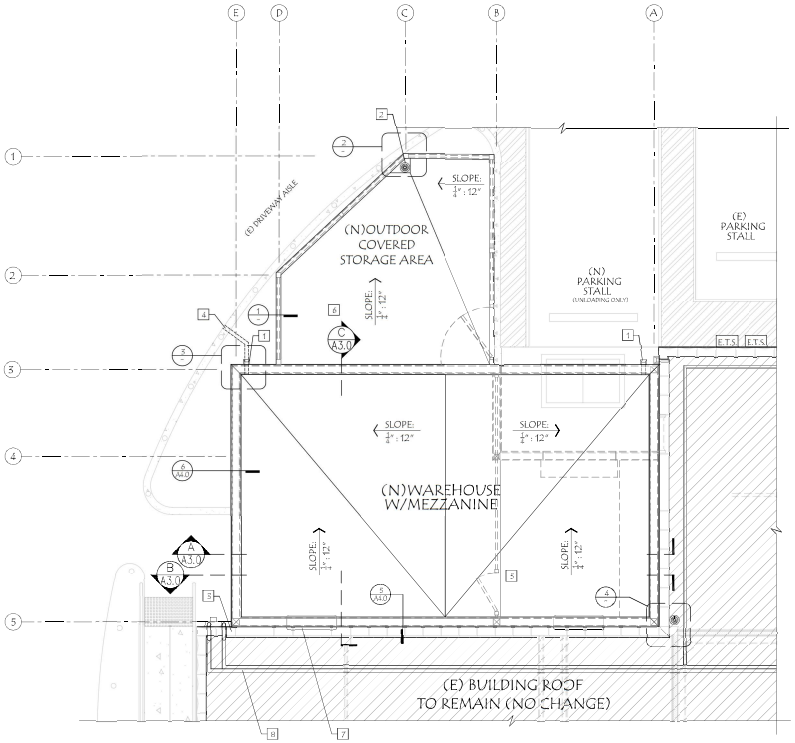
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#	Revision	Date

Scale: AS NOTED
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
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		(E) ROOF DRAIN RECONFIG. SCALE: 3/4" = 1'-0"	4	SCUPPER @ ROOF PARAPET SCALE: 3/4" = 1'-0"	3	ROOF DRAIN SCALE: 3/4" = 1'-0"	2	COVERED STORAGE ROOF SCALE: 1 1/4" = 1'-0"	1



PHASE II - (N) ROOF PLAN

SCALE: 1/4" = 1'-0"

KEY NOTES:

1. (N)ROOF SCUPPERS & DOWNSPOUTS
2. (N)ROOF DRAIN & DOWNSPOUT @ POST
3. (N)PARAPET FLASHING
4. (N)DRAINAGE LINE TO FACE OF CURB
5. (N)BUILT-UP HIGH PERF. CLASS "A" FIRE RATED ROOF, 2 LAYERS FIBERGLASS BASE SHT. & TORCH APPLIED MOD. MIN. SHT. o/2 no. LAYERS 30 lb. FELT
6. (N)GA. METAL ROOF o/1/2" thk. PLYWD. SHTG.
7. (N)HVAC MINI-SPLIT UNITS (2 no.) LOCATED AT MEZZANINE LEVEL
8. (E)ELECTRICAL CONDUIT - SURFACE MOUNTED ON (E) ROOF

(N) ROOF PLAN & DETAILS

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PLANNING & LAND USE SERVICES
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CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

CONSULTANT:

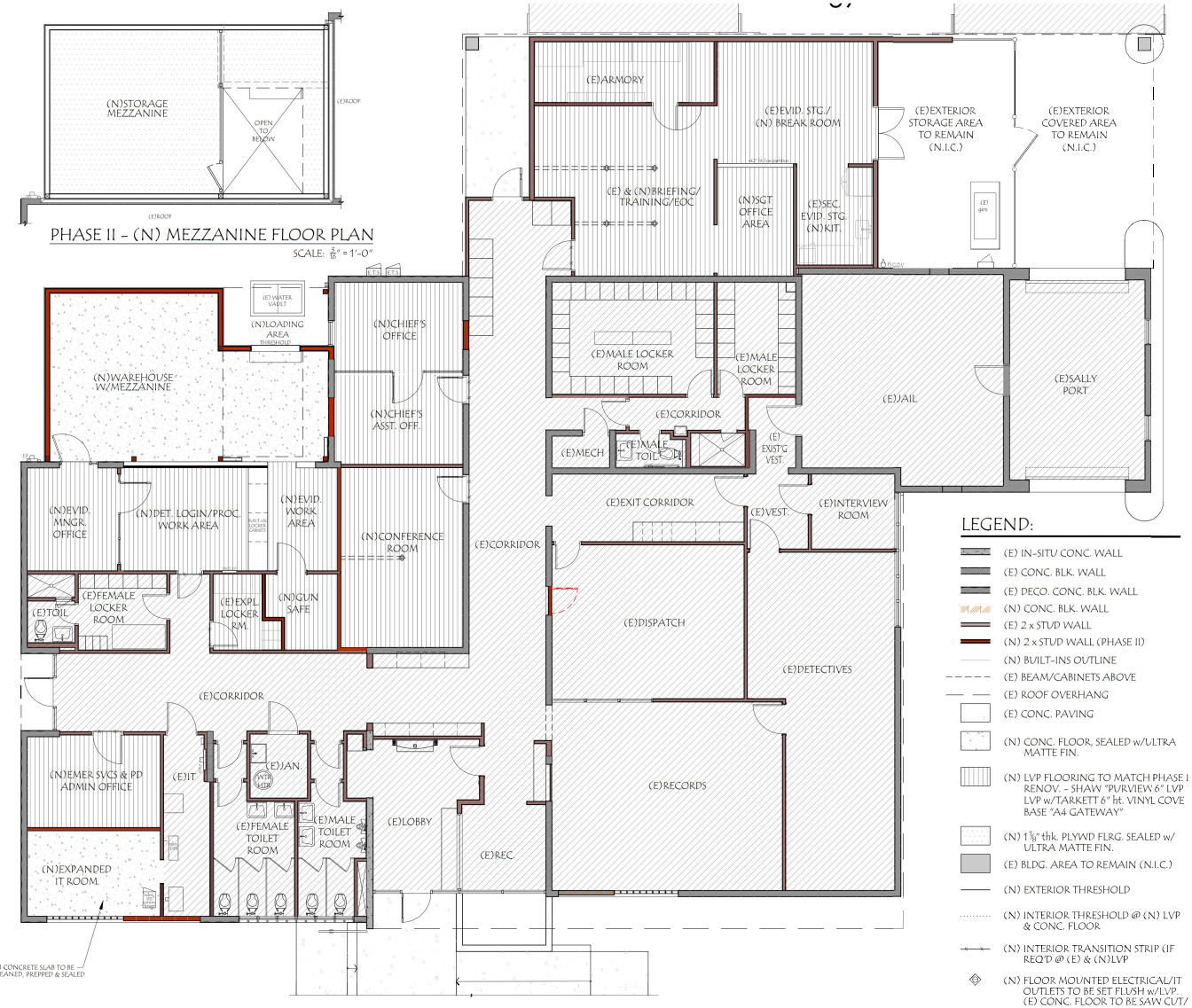
PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 1/4"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A2.2
Sheet: 11 of 37

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PHASE II – (N) MEZZANINE FLOOR PLAN

SCALE: 3/16" = 1'-0"

(N) FLOORING PLAN

SCALE: 3/16" = 1'-0"

LVP DETAIL	SCALE: 1/2" = 1'-0"	1
VINYL COVE BASE DETAIL	SCALE: 1/2" = 1'-0"	2
FLOOR MOUNTED OUTLET	SCALE: 1/2" = 1'-0"	3

FLOORING NOTES:

1. ALL (E)FLOORS TO BE CLEANED, PREPPED, HOLES FILLED & TO BE LEVELED TO FLUSH w/(E)FLOOR SURFACE. ALL WALLS TO BE CLEANED & PREPPED FOR INSTALLATION OF VINYL COVE BASE MATERIAL.
2. (N)LUXURY VINYL PLANK FLOORING (LVP) TO BE SHAW "PURVIEW 6" TO MATCH (E) PHASE I RENOVATION. FLOORING MATERIAL TO BE INSTALLED/GLUED PER MANUF. SPECS. ORIENTATION OF MATERIAL PER PLAN THIS SHT. PROJECT MANAGER TO BE CONTACTED UPON COMPLETION OF FLOOR PREPARATION AND PRIOR TO ALL LVP INSTALLATION. CONTRACTOR IS NOT TO PROCEED WITH INSTALLATION OF FLOORING MATERIAL WITHOUT PROJECT MANAGER APPROVAL.
3. (N) 6" VINYL COVE BASE MANUF. TARKETT A4 GATEWAY TO MATCH EXISTING PHASE I RENOVATION BASE MATERIAL AND INSTALLED IN ALL (N) LVP FLOORING ROOMS (SEE FLOORING PLAN THIS SHT.), (N)CONCRETE FLOOR, (N) PLYWD. MEZZANINE FLOOR & PER MANUF. SPEC'S.
4. (N) 1⅛" thk. PLYWD. FLOORING AT MEZZANINE TO BE GLUED & SCREWED (REFER TO STR. DETS. FOR NAILING). PLYWD. TO BE SEALED w/ULTRA MATTE SEALER MANUF. VERMONT NATURAL COATINGS "POLY WHEY" SUPREME ULTRA-MATTE (OR APPR. EQ.) 2 COATS MIN.
5. (N) CONCRETE FLOORING AT (N) EVIDENCE STORAGE ROOM TO BE PREPPED & SEALED w/WATER-BASED POLYURETHANE MATTE SEALER PER MANUF. SPEC'S. MANUF. SEMCO SEALER MATTE (OR APPR. EQ.) 2 COATS MIN.
6. (N) EXTERIOR SADDLE THRESHOLD REQUIRED AT EVIDENCE STORAGE ROOM ROLL-UP DOOR. ½" thk. ALUM. PLATE, CAULKED TO PREVENT MOISTURE INFILTRATION. MANUF. PEMKO 14 /1 SERIES w/PEMKOTE FIN. FOR ADA COMPL. (OR APPR. EQ.)
7. WHERE POSSIBLE, GLUED CONNECTIONS BETWEEN (N) & (E) LVP PHASE I AREAS ARE PREPPERED TO THE ADDITION OF TRANSITION STRIPS. (N) TRANSITION STRIPS IF REQUIRED AT (N)FLOORING AREAS MUST BE ADA COMPLIANT. MANUF. TRIMMASTER 8 mm. thk. ALUM. "T" MOLD FLOOR TRANSITION STRIP, MINERAL BRONZE COLOR (OR APPR. EQ.)
8. 2 no. TRANSITION STRIPS REQUIRED AT (N) LVP & CONC. FLOORING. MUST BE ADA COMPLIANT. MANUF. LIFETILES 1 ¼" RUBBER FLOORING TRANSITION STRIP MODEL # LTTRN (OR APPR. EQ.)

(N)FLOORING PLAN

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REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

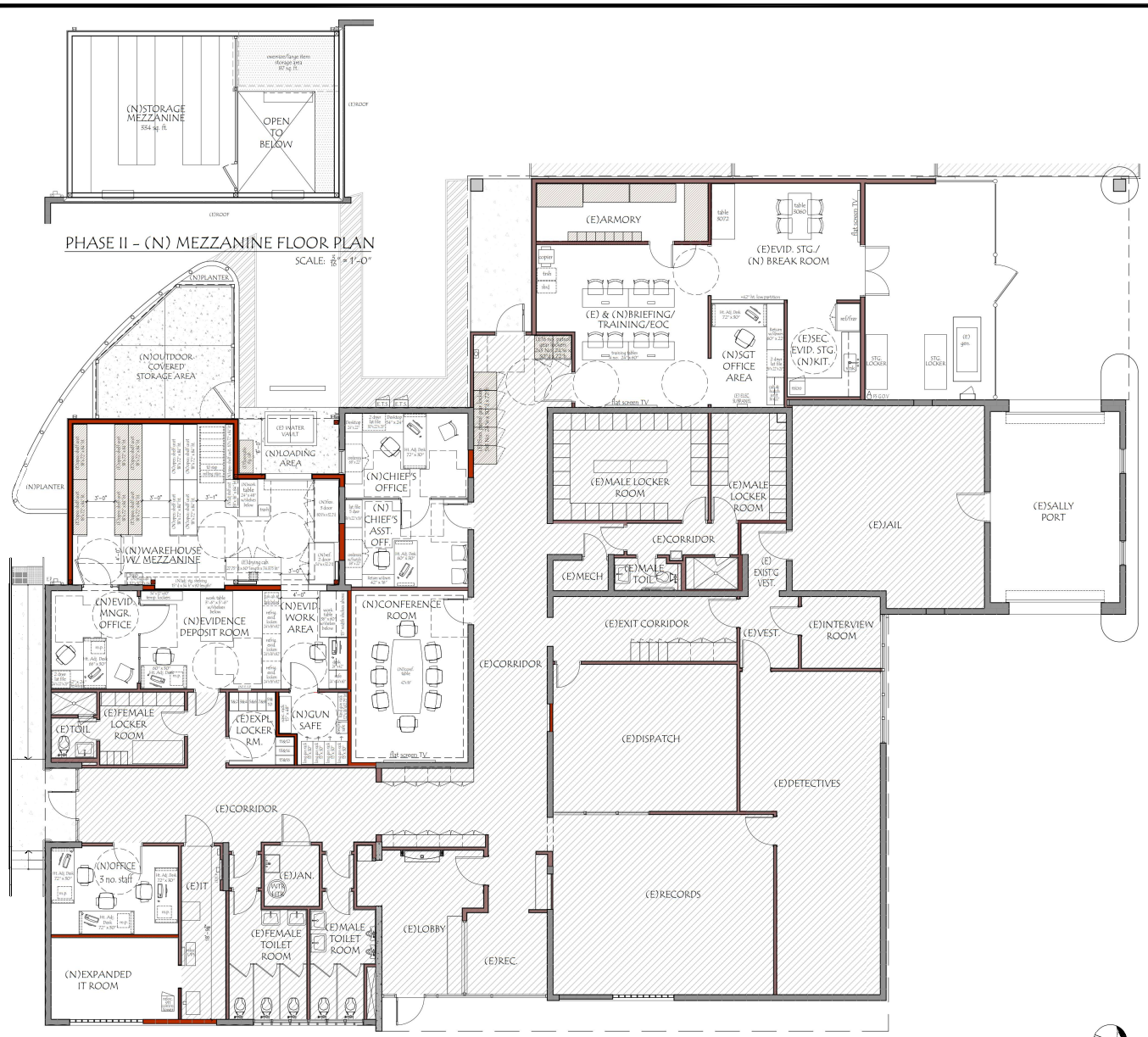
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 3/16"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A2.3
Sheet: 12 of 37



(N) FURNITURE PLAN

SCALE: 3/16" = 1'-0"

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (N) 2 x STUD WALL (PHASE II)
- (N) BUILT-INS OUTLINE
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (N) CONC. FLOOR, SEALED w/ULTRA MATTE FIN.
- (N) LVP FLOORING TO MATCH PHASE I RENOV. – SHAW "PURVIEW 6" LVP LVP w/TARKETT 6" ht. VINYL COVE BASE "A4 GATEWAY"
- (N) 1⅛" thk. PLYWD FLRG. SEALED w/ ULTRA MATTE FIN.
- (E) BLDG. AREA TO REMAIN (N.I.C.)

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

Robert William Company
Planning & Land Use Services
General Engineering & Building Contractors
P.O. Box 11225, Santa Paula CA 93061
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Consultant:

Project:
SANTA PAULA POLICE STATION RENOVATION

Client:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

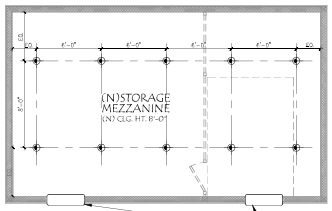
#	Revision	Date

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Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A2.4
Sheet: 13 of 37

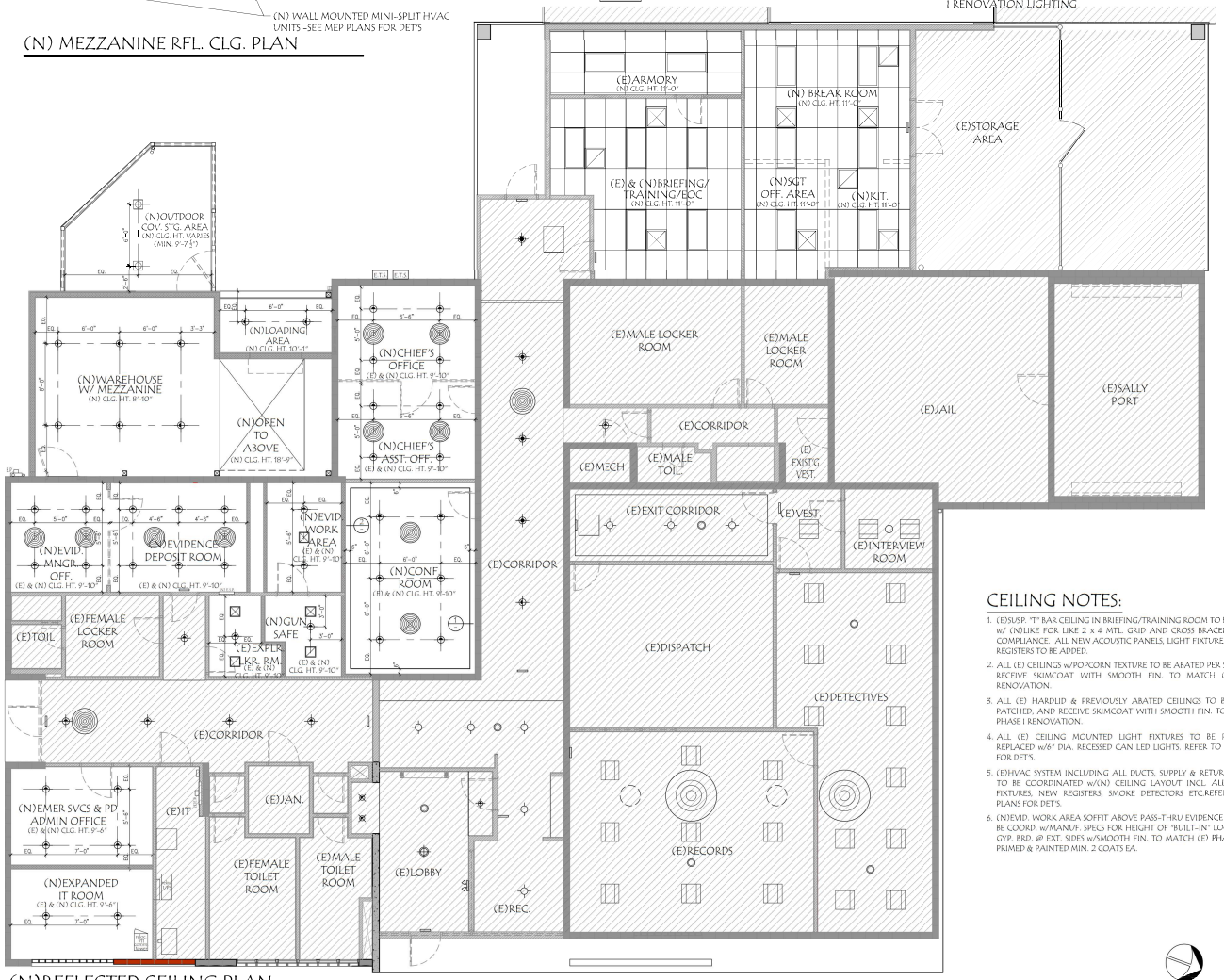
(N)FURNITURE PLAN

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (N) 2 x STUD WALL (PHASE II)
- (E) BLDG. AREA TO REMAIN (N.I.C.)
- (N) 2 x 4 SUSP. "T" BAR CEILING
- (N) 2 x 4 SUSP. "T" BAR LIGHT FIXTURE
- (N) 2 x 2 SUSP. "T" BAR HVAC SUPPLY REGISTER
- (N) 2 x 2 SUSP. "T" BAR HVAC RETURN REGISTER
- (N) 24" dia. HARD LID HVAC RETURN REGISTER
- (N) 24" dia. HARD LID HVAC RETURN REGISTER
- (N) 12" sq. HARD LID HVAC RETURN REGISTER
- (N) 12" sq. HARD LID HVAC SUPPLY REGISTER
- (N) 6" RECESSED LED LIGHTING
- (N) SURFACE MOUNTED EXTERIOR LED FIXTURES
- (N) SUSP. SOFFIT w/RECESSED LOW VOLTAGE LED COLOR STRIP (BLUE) LIGHTING TO MATCH PHASE I RENOVATION LIGHTING



(N) MEZZANINE RFL. CLG. PLAN

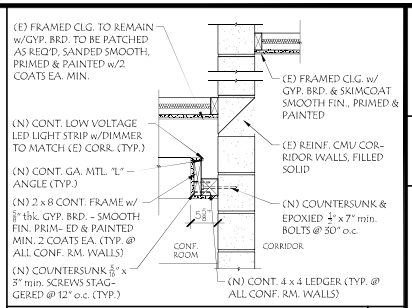


(N)REFLECTED CEILING PLAN

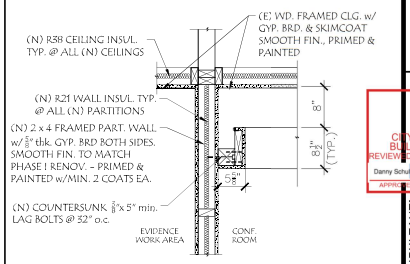
CEILING NOTES:

1. (E)SUSP. "T" BAR CEILING IN BRIEFING/TRAINING ROOM TO BE REPLACED w/ (N)LIKE FOR LIKE 2 x 4 MTL. GRID AND CROSS BRACED FOR CODE COMPLIANCE. ALL NEW ACOUSTIC PANELS, LIGHT FIXTURES AND HVAC REGISTERS TO BE ADDED.
2. ALL (E) CEILINGS w/POPCORN TEXTURE TO BE ABATED PER SHEET A1.6 & RECEIVE SKIMCOAT WITH SMOOTH FIN. TO MATCH (E) PHASE I RENOVATION.
3. ALL (E) HARDLID & PREVIOUSLY ABATED CEILINGS TO BE CLEANED, PATCHED, AND RECEIVE SKIMCOAT WITH SMOOTH FIN. TO MATCH (E) PHASE I RENOVATION.
4. ALL (E) CEILING MOUNTED LIGHT FIXTURES TO BE REMOVED & REPLACED w/6" DIA. RECESSED CAN LED LIGHTS. REFER TO ELEC. PLANS FOR DET'S.
5. (E)HVAC SYSTEM INCLUDING ALL DUCTS, SUPPLY & RETURN REGISTERS TO BE COORDINATED w/(N) CEILING LAYOUT INCL. ALL (N) LIGHT FIXTURES, NEW REGISTERS, SMOKE DETECTORS ETC.REFER TO HVAC PLANS FOR DET'S.
6. (N)EVID. WORK AREA SOFFIT ABOVE PASS-THRU EVIDENCE LOCKERS TO BE COORD. w/MANUF. SPECS FOR HEIGHT OF "BUILT-IN" LOCKERS. ½" thk. GYP. BRD. @ EXT. SIDES w/SMOOTH FIN. TO MATCH (E) PHASE I WALLS. PRIMED & PAINTED MIN. 2 COATS EA.

NORTH
SCALE: ⅛" = 1'-0"



(N) SOFFIT @ CMU WALL DETAIL — SCALE: 1" = 1'-0" — 1



(N) SOFFIT @ WD. FRAME WALL DETAIL — SCALE: 1" = 1'-0" — 2

TYP. SUSP. "T" BAR CEILING — SCALE: 1" = 1'-0" — 3

(N)REFLECTED CEILING PLAN

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CITY OF SANTA PAULA BUILDING AND SAFETY REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

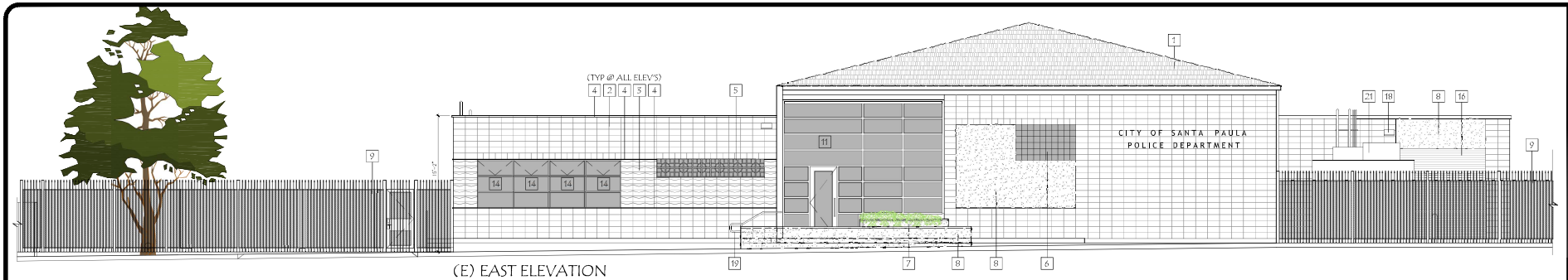
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

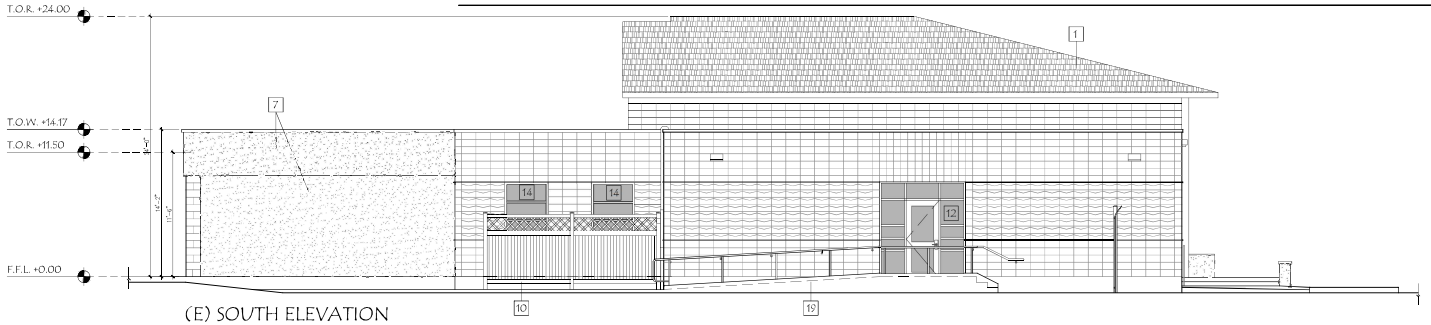
#	Revision	Date

Scale: AS NOTED
Drawn by: CMG
Date: 05/04/2026
Job #: 10504.014
Sheet: A2.5
Sheet: 14 of 37



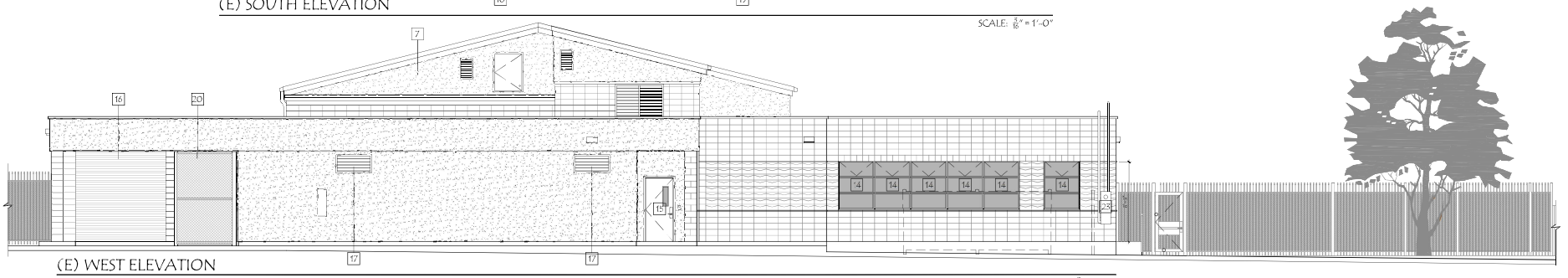
(E) EAST ELEVATION

SCALE: 3/16" = 1'-0"



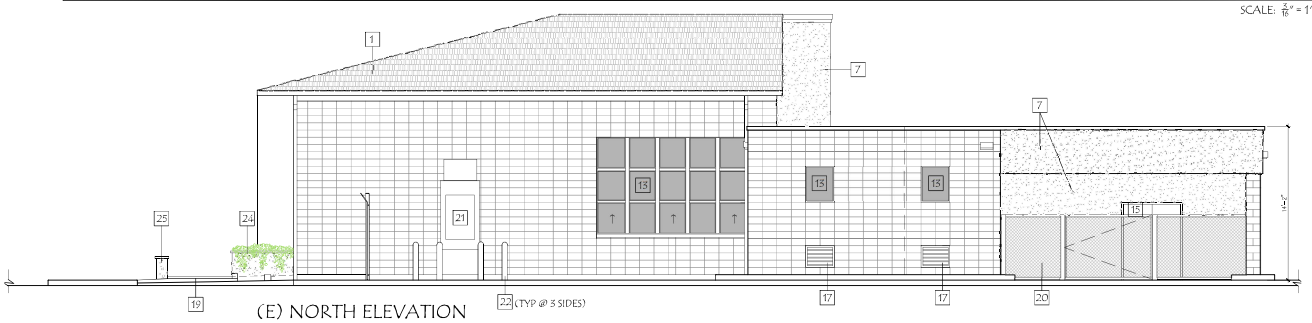
(E) SOUTH ELEVATION

SCALE: 3/16" = 1'-0"



(E) WEST ELEVATION

SCALE: 3/16" = 1'-0"



(E) NORTH ELEVATION

SCALE: 3/16" = 1'-0"

KEYNOTES:

1	(E) ASPHALT SHINGLE ROOF
2	(E) STND. CMU - PAINTED LT. GREY
3	(E) DECORATIVE CMU - PAINTED MED. GREY
4	(E) CMU ACCENT BAND - PAINTED BLACK
5	(E) CMU ACCENT PATTERN - PAINTED BLACK
6	(E) GLASS BLOCKS
7	(E) STUCCO FINISH - GREY COLOR
8	(E) STUCCO FINISH ACCENT - BLUE COLOR
9	(E) PERIMETER FENCE - BLACK COLOR
10	(E) VINYL FENCE @ PATIO TO BE REMOVED
11	(E) BULLET RESISTANT GLAZING SYSTEM
12	(E) ALUM. STOREFRONT
13	(E) WINDOWS TO REMAIN
14	(E) WINDOWS TO BE REMOVED
15	(E) DOORS TO REMAIN
16	(E) ROLL-UP DOORS TO REMAIN
17	(E) MTL. LOUVERS TO REMAIN
18	(E) SECURITY LIGHT FIXTURES (TYP.)
19	(E) RAMP, HANDRAIL & STAIRS TO REMAIN
20	(E) CHAINLINK FENCING TO REMAIN
21	(E) BACK UP GENERATOR
22	(E) BOLLARDS
23	(E) ELEC. PANEL & CONDUITS TO REMAIN
24	(E) RAISED PLANTER
25	(E) RAISED SEAT WALL

(E) ELEVATIONS

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CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED BY
10/21/26
DATE

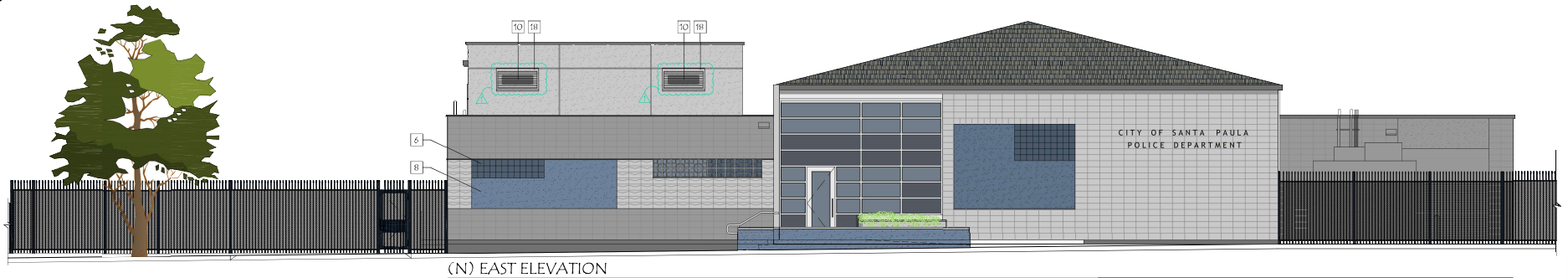
CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

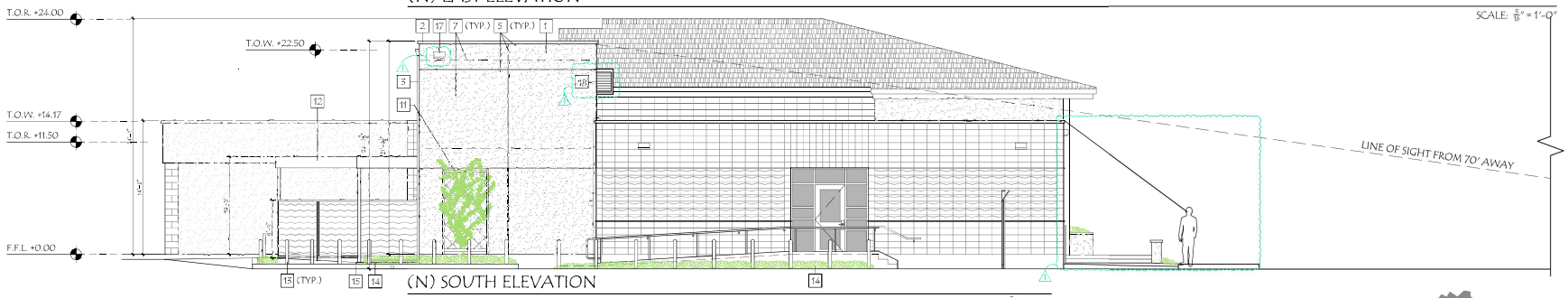
CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: CMG
Date: 05/04/2026
Job # 10504.014
Sheet: A3.0
Sheet: 15 of 37

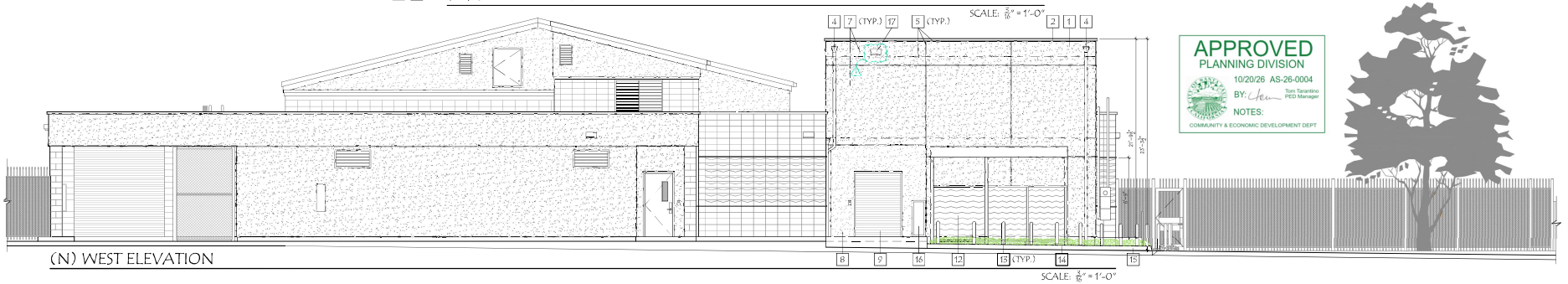


(N) EAST ELEVATION



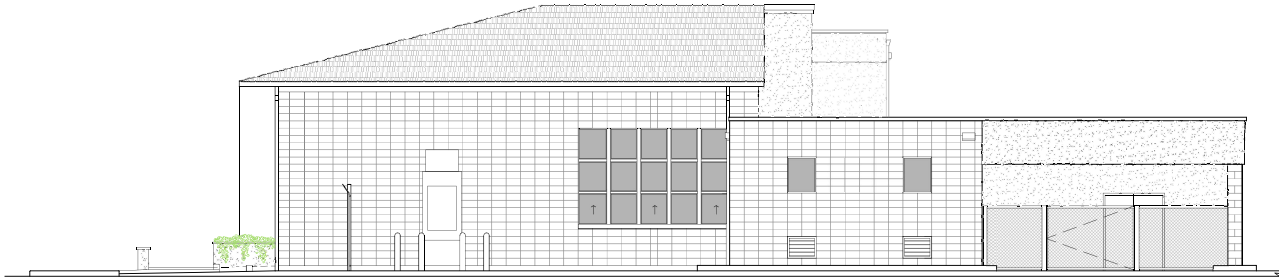
(N) SOUTH ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"



(N) WEST ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"



(N) NORTH ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"

APPROVED
PLANNING DIVISION
10/20/26 AS-26-0004
BY: Tom Tarantino, PED Manager
NOTES:
COMMUNITY & ECONOMIC DEVELOPMENT DEPT

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz — 10/21/26
APPROVED BY — DATE

KEYNOTES:

1	(N) FLAT ROOF–SLOPED TO DRAIN w/PARAPET	10	(N) WALL MOUNTED HVAC MINI SPLIT-UNIT
2	(N) CONT. COPING CAP – PAINTED GREY	11	(N) MTL. TRELLIS STRUCTURE FOR VINES
3	(N) MTL. ROOF DOWNSPOUTS – PAINTED GREY	12	(N) MTL. COVERED SHADE STRUCTURE w/ DECORATIVE METAL SCREEN PANELS
4	(N) MTL. SCUPPERS	13	(N) BOLLARDS – PAINTED STND. YELLOW
5	(N) 1" thk. ALUM. CONTROL JOINTS	14	(N) PLANTER
6	(N) GLASS BLOCKS	15	(N) 6" ht. CONC. CURB
7	(N) STUCCO FINISH – GREY COLOR	16	(N) FLAMMABLE CONTAINMENT CABINET
8	(N) STUCCO FINISH ACCENT – BLUE COLOR	17	(N) DOWNSHADED WALL MOUNTED SECURITY LIGHT FIXTURE
9	(N) ROLL-UP DOOR, BLUE COLOR	18	(N) ALUMINUM MINI SPLIT WALL MOUNTED SCREEN–BLK POWDER COAT

(N) ELEVATIONS

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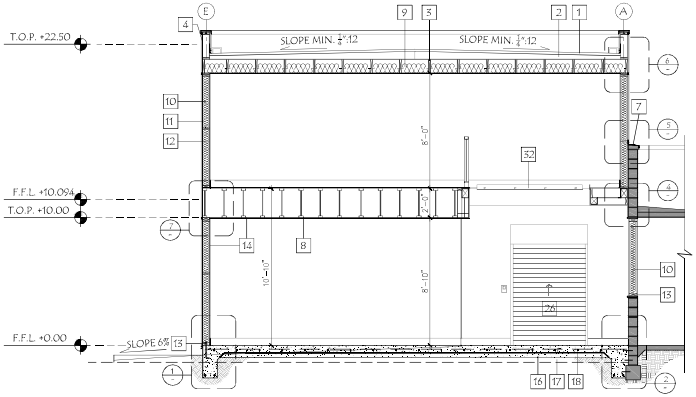
CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

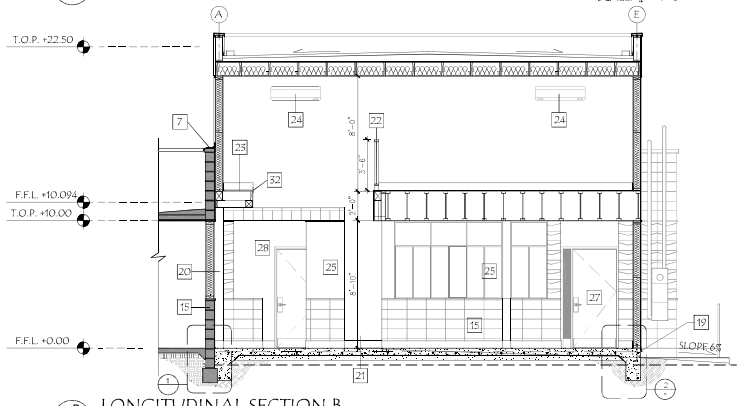
#	Revision	Date
1	PC#1	10/15/26

Scale: AS NOTED
Drawn by: CMG
Date: 05/04/2026
Job #: 10504.014
Sheet: A3.1
Sheet: 16 of 37



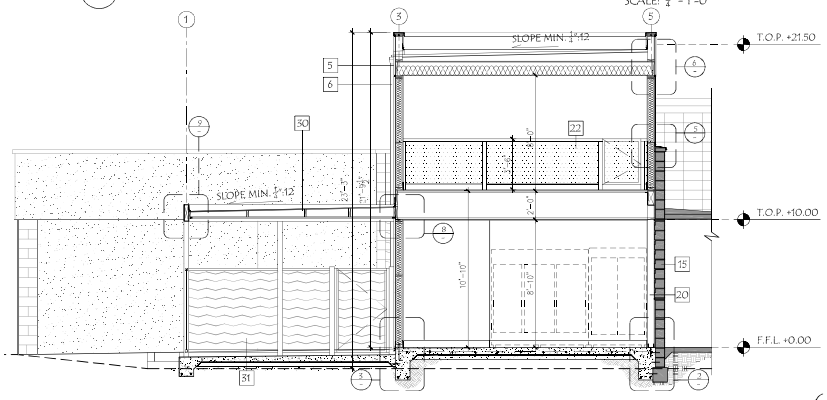
A LONGITUDINAL SECTION A

SCALE: ¼" = 1'-0"



B LONGITUDINAL SECTION B

SCALE: ¼" = 1'-0"



C CROSS SECTION C

SCALE: ¼" = 1'-0"

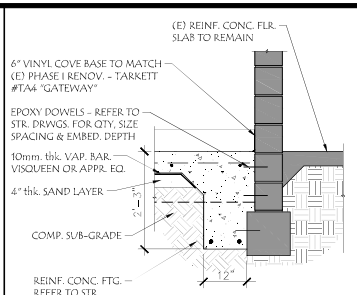
KEYNOTES:

1. BUILT-UP HIGH PERF. CLASS "A" FIRE RATED ROOF. 2 LAYERS FIBERGLASS BASE SHT. & TORCH APPLIED MOD. MINERAL SHT. o/2 no. LAYERS 30 lb. FELT & ¼" thk. PLYWD. SHTG.
2. 2 x RIPPED FOR SLOPE
3. 2 x 12 ROOF JOISTS @ 24" o.c.
4. CONT. MTL. PARAPET COPING CAP w/ "J" TYPE FLASHING BOTH SIDES. PAINTED GREY TO MATCH STUCCO COLOR
5. SCUPPER
6. ROOF DOWNSPOUT
7. CONT. MTL. PARAPET/WALL FLASHING w/"J" TYPE EDGE @ ROOF EDGE ONLY.
8. 3 ½" x 24" ht. TGI's 560D @ 16" o.c. w/ 1 ⅛" thk. PLYWD SHTG GLUED & SCREWED.
9. R38 BATT INSULATION PER TITLE 24 REQUIREMENTS @ ROOF
10. R21 BATT INSULATION PER TITLE 24 REQUIREMENTS @ WALLS
11. 2 x 6 @ 16" o.c. EXT. FRAMED WALLS w/ ⅞" thk. PLYWD. SHTG. @ ALL EXT. SURFACES & 5 COAT STUCCO FIN. "LA HABRA" COLOR #P2-2090 "THUNDER SKY" (OR APPR. EQ.). 1" OFFSET FROM (E) CMU WALLS
12. 2 x FIRE BLOCKING
13. 3 x P.T. PLATE @ ALL CONC. & CMU SURFACES -SECURE w/AB's
14. ⅝" THK. GYP. BRD. @ WALLS, CEILING & BEHIND ALL CABINETS. SMOOTH FINISH-PRIMED & PAINTED TO MATCH PHASE I(TYP.)
15. EXIST'G CMU
16. 4" thk. SAND LAYER
17. 10 mm thk. VAPOR BARRIER - VISQUEEN OR APPR. EQ.
18. REINF. CONC. SLAB & FTGS. PER STRUCTURAL DRAWINGS
19. GA. MTL. WEEP SCREED (TYP.)
20. 6 x 6 WOOD POST - REFER TO STR. DRWGS. SHT. S-2
21. 6 x 24 STRONGWALL - REFER TO STR. DRWGS. SHT. S-2
22. METAL HANDRAIL & GATE
23. BULKY ITEM STORAGE SHELF
24. SINGLE ZONE MINI-SPLIT HVAC UNIT
25. CUSTOM MDF BUILT-IN CABINETS w/ADJ. SHELVES @ FORMER WINDOW LOCATION. FINISH & HARDWARE TO MATCH EXIST'G PHASE I RENOV. CABINETRY
26. COMMERCIAL ROLL-UP DOOR w/LOCK
27. STND. DOOR w/SIDELIGHT, TRANSOM & TIMELY FRAMES (OR APPR. EQ.). CMU TO BE REMOVED BELOW EXIST'G SILL DOOR TYPE, HARDWARE, FINISH & COLOR TO MATCH EXIST'G PHASE I RENOV. SEE SHT. A6.0 FOR DOOR SCHEDULE.
28. NEW OPENING @ EXIST'G WINDOW LOCATION. CMU TO BE REMOVED BELOW TO ALLOW 36" CLEAR OPENING. NEW COUNTER TOP SURFACE @ PREVIOUS SILL
29. EXIST'G WINDOW OPENING TO BE FURRED & INFILLED w/ ⅝" thk. GYP. BRD. SMOOTH FINISH, PRIMED & PAINTED TO MATCH ADJACENT WALLS
30. COVERED OUTDOOR STORAGE METAL ROOF CANOPY STRUCTURE SLOPED TO DRAIN - SEE SHT A2.2 ROOF PLAN FOR DET'S
31. COVERED OUTDOOR STORAGE PRIVACY SCREEN
32. (N) 4" WIDE SLOTTED ALUM. EDGE TRIM TYP @ BULK STG. SHELF

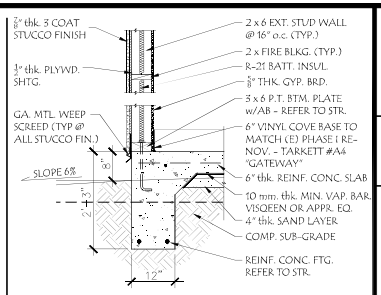
LEGEND:

- (E) FINISH GRADE OF ASPHALT PAVING
- (E) CMU, CONC. & ROOF TO REMAIN
- (E) COMPACTED SUB-GRADE
- (N) CAST-IN-SITU REINF. CONC.
- (N) SAND LAYER
- (N) COMPACTED SUB-GRADE

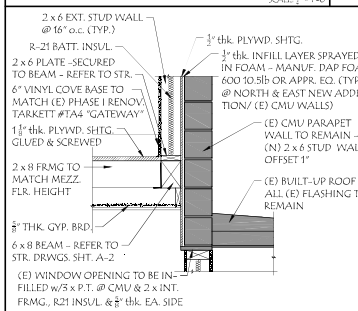
(N) CROSS, LONGITUDINAL SECTIONS & DETAILS



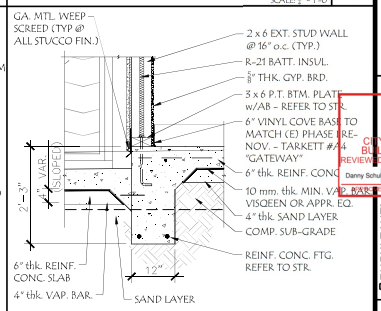
FNDTN. @ (E) CMU BLDG. WALL — SCALE: ¾" = 1'-0" — 2



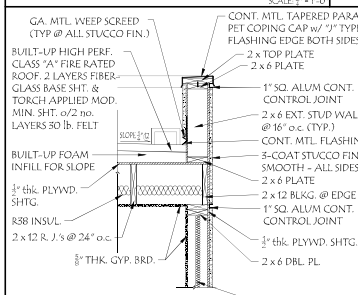
TYP. PERIMETER FNDTN. — SCALE: ¾" = 1'-0" — 1



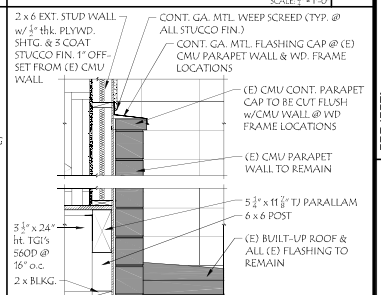
BEAM @ (E) CMU PARAPET — SCALE: ¾" = 1'-0" — 4



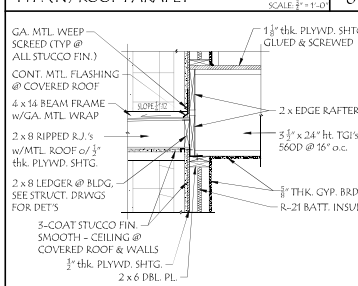
FNDTN @ COVERED STORAGE — SCALE: ¾" = 1'-0" — 3



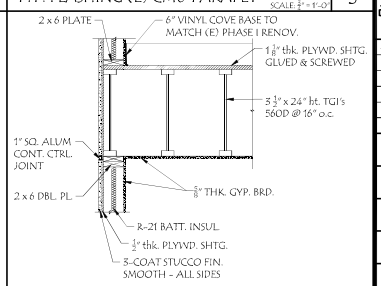
TYP. (N) ROOF PARAPET — SCALE: ¾" = 1'-0" — 6



TYP. FLASHING (E) CMU PARAPET — SCALE: ¾" = 1'-0" — 5



COVERED ROOF @ (N) BLDG. — SCALE: ¾" = 1'-0" — 8



TYP. EDGE BEAM — SCALE: ¾" = 1'-0" — 7

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CITY OF SANTA PAULA BUILDING AND SAFETY REVIEWED FOR CODE COMPLIANCE
Danny Schultz — 10/21/26
REVIEWED BY — DATE

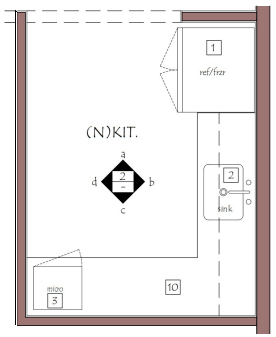
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

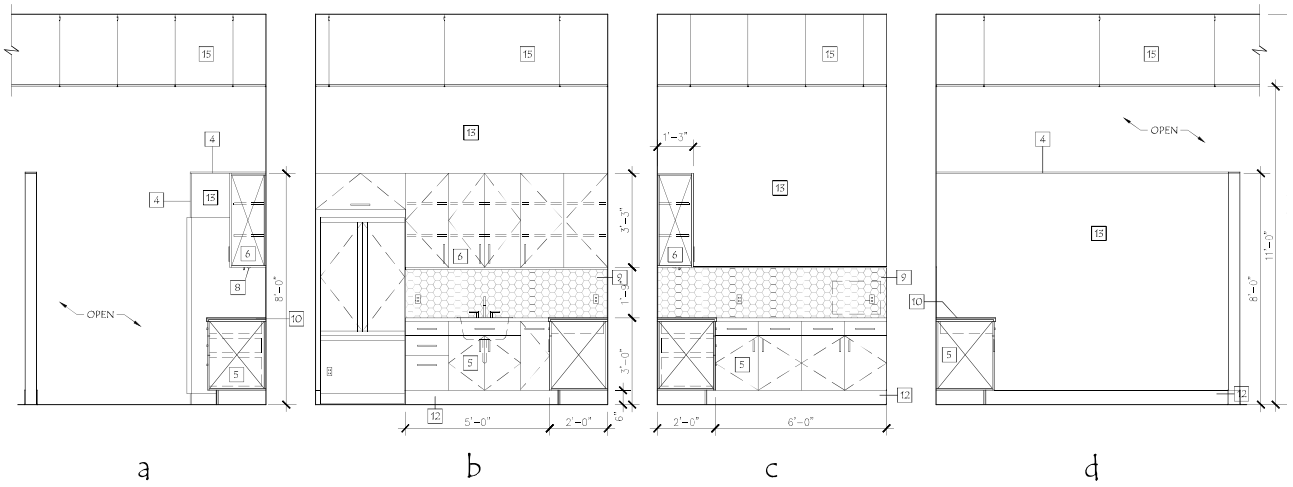
CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

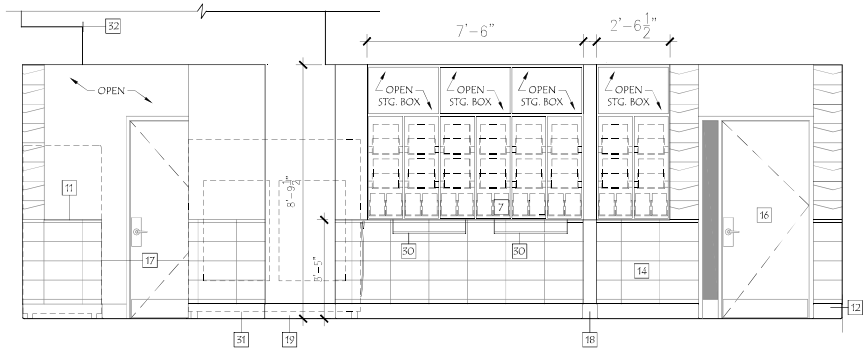
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Drawn by: CMG
Date: 06/12/2026
Job #: 10504.014
Sheet: A4.0
Sheet: 17 of 37



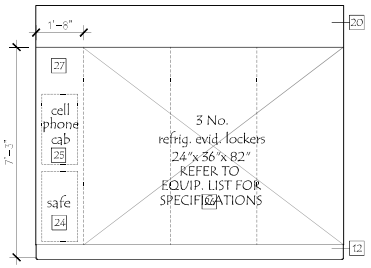
1 KITCHEN PLAN
SCALE: 1/2" = 1'-0"



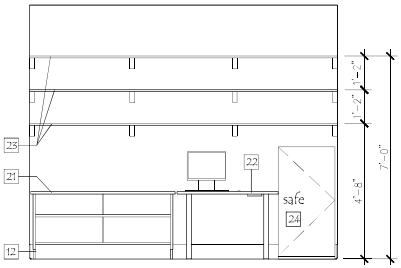
2 KITCHEN ELEVATIONS
SCALE: 1/2" = 1'-0"



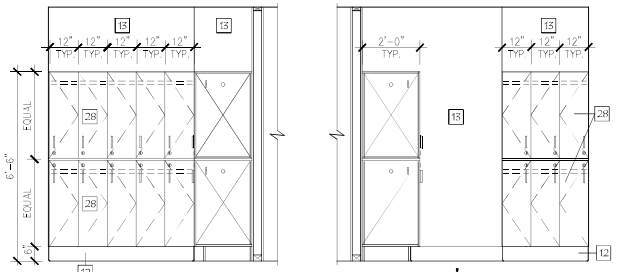
3 WAREHOUSE BUILT-IN CABINETS
SCALE: 1/2" = 1'-0"



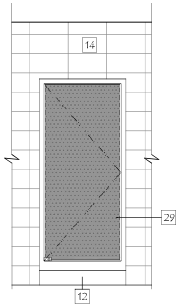
4 EVIDENCE LOGIN
SCALE: 1/2" = 1'-0"



5 EVIDENCE WORK AREA
SCALE: 1/2" = 1'-0"



6 EXPLORER LOCKERS
SCALE: 1/2" = 1'-0"



7 DISPLAY CASE
SCALE: 1/2" = 1'-0"

KEYNOTES:

1. (E) REFRIG./FREEZER RELOCATED FROM (E) BREAK ROOM – N.I.C., WATER FILTER CONNECTION TO BE INSTALLED AT REAR WALL
2. (N) UNDERMOUNT STAINLESS STEEL SINK w/ ADA COMPLIANT STAINLESS STEEL FAUCET
3. (E) MICROWAVE – N.I.C.
4. (N) WIDENED OPENING w/EDGE/JAMB & WALL CAP TRIM TO MATCH MDF CABINETS
5. (N) BASE CABINETS w/MDF FINISH & CABINET HARDWARE TO MATCH PHASE 1 RENOVATION
6. (N)UPPER CABINETS w/MDF FINISH & CABINET HARDWARE TO MATCH PHASE 1 RENOVATION. ADJ. SHELVES IN EA. CABINET. INTEGRATED DRAWERS & ADJ. SHELVES AS SHOWN
7. (N)CABINET FRAMES w/MDF FINISH & ADJ. DRAWERS FOR 6" x 9" & 10.25" x 12" STORAGE ITEMS. FINISH TO MATCH PHASE 1 RENOVATION. CABINET FRAMES TO BE MOUNTED ON (E) CMU WINDOW SILL
8. (N)INTEGRAL UNDER-COUNTER LED LIGHT STRIP AT UPPER KITCHEN CABINET
9. DECORATIVE CERAMIC TILE BACKSPLASH w/ STAINLESS STEEL SCHLUTER STRIP EDGES, VARIGATED GREY COLOR
10. QUARTZ COUNTERTOP w/BEVEL EDGE, LIGHT GREY COLOR
11. QUARTZ COUNTERTOP AT (E) CMU WINDOW SILL w/BEVEL EDGE, LIGHT GREY COLOR
12. RUBBER COVE BASE TO MATCH (E) PHASE RENOVATION, MED. GREY COLOR
13. GYPSUM BOARD WALL w/SMOOTH FINISH PAINTED LIGHT GREY (EGGSHELL)
14. (E) CMU WALLS TO REMAIN, PAINT FINISH
15. (N) SUSPENDED "T" BAR CEILING w/INTEGRATED LIGHTING, HVAC SUPPLY & RETURN REGISTERS
16. (N) DOOR & SIDE LITE TO BE FRAMED WITHIN (E) CMU WINDOW OPENING. CMU TO BE CUT TO SLAB, EDGES PATCHED AND PAINTED
17. (N) OPENING/ACCESS AT (E) CMU WINDOW OPENING. CMU TO BE CUT TO SLAB, EDGES PATCHED AND PAINTED
18. (N) 6 x 6 METAL POST
19. (N) 6 x 6 METAL POST & STRONG WALL
20. (N) GYPSUM BOARD SOFFIT, SMOOTH FIN., PAINTED LIGHT GREY COLOR
21. (N) WORKTABLE
22. (N) ADJUSTABLE HEIGHT WORK DESK
23. (N) ADJUSTABLE HEIGHT CONTINUOUS SHELVES
24. (E) EVIDENCE SAFE
25. (E) SECURE CELL PHONE CABINET
26. (N) REFIGERATED EVIDENCE LOCKERS
27. (N) BUILT-IN CABINET /SHELVING FOR (E) CELL PHONE & EVIDENCE SAFE. FINISH TO MATCH (E) PHASE 1 RENOVATION.
28. (N) BUILT-IN LOCKER CABINETS w/POLE, HOOK AND KEYED LOCK TO MATCH (E) LOCKERS COMPLETED IN PHASE 1. FINISH & HARDWARE TO MATCH (E) PHASE 1 RENOVATION.
29. (N) BUILT-IN MDF DISPLAY CASE w/BULLETIN BOARD BACK, FELT COVERED, DARK BLUE COLOR. SINGLE PIANO HINGED TEMPERED CLEAR GLASS DOOR 3/8" thk. w/BOTTOM KEYED LOCK. MDF TO MATCH PHASE 1 RENOVATION CABINETRY FINISH & HARDWARE. APPROX. SIZE 3' x 7'. CONTRACTOR TO VERIFY EXACT SIZE ON SITE.
30. (N) SUSPENDED DOWELS FOR BUTCHER PAPER & HEAVY DUTY PAPER ROLLS DISPENSER MOUNTED UNDER CABINET.
31. (E) EVIDENCE DRYING CABINET w/FLOOR SINK RELOCATED TO (N) EVIDENCE WAREHOUSE.
32. (N) 4" WIDE SLOTTED ALUM. EDGE TRIM TYP @ BULK STG. SHELF

LEGEND:

- (E) CMU TO REMAIN
- (E) DECORATIVE CMU TO REMAIN
- BACKSPLASH ACCENT TILE
- SHELVES & DRAWERS
- LINE OF CABINETS & BEAM ABOVE

INTERIOR ELEVATIONS

Robert William Company
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General Engineering & Building Contractors
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Phone (805) 525-6402 Fax (805) 525-9840

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

Consultant:

Project:
SANTA PAULA
POLICE STATION
RENOVATION

Client:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: CMG
Date: 05/04/2026
Job #: 10504.014
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WINDOW SCHEDULE

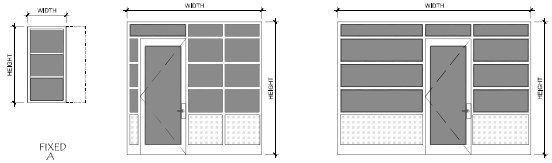
#	WINDOW SIZE WIDTH	WINDOW SIZE HEIGHT	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	TYPE	STYLE	QTY.	MATERIAL	HDR	JAMB	SILL	U FACTOR	U FACTOR SOURCE	SHGC CALC	SHGC SOURCE	TEMP.	BUG SCREEN	TEMP.	REMARKS
W1	2'-8"	5'-2"	4'-0"	5'-3"	A	FIXED	1	ALUM	Y	Y	Y	.3	NFRC	.23	NFRC	Y	N	Y	
W2	9'-2"	9'-4"	9'-2"	9'-4"	B	STOREFRONT	1	ALUM	Y	Y	Y	–	–	–	–	Y	N	Y	COMMERCIAL SYSTEM
W3	13'-5"	9'-4"	13'-5"	9'-4"	B	STOREFRONT	1	ALUM	Y	Y	Y	–	–	–	–	Y	N	Y	COMMERCIAL SYSTEM

DOOR SCHEDULE

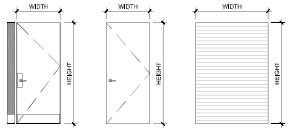
#	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	LOCATION	TYPE	STYLE	THKNS	MTL	FINISH	COLOR	HDP	JAMB	THR	HDWR	PANIC HDWR	LOCK	CLSR	HINGE DIR	GLASS	TEMP.	REMARKS
001	3'-0"	7'-0"	4'-0"	8'-9 1/2"*	EXIST. MNGR. OFF.	A	SLAB w/SIDE LT.	1 3/4"	MTL.	FACTORY	BLUE PT-5	Y	Y	N	DB	Y	Y	Y	P	SIDELIGHT OPAQUE TEMPRD	Y	*(E) RO – 6-10 HEADER PER STR. DWGS–PAINTED FIN.
002	5'-0"	7'-0"	5'-1 1/2"	7'-1"	WAREHOUSE	C	ROLL-UP	2"	MTL.	PAINT	BLUE PT-5	Y	Y	N	KP**	–	Y	–	NA	–	–	**KEY PAD/SECURITY LOCK & W/AUTO SENSOR
003	3'-0"	7'-0"	3'-1 1/2"	7'-1"	GUN SAFE	B	SOLID CORE SLAB	1 3/4"	MTL.	PAINT	GREY	Y	Y	N	DB	N	Y	Y	P	–	–	

WINDOW TYPES

NOTE: WINDOW LABELING IS TO REMAIN IN PLACE ON THE WINDOW(S) AT THE TIME OF INSPECTION AND SHALL MATCH THE FACTORS AND COEFFICIENTS ON THE TITLE 24 ENERGY CALCULATIONS



DOOR TYPES



NOTE:
EXIT DOOR(S) SHALL PROVIDE A MIN. CLEAR WIDTH OF 32" MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90°

ROOM FINISH SCHEDULE

#	LOCATION	FLOORING MATERIAL	FLOORING SIZE	FLOORING FINISH	FLOORING COLOR	BASE MATERIAL	BASE HEIGHT	BASE FINISH	BASE COLOR	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	WALLS MTL.	WALLS FINISH	WALLS COLOR	CEILINGS HEIGHT	CEILINGS MATERIAL	CEILINGS FINISH	CEILINGS COLOR	REMARKS
101	WAREHOUSE	CONCRETE	NA	SMOOTH	NATURAL	VINYL	6"	–	GREY	CMU	CMU	GYP. BRD	GYP BRD	PAINT	FLAT	PT–1	8'–9 1/2"	GYP BRD	PAINT	WHITE	
102	EVID. MNGR. OFF.	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	STOREFRONT	GYP BRD	CMU	CMU	PAINT	FLAT	PT–1	9'–10"+	SKIM COAT	PAINT	WHITE	* E IST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
103	EVIDENCE DEPOSIT ROOM	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD/ LOCKERS	GYP BRD	STOREFRONT	CMU & GYP. BRD	PAINT	FLAT	PT–1 @ N,S,&W PT–2@ E	9'–10"+	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
104	EVID. WORK AREA	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	GYP BRD	GYP BRD/ LOCKERS	CMU	PAINT	FLAT	PT–1 @ S, E&W PT–3@ N	9'–10"+	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
105	EXPLORER'S LOCKER RM	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP. BRD	GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT–1	9'–10"+	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
106	GUN SAFE	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP. BRD	GYP BRD	GYP. BRD	GYP BRD	PAINT	FLAT	PT–1	9'–10"+	SKIM COAT	PAINT	WHITE	* E IST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
107	CONFERENCE RM.	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	CMU	CMU & GYP. BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT–1@ N PT–2@ N&S PT–5@ E	9'–10"+	SKIM COAT	PAINT	WHITE	* E IST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
108	ASST. CHIEF'S OFF.	VP–SHAW "PURVIEW"	6"	TE. TURED	MINERAL	VINYL	6"	–	GREY	CMU	GYP BRD	CMU & GYP. BRD	STOREFRONT	PAINT	FLAT	PT–1 @ N,S,&W PT–3@ E	9'–10"+	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
109	CHIEF'S OFF.	VP–SHAW "PURVIEW"	6"	TE. TURED	MINERAL	VINYL	6"	–	GREY	CMU & GYP. BRD	STOREFRONT	CMU	CMU	PAINT	FLAT	PT–1	9'–10"+	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
110	BRIEFING/TRAINING RM.	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"		GREY	GYP BRD	CMU	GYP BRD	GYP BRD	PAINT	FLAT	PT–1@ E PT–2@ W&S PT–3@ N	11'–0"	SUSP. "T" BAR	PANEL	WHITE	
111	ARMORY	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"		GREY	GYP BRD	GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT–1	11'–0"	SUSP. "T" BAR	PANEL	WHITE	
112	BREAK ROOM	VP–SHAW "PURVIEW"	6"	TE. TURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT–1 @ E PT–3 @ N&S PT–5@ W	11'–0"	SUSP. "T" BAR	PANEL	WHITE	
113	KITCHEN	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	CMU	GYP BRD	GYP BRD	PAINT	FLAT	PT–2@ S,E&W PT–5 @ N	11'–0"	SUSP. "T" BAR	PANEL	WHITE	
114	SARGEANT OFF.	VP–SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	CMU	GYP BRD	GYP BRD	PAINT	FLAT	PT–1@ E PT–2@ N&W PT–5 @ S	11'–0"	SUSP. "T" BAR	PANEL	WHITE	
115	EMERG. SVCS. & PD ADMIN OFF.	VP–SHAW "PURVIEW"	6"	TE. TURED	MINERAL	VINYL	6"	–	GREY	GYP. BRD	GYP BRD	CMU	CMU & GYP. BRD	PAINT	FLAT	PT–1 @ S&W PT–2@ N&e	9'–10"+	SKIM COAT	PAINT	WHITE	* E IST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
116	EXPANDED IT RM.	CONCRETE	NA	SMOOTH	NATURAL	VINYL	6"	–	GREY	GYP. BRD	CMU	CMU	GYP BRD	PAINT	FLAT	PT–1	9'–10"+	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
201	MEZZANINE	PLYWOOD	NA	NA	MINERAL	VINYL	6"	–	GREY	GYP. BRD	GYP BRD	GYP. BRD	GYP BRD	PAINT	FLAT	PT–1	8'–0"	GYP BRD	PAINT	WHITE	

PAINT SCHEDULE

#	MANUF.	TYPE	COLOR	COLOR NAME	SPEC #	REMARKS
PT–1	SHERWIN WILLIAMS	EGGSHELL	WHITE	EXTRA WHITE	SW–7006	
PT–2	SHERWIN WILLIAMS	EGGSHELL	LT. GREY	GRAY SCREEN	SW–7071	
PT–3	SHERWIN WILLIAMS	EGGSHELL	MED. GREY	ONLINE	SW–7072	
PT–4	SHERWIN WILLIAMS	EGGSHELL	DK. GREY	NETWORK GRAY	SW–7073*	CUSTOM MIX 50% 7073 & 50% 7072
PT–5	SHERWIN WILLIAMS	EGGSHELL	BLUE	REVEL BLUE	SW–9530	
PT–6	SHERWIN WILLIAMS	ENAMEL	WHITE	EXTRA WHITE	SW–7006	

SCHEDULES

ROBERT WILLIAM COMPANY
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CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: CMG
Date: 05/04/2026
Job #: 10504.014
Sheet: A6.0
Sheet: 19 of 37

SPECIFICATIONS

PART 1: GENERAL REQUIREMENTS

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM AS ON ON THE DRAWINGS.
2. THE CONTRACTOR FOR THIS WORK IS REQUIRED TO READ THE ENTIRE SPECIFICATION AND REVIEW DRAWINGS FOR ALL OTHER TRADES.
3. ARCHITECTURAL SPECIFICATIONS, GENERAL, SPECIAL AND SUPPLEMENTAL CONDITIONS SHALL FORM A PART OF THIS CONSTRUCTION DOCUMENT.
4. PRIOR TO CONTRACTOR SUBMITTING HIS BID, HE SHALL VISIT THE JOB SITE TO BECOME COMPLETELY FAMILIAR WITH ALL ASPECTS OF THE NEW CONSTRUCTION AND ALL REQUIREMENTS THAT MAY BE IMPOSED BY THE OWNER. FAILURE TO DO THIS WILL RELIEVE OWNER FROM ANY FINANCIAL OBLIGATION FOR EXTRA WORK OR COST INCURRED BY THE CONTRACTOR. CONTRACTOR TO TAKE NOTE OF ALLOWABLE WORK HOURS, ON-SITE STORAGE FACILITIES AND AVAILABLE PARKING AND INCLUDE THIS IN HIS BID.
5. THE CONTRACTOR SHALL PROVIDE ALL LABORS, MATERIALS, EQUIPMENT, SERVICES, TOOLS, TRANSPORTATION, INCIDENTALS, FINAL CONNECTIONS AND DETAILS NECESSARY TO PROVIDE COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEMS AS SHOWN ON THE DRAWINGS.
6. UNLESS SPECIFICALLY NOTE OTHERWISE, MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDE ALL COMPONENTS THEREOF, SHALL BE NEW AND UNDERWRITER LABORATORY LISTED (UL). PRODUCTS OF A SIMILAR NATURE SHALL BE OF THE SAME TYPE AND MANUFACTURER.
7. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL LICENSES, PERMITS, INSPECTIONS AND FEES REQUIRED AND RELATED TO THE WORK.
8. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY LIGHT AND POWER FOR CONSTRUCTION.
9. ALL WORK SHALL BE PERFORMED IN A NEAT AND PROFESSIONAL MANNER. ELECTRICAL EQUIPMENT SHALL BE FIRMLY SECURED TO THE SURFACE ON WHICH IT IS MOUNTED.
10. ALL WORK SHALL CONFORM TO NEC 2023 EDITION, CEC 2025, THE STATE'S, COUNTY'S, CITY'S AND LOCAL CODES AND ORDINANCES, SAFETY AND HEALTH CODES, NFPA CODE, 2025 ENERGY CODES, AND ALL OTHER APPLICABLE CODES AND REQUIREMENTS.
11. ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATION, SERVICING MAINTENANCE AND REPAIR. ELECTRICAL EQUIPMENT AND DEVICES REQUIRING MAINTENANCE AND TESTING INSTALLED IN CEILING SPACES SHALL BE ACCESSIBLE. AREAS WITH HARD CEILINGS SHALL BE PROVIDED WITH AN ACCESS PANEL. COORDINATE LOCATIONS WITH ARCHITECT PRIOR ROUGH-INS.
12. PER NEC SECTION 110.3(B) LISTED OR LABELED EQUIPMENT SHALL BE INSTALLED AND USED IN ACCORDANCE WITH ANY INSTRUCTIONS INCLUDED IN THE LISTING OR LABELING. TORQUE SCREWDRIVER AND WRENCHES SHALL BE USED TO PERFORM TERMINATION TIGHTENING. TORQUE FOOT-POUND VALUES SHALL BE PER MANUFACTURER'S PUBLISHED DATA.
13. NOTHING DESCRIBED HEREIN OR INDICATED ON THE DRAWINGS SHALL BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE MOST STRINGENT OF THE APPLICABLE CODES AND REGULATIONS.
14. CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP, EQUIPMENT AND MATERIALS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FORM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT AS A WHOLE BY THE OWNER. SHOULD ANY DEFECTS OCCUR DURING THIS PERIOD THE CONTRACTOR SHALL PROMPTLY REPAIR OR REPLACE DEFECTIVE ITEMS AT NO ADDITIONAL COST TO THE OWNER. REFER TO ARCHITECTURAL GENERAL SPECIFICATIONS FOR FURTHER REQUIREMENTS.
15. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. SIZES, LOCATION OF EQUIPMENT AND WIRING ARE SHOWN TO SCALE WERE POSSIBLE, BUT MAY BE DISTORTED FOR CLARITY. FINAL LOCATIONS OF OUTLETS AND EQUIPMENT SHALL BE ADJUSTED AS DICTATED BY EXISTING CONDITIONS. IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOWN ALL NECESSARY BENDS, OFFSETS, JUNCTION BOXES AND PULL BOXES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL HIS WORK TO CONFORM TO THE STRUCTURE. EXACT LOCATION OF CONDUIT RUNS AND ROUTING TO BE DETERMINED IN THE FIELD TO SUIT CONDITIONS.
16. ANY ERROR, OMISSION OR DESIGN DISCREPANCY OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND/OR SITE SUPERVISOR FOR CLARIFICATION OR CORRECTION PRIOR INSTALLATION .
17. CONTRACTOR SHALL BE RESPONSIBLE TO MAKE AND OBTAIN APPROVAL FOR ALL NECESSARY ADJUSTMENTS IN CIRCUITING AS REQUIRED TO ACCOMMODATE THE RELOCATIONS OF EQUIPMENT AND/OR DEVICES WHICH ARE AFFECTED BY ANY APPROVED AUTHORIZED CHANGE. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD (AS-BUILT) DRAWINGS.
18. THE WORD "VERIFY LOCATION" ABBREVIATED AS "VL" SHALL MEAN TO COORDINATE THE EXACT LOCATION OF THE DEVICE OR EQUIPMENT BEING REFERRED TO WITH THE OWNER'S REPRESENTATIVE AND TO PROVIDE NECESSARY ADJUSTMENTS.
19. THE WORD "WIRING " MEANS CONDUITS, FITTINGS, WIRES, CABLES, WIRING DEVICES, OUTLET BOXES. ALL CONSTRUCTION MATERIAL AN LABORS AS NEEDED INCLUDING ALL CONNECTIONS AS REQUIRED AND APPLICABLE.
20. IN CASES WHERE THE MANUFACTURER OF THE EQUIPMENT AND MATERIAL USED IN THIS PROJECT FURNISH DIRECTIONS COVERING POINTS NOT SHOWN ON THE DRAWINGS OR HEREIN SPECIFIED, SUCH DIRECTIONS SHALL BE FOLLOWED WITHOUT ADDITIONAL COST TO THE OWNER.
21. LOCATIONS SHOWN ON ARCHITECTURAL CEILING PLANS OR ON WALL ELEVATIONS SHALL TAKE PRECEDENCE OVER ELECTRICAL PLAN LOCATIONS.
22. MISSING MOUNTING HEIGHTS FOR ALL ELECTRICAL DEVICES MUST BE OBTAINED FROM ARCHITECT PRIOR ROUGH-INS.
23. ALL REQUIRED POWER OUTAGES THAT ARE NECESSARY IN ORDER TO COMPLETE ANY PORTION OF THE WORK SHALL BE ENTIRELY AT THE OWNERS CONVENIENCE ANT AT A TIME DESIGNATED BY HIM AND BE FULLY COORDINATED WITH THE OWNER'S REPRESENTATIVE. A MINIMUM OF 48 HOURS ADVANCE NOTICE SHALL BE GIVEN TO THE OWNER SHALL BE GIVEN TO THE OWNER OF TIME DESIRED. OWNER SHALL APPROVE TIME OF OUTAGE BEFORE CONTRACTOR DISCONNECTS ANY CIRCUITS. CONTRACTOR SHALL FURNISH, INSTALL AND REMOVE ANY TEMPORARY JUMPERS, ETC. TO MAINTAIN ALL LOADS THAT THE OWNER DESIGNATES AS NOT BEING ABLE TO SHUT DOWN DURING CONSTRUCTION.
24. CONTRACTOR TO SECURE PERMISSION FROM THE OWNER BEFORE PERFORMING ANY CUTTING OR PATCHING WORK WHICH IS LIKELY TO AFFECT THE STRENGTH OF A STRUCTURAL MEMBER. ALL PENETRATIONS THROUGH CONCRETE CONSTRUCTION SHALL BE DONE IN THE MANNER DIRECTED BY THE ARCHITECT.SUBMIT SHOP DRAWING OF ELECTRICAL EQUIPMENT SPECIFIED HEREIN TO ARCHITECT FOR REVIEW AND APPROVAL.
25. WHERE EQUIPMENT IS IDENTIFIED BY MANUFACTURER AND CATALOG NUMBER, IT SHALL BE CONSTRUED AS THE BASE OF REQUIREMENTS FOR QUALITY AN PERFORMANCE. IF THE CONTRACTOR SUBMITS SUBSTITUTE EQUIPMENT FOR APPROVAL, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SUFFICIENT SUPPORTING DATA TO PERMIT EVALUATION OF THE PROPOSED SUBSTITUTE WITH RESPECT TO QUALITY, PERFORMANCE, SERVICEABILITY AND WARRANTY. THE ENGINEER'S DECISION AS TO WHETHER THE SUBMITTED EQUIPMENT IS ACCEPTABLE SHALL BE FINAL AND BINDING. ALL CHANGES NECESSARY TO ACCOMMODATE THE SUBSTITUTED EQUIPMENT SHALL BE MADE AT THE CONTRACTOR'S EXPENSE, AND SHALL BE AS APPROVED BY THE ENGINEER. DETAILED DRAWINGS INDICATING THE REQUIRED CHANGES SHALL BE SUBMITTED FOR APPROVAL AT THE TIME THE SUBSTITUTION IS REQUESTED.
26. ELECTRICAL EQUIPMENT FOR THIS PROJECT SHALL BE ORDERED BASED ON APPROVED AND PERMITTED SET OF CONSTRUCTION DOCUMENT AND APPROVED SHOP DRAWINGS. DO NOT PRE-ORDER ANY EQUIPMENT UNLESS APPROVED BY THE ARCHITECT.
27. CONTRACTOR SHALL MAKE ALL SCHEDULING AND ARRANGEMENT WITH THE 3RD PARTY INSPECTION AND COMMISSIONING OF LIGHTING AND POWER SYSTEM IN COMPLIANCE WITH CALIFORNIA TITLE 24 ENERGY ORDINANCE. CONTRACTOR SHALL BE BE RESPONSIBLE FOR ALL INCURRED COST.
28. CONTRACTOR TO TEST ALL PARTS OF THE ELECTRICAL INSTALLATION FOR PROPER PHASING, CONTINUITY, SHORTS AND GROUNDS PRIOR TO PLACING IN SERVICE. CONTRACTOR TO MAKE RECORDS OF ALL TESTS AND DELIVER TO THE ARCHITECT FOR VERIFICATION.
29. BEFORE FINAL ACCEPTANCE ELECTRICAL EQUIPMENT INCLUDING LIGHTING FIXTURES SHALL BE CLEANED AND BE FREE FROM DIRT, GREASE AND FINGER MARKS. ALL TO THE SATISFACTION OF THE ARCHITECT.
30. CONTRACTOR TO PROVIDE AN AS-BUILT DRAWING SET FOR ALL ELECTRICAL WORK INSTALLED IN THE PROJECT. AS-BUILT SET MUST INCLUDE ALL DEVIATIONS FROM ORIGINAL CONTRACT DRAWINGS, INFORMATION REGARDING ALL CHANGE ORDERS, DIMENSIONED LOCATIONS OF ALL SPARE CONDUIT STUB-OUTS, ALL PANEL CIRCUIT DIRECTORIES AGAINST ACTUAL CIRCUIT ASSIGNMENT AND A DIAGRAM OF ALL EQUIPMENT CONNECTIONS. AT THE CONCLUSION OF THE WORK, DELIVER AS-BUILT DRAWINGS TO THE OWNER'S REPRESENTATIVE.
31. AT COMPLETION OF WORK, CONTRACTOR SHALL CLEAN UP AND REMOVE ALL DEBRIS AND MATERIALS NOT INSTALLED IN WORK. DISPOSE IN AN ENVIRONMENTALLY APPROVE MANNER, LEAVING THE PREMISE CLEAN.
32. MAXIMUM COMBINED VOLTAGE DROP ON BOTH THE INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5%.
33. ALL MULTI-BRANCH CIRCUIT SHALL BE PROVED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES.
34. PROVIDE SEISMIC RESTRAINS FOR EQUIPMENT AS NEEDED. ALL SEISMIC RESTRAINTS MUST BE CERTIFIED BY A REGISTERED STRUCTURAL ENGINEER.
35. PROVIDE EXPANSION/DEFLECTION FITTINGS FOR CONDUITS CROSSING EXPANSION JOINTS. FITTINGS SHALL BE SUITABLE FOR CONDITIONS TO BE ENCOUNTERED. VERIFY WITH OWNER'S REPRESENTATIVE PRIOR COMMENCING WORK.
36. ALL EXTERIOR ELECTRICAL DEVICES AND EQUIPMENT SHALL BE WEATHERPROOF AND WEATHER RESISTANT (NEC-406.8)
37. PROVIDE 1 /8" POLYPROPYLENE PULL ROPE IN ALL EMPTY CONDUITS. IDENTIFY CONDUITS AT EACH END WITH TAGS IDENTIFYING OTHER END OF CONDUIT
38. MANUALLY OPERATED ELECTRICAL EQUIPMENT 0-150 VOLTS TO GROUND SHALL REQUIRED 36"(UON) CLEAR AND UNOBSTRUCTED SPACE IN FRONT OF EQUIPMENT.
39. MANUALLY OPERATED ELECTRICAL EQUIPMENT RATED 151-600VOLTS TO GROUND SHALL REQUIRED 42" CLEAR AND UNOBSTRUCTED SPACE IN FRONT OF EQUIPMENT WHEN ONE SIDE OF THE WORKING SPACE HAS EXPOSED LIVE PARTS AND THE OTHER SIDE IS GROUNDED.

PART 2 : PRODUCTS AND INSTALLATION

1. CONDUITS:
   - A. INTERMEDIATE METALLIC CONDUIT(IMC):PROVIDE LIGHT WEIGHT STEEL THAT IS HOT-DIPPED GALVANIZED.
   - B. ELECTRIC METALLIC TUBING: PROVIDE TUBING OF HIGH GRADE STEEL WITH EXTERIOR PROTECTIVE COATING OF ZINC.
   - C. RIGID ALUMINUM CONDUIT: PROVIDE LIGHT WEIGHT CONDUIT WITH THREADED CONNECTIONRS AND FITTINGS.
   - D. FLEXIBLE STEEL CONDUIT: PROVIDE LIGHT WEIGHT STEEL GALVANIZED CONDUIT.
   - E. FLEXIBLE ALUMINUM CONDUIT: PROVIDE LIGHT WEIGHT FLEXIBLE ALUMINUM CONDUIT.
   - F. FLEXIBLE CONDUIT CONNECTORS AND FITTINGS: PROVIDE DIE-CAST FITTINGS OF THE TYPE THAT SCREWS INSIDE OF THE CONDUIT.
   - G. FLEXIBLE LIQUIDTIGHT STEEL CONDUIT AND FITTINGS: SHALL BE LIGHT WEIGHT STEEL GALVANIZED WITH AN EXTRUDED POLYVINYL CHLORIDE COVER.
   - H. PLASTIC CONDUIT AND FITTINGS: PROVIDE HEAVY WALL SCHEDULE 40.
   - I. SLEEVES: SHALL BE COATED GALVANIZED STEEL PIPE.
   - J. SEALANT: FIRE RATED EQUAL TO WALL OR CEILING PENETRATED.
   - K. USE RIGID STEEL CONDUIT WHERE DIRECTLY EXPOSED TO WEATHER AND SUBJECT TO ABNORMAL CONDITIONS.
   - L. USE "EMT" AND ALUMINUM CONDUITS FOR ALL SIZES UP TO 2 INCHES IN DRY LOCATIONS.
   - M. FLEXIBLE STEEL CONDUIT: USE FOR SHORT MOTOR CONNECTIONS AND CONNECTIONS TO RECESS MOUNTED FIXTURES AND FOR GENERAL LIGHTING, POWER AND COMMUNICTION WIRING. FLEXIBLE CONDUIT SHALL NOT BE USED FOR CONDUIT FEEDER, STUB-UP, AND STUB-OUTS.
   - N. ALUMINUM FLEXIBLE CONDUIT: MAY BE USED IN DRY WALLS FOR GENERAL LIGHTING AND POWER BRANCH CIRCUITING ONLY.
   - O. USE INSULATED BUSHINGS AND LOCKNUTS ON ALL CONDUITS WHERE ENTERING PULL AND JUNCTION BOXES, OUTLET BOXES AND CABINETS.
   - P. TAG ALL EMPTY CONDUITS AT EACH ACCESSIBLE END WITH A PERMANENT TAG IDENTIFYING THE PURPOSE OF THE CONDUIT AND THE LOCATION OF THE OTHER END.
   - Q. IN SUSPENDED CEILING DO NOT SECURE CONDUIT TO THE CEILING SUPPORT WIRES.
   - R. ALL PULL WIRES ARE TO BE LABELED FOR PURPOSE DESIGNATED.
   - S. ALL CONDUIT PENETRATIONS THROUGH BUILDING WALLS, FLOORS, SURFACES, MUST BE FULLY COORDINATED WITH ARCHITECTISITE SUPERVISOR/ BUILDING'S ENGINEER IN ADVANCE. PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS MUST BE PROVIDED WITH FIRE RATED MATERIALS TO COMPLY WITH BUILDING STRUCTURAL RATING.
   - T. ALL WIRING MUST BE INSTALLED IN CONDUIT. WIRING IN CEILING PLENUM MUST CONFORM TO THE APPLICABLE CODES.
   - U. ALL ROOF AND EXTERIOR WALL PENETRATIONS MUST BE FULLY COORDINATED WITH ARCHITECT AND MUST BE WEATHERPROOFED.
   - V. MAINTAIN A MINIMUM OF 6" CLEARANCE BETWEEN ALL CONDUIT SLEEVES. VERIFY WITH GENERAL CONTRACTOR.
   - W. PVC CONDUIT SHALL NOT BE ALLOWED FOR ABOVE GROUND WIRING (UON).
   - X. ANCHORS NOT CAST INTO CONCRETE SHALL BE EXPANSION SHIELD TYPE, PHILLIPS "RED HEAD", HILTI, OR EQUAL.
   - Y. EXPANSION COUPLINGS SHALL BE OZ TYPE "AX" OR "DX" OR EQUAL WITH BONDING JUMPER.

2. CONDUCTORS :
   - A. SINGLE CONDUCTOR COPPER WIRE WITH 600 VOLTS INSULATION SHALL BE USED FOR GENERAL WIRING IN CONDUIT UNLESS OTHERWISE SHOWN.
   - B. CONDUCTORS 10-AWG AND LARGER SHALL BE STRANDED TYPE. CONDUCTORS 12-AWG AND SMALLER SHALL BE SOLID WITH COLOR CODED INSULATION.
   - C. PROVIDE CONDUCTORS TYPE THWN-2 FOR DRY AND WET LOCATIONS AND THHN FOR DRY LOCATIONS ONLY.
   - D. NO WIRE AMPACITY REDUCTION SHALL BE ALLOWED ON THE FEEDERS AND BRANCH CIRCUIT WIRING INCLUDING NEUTRALS UNLESS APPROVED BY THE ENGINEER.
   - E. WIRES AND CONDUITS SIZES INDICATED THROUGHOUT THE DRAWINGS ARE BASED ON COPPER CONDUCTORS. NO ALUMINUM WIRES ALLOWED.
   - F. ALL WIRES SHALL BE COPPER AND IN CONDUIT (UON).
   - G. "MC" CABLES SHALL BE MANUFACTURED TO UL STANDARDS. CABLES SHALL BE CONSTRUCTED OF INTERLOCKED METAL ARMOR AND COPPER CONDUCTORS.
   - H. INSTALLATION OF THE "MC" CABLES SHALL BE IN FULL COMPLIANCE WITH "NEC" REQUIREMENTS.
   - I. BENDING RADIUS SHALL BE 7 TIMES (MIN.) THE EXTERNAL DIAMETER OF THE CABLE. SUPPORT CABLES WITHIN 12" OF BOXES AND EVERY 6' INTERVAL.
   - J. "MC" CABLES SHALL BE TERMINATED ON THE OUTLET BOXES VIA UL LISTED CONNECTOR.

3. BOXES :
   - A. OUTLET AND JUNCTION BOXES SHALL BE GALVANIZED PRESSED STEEL WITH PLUGGED HOLES. ALL BOXES SHALL BE OF NEC CODE SIZE FOR THE NUMBER OF WIRES OR CONDUITS PASSING THROUGH OR TERMINATING THEREIN, BUT IN NO CASE SHALL ANY BOX BE LESS THAN THE FOLLOWING: OUTLETS WITH 9 OR LESS #12 CONDUCTORS SHALL BE 4" SQUARE BY 2-1/2 " DEEP AND OUTLETS WITH 10-18 #12 CONDUCTORS SHALL BE 4-11/16 " SQUARE AND 2-1/8" DEEP. NO PLASTIC BOXES SHALL BE ALLOWED.
   - B. ALL JUNCTION BOXES SHALL CLEARLY INDICATE WITH PERMANENT BLACK MARKER, IN 1/2" LETTERING THE PANEL AND CIRCUIT DESIGNATION AND FUNCTION OF ALL CONDUCTORS CONTAINED WITHIN THAT JUNCTION BOX.
   - C. DO NOT EXCEED THE EQUIVALENT OF THREE 90 DEG. BENDS BETWEEN GENERAL WIRING PULL AND JUNCTION BOXES.
   - D. DO NOT USE SECTIONALIZED BOXES EXCEPT WHERE INDICATED.
   - E. THE DRAWINGS DO NOT NECESSARILY SHOW EVERY PULL BOXES REQUIRED. PROVIDE BOXES AS REQUIRED.
   - F. EXPOSE BOXES IN MECHANICAL AREAS OR EXPOSED TO WEATHER SHALL BE CAST METAL WEATHERPROOF BOXES WITH GROUNDING TERMINAL. THREADED HUBS ANG GASKETS.
   - G. TELEPHONE AND DATA OUTLETS SHALL BE A MINIMUM 4-11/16 INCHES SQUARE BY 2-1/8" INCHES. DEEP.
   - H. CONDULETS SHALL BE CAST METAL WITH THREADED HUBS TYPE MANUFACTURED BY CROUSE-HINDS. APPLETON OR EQUAL.
   - I. EXTERIOR BOXES SHALL BE "FS" OR "FD" TYPE BOXES WITH THREADED HUBS AS REQUIRED AND FULLY GASKETED UNLESS OTHERWISE NOTED.

4. WIRING DEVICES :
   - A. DUPLEX RECEPTACLES SHALL BE 20A, 120V UNLESS OTHERWISE INDICATED. COLOR SHALL BE AS SELECTED BY THE OWNER/ARCHITECT.
   - B. PROVIDE COVER PLATE FOR ALL WIRING DEVICES. COVER PLATE IN THE FINISHED AREAS SHALL BE PLASTIC (UON), COLOR AS PER ARCHITECT SELECTION.
   - C. WIRING DEVICES SHALL BE OF EXTRA HEAVY DUTY TYPE AND THE PRODUCTS OF HUBBELL, PASS & SEYMOUR OR LEVITON.
   - D. ALL RECEPTACLE AND SWITCH COVER PLATES SHALL CLEARLY INDICATE ON THE INSIDE OF THE PLATE THE CIRCUIT NUMBER AND THE SOURCE OF POWER FEEDING THAT SWITCH OR RECEPTACLE.

5. LIGHTING
   - A. LIGHTING FIXTURES SHALL BE COMPLETE WITH ALL GLASSWARE, FITTERS, CANOPIES, SOCKETS, MOUNTING BRACKETS, REFLECTORS, LAMPS, LED DRIVERS AND ALL ACCESSORIES AS REQUIRED.
   - B. FIXTURE SCHEDULE INDICATES GENERAL DESCRIPTION OF LIGHTING FIXTURES AND MANUFACTURER'S CATALOG NUMBERS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO STUDY THE SCHEDULE AND CAREFULLY REVIEW ELECTRICAL AND ARCHITECTURAL PLANS AND SPECIFICATIONS TO DETERMINE THE CORRECT CEILING CONFIGURATION AND FIXTURES TO BE FURNISHED SO THAT BOTH CEILING SYSTEM AND LIGHT FIXTURE
   - C. COORDINATE EXACT LOCATION OF THE LIGHTING FIXTURES WITH THE ARCHITECTURAL DRAWINGS.
   - D. ALL LIGHTING FIXTURES WHETHER OR NOT SHOWN ON THE DRAWINGS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
   - E. INSTALL LIGHTING FIXTURES IN COMPLIANCE WITH APPLICABLE REGULATIONS PERTAINING TO SEISMIC RESTRAINTS.
   - F. REMOVE ALL DIRT, OIL OR GREASE FROM LIGHT FIXTURES. CLEAN ALL GLASS, LENSES, ETC. AND POLISH FIXTURES AND TRIM.
   - G. SELF-CONTAINED EMERGENCY LIGHTING FIXTURES SHALL BE SWITCHABLE UNDER NORMAL OPERATING CONDITIONS. RUN AN EXTRA HOT WIRE FOR EMERGENCY OPERATION.
   - H. SUPPORT LIGHT FIXTURES SEPARATELY FROM THE CEILING SYSTEM WHERE CEILING MEMBRANES ARE NOT STRUCTURALLY CAPABLE OF SUPPORTING LIGHT FIXTURES, OR WHERE REQUIRED BY THE CODES.

6 DISTRIBUTION
   - A. PROVIDE BRANCH CIRCUIT PANEL BOARDS AS SPECIFIED ON PLANS. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE PROVIDE COPPER BUS PANEL BOARD
   - B. PROVIDE CIRCUIT BREAKERS AS SHOWN ON PLANS. CIRCUIT BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING EQUAL TO BUT NOT LESS THAN THE AVAILABLE FAULT CURRENT AT THE SUPPLY TERMINAL.
   - C. PROVIDE NEATLY TYPED CIRCUIT INDEX CARDS, CORRECTLY IDENTIFYING ALL CIRCUITS AND MOUNTED IN THE CARD HOLDERS. ALL PANEL DIRECTORY CARDS SHALL BE UPDATED PER AS-BUILT CONDITIONS.
   - D. PANELBOARDS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRICAL ARC FLASH HAZARDS, CEC 110.16. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENTS, SERVICING OR MAINTENANCE OF THE EQUIPMENT.
   - E. PROVIDE SAFETY DISCONNECT SWITCHES WITH RATING AS SHOWN ON THE DRAWINGS. SWITCHES SHALL BE HEAVY DUTY TYPE AND FUSIBLE WITH RK1 FUSE (UON). SWITCHES SHALL BE QUICK MAKE-QUICK-BREAK TYPE, 1-POLE, 30A (UON).
   - F. CONTROL DEVICES SHALL NOT BE MOUNTED MORE THAN 6'-6" ABOVE THE FLOOR.

7. MISCELLANEOUS :
   - A. PROVIDE GROUNDING SYSTEM PER NEC-250 AND AS INDICATED ON PLANS.
   - B. ALL METAL AND NON-CURRENT CARRYING PART OF THE ELECTRICAL EQUIPMENT SHALL BE BONDED TO GROUND PER NEC CODES ARTICLE 250.

SCOPE OF WORK

PARTIAL RENOVATION TO EXISTING SINGLE STORY POLICE STATION INCLUDING LIMITED DEMOLITION AND REARRANGEMENT OF INTERIOR PARTION WALLS.

FIRE ALARM

REFER TO DEFERRED FIRE ALARM SUBMITTAL FOR FIRE ALARM SYSTEM

DRAWING LIST

E-0.1 GENERAL NOTES,SPECIFICATIONS
E-1.0 ELECTRICAL DEMOLITION
E-2.0 SINGLE LINE DIAGRAM
E-3.0 (N) POWER PLAN
E-3.1 (N) LIGHTING PLAN
E-3.2 ROOF ELECTRICAL PLAN
E-4.0 NRCC-ELC-E, VOLTAGE DROP
E-4.1 NRCC-LTI-E
E-4.2 NRCC-LTI-E
E-4.3 NRCC-LTO-E
E-4.4 NRCC-LTO-E

SYMBOLS

FLOOR	WALL	CEILING	DESCRIPTION
		6A	LIGHT FIXTURE AS SPECIFIED, SUBSCRIPTS WHEN INDICATED DENOTE BRCH CKT/SW LEG
			LIGHT FIXTURE AS SPECIFIED
			STRIP LIGHT FIXTURE AS SPECIFIED
	S		LIGHT ON EMERGENCY POWER AS SPECIFIED
	S		SINGLE POLE TOGGLE SWITCH @+48"(UON) SUBSCRIPTS INDICATE THE FOLLOWING: a-OUTLET 'a' CONTROLLED 3-THREE WAY D-DIMMER, RATING AS NOTED M-MANUAL MOTOR STARTER P-PILOT ON LIGHT
			20A, 120V DUPLEX RECEPTACLES
			SPECIAL RECEPTACLE, TYPE AS NOTED ON PLANS
			JUNCTION BOX, SIZE AS NOTED AND PER CODE
			ELECTRICAL EQUIPMENT AS NOTED ON PLAN
			DISCONNECT SWITCH:30A/1-POLE, FUSE AS NOTED
			COMBINATION OF MOTOR STARTER AND CIRCUIT BREAKER, NEMA SIZE '0' (UON)
			DOUBLE DUPLEX RECEPTACLES
			TELEPHONE/DATA OUTLET, WALL @+15"(UON)
		SD	SMOKE DETECTOR
	LA-1,3		HOMERUN TO PANEL "LA" CIRCUITS 1 & 3 (2 SEP. NEUTRALS) GROUND WIRE NOT SHOWN BUT MUST BE PROVIDED
			CONDUIT CONCEALED IN CEILING OR WALL, 1/2" CONDUIT, 2#12 WIRES + 1 #12 GND (UON)
			1/2"CONDUIT, 3#12 WIRES + 1 #12 GND.
	#10		3/4"CONDUIT, 2#10 WIRES + 1 #10 GND.
	#10		3/4"CONDUIT, 3#10 WIRES + 1 #10 GND.
			CONDUIT CONCEALED IN FLOOR SLAB OR UNDERGROUND
			CONDUIT EXPOSED
			CONDUIT STUB WITH CAP, SIZE AS NOTED
			GROUND, PER CODE AND AS SPECIFIED
	150A/3		CIRCUIT BREAKER, 150A, 3-POLE
	M		UTILITY METERING
		A	SURFACE MOUNTED PANELBOARD: PANEL "A"
			FLUSH MOUNTED PANELBOARD

NOTE: THIS IS A GENERAL LIST OF SYMBOLS, SOME ITEMS MAY NOT APPLY TO THIS PROJECT

ABBREVIATIONS

A	AMPERE	MIN	MINIMUM
AFF	ABOVE FINISHED FLOOR	NA	NOT APPLICABLE
CB	CIRCUIT BREAKER	NTS	NOT TO SCALE
CKT	CIRCUIT	NIC	NOT IN CONTRACT
CL	CURRENT LIMITING	NL	NIGHT LIGHT
CO	CONDUIT ONLY	P	POLE
DD	DUCT DETECTOR	P/L	PROPERTY LINE
DE	DUAL ELEMENT	REQD	REQUIRED
E	EXISTING	REQMNT	REQUIREMENT
EA	EACH	RGC	RIGID GALVANIZED CONDUIT
EC	ELECTRICAL CONTRACTOR	SCA	SHORT CIRCUIT AMPERE
EGC	EQUIPMENT GROUNDING CONDUCTOR	SIM	SIMILAR
EQ	EQUAL	SLD	SINGLE LINE DIAGRAM
EQPT	EQUIPTMENT	SW	SWITCH
EWH	ELECTRIC WATER HEATER	SWBRD	SWITCHBOARD
F	FUSE	T/F	TRANSFORMER
FA	FIRE ALARM	TBB	TELEPHONE BACKBOARD
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TYP	TYPICAL
G, GND	GROUND	U/G	UNDERGROUND
HP	HORSEPOWER	UL	UNDERWRITER'S LABORTORIES
IC	INTERRUPTING CAPACITY (RMS SYM.)	UON	UNLESS OTHERWISE NOTED
IG	ISOLATED GROUND	V	VOLT
LCP	LIGHTING CONTROL PANEL	VA	VOLT AMPERE
LL	LANDLORD	VL	VERIFY LOCATION
LT	LIGHT	W	WATT
MFR	MANUFACTURER	WP	WEATHERPROOF
MAX	MAXIMUM		

GENERAL NOTES, SPECIFICATIONS

REGISTERED PROFESSIONAL ENGINEER DANA S TOM E 14963 Exp. 6/2027 ELECTRICAL STATE OF CALIFORNIA

RWC

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PROJECT:

SANTA PAULA
POLICE STATION
RENOVATION

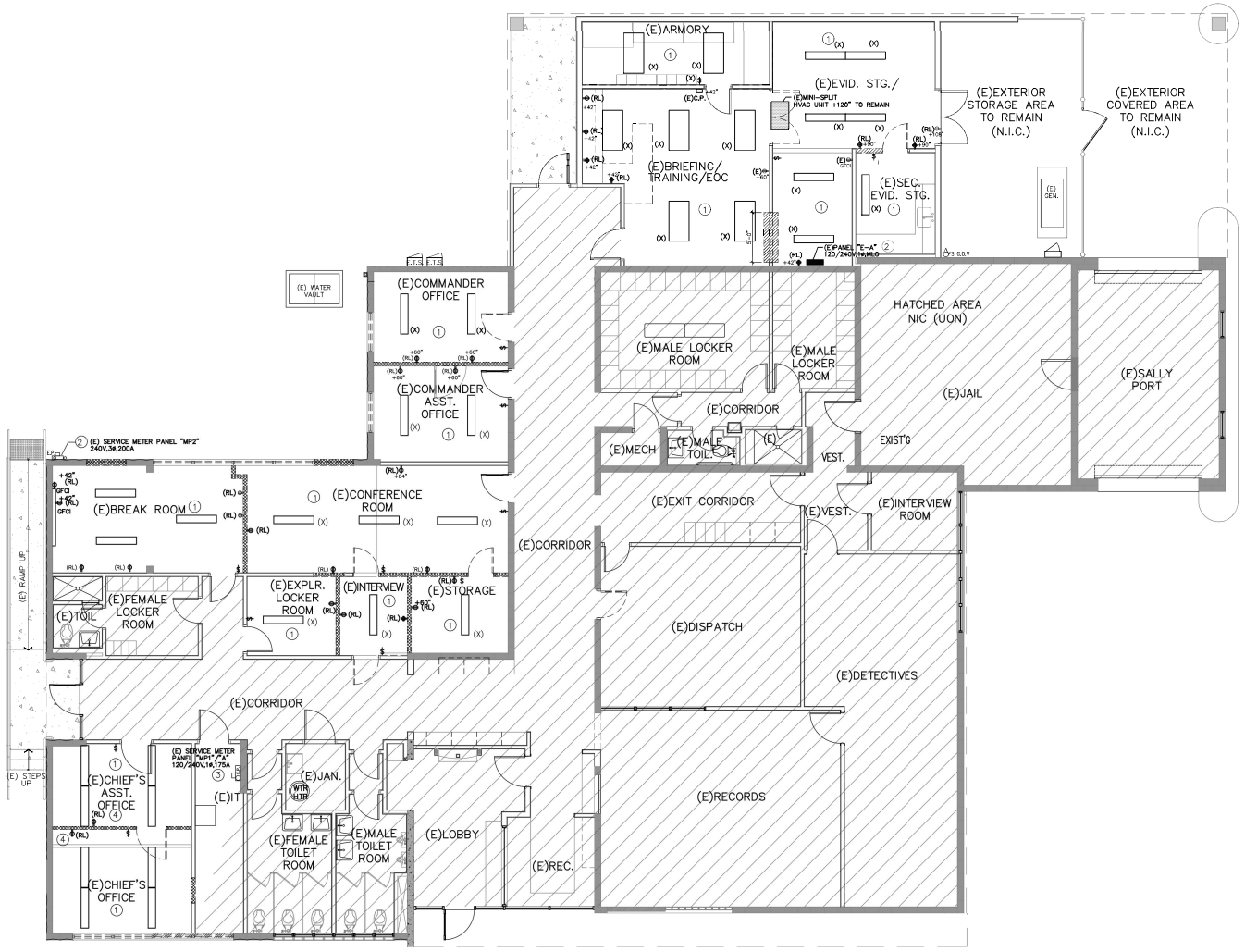
CLIENT:

CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE
Drawn by: DT
Date: 6/18/2026
Job #: 10504.014
Sheet: E-0.1

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ELECTRICAL DEMOLITION PLAN

NORTH

SCALE: 3/16" = 1'-0"

LEGEND

(X) ELECTRICAL ITEM TO BE REMOVED
(RL) ELECTRICAL ITEM TO BE RELOCATED
(E) EXISTING TO REMAIN

4' WRAPAROUND–(2) 32W LAMPS

2'X4' TROFFER–(2) 32W LAMPS

GENERAL NOTES

1 - INFORMATION REGARDING EXISTING CONDITIONS HAS BEEN OBTAINED FROM THE BEST SOURCES AVAILABLE. CONTRACTOR MUST FIELD VERIFY BRANCH CIRCUITS PRIOR DOING ANY WORK. RED MARK AS-BUILT DRAWINGS WITH PANEL AND BRANCH CIRCUIT NUMBER.

2 - NOT ALL EXISTING EQUIPMENT IS SHOWN. CONTRACTOR MUST VERIFY EXISTING CONDITION AGAINST NEW ELECTRICAL CONDITION TO DETERMINE SCOPE OF WORK..

3 - ELECTRICAL EQUIPMENT NOT IN CONFLICT WITH NEW WORK SHALL REMAIN. CONTRACTOR SHALL PROTECT IN PLACE EXISTING ELECTRICAL DEVICES, CONDUIT AND WIRING THAT IS TO REMAIN.

4 - CONTRACTOR TO REROUTE EXISTING WIRING FOR EQUIPMENT THAT REMAINS AND IS IN CONFLICT WITH NEW WORK IN ORDER TO MAINTAIN CIRCUIT CONTINUITY TO REMAINING ELECTRICAL ITEMS.

5 - PRIOR TO SUBMITTING THE BID, CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE CONDITIONS AFFECTING THE WORK. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS AND ANY MODIFICATIONS WHICH ARE REQUIRED TO MEET THE INTENT OF THE DRAWINGS AND SPECIFICATIONS. FAILURE TO VISIT THE SITE DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY IN PERFORMANCE OF WORK.

KEY NOTES:

1. EXISTING LIGHT FIXTURES AND CORRESPONDING LIGHT SWITCH TO BE REMOVED. BRANCH CIRCUIT TO BE REUSED FOR NEW LIGHTING. FIELD VERIFY BRANCH CIRCUIT. MAINTAIN CIRCUIT CONTINUITY TO ALL DOWNSTREAM LIGHT FIXTURES.
2. EXISTING ELECTRICAL PANEL TO REMAIN, PROTECT IN PLACE, SEE SINGLE LINE DIAGRAM ON E2.0 FOR WORK.
3. EXISTING METER PANEL "MP1",/PANEL "A" TO REMAIN. SEE SINGLE LINE DIAGRAM FOR WORK.
4. EXISTING RECEPTACLE TO BE RELOCATED. RE-USE EXISTING BRANCH CIRCUIT BREAKER. REFER TO SHEET E3.0 NEW POWER PLAN FOR NEW RECEPTACLE LOCATION.

REGISTERED PROFESSIONAL ENGINEER
CHAD S. TOMA
E 14963
Exp. 6/30/27
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STATE OF CALIFORNIA

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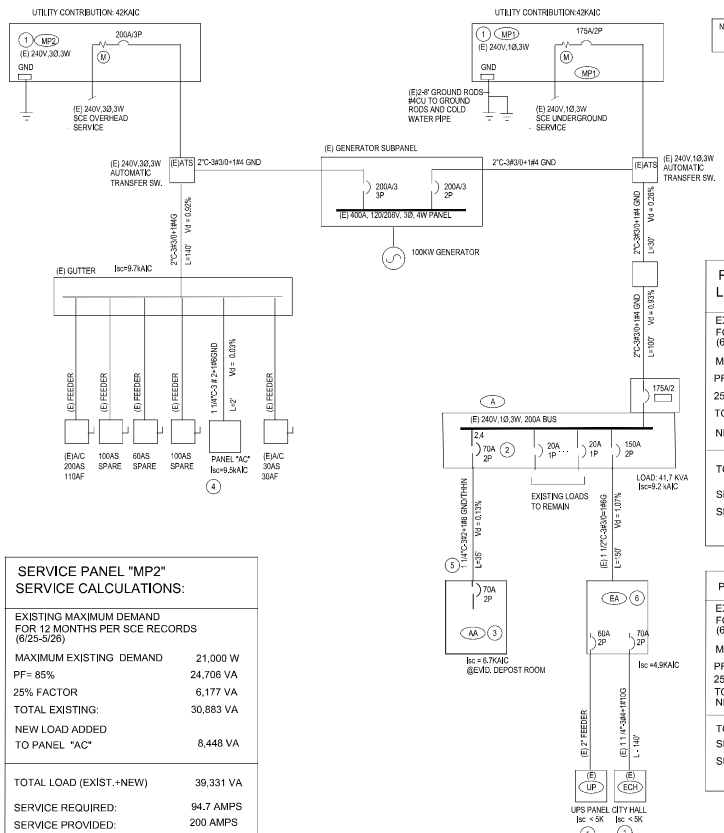
PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
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ELECTRICAL DEMOLITION PLAN



NOTE: EQUIPMENT IS EXISTING UNLESS OTHERWISE NOTED

PANEL "MP1"/PANEL "A" LOAD CALCULATIONS:

EXISTING MAXIMUM DEMAND FOR 12 MONTHS PER SCE RECORDS (6/25-5/26)	
MAXIMUM EXISTING DEMAND	21,000 W
PF= 85%	24,706 VA
25% FACTOR	6,177 VA
TOTAL EXISTING:	30,883 VA
NEW LOAD ADDED	7140 VA
TOTAL LOAD (EXIST.+NEW)	38,023 VA
SERVICE REQUIRED:	158 AMPS
SERVICE PROVIDED:	175 AMPS @120/240V,1Ø

PANEL "EA" LOAD CALCULATIONS

EXISTING MAXIMUM DEMAND FOR 12 MONTHS PER SCE RECORDS (6/25-5/26)	
MAXIMUM EXISTING DEMAND	21,000 W
PF= 85%	24,706 VA
25% FACTOR	6,177 VA
TOTAL EXISTING:	30,883 VA
NEW LOAD ADDED	900 VA
TOTAL LOAD (EXIST.+NEW)	31,783 VA
SERVICE REQUIRED:	132 AMPS
SERVICE PROVIDED:	150 AMPS @120/240V,1Ø

SERVICE PANEL "MP2" SERVICE CALCULATIONS:

EXISTING MAXIMUM DEMAND FOR 12 MONTHS PER SCE RECORDS (6/25-5/26)	
MAXIMUM EXISTING DEMAND	21,000 W
PF= 85%	24,706 VA
25% FACTOR	6,177 VA
TOTAL EXISTING:	30,883 VA
NEW LOAD ADDED TO PANEL "AC"	8,448 VA
TOTAL LOAD (EXIST.+NEW)	39,331 VA
SERVICE REQUIRED:	94.7 AMPS
SERVICE PROVIDED:	200 AMPS @240V,3Ø

PANEL: AA NEW — VOLTAGE: 120/240V — 1 PHASE — MAIN: 70A/2 CB
LOCATION: IT ROOM — BUS SIZE: 100A — 3 WIRE — MOUNTING: SURFACE

	LOCATION	VA ØA	VA ØB	LCL	OUTLETS MISC	OUTLETS REC	OUTLETS LT	CB	CKT NO.		CKT NO.	CB	OUTLETS MISC	OUTLETS REC	OUTLETS LT	LCL	VA ØA	VA ØB	LOCATION
1	NEW EVID LTC	192		X			16	20	1		2	20		5			900		EVID MEZZ
	DRYING RACK		1200			1		20	3		4	20		1				180	EVID WORK STORAGE
	SPARE	–						20	5		6	20		2			360		EVID WORK STORAGE
	EVID RECEPT		900			5		20	7		8	20						–	SPARE
	EVID ROLL UP	1200				1		20	9		10	20					–		SPARE
	EVID RECEPT		900			5		20	11		12	20							SPARE
	EVID N RECEPT	360				2		20	13		14	20							SPARE
	SPACE								15		16								SPACE
									17		18								
									19		20								
									21		22								
									23		24								
	TOTAL	1752	3000														1260	180	

CONNECTED LOAD (W)= ØA: 3012 ØB: 3180 — TOTAL CONNCTD. LOAD: 6192
NOTES: PROVIDE CIRCUIT BREAKERS RATED FOR AVAILABLE FAULT CURRENT — LCL: 192
[1] CIRCUIT BREAKER WITH LOCK-OUT — LCL @25%: 48
TOTAL LOAD (VA): 6240
AMPS: 26 A

PANEL: AC EXISTING — VOLTAGE: 240V — 3 PHASE — MAIN: MLO
LOCATION: ROOF MECH CLOSET — BUS SIZE: 100 A — 3 WIRE — MOUNTING: SURFACE

	LOCATION	VA ØA	VA ØB	VA ØC	LCL	OUTLETS MISC	OUTLETS REC	OUTLETS LT	CB	CKT NO.		CKT NO.	CB	OUTLETS MISC	OUTLETS REC	OUTLETS LT	LCL	VA ØA	VA ØB	VA ØC	LOCATION	
2	(E) SALLY PORT	2103					1		30	1		2	30		1			2103			(E)DISPATCH DOOR	
	(E) SALLY PORT		2103							3		4							2103		(E)DISPATCH DOOR	
	(E) SALLY PORT			2103						5		6	3							2103	(E)DISPATCH DOOR	
1	(N) OU1/IU1	2112					1		25	7		8	30		1			2103			(E)SALLY PORT	2
	(N) OU1/IU1		2112							9		10							2103		(E)SALLY PORT	
1	(N) OU2/IU2			2112			1		25	11		12	3							2103	(E)SALLY PORT	
	(N) OU2/US	2112							2	13		14	30		1			2500			(E)WH	
	(E) AC		1290						30	15		16	2						2500		(E)WH	
	(E) AC			1290					2	17		18								–		
	TOTAL	6327	5505	5505														6706	6706	4206		

CONNECTED LOAD (W)= ØA: 13033 ØB: 12211 ØC: 9711 — TOTAL CONNCTD. LOAD: 34955
NOTES: PROVIDE CIRCUIT BREAKERS RATED AVAILABLE FAULT CURRENT. — LCL: 6309
[1] PROVIDE HACR RATED CIRCUIT BREAKER WITH LOCK-OUT TO MATCH EXISTING. — LCL @25%: 1577
[2] ONLY ONE SALLY PORT CIRCUIT OPERATES AT A TIME — TOTAL LOAD (VA): 36532
AMPS: 88 A

GENERAL NOTES

1. ALL FEEDER CIRCUIT BREAKERS SHALL BE LABELED WITH PLASTIC ENGRAVED NAMEPLATE AND BE PAD LOCKABLE IN THE OFF POSITION.
2. GROUND TERMINAL OF PANELBOARDS MUST BE POSITIVELY BONDED TO INCOMMING EQUIPMENT GROUNDING CONDUCTOR OF THE FEEDER WIRING.
3. ALL CIRCUIT BREAKERS IN PANELBOARDS SHALL BE BOLT-ON TYPE (UON).
4. ALL WIRE TERMINATING CONNECTIONS AS WELL AS CONNECTIONS TO INSTALL OR ASSEMBLE POWER DISTRIBUTION MUST BE PERFORMED IN FULL COMPLIANCE WITH THE TORQUE VALUES PUBLISHED BY THE EQUIPMENT MANUFACTURER(S).
5. A TORQUE TEST AND NEUTRAL FAULT TEST SHALL BE PERFORMED PRIOR TO ENERGIZING EQUIPMENT.
6. SEE PANEL SCHEDULES ON THIS SHEET FOR BRANCH CIRCUIT BREAKER REQUIREMENTS.
7. PROVIDE NAMEPLATE ON ALL ELECTRICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO PANEL BOARDS, DISCONNECTS, FEEDERS, ETC.
8. CIRCUIT BREAKERS IN PANEL BOARDS SHALL BE RATED FOR THE AVAILABLE FAULT CURRENT.
9. WIRE SIZE BASE ON COPPER CONDUCTORS.

NOTES

1. EXISTING PANEL TO REMAIN
2. EXISTING 175A, 1Ø, 3 W PANEL. REPLACE (2) 20A, 1P CIRCUIT BREAKER IN SPACES #2 AND #4 WITH NEW 70A, 240V, 2P CIRCUIT BREAKER TO MATCH EXISTING.
3. PROVIDE NEW 120/240V, 1 PH, 3 WIRE PANEL,100A BUS, 70A MAIN, 30 BRANCH CIRCUIT, NEMA 1 SURFACE MOUNTING ENCLOSURE. SEE PANEL SCHEDULE FOR BRANCH CIRCUIT REQUIREMENTS. PROVIDE TYPEWRITTEN PANEL DIRECTORY INSIDE DOOR. PROVIDE PLASTIC ENGRAVED LABEL TO READ: PANEL AA 120/240V, 1 PH, 3 WIRE FED FROM PANEL "A"
4. EXISTING 100A, 1Ø, 3 W PANEL TO REMAIN,VL. REMOVE 30A, 3P CIRCUIT BREAKER IN SPACE #9,11,13 AND RELOCATE 30A, 2P CIRCUIT BREAKER FROM SPACE #15, 17 TO #17,19. PROVIDE NEW 25A, 2P HACR CIRCUIT BREAKERS IN SPACE #9,11 AND #13, 15 TO MATCH EXISTING. PROVIDE UPDATED TYPED PANEL SCHEDULE AND MOUNT IN PROTECTED SLEEVE ON INSIDE OF DOOR.
5. PROVIDE NEW FEEDER CONDUIT AND WIRES.
6. EXISTING 200A, 1Ø, 3 W PANEL. PROVIDE NEW 20A, 1P CIRCUIT BREAKER IN SPACE #35 FOR BREAKROOM KITCHEN RECEPTACLES TO MATCH EXISTING. PROVIDE NEW TYPEWRITTEN PANEL LOAD DIRECTORY WITH UPDATED LOAD AND ATTACH TO INSIDE PANEL'S DOOR

SINGLE LINE DIAGRAM

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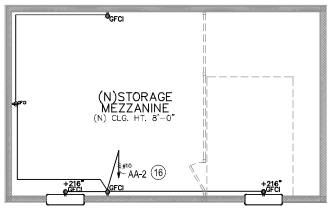
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PROJECT:
SANTA PAULA POLICE STATION RENOVATION

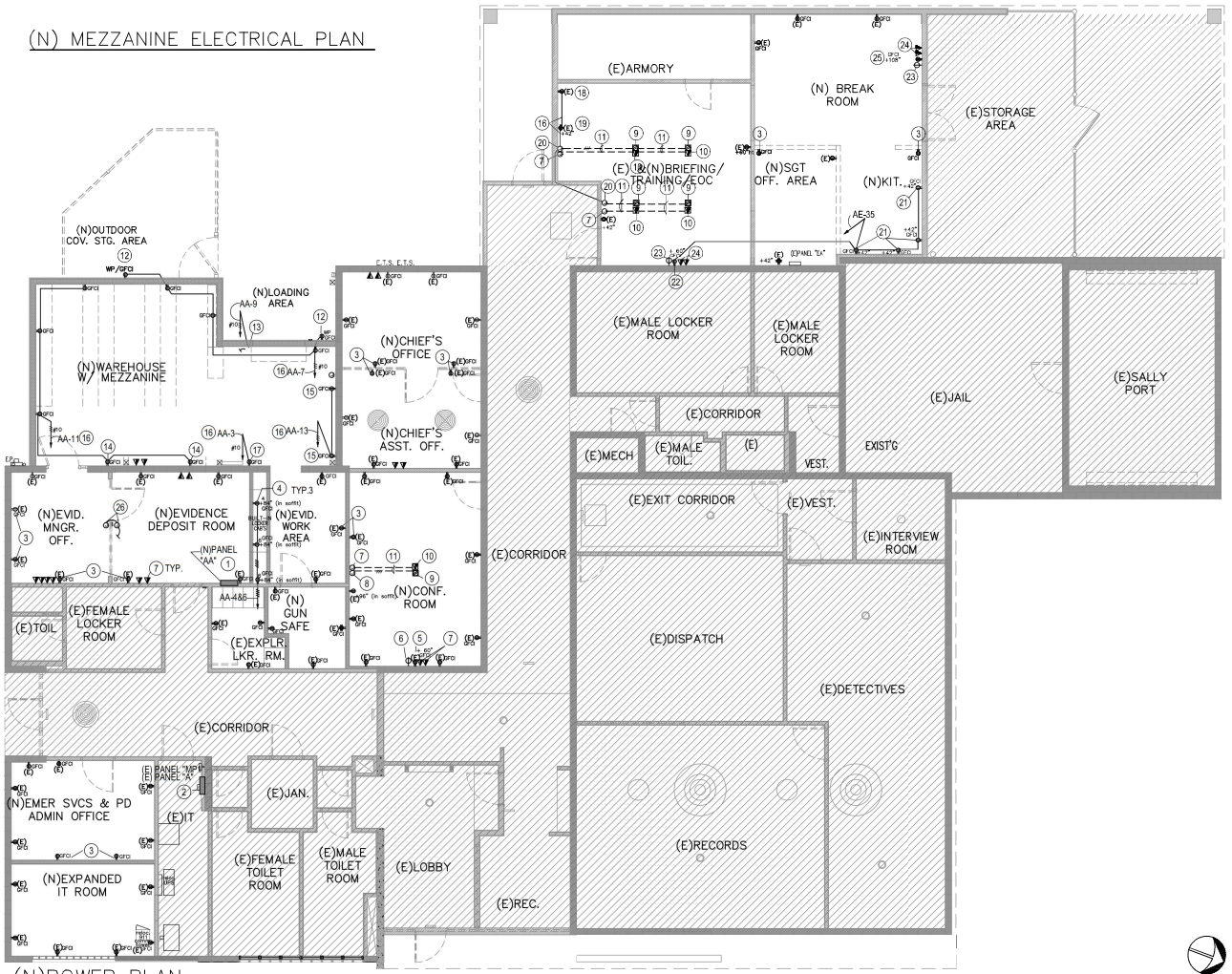
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Sheet: E-2.0



(N) MEZZANINE ELECTRICAL PLAN



(N)POWER PLAN

NORTH
SCALE: 1/8" = 1'-0"

LEGEND

(E) EXISTING ITEM TO REMAIN. FIELD VERIFY
(R) RELOCATED ITEM . FIELD VERIFY NEW LOCATION.

GENERAL NOTES

1 - INFORMATION REGARDING EXISTING CONDITIONS HAVE BEEN OBTAINED FROM THE BEST SOURCES AVAILABLE. CONTRACTOR MUST FIELD VERIFY BRANCH CIRCUITS PRIOR DOING ANY WORK. RED MARK AS-BUILT DRAWINGS WITH PANEL AND BRANCH CIRCUIT NUMBER.

2 - CONTRACTOR TO REROUTE EXISTING WIRING THAT IS IN CONFLICT WITH NEW WORK IN ORDER TO MAINTAIN CONTINUITY TO DOWNSTREAM ELECTRICAL ITEMS.

3 - ANY ITEM NOT SHOWN SPECIFICALLY TO BE REMOVED SHALL REMAIN IN PLACE AS IS UNLESS IN CONFLICT WITH NEW WORK. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REP OR SITE SUPERVISOR FOR CLARIFICATION AND INSTRUCTIONS PRIOR ANY WORK BEING DONE.

4 - WIRING MAY BE SHOWN OFFSET FOR DRAWING CLARITY.

5 - PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTOR WITH ALL BRANCH CIRCUIT WIRING WHETHER OR NOT SHOWN ON THE DRAWING.

6 - PROVIDE FIRESTOP AT WALL PENETRATIONS TO MAINTAIN BUILDING FIRE RATING INTEGRITY.

7 - MAXIMUM COMBINED VOLTAGE DROP ON BOTH THE INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5%

8 - PROTECT IN PLACE EXISTING BRANCH CIRCUIT WIRING NOT SHOWN ON THE PLANS.

9 - ROUTE CONDUIT CONCEALED, UON.

10 - PROVIDE PULLSTRING IN ALL EMPTY CONDUITS.

KEY NOTES

1. PROVIDE NEW 120/240V, 1 PHASE, 70A MAIN CIRCUIT BREAKER PANEL "AA" TO BE FED FROM. PANEL "A". SEE PANEL SCHEDULE ON E2.0 FOR BRANCH CIRCUIT REQUIREMENTS. **MAINTAIN 3' WORKING SPACE CLEARANCE IN FRONT OF PANEL. VERIFY LOCATION PRIOR** ROUGH INS.
2. EXISTING 120/240V, 1 PHASE PANEL TO REMAIN. EXISTING LOAD ON BRANCH CIRCUITS #2 AND #4 TO BE RECONNECTED TO NEW PANEL. REPLACE EXISTING 20A, 120V, 1P CIRCUIT BREAKERS IN SPACE #2 AND #4 WITH NEW 70A, 2P CIRCUIT BREAKER TO FEED NEW SUBPANEL "AA". CIRCUIT BREAKER TO MATCH EXISTING.
3. RELOCATED FLUSH MOUNTED RECEPTACLE. VERIFY LOCATION PRIOR ROUGH-INS. RECONNECT TO EXISTING BRANCH CIRCUIT. FIELD VERIFY PANEL AND BRANCH CIRCUIT AND MARK ON AS-BUILT.
4. PROVIDE NEW 20A, 120V, GFCI DUPLEX RECEPTACLE AT +84" FOR REFRIGERATED EVIDENCE LOCKERS. EXACT LOCATION TO BE COORDINATED WITH MANUFACTURER'S ACCESS PANEL FROM EVIDENCE WORK AREA.
5. RELOCATED FLUSH MOUNTED 20A, 120V, GFCI DUPLEX RECEPTACLE AT +60" FOR TV MONITOR,VL.
6. PROVIDE FLUSH 4 11/16" DEEP BOX FOR CABLE TV CONNECTION, VL. EXTEND 1"C.O. WITH PULLSTRING TO IT ROOM. VERIFY TERMINATION LOCATION PRIOR TO ROUGH-INS.
7. PROVIDE FLUSH MOUNTED 4 11/16" DEEP BOX FOR DATA/COMMUNICATION. VERIFY EXACT MOUNTING HEIGHT AND LOCATION PRIOR ROUGH IN. EXTEND 1"C.O. WITH PULLSTRING TO IT ROOM. PROVIDE TEL/DATA JACKS PER OWNER.
8. EXISTING FLUSH MOUNTED WALL OUTLET BOX. EXTEND EXISTING BRANCH CIRCUIT TO NEW FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE. SAW CUT FLOOR AS NECESSARY.
9. NEW FLUSH FLOOR MOUNTED OUTLET BOX WITH 20A, 120V, DUPLEX RECEPTACLE AND BRASS COVER SUITABLE FOR FLOOR FINSH/COVERING, VL.
10. SIMILAR TO NOTE #9 EXCEPT FOR DATA OUTLETS. PROVIDE DATA JACKS PER OWNER.
11. SAWCUT FLOOR AND ROUTE 1"C.O. WITH PULLSTRING FOR DATA OUTLET AND 3/4"C-2#12+1#12G FOR DUPLEX RECEPTACLE IN COMMON TRENCH. PATCH AND REPAIR FLOOR TO MATCH EXISTING.
12. NEW WEATHERPROOF 20A, 120V, GFCI DUPLEX RECEPTACLE WITH HEAVY DUTY IN-USE WEATHERPROOF COVER, VL.
13. PROVIDE JUNCTION BOX FOR CONNECTION TO ROLL UP DOOR MOTOR, VL. PROVIDE ALL CONDUIT, WIRING AND CONNECTIONS FOR A COMPLETE AND OPERATIONAL SYSTEM.
14. SURFACE MOUNT 20A, 120V DUPLEX RECEPTACLE UNDER CANTILEVERED CABINETS, VL. ROUTE CONDUIT EXPOSED ON EXISTING CMU WALL.
15. SURFACE MOUNT 20A, 120V DUPLEX RECEPTACLE ON EXISTING CMU WALL AT +16", VL. ROUTE CONDUIT EXPOSED ON EXISTING CMU WALL.
16. ROUTE CONDUIT CONCEALED.
17. SURFACE MOUNT 20A, 120V DUPLEX RECEPTACLE FOR DRYING RACK, VL. ROUTE CONDUIT EXPOSED ON EXISTING CMU WALL.
18. RECONFIGURE EXISTING SURFACE MOUNTED DEVICE BOX TO RECESSED MOUNTED BOX IN WALL. PROVIDE NEW FLUSH MOUNTED 20A, 120V GFCI DUPLEX RECEPTACLE.
19. SIMILAR TO NOTE #18 EXCEPT NEW FLUSH MOUNTED 20A, 120V GFCI DOUBLE DUPLEX RECEPTACLES.
20. PROVIDE NEW FLUSH MOUNTED WALL OUTLET BOX AND EXTEND EXISTING BRANCH CIRCUIT TO NEW FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE. SAW CUT FLOOR AS NECESSARY.
21. NEW 20A, 120V GFCI DUPLEX RECEPTACLE, VL. MOUNT ABOVE COUNTER FLUSH WITH TILE BACKSPLASH. ROUTE CONDUIT CONCEALED.
22. NEW 20A, 120V GFCI DUPLEX RECEPTACLE FOR TV MONITOR, VL. SURFACE MOUNT AND ROUTE CONDUIT EXPOSED TO ABOVE SUSPENDED "T-BAR" CEILING.
23. SIMILAR TO NOTE #6 EXCEPT SURFACE MOUNT DEVICE BOX AND ROUTE CONDUIT EXPOSED TO ABOVE SUSPENDED "T-BAR" CEILING. PROVIDE STUB UP WITH CONDUIT BUSHING AND PULLSTRING.
24. SIMILAR TO NOTE #7 EXCEPT SURFACE MOUNT DEVICE BOX AND ROUTE CONDUIT EXPOSED ABOVE SUSPENDED "T-BAR" CEILING. PROVIDE STUB UP WITH CONDUIT BUSHING AND PULLSTRING.
25. RELOCATED 20A, 120V GFCI DUPLEX RECEPTACLE FOR TV MONITOR, VL. SURFACE MOUNT AND ROUTE CONDUIT EXPOSED TO ABOVE SUSPENDED "T-BAR" CEILING.
26. PROVIDE JUNCTION BOXES FOR CARD READER AND DOOR STRIKE, VL. EXTEND 3/4" CONDUIT WITH PULLSTRING TO IT ROOM. VERIFY EXACT REQUIREMENTS PRIOR ROUGH INS.
27. PROVIDE JUNCTION BOX FOR CONNECTION TO CAMERAS, TEMPERATURE MONITORS, VL. PROVIDE JUNCTION BOX FOR CONNECTION TO CAMERAS, TEMPERATURE MONITORS, VL.

(N) POWER PLAN

E 14963 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER DANA S. TONAI

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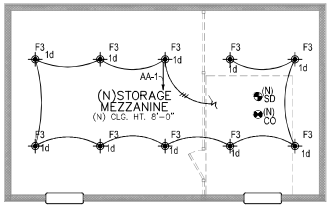
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(N) MEZZANINE ELECTRICAL PLAN

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

ELECTRICAL LEGEND

- 110 V SWITCH
- 110 V DIMMER SWITCH
- 110 V DIMMER SWITCH W/ OCCUPANCY SENSOR
- 110 V SINGLE SWITCH W/ OCCUPANCY SENSOR
- 110 V MOTION SENSOR EXTERIOR WALL MOUNTED SECURITY FIXTURE
- 110 V CEILING MOUNT LIGHT/J-BOX
- 110 V RECESSED LED CEILING FIXT. 6" CAN W/TRIM
- 110 V RECESSED LED CEILING FIXT. 4" CAN W/TRIM (MIN. 40 LUMENS P/WATT. 4 BULB PIN TYPE)
- LOW VOLTAGE LED STRIP LIGHT (ACCENT)
- EXIT EMERGENCY EXIT LIGHT
- SD 110 V SMOKE DETECTOR CEILING MOUNT (W/BATT. BACK-UP AS REQ'D)
- CO 110 V CARBON MONOXIDE DETECTOR (W/BATT. BACK-UP AS REQ'D)
- (E) INDICATES EXISTING ITEM TO REMAIN

CIRCUIT LOAD SCHEDULE CHANGES

AREA	FXTURES REMOVED	LOAD REMOVED	FXTURES ADDED	LOAD ADDED
ARMORY/BRIEFING	7	420 W	7	329 W
BREAK/KIT/SGT	7	420 W	6	282 W
CHIEF/ASST	4	240 W	8	96 W
CONF/EVID	9	540 W	23	492 W
NEW EXTERIOR LTS			6	98 W
LOAD CHANGE TOTALS		1380 W		1297 W

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2 - CONTRACTOR TO REROUTE EXISTING WIRING THAT IS IN CONFLICT WITH NEW WORK IN ORDER TO MAINTAIN CONTINUITY TO DOWNSTREAM ELECTRICAL ITEMS.

3 - ANY ITEM NOT SHOWN SPECIFICALLY TO BE REMOVED SHALL REMAIN IN PLACE UNLESS IN CONFLICT WITH NEW WORK. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REP OR SITE SUPERVISON FOR CLARIFICATION AND INSTRUCTIONS PRIOR ANY WORK BEING DONE.

4 - WIRING MAY BE SHOWN OFFSET FOR DRAWING CLARITY.

5 - PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTOR WITH ALL BRANCH CIRCUIT WIRING WHETHER OR NOT SHOWN ON THE DRAWING.

6 - PROVIDE FIRESTOP AT WALL PENETRATIONS TO MAINTAIN BUILDING FIRE RATING INTEGRITY.

7 - MAXIMUM COMBINED VOLTAGE DROP ON BOTH THE INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5%

8 - PROTECT IN PLACE EXISTING BRANCH CIRCUIT WIRING NOT SHONW ON THE PLANS.

9 - REFER TO DEFERED FIRE ALARM SUBMITTAL FOR FIRE ALARM SCOPE OF WORK

KEY NOTES

1. INTERCEPT EXISTING LIGHTING BRANCH CIRCUIT WIRING AND CONNECT TO UNSWITCHED LEG OF LIGHTING BRANCH CIRCUIT . FIELD VERIFY BRANCH CIRCUIT AND MARK ON AS-BUILT.
2. OCCUPANCY SENSOR WALL 0-10V DIMMER, PIR, LINE VOLTAGE.
3. WALL DIMMER, LINE VOLTAGE, 0-10V CONTROL.
4. OCCUPANCY SENSOR WALL DIMMER, PIR, LINE VOLTAGE, ELV.
5. MULTI-WAY WALL DIMMER, LINE VOLTAGE, COMPATIBLE WITH LIGHT FIXTURE.
6. PROVIDE JUNCTION BOX FOR CONNECTION TO DIMMABLE TRANSFORMER POWER SUPPLY FOR LED TAPE, FIXTURE "F5". MOUNT TRANSFORMER CONCEALED FROM VIEW IN SOFFIT,VL., PROVIDE TRANSFORMERS AND ACCESSORIES AS REQUIRED PER INSTALLATION INSTRUCTIONS. PROVIDE ALL CONNECTIONS FOR A COMPLETE AND OPERABLE SYSTEM.
7. CONNECT NEW EXTERIOR LIGHT FIXTURES TO UNSWITCHED LEG OF EXISTING BUILDING EXTERIOR LIGHT FIXTURE BRANCH CIRCUITS,
8. OCCUPANCY SENSOR WALL SWITCH, PIR, LINE VOLTAGE, MANUAL-ON/AUTO OFF.
9. CONNECT TO ALWAYS HOT LEG OF BRANCH CIRCUIT FOR OPERATION OF EMERGENCY BATTERY PACK.

WIRING TABLE

SYMBOL	CONDUIT AND WIRES DESCRIPTION
A	1/2"C-3#12(ALWAYS HOT LEG, SWITCH LEG , N) +1#12G + 2#16 (CONTROL WIRES).
B	1/2"C-2#12(SWITCH LEG , N) +1#12G + 2#16 (CONTROL WIRES).

FIXTURE SCHEDULE

DESIG. / WATTS	LAMPS	DESCRIPTION	FINISH	MOUNTING
F1 / 1.5W	LED	COMBINATION EMERGENCY EXIT LIGHT, WHITE THERMOPLASTIC HOUSING, (2)0.75W HEADS, 90 MIN.EMERGENCY BATTERY PACK. HALCO LIGHTING: EMC-EXC-WH-RG	RED/GREEN LETTERS PER ARCH	UNIVERSAL MOUNTING
F2 / 47W	LED 4000°K	LED, 2'X4' LED PANEL, SELECTABLE LUMEN, SELECTABLE CCT MVOLT, 0-10V DIMMING. LITHONIA LIGHTING: CPX 2X4 ALO8 HE SWW7 UVOLT M2	WHITE	RECESSED
F2A / 47W	LED 4000°K	SIMILAR TO F2 EXCEPT WITH 90 MIN EMERGENCY BATTERY LITHONIA LIGHTING: CPX 2X4 AL08 HE SWW7 UVOLT M2/ILBLP CP 10 HE SD A	WHITE	RECESSED
F3 / 12W	LED 4000°K	4"DIA DOWNLIGHT, 1300LM LED, ELV DIMMING MVOLT , 0-10V DIMMING, 80 CRI, NLIGHT ENAB LED NORA LIGHTING: NHIC-4LMRAT/NRMC3-R1 L1 40 N BW	WHITE	RECESSED
F4 / 12W	LED 4000°K	6" DIA DOWNLIGHT, 1300LM LED, ELV DIMMING DAMP LOCATION LISTED NORA LIGHTING: NHIC-6LMRAT/NRMC3-61 L1 30 N DW	WHITE	RECESSED
F5 / 4.4W/LF	LED 4000°K	LED TAPE, 4.4W/LF. BLUE COLOR, PROVIDE 24VDC 80VA DIMMING TRANSFORMER AS REQUIRED. ASPECT LED AL-SL-WN-U-B-24/AL-PS-W-D-80-24V	BLUE	SURFACE
F6 / 25W	LED 3000°K	WALL PACK, 2500 LM LED,AMBIENT LIGHT SENSOR, MOTION SENSOR LITHONIA LIGHTING: WST LED P1 30K VW 120 PIRH DDBXD	DARK BRONZE	WALL PER ARCHITECT

FIXTURE SCHEDULE NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING PROPER TYPES OF TRIMS FOR ALL RECESSED FIXTURES TO FIT THE CEILING BEING INSTALLED.
2. FIXTURE TYPES IN CONTACT WITH INSULATION SHALL HAVE U.L. LISTED THERMAL BARRIER.
3. CONTRACTOR SHALL VERIFY THE TYPE OF CEILING BEFORE ORDERING NEW FIXTURES. CONTRACTOR IS FULLY RESPONSIBLE TO PROVIDE ALL MOUNTING BRACKETS TO FIT CEILING CONDITIONS AT NO EXTRA CHARGE TO THE OWNER.
4. CONTRACTOR TO PROVIDE DIMMERS COMPATIBLE WITH FIXTURE.

(N)ELECTRICAL PLAN

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

NORTH

(N) LIGHTING PLAN

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-4540 FAX: (805) 933-8040

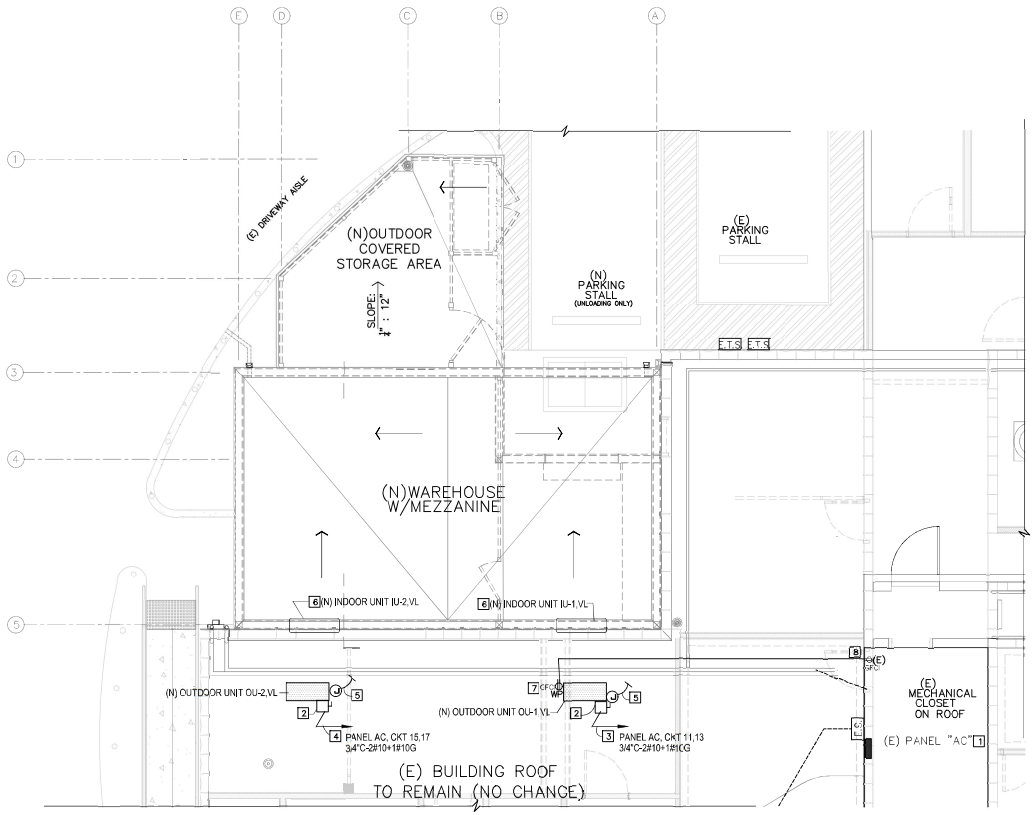
CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
25101 THE OLD ROAD
STEVENSON RANCH, CA 91381
TEL: (818) 997-7171 EMAIL: info@pebrahimiandassociates.net

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA. 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-3.1



(N) ROOF ELECTRICAL PLAN

NORTH

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. PROVIDE EQUIPMENT GROUNDING CONDUCTOR WITH EACH BRANCH CIRCUIT WHETHER OR NOT SHOWN ON THE DRAWINGS.
2. PROVIDE NYLON PULL ROPE IN ALL CONDUITS ONLY.
3. EXACT LOCATION OF ALL MECHANICAL EQUIPMENT MUST BE COORDINATED AGAINST MECHANICAL DRAWINGS.
4. PROVIDE BRANCH CIRCUIT WIRING FOR MECHANICAL EQUIPMENT. VERIFY EQUIPMENT BRANCH CIRCUIT REQUIREMENTS WITH MECHANINCAL SUB PRIOR TO ROUGH-INS. ANY DISCREPANCIES DISCOVERED MUST BE COORDINATED WITH THE ARCHITECT PRIOR ROUGH-INS.
5. CONDUIT HOMERUNS FOR ROOF-TOP MECHANICAL EQUIPMENT ON ROOF SHALL BE 3/4"C MIN. , UON.
6. LOCAL SAFETY DISCONNECT SWITCHES SHALL BE HEAVY DUTY AND "HP" RATED FUSES TO MATCH EQUIPMENT NAMEPLATE RATING. OTHERWISE USE RK5-DE.
7. PROVIDE ALL CONTROL WIRING AND CONDUIT FOR HVAC SYSTEM. SEE MECHANICAL DRAWINGS FOR INTERLOCK AND CONTROLS. CONTRACTOR TO COORDINATE ALL WORK WITH MECHANICAL CONTROLS CONTRACTOR.
8. MOUNT DISCONNECTS ON UNITS AT THE SPACE DEDICATED BY MANUFACTURER PER MOUNTING INSTRUCTIONS PROVIDED WITH DISCONNECT. VERIFY LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
9. SEE ARCHITECTURAL DETAILS SPECIFICATIONS FOR WEATHERPROOFING AND SEALING CONDUIT PENETRATIONS THROUGH THE ROOF.
10. ELEC EQUIPMENT MOUNTED ON ROOF OR EXPOSED TO WEATHER SHALL BE (WP) TYPE. FURTHER, EQUIPMENT ENCLOSURE MUST BE BONDED TO THE GROUND WIRE.
11. PAINT EXPOSED SURFACE CONDUIT IN FINISHED AREAS TO MATCH SURFACE.
12. WIRING MAY BE DRAWN OFFSET FOR CLARITY.
13. ALL WIRING/CABLES TO BE RUN IN CONDUIT.
14. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR PRIOR INSTALLATION.
15. WEATHERPROOF ALL CONDUIT PENETRATIONS THROUGH EXTERIOR WALLS AND ROOFS PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

KEY NOTES:

1. (E) 240V, 3PH, 3 WIRE ELECTRICAL PANEL. RELOCATE EXISTING 30A, 2P, 240V CIRCUIT BREAKER IN SPACE 13,15 TO SPACE 15,17. RECONNECT LOAD TO NEW BRANCH CIRCUIT LOCATION. REMOVE 30A, 3P, 240V CIRCUIT BREAKER IN SPACE 7,9,11. PROVIDE NEW 25A, 2P, 240V CIRCUIT BREAKERS IN SPACES # 7,9 AND #11,13 TO MATCH EXISTING FOR NEW HVAC MINI-UNITS.
2. (N) 30A, 2P, 240V WEATHERPROOF FUSIBLE DISCONNECT SWITCH WITH (2) 25A, RK5, DE FUSES FOR NEW MINI-SPLIT UNIT, VL. MOUNT ON STRUT SUPPORTS AND MAINTAIN 36" CLEAR SPACE IN FRONT.
3. (N) 3 /4" CONDUIT WITH 2 #10 +1#10G AWG TO PANEL "AC" BRANCH CIRCUIT # 7,9. USE ROOFTOP SUPPORT BLOCKS TO ROUTE CONDUIT ON ROOF TO PANEL. PROVIDE WEATHERPROOFING AT WALL/ROOF PENETRATIONS.
4. (N) 3 /4" CONDUIT WITH 2 #10 +1#10G AWG TO PANEL "AC" BRANCH CIRCUIT # 11,13 USE ROOFTOP SUPPORT BLOCKS TO ROUTE CONDUIT ON ROOF TO PANEL. PROVIDE WEATHERPROOFING AT WALL/ROOF PENETRATIONS.
5. (N) 1 /2" CONDUIT WITH 3 #14 +1#14G AWG CONNECTION FOR POWER CONNECTION TO CORRESPONDING INDOOR UNIT. PROVIDE EXPANSION JOINTS AS REQUIRED. PROVIDE ALL CONNECTIONS COMPLETE.
6. MINI SPLIT INDOOR UNIT FED FROM CORRESPONDING OUTDOOR UNIT, VL. PROVIDE ALL CONTROL CONDUIT AND WIRES PER MANUFACTURER'S INSTRUCTIONS.
7. (N) WEATHERPROOF 20A, 120V, GFCI DUPLEX RECEPTACLE WITH HEAVY DUTY WEATHERPROOF IN USE COVER ON ROOF, VL. MOUNT ON STRUT SUPPORT.
8. CONNECT TO EXSTING 15A, 120V DUPLEX RECEPTACLE AND EXTEND 3/4"C-2#12+1#12G TO NEW WEATHERPROOF RECEPTACLE ON ROOF. PROVIDE WEATHERPROOFING AT CONDUIT WALL PENETRATION.

ROOF ELECTRICAL PLAN

REGISTERED PROFESSIONAL ENGINEER
DANA S TOM
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
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CONSULTANT:
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SIMI VALLEY, CALIFORNIA 93381
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PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

	Revision	Date

Scale: AS NOTED
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E3.2

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)4Bvi	
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 1 of 4)
Project Address: 214 South 10th St., Santa Paula 93060	**Date Prepared:** 2026-06-14T18:40:58-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Santa Paula	02	Climate Zone	9
			03	Occupancy Types Within Project:	

● All Other Occupancies ● Office

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
120/240V, 1ph, 3 W meter panel MP1	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.	☐

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STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 2 of 4)
	Date Prepared: 2026-06-14T18:40:58-04:00

B. PROJECT SCOPE

This table includes electrical systems that are within the scope of the permit application.

240V,3Ph, 3P meter panel MP2	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.*

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.

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CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance — Report Version: 2025.0.000 Schema Version: rev 20250101 — Compliance ID: ECA-413171-0626-0003 Report Generated: 2026-06-14 15:40:59

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 3 of 4)
	Date Prepared: 2026-06-14T18:40:58-04:00

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)4Bvic.

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
120/240V, 1ph, 3 W meter panel MP1	☒ Voltage drop less than 5%	☐	Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	E-4.0	☐	☐
240V,3Ph, 3P meter panel MP2	☒ Voltage drop less than 5%	☐	Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	E-4.0	☐	☐

** 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".*

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.

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CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance — Report Version: 2025.0.000 Schema Version: rev 20250101 — Compliance ID: ECA-413171-0626-0003 Report Generated: 2026-06-14 15:40:59

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 4 of 4)
Project Address:	**Date Prepared:** 2026-06-14T18:40:58-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Dana Tonai	Documentation Author Signature:
Company: Parviz Ebrahimi Inc	Signature Date: 6/15/2026
Address: 25101 The Old Road	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

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 Person Name: Dana Tonai	Responsible Person Signature:
Responsible Person Scope:	
Company: Parviz Ebrahimi Inc	Date Signed: 6/15/2026
Address: 25101 The Old Road	License: E14963
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance — Report Version: 2025.0.000 Schema Version: rev 20250101 — Compliance ID: ECA-413171-0626-0003 Report Generated: 2026-06-14 15:40:59

VOLTAGE DROP CALCULATIONS

CIRCUIT NUMBER	VOLTAGE	PHASE	LOAD (VA)	AMPS	DISTANCE (FT)	WIRE SIZE (AWG)	VOLTAGE DROP	%VOLTAGE DROP
AA-1	120	1	192	1.6	70	12	0.03	0.03
AA-3	120	1	1200	10	40	10	0.8	0.67
AA-7	120	1	900	7.5	70	10	0.95	0.79
AA-9	120	1	1200	10	60	10	1.08	0.9
AA-11	120	1	900	7.5	60	10	0.81	0.68
AA-13	120	1	360	3	60	12	0.52	0.43
AA-2	120	1	900	7.5	70	10	0.95	0.79
AA-4	120	1	180	1.5	35	12	0.15	0.13
AA-6	120	1	360	3	40	12	0.34	0.28
AE-35	120	1	900	7.5	50	12	1.07	0.89
AC-9,11	240	1	4224	17.6	34	10	1.08	0.45
AC-13,15	240	1	4224	17.6	50	10	1.59	0.66

REGISTERED PROFESSIONAL ENGINEER DANA S. TONAI E 14963 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
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Parviz Ebrahimi, Inc.
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STEVENSON RANCH, CA 91381
TEL: (818) 991-7371 EMAIL: info@pebrahimiinc.net

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-4.0

NRCC-ELC-E, VOLTAGE DROP CALCULATIONS

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E

This document is used to demonstrate compliance with requirements in §110.9, §110.12(c), §130.0, §130.1, §140.6 and §141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in §160.5, §170.2(e) and §180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.

Project Name:	Santa Paula Police Department Phase II	**Report Page:**	**(Page 1 of 9)**
Project Address:	214 South 10th St., Santa Paula 93060	**Date Prepared:**	2026-06-14T19:09:04-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Santa Paula	04	Total Conditioned Floor Area (ft²)	2,563
02	Climate Zone	9	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	2
● All Other Occupancies					

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 / §170.2(e) or §141.0(b)2 / §180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	2563	N/A	0
☐ New Lighting System - Parking Garage	N/A	0	N/A	0
Total Area of Work (ft²)	2563			

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** **(Page 2 of 9)**
	Date Prepared: 2026-06-14T19:09:04-04:00

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)1 /§170.2(e)	Allowed Lighting Power per §140.6(b) /§170.2(e) (Watts)					Adjusted Lighting Power per §140.6(a) /§170.2(e) (Watts)				Compliance Results
	01	02	03		04	05	06		07	08
	Complete Building §140.6(c)1	Area Category §140.6(c)2 /§170.2(e)4	Area Category Additional §140.6(c)2G / §170.2(e)4Av (+)	=	**Total Allowed** (Watts)	Total Designed (Watts)	Adjustments PAF Lighting Control Credits §140.6(a)2 /§170.2(e)1B (-)	=	**Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 §140.6 /§170.2(e)**
	(See Table I)	(See Table I)	(See Table J)			(See Table F)	(See Table P)			
Conditioned		1,901.4	58	=	1,959.4	1,263		=	1263	COMPLIES
Unconditioned				=			0	=		
Controls Compliance (See Table H for Details)										COMPLIES
One-for-one Luminaire Alterations Compliance (See Table Q for Details)										

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance | Report Version: 2025.0.000 | Schema Version: rev 20250101 | Compliance ID: ECA-413171-0626-0004 | Report Generated: 2026-06-14 16:09:07

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** **(Page 3 of 9)**
	Date Prepared: 2026-06-14T19:09:04-04:00

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change [1]	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per §140.6(a)3 / §170.2(e)2C	Design Watts	Field Inspector	
									Pass	Fail
F2/F2A	2 X 4 LED PANEL, 3200 LM, 0-10V DIM	No	NA	47	Mfr. Spec	13	No	611	☐	☐
F3	4" DIA RECESSED DL, 1300LM LED, ELV DIMMING	No	NA	12	Mfr. Spec	33	No	396	☐	☐
F5	LED TAPE LIGHT, 4.4 W/LF	No	Used in Nonres occupancy	80	Mfr. Spec	4	No	256	☐	☐
							Total Designed Watts: CONDITIONED SPACES	1,263		

[1] *FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)4B /§170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2] *Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) /§160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.*

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance | Report Version: 2025.0.000 | Schema Version: rev 20250101 | Compliance ID: ECA-413171-0626-0004 | Report Generated: 2026-06-14 16:09:07

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** **(Page 4 of 9)**
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H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

01	02	03	
		Field Inspector	
		Pass	Fail
Mandatory Demand Response §110.12(c)	Shut-off controls §130.1(c) / §160.5(b)4C	☐	☐
NA < 4,000W subject to multilevel	See Area/Space Level Controls (Column 8)	☐	☐

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual 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
OFFICE	Office (<=250 square feet)	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: General Ltg < 75W	NA: General Ltg < 75W	No	☐	☐
Workroom	Office (<=250 square feet)	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CONFERENCE ROOM	Convention, Conference, Multipurpose and Meeting Center	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
TRAINING ROOM	Classroom, Lecture, or Training Vocational	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐

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STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
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H. INDOOR LIGHTING CONTROLS (Not including PAFs)

BREAK ROOM	Lounge	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐ ☐
BREAKROOM KITCHEN	Kitchen/ Food Preparation	Readily Accessible and located in the same space.	NA: Space <100SF	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐ ☐
GUN STORAGE/ARMORY	General Commercial Industrial Work Area Precision	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐ ☐
IT ROOM	Electrical, Mechanical, or Telephone Room	Readily Accessible and located in the same space.	Dimmer	NA: Elec. equip. rm	NA: Not daylit zone	NA: Not daylit zone	No	☐ ☐
LOCKER ROOM	Locker/Dressing Room	Readily Accessible and located in the same space.	NA: Space <100SF	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐ ☐
EVIDENCE STORAGE	General Commercial Industrial Work Area Precision	Readily Accessible and located in the same space.	Dimmer	NA: 24 hour/365 day	NA: Not daylit zone	NA: Not daylit zone	No	☐ ☐

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Plan Sheet Showing Daylit Zones:

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Indoor Lighting
CALIFORNIA ENERGY COMMISSION

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I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per §140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used .

Conditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area CategoryPAF	PAF
OFFICE	Office (<=250 square feet)	0.65	661	429.65	No	No
Workroom	Office (<=250 square feet)	0.65	142	92.3	No	No
CONFERENCE ROOM	Convention, Conference, Multipurpose and Meeting Center	0.75	232	174	Yes	No
TRAINING ROOM	Classroom, Lecture, or Training Vocational	0.6	209	125.4	No	No
BREAK ROOM	Lounge	0.55	214	117.7	No	No
BREAKROOM KITCHEN	Kitchen/ Food Preparation	0.95	78	74.1	No	No
GUN STORAGE/ARMORY	General Commercial Industrial Work Area Precision	0.85	173	147.05	No	No
IT ROOM	Electrical, Mechanical, or Telephone Room	0.4	114	45.6	No	No
LOCKER ROOM	Locker/Dressing Room	0.45	46	20.7	No	No
EVIDENCE STORAGE	General Commercial Industrial Work Area Precision	0.85	794	674.9	No	No
		TOTALS:	2,663	1,901.4	See Tables J, or P for detail	

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NRCC-LTI-E

REGISTERED PROFESSIONAL ENGINEER
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PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
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214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE

Drawn by: DT

Date: 6/18/2026

Job # 10504.014

Sheet: E-4.1

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

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J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

All areas indicated in Table I as using an additional allowance using the Area Category Method have been included in this table to calculate the additional allowance per Table 140.6-C (170.2-M

Conditioned Spaces

01	02	03	04	05	06	07	08	09	10
Area Description	Primary Function Area	Applicable Qualifying Lighting System from Table 140.6-C	Allowed Density (W/ft² or W/LF or W/unit)	Ltg Area, Length or ATM/Mirror (ft², lf or #)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	Number of Luminaires	Total Design Watts
CONFERENCE ROOM	Convention, Conference, Multipurpose and Meeting Center	Decorative/ Display C	0.25	232	58	F5	80	4	320
Total Design Watts	Calculated Allowance (Watts):	Total Additional Allowance for this area:							
320	58	58							
11									
Total Additional Allowance (Watts) CONDITIONED SPACES		58							

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Q. ONE-FOR-ONE LUMINAIRE 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.

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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.	OFFICE; Workroom; CONFERENCE ROOM; TRAINING ROOM; BREAK ROOM; BREAKROOM KITCHEN; GUN STORAGE/ARMORY; LOCKER ROOM

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CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:**	**(Page 9 of 9)**
Project Address:	**Date Prepared:**	2026-06-14T19:09:04-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Dana Tonai	Documentation Author Signature:
Company: Parviz Ebrahimi Inc	Signature Date: 6/15/2026
Address: 25101 The Old Road	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

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 Person Name: Dana Tonai	Responsible Person Signature:
Responsible Person Scope:	
Company: Parviz Ebrahimi Inc	Date Signed: 6/15/2026
Address: 25101 The Old Road	License: E14963
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

NRCC-LTI-E

REGISTERED PROFESSIONAL ENGINEER
DANA S. TONAI
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PROJECT:
SANTA PAULA
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CLIENT:
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214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-4.2

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: Santa Paula Police Department Phase II	**Report Page:**	**(Page 1 of 9)**
Project Address: 214 South 10th St., Santa Paula 93060	**Date Prepared:**	2026-06-14T19:20:27-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Santa Paula	04	Total Illuminated Hardscape Area (ft²)	3745
02	Climate Zone	9			
03	Outdoor Lighting Zone per Title 24 Part 1 §10.114 or as designated by Authority Having Jurisdiction (AHJ):				
☐	LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval		
☐	LZ-1: Low - Rural Areas	☒ LZ-3: Moderately High - Urban Areas			
05	Occupancy Types within Project				
• All Other Occupancies • Office • Support Areas					

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.

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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
F3	4" DIA LED DL,	☐ Linear	12	Mfr. Spec	2	New	☐	24	NA: < 6200 lumens	☐	☐
F4	6" DIA LED DL	☐ Linear	12	Mfr. Spec	2	New	☐	24	NA: < 6200 lumens	☐	☐
F6	LED WALLPACK, 2500LM LED, AMBIENT LIGHT AND MOTION SENSING	☐ Linear	25	Mfr. Spec	2	New	☐	50	NA: < 6200 lumens	☐	☐
							Total Design Watts:	98			

* 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/ft instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.
[3] Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.
[4] Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by §130.2(b)/ §160.5(c)

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

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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 (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
HARDSCAPE	3490	0.021	73.29	292	0.2	58.4	131.69
				Initial Wattage Allowance for Entire Site (Watts):			250
				Instances of Initial Wattage Allowance (LZ 0 only)[1]			
				Total General Hardscape Allowance (Watts):			381.69

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CALIFORNIA ENERGY COMMISSION

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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(d1) / §170.2(e)6 (See Table I)	+	Per Application §140.7(d2 / §170.2(e)6 (See Table J)	+	Sales Frontage §140.7(d2 (See Table K)	+	Ornamental §140.7(d2 / §170.2(e)6 (See Table L)	+	Per Specific Area §140.7(d2 / §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**
381.69	+	19	+	---	+	---	+	24	OR	---	=	424.69	≥	98	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.

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Outdoor Lighting
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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(c1) / §160.5(c)	Auto-Schedule §130.2(c12 / §160.5(c)	Motion Sensor §130.2(c13 / §160.5(c)	Field Inspector	
				Pass	Fail
ENTRANCE: "F3"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐
STORAGE: "F4"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐

[1] FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
[2] Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.
[3] Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

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STATE OF CALIFORNIA
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J. LIGHTING ALLOWANCE: PER APPLICATION

This table includes areas using the wattage allowance per application from Table 140.7-B / Table 170.2-S.

01	02	03	04	05	06	07	08	09	10
Area Description	Application per Table 140.7-B [1]	CALCULATED ALLOWANCE (Watts)			DESIGN WATTS				Additional Allowance (Watts)
		# of Locations	Allowance per Location[2]	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	
ENTRANCE	Building Entrance/Exit	1	19	19	F3	12	2	24	19
							Total Design Watts for this Area:	24	
							Total Allowance (Watts) All Areas:		19

[1] FOOTNOTES: Primary entrance applications are only available for senior care facilities, healthcare facilities, police stations, hospitals, fire stations, and emergency vehicle facilities.
[2] The Allowance per Location for ATMs is 100W for the first ATM and 35W for each additional per Table 140.7-B /Table 170.2-S.
[3] For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.

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.

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NRCC–LTO–E

REGISTERED PROFESSIONAL ENGINEER — DANIEL S. TONAI — E 14963 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

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PROJECT:
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POLICE STATION
RENOVATION

CLIENT:
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214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E4.3

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santa Paula Police Department Phase II	Report Page:	(Page 7 of 9)
	Date Prepared:	2026-06-14T19:20:27-04:00

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This table includes areas using the wattage allowance per specific area from Table 140.7-B /Table 170.2-S. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10
Area Description	Specific Area Type per Table 140.7-B	CALCULATED ALLOWANCE (Watts)			DESIGN WATTS				Additional Allowance (Watts)
		Specific Area (ft²)[1]	Allowed Density (W/ft²)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	
STORAGE	NonSalesCanopy	189	0.27	51.03	F4	12	2	24	24
							Total Design Watts for this Area:	24	
								Total Allowance (Watts) All Areas:	24

[1] *FOOTNOTES: See Table 140.7-B /Table 170.2-S for rules for calculating the specific areas (ft²) for these additional lighting allowances.*
[2] *For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.*

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

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

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Project Name: Santa Paula Police Department Phase II	Report Page:	(Page 8 of 9)
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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.	ENTRANCE: "F3", STORAGE: "F4"

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santa Paula Police Department Phase II	Report Page:	(Page 9 of 9)
Project Address:	Date Prepared:	2026-06-14T19:20:27-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Dana Tonai	Documentation Author Signature: [signature]
Company: Parviz Ebrahimi Inc	Signature Date: 6/15/2026
Address: 25101 The Old Road	CEA/ANAB/CEC Certification Identification (if applicable):
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

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 Person Name: Dana Tonai	Responsible Person Signature: [signature]
Responsible Person Scope:	
Company: Parviz Ebrahimi Inc	Date Signed: 6/15/2026
Address: 25101 The Old Road	License: E14963
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

REGISTERED PROFESSIONAL ENGINEER
DANA S. TONAI
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-4540 FAX: (805) 933-8040

CONSULTANT:
Parviz Ebrahimi, Inc.
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25101 THE OLD ROAD
STEVENSON RANCH, CA 91381
TEL: (818) 991-7371 EMAIL: info@pebi.net

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

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NRCC–LTO–E

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL CONFORM TO AND BE IDENTIFIED IN ACCORDANCE WITH 2025 CBC SECTION 2202. STEEL FABRICATOR TO BE LICENSED BY THE APPROPRIATE MUNICIPALITY.
2. MATERIAL AND WORKMANSHIP FOR FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF THE "CODE OF STANDARD PRACTICE", PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
3. STRUCTURAL STEEL FOR THE FOLLOWING SHAPES INDICATED SHALL CONFORM TO THE FOLLOWING GRADES:

SHAPE	ASTM / GRADE	Fy (ksi)
WIDE FLANGE (W)	A 992	50–65
PLATES, ANGLES AND CHANNELS	A 36	36
RECTANGULAR TUBES	A 500 B	46
ROUND TUBES	A 500 B	42

4. BOLTS OF THE TYPE AND USE INDICATED SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS (U.N.O.):

TYPE	USE	BOLTS
MACHINE BOLTS	AS SPECIFIED	A 307 GRADE A
ANCHOR BOLTS	ANCHORS	A 307 GRADE A
HIGH STRENGTH	AS SPECIFIED	A 325

5. NUTS SHALL CONFORM TO ASTM A 563–88a HEX GRADE A.
6. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF AWS D1.1–14, "STRUCTURAL WELDING CODE –STEEL" OF THE AMERICAN WELDING SOCIETY. ELECTRODES SHALL BE TYPE E70–76, UNLESS NOTED OTHERWISE BY PROJECT STRUCTURAL ENGINEER.
7. ALL WELDING OF STRUCTURAL STEEL SHAPES SHALL BE ELECTRIC–ARC PROCESS BY QUALIFIED AND CERTIFIED WELDERS, IN A FABRICATION SHOP LICENCED BY THE LOCAL BUILDING JURISDICTION. CONTINUOUS DEPUTY INSPECTION REQUIRED FOR FIELD WELDING.
8. ALL WELDING OF REINFORCING STEEL SHALL CONFORM TO THE PROVISIONS OF AWS D1.4–14, "STRUCTURAL WELDING CODE – REINFORCING STEEL".
9. STEEL MEMBERS TO BE GALVANIZED SHALL BE COATED IN ACCORDANCE WITH ASTM A 123 WITH A MINIMUM OF 2.5 OUNCES ZINC PER SQ. FT.
10. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION.
11. STEEL SHALL BE COATED WITH A SHOP–APPLIED PRIMER. FIELD PAINTING TO BE PROVIDED TO TOUCH UP ANY DAMAGED PAINT ON SHAPES, BOLTS, AND WELDS.
12. HIGH–STRENGTH NON–SHRINK GROUT SHALL BE PLACED IMMEDIATELY AFTER COLUMN IS PLUMBED. CONTRACTOR SHALL NOT LOAD COLUMN ANCHOR BOLTS BEFORE PLACEMENT OF NON–SHRINK GROUT. NON–SHRINK GROUT SHALL BE ICC–APPROVED AND SHALL BE MIXED, PLACED AND CURED IN CONFORMANCE WITH MANUFACTURER'S CC REPORT.
13. CONCRETE AND BASE PLATE SURFACES SHALL BE CLEAN AND FREE OF OIL, GREASE, DIRT AND LOOSE PARTICLES.
14. FIELD WELDING TO BE DONE BY WELDERS CERTIFIED BY THE LOCAL BUILDING JURISDICTION FOR (STRUCTURAL STEEL AND REINFORCING STEEL.) CONTINUOUS INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED.
15. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED FABRICATOR OR UNDER DEPUTY INSPECTION. A CERTIFICATE SHALL BE GIVEN TO THE BUILDING INSPECTOR AT FRAMING INSPECTION.

REINFORCING STEEL

1. DEFORMED BAR REINFORCEMENT SHALL CONFORM TO THE FOLLOWING GRADES OFASTM A 615:
   GRADE 40 – #3 AND SMALLER
   GRADE 60 – #4 AND LARGER
2. DETAILS OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI 318, 2022 CBC & OTHER SECTIONS ACCORDING TO APPLICATION.
3. LAPS AT BAR SPLICES IN CONCRETE CONSTRUCTION SHALL BE AS SHOWN ON SHEET SD–1, "CONCRETE LAP SPLICE TABLE", AND NOT LESS THAN 12".
4. LAPS AT BAR SPLICES IN MASONRY CONSTRUCTION SHALL BE AS SHOWN ON SHEET SD–1, "MASONRY LAP SPLICE TABLE", AND NOT LESS THAN 48 db.
5. VERTICAL REINFORCEMENT SHALL BE TIED OR OTHERWISE FIXED IN POSITION AT THE TOP AND BOTTOM AND AT INTERMEDIATE LOCATIONS, SPACED NOT GREATER THAN 192 BAR DIAMETERS (SEE DETAILS FOR FOR OTHER REQMNTS).
6. WALLS, PILASTERS AND COLUMNS SHALL BE DOWELED TO THEIR SUPPORTING FOOTING WITH REINFORCEMENT OF THE SAME SIZE, GRADE AND SPACING AS THE VERTICAL REINFORCEMENT IN THE WALLS, PILASTERS, OR COLUMNS (U.N.O.).
7. BAR SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF "BAR SUPPORT SPECIFICATIONS" AS CONTAINED IN THE LATEST EDITION OF THE "MANUAL OF STANDARD PRACTICE" BY THE CONCRETE REINFORCING STEEL INSITUTE (CRSI).
8. REINFORCING STEEL DETAILING, BENDING, AND PLACING SHALL BE IN ACCORDANCE WITH THE CRSI "MANUAL OF STANDARD PRACTICE", LATEST EDITION.
9. ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE BEFORE PLACING CONCRETE OR GROUT.
10. WELDING OF CROSSING BARS AND TACK WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
11. CONTRACTOR SHALL SUBMIT REINFORCING STEEL SHOP DRAWINGS FOR REVIEW BEFORE FABRICATION AND INSTALLATION.
12. WELDING OF ALL REINFORCING STEEL TO STRUCTURAL STEEL SHALL BE LIMITED TO THOSE AREAS SPECIFICALLY SHOWN ON THE PLANS. ANY OTHER WELDING SHALL REQUIRE THE APPROVAL OF THE GOVERNING AGENCY, FIELD INSPECTOR, AND STRUCTURAL ENGINEER.
13. FLARE GROOVE WELDS SHALL, IN ADDITION, TO ALL SPECIFICATIONS LISTED ABOVE COMPLY WITH THE REQUIREMENTS OF THE THIRTEENTH EDITION OF THE "MANUAL OF STEEL CONSTRUCTION – ALLOWABLE STRESS DESIGN" AS PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.

REINFORCED CONCRETE

1. THE MINIMUM 28–DAY CYLINDER STRENGTH SHALL BE PER 2025 CBC SECTION 1904.1, AS FOLLOWS, (U.N.O.).

CONCRETE ELEMENT	f'c
SLAB ON GRADE	2500 PSI
PIERS AND SPREAD FOOTINGS	3000 PSI
RETAINING WALLS AND STRUCTURAL WALLS	3000 PSI
TOPPING SLAB	4000 PSI
PILES	4000 PSI
GRADE BEAMS	4000 PSI

   ALL CONCRETE REQUIRED TO BE GREATER THAN 2500 PSI SHALL HAVE SPECIAL INSPECTION PER 2025 CBC
2. PORTLAND CEMENT SHALL CONFORM TO ASTM C 150, TYPE I OR II.
3. AGGREGATES FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C 33 AND SHALL BE AS DEFINED IN ACI 318 SECTION 3.3. "A" AGGREGATES FOR LIGHT WEIGHT CONCRETE SHALL CONFORM TO ASTM C 330. STRUCTURAL LIGHT WEIGHT CONCRETE SHALL HAVE A DENSITY RANGE OF 110 TO 115 PCF.
4. ADMIXTURES PER ACI 318 SECTION 3.6 MAY BE USED WITH PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
5. READY–MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C 94 – MIXING & PLACING OF CONCRETE.
6. MINIMUM CONCRETE COVER (IN INCHES) FOR REINFORCING STEEL IN NONPRESTRESSED CAST–IN–PLACE CONCRETE SHALL BE AS FOLLOWS:

LOCATION	MIN. COVER (IN.)
A. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3
B. FORMED SURFACES EXPOSED TO EARTH OR WEATHER:	
#6 THROUGH #18 BARS	2
#5 BARS, 5/8 INCH WIRE, AND SMALLER	1 1/2
C. NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND:	
#14 AND #18 BARS	1 1/2
#11 AND SMALLER (SLABS, WALLS, JOISTS):	3/4
PRIMARY REINFORCEMENT, STIRRUPS, TIES OR SPIRALS (BEAMS, GIRDERS, COLUMNS)	1 1/2

7. SLEEVES, PIPES AND CONDUITS SHALL NOT BE PLACED THROUGH CONTINUOUS OR SPREAD FOOTINGS, GRADE BEAMS, PILE CAPS OR TIE BEAMS UNLESS SHOWN IN APPROVED BY STRUCTURAL ENGINEER AND SHOWN IN STRUCTURAL DETAILS.
8. ALL SLEEVES THROUGH BEAMS, GIRDERS AND FOUNDATION WALLS SHALL BE INSTALLED AND SECURED IN POSITION PRIOR TO PLACING CONCRETE. EXCEPT AS SHOWN ON STRUCTURAL DRAWINGS, SLEEVING SHALL NOT BE PERMITTED UNLESS APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER.
9. CONDUIT SHALL NOT BE PLACED IN ANY CONCRETE SLAB LESS THAN 3– 1/2 " THICK. IF CONDUIT IS PLACED IN CONCRETE SLAB, ITS OUTSIDE DIAMETER SHALL NOT BE GREATER THAN ONE THIRD OF THE SLAB THICKNESS.
10. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4 INCH (U.N.O.)
11. FRAMING CONTRACTOR TO VERIFY LOCATION OF HOLDOWNS PRIOR TO POURING OF CONCRETE FOUNDATIONS.
12. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS, OR GROUNDS REQUIRED TO BE CAST IN THE CONCRETE AND FOR EXTENT OF DEPRESSIONS, CURBS, AND RAMPS.
13. ALL VERTICAL SURFACES OF CONCRETE ABOVE FINISHED GRADE SHALL BE FORMED.
14. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS DUE TO ARCHITECTURAL C.I.P. CONCRETE.
15. SLAB ON GRADE IS NOT DESIGNED AS A STRUCTURAL DIAPHRAGM (U.N.O.).
16. NO SOILS REPORT PROVIDED FOR THIS PROJECT. MINIMUM SOILS DESIGN VALUES SHALL BE PER CBC TABLE 1804.2 ASBP = 1,500 psf.

    SOILS DESIGN VALUES ARE SUMMARIZED HERE ON, IN THE "SOILS" NOTES SECTION.

SOILS

SOILS VALUES:	
ALLOWABLE BEARING CAPACITY	1,500 PSF (CBC PRESCRIPTIVE MIN.)
PASSIVE EARTH PRESSURE	43 PCF
LATERAL BEARING PRESSURE	150 PSF
COEFFICIENT OF FRICTION	0.30
BEARING MATERIAL	RECOMPACTED SOIL
MIN. FTG. DEPTH IN BEARING MATERIAL	2'–0"

WOOD

1. SAWN LUMBER SHALL BE DOUGLAS FIR– LARCH CONFORMING TO THE 2025 CBC SECTION 2303 AND APA/AWC NDS–2018 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (AND CONSTRUCTION (AND SUPPLEMENT) REVISED 2018, AND SHALL BE GRADE MARKED BY EITHER WCLIB OR WWPA.
2. SAWN STRUCTURAL FRAMING MEMBERS SHALL BE AS FOLLOWS (U.N.O):

MEMBERS	GRADE
2x WALL STUDS @ 16"	D.F. #2
2x FLOOR JOISTS & ROOF RAFTERS	D.F. #1
BEAMS & HEADERS (4x, 6x, 8x)	D.F. #1
POSTS (4x, 6x, 8x)	D.F. #1

3. ALL SILL PLATES BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED DOUGLAS FIR.
4. ALL SILLS PLATES BEARING ON CONCRETE OR MASONRY SHALL HAVE ANCHOR BOLTS PER SHEARWALL SCHEDULE. ELSEWHERE, INSTALL 5/8" x 12" LONG L–BOLTS (9" MIN.EMBEDMENT INTO FTG.) PLACED WITHIN 12" MAX. (4–1/2" MIN.) FROM EACH END OR SPLICE, WITH 48" MAX. SPACING, MIN. 2 ANCHOR BOLTS PER EACH PANEL.
5. SILL PLATES OF INTERIOR, NON–BEARING, NON–SHEAR WALLS MAY BE FASTENED TO A CONCRETE SLAB USING HILTI "X–2F72" LOW VELOCITY POWDER–ACTUATED FASTENERS (ICC–ESR–1663). CONCRETE SLAB IS TO BE NORMAL WEIGHT CONCRETE AND CURED AT LEAST 7 DAYS. PLACE FASTENERS 6" FROM ENDS OF SILL AND AT 36" (MAX.) SPACING BETWEEN.
6. ORIENTED STRAND BOARD AND PLYWOOD SHEATHING SHALL CONFORM TO: U.S. PRODUCT STANDARDS PS1–09 OR PS2–10, APA PERFORMANCE STANDARD PRP 108, AND 2025 CBC 2303.1.5 U.N.O., THE MINIMUM GRADES AND SPAN INDEXES SHALL BE AS FOLLOWS:

USE	MIN. GRADE	SPAN RATING
ROOF SHEATHING	APA RATED SHEATHING, EXP. 1	24" MIN
FLOOR SHEATHING	APA–RATED STURD–I–FLOOR T&G	24" MIN.
WALL SHEATHING	PER SHEARWALL SCHEDULE, MIN. APA RATED SHEATHING, EXP. 1	(N/A)

7. GLUED LAMINATED TIMBERS SHALL BE FABRICATED IN ACCORDANCE WITH ANSI/AITC A190.1–2052 "STRUCTURAL GLUED LAMINATED TIMBER", AITC 117 OR APA–EWS 117, AND ASTM D3737–89a. EXTERIOR GLUE TO BE USED WITH INTENDED DRY USE CONDITION PER 2025 NDS SECT 5.1.4.1. COMBINATIONS AND USES SHALL BE AS FOLLOWS:

KEY	COMBINATION NO.	USE
24F–V4	EWS 24F–V4 DF/DF	SIMPLE SPAN
24F–V8	EWS 24F–V8 DF/DF	CONTINUOUS & CANTILEVERS

8. FOR STRUCTURAL GLUE–LAMINATED TIMBER MEMBERS, AN AITC CERTIFICATION OF CONFORMANCE OR A CERTIFICATE OF CONFORMANCE ISSUED BY A CURRENT ICBO APPROVED QUALITY CONTROL AGENCY, MUST BE SUBMITTED TO THE BUILDING INSPECTOR PRIOR TO INSTALLATION. THE MAXIMUM MOISTURE CONTENT OF THE LAMINATIONS AT TIME OF MANUFACTURE SHALL NOT EXCEED 16% FOR DRY CONDITIONS OF USE.
9. LVL, PSL, AND LSL ENGINEERED WOOD MEMBERS SHALL BE PER TRUSJOIST MACMILLAN A ICC –ESR–1387, MICROLAMS, PARALLAMS, AND TIMBERSTRAND RESPECTIVELY. ALTERNATE MUST BE ICC–APPROVED AND REVIEWED BY STRUCTURAL ENGINEER.
10. WOOD I–JOISTS SHALL BE IN COMPLIANCE WITH THE FOLLOWING STANDARDS:

I–JOIST MANUF.	STANDARDS
TRUS–JOIST MACMILLAN	ICC–ESR–1387 (TJI, TJL/PRO MEMBERS)
ALL OTHERS	ASTM D5055, APA FORM QM–3005

11. FRAMING ANCHORS, POST CAPS, COLUMN BASES, AND OTHER CONNECTORS SPECIFIED ON DRAWINGS SHALL BE AS MANUFACTURED BY "SIMPSON STRONG–TIE" OR AN ENGINEER–APPROVED EQUAL. ALL CONNECTORS TO BE FULLY NAILED OR BOLTED AS SPECIFIED PER MANUF.
12. BARS AND PLATES SHALL CONFORM TO ASTM A36. BOLTS, UNLEADED BOLTS, WASHERS AND DRIFT BOLTS SHALL CONFORM TO ASTM A 307.
13. NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 563, GRADE A.
14. ALL BOLT HEADS (MACHINE AND LAG) AND NUTS BEARING ON WOOD SHALL HAVE STANDARD WASHERS, U.N.O.
15. MACHINE BOLT (THRU–BOLT) HOLES IN WOOD SHALL BE DRILLED A MINIMUM 1/32" & MAXIMUM 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER
16. LEAD HOLES FOR LAG SCREWS GREATER THAN 3/8" SHALL BE BORED AS FOLLOWS: 40% – 70% OF THE SHANK DIAMETER AND A LENGTH EQUAL TO AT LEAST THE LENGTH OF THE THREADED PORTION. CLEARANCE HOLES FOR THE SHANK SHALL HAVE THE SAME DIAMETER AS THE SHANK AND THE SAME DEPTH OF PENETRATION AS THE LENGTH OF UNTHREADED SHANK. LAG SCREWS SHALL BE INSERTED BY TURNING WITH A WRENCH, NOT BY DRIVING WITH A HAMMER.
17. NAILING OF SAWN MEMBERS SHALL CONFORM TO THE 2025 CBC TABLE 2304.10.1 ON SN–2, U.N.O. ON THE STRUCTURAL DETAILS.
18. NAILS HOLES SHALL BE PRE–DRILLED WHEN NECESSARY TO PREVENT SPLITTING.
19. CUSTOM STEEL HARDWARE CONNECTORS FOR WOOD OR GLUED LAMINATED TIMBER SHALL BE FABRICATED FROM STEEL CONFORMING TO ASTM A 36. WELDS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1–2010.
20. HORIZONTAL DIAPHRAGM NAILING SHALL CONFORM TO 2025 CBC TABLE 2306.2(1) STRUCTURAL PANEL SHEARWALLS SHALL CONFORM TO 2025 CBC TABLE 2306.3(1) NOMENCLATURE IS DEFINED AS FOLLOWS (PER DETAILS):
    BN = BOUNDARY NAILING AT DIAPHRAGM BOUNDARIES, AND AT EDGES OF OPENINGS
    EN = EDGE NAILING, AT CONTINUOUS PANEL EDGES
    FN = FIELD NAILING, AT INTERMEDIATE FRAMING MEMBERS
21. WHERE DIAPHRAGM BLOCKING IS SPECIFIED FOR ROOFS OR FLOORS, USE 2x4 FLAT BLOCKING WITH "Z" CLIPS, U.N.O.
22. HORIZONTAL SHEATHING SHALL BE CONTINUOUS OVER TWO OR MORE SPANS, AND THE FACE GRAIN (LONG DIRECTION) OF SHEATHING SHALL BE PERPENDICULAR TO SUPPORT MEMBERS.
23. SIMPLE SPAN WOOD MEMBERS, NOT SHOP CAMBERED, SHALL BE ERECTED WITH THE NATURAL CAMBER UP. FOR CANTILEVERED WOOD MEMBERS, CONSULT WITH PROJECT STRUCTURAL ENGINEER.

WOOD CONT.

24. SPECIAL PROVISIONS FOR SHEAR WALLS WITH SHEATHING ON BOTH SIDES (WHERE SPECIFICALLY INDICATED ON PLANS):
    A. SILL PLATE SHALL BE 3x P.T.D.F. MIN.
    B. ALL STUDS AND BLOCKING AT PANEL EDGES SHALL BE 3x MIN.
    C. ALL OTHER INTERMEDIATE STUDS SHALL BE 2x @ 16".
    D. END POSTS (OR COLUMNS) SHALL BE AS SPECIFIED ON THE DRAWINGS.
    E. BOTH VERTICAL AND HORIZONTAL INTERIOR PANEL JOINTS ON OPPOSITE SIDES OF THE WALL SHALL BE STAGGERED.
    F. THE SHEATHING ON THE FIRST SIDE MUST BE NAILED BEFORE THE FRAMING INSPECTION. THE SHEATHING ON THE OTHER SIDE MUST BE INSTALLED AND INSPECTED PRIOR TO INSTALLATION OF WALL SURFACE COVERING.
    G. NO PENETRATIONS OR NOTCHES ARE PERMITTED OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
25. PROVIDE DOUBLE 2x STUDS TO SUPPORT ALL BEAMS, UNLESS POSTS ARE SPECIFIED ON THE PLANS.
26. DOUBLE BLOCK UNDER ALL POSTS. DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS, UNLESS OTHERWISE SPECIFIED.
27. TOP PLATES OF ALL WOOD STUD WALLS SHALL BE 2–2x (SAME WIDTH AS STUDS), LAP 48"(MIN.), WITH AT LEAST 12–16d NAILS AT EACH SIDE OF LAP AND NOT MORE THAN 6" BETWEEN NAILS (SEE PLANS IF STRAPS ARE REQUIRED).
28. NOTCHING OF BEAMS OR JOISTS SHALL BE PERMITTED ONLY PER 2025 NDS SECTION 3.2.3.2, DETAILED AND APPROVED BY THE ENGINEER. HOLES DRILLED IN JOISTS SHALL NOT BE WITHIN 2 INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER SHALL NOT EXCEED ONE THIRD THE DEPTH OF THE JOIST.
29. MOISTURE CONTENT OF SAWN LUMBER AT TIME OF PLACEMENT SHALL NOT EXCEED 19%
30. DIAPHRAGM SHEATHING NAILS OR OTHER APPROVED SHEATHING CONNECTORS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN IS FLUSH WITH THE SURFACE OF THE SHEATHING.
31. ALL FASTENERS IN PRESERVATIVE–TREATED & FIRE–RETARDANT–TREATED WOOD SHALL BE OF HOT DIPPED ZINC–COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. THE COATING WEIGHTS FOR ZINC–COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A 153. FASTENERS OTHER THAN NAILS, TIMBER RIVETS, WOOD SCREWS AND LAG SCREWS SHALL BE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC COATED STEEL WITH COATING WEIGHTS IN ACCORDANCE WITH ASTM B 695, CLASS 55 MINIMUM.
32. ROOF DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING. FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORTS. FLOOR SHALL HAVE TONGUE AND GROOVE OR BLOCKED PANEL EDGES. PLYWOOD SPANS SHALL CONFORM TO 2018 NDS & 2022 CBC REQUIREMENTS.
33. ALL DIAPHRAGM AND SHEAR WALL NAILING SHALL UTILIZE COMMON NAILS OR GALVANIZED BOX.

FIRE PROOFING

1. PROVIDE A CLASS A ROOF COVERING FOR ALL BUILDINGS.
2. ALL VALLEY FLASHINGS SHALL BE NOT LESS THAN 0.019 (0.48 mm) (NO. 26 GALVANIZED SHEET GAGE) CORROSION–RESISTANT METAL INSTALLED OVER A MINIMUM 36 INCH–WIDE (914 mm) UNDERLAYMENT CONSISTENT OF ONE LAYER NO. 72 ASTM CAP SHEET RUNNING THE FULL LENGTH OF THE VALLEY. (705A.3)
3. ROOF GUTTERS SHALL BE PROVIDED WITH THE MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER. (705A.4)
4. ROOF VENTS SHALL RESIST THE INTRUSION OF FLAME AND EMBERS INTO THE ATTIC AREA OF THE STRUCTURE, OR SHALL BE PROTECTED BY CORROSION–RESISTANT, NONCOMBUSTIBLE WIRE MESH WITH 1/4–INCH (6mm) OPENINGS OR ITS EQUIVALENT. VENTS SHALL NOT BE INSTALLED IN EAVES AND CORNICES. (706A.1, 706A.2, 706A.3, 7207.3)
5. EAVES AND SOFFITS SHALL MEET THE REQUIREMENTS OF SFM 12–7A–3 OR SHALL BE PROTECTED BY IGNITION–RESISTANT MATERIALS OR NONCOMBUSTIBLE CONSTRUCTION ON THE EXPOSED UNDERSIDE. (707A.5.5)
6. EXTERIOR WALLS SHALL BE APPROVED NONCOMBUSTIBLE OR IGNITION–RESISTANT MATERIAL, HEAVY TIMBER OR LOG WALL CONSTRUCTION OR SHALL PROVIDE PROTECTION FROM THE INTRUSION OF FLAMES AND EMBERS IN ACCORDANCE WITH STANDARD SFM 12–7A–1 (704A.3.1)
7. EXTERIOR WALL COVERINGS SHALL EXTEND FROM THE TOP OF FOUNDATION TO THE ROOF, AND TERMINATE 2–INCH (50.8 mm) NOMINAL SOLID WOOD BLOCKING BETWEEN RAFTERSAT ALL ROOF OVERHANGS, OR IN CASE OF ENCLOSED EAVES, TERMINATE AT THE ENCLOSURE. (704A.3.1)
8. EXTERIOR WINDOWS, WINDOW WALLS, GLAZE DOORS, AND GLAZED OPENINGS WITHIN EXTERIOR DOORS SHALL BE INSULATING–GLASS UNITS WITH A MINIMUM OF ONE TEMPERED PANE, OR GLASS BLOCK UNITS OR HAVE A FIRE–RESISTANCE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO ASTM E 2010, OR CONFORM TO THE PERFORMANCE REQUIREMENTS OF SFM 12–7A–2 (708A.2.1)
9. EXTERIOR DOOR ASSEMBLIES SHALL CONFORM TO THE PERFORMANCE REQUIREMENTS OF STANDARD SFM 12–7A–1 OR SHALL BE APPROVED NONCOMBUSTIBLE CONSTRUCTION, OR SOLID CORE WOOD HAVING STILES AND RAILS NOT LESS THAN 1 3/8 INCHES THICK WITH INTERIOR FIELD PANEL THICKNESS NO LESS THAN 1 1/4 INCHES THICK, OR SHALL HAVE A FIRE–RESISTANCE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO ASTM E 2074. (EXCEPTION: NONCOMBUSTIBLE OR EXTERIOR FIRE RETARDANT TREATED WOOD VEHICLE ACCESS DOORS) (708A.3)
10. DECKING, SURFACES, STAIR TREADS, RISERS, AND LANDINGS OF DECKS, PORCHES, AND BALCONES WHERE ANY PORTION OF SUCH SURFACE IS WITHIN 10 FEET (304.8 mm) OF THE PRIMARY STRUCTURE SHALL BE CONSTRUCTED OF HEAVY TIMBER, NON–COMBUSTIBLE OR OTHER APPROVED MATERIALS PER SEC. 709A.3.
11. THE UNDERSIDE OF CANTILEVERED AND OVERHANGING APPENDAGES AND FLOOR PROJECTIONS SHALL MAINTAIN THE IGNITION–RESISTANT INTEGRITY OF THE EXTERIOR WALLS, OR THE PROJECTION SHALL BE ENCLOSED TO THE GRADE. (707A.8)

GENERAL NOTES

1. ALL CONSTRUCTION, INCLUDING MATERIAL AND WORKMANSHIP, SHALL CONFORM TO THE PROVISIONS OF THE 2025 EDITION OF THE CALIFORNIA BUILDING CODE (CBC), WITH THE GOVERNING AGENCY AMENDMENTS AND STANDARDS REFERENCED THEREIN. WHEREVER CODE OR IBC IS REFERENCED IN THE FOLLOWING GENERAL NOTES OR OTHER NOTE SECTIONS, IT SHALL IMPLY THE IBC REFERENCED ABOVE. ALL PROJECTS LOCATED IN THE STATE OF CALIFORNIA SHALL CONFORM TO THE 2025 CALIFORNIA BUILDING CODE (CBC) AND REFER TO THE CBC IN LIEU OF THE AFOREMENTIONED CBC.
2. ALL ASTM STANDARDS LISTED HEREIN SHALL BE AS REFERENCED IN THE LATEST ISSUE OF THE THE ANNUAL BOOK OF STANDARDS OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
3. THE CONTRACTORS SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR STARTING WORK. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL IMMEDIATELY BE NOTIFIED IN WRITING OF DISCREPANCIES.
4. ALL OMISSIONS AND/OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER, ARCHITECT, AND FIELD INSPECTOR. THE ARCHITECT OR STRUCTURAL ENGINEER SHALL PROVIDE A SOLUTION PRIOR TO PROCEEDING WITH ANY WORK AFFECTED BY THE CONFLICT OR OMISSION.
5. IN CASE OF CONFLICT, NOTES AND DETAILS OF THESE STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES AND/OR STANDARD DETAILS SHOWN ON SHEET SD–1. TYPICAL DETAILS SHALL BE USED WHENEVER APPLICABLE.
6. IF A SPECIFIC DETAIL IS NOT SHOWN FOR ANY PART OF THE WORK, THE CONSTRUCTION SHALL BE THE SAME AS FOR SIMILAR WORK.
7. WORKING DIMENSIONS SHALL NOT BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THESE STRUCTURAL DRAWINGS.
8. THE CONTRACTORS SHALL PROVIDE AND MAINTAIN ADEQUATE SHORING AND BRACING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION.
9. PIPES, DUCTS, SLEEVES, OPENINGS, POCKETS, BLOCK–OUTS, ETC. SHALL NOT BE PLACED IN SLABS, BEAMS, GIRDERS, COLUMNS, WALLS, FOUNDATIONS, ETC. NOR SHALL ANY STRUCTURAL MEMBER BE CUT FOR SUCH ITEMS, UNLESS SPECIFICALLY DETAILED ON THESE STRUCTURAL DRAWINGS. IF ANY PIPES, DUCTS, CONDUIT, ETC. ARE PLACED THAT ARE NOT SHOWN ON THESE STRUCTURAL DRAWINGS, THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE NOTIFIED (SEE PARAGRAPH 4 ABOVE).
10. ANCHOR BOLTS OR INSERTS FOR EQUIPMENT ANCHORAGE OR INSTALLATION SHALL BE DESIGNED FOR SEISMIC ZONE E BY A CIVIL ENGINEER OR STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA AND SHALL BE IDENTIFIED ON THE MECHANICAL OR ELECTRICAL SHOP DRAWINGS.
11. THE CONTRACTORS SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTORS SHALL DEFEND, INDEMNIFY, AND HOLD THE STRUCTURAL ENGINEER FREE AND HARMLESS FROM ALL CLAIMS, DEMANDS AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE STRUCTURAL ENGINEER.
12. IF THE CONTRACTOR PROPOSES ANY SUBSTITUTION, NEW CALCULATIONS AND DETAILS MAY HAVE TO BE PREPARED, EXISTING DETAILS MAY HAVE TO BE ALTERED, AND NEW DRAWINGS MAY HAVE TO BE SUBMITTED TO THE BUILDING DEPT. THE CONTRACTOR SHALL PAY THE STRUCTURAL ENGINEER'S FEES TO ALTER THE APPROVED PLANS. THE CONTRACTOR SHALL ALSO PROCESS THE REVISED PLANS REFLECTING ALL SUBSTITUTIONS THROUGH THE APPROPRIATE OFFICE OF ALL GOVERNING AGENCIES.
13. CONTRACTORS RESPONSIBLE FOR THE CONSTRUCTION OF A WIND OR SEISMIC FORCE RESISTING SYSTEM/COMPONENT LISTED IN THE "STATEMENT OF SPECIAL INSPECTION" SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE LOCAL BUILDING JURISDICTION INSPECTORS AND THE OWNER PRIOR TO THE COMMENCEMENT OF THE WORK ON SUCH SYSTEM OR COMPONENT PER SEC 1709.1.
14. CONTINUOUS SPECIAL INSPECTION BY A REGISTERED DEPUTY INSPECTOR IS REQUIRED FOR FIELD WELDING, CONCRETE STRENGTH f'c> 2500 psi, HIGH STRENGTH BOLTING, SPRAYED ON FIREPROOFING,ENGINEERED MASONRY, HIGH LIFT GROUTING,PRE–STRESSED CONCRETE, HIGH LOAD DIAPHRAGMS AND SPECIAL MOMENT–RESISTING CONCRETE FRAMES.(1704 & CHAP. 19, 21 & 22)
15. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR WOOD SHEAR WALLS, SHEAR PANELS, AND DIAPHRAGMS, INCLUDING NAILING, BOLTING, ANCHORING, AND OTHER FASTENING TO COMPONENTS OF THE SEISMIC FORCE RESISTING SYSTEM. SPECIAL INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED WHERE THE FASTENER SPACING OF THE SHEATHING IS 4 INCHES ON CENTER OR LESS. (1707.12.2)
16. A COPY OF ICC–ES–ESR REPORT AND/OR CONDITIONS OF LISTING SHALL BE AT THE JOB SITE.

SHEET INDEX:

SN–1 STRUCTURAL NOTES
SN–2 STRUCTURAL NOTES
S–1 FOUNDATION PLAN
S–2 FRAMING PLAN
SD–1 TYPICAL STRUCTURAL DETAILS
SD–2 FOUNDATION DETAILS
SD–3 STRUCTURAL DETAILS

ST

STRUCTURAL OBSERVATION PROGRAM:

STRUCTURAL OBSERVATION SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 1704.6 OF THE CALIFORNIA BUILDING CODE (2025) FOR THIS PROJECT. STRUCTURAL OBSERVATION MEANS VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS AT SIGNIFICANT CONSTRUCTION STAGES AND THE COMPLETION OF THE STRUCTURAL SYSTEM.

NAME OF THE PERSON RESPONSIBLE TO PERFORM THE REQUIRED STRUCTURAL OBSERVATIONS:

NAME: RANDY TOEDTER
TITLE: ENGINEERING MANAGER
LICENSE OR REGISTRATION NO.: SE 2991
ADDRESS: 603 E MAIN STREET STE. A, PO BOX 1025, SANTA PAULA, CA 93061
PHONE NO.: (805) 671-9811

STRUCTURAL OBSERVATION REQUIREMENTS:

1. PRE-CONSTRUCTION MEETING PRIOR TO CONSTRUCTION COMMENCEMENT. THE STRUCTURAL OBSERVER, AS OWNER'S REPRESENTATIVE, SHALL ATTEND THE SITE PRE-CONSTRUCTION MEETING. A PORTION OF THE MEETING WILL BE DEDICATED FOR THE STRUCTURAL OBSERVER TO IDENTIFY THE MAJOR STRUCTURAL ELEMENTS AND CONNECTIONS THAT AFFECT VERTICAL AND LATERAL LOAD SYSTEMS OF THE STRUCTURE, OUTLINE THE SCHEDULE FOR STRUCTURAL OBSERVATIONS AND WORK AFFECTED BY THE CONFLICT OR OMISSION.

   THOSE REQUIRED TO ATTEND THE PRE-CONSTRUCTION MEETING INCLUDE:
   a. OWNER OR OWNER'S REPRESENTATIVE;
   b. ENGINEER OR ARCHITECT RESPONSIBLE FOR STRUCTURAL DESIGN;
   C. STRUCTURAL OBSERVER;
   d. GENERAL CONTRACTOR;
   e. AFFECTED SUBCONTRACTORS;
   f. SPECIAL INSPECTOR;
   g. BUILDING INSPECTOR

2. STRUCTURAL ELEMENTS REQUIRING OBSERVATION: THE FOLLOWING STRUCTURAL ELEMENTS WILL REQUIRE STRUCTURAL OBSERVATION:

	ELEMENT	ITEMS TO BE OBSERVED
☒	FOUNDATIONS	SIZE, GRADE, & PLACEMENT OF REINFORCEMENT, ANCHOR BOLT SIZE & SPACING AND HOLD-DOWN ANCHOR SIZE & LOCATION.
☒	PILES AND GRADE BEAMS	SIZE, GRADE, & PLACEMENT OF REINFORCEMENT, AND STRENGTH OF CONCRETE MIX
☒	SHEARWALLS (WOOD)	PANEL THICKNESS & LENGTH, NAIL SIZE & SPACING, ANCHOR BOLT WASHERS, HOLD-DOWN ANCHORS AND SHEAR TRANSFER ELEMENTS
☐	RETAINING WALL	SIZE, GRADE, & PLACEMENT OF REINFORCEMENT, AND STRENGTH OF CONCRETE MIX
☒	STRUCTURAL STEEL	CANTILEVER COLUMN AND STEEL BENT
☒	DIAPHRAGMS AND DRAG TIES	PANEL THICKNESS, NAIL SIZE AND SPACING AND STRAP TYPE, LENGTH & NAILING
☒	SHEAR TRANSFER CONNECTIONS	NAIL SIZE & SPACING, BLOCKING ARRANGEMENTS AND MANUFACTURER HARDWARE TYPE & SPACING
☒	VERTICAL LOAD SUPPORTING ELEMENTS	BEAMS, CONNECTIONS, HARDWARE AND COLUMNS
☐	SHORING	SIZE, PLACEMENT OF STRUCTURAL STEEL & REINFORCING

3. WRITTEN VERIFICATION OF STRUCTURAL OBSERVATION – THE STRUCTURAL OBSERVER SHALL PREPARE A REPORT FOR EACH STAGE OF CONSTRUCTION OBSERVED. OBSERVED DEFICIENCIES SHALL BE CLEARLY NOTED ON THE REPORT AND ALL REMEDIAL ACTION REQUIRED TO CORRECT THE CONDITION SHALL BE ATTACHED THERETO. REMEDIAL WORK MAY REQUIRE REVIEW AND APPROVAL BY BY THE BUILDING DEPARTMENT. AFTER THE REMEDIAL WORK IS COMPLETE THE STRUCTURAL OBSERVER SHALL INDICATE THAT THE WORK WAS COMPLETED TO THE SATISFACTION OF THE STRUCTURAL OBSERVER.

   COPIES OF ALL STRUCURAL OBSERVATION FORMS SHALL BE SUBMITTED TO THE FOLLOWING:
   a. OWNER OR OWNER'S REPRESENTATIVE;
   b. ENGINEER OR ARCHITECT RESPONSIBLE FOR STRUCTURAL DESIGN;
   C. BUILDING INSPECTOR (ORIGINAL WITH WET SIGNATURE);
   d. GENERAL CONTRACTOR;
   e. SPECIAL INSPECTOR

4. NO BUILDING & SAFETY DIVISION INSPECTIONS WILL BE PERFORMED PRIOR TO SUBMITTAL OF THE STRUCTURAL OBSERVATION REPORT FOR THAT STAGE OF CONSTRUCTION.

5. STRUCTURAL OBSERVATION DOES NOT WAIVE THE REQUIREMENT FOR THE SPECIAL INSPECTIONS OR BUILDING & SAFETY DIVISION INSPECTIONS AS REQUIRED IN THE BUILDING CODE.

EARTHQUAKE DESIGN DATA

	MAIN BLDG
SEISMIC IMPORTANCE FACTOR (I)	1.0
MAPPED SPECTRAL RESPONSE ACCEL'S (Ss & S1)	2.18 g & 0.73 g
SITE CLASS	D
SPECTRAL RESPONSE COEFFICIENTS (Sds & Sd1)	1.54 g & 1.13 g
SEISMIC RISK CATEGORY	II
SEISMIC DESIGN CATEGORY	E
BASIC SEISMIC-FORCE-RESISTING SYSTEM	A-15 (WOOD SHEAR WALLS)
SEISMIC RESPONSE COEFFICIENT – Cs (ASD)	0.268
RESPONSE MODIFICATION FACTORS (R)	6.5
REDUNDANCY FACTOR	1.0
DESIGN BASE SHEAR (ASD)	3,222 LBS
DESIGN LOAD BEARING VALUE OF SOILS	1,500 PSF

SEISMIC BASE SHEER – EQUIVALENT LATERAL FORCE PROCEDURE
(ASCE 7-16 SECTION 12.8.1)

NORTH-SOUTH	=440 PLF
EAST-WEST	=330 PLF
REDUNDANCY COEFFICIENT	=1.3

STRUCTURAL DESIGN LOADS

ROOF DESIGN LOADS:		FLOOR DESIGN LOADS:	
ROOFING	12 PSF	FLOORING DEAD LOAD	2 PSF
SHEATHING	2 PSF	FLOOR SHEATHING	2 PSF
RAFTERS/TRUSSES	3 PSF	FLOOR JOIST/T&G'S	2.5 PSF
CEILING JOISTS	1 PSF	CEILING DRYWALL	2 PSF
SOLAR (NA)	2 PSF	PARTITION LOADS	0 PSF
MISC.	0 PSF	FIRE SPRINKLERS	1.5 PSF
TOTAL ROOF DEAD LOAD	20 PSF	MISC.	0 PSF
TOTAL ROOF LIVE LOAD	20 PSF	TOTAL FLOOR DEAD LOAD	10 PSF
TOTAL ROOF LOADING	**40 PSF**	MEZZANINE LIVE LOAD	100 PSF
		TOTAL FLOOR LOADING	**135 PSF**
		DECK LIVE LOAD	60 PSF

INTERIOR WALLS:
DL = 7 psf

EXTERIOR WALL DEAD LOADS:
DL = 16 PSF

WIND LOADS

(BASED ON ASCE 7-16 SECTION 6.4 MWFRS)

NORTH-SOUTH WIND SPEED	178 PLF
EAST-WEST WIND SPEED	356 PLF
RISK CATEGORY	II
WIND EXPOSURE	B

FASTENING SCHEDULE (TABLE 2304.10.1, 2022 CBC)

	ELEMENT/CONNECTION	FASTENING	LOCATION
	ROOF		
1	BLOCKING BETWEEN RAFTERS, JOISTS, OR TRUSSES OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	3 – 8d COMMON (3" x 0.131") OR 3 – 10d BOX (3"x0.128") OR 3 – 3" x 0.131" NAILS OR 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL EACH END
	BLOCKING BETWEEN RAFTERS OR TRUSSES NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	3 – 8d COMMON (3" x 0.131") OR 3 – 10d BOX (3" x 0.128") OR 3 – 3" x 0.131" NAILS OR 3 – 3" 14 GAGE STAPLES OR 3 – 3" x 0.120" (0.162") WIRE STAPLES OR 3 – 16 GAGE STAPLES	TOENAIL EACH END
	FLAT BLOCKING TO TRUSS AND WEB FILLER	3 – 8d COMMON (3" x 0.131") OR 3 – 3" x 0.131" NAILS OR 3 – 3" 14 GAGE STAPLES	END NAIL
2	CEILING JOIST TO TOP PLATE	3 – 8d COMMON (3" x 0.131") OR 3 – 10d BOX (3" x 0.128") OR 3 – 3" x 0.131" NAILS OR 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL EACH END
3	CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS (NO TENSION) (TABLE AND SECTION 2308.7.3.1)	4 – 10d COMMON 4 – 10d BOX 4 – 3" x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
4	CEILING JOIST ATTACHED TO PARALLEL ROOF RAFTER (MIN. 42MD) (TABLE AND SECTION 2308.7.3.1)	TABLE 2308.7.3.1	FACE NAIL
5	COLLAR TIE TO RAFTER	3 – 10d COMMON 4 – 10d BOX 4 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
6	RAFTER OR ROOF TRUSS TO TOP PLATE (TABLE AND SECTION 2308.7.3)	3 – 10d COMMON 3 – 16d BOX 3 – 10d BOX 3 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL [E]
7	ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTER TO 2" RIDGE BEAM	3 – 16d COMMON 4 – 10d BOX 3 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
		3 – 16d COMMON 4 – 10d BOX 3 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
	WALL		
8	STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON	24" O.C. FACE NAIL
		10d BOX (3" x 0.128") NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
9	STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d COMMON	16" O.C. FACE NAIL
		16d COMMON	12" O.C. FACE NAIL
		3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
10	BUILT UP HEADER	16d COMMON	16" O.C. EACH EDGE, FACE NAIL
		16d BOX	12" O.C. EACH EDGE, FACE NAIL
11	CONTINUOUS HEADER TO STUD	4 – 8d COMMON 4 – 10d BOX	TOENAIL
12	TOP PLATE TO TOP PLATE	16d COMMON	16" O.C. FACE NAIL
		10d BOX (3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
13	TOP PLATE TO TOP PLATE AT END JOINTS	2 – 16d COMMON 3 – 10d BOX 3 – 3" x 0.131" NAILS 12 – 3" 14 GAGE STAPLES, 7/16" CROWN	EACH SIDE OF END JOINT, FACE NAIL (MIN. 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT
14	BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON	16" O.C. FACE NAIL
		16d BOX (3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
15	BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING AT BRACED WALL PANELS	3 – 16d COMMON 4 – 10d BOX 3 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
16	STUD TO TOP OR BOTTOM PLATE	4 – 16d COMMON 4 – 10d BOX 3 – 3" x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
		2 – 16d COMMON 3 – 10d BOX 3 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
17	TOP OR BOTTOM PLATE TO STUD	2 – 16d COMMON 3 – 10d BOX 3 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
18	TOP PLATES, LAPS AT CORNERS AND INTERSECTION	2 – 16d COMMON 3 – 10d BOX 3 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
19	1" BRACE TO EACH STUD AND PLATE	2 – 8d COMMON 3 – 10d BOX 2 – 3" x 0.131" NAILS 2 – 3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
20	1"x6" SHEATHING TO EACH BEARING	2 – 8d COMMON 3 – 10d BOX	FACE NAIL
21	1"x8" AND WIDER SHEATHING TO EACH BEARING	3 – 8d COMMON 3 – 10d BOX	FACE NAIL
	FLOOR		
22	JOIST TO SILL, TOP PLATE, OR GIRDER	3 – 8d COMMON 3 – 10d BOX 3 – 3" x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
23	RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON 10d BOX (3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	6" O.C., TOENAIL
24	1"x8" SHEATHING TO EACH BEARING	2 – 8d COMMON 3 – 10d BOX	FACE NAIL
25	2" SUBFLOOR TO JOIST OR GIRDER	2 – 16d COMMON	FACE NAIL
26	2" PLANK	2 – 16d COMMON	EACH BEARING, FACE NAIL
27	BUILT UP GIRDERS AND BEAMS, 2" LUMBER LAYERS	20d COMMON	32" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
		10d BOX (3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	24" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
		BIM	ENDS AND AT EACH SPLICE, FACE NAIL
28	LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	3 – 10d COMMON 4 – 10d BOX 3 – 3" x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	EACH JOIST OR RAFTER, FACE NAIL
29	JOIST TO BAND JOIST OR RIM JOIST	3 – 16d COMMON 4 – 10d BOX 3 – 3" x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
30	BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	2 – 8d COMMON 3 – 10d BOX 2 – 3" x 0.131" NAILS 2 – 3" 14 GAGE STAPLES, 7/16" CROWN	EACH END, TOENAIL
	WOOD STRUCTURAL PANEL SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING		
31	⅜" – ½"	6d COMMON OR DEFORMED (2"x 0.113" SUBFLOOR AND WALL) 8d BOX OR DEFORMED (ROOF) 2" 16 GA 0.131" THK. SUBFLOOR AND WALL) 1 ¾" 16 GAGE STAPLE, ⅞" CROWN 2" 16 GA 0.131" THK. ROOF)	6" EDGE 12" INTERMEDIATE SUPPORT
		1 ¾" 16 GAGE STAPLE, ⅞" CROWN (ROOF)	3" EDGE 6" INTERMEDIATE SUPPORT
32	⅝" – ¾"	8d COMMON OR DEFORMED 2 ¼" 16 GA 0.131" THK. SUBFLOOR AND WALL 2" 16 GAGE STAPLE ⅞" CROWN	6" EDGE 12" INTERMEDIATE SUPPORT 4" EDGE 8" INTERMEDIATE SUPPORT
33	¾" – 1"	10d COMMON OR DEFORMED	6" EDGE 12" INTERMEDIATE SUPPORT
	OTHER EXTERIOR WALL SHEATHING		
34	½" FIBERBOARD SHEATHING [B]	1 ½" GALVANIZED ROOF NAIL 1 ¾" GALVANIZED STAPLE WITH ⅞" OR 1" CROWN	3" EDGE 6" INTERMEDIATE SUPPORT
35	25/32" FIBERBOARD SHEATHING [B]	1 ¾" GALVANIZED ROOF NAIL 2" 16 GAGE STAPLE WITH ⅞" OR 1" CROWN	3" EDGE 6" INTERMEDIATE SUPPORT
	WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING		
36	¾" AND LESS	1 ¾" GALVANIZED ROOF NAIL 2" 16 GAGE STAPLE WITH ⅞" OR 1" CROWN	6" EDGE 12" INTERMEDIATE SUPPORT
37	⅞" – 1"	8d COMMON OR DEFORMED	6" EDGE 12" INTERMEDIATE SUPPORT
38	1 ⅛" – 1 ¼"	10d COMMON OR DEFORMED	6" EDGE 12" INTERMEDIATE SUPPORT
	PANEL SIDING TO FRAMING		
39	½" OR LESS	6d CORROSION-RESISTANT SIDING 8d CORROSION-RESISTANT SIDING	6" EDGE 12" INTERMEDIATE SUPPORT
40	⅝"	6d CORROSION-RESISTANT SIDING 8d CORROSION-RESISTANT SIDING	6" EDGE 12" INTERMEDIATE SUPPORT
	INTERIOR PANELING		
41	¼"	4d CASING 4d FINISH	6" EDGE 12" INTERMEDIATE SUPPORT
41	⅜"	6d CASING 6d FINISH	6" EDGE 12" INTERMEDIATE SUPPORT

FOR SI: 1" = 25.4mm.
A. NAILS SPACED AT 6" o.c. AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 48" OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2306. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.
B. SPACING SHALL BE 6" ON CENTER ON THE EDGE AND 12" ON CENTER AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS. PANEL SUPPORTS AT 16" (406 MM) O.C. MINIMUM ARE 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 RAFTER IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.
D. RSRS-1 IS A ROOF SHEATHING SHANK NAIL MEETING THE SPECIFICATIONS IN ASTM F1667.

SPECIAL INSPECTION SUMMARY:

CONTINUOUS INSPECTION (U.N.O.) SHALL BE PERFORMED BY QUALIFIED SPECIAL INSPECTORS RETAINED BY OWNER AND APPROVED BY THE BUILDING OFFICIAL TO ACT AS A SPECIAL INSPECTOR FOR THE FOLLOWING:

1 CONCRETE
2 BOLTS INSTALLED IN CONCRETE
3 SPECIAL MOMENT-RESISTING CONCRETE FRAME
4 REINFORCING STEEL & PRESTRESSING STEEL TENDONS
5.1 ALL STRUCTURAL WELDING
5.2 SPECIAL MOMENT-RESISTING STEEL FRAME
5.3 WELDING REINFORCING STEEL
6 HIGH-STRENGTH BOLTING
7 STRUCTURAL MASONRY
8 REINFORCED GYPSUM CONCRETE
9 INSULATING CONCRETE FILL
10 SPRAY-APPLIED FIRE-RESISTIVE MATERIALS
11 PILING, DRILLED PIERS & CAISSONS
12 SHOTCRETE

13.1 VERIFY SOILS CONDITIONS ARE SUBSTANTIALLY IN CONFORMANCE WITH THE SOIL INVESTIGATION REPORT
13.2 VERIFY THAT FOUNDATION EXCAVATIONS EXTEND TO PROPER DEPTH AND BEARING STRATA
13.3 PROVIDE SOILS COMPACTION TEST RESULTS, DEPTH OF FILL, RELATIVE DENSITY, BEARING VALUES
13.4 PROVIDE SOIL EXPANSION TEST RESULTS, EXPANSION INDEX, RECOMMENDATIONS FOR FOUNDATION, ON-GRADE FLOOR SLAB DESIGN FOR EACH BUILDING SITE
14 SMOKE-CONTROL SYSTEM
15 SPECIAL CASES (SPECIFIED BY THE BUILDING OFFICAL)
16 OFF-SITE FABRICATION OF BUILDING COMPONENTS
17 OTHER SPECIAL CASES (SPECIFIED BY DESIGNER OF RECORD)

NO.	DESCRIPTION OF TYPE OF INSPECTION REQUIRED, LOCATION, REMARKS, ETC.	DESIGN STRENGTH
1	CONCRETE	f'c > 2,500 psi
2	PERIODIC INSP. BOLTS INSTALLED IN CONCRETE AT SHEAR WALLS (AS REQ'D BY CBC & NDS)	AS REQ'D
13.1	PERIODIC INSP. ON-SITE	AS REQ'D
13.2	PERIODIC INSP. ON-SITE	AS REQ'D
17	PERIODIC INSP. NAILING FOR HIGH CAPACITY WOOD SHEAR WALLS (AS REQ'D BY CBC & NDS)	AS REQ'D

1. THE CONSTRUCTION INSPECTIONS LISTED ARE IN ADDITION TO THE CALLED INSPECTIONS REQUIRED BY CHAPTER 17 OF THE CALIFORNIA BUILDING CODE. SPECIAL INSPECTION IS NOT A SUBSTITUTE FOR INSPECTION BY A CITY INSPECTOR. SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF THE CITY INSPECTOR IS SUBJECT TO REMOVAL OR EXPOSURE.
2. SPECIAL INSPECTION TO BE PROVIDED BY: TBD
   NOTE: CONTRACTOR TO VERIFY THAT THE SPECIAL INSPECTOR IS CERTIFIED BY THE LOCAL JURISDICTION'S BUILDING DEPARTMENT, TO PERFORM THE TYPES OF INSPECTION SPECIFIED, PRIOR TO PERFORMING INSPECTIONS.
3. A CERTIFICATE OF SATISFACTORY COMPLETION OF WORK WITH SPECIAL INSPECTION MUST BE COMPLETED AND SUBMITTED TO THE FIELD INSPECTION DIVISION OF THE LOCAL BUILDING JURISDICTION. A REPORT SHALL BE GIVEN TO THE BLDG. INSPECTOR AT FRAMING INSPECTION.
4. WHEN WELDING IS DONE IN AN APPROVED FABRICATORS SHOP, SPECIAL INSPECTION IS NOT REQUIRED. SEE NOTES 5 & 6 BELOW. PERIODIC INSPECTION MAY BE USED FOR SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16". THE SPECIAL INSPECTOR NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF THE ABOVE ITEMS PROVIDED THAT THE MATERIAL, QUALIFICATIONS OF WELDING PROCEDURES AND WELDERS ARE VERIFIED PRIOR TO THE START OF WORK. PERIODIC INSPECTIONS ARE MADE OF WORK IN PROGRESS AND A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO SHIPMENT OF SHOP WELDING.
5. AN APPLICATION FOR OFF-SITE FABRICATION MUST BE SUBMITTED TO THE FIELD INSPECTION DIVISION OF THE LOCAL BUILDING JURISDICTION FOR APPROVAL PRIOR TO FABRICATION.
6. A CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION MUST BE COMPLETED AND SUBMITTED TO THE FIELD INSPECTION DIVISION OF THE LOCAL BUILDING JURISDICTION PRIOR TO ERECTION OF PREFABRICATED COMPONENTS.
7. HIGH-STRENGTH BOLT, NUTS AND WASHERS MAY BE REQUIRED TO BE SAMPLED, TESTED AND APPROVED BY THE INSPECTION SERVICES DIVISION OF THE LOCAL BUILDING JURISDICTION PRIOR TO THE INSTALLATION.
8. SPECIAL INSPECTION IS REQUIRED FOR BOLTED CONNECTIONS UTILIZING HIGH-STRENGTH A325 AND A490 BOLTS. SUCH INSPECTIONS SHALL BE IN ACCORDANCE WITH APPROVED NATIONALLY RECOGNIZED STANDARDS AND THE REQUIREMENTS OF CHAPTER 17. WHILE THE WORK IS IN PROGRESS, THE SPECIAL INSPECTOR SHALL DETERMINE THAT THE FOLLOWING MEMBERS FOR BOLT, NUTS, WASHERS AND PAINT, BOLTED PARTS, AND THE INSTALLATION AND TIGHTENING IN SUCH STANDARDS ARE MET. SUCH INSPECTIONS MAY BE PERFORMED ON A PERIODIC BASIS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1704. INSPECTOR SHALL OBSERVE THE CALIBRATION PROCEDURES WHEN SUCH PROCEDURES ARE REQUIRED BY THE PLANS OR SPECIFICATIONS AND SHALL MONITOR THE INSTALLATION OF BOLTS TO DETERMINE THAT PILES OF CONNECTED MATERIALS HAVE BEEN DRAWN TOGETHER AND THAT THE SELECTED PROCEDURE IS PROPERLY USED TO TIGHTEN ALL BOLTS.
9. FOR WELDED, FULLY RESTRAINED CONNECTIONS BETWEEN PRIMARY MEMBERS OF ORDINARY MOMENT RESISTING FRAMES (OMRF), AND SPECIAL MOMENT RESISTING FRAMES (SMRF)NONDESTRUCTIVE TESTS PER APPROVED NATIONAL STANDARDS, SHALL BE CONDUCTED. ALL COMPLETE PENETRATION GROOVE WELDS CONTAINED IN JOINTS AND SPLICES SHALL BE TESTED 100% EITHER BY ULTRASONIC TESTING OR RADIOGRAPHY. FOR WELDED, FULLY RESTRAINED CONNECTIONS BETWEEN PRIMARY MEMBERS OF OMRF WHICH ARE FABRICATED IN AN APPROVED FABRICATORS SHOP, NONDESTRUCTIVE TESTS SHALL BE CONDUCTED BY A SPECIAL INSPECTION AGENCY APPROVED BY THE LOCAL BUILDING JURISDICTION.

SHEAR PANEL SCHEDULE

(2306.3 2025 CBC and ASCE7-22 VALUES)

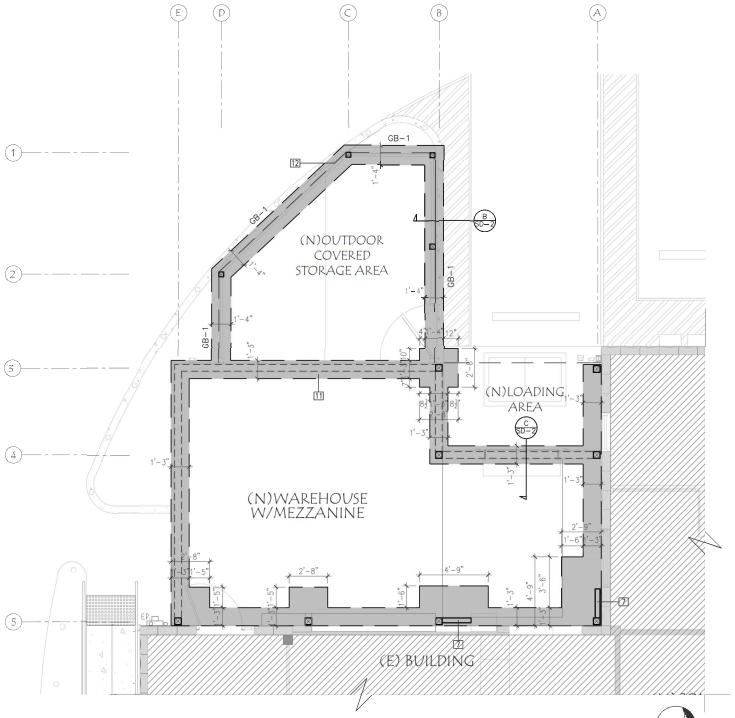
ID#		BASE SHEAR @ BOTTOM SILL: ANCHOR BOLT SPACING	BASE SHEAR @ BOTTOM SILL: BOTTOM SILL SPACING	TOP PLATE APPLICATION TO JOIST RAFTER ON BLOCK: SIMPSON LPTS	TOP PLATE APPLICATION TO JOIST RAFTER ON BLOCK: SIMPSON A35	ALLOWABLE SHEAR
1	3/8" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 6" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. 48" O.C.	16d @ 6" O.C.	30" O.C.	24" O.C.	230 PLF
2	15/32" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 6" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. 48" O.C.	16d @ 6" O.C.	24" O.C.	16" O.C.	280 PLF
3	3/8" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 4" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. 42" O.C.	20d @ 6" O.C.	20" O.C.	14" O.C.	360 PLF_2
4	15/32" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 4" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. @ 36" O.C.	20d @ 4" O.C.	16" O.C.	12" O.C.	430 PLF_2
5	15/32" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 3" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. @ 28" O.C.	20d @ 2" O.C.	12" O.C.	8" O.C.	550 PLF_2
6	7/16" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 2" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. @ 24" O.C.	20d @ 2" O.C.,& 4.5 @ 6" O.C.S	10" O.C.	6" O.C.	670 PLF_2
7	15/32" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 2" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. @ 21" O.C.	20d @ 2" O.C.,& 4.5 @ 6" O.C.S	8" O.C.	6" O.C.	730 PLF_2
8	15/32" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 10d @ 2" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. @ 16" O.C.	20d @ 2" O.C.,& 4.5 @ 6" O.C.S	8" O.C.	6" O.C.	870 PLF_2

NOTES:
1) WHEN PLYWOOD IS APPLIED TO BOTH SIDES OF A SHEAR WALL AND NAILING IS LESS THAN 6" O.C. USE 3x STUDS AT PANEL JOISTS. NAILS AT TOP PLATE TO BE STAGGERED AND SHEAR VALUES ARE DOUBLE NOTED VALUES IN THIS TABLE.
2) FOR SINGLE SIDED PANELS WITH NOTED VALUE, USE 3x BOTTOM SILL AND 3x STUDS AT PANEL JOISTS. (SPECIAL INSPECTION REQUIRED).
3) ANCHOR BOLTS TO BE A MINIMUM OF 12" FROM EDGES OF SHEAR PANEL SILL AND SPACED AS NOTED IN THIS TABLE. ALL ANCHOR BOLTS TO BE 10" LONG AND EMBEDDED 7" INTO CONCRETE WITH A MINIMUM 2" EDGE DISTANCE. AS AN ALTERNATIVE FOR INTERIOR ANCHOR BOLTS, USE 5/8" DIAMETER x 6" LONG SIMPSON TITEN HD BOLTS SPACED AT SAME SPACING AS NOTED ABOVE AND INSTALLED AFTER SLAB IS CURED.
4) WHERE DOUBLE SIDED SHEAR WALLS ARE USED, ANCHOR BOLT SPACING AS NOTED ABOVE TO BE CUT IN HALF.
5) A35's TO BE INSTALLED ON BLOCKING OR RIM JOIST FOR RAISED FLOORS.

ABBREVIATIONS:

AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS
AWS	AMERICAN WELDING SOCIETY
CBC	CALIFORNIA BUILDING CODE
UBC	UNIFORM BUILDING CODE
WCLIB	WEST COAST LUMBER INSPECTION BUREAU
WWPA	WESTERN WOOD PRODUCTS ASSOCIATION

AB	ANCHOR BOLT	lb (#)	POUND(S)
ABV	ABOVE	LDGR	LEDGER
ADJ	ADJACENT	LG	LONG(TUDINAL)
ALT	ALTERNATE	LWT	LIGHT WEIGHT
AFF	ABOVE FINISHED FLOOR	MAS	MASONRY
APPROX	APPROXIMATE(LY)	MATL	MATERIAL
ARCH	ARCHITECTURAL	MAX	MAXIMUM
@	AT	MB	MACHINE BOLT
BLDG	BUILDING	MECH	MECHANICAL
BLK	BLOCKING	MEZZ	MEZZANINE
BM	BEAM	MF	MOMENT FRAME
BN	BOUNDARY NAILING	MFR	MANUFACTURER
BRG	BEARING	MIN	MINIMUM
BTM (B)	BOTTOM	MISC	MISCELLANEOUS
BTWN	BETWEEN	MTL	METAL
C	CAMBER(ED)	(N)	NEW
CANT	CANTILEVER	NO. (#)	NUMBER
CIP	CAST-IN-PLACE	NTS	NOT TO SCALE
CL	CENTERLINE	OC	ON CENTER
CLG	CEILING	OWJ	OPEN WEB JOISTS
CLR	CLEAR	P/C	PRECAST CONCRETE
COL	COLUMN	PERP (⊥)	PERPENDICULAR
CONC	CONCRETE	PCF	POUNDS PER CUBIC FT.
CONN	CONNECTION	PL	PLATE
CONST	CONSTRUCTION	PLY	PLYWOOD
CTR	CENTER (ED)		
d	PENNY (NAILS)	P



PHASE II - (N) FOUNDATION PLAN

SCALE: ¼" = 1'-0"

GRADE BEAM SCHEDULE:				
GB-#	LONGITUDINAL REINFORCING	STIRRUPS	WIDTH	DEPTH
GB-1	3-#5 T&B	#3 @ 12" O.C.	16"	16"

FOUNDATION SCHEDULE:	
P-1	PROVIDE 1'ø (ASTM F1554, GRADE 36) de=12", MIN FOOTING DEPTH=18". PROVIDE 3 #5 EA. WY.
P-2	PROVIDE 1'ø (ASTM F1554, GRADE 36) de=12", MIN FOOTING DEPTH=16". PROVIDE (3) #5 EA. WY.
FTG-1	1'-3" WIDE x 1'-6" DEEP CONT. CONC. FTG. w/ 3-#5 CONT. REINF. T&B

SIMPSON WSWH SCHEDULE:	
WSWH 24x10	

CONSTRUCTION NOTES:

1. PROVIDE ⅝"ø ANCHOR BOLTS @ 32" O.C. PER SHEAR WALL SCHEDULE
2. PROVIDE ⅝"ø ANCHOR BOLTS @ 16" O.C. PER SHEAR WALL SCHEDULE
3. PROVIDE ⅝"ø ANCHOR BOLTS @ 12" O.C. PER SHEAR WALL SCHEDULE
4. PROVIDE MSTA48 ON 6x6 POST
5. PROVIDE 4x4x¼" STRUCTURAL TUBE METAL POST - ASTM A500 GRADE B
6. PROVIDE 6x6 DF-L #1 SOLID WOOD POST
7. PROVIDE WSWH-24x10
8. PROVIDE HDU4 - SDS2.5 ON 6x6 POST w/SSTB16
9. PROVIDE HDU5 - SDS2.5 ON 6x6 POST w/SSTB24
10. PROVIDE HDU11 - SDS2.5 ON 6x6 POST w/SSTB34
11. PROVIDE 6" CONCRETE SLAB ON GRADE w/#4 @ 18" O.C. EACH WAY OVER 2" SAND OVER 10 MIL. VAPOR BARRIER OVER 2" SAND 2'-8" SQ. x 18" DEEP w/3-#5 EA. WAY
12. PROVIDE 4" CONCRETE SLAB ON GRADE w/ #4 @ 18" O.C. EACH WAY OVER 4" SAND 16" x 16" DEEP GRADE BEAM w/3-#5 TOP & BOT. AND #3 STIRRUPS @ 12" O.C.

ADDITIONAL NOTES:

1. ALL EXTERIOR STUD WALLS SHALL BE 2x6 @ 16" O.C. (10' MAX HT.) U.N.O.
2. USE 3" SQ x 0.229" PLATE WASHERS W/ALL ANCHOR BOLTS
3. ALL HOLD DOWN ANCHORS SHALL BE SIMPSON "SB" TYPE, F1554 GR 36 U.N.O.
4. SOIL COMPACTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
5. SOIL ENGINEER SHALL INSPECT FOUNDATION PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION. INSPECTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
6. ALL HOLD-DOWNS AND ANCHOR BOLTS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION INSPECTION.
7. ALL SILL ANCHORAGE SHALL BE ⅝" ø A.B. @ 48" O.C. MIN. U.N.O. ON SHEAR WALL SCHEDULE.

PLAN LEGEND:

- PROPOSED 4x4 MTL. POST, SECURE TO BTM. PL. W/ A35 CLIP EA SIDE (4 TOTAL), U.N.O.
- PROPOSED 6x6 POST, SECURE TO BTM. PL. W/ A35 CLIP EA SIDE (8 TOTAL), U.N.O.
- "HUCQ" FACE MOUNT HANGER TO MATCH BEAM DEPTH U.N.O.
- PROPOSED HOLD DOWN & POST PER PLAN U.N.O.
- PROPOSED SHEAR WALL & ANCHORAGE PER PLAN
- PROPOSED CONTINUOUS CONCRETE FOOTING PER PLAN
- PROPOSED BEAM/HEADER

FOUNDATION PLAN

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
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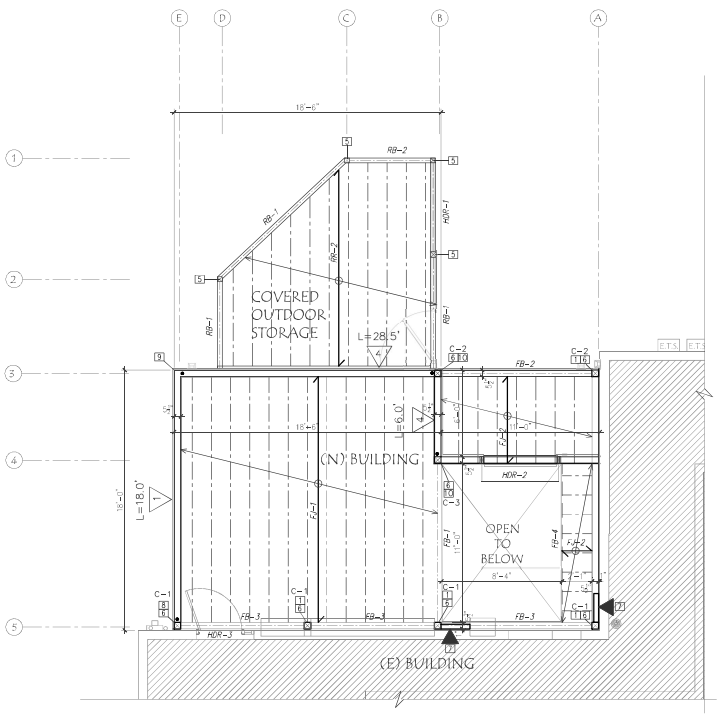
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

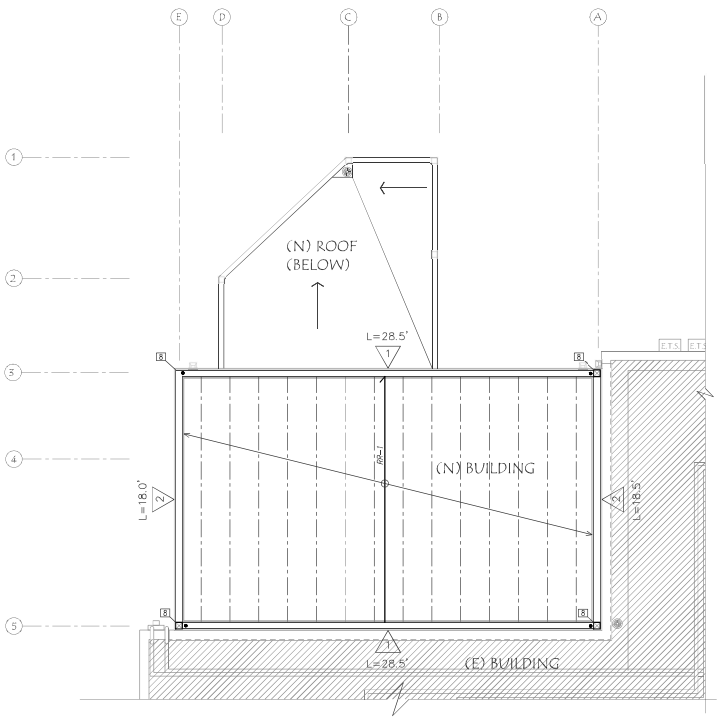
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Scale: AS NOTED
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: S-1
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PHASE II - (N) FRAMING PLAN

SCALE: 1/4" = 1'-0"



PHASE II - (N) ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

FRAMING SCHEDULE:	
FJ-1	24" TGI 560D @ 16" O.C.
FJ-2	2x8 DF-L #1 @ 16" O.C.
RR-1	2x12 DF-L #1 24" O.C.
RR-2	2x8 DF-L #1 16" O.C.
HDR-1	4x14x 1/4" 50 ksi STEEL TUBE
HDR-2	6x6 DF-L #1
HDR-3	6x12 DF-L #1
RB-1	4x14x 1/4" 50 ksi STEEL TUBE
RB-2	4x14x 1/4" 50 ksi STEEL TUBE
FB-1	6x8 DF #1
FB-2	6x10 DF #1
FB-3	5 1/2"x11 7/8" 2.0E TJ PARALLAM W.S. PSL
FB-4	6x6 DF #1
C-1	6x6 DF-L #1 SOLID WOOD POST
C-2	6x6 DF-L #1 SOLID WOOD POST
C-3	6x6 DF-L #1 SOLID WOOD POST
C-4	4x4x3/8" STRUCTURAL TUBE METAL POST

CONSTRUCTION NOTES:
1 PROVIDE 5/8"ø ANCHOR BOLTS @ 32" O.C. PER SHEAR WALL SCHEDULE
2 PROVIDE 5/8"ø ANCHOR BOLTS @ 16" O.C. PER SHEAR WALL SCHEDULE
3 PROVIDE 5/8"ø ANCHOR BOLTS @ 12" O.C. PER SHEAR WALL SCHEDULE
4 PROVIDE MST48 ON 6x6 POST
5 PROVIDE 4x4x3/8" STRUCTURAL TUBE METAL POST - ASTM A500 GRADE B
6 PROVIDE 6x6 DF-L #1 SOLID WOOD POST
7 PROVIDE WSWH24x10
8 PROVIDE HDU4 - SDS2.5 ON 6x6 POST w/SSTB16
9 PROVIDE HDU5 - SDS2.5 ON 6x6 POST w/SSTB24
10 PROVIDE HDU11 - SDS2.5 ON 6x6 POST w/SSTB34
11 PROVIDE 6" CONCRETE SLAB ON GRADE w/#4 @ 18" O.C. EACH WAY OVER 2" SAND OVER 10 MIL. VAPOR BARRIER OVER 2" SAND 2'-8" SQ. x 18" DEEP w/3-#5 EA. WAY
12 PROVIDE 4" CONCRETE SLAB ON GRADE w/ #4 @ 18" O.C. EACH WAY OVER 4" SAND 16" x 16" DEEP GRADE BEAM w/3-#5 TOP & BOT. AND #3 STIRRUPS @ 12" O.C.

ADDITIONAL NOTES:
1. ALL EXTERIOR STUD WALLS SHALL BE 2x6 @ 16" O.C. (10' MAX HT.) U.N.O.
2. USE 3" SQ x 0.229" PLATE WASHERS W/ALL ANCHOR BOLTS
3. ALL HOLD DOWN ANCHORS SHALL BE SIMPSON "SB" TYPE, F1554 GR 36 U.N.O.
4. SOIL COMPACTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
5. SOIL ENGINEER SHALL INSPECT FOUNDATION PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION. INSPECTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
6. ALL HOLD-DOWNS AND ANCHOR BOLTS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION INSPECTION.
7. ALL SILL ANCHORAGE SHALL BE 5/8" ø A.B. @ 48" O.C. MIN. U.N.O. ON SHEAR WALL SCHEDULE.

PLAN LEGEND:
PROPOSED 4x4 MTL. POST, SECURE TO BTM. PL. W/ A35 CLIP EA SIDE (4 TOTAL), U.N.O.
PROPOSED 6x6 POST, SECURE TO BTM. PL. W/ A35 CLIP EA SIDE (8 TOTAL), U.N.O.
'HUCQ' FACE MOUNT HANGER TO MATCH BEAM DEPTH U.N.O.
PROPOSED HOLD DOWN & POST PER PLAN U.N.O.
PROPOSED SHEAR WALL & ANCHORAGE PER PLAN
6"/8" / 2 L=12'-0"
PROPOSED CONTINUOUS CONCRETE FOOTING PER PLAN
PROPOSED BEAM/HEADER

ROOF FRAMING SCHEDULE:	
P-1	2'-8" SQ. x 1'-6" DEEP CONC. PAD w/ 3-#5 EA. WAY @ BTM.
P-2	2'-8" x 4'-9" x 1'-4" DEEP CONC. PAD w/(2)#5 T & B AND #3 STIRRUPS @ 12" O.C.
FTG-1	1'-3" WIDE x 1'-6" DEEP CONT. CONC. FTG. w/ 3-#5 CONT. REINF. T&B
GB-1	1'-4" WIDE x 1'-4" DEEP CONT. CONC. GRADE BEAM w/ 3-#5 CONT. REINF. T&B AND #3 STIRRUPS @ 12" O.C.

FRAMING PLANS

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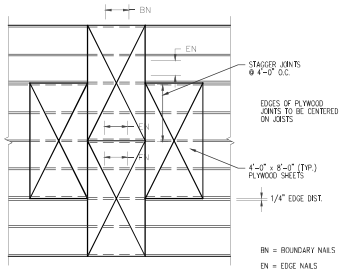
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

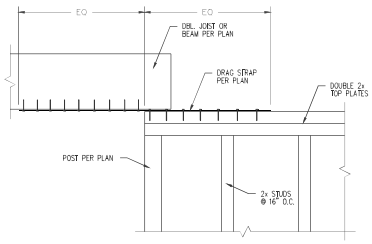
CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

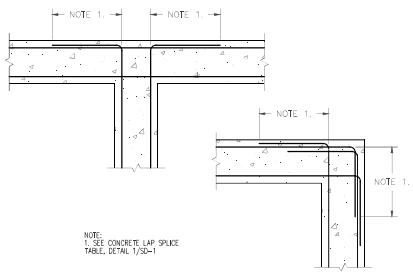
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Drawn by: CMG
Date: 06/18/2026
Job #: 10504.014
Sheet: S-2
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SHEATHING LAYOUT @ JOIST/RAFTERS | 13



TYP. DRAG STRAP DETAIL | 9

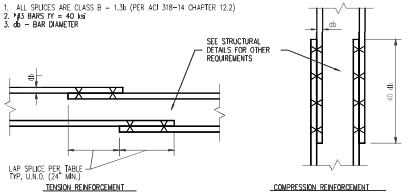


CORNER AND INTERSECTION | 5

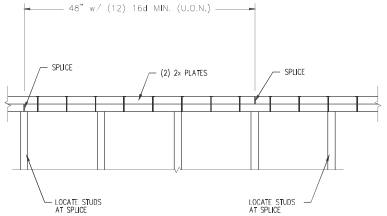
CONCRETE REINFORCING – Fy = 60 ksi

f'c = 1500psi (MIN.)	LAP SPLICE (lb.) – DEFORMED BARS							
	#3*	#4	#5	#6	#7	#8	#9	#10	#11
2500	16	32	39	47	69	78	88	100	110
3000	15	29	36	43	63	72	81	91	101
4000	13	25	31	37	54	62	70	79	87

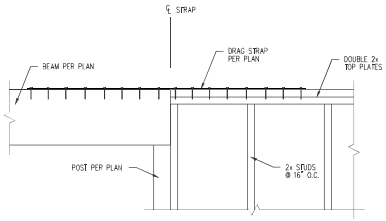
1. ALL SPLICES ARE CLASS B = 1.3ld (PER ACI 318-14 CHAPTER 12.2)
2. *#3 BARS fy = 40 ksi
3. db = BAR DIAMETER



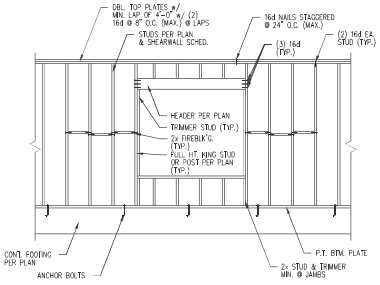
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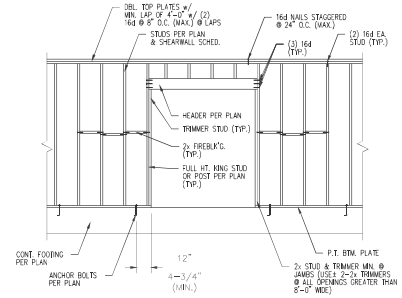
ELEV. OF TYP. PLATES SPLICE | 14



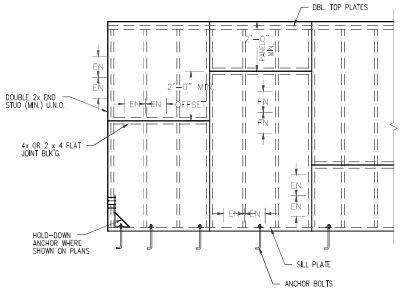
TYP. DRAG STRP DETAIL | 10



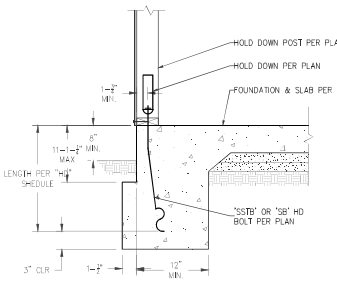
TYP. WINDOW FRAMING ELEV | 6



TYP. DOOR FRAMING ELEV. | 2



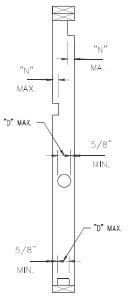
TYP. SHEAR WALL ELEV. | 15



HOLD DOWN DETAIL | 11

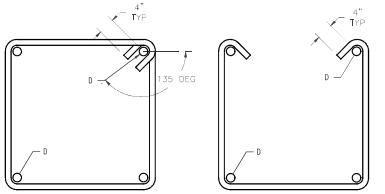
STUD	BEARING & EXT. WALL		NON-BEARING	
	"N"	"D"	"N"	"D"
2x4	7/8"	1 3/8"	1 3/8"	2"
2x6	1 3/8"	2 1/8"	2 1/8"	3 1/4"
2x8	1 7/8"	3"	3"	4 1/2"
2x10	2 3/8"	3 3/4"	3 3/4"	5 5/8"

NOTES:
1. ONLY ONE MAX. SIZE OF NOTCH OR BORED HOLE IS ALLOWED PER STUD
2. NON-BEARING STUD WALL IS DEFINED AS A PARTITION WALL SUPPORTING NO LOAD OTHER THAN ITS OWN WEIGHT.
3. BORED HOLES SHALL NOT BE LOCATED IN THE SAME SECTION OF STUD AS A CUT OR NOTCH.

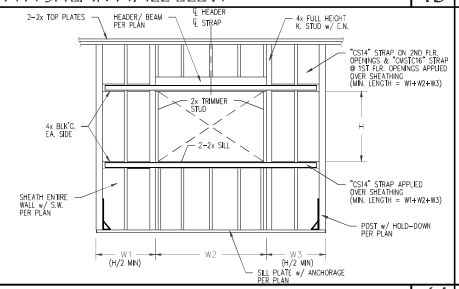


TYP. NOTCHING OF STUDS | 7

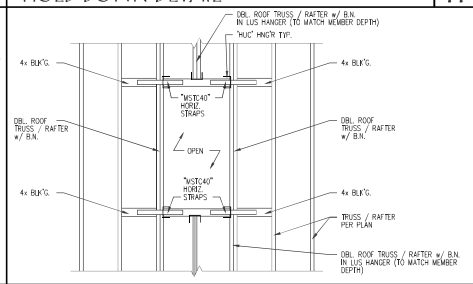
BAR	D
#3	1-1/2"
#4	2"
#5	2-1/2"



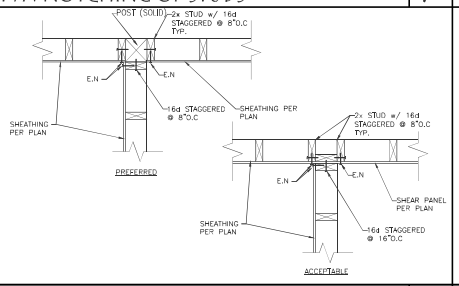
STIRRUP AND TIE DETAIL | 3



TYP. OPENING IN SHEAR WALL | 16

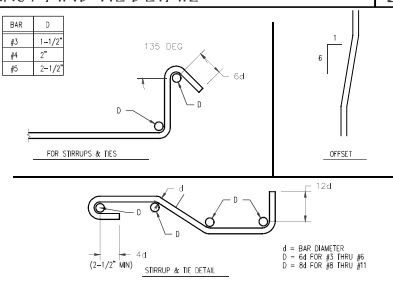


TYP. SHEAR TRANS @ SKYLIGHTS | 12



INTERSECTING SHEAR WALLS | 8

BAR	D
#3	1-1/2"
#4	2"
#5	2-1/2"



BAR STIRRUP & TIES | 4

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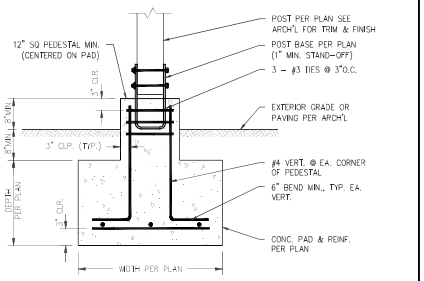
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PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

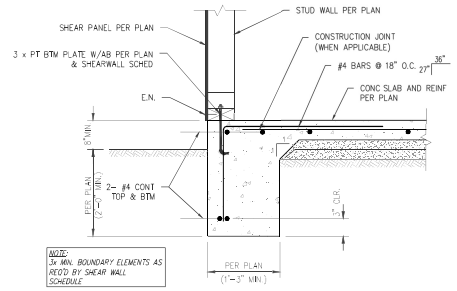
CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

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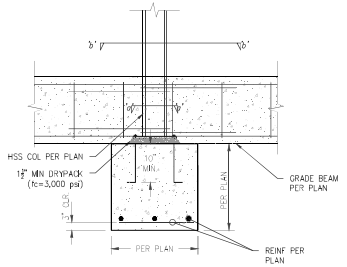
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Date: 06/18/2026
Job #: 10504.014
Sheet: SD-1
Sheet: 24 of 43

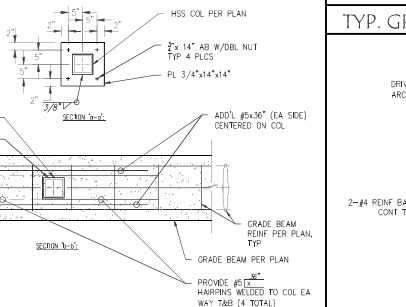


TYP. CONC. FNDTN. @ POST | D

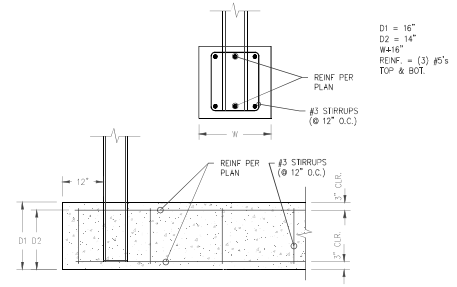


TYP. CONC. FNDTN. @ POST | A

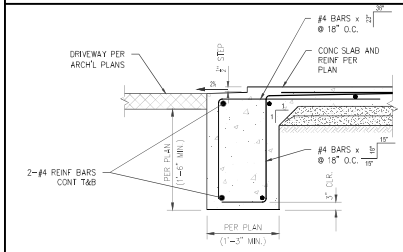




TYP. CONC. GRADE BEAM | E



TYP. GRADE BEAM @ COVERED ROOF | B



CONC. FNDTN. @ ROLL-UP DOOR | C

FOUNDATION DETAILS

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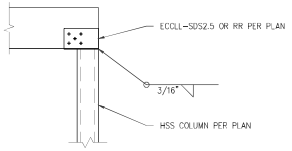
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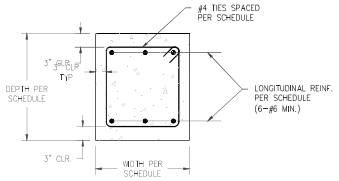
PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

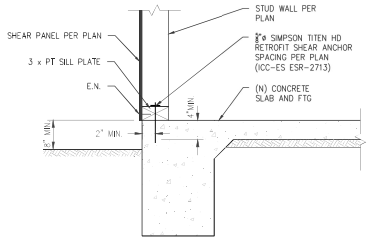
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214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

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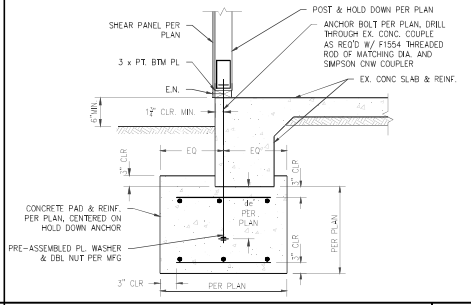
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Sheet 25 of 43



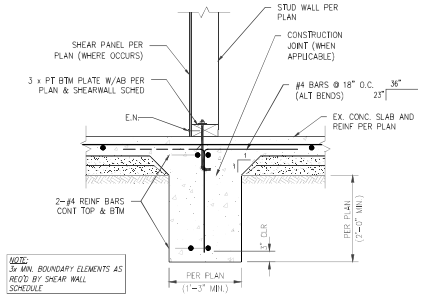




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2



3

FRAMING DETAILS

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RENOVATION
PHASE II

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Date: 06/18/2026
Job # 10504.014
Sheet: SD-3
Sheet: 26 of 43

AIA California

2025 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 2

TABLE 5.106.5.6.1		
TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF REQUIRED EVCS2
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.

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 5.106.5.6.2. 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 where 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.

5.106.8 LIGHT POLLUTION REDUCTION. [N] 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) RATINGS1,2					
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"

5.106.8.1 Facing- Backlight
Luminaires 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 point(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 Materials) for IES TM-15-11 Table A, 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.

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 tree 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, handscape 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 are 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.

SPECIAL LANDSCAPE AREA (SLA), [DSA-SS] An area of the landscape dedicated solely to edible plants, planting areas used for educational purposes, recreational areas, areas irrigated with recycled water, water features using recycled water, and where turf provides a playing surface or gathering space.

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 537 for additional details.)

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.

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.

5.303.3.4 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, commercial pre-rinse spray valves shall meet the requirements in the California Plumbing Code, Section 420.3.

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 0.55 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 1,000 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.

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-CRAVE. 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 waste, 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 (M-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.itga.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder?CALGreen may be used to assist in documenting 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).

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/

GREEN BUILDING CODE

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1223, SANTA PAULA, CA 93061
PHONE (805) 525-5402 FAX (805) 933-8040

CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: GBC-2
Sheet 37 of 43

2025 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 3

Y = YES
NA = NOT APPLICABLE
RESP/IN. PARTY = RESPONSIBLE PARTY (ie. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y/NA	RESP/IN. PARTY

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-CSE] 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. Alterations(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.

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 CATEGORY1	MAXIMUM ACCEPTABLE GWP VALUE (unfabricated) (GWPallowed)	UNIT OF MEASUREMENT
Hot-rolled structural steel sections	1.77	MT CO2e/MT
Hollow structural sections	3.00	MT CO2e/MT
Steel plate	2.61	MT CO2e/MT
Concrete reinforcing steel	1.56	MT CO2e/MT
Flat glass	2.50	kg CO2e/MT
Light-density mineral wool board insulation	5.83	kg CO2e/MT
Heavy-density mineral wool board insulation	14.28	kg CO2e/MT
Concrete, Ready-Mixed2, 3		
CONCRETE PRODUCT CATEGORY	MAXIMUM GWP ALLOWED VALUE (GWPallowed)	UNIT OF MEASUREMENT
up to 2499 psi	450	kg CO2e/m3
2500–3499 psi	489	kg CO2e/m3
3500–4499 psi	566	kg CO2e/m3
4500–5499 psi	661	kg CO2e/m3
5500–6499 psi	701	kg CO2e/m3
6500 psi and greater	799	kg CO2e/m3
Concrete, Lightweight Ready-Mixed2		
CONCRETE PRODUCT CATEGORY	MAXIMUM GWP ALLOWED VALUE (GWPallowed)	UNIT OF MEASUREMENT
up to 2499 psi	875	kg CO2e/m3
2500–3499 psi	956	kg CO2e/m3
3500–4499 psi	1039	kg CO2e/m3

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.

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

GWPn < GWPallowed
where
GWPn = Σ (GWPn)(vn)
and
GWPallowed = Σ (GWPallowed)(vn)
and
n = each concrete mix installed in the project
GWPn = the GWP for concrete mix per concrete
mix EPD, in kg CO2e/m3
GWPallowed = the GWP potential allowed for concrete
mix n per Table 5.409.3
vn = the volume of concrete mix installed in
the project, in m3

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 by 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's needs 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 systems.

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.

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 320 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.

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 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 hydrochlorofluorocarbon, 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 O3/g ROC).

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.

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, 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 (chlorobenzene, 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 LIMIT1,2
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.

GREEN BUILDING CODE

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RENOVATION
PHASE II

CLIENT:
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SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: GBC-3
Sheet: 40 of 43

AIA California

2025 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 4

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

Y/NA | RESP/N PARTY

5.504.4.3 Paints 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 PWMR 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 COATINGS2,3

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 COATINGS1	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.

Y/NA | RESP/N PARTY

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 LIMITS1

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 FIBERBOARD2	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 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.

5.504.5.1 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 (CO2) MONITORING. For buildings or additions equipped with demand control ventilation, CO2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

5.506.3 Carbon dioxide (CO2) monitoring in classrooms.
[DSA-SS] Classrooms and other similar rooms that are used for group instruction shall be equipped with a carbon dioxide monitor or sensor.

[BSC-CG] Newly constructed projects and qualifying additions and alterations (per scope in Section 301.3) for University of California, California State University and private school classrooms, lecture and post-secondary classrooms shall be equipped with a carbon dioxide monitor or sensor.

[DSA-SS, BSC-CG] The carbon dioxide monitor or sensor shall meet 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 exceed 1,100ppm.
4. The monitor or EMCS devices used to measure carbon dioxide levels shall maintain a record of previous data that includes at least the maximum carbon dioxide concentration measured.
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.

Y/NA | RESP/N PARTY

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. Ldn or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
2. Ldn 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 Ldn 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 Leq - 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 sound levels 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.

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 (CO2), 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 ov 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 tha 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, 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.

[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.

GREEN BUILDING CODE

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CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: GBC-4
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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
Nonresidential Performance Compliance Method	(Page 1 of 13)
Project Name: New Storage Warehouse	**Date Prepared:** 2026-06-17

A. General Information

1	Project Name	New Storage Warehouse			
2	Run Title	Title 24 Analysis			
3	Project Location	214 S. 10th St.			
4	City	Santa Paula	5	Standards Version	Compliance 2025
6	Zip code	93060	7	Compliance Software (version)	EnergyPro 10.1
8	Climate Zone	9	9	Building Orientation (deg)	270
10	Building Type(s)	• Nonresidential	11	Weather File	CA_Title24_2025_VAN-NUYS.epw
12	Project Scope	• Envelope and Mechanical Addition	13	Number of Dwelling Units	0
14	Total Conditioned Floor Area in Scope (ft^2)	438	15	Total # of hotel/motel rooms	0
16	Total Unconditioned Floor Area (ft^2)	0.1	17	Fuel Type	Natural gas
18	Is Natural Gas Available per Section 100.1?	Yes	19	Nonresidential Conditioned Floor Area	438
20	Total # of Stories (Habitable Above Grade)	1	21	Residential Conditioned Floor Area	0

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
Nonresidential Performance Compliance Method	(Page 2 of 13)

B. PROJECT SUMMARY

Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.

Building Components Complying via Performance						Building Components Complying Prescriptively	
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	☐	Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).	
	MultiFam	Not Included		☒	Not Included		
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	☐	Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required
	MultiFam	Not Included		☒	Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	☐	Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required
	MultiFam	Not Included		☒	Not Included	**Building Components Complying with Mandatory Measures**	
Lighting (Indoor Conditioned, see Table K)	Nonres	Not Included	Photovoltaics (see Table F)	☐	Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)	
	MultiFam	Not Included		☒	Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required
			Battery (see Table F)	☐	Performance	Commissioning 120.8	NRCC-CXR-E is required
				☒	Not Included	Solar and Battery 110.10	NRCC-SAB-E is required

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
Nonresidential Performance Compliance Method	(Page 3 of 13)

C1. COMPLIANCE SUMMARY

COMPLIES*

	Long-term System Cost (LSC)[1]		Source Energy Use
	Efficiency[2] ($/ft^2$-yr)	Total[3] ($/ft^2$-yr)	Total[3] (kBtu/ft^2-yr)
Standard Design	26.05	n/a	n/a
Proposed Design	17.65	n/a	n/a
Compliance Margins	**8.4**	**n/a**	**n/a**
	Pass	**n/a**	**n/a**

[1] Long-term System Cost (LSC) is a 30-year present value cost to California's energy system. LSC is not a predicted utility bill.
[2] Efficiency measures include energy efficiency improvements such as better building envelope and more efficient mechanical equipment
[3] Compliance Totals include efficiency, photovoltaics and batteries
** New Construction: Building complies when Proposed Design is equal to or less than Standard Design in all compliance categories and unmet load hour limits are not exceeded. Complete Addition Scope and Existing, Addition and Alteration Scope: Building complies when efficiency compliance margin is greater than or equal to zero and unmet load hour limits are not exceeded.*

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
Nonresidential Performance Compliance Method	(Page 4 of 13)

C2. LSC ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual LSC Energy Use, $/ft^2$-yr)

COMPLIES

Energy Component	Standard Design (LSC)	Proposed Design (LSC)	Compliance Margin (LSC)[1]
Space Heating	5.49	8.31	-2.82
Space Cooling	5.51	5.32	0.19
Indoor Fans	15.05	4.02	11.03
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	0	0	0
Indoor Lighting	0	0	0
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**26.05**	**17.65**	**8.4 (32.2%)**
Photovoltaics	---	---	---
Batteries	---	---	---
TOTAL COMPLIANCE	**26.05**	**17.65**	**8.4 (32.2%)**

[1] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
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C3. LSC ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (LSC)	Proposed Design (LSC)	Compliance Margin (LSC)[2]
Receptacle	---	---	---
Process	---	---	---
Other Ltg	---	---	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**26.05**	**17.65**	**8.4 (32.2%)**

[1] Notes: This table is not used for Energy Code Compliance.
[2] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

C6. 'ABOVE CODE' QUALIFICATIONS

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
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C7. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	0.4	0.6	-0.2	---	---	---
Space Cooling	0.5	0.5	0	---	---	---
Indoor Fans	1.2	0.3	0.9	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	---	---	---	---	---	---
Indoor Lighting	---	---	---	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY TOTAL	**2.1**	**1.4**	**0.7**	**0**	**0**	**0**
Photovoltaics	---	---	---	---	---	---
Batteries	---	---	---	---	---	---
ENERGY USE SUBTOTAL	**2.1**	**1.4**	**0.7**	**0**	**0**	**0**
Receptacle	---	---	---	---	---	---
Process	---	---	---	---	---	---
Other Ltg	---	---	---	---	---	---
Process Motors	---	---	---	---	---	---
ENERGY USE TOTAL	**2.1**	**1.4**	**0.7**	**0**	**0**	**0**

TITLE 24-MECHANICAL

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RENOVATION
PHASE II

CLIENT:
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#	Revision	Date

Scale: NTS
Drawn by: CMG
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C8. ENERGY USE INTENSITY (EUI)

	Standard Design (kBtu/ft² / yr)	Proposed Design (kBtu/ft² / yr)	Margin (kBtu/ft² / yr)	Margin Percentage
GROSS EUI[1]	16.36	10.9	5.46	33.37
NET EUI[1]	16.36	10.9	5.46	33.37

[1] *Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.*

D1. EXCEPTIONAL CONDITIONS

- The building does not include service water heating. Verify that service water heating is not required and is not included in the design.
- Project claiming exception to Section 120.7(e) Vestibules requirements.

E4. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

www.title24data.com e-mail: inbox@title24data.com * One Day Service* since 1978

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft²)	Total Fenestration Area (ft²)	Window to Wall Ratio (%)
North-Facing[1]	185	0	0
East-Facing[2]	177	0	0
South-Facing[3]	339	0	0
West-Facing[4]	555.5	0	0

Notes
[1]North-Facing is oriented to within 45 degrees of true north, including 4500'00" east of north (NE), but excluding 4500'00" west of north (NW),
[2]East-Facing is oriented to within 45 degrees of true east, including 4500'00" south of east (SE), but excluding 4500'00" north of east (NE),
[3]South-Facing is oriented to within 45 degrees of true south, including 4500'00" west of south (SW), but excluding 4500'00" east of south (SE),
[4]West-Facing is oriented to within 45 degrees of true west, including 4500'00" north of west (NW), but excluding 4500'00" south of west (SW),

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD NRCC-PRF-E

Nonresidential Performance Compliance Method (Page 8 of 13)

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft²)	Total Fenestration Area (ft²)	Window to Wall Ratio (%)
Total	1256.5	0	0
Roof	438	0	0

Notes
[1]North-Facing is oriented to within 45 degrees of true north, including 4500'00" east of north (NE), but excluding 4500'00" west of north (NW),
[2]East-Facing is oriented to within 45 degrees of true east, including 4500'00" south of east (SE), but excluding 4500'00" north of east (NE),
[3]South-Facing is oriented to within 45 degrees of true south, including 4500'00" west of south (SW), but excluding 4500'00" east of south (SE),
[4]West-Facing is oriented to within 45 degrees of true west, including 4500'00" north of west (NW), but excluding 4500'00" south of west (SW),

G4. NONRESIDENTIAL AIR BARRIER

01	02
Building Story Name	Air Barrier
Com-Floor 1	No air barrier

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD NRCC-PRF-E

Nonresidential Performance Compliance Method (Page 9 of 13)

G5. OPAQUE SURFACE ASSEMBLY SUMMARY

01	02	03	04	05	06		07	08	09	10
Surface Name	Construction Type	Area (ft²)	Framing Type	Cavity R-Value	Continuous R-Value		Units	Value	Description of Assembly Layers	Status[1]
					Interior	Exterior				
Slab On Grade6	Underground Floor	438	N/A	0	N/A	N/A	F-factor	0.73	Slab Type =Unheated slab on grade Insulation Orientation =None Insulation R-Value =none	N
R-21 Wall8	Exterior Wall	1,256.5	Wood	21	N/A	N/A	U-factor	0.0695	Vapor permeable felt - 1/8 in. Composite-1 Gypsum Board - 5/8 in.	N
R-38 Roof Rafter15	Roof	438	Wood	38	N/A	N/A	U-factor	0.0301	Plywood - 1/2 in. Composite-2 Gypsum Board - 5/8 in.	N

[1] *Status: N - New, A - Altered, E - Existing*

G6A. OPAQUE DOOR SUMMARY (NONRESIDENTIAL)

01	02	03	04
Assembly Name	Area (ft²)	Overall U-factor	Status[1]
Roll Up Metal Door13	35	1.45	N

[1] *Status: N - New, A - Altered, E - Existing*

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD NRCC-PRF-E

Nonresidential Performance Compliance Method (Page 10 of 13)

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
Equipment Name	Equipment Type	Qty	Heating				Cooling			Economizer Type (if present)	Status[1]
			Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency		
Mini Splits	MiniSplit HP	2	9	0	HSPF2	9	9	EER2 SEER2	11.7 18	N/A	N

[1] *Status: N - New, A - Altered, E - Existing*

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
Name or Item Tag	Qty	Design OA CFM	Supply Fan				Return / Relief Fan					Status[1]
			CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	
Mini Splits	2	0	300	0.03	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N

01	14	15	16	17	18	19
Name or Item Tag	Supply Fan			Return / Relief Fan		
	Modeling Method	Fan Efficiency	Motor Efficiency	Modeling Method	Fan Efficiency	Motor Efficiency
Mini Splits	Brake Horse Power	0.5	0.86	N/A	N/A	N/A

[1] *Status: N - New, A - Altered, E - Existing*

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
Zone Name	Mechanical Ventilation				Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM		
1-Storage Warehouse	NA	0	0	0	438	N/A

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD NRCC-PRF-E

Nonresidential Performance Compliance Method (Page 11 of 13)

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
System ID	System Type	Qty	Rated Capacity (kBtuh)		Airflow (cfm)			Fan			VSD
			Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	
Mini Splits	MiniSplit HP	2	9	9	300	N/A	N/A	0.03	BHP	Continuous	☐

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MCH-E - For all buildings with Mechanical Systems

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction. Lighting controls and mechanical NRCAs must be completed through an Acceptance Test Technician Certification Provider (ATTCP).

Building Component [1]	Form/Title & System Name(s)
Mechanical	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
	Mini Splits
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC
	Mini Splits

[1]*Refer to other prescriptive NRCC forms applicable to the project for additional NRCA tests required that are not included in the NRCC-PRF-E form*

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD NRCC-PRF-E

Nonresidential Performance Compliance Method (Page 12 of 13)

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

There are no certificates applicable to this project

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD NRCC-PRF-E

Nonresidential Performance Compliance Method (Page 13 of 13)

Documentation Author's Declaration Statement

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Jessica Richards - CEA R22-23-40068	Documentation Author Signature: Jessica Richards
Company: Title 24 Data Corporation	Signature Date: 6/17/26
Address: 633 Monterey Trail	CEA/AEA/ECC Certification Identification (if applicable): CEA R22 23-40068
City/State/Zip: Frazier Park, CA 93325	Phone: 661 245-6372

Responsible Person's Declaration statement

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I understand that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building and shall be made available to the enforcement agency for all applicable inspections. I will take the necessary steps to fulfill this requirement.
6. 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. I will take the necessary steps to fulfill this requirement.

Responsible Designer Name:	Responsible Designer Signature:	
Company: Robert William Company		
Address: PO Box 1025	Date Signed:	
City/State/Zip: Santa Paula, CA 93061	License #:	
Phone:	Title:	Scope:

TITLE 24-MECHANICAL

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Scale: NTS

Drawn by: CMG

Date: 06/18/2026

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