THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG ON THIS SHEET'S ORIGINAL PAGE SIZE

MURRIETA VALLEY UNIFIED SCHOOL DISTRICT

E. HALE CURRAN ES RELOCATABLE RESTROOM

40855 CHACO CANYON RD,
MURRIETA, CA 92562



AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

MURRIETA VALLEY
UNIFIED SCHOOL DISTRICT

HMC Architects
DESIGN FOR GOOD
3219-030-000
201 LOMAS SANTA FE DR, STUDIO 200, SOLANA BEACH, CA, 92075
619 744 4077 / www.hmcarchitects.com

LICENSED ARCHITECT
BRIDGET SHIRLEE TEGMAN
C-35200
REN. 09/30/25
STATE OF CALIFORNIA

PROJECT TEAM

CLIENT
MURRIETA VALLEY USD
41870 McALBY COURT MURRIETA, CA 92562
(951) 696-1600

CIVIL
PLSA ENGINEERING
119 ABERDEEN DR., CARDIFF-BY-THE-SEA, CA 92007
(858) 259-8212

ELECTRICAL AND FIRE ALARM
SALAS O'BRIEN
3220 EXECUTIVE RIDGE, SUITE 210 VISTA, CA 92081
(760) 560-0100

MODULAR
SILVER CREEK MODULAR
2830 BARRETT AVENUE PERRIS, CA 92571
(951) 943-5393

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
COVER SHEET

DSA Submittal 04-124823

DATE: **2025.08.19** | CLIENT PROJ NO:

SHEET:

G0.10

Autodesk Docs://2219030000 MVUSD E HALE CURRAN ES RESTROOM RELO R22/2219030000-A-MVUSD-E HALE CURRAN ES.rvt
9/12/2025 8:13:11 PM

PLEASE RECYCLE

THE LINE SHOWN ABOVE IS EQUAL TO ONE INCH ON ALL PAPER SIZES OTHER THAN ANSI D, IF PLOTTED AT FULL SIZE

GENERAL NOTES

1. CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT.
2. THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
3. PERFORMANCE BY THE CONSTRUCTION TEAM SHALL BE CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AS NECESSARY TO DELIVER THE INDICATED RESULTS OF THE DESIGN INTENT.
4. VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.
5. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS.
6. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
7. WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.
8. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
9. DETAILS MARKED 'TYPICAL' SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
10. ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED. REPLACE OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION.
11. PRIOR TO THE START OF WORK THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
12. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
13. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS SHALL NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD.
14. ALL WORK SHALL CONFORM TO 2022 EDITION TITLE 24, CALIFORNIA CODE OF REGULATION (CCR)
15. THE LIMIT OF WORK LINE SHOWS THESE DRAWINGS IS AN APPROXIMATE LIMIT OF WORK ONLY. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL WORK, INCLUDING BUT NOT LIMITED TO INSTALLATION OF CONDUIT, MANHOLES, PULLBOXES, ETC WHICH ARE TO BE PART OF THIS WORK, ALTHOUGH OCCURING OUTSIDE OF SHOWN LIMIT OF WORK LINES.
16. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
17. SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CFC CHAPTER 33.
18. CONTRACTOR IS TO REVIEW AND COMPLY WITH ALL REQUIREMENTS AND MITIGATION MEASURES SET FORTH IN BOTH THE ENVIRONMENTAL IMPACT REPORT (ADDENDUM TO THE ENVIRONMENTAL IMPACT REPORT (SCH NO. 2002071120 INCLUDING ATTACHED BIOLOGICAL RESOURCES TECHNICAL REPORT.
19. NO DUMPING OR PLACING OF ANY DIRT OR DEBRIS SHALL BE ALLOWED OUTSIDE OF THE CONTRACTORS LIMIT OF WORK AREA.
20. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
21. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 CCR.
22. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. INSPECTOR TO BE CLASS 3 & RBIP.
23. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. THE REPORTS SHALL BE SUBMITTED TO ARCHITECT OF RECORD, STRUCTURAL ENGINEER OF RECORD, OWNER, INSPECTOR OR RECORD. AND THE DSA FIELD ENGINEER. THE REPORTS OF ANY FAILURES OF TESTS AND INSPECTIONS ARE TO BE SUBMITTED TO DSA DISTRICT STRUCTURAL ENGINEER.
24. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR., A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)

RELOCATABLE NOTES

1. FIRE ALARM SYSTEMS TO BE TESTED AND CERTIFIED PER NFPA 72.
2. ALL FIRE ALARM DEVICES ARE REQUIRED TO BE TIED INTO THE CAMPUS FIRE ALARM SYSTEM PER CALIFORNIA FIRE CODE, 907.2.
3. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION: IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CHANGE ORDER, OR A SEPERATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

ACCEPTANCE TESTING REQUIREMENTS

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

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

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

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

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

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

FIRE SAFETY PLAN

1. A COMPLETED SITE FIRE SAFETY PLAN SHALL BE SUBMITTED TO DSA IN CONJUNCTION WITH THE FILLING OF FORM DSA-102 IC: CONSTRUCTION START NOTICE / INSPECTION CARD REQUEST, INCLUSIVE OF COMPLETING SECTION 3 OF THE FORM PER DSA BU 24-05.

CODES

PARTIAL LIST OF APPLICABLE CODES

2022	CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2022	CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2021 INTERNATIONAL BUILDING CODE VOLUMES 1 & 2 AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2021 UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2022	CALIFORNIA HISTORICAL BUILDING CODE (CHBC), PART 8, TITLE 24 C.C.R.
2022	CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R. (2021 INTERNATIONAL EXISTING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
2022	CALIFORNIA REFERENCED STANDARDS, PART 12,TITLE 24 C.C.R.
TITLE 19	C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	STANDARD FOR AUTOMATIC FIRE SPRINKLER SYSTEMS (CA AMENDED)	2022 ED.
NFPA 14	STANDARD FOR STANDPIPE AND HOSE SYSTEMS (CA AMENDED)	2019 ED.
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2021 ED.
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2021 ED.
NFPA 20	STANDARD FOR STATIONARY PUMPS FOR FIRE PROTECTION	2019 ED.
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2018 ED.
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE MAINS AND THEIR APPURTENANCES (CA AMENDED)	2019 ED.
NFPA 72	NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)	2022 ED.
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2019 ED.
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)	2018 ED.
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 (R2014)
UL 464	AUDIBLE SIGNAL APPLIANCES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 ED.
UL 521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 ED. (R2005)
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 ED. (R2018)
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPING SEATING AND GRANDSTANDS	2017 ED.

FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFOA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

STATEMENT OF GENERAL CONFORMANCE

IR A-18

USE OF CONSTRUCTION DOCUMENTS PREPARED BY OTHER DESIGN PROFESSIONALS

APPENDIX A: EXAMPLE STATEMENT OF GENERAL CONFORMANCE FOR DPGRC

STATEMENT OF GENERAL CONFORMANCE

Application No.: 04 124823

File No.: 33-32

The drawings identified as follows:

☐ All drawing sheets included in this set not bearing my stamp and signature.

☒ Drawing sheets denoted in the sheet index as follows: (*)

☒ Drawing sheets included under the following PC approval(s): PC#04-122000

have been prepared by other design professionals or consultants who are licensed and authorized to prepare such drawings (plans) in this state. They have been examined by me for:

1) Design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and

2) Coordination with my drawings (plans) and specifications and are acceptable for incorporation into the construction of this project.

Per Title 24, Part 1, Section 4-316(b): This Statement of General Conformance shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344 of Title 24, Part 1.

Bridget Flecky — 09/12/2025

Signature — Date

Bridget Flecky	C-35200	09/30/2025
Printed Name	License Number	Expiration Date

PROJECT DESCRIPTION

GENERAL DESCRIPTION OF WORK

NEW FLATWORK AT THE ADMINISTRATION PARKING LOT, PATH OF TRAVEL TO ADMIN. BUILDING, AND DROP-OFF AREA.

INSTALLATION OF A PC APPROVED RELOCATABLE RESTROOM BUILDING P (480 SF) AND PC APPROVED RAMP.

PROJECT DATA

PROJECT ADDRESS

E HALE CURRAN ELEMENTARY
40855 CHAO CANYON RD
MURRIETA, CA 92562

PROJECT INFORMATION

BUILDING NAME: P

YEAR BUILT: TO BE BUILT

TYPE OF CONSTRUCTION: TYPE V - B

OCCUPANCY: E

ZONE: CIVIC/INSTITUTIONAL (C/I)

AUTOMATIC FIRE SPRINKLER SYSTEM: NONE

NUMBER OF STORIES: 1

BUILDING AREA: 480 SQ. FT.

SHEET INDEX

#	NAME
	GENERAL SHEET
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G0.11	PROJECT DATA SHEET
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C1.10	GRADING AND UTILITY PLAN
C1.20	GRADING AND UTILITY PLAN
C2.10	EROSION CONTROL PLAN
C3.10	DETAILS
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A1.02	ENLARGED DEMOLITION PLAN
A1.11	CAMPUS SITE PLAN
A1.21	ENLARGED SITE PLAN 1
A1.22	ENLARGED SITE PLAN 2
A1.23	ENLARGED DROP-OFF
A10.01	SITE DETAILS
A10.81	SIGNAGE DETAILS
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E1.21	ELECTRICAL ENLARGED FLOOR PLAN
E4.1	SINGLE LINE DIAGRAM AND LOAD SUMMARY
E5.1	ELECTRICAL DETAILS
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	FIRE ALARM
FA0.1	FIRE ALARM LEGEND AND GENERAL NOTES
FA0.2	FIRE ALARM CALCULATIONS
FA1.11	FIRE ALARM SITE PLAN
FA1.21	ELECTRICAL ENLARGED FLOOR PLAN
FA4.1	RISER DIAGRAM
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N	
A-5.51	ARCHITECTURAL DETAILS
N	
A-103	FLOOR/ELECTRICAL& REFLECTED CEILING
B-N	PLANS
P-1.03	PLUMBING PLAN
E-N	
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	ARCHITECTURAL PC*
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A-0.2	SCHEDULES
A-0.6A	CERTIFICATE OF COMPLIANCE FORMS
A-0.6B	CERTIFICATE OF COMPLIANCE FORMS

#	NAME
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A-0A	T & I FORMS
A-1.03	FLOOR PLAN
B	
A-2.03	REFLECTED CEILING PLAN
A-2.21	CEILING DETAILS
A-3.01	ROOF PLAN
A-3.50	ROOF DETAILS
A-4.06	EXTERIOR ELEVATION
A-5.01	CROSS SECTION
A-5.05	CROSS SECTION
A-5.51	ARCHITECTURAL DETAILS
A-5.70	ARCHITECTURAL DETAILS
A-5.81	ARCHITECTURAL DETAILS
A-6.02	INTERIOR ELEVATIONS FLOOR MOUNTED "ADULT HEIGHT"
A-6.04	INTERIOR ELEVATIONS FLOOR MOUNTED AGE 5-8
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F-0.50	FOUNDATION DETAILS
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	STRUCTURAL PC*
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S-1.01	FLOOR FRAMING PLAN WOOD FLOOR
S-1.50	FLOOR FRAMING DETAILS
S-2.01	ROOF FRAMING PLAN
S-2.50	ROOF FRAMING DETAILS
S-2.60	ROOF FRAMING DETAILS
S-3.01	BUILDING SECTIONS
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E	
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2	
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1	
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1	
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2	
	Grand total: 69

SYMBOL LEGEND

NORTH ARROW
TICK INDICATES PLAN NORTH
ARROW INDICATES TRUE NORTH

ELEVATION CALLOUT (TYPICAL FOR EXTERIOR)
LOCATION ON SHEET
SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT (TYPICAL FOR INTERIOR)
LOCATION ON SHEET
SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT - ALT. (FOR EXTERIOR AND INTERIOR)
LOCATION & SHEET WHERE ELEVATION IS DRAWN

SECTION CALLOUT
INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN

DETAIL CALLOUT
INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN

CONTROL OR DATUM POINT
NAME OF ELEVATION (IF APPLICABLE)
ELEVATION ABOVE FINISHED FLOOR

GRID BUBBLE
EXISTING BUILDING GRID SYMBOL
GRID NUMBER
NEW BUILDING GRID SYMBOL

DOOR CALLOUT
DOOR NUMBER

INTERIOR FINISH CALLOUT
MATERIAL FINISH TYPE (SEE FINISH SCHEDULE)

WINDOW CALLOUT
WINDOW NUMBER (SEE WINDOW SCHEDULE)

WALL TYPE CALLOUT
WALL TYPE MARK - SEE A10.11
WALL STC RATING
WALL FIRE RATING TYPE

MATCHLINE REFERENCE
LOCATION ON SHEET
SHEET WHERE PLAN IS DRAWN

KEYNOTE
KEYNOTE NUMBER (SEE LEGEND ON SHEET)

ROOM EXITING INFORMATION
AREA (SQ FT)
OCCUPANT LOAD (AREA DIVIDED BY LOAD FACTOR)
OCCUPANT LOAD FACTOR (REFER TO TABLE 1004.5)
OCCUPANCY TYPE
NUMBER OF EXITS REQUIRED (REFER TO TABLE 1006.2.1)

WIC CASEWORK TAG
MANUFACTURER REFERENCE AND MODEL NUMBER
LOCK
CABINET DEPTH
CABINET HEIGHT
CABINET WIDTH

SHEET NUMBER SYSTEM

DISCIPLINE		SHEET TYPE		BUILDING LETTER, SEGMENT, (USER DEFINED)
G	GENERAL	0	CODE ANALYSIS, NOTES	
C	CIVIL	1	SITE PLAN	
L	LANDSCAPE	2	FLOOR PLAN	USED ONLY IF
A	ARCHITECTURE	3	CEILING PLAN	REQUIRED IF NOT
I	INTERIORS	4	ROOF PLAN	COLUMN IS OMITTED
Q	EQUIPMENT	5	EXTERIOR ELEVATIONS	
S	STRUCTURAL	6	SECTIONS	
P	PLUMBING	7	ENLARGED PLANS	
M	MECHANICAL	8	INTERIOR ELEVATIONS	
E	ELECTRICAL	9	SCHEDULES	
FA	FIRE ALARM	10	DETAILS	
T	TELECOM			
AV	AV EQUIPMENT			
K	KITCHEN			
FP	FIRE PROTECTION			

SERIES ORDER
SHEET TYPE
DISCIPLINE
SEGMENT (IF APPLICABLE)
A A 1.1 1 A.A
BUILDING LETTER (IF APPLICABLE)
USER DEFINED (IF APPLICABLE)
FLOOR LEVEL OR SEQUENTIAL ORDER

ABBREVIATIONS

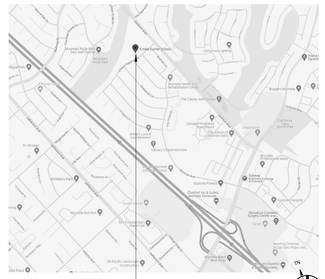
(E)	EXISTING
AB	ANCHOR BOLT
AC PAVING	ASPHALTIC CONCRETE PAVING
ACC	ACCESSIBLE
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT/ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
AHU	AIR HANDLING UNIT
ARCH	ARCHITECTURAL
ATT	ATTENUATION
AUTO	AUTOMATIC
BD	BOARD
BLCG	BLOCKING
BLDG	BUILDING
BUR	BUILT UP ROOFING
CABT	CABINET
CF	CUBIC FEET
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED
CG	CORNER GUARD
CJ	CONTROL JOINT
CL	CENTER LINE
CLF	CHAIN LINK FENCE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
COMP	COMPRESSION / COMPOSITE
CF	CUBIC FEET
COORD	COORDINATE
CORR	CORRUGATED
CT	CERAMIC TILE
CTSK	COUNTER SKUNK
CW	CURTAINWALL
DEPR	DEPRESSED / DEPRESSION
DF	DRINKING FOUNTAIN
DIM	DIMENSION
DISP	DISPENSER
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
E/W	EACH WAY
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION / ELEVATOR
ENCL	ENCLOSE / ENCLOSURE
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EQ	EQUAL
ESC	EXCUTCHEON
EWC	ELECTRIC WATER COOLER
EXP	EXPOSED
FA	FIRE ALARM
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER W/ CABINET
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FSH	FLAT HEAD SCREW
FIN	FINISH
FLR	FLOOR
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FP	FIREPROOFING
FR	FIRE RATED
FRG	FIRE RATED GLASS
FRP	FIBERGLASS REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FS	FINISH SURFACE
FTG	FOOTING
GB	GRAB BAR
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS TYPE
GLB	GLUE LAMINATED BEAM
GYP BD	GYPSUM BOARD
GYP PLAS	GYPSUM PLASTIC
HB	HOSE BIBB
HD	HEAVY DUTY
HDR	HEADER
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HP	HIGH POINT
HSS	HOLLOW STEEL SECTION
ID	INSIDE DIAMTER
INT	INTERIOR
INV	INVERT
LANDS	LANDSCAPE
LAV	LAVATORY
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
LT WT	LIGHT WEIGHT
LVR	LOUVER
MACH	MACHINE
MB	MACHINE BOLT
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MO	MASONRY OPENING
MTD	MOUNTED
MTL	METAL
NIC	NOT IN CONTRACT
NR	NON RATED
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
O/	OVER
O/A	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OFVI	OWNER FURNISHED, VENDOR INSTALLED
OH	OPPOSITE HAND
OPER	OPERABLE
OPNG	OPENING
ORD	OVERFLOW ROOF DRAIN
P/L	PROPERTY LINE
PA	PUBLIC ADDRESS
PAF	POWDER ACTUATED FASTENER
PCC	PORTLAND CEMENT CONCRETE PAVING
PED	PEDESTRIAN
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PH	PANIC HARDWARE
PIV	POST INDICATOR VALVE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLUMB	PLUMBING
PNL	PANEL
PNT	PAINT / PAINTED
POC	POINT OF CONNECTION
POLY ISO	POLYISOCYANURATE
PREFIN	PREFINISHED
PREP	PREP / PREPARATION
PTC	POST TENSIONED CONCRETE
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PTS	PNEUMATIC TUBE STATION / SYSTEM
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QT	QUARRY TILE
R	RADIUS, RISER
RB	RESILIENT BASE
RD	ROOF DRAIN
RECEPT	ECEPTACLE
REF	REFERENCE
REFL	REFLECT(ED), (IVE)
REFL	REFLECT(ED), (IVE)
REFR	REFRIGERATOR
REINF	REINFORCE/REINFORCED/ REINFORCEMENT
REM	REMOVE
RH	ROUND HEAD
RHS	ROUND HEAD SCREW
RO	ROUGH OPENING
ROW	RIGHT OF WAY
SCH	SCHEDULE (FOR PIPE)
SCHED	SCHEDULE / SCHEDULING
SD	STORM DRAIN / SOAP DISPENSER
SECT	SECTION
SG	SAFETY GLASS
SHT	SHEET
SHTG	SHEATHING
SMS	SHEET METAL SCREW
SND	SANITARY NAPKIN DISPOSAL
SOV	SHUT OFF VALVE
SPEC	SPECIFICATIONS
SS	STAINLESS STEEL
STC	SOUND TRAMISSION CLASS
STL	STEEL
STSMS	SELF TAPPING SHEET METAL SCREW
SUSP	SUSPENDED
SV	SHEET VINYL
SYM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
TO	TOP OF
TOC	TOP OF CURB / CONCRETE
TOP	TOP OF PARAPET
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TS	TACKABLE SURFACE
U/C	UNDER CABINET (OR COUNTER
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
VAC	VACUUM
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VIF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W/	WITH
W/O	WITHOUT
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WGT	WEIGHT
WH	WATER HEATER
WP	WATERPROOFING/WALL PROTECTION
WR	WATER RESISTANT
WRGB	WATER RESISTANT GYPSUM BOARD
WS	WOOD SCREW
WSCT	WAINSCOT
WWF	WELDED WIRE FABRIC

NOTE:
OTHER ABBREVIATIONS USED ON THESE DRAWINGS ARE CONSIDERED STANDARDS IN THE BUILDING INDUSTRY. CONTACT ARCHITECT FOR NECESSARY CLARIFICATION.

STATE MAP



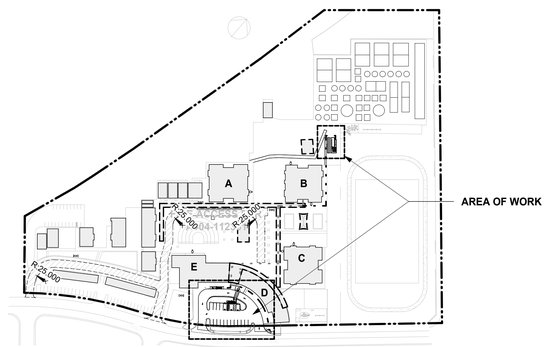
VICINITY MAP



PROJECT LOCATION:
40855 CHACO CANYON ROAD,
MURRIETA, CA 92563

PN

OVERALL SITE PLAN



AGENCY APPROVAL:

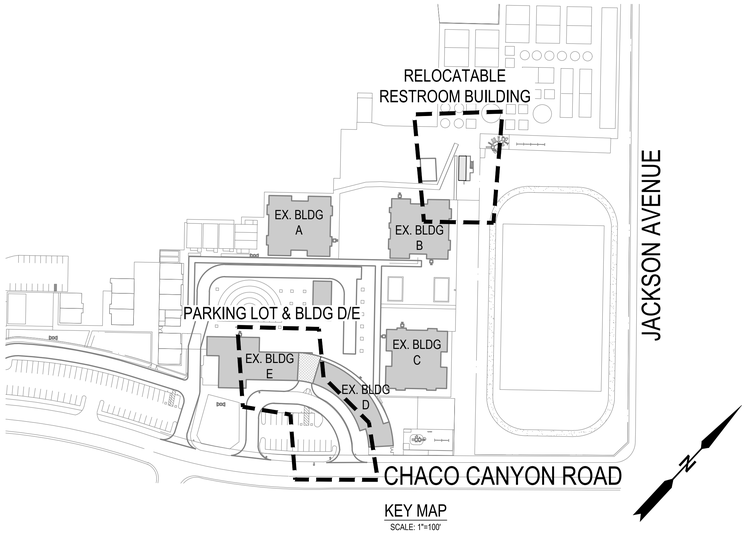
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
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MURRIETA VALLEY UNIFIED SCHOOL DISTRICT

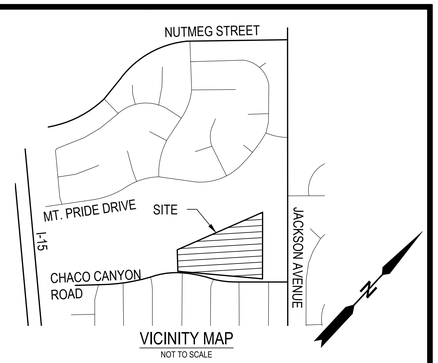
40855 CHACO CANYON ROAD
MURRIETA, CA 92562

E HALE CURRAN ELEMENTARY SCHOOL

RELOCATABLE RESTROOM



KEY MAP
SCALE: 1"=100'



VICINITY MAP
NOT TO SCALE

CIVIL ENGINEER'S NOTE TO CONTRACTOR

1. ALL LANDSCAPE AREAS SHALL BE GRADED TO SLOPE AWAY FROM STRUCTURES AND PROPERTY LINES TOWARD LANDSCAPE DRAINAGE SWALES AND OR SITE DRAIN INLETS AT 2% MINIMUM GRADIENT (1% WHERE FLOW IS CONCENTRATED). SMOOTH FINISH GRADES TO ELIMINATE PONDING OR STANDING WATER.
2. ALL LANDSCAPE DRAINS SHALL BE 4" MINIMUM CONSTRUCTED WITH RIGID BELOW GRADE PIPING WITH A 1% MINIMUM GRADIENT UNLESS OTHERWISE NOTED.
3. LANDSCAPE DRAINS, CATCH BASINS, INLETS, ETC. SHOWN HEREON ARE DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE COMPLETE DRAINAGE SYSTEMS AND ADJUST THE LAYOUT AS REQUIRED TO MATCH SITE CONDITIONS AND OR MINOR DISCREPANCIES WITH THESE PLANS.
4. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO MAINTAIN PROPER DRAINAGE AND EROSION CONTROL DURING CONSTRUCTION.
5. CONTRACTOR SHALL NOTIFY ENGINEER UPON THE DISCOVERY OF AREAS WHICH DO NOT DRAIN PROPERLY OR ANY OTHER DISCREPANCY OR AREA WHICH HAS NOT BEEN ADEQUATELY ADDRESSED AS A RESULT OF A FIELD CONDITION OR ANOMALY IN THE TOPOGRAPHY.
6. HARDSCAPE GRADES SHALL BE 0.02' BELOW DRIP SCREED AT HIGHEST POINT NEAR STRUCTURE AND SHALL SLOPE AT A 1% MINIMUM GRADE TO DRAINS OR LANDSCAPE AREAS. HARDSCAPE SHALL SLOPE AND DRAIN AWAY FROM THE STRUCTURE UNLESS OTHERWISE NOTED.
7. THE HIGHEST ADJACENT GRADE AGAINST STRUCTURE FOOTINGS SHALL BE PER THE LATEST GREEN BOOK STANDARD.
8. DEEPENED FOOTINGS OR YARD DRAINS SHOULD BE CONSIDERED IF THE SIDE YARD CROSS SLOPES EXCEED 10%. CONTRACTOR TO VERIFY WITH OWNER OR DEVELOPER.
9. EARTHWORK QUANTITIES SHOWN HEREON ARE RAW QUANTITIES CALCULATED FOR PERMIT AND OR BONDING PURPOSES ONLY. UNLESS NOTED, THEY DO NOT INCLUDE POTENTIAL SHRINKAGE OR BULKING FACTORS, REMEDIAL GRADING, FOOTING SPOILS, UTILITY TRENCH SPOILS, ETC. THE CONTRACTOR SHALL VERIFY QUANTITIES TO THEIR OWN SATISFACTION.
10. THE LOCATIONS OF UNDERGROUND STRUCTURES AND UTILITIES SHOWN HEREON HAVE BEEN OBTAINED FROM AVAILABLE RECORDS FOR THE BENEFIT OF THE CONTRACTOR. THE DEPICTION OF UTILITIES SHOWN ON THESE PLANS DOES NOT CONSTITUTE A GUARANTEE OF THEIR EXACT LOCATION, DEPTH, SIZE, OR TYPE. EXACT LOCATION, DEPTH, TYPE AND SIZE MAY BE VERIFIED BY POTHOLING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT ALL UNDERGROUND AND/OR OVERHEAD STRUCTURES AND/OR UTILITIES WHETHER OR NOT THEY ARE SHOWN HEREON.
11. CONTRACTOR SHALL NOTIFY DIGALERT @ 800-227-2600 OR UNDERGROUND SERVICE ALERT (USA) @ 800-422-4133 AT LEAST TWO DAYS BEFORE START OF CONSTRUCTION.
12. CONTRACTOR IS RESPONSIBLE FOR POTHOLING PRIOR TO START OF CONSTRUCTION TO VERIFY ALL ELEVATIONS OF EXISTING UNDERGROUND UTILITIES.
13. MSE/ WALLS SHALL BE CONSTRUCTED WITH FULL SPECIAL INSPECTION BY OTHERS ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
14. MSE/KEYSTONE RETAINING WALLS SHALL BE CERTIFIED BY THE SOILS ENGINEER OF WORK AS BEING CONSTRUCTED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AGENCY APPROVAL OF THE ROUTE AND SITE LOCATION FOR EXPORT AND OR IMPORT MATERIALS.
16. FOOTING SUBGRADE MATERIAL SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO FORMING OR STEEL PLACEMENT FOR ALL EARTH RETAINING STRUCTURES.
17. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR AGREES TO DEFEND, INDEMNIFY AND HOLD THE JURISDICTIONAL AGENCY AND THE DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT. EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE JURISDICTIONAL AGENCY OR DESIGN PROFESSIONAL.

SPECIAL NOTES

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF WORK.

I. NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS, THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.

2. CONTRACTOR AGREES THAT HE 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; AND THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE ARCHITECT AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ARCHITECT OR THE ENGINEER.

3. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL SLOPES, STREETS, UTILITIES AND STORM DRAINS ARE BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL SUBMIT AN RFI TO THE ARCHITECT FOR DISTRIBUTION TO AND RESPONSE BY THE CIVIL ENGINEER PRIOR TO PERFORMING ANY WORK RELATED TO THE AREA(S) IN QUESTION. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM HIS OPERATIONS BY APPROPRIATE MEANS (GRAVEL BAGS, HAY BALES. TEMPORARY DESILTING BASINS, DIKES, SHORING, ETC) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY WHATEVER AGENCY OR ASSOCIATION IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE.

4. BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY.

5. LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.

6. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND AT THE EXPENSE OF THE CONTRACTOR.

7. CONTRACTOR SHALL NOTIFY THE SAN DIEGO GAS & ELECTRIC COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES. FOR LOCATION OF ELECTRICAL CABLES, GAS PIPING AND APPURTENANCES CONTACT THE SAN DIEGO GAS & ELECTRIC COMPANY. TELEPHONE: 800-422-4133.

8. CONTRACTOR SHALL NOTIFY THE TELEPHONE COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES FOR LOCATION OF CABLES AND APPURTENANCES.

9. WHERE TRENCHES ARE WITHIN EASEMENTS OR WITHIN 10' OF ANY BUILDING, A REPORT SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED SOILS ENGINEER WHICH INDICATES THAT TRENCH BACKFILL WAS COMPACTED UNDER THE OBSERVATION OF THE SOILS ENGINEER AND IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS

10. ALL GRADING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED SOILS ENGINEER. ALL AREAS TO BE FILLED SHALL BE PREPARED TO BE FILLED AND ALL FILL SHALL BE PLACED IN ACCORDANCE WITH THE GRADING SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT THE FILL IN STRICT ACCORDANCE WITH THE SPECIFICATIONS.

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS AND THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE (CBC). SEE PAGE CS FOR APPLICABLE CODES FOR THIS PROJECT.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND USA ALERT (1- 800-422-4133) 48 HOURS PRIOR TO GRADING.
3. DUST SHALL BE CONTROLLED BY WATERING OR OTHER METHODS APPROVED BY THE SCHOOL DISTRICT.
4. CUT SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE APPROVED, AND SHALL BE SHOWN ON THE PLAN.
5. FILL SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE APPROVED, SHALL BE SHOWN ON PLAN, AND SHALL NOT HAVE LESS THAN 95% RELATIVE COMPACTION OUT TO THE FINISHED SURFACE.
6. FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED AND INSPECTED BY THE GRADING INSPECTOR AND APPROVED SOILS TESTING AGENCY PRIOR TO THE PLACING OF FILL.
7. ALL FILL MATERIAL SHALL BE CLEAN EARTH, NO FILL SHALL BE PLACED UNTIL PREPARATION OF GROUND IS APPROVED BY THE SOILS ENGINEER.
8. FINISH GRADE SHALL BE SLOPED AWAY FROM ALL EXTERIOR WALLS AT NOT LESS THAN ½ INCH PER FOOT FOR A MINIMUM OF 3 FEET, THEN 1% (MINIMUM) TO FLOW LINE OF EARTH SWALE.
9. NO OBSTRUCTION OF FLOOD PLAINS OR NATURAL WATERCOURSES SHALL BE PERMITTED.
10. APPROVED PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT ADJOINING PROPERTIES DURING THE GRADING PROJECT
11. APPROVED EROSION PREVENTIVE DEVICES SHALL BE PROVIDED AND MAINTAINED DURING THE RAINY SEASON AND SHALL BE IN PLACE AT THE END OF EACH DAYS WORK.
12. ALL WORK SHALL CONFORM TO THE CITY AND STATE CONSTRUCTION SAFETY ORDERS.
13. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.
14. AN APPROVED SET OF GRADING PLANS SHALL BE ON THE JOB SITE AT ALL TIMES.
15. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE FROM BEGINNING TO COMPLETION OF GRADING OPERATIONS.
16. ALL SLOPES SHALL BE PLANTED AND IRRIGATION FACILITIES SHALL BE PROVIDED FOR ALL SLOPES IN EXCESS OF 3 FEET VERTICAL HEIGHT WITHIN 90 DAYS AFTER COMPLETION OF ROUGH GRADING.
17. ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THESE PLANS.

ABBREVIATIONS

AC	ASPHALT CONCRETE	FM	FORCE MAIN	PVC	POLYVINYL CHLORIDE
ADA	AMERICAN WITH DISABILITIES ACT	FS	FINISHED SURFACE	R/W	RIGHT-OF-WAY
		GB	GUY ANCHOR	SCO	SEWER CLEANOUT
BFD	BACKFLOW DEVICE	GA	GRADE BREAK	SD	STORM DRAIN
BLDG	BUILDING	GFF	GARAGE FINISH FLOOR	SDCO	STORM DRAIN CLEANOUT
BS	BOTTOM OF STAIRS	GP	GUY POLE		
BW	BOTTOM OF WALL	GV	GAS VALVE	SDMH	STORM DRAIN MANHOLE
C&G	CURB & GUTTER	HP	HIGH POINT	SL	STREET LIGHT
CB	CATCH BASIN	HT	HEIGHT	SMH	SEWER MANHOLE
CF	CURB FACE	INV	INVERT ELEVATION	TC	TOP OF CURB
CMU	CONCRETE MASONRY UNIT	MH	MANHOLE	TG	TOP OF GRATE
		MIN	MINIMUM	TOS	TOP OF SLAB
CO	CLEANOUT	PA	PLANTER AREA	TS	TOP OF STAIRS
COMM	COMMUNICATIONS	PBOX	PULL BOX	TW	TOP OF WALL
CONC	CONCRETE	P/L	PROPERTY LINE	TYP	TYPICAL
DS	DOWNSPOUT	POC	POINT OF CONNECTION	WAR	WATER AIR RELEASE
EG	EDGE OF GUTTER	POT	PATH OF TRAVEL	WM	WATER METER
ELEC	ELECTRICAL	PP	POWER POLE	WV	WATER VALVE
EX	EXISTING	PROP	PROPOSED		
FF	FINISH FLOOR				
FG	FINISHED GRADE				
FL	FLOW LINE				

AGENCY NOTIFICATIONS

NOTE: THE CONTRACTORS SHALL NOTIFY THE UNDERGROUND SERVICE ALERT FORTY-EIGHT (48) HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION BY CONTACTING (800) 422-4133

UNDERGROUND SERVICE ALERT

CALL 811

TWO WORKING DAYS BEFORE YOU DIG

LEGEND

	QUANTITY
SAWCUT	60 LF
ADA PATH OF TRAVEL	
0" CURB	44 LF
6" CURB	76 LF
6" CURB AND GUTTER	16 LF
PROPOSED AC PAVEMENT	781 SF
PROPOSED BUILDING	
PROPOSED CONCRETE PAVEMENT	1,748 SF
PROPOSED GRIND AND OVERLAY	
UTILITY BUILDING POINT OF CONNECTION	2 EA
EX. SEWER PIPE	
PROP. SEWER PIPE	12 LF
SEWER CLEANOUT	1 EA
EX. WATER PIPE	
PROP. WATER PIPE	9 LF
EX. STORM DRAIN	

PROJECT ADDRESS

E HALE CURRAN ELEMENTARY SCHOOL
40855 CHACO CANYON ROAD
MURRIETA, CA 92562

SOURCE OF TOPOGRAPHY

TOPOGRAPHY SHOWN ON THESE PLANS WAS GENERATED BY A FIELD TOPOGRAPHIC SURVEY PREPARED BY PLSA DATED MARCH 10, 2025.

BENCHMARK

THE BENCHMARK FOR THIS SITE IS A RIVERSIDE COUNTY CONTROL MONUMENT. DESIGNATED AS A 3" ALUMINUM DISC IN CONCRETE CYLINDER AT THE NORTHWEST CORNER OF KEITH ROAD AND GRAND AVENUE.
ELEVATION = 1199.072 FEET (NGVD 29).

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, NAD 83 (CCS83) EPOCH 2017.50, ZONE 6, AS ESTABLISHED FROM CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) DLUZ AND CASE DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) AND/OR NATIONAL GEODETIC SURVEY (NGS), RESPECTIVELY. BEARING. N 72°25'1" W.

SHEET INDEX

SHEET NO.	DESCRIPTION
C1.10	TITLE SHEET
C1.20	GRADING & UTILITY PLAN
C2.10	EROSION CONTROL PLAN
C3.10	DETAILS

PLSA
PLSAENGINEERING.COM

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025



41870 McALBY COURT
MURRIETA, CALIFORNIA 92562
PHONE: (951) 969-1600
WWW.MURRIETA.K12.CA.US

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261 LOMAS SANTA FE DR. STUDIO
200, SOLANA BEACH, CA, 92075
619 744 4077 / www.hmcarchitects.com

LICENSED ARCHITECT
BRIDGET SHIRLEE FLEENY
C-35200
REN. 09/30/25
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

ENGINEER OF RECORD

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SCHUMACHER
No. 84265
12-31-25
Civil
STATE OF CALIFORNIA

NOTES

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
TITLE SHEET

DSA Submittal 04-124823

DATE: **2025.07.28** | CLIENT PROJ NO:

SHEET:

C1.10

NOTES

1. CONTRACTOR TO POTHOLE EXISTING UTILITIES AND VERIFY DEPTH AND LOCATION PRIOR TO START OF CONSTRUCTION.
2. THE LOCATIONS OF UNDERGROUND STRUCTURES AND UTILITIES SHOWN HEREON HAVE BEEN OBTAINED FROM AVAILABLE RECORDS FOR THE BENEFIT OF THE CONTRACTOR. THE DEPICTION OF UTILITIES SHOWN ON THESE PLANS DOES NOT CONSTITUTE A GUARANTEE OF THEIR EXACT LOCATION, DEPTH, SIZE OR TYPE. EXACT LOCATIONS, DEPTH, SIZE, AND/OR TYPE MAY BE VERIFIED BY POTHOLING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT ALL UNDERGROUND AND/OR OVERHEAD STRUCTURES AND/OR UTILITIES WHETHER OR NOT THEY ARE SHOWN HEREON.

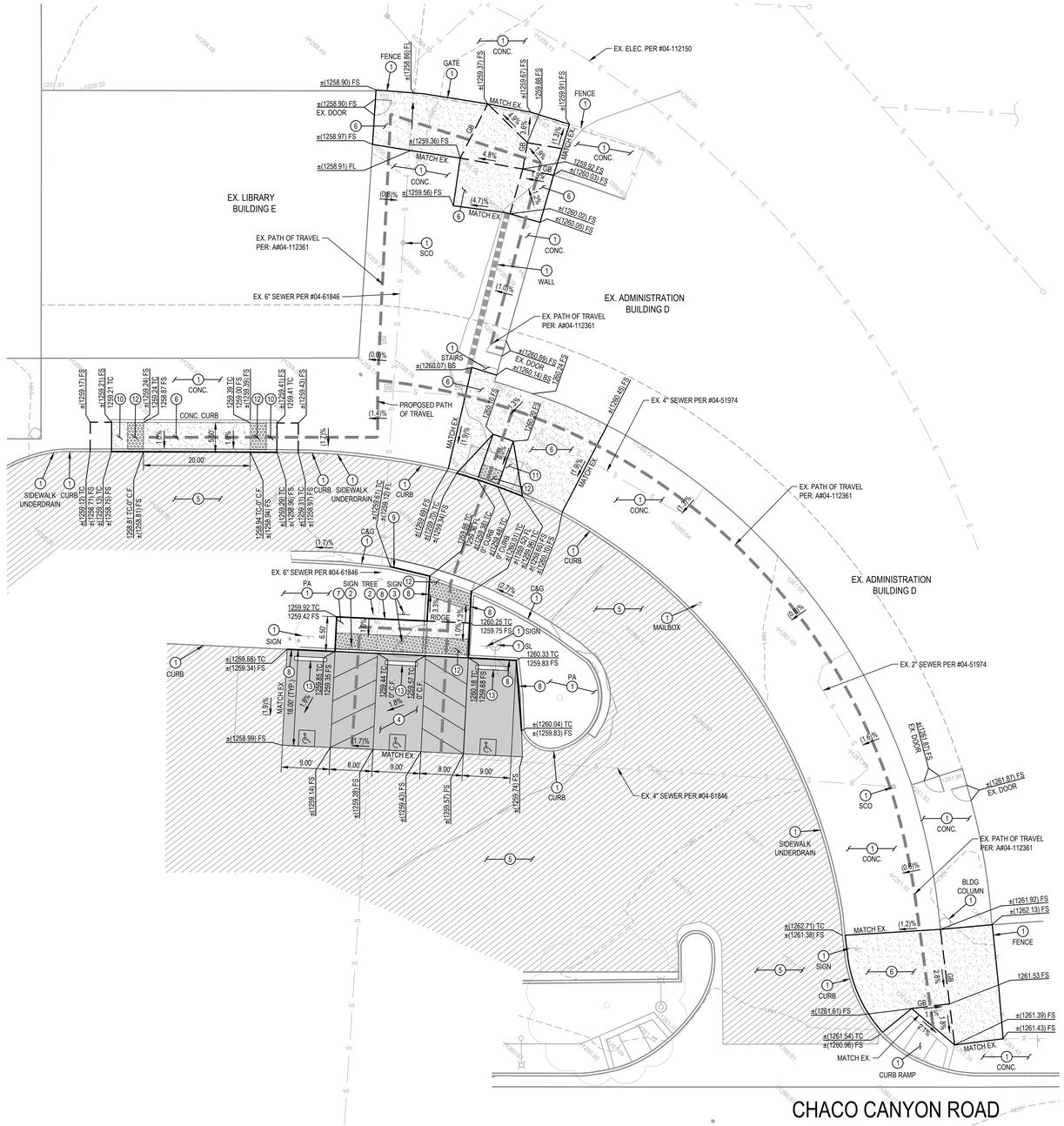
** CONTRACTOR TO POTHOLE AND VERIFY ALL UTILITY CONNECTIONS PRIOR TO CONSTRUCTION

CONSTRUCTION NOTES

1. PROTECT IN PLACE (ITEM PER PLAN).
2. REMOVE ITEM (ITEM PER PLAN).
3. RELOCATE ITEM (ITEM PER PLAN).
4. CONSTRUCT AC PAVING OVER BASE (MATCH EXISTING PARKING LOT SECTION).
5. GRIND EXISTING AC PAVEMENT TO A DEPTH 1 ½ INCHES AND REPAVE WITH AC PAVEMENT OVERLAY TO MATCH EXISTING GRADE PRIOR TO GRIND. RE-STRIPE PARKING STALLS AND LEGENDS PER ARCHITECTURAL PLANS AND DETAILS. SEE SHEET A1.22 FOR COMPLETE LIMITS OF GRIND & OVERLAY.
6. REMOVE AND RECONSTRUCT 4-INCH THICK CONCRETE PAVEMENT PER ARCHITECTURAL DETAIL 2 ON SHEET A10.01.
7. CONSTRUCT 4-INCH THICK CONCRETE PAVEMENT PER ARCHITECTURAL DETAIL 2 ON SHEET A10.01.
8. CONSTRUCT 6-INCH CONCRETE CURB PER PER MODIFIED CITY OF MURRIETA STD. NO. 305 (CASE A) ON SHEET C3.10.
9. CONSTRUCT 6-INCH CONCRETE CURB AND GUTTER PER CITY OF MURRIETA STD. NO. 301 ON SHEET C3.10.
10. CONSTRUCT CONCRETE CURB RAMP PER ARCHITECTURAL DETAIL 1 ON SHEET A1.23.
11. CONSTRUCT CONCRETE CURB RAMP PER ARCHITECTURAL DETAIL 6 ON SHEET A10.01.
12. INSTALL DETECTABLE WARNING SURFACE PER ARCHITECTURAL DETAIL 4 ON SHEET A10.01.
13. INSTALL WHEEL STOP PER ARCHITECTURAL DETAIL 3 ON SHEET A10.01.
14. INSTALL ELEVATED LANDING AND ACCESSIBLE RAMP PER DETAILS ON SHEET R-1.03.

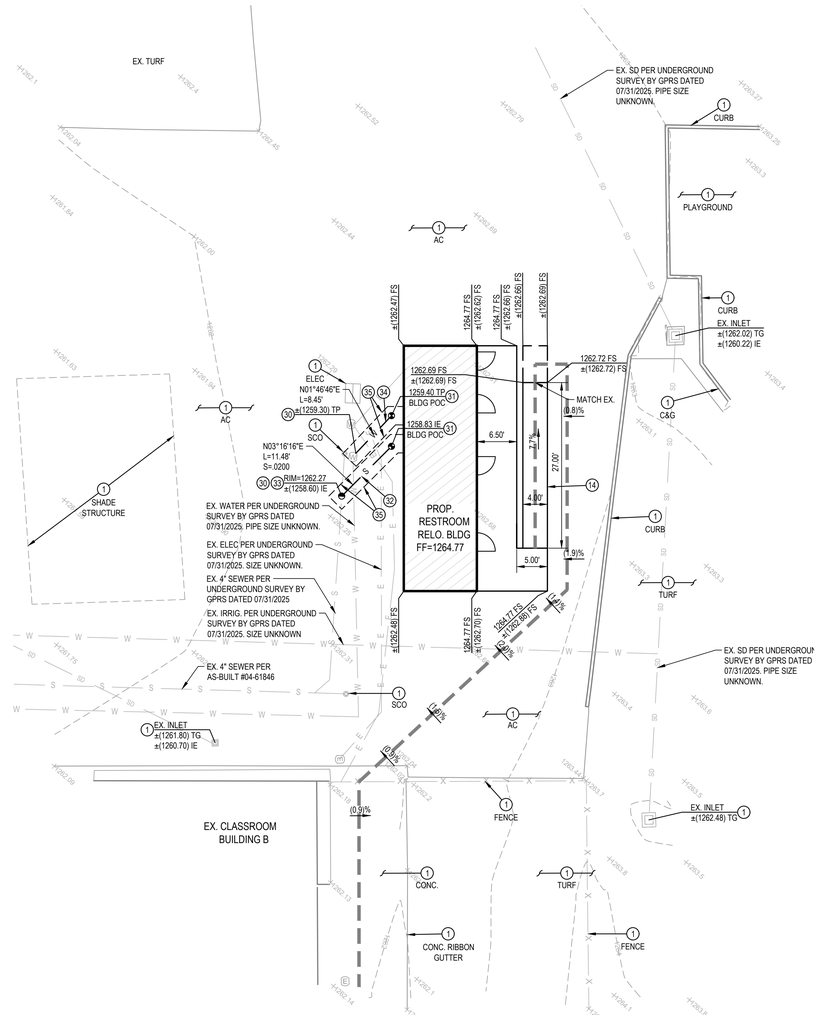
UTILITY CONSTRUCTION NOTES

30. CONNECT TO EXISTING UTILITY. CONTRACTOR TO VERIFY DEPTH & LOCATION PRIOR TO CONSTRUCTION.
31. BUILDING UTILITY POINT OF CONNECTION. SEE RELOCATABLE BUILDING PLUMBING PLAN (MODEL C-2) ON SHEET P-1.03E FOR CONTINUATION.
32. INSTALL SEWER LINE. SEE SEWER DATA TABLE HEREON. PIPE BEDDING AND TRENCH BACKFILL PER RANCHO CALIFORNIA WATER DISTRICT DWG. NO. S-1 ON SHEET C3.10.
33. CONSTRUCT SEWER CLEAN-OUT PER RANCHO CALIFORNIA WATER DISTRICT DWG. NO. S-17.
34. INSTALL WATER LINE. PIPE BEDDING AND TRENCH BACKFILL PER RANCHO CALIFORNIA WATER DISTRICT DWG. NO. S-1 ON SHEET C3.10
35. SAWCUT AND JOIN EXISTING SURFACE OVER TRENCHING.



GRADING PLAN (PARKING LOT & BUILDING D/E)

SCALE: 1"=10'



GRADING & UTILITY PLAN (RELOCATABLE RESTROOM BUILDING)

SCALE: 1"=10'

AGENCY NOTIFICATIONS

NOTE: THE CONTRACTORS SHALL NOTIFY THE UNDERGROUND SERVICE ALERT FORTY-EIGHT (48) HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION BY CONTACTING (800) 422-4133

UNDERGROUND SERVICE ALERT

CALL 811

TWO WORKING DAYS BEFORE YOU DIG

GRAPHIC SCALE: 1" = 10'

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
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DATE: 09/18/2025

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PHONE: (951) 969-1600
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261 LOMAS SANTA FE DR., STUDIO 200, SOLANA BEACH, CA, 92075
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LICENSED ARCHITECT BRIDGET SHIRLEE FLEENY C-35200 REN. 09/30/25 STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

ENGINEER OF RECORD

LICENSED PROFESSIONAL ENGINEER I AM RESPONSIBLE FOR THE DESIGN SHOWN ON THESE PLANS. EXP. 12-31-25 CIVIL STATE OF CALIFORNIA

NOTES

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
GRADING & UTILITY PLAN

DSA Submittal 04-124823

DATE: **2025.07.28** | CLIENT PROJ NO:

SHEET:

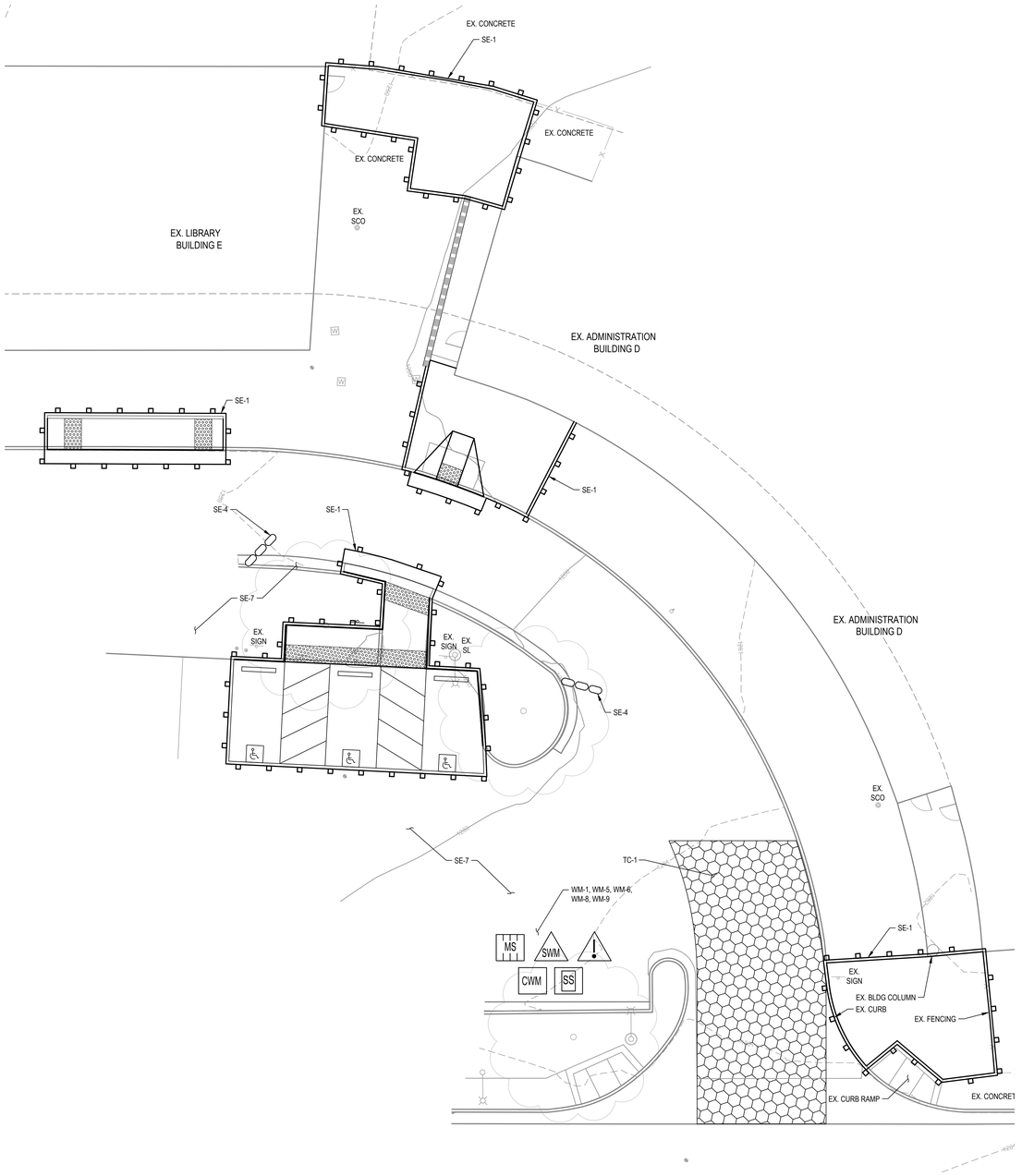
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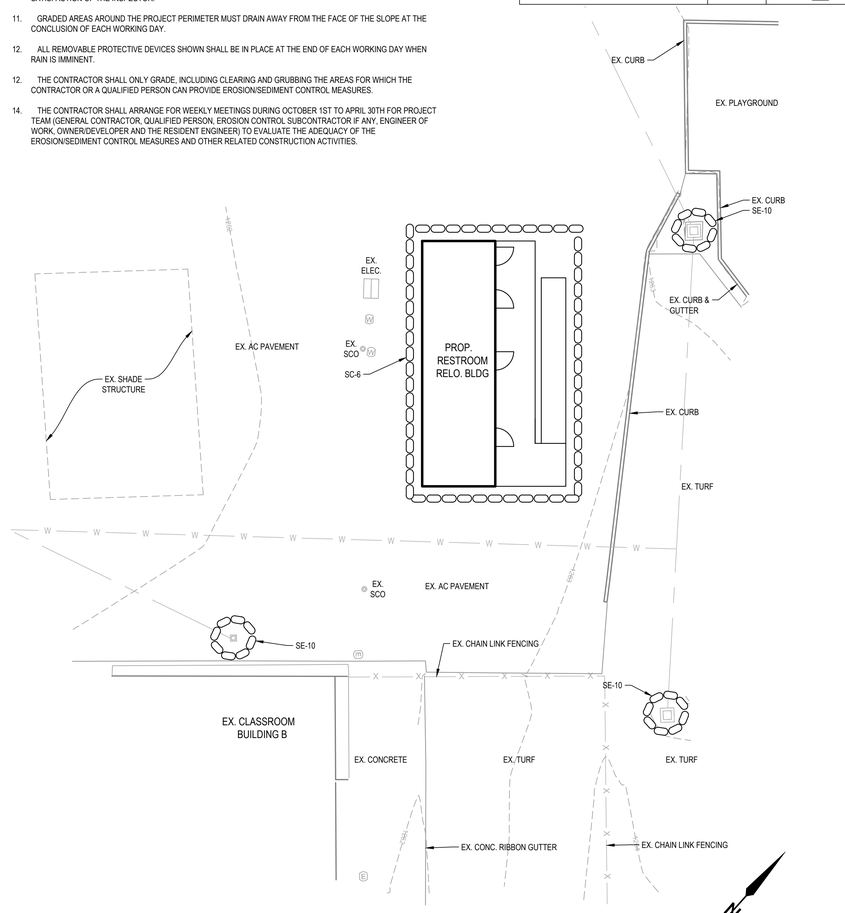
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SAVE DATE: 2025.9.18 PLOT DATE: 2025.9.26 11:09 AM FILE NAME: J:\ACTIVE JOBS\4302 E HALE CURAN ES\CIVIL\DRAWING\CONSTRUCTION DOCUMENTS\4302-C0.1-TITLE SHEET.dwg

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PLEASE RECYCLE





EROSION AND SEDIMENT CONTROL NOTES

1. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
2. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.0' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET .IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
3. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
4. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
5. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
6. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY WATER EROSION AND SEDIMENT CONTROL DEVICES WHEN RAIN IS IMMINENT.
7. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE INSPECTOR OR AFTER EACH RUN-OFF PRODUCING RAINFALL.
8. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE AGENCY PERSONNEL DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
10. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE INSPECTOR.
11. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
12. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.

12. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING THE AREAS FOR WHICH THE CONTRACTOR OR A QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
14. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

LEGEND

BEST MANAGEMENT PROTECTION

DESCRIPTION	QTY	SYMBOL
SE-1 SILT FENCE	540 LF	
SC-6 GRAVEL BAGS (2 BAGS HIGH)	191 EA	
SE-4 CHECK DAM	2 EA	
SE-7 STREET SWEEPING AND VACUUMING		
SE-10 STORM DRAIN INLET PROTECTION	3 EA	
TC-1 STABILIZED CONSTRUCTION ENTRANCE INCLUDING CORRUGATED STEEL PANELS	1 EA	
WM-1 MATERIAL DELIVERY STORAGE	1 EA	MS
WM-5 SOLID WASTE MANAGEMENT	1 EA	SWM
WM-6 HAZARDOUS WASTE MANAGEMENT	1 EA	!
WM-8 CONCRETE WASTE MANAGEMENT	1 EA	CWM
WM-9 SANITARY/SEPTIC WASTE MANAGEMENT	1 EA	SS

EROSION CONTROL PLAN (PARKING LOT & BUILDING D/E)

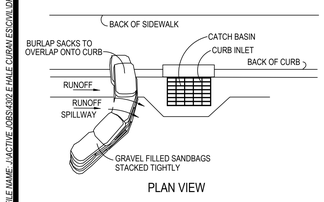
SCALE: 1"=10'

EROSION CONTROL PLAN (RELOCATABLE RESTROOM BUILDING)

SCALE: 1"=10'

0 10' 20' 30'

GRAPHIC SCALE: 1" = 10'



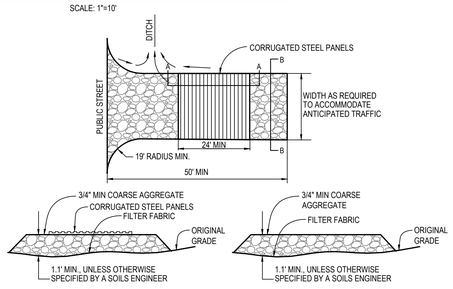
PLAN VIEW

NOTES:

1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN 'GEOTEXTILE' FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE A ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB AND GUTTER SEDIMENT BARRIER DETAIL

NOT TO SCALE



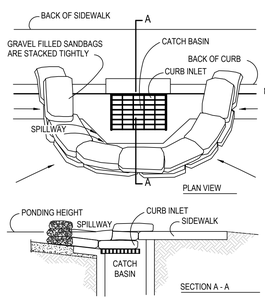
NOTE:

CONTRACTOR TO MODIFY CONSTRUCTION ENTRANCE IN THE FIELD AS NECESSARY

CONSTRUCT SEDIMENT BARRIER AND CHANNELIZE RUNOFF TO SEDIMENT TRAPPING DEVICE

CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

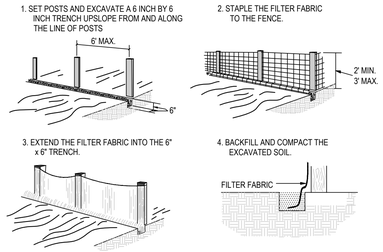


NOTES:

1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB INLET SEDIMENT BARRIER DETAIL

NOT TO SCALE



NOTE:

THE SILT FENCE SHOULD BE SUPPORTED BY A WIRE MESH IF THE FILTER FABRIC DOES NOT HAVE SUFFICIENT STRENGTH AND BURSTING STRENGTH CHARACTERISTICS (AS RECOMMENDED BY THE FABRIC MANUFACTURER)

SILT FENCE DETAIL

NOT TO SCALE

AGENCY NOTIFICATIONS

NOTE: THE CONTRACTORS SHALL NOTIFY THE UNDERGROUND SERVICE ALERT FORTY-EIGHT (48) HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION BY CONTACTING (800) 422-4133



AGENCY APPROVAL:

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LICENSED ARCHITECT BRIDGET SHIRLEE FLEENY C-35200 REN. 09/30/25 STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

ENGINEER OF RECORD

REGISTERED PROFESSIONAL ENGINEER ADAM MICHAEL PLSA CIVIL STATE OF CALIFORNIA

NOTES

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
EROSION CONTROL PLAN

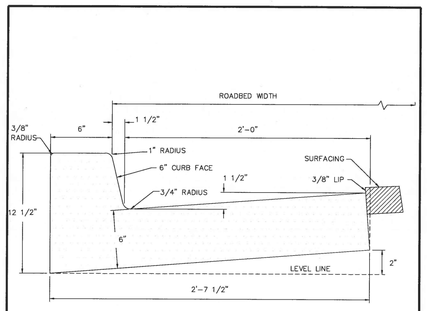
DSA Submittal 04-124823

DATE: **2025.07.28** | CLIENT PROJ NO:

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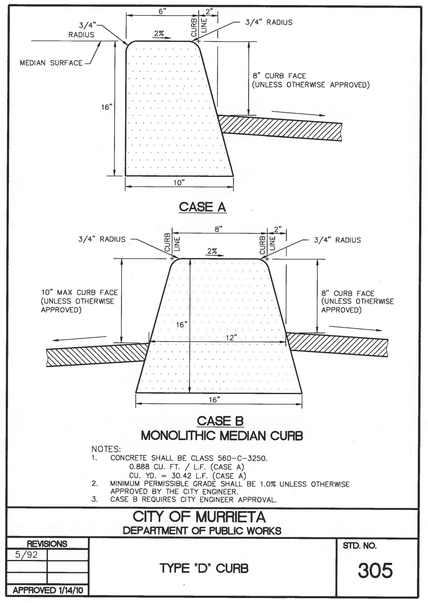
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NOTES:

1. CLASS 560-C-3250 CONCRETE.
2. 1.601 CU.FT./L.F.
3. CU.YD. = 16.86 L.F.
4. MINIMUM PERMISSIBLE GRADE 1.0% UNLESS SPECIFIC APPROVAL IS GIVEN BY THE CITY ENGINEER PRIOR TO DESIGN.
5. IF USED FOR MEDIAN CURB, GUTTER TO SLOPE AWAY FROM CURB AT SAME SLOPE AS SURFACING WITH NO GUTTER LIP.
6. PROVIDE A 4" SMOOTH TROWELED SURFACE AT FLOWLINE.

CITY OF MURRIETA DEPARTMENT OF PUBLIC WORKS		
REVISIONS 5/92	TYPE A-6 CURB	STD. NO. 301
APPROVED 1/14/10		

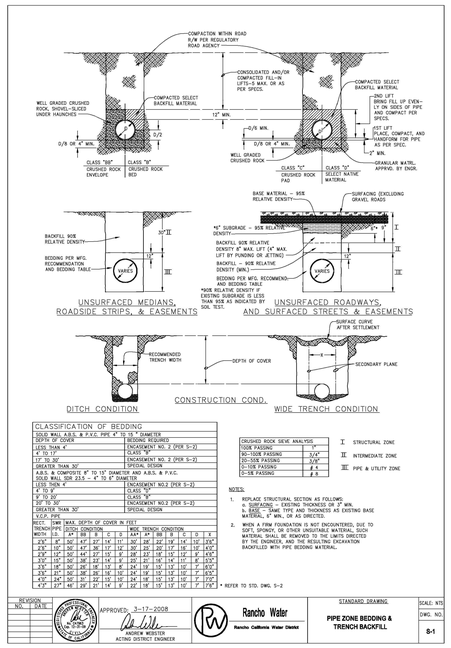


CASE B
MONOLITHIC MEDIAN CURB

NOTES:

1. CONCRETE SHALL BE CLASS 560-C-3250.
   0.888 CU. FT. / L.F. (CASE A)
   CU. YD. = 30.42 L.F. (CASE A)
2. MINIMUM PERMISSIBLE GRADE SHALL BE 1.0% UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. CASE B REQUIRES CITY ENGINEER APPROVAL.

CITY OF MURRIETA DEPARTMENT OF PUBLIC WORKS		
REVISIONS 5/92	TYPE "D" CURB	STD. NO. 305
APPROVED 1/14/10		



CLASSIFICATION OF BEDDING

SOLID WALL A.B.S. & P.V.C. PIPE 4" TO 15" DIAMETER	
DEPTH OF COVER	BEDDING REQUIRED
LESS THAN 4'	ENCASEMENT NO. 2 (PER S-2)
4' TO 17'	CLASS "B"
17' TO 30'	ENCASEMENT NO. 2 (PER S-2)
GREATER THAN 30'	SPECIAL DESIGN
A.B.S. & COMPOSITE 8" TO 15" DIAMETER AND A.B.S. & P.V.C. SOLID WALL SDR 23.5 - 4" TO 5" DIAMETER	
LESS THEN 4'	ENCASEMENT NO.2 (PER S-2)
4' TO 9'	CLASS "B"
9' TO 20'	CLASS "A"
20' TO 30'	ENCASEMENT NO.2 (PER S-2)
GREATER THAN 30'	SPECIAL DESIGN
R.C.P., P.P.P.	

CRUSHED ROCK SIEVE ANALYSIS	
100% PASSING	1"
90-100% PASSING	1/2"
20-100% PASSING	3/8"
0-10% PASSING	# 4
0-5% PASSING	# 8

I STRUCTURAL ZONE
II INTERMEDIATE ZONE
III PIPE & UTILITY ZONE

NOTES:

1. REPLACE STRUCTURAL SECTION AS FOLLOWS:
   a. SURFACING - EXISTING THICKNESS OR 3" MIN.
   b. BASE - SAME TYPE AND THICKNESS AS EXISTING BASE MATERIAL, 6" MIN., OR AS DIRECTED.
2. WHEN A FIRM FOUNDATION IS NOT ENCOUNTERED, DUE TO THE NATURE OF THE MATERIAL ENCOUNTERED, SUCH MATERIAL SHALL BE REMOVED TO THE DEPTH DIRECTED BY THE ENGINEER, AND THE RESULTING EXCAVATION BACKFILLED WITH PIPE BEDDING MATERIAL.

REVISION NO.	DATE	APPROVED: 3-17-2008 ANDREW MOSDZIER, ACTING DISTRICT ENGINEER	Rancho Water Rancho California Water District	STANDARD DRAWING PIPE ZONE BEDDING & TRENCH BACKFILL	SCALE: NTS DWG. NO. S-1

AGENCY APPROVAL:

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LICENSED ARCHITECT
BRIDGET SHIRLEE FLEENOR
C-35200
REN. 09/30/25
Project Architect
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

ENGINEER OF RECORD



NOTES

AGENCY NOTIFICATIONS

NOTE: THE CONTRACTORS SHALL NOTIFY THE UNDERGROUND SERVICE ALERT FORTY-EIGHT (48) HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION BY CONTACTING (800) 422-4133

UNDERGROUND SERVICE ALERT
CALL BEFORE YOU DIG
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TWO WORKING DAYS BEFORE YOU DIG

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FACILITY:
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40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
DETAILS

DSA Submittal 04-124823

DATE: **2025.07.28** | CLIENT PROJ NO:

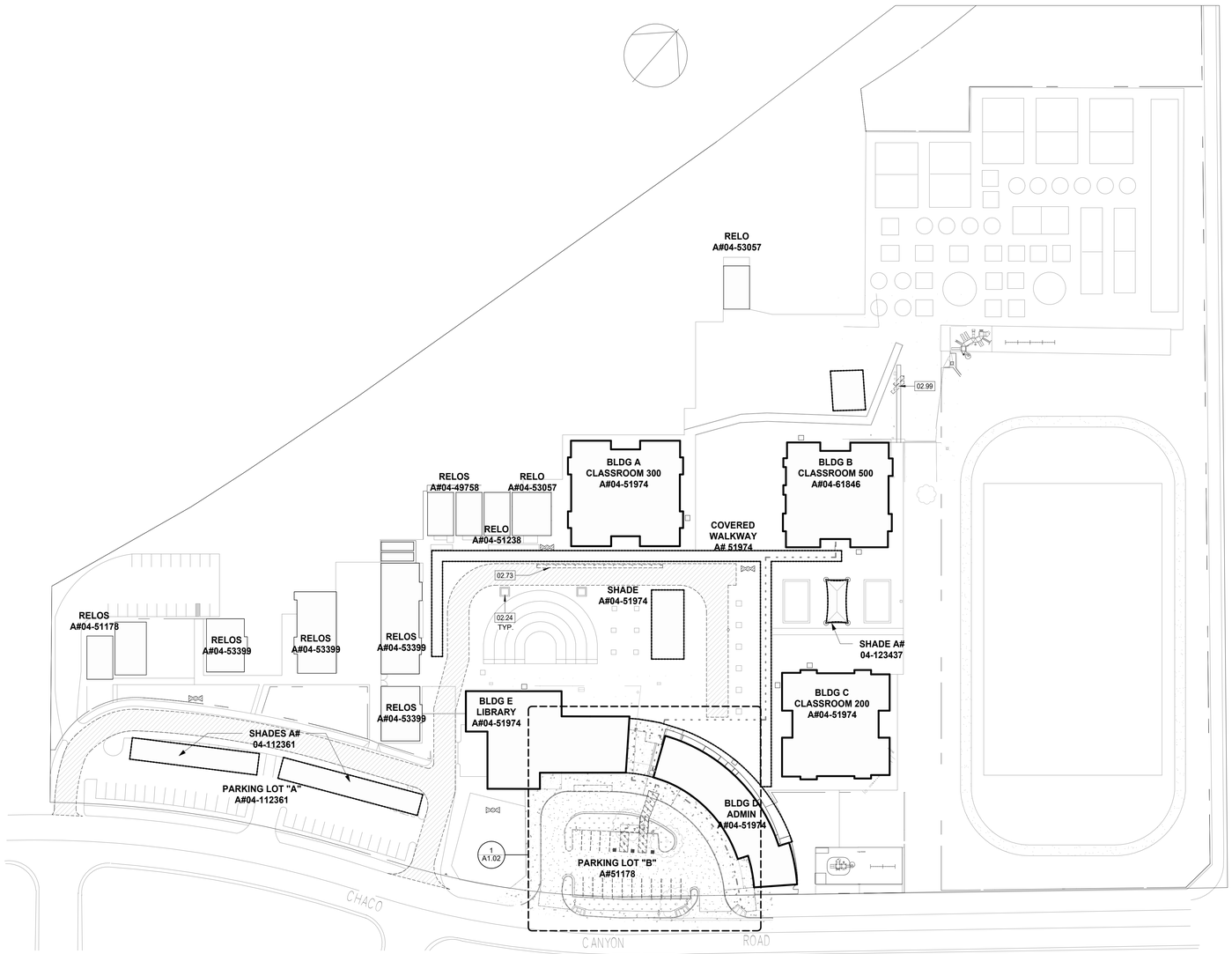
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THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG ON ARCH E1 SHEETS ORIGINAL PAGE SIZE



LEGEND

- APPROXIMATE LIMIT OF WORK. REFER TO ADDITIONAL DRAWINGS FOR WORK WHICH MAY EXTEND BEYOND THIS APPROXIMATE LIMIT OF WORK LINE.
- PROPERTY LINE
- EXISTING BUILDINGS
- EXISTING SHADE STRUCTURES
- FIRE HYDRANT - SEE CIVIL DRAWINGS
- OBJECTS TO BE DEMOLISHED, TYP.
- (E) LANDSCAPE AREA TO BE REMOVED
- (E) SIDEWALKS OF CONCRETE HARDSCAPE TO BE REMOVED
- (E) ASPHALT TO BE REMOVED AND RECONSTRUCTED. REFER TO CIVIL DRAWINGS.

KEYNOTES

02.24	(E) PLANTER TO REMAIN; PROTECT IN PLACE
02.73	REMOVE (E) PLANTER
02.99	REMOVE (E) PAVING FOR UTILITY TRENCHING, PREPARE FOR TRENCH REPAIR

NOTES

1. REFER TO SHEET G0.11 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR UTILITY INFORMATION
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/PLANTING OUTSIDE OF LIMIT OFWORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES

EXISTING SITE PLAN **1** 1" = 50'-0"

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LICENSED ARCHITECT
BRIDGET SHIRLEE FEGAN
C-35200
REN. 09/30/25
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
SITE DEMOLITION PLAN

DSA Submittal 04-124823

DATE: **2025.08.19** | CLIENT PROJ NO:

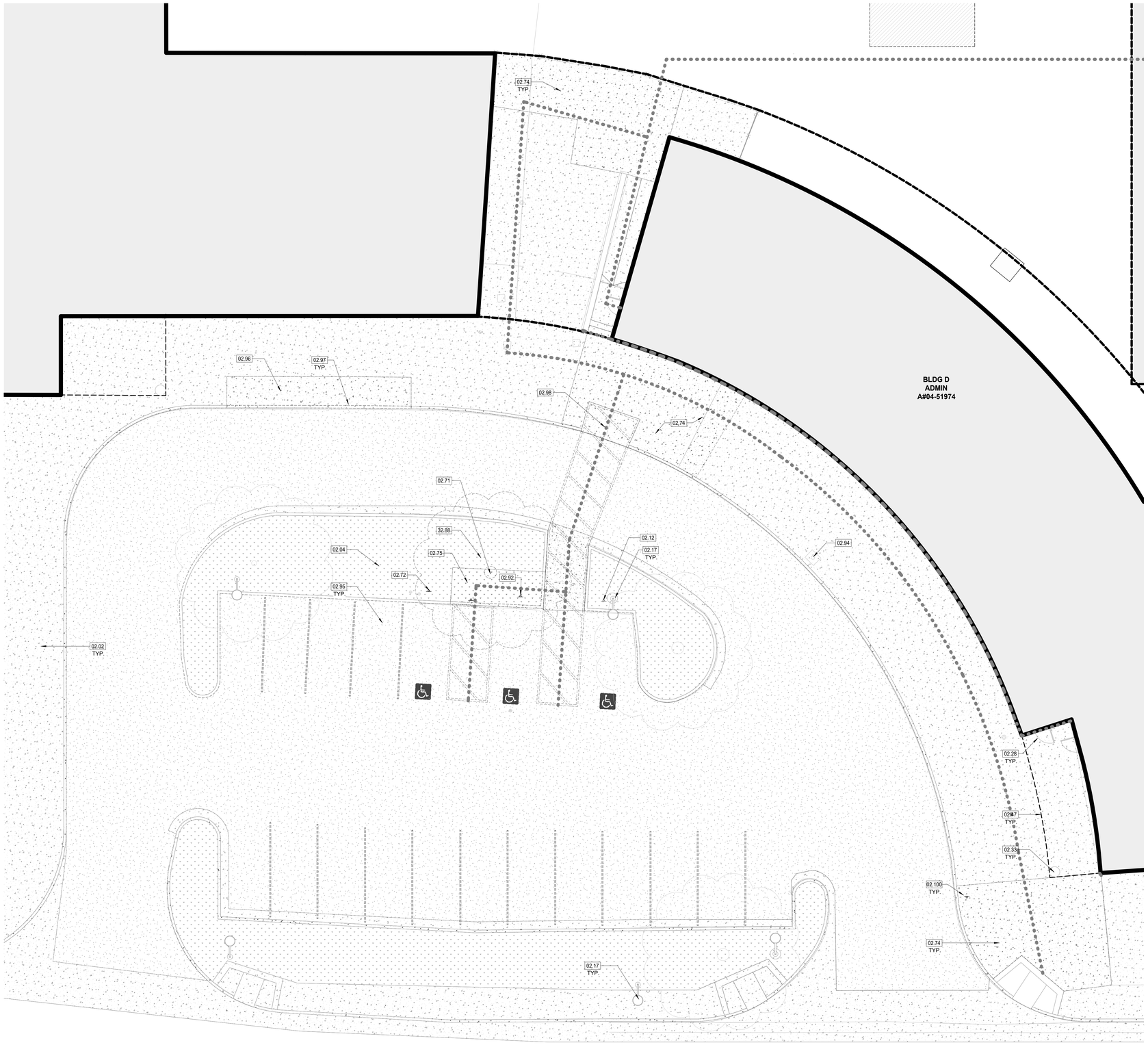
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THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG ON ORIGINAL PLOT. IF NOT SCALE ACCORDINGLY.



LEGEND

- APPROXIMATE LIMIT OF WORK REFER TO ADDITIONAL DRAWINGS FOR WORK WHICH MAY EXTEND BEYOND THIS APPROXIMATE LIMIT OF WORK LINE.
- PROPERTY LINE
- (E) BUILDINGS
- (E) SHADE STRUCTURES
- FIRE HYDRANT - SEE CIVIL DRAWINGS
- OBJECTS TO BE DEMOLISHED, TYP.
- (E) LANDSCAPE AREA TO BE REMOVED
- (E) SIDEWALKS OF CONCRETE HARDSCAPE TO BE REMOVED
- (E) ASPHALT TO BE REMOVED AND RECONSTRUCTED. REFER TO CIVIL DRAWINGS.

ENLARGED DEMOLITION SITE PLAN 1

1/8" = 1'-0"

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C-35200
REN. 09/30/25
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

02.02	(E) CONCRETE PAVING TO REMAIN; PROTECT IN PLACE
02.04	(E) LANDSCAPE AREA TO REMAIN; PROTECT IN PLACE
02.12	(E) SIGN TO REMAIN; PROTECT IN PLACE
02.17	(E) CONCRETE COLUMN AND LIGHT POLE TO REMAIN, PROTECT IN PLACE | ELEC
02.28	(E) DOOR, FRAME & HARDWARE TO REMAIN; PROTECT IN PLACE
02.33	(E) COLUMN TO REMAIN; PROTECT IN PLACE
02.47	(E) BUILDING OVERHANG TO REMAIN; PROTECT IN PLACE
02.71	REMOVE (E) TREE
02.72	REMOVE (E) ACCESSIBLE PARKING STALL SIGN
02.74	REMOVE AND RECONSTRUCT (E) CONCRETE | CIVIL
02.75	REMOVE PORTION OF (E) PLANTER AND CURB IN PREPARATION FOR NEW WORK PER A1.22
02.92	REMOVE AND RELOCATE (E) ACCESSIBLE PARKING SIGN | SEE REMODEL PLAN FOR NEW LOCATION
02.94	(E) MAILBOX TO REMAIN; PROTECT IN PLACE
02.95	(E) ASPHALT TO BE REMOVED AND RECONSTRUCTED | CIVIL
02.96	REMOVE (E) CONCRETE | CIVIL
02.97	REMOVE (E) CONCRETE CURB | CIVIL
02.98	(E) CURB RAMP TO BE REMOVED AND RECONSTRUCTED | CIVIL & REMODEL PLAN
02.100	(E) SIGN TO BE REMOVED
32.88	PATCH AND FILL EXISTING TURF AS A RESULT OF TREE REMOVAL. ALIGN WITH (E)SEED MIX PER DISTRICT.

NOTES

1. REFER TO SHEET G0.11 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR UTILITY INFORMATION
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/PLANTING OUTSIDE OF LIMIT OFWORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ENLARGED DEMOLITION PLAN

DSA Submittal 04-124823

DATE: **2025.08.19** | CLIENT PROJ NO:

SHEET:

A1.02

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DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

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

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

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

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

PROJECT INFORMATION	
School District/Owner:	Murrieta Valley Unified School District
Project Name/School:	E. Hale Curran Elementary School
Project Address:	40855 Chaco Canyon Rd., Murrieta, CA 92562

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☐		No ☑
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☐		No ☑
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: Fire Hazard Severity Zones in State Responsibility Area — Located in an LRA and not within a HSZ	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

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

School District Acceptance of Acceptable Design Alternates

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

Accepted by: DARREN DRAPER Title: Deputy Superintendent

Signature: _____ Date: 9/16/25

LOCAL FIRE AUTHORITY (LFA) INFORMATION			
LFA Agency Name:	Murrieta Fire & Rescue		
LFA Review Official:	Douglas Strosnider		
Title:	Fire Marshal	Work Phone:	951-461-6153
Work Email:	Dstrosnider@MurrietaCA.Gov		

LFA Reviewer's Signature: _____ Date: 09/09/2025

DSA CERTIFICATION TABLE

A #	DESCRIPTION	CERT. STATUS
04 -51974	CONSTRUCTION OF HALE CURRAN ELEMENTARY SCHOOL	#1-CERTIFICATION
04 -112361	CONSTRUCTION OF 5-PHOTOVOLTAIC CANOPIES: (2) AT HALE ELEM(23.5 FT X 119.7 FT) AND (23.4 FT X 141.5 FT); (3) AT MURRIETA ELEM.(23.5 FT X 130.6 FT),(43.6 FT X 23.5 FT) AND (23.5 FT X 65.4 FT) PC 04-111941	#1-CERTIFICATION
04 -112150	ALTERATIONS TO 8-CLASSROOM BUILDINGS(4 BLDGS A-53399), C.R. BLDGS:100,200 AND 300(A-51974), 500(A-61846) / FIRE ALARM UPGRADE, 5-CLASSROOM BUILDINGS (RELOCATABLE) (2) (A-49758),(1)(A-51283) AND (2)(A-53057) / FIRE ALARM UPGRADE, 1-TOILET BUILDING (RELOCATABLE)(A-104818)FIRE ALARM UPGRADE	#1-CERTIFICATION
04 -108842	ALTERATION TO 1 - ADMIN. BLDG (100), 2 - C.R. BLDG/S (200, 300) A# 51974	#1-CERTIFICATION
04 -51283	RELOCATABLES	#1-CERTIFICATION
04 -113606	CONSTRUCTION OF 2-BALL WALLS	#1-CERTIFICATION
04 -51178	RELOCATABLES	#1-CERTIFICATION
04 -61846	CONSTRUCTION OF CLASSROOM BLDG 500	#1-CERTIFICATION
04 -104818	RELOCATABLE RESTROOM	#1-CERTIFICATION
04 -53057	RELOCATABLES	#1-CERTIFICATION
04 -49758	RELOCATABLES	#1-CERTIFICATION
04 -123437	RELOCATABLE RESTROOM	#1-CERTIFICATION

SAFE DISPERSAL AREA

(CBC 1028.5 EXCEPTION 1)

EXISTING BUILDINGS

BUILDING	GROUP	AREA	OCC.	SDA (OCC x 3 SF)
RELOCATABLE RR. BUILDING	E	480 SF	N/A	N/A

TOTAL SAFE DISPERSAL AREA

GENERAL NOTES:

ALL SIGNAGE SHALL COMPLY WITH 2022 CBC ACCESSIBILITY REQUIREMENTS - SEE SHEET A10.11

ALL RESTROOMS SHALL COMPLY WITH 2022 CBC ACCESSIBILITY REQUIREMENTS AND SHEET A10.12

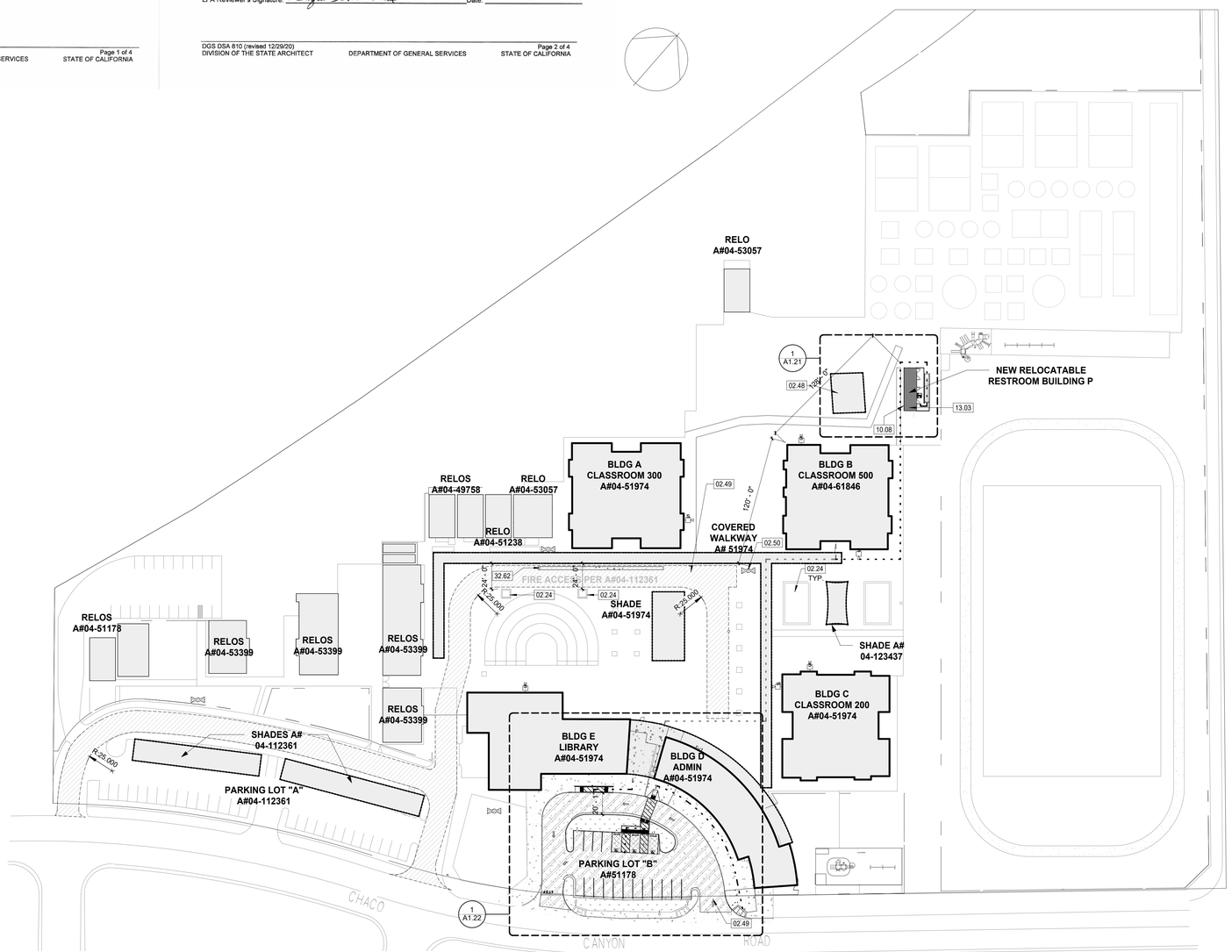
ALL DOORS SHALL PROVIDE 5 LBS. MAXIMUM OPENING FORCE.

THE DESIGN PROFESSIONAL HAS EXEMPTED THIS RAMP FROM SPECIAL INSPECTION REQUIREMENTS FOR MATERIAL IDENTIFICATION AND STRUCTURAL WELDING. RAMP SHALL NOT BE MODIFIED OR HAVE SHIMS ADDED CAUSING THE DISTANCE BETWEEN THE HIGHEST RAMP WALKING SURFACE AND THE ADJACENT GRADE TO BE MORE THAN 30 INCHES. IF THIS CONDITION IS NOT MET, STRUCTURAL TESTING AND/OR INSPECTION WILL BE REQUIRED TO VERIFY MATERIALS AND STRUCTURAL WELDING. THIS APPLIES TO SCOPES OF WORK INCLUDING NEW CONSTRUCTION, ALTERATION, OR RELOCATION OF THE RAMP.

DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:
IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CONSTRUCTION CHANGE DOCUMENT, CCD TYPE A, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

DSA 810 FORM ACCEPTED ALTERNATES NOTES

1. **EMERGENCY VEHICLE ACCESS ROADWAYS: THE EMERGENCY VEHICLE AND PERSONNEL ACCESS PROPOSED TO THE RELOCATABLE RESTROOM BUILDING IS ACCEPTED BY LFA PER KEYNOTE 02.49.**
2. **FIRE HYDRANTS: THE FIRE HYDRANT LOCATION OF THE NEAREST HYDRANT TO THE RELOCATABLE RESTROOM IS ACCEPTED BY LFA PER KEYNOTE 02.50.**



ARCHITECTURAL SITE PLAN 1 — 1" = 50'-0"

LEGEND

- (E) FIRE LANE PER A#04-112361
- (E) BUILDING
- PORTABLE RESTROOM FOR STUDENTS AGE 9-12 #04-122000 (MODEL C-2)
- (E) SHADE STRUCTURE
- (E) CONCRETE HARDSCAPE
- CONCRETE HARDSCAPE. REFER TO CIVIL DRAWINGS.
- (E) AC PAVING
- AC PAVING
- AC PAVING TO BE RECONSTRUCTED OVER BASE. REFER TO CIVIL DRAWINGS.
- AC PAVEMENT 1.5" GRIND AND OVERLAY. REFER TO CIVIL DRAWINGS.
- (E) LANDSCAPE AREA
- (E) SAFE DISPERSAL AREA
- (E) FIRE ALARM PER A# 04-112150 INDICATED ON ENLARGED SITE PLAN
- (E) FIRE HYDRANT LOCATION
- (E) KNOX BOX
- PROPERTY LINE
- ASSUMED PROPERTY LINE
- (E) BLDG ROOF LINE (ABOVE)
- (E) UNDERGROUND UTILITES (WHERE OCCURS)
- (E) PATH OF TRAVEL (POT) PER A#04-112361
- NEW PATH OF TRAVEL (POT)
- 000' FIRE HOSE DISTANCE
- SIGNAGE ITEM TYPE - REFER TO SIGNAGE SCHEDULE

PARKING SPACES PROVIDED

LOT	EXISTING/ MODIFIED	STD. STALLS	STD. ACCESSIBLE	VAN ACCESSIBLE	TOTAL
A	EXISTING	103	6	1	109
B	MODIFIED	16	2	1	19

SITE ACCESSIBILITY NOTES

AS INDICATED IS AN IDENTIFIABLE ACCESSIBLE ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:12 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AS PER (CBC 11B-302 AND 11B-303). ROUTE SURFACE SHALL BE STABLE, FIRM, AND SLIP RESISTANT AND OPENINGS IN SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE THAT IS MORE THAN 1/2" IN DIAMETER AND SHALL COMPLY WITH (CBC 11B-302). CROSS-SLOPE OF THE WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2.08%) AND THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20 (5%) UNLESS OTHERWISE INDICATED. (CBC 11B-402)

(POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTION TO 80" MINIMUM. PROTRUDING OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" ABOVE THE FINISH FLOOR SHALL PROTRUDE 4" MAX. HORIZONTALLY AS PER (CBC 11B-307)

(POT) SHALL MAINTAIN CLEAR WIDTHS AS PER (CBC 11B-403)

THE PRIMARY ACCESSIBLE PATH OF TRAVEL SHALL INCLUDE: (CBC 11B-202.4)

1. A PRIMARY ENTRANCE TO THE BUILDING OR FACILITY
2. TOILET AND BATHING FACILITIES SERVING THE AREA
3. DRINKING FOUNTAINS SERVING THE AREA
5. PUBLIC TELEPHONES SERVING THE AREA
6. SIGNS

AS INDICATED (THE POT) SHALL PROVIDE GENERAL ACCESSIBILITY, AND MAY CONSIST OF A COMBINATION OF THE FOLLOWING CODE COMPLIANT, ACCESSIBLE ELEMENTS:

1.ENTRANCES, EXITS
2. CURB RAMPS WITH FLUSH TRANSITION TO BOTTOM LANDINGS
3. EXTERIOR STAIRWAYS
4. EXTERIOR PEDESTRIAN RAMPS
5. WALKWAYS SURFACES, INCLUDING SLOPES, ABRUPT CHANGES IN LEVEL, AND GRATES.

ELEMENTS ABOVE ARE WITHOUT THE FOLLOWING HAZARDS:

1. PAVEMENT DROP-OFFS MORE THAN 1/4" (OTHER THAN STREET OR DRIVEWAY CURBS).
2. OVERHANGING OBJECTS LESS THAN 80" ABOVE THE PEDESTRIAN SURFACE
3. WALKS ADJOINING OR CROSSING DRIVEWAYS WITHOUT DETECTABLE WARNING
4. OBJETS PROTRUDING INTO THE WALKWAY SPACE
5. OPENINGS IN GRATINGS OR STRAINERS LOCATED IN PEDESTRIAN CIRCULATION PATHS OR IN POT SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER. ELONGATED OPENING SHALL BE PLACED SO THAT LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL IN COMPLIANCE WITH SECTION 11B-302.3.

THE OWNER SHALL MAINTAIN THESE CONDITIONS, AND CHANGES SHALL NOT REDUCE ACCESSIBILITY.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT
"THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE PATH WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE ACTION NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT. THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS, THE POT AND ITS ELEMENTS SHALL BE MADE ACCESSIBLE. THE POT WILL NOT BE CORRECTED IF THIS PROJECT IS BASED ON VALUATIONS EXCEEDING $150,000 OR A FINDING OF BUSINESS HARDSHIP ARE ALSO INDICATED IN THESE CONSTRUCTION DOCUMENTS."

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTING NONCOMPLIANT ARE FOUND TO BE NONCOMPLIANT BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE AND REVISED WITHIN THE CONSTRUCTION DOCUMENTS AND MADE A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

MURRIETA VALLEY
UNIFIED SCHOOL DISTRICT
41870 McALBY COURT
MURRIETA, CALIFORNIA 92562
PHONE: (951) 969-1600
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619 744 4077 / www.hmcarchitects.com

LICENSED ARCHITECT
BRADLEY SHIRLEE FEGAN
C-35200
REN. 09/30/25
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

02.24	(E) PLANTER TO REMAIN; PROTECT IN PLACE
02.48	(E) SHADE STRUCTURE TO REMAIN; PROTECT IN PLACE
02.49	(E) FIRE LANE CONDITION ACCEPTED AS ALTERNATE BY LFA PER FORM 810 ON THIS SHEET.
02.50	(E) FIRE HYDRANT LOCATION AND DISTANCE TO RELOCATABLE (LESS THAN DISTANCE TO OTHER EXISTING STRUCTURES) ACCEPTED AS ALTERNATE BY LFA FORM 810 ON THIS SHEET
10.08	BUILDING ADDRESS SIGN | 11/A10.81
13.03	PORTABLE BUILDING PER PC 04-122000
32.62	REMOVE AND RECONSTRUCT 4" THICK CONCRETE PAVEMENT | 2/A10.01

NOTES

1. REFER TO SHEET G0.11 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR UTILITY INFORMATION
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SITE PLAN GENERAL NOTES

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2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION
3. EVERYTHING SHOWN ON THE FLOOR PLANS AND ON REFERENCED DRAWINGS IS NEW AND TO BE PROVIDED BY THE CONTRACTOR, UNLESS NOTED AS "EXISTING".
4. UNLESS OTHERWISE NOTED, DIMENSIONS TO EXISTING CONSTRUCTION ARE TO FACE OF FINISH. DIMENSIONS TO NEW CONSTRUCTION ARE TO FACE OF STUD OR STRUCTURE
5. "EXISTING", "+/-", "SIZE TO FIT", "VERIFY IN FIELD" (V.I.F.) AND SIMILAR PHRASES REQUIRE THE CONTRACTOR TO VERIFY AND COORDINATE THE DIMENSIONS OR CONDITIONS INDICATED ON THE DRAWINGS WITH TEH ACTUAL FIELD CONDITION(S).
6. DISCREPANCIES SHALL BE REPORTED TO THEDESIGNER AT ONCE, FOR DIRECTIONS ON HOW TO PROCEED.
7. FIELD VERIFY ALL DIMENSIONS INDICATING EXISTING, EXIST. OR (E) TO COORDINATE WITH NEW WORK.
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FACILITY:

E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:

E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:

CAMPUS SITE PLAN

DSA Submittal 04-124823

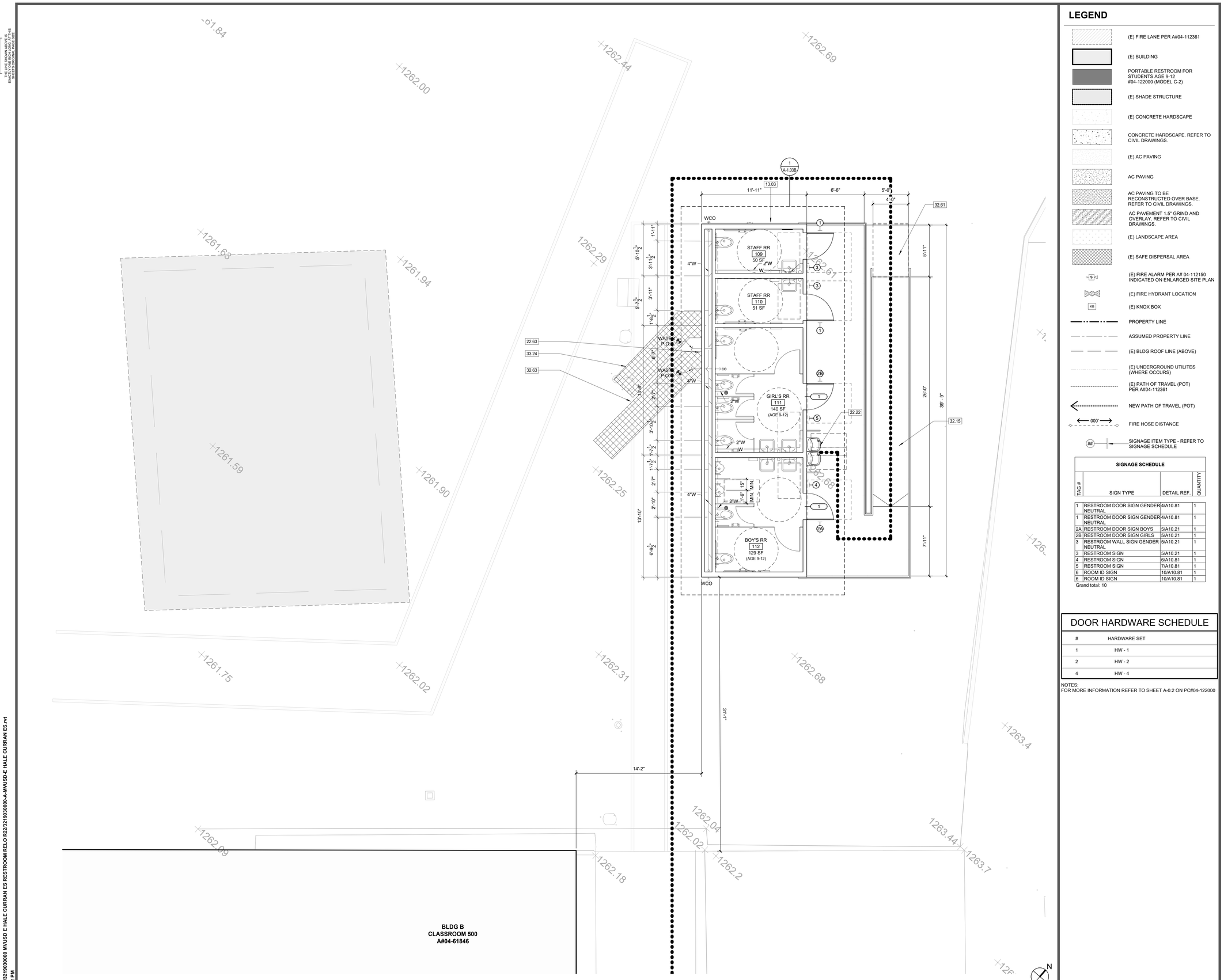
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PLEASE RECYCLE



LEGEND

- (E) FIRE LANE PER A#04-112361
- (E) BUILDING
- PORTABLE RESTROOM FOR STUDENTS AGE 9-12 #04-122000 (MODEL C-2)
- (E) SHADE STRUCTURE
- (E) CONCRETE HARDSCAPE
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- (E) SAFE DISPERSAL AREA
- (E) FIRE ALARM PER A# 04-112150 INDICATED ON ENLARGED SITE PLAN
- (E) FIRE HYDRANT LOCATION
- (E) KNOX BOX
- PROPERTY LINE
- ASSUMED PROPERTY LINE
- (E) BLDG ROOF LINE (ABOVE)
- (E) UNDERGROUND UTILITES (WHERE OCCURS)
- (E) PATH OF TRAVEL (POT) PER A#04-112361
- NEW PATH OF TRAVEL (POT)
- 000' — FIRE HOSE DISTANCE
- ## — SIGNAGE ITEM TYPE - REFER TO SIGNAGE SCHEDULE

SIGNAGE SCHEDULE

TAG #	SIGN TYPE	DETAIL REF.	QUANTITY
1	RESTROOM DOOR SIGN GENDER NEUTRAL	4/A10.81	1
1	RESTROOM DOOR SIGN GENDER NEUTRAL	4/A10.81	1
2A	RESTROOM DOOR SIGN BOYS	5/A10.21	1
2B	RESTROOM DOOR SIGN GIRLS	5/A10.21	1
3	RESTROOM WALL SIGN GENDER NEUTRAL	5/A10.21	1
3	RESTROOM SIGN	5/A10.21	1
4	RESTROOM SIGN	6/A10.81	1
5	RESTROOM SIGN	7/A10.81	1
6	ROOM ID SIGN	10/A10.81	1
6	ROOM ID SIGN	10/A10.81	1

Grand total: 10

DOOR HARDWARE SCHEDULE

#	HARDWARE SET
1	HW - 1
2	HW - 2
4	HW - 4

NOTES:
FOR MORE INFORMATION REFER TO SHEET A-0.2 ON PC#04-122000

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
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LICENSED ARCHITECT
BRIDGET SHIRLEE FEGAN
C-35200
REN. 09/30/25
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

13.03	PORTABLE BUILDING PER PC 04-122000
22.22	ACCESSIBLE "HI-LO" DRINKING FOUNTAIN | REFER TO 1/A-4.06N PC#04-122000
22.63	PREFERRED POC FOR WATER AND SEWER
32.15	RAMP PER 04-122000 (RAMP LANDING)
32.61	AC PAVING OVERLAY AT LANDING PER 10/R-1.03
32.63	PAINT STRIPING TO PATCH (E) STRIPING WHERE DISRUPTED BY NEW WORK
33.24	PATCH AND REPAIR PAVEMENT AT UTILITY TRENCH LINES | CIVIL

SITE PLAN GENERAL NOTES

1. REFER TO SHEET G0.11 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
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MURRIETA, CA 92562

PROJECT:
E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ENLARGED SITE PLAN 1

DSA Submittal 04-124823

DATE: **2025.08.19** | CLIENT PROJ NO:

SHEET:

A1.21

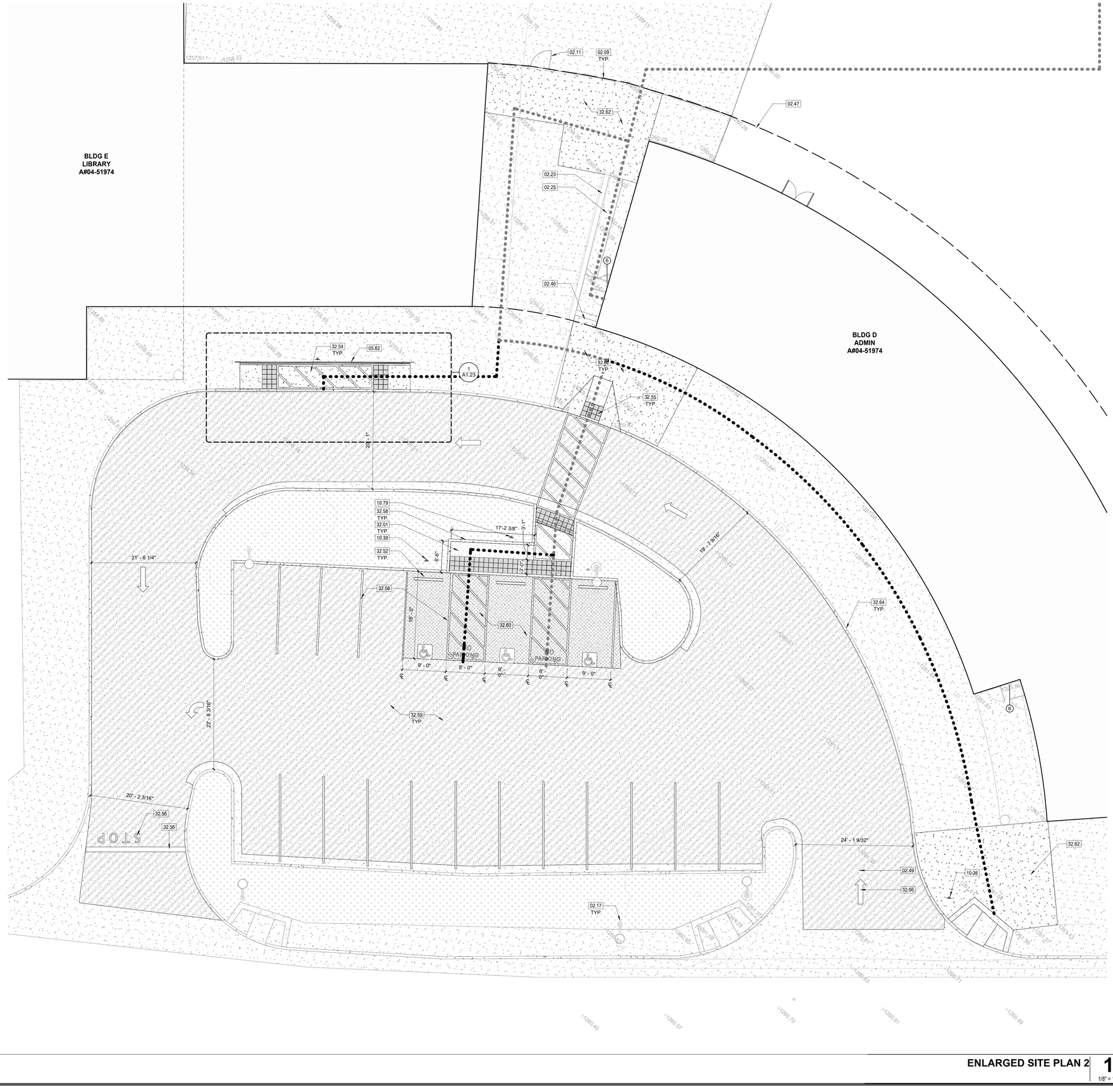
ENLARGED SITE PLAN 1 — **1** — 1/4" = 1'-0"

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THE LINE SHOWN ABOVE IS EQUAL TO ONE INCH AT FULL SIZE. SCALE ACCORDINGLY. PAGE_SIZE=D



LEGEND

- (E) FIRE LANE PER A#04-112361
- (E) BUILDING
- PORTABLE RESTROOM FOR STUDENTS AGE 9-12 #04-122000 (MODEL C-2)
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- (E) FIRE HYDRANT LOCATION
- (E) KNOX BOX
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- (E) BLDG ROOF LINE (ABOVE)
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- ## SIGNAGE ITEM TYPE - REFER TO SIGNAGE SCHEDULE

SIGNAGE SCHEDULE

TAG #	SIGN TYPE	DETAIL REF.	QUANTITY
1	RESTROOM DOOR SIGN GENDER NEUTRAL	4/A10.81	1
1	RESTROOM DOOR SIGN GENDER NEUTRAL	4/A10.81	1
2A	RESTROOM DOOR SIGN BOYS	5/A10.21	1
2B	RESTROOM DOOR SIGN GIRLS	5/A10.21	1
3	RESTROOM WALL SIGN GENDER NEUTRAL	5/A10.21	1
3	RESTROOM SIGN	5/A10.21	1
4	RESTROOM SIGN	6/A10.81	1
5	RESTROOM SIGN	7/A10.81	1
6	ROOM ID SIGN	10/A10.81	1
6	ROOM ID SIGN	10/A10.81	1

Grand total: 10

ENLARGED SITE PLAN 2 **1** 1/8" = 1'-0"

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

MURRIETA VALLEY UNIFIED SCHOOL DISTRICT
41870 McALBY COURT
MURRIETA, CALIFORNIA 92562
PHONE: (951) 969-1600
WWW.MURRIETA.K12.CA.US

HMC DESIGN FOR GOOD Architects
3219-030-000
201 LOMAS SANTA FE DR, STUDIO 200, SOLANA BEACH, CA, 92075
619.744.4077 / www.hmcarchitects.com

LICENSED ARCHITECT
BRIDGET SHIRLEE FEGAN
C-35200
REN: 09/30/25
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

02.09	(E) CHAIN LINK FENCING TO REMAIN; PROTECT IN PLACE
02.11	(E) GATE TO REMAIN; PROTECT IN PLACE
02.17	(E) CONCRETE COLUMN AND LIGHT POLE TO REMAIN, PROTECT IN PLACE | ELEC
02.23	(E) WALL TO REMAIN; PROTECT IN PLACE
02.25	(E) CONCRETE RAMP TO REMAIN; PROTECT IN PLACE
02.46	(E) STAIR TO REMAIN; PROTECT IN PLACE
02.47	(E) BUILDING OVERHANG TO REMAIN; PROTECT IN PLACE
02.49	(E) FIRE LANE CONDITION ACCEPTED AS ALTERNATE BY LFA PER FORM 810 ON THIS SHEET.
05.82	METAL RAILINGS
10.36	TOW-AWAY SIGN | 08/A10.01
10.39	ACCESSIBLE VAN PARKING SIGN | 07/A10.01
10.79	ACCESSIBLE PARKING SIGN | 07/A10.01 AND 14/A10.01
32.01	ASPHALTIC CONCRETE PAVING | CIVIL
32.52	CONC WHEEL STOP, ANCHORED TO PAVING | CIVIL
32.54	ACCESSIBLE DROP OFF AREA
32.55	TRUNCATED DOMES / DETECTABLE WARNINGS. TOPSET (SHEETS) PER DISTRICT REQUIREMENTS | CIVIL
32.56	PAINTED STRIPING ON AC PAVEMENT
32.58	CONCRETE CURB
32.59	AC PAVEMENT 1.5" GRIND AND OVERLAY | CIVIL
32.60	AC PAVEMENT TO BE RECONSTRUCTED OVER BASE | CIVIL
32.62	REMOVE AND RECONSTRUCT 4" THICK CONCRETE PAVEMENT | 2/A10.01
32.64	RE-PAINT RED CURB WITH WHITE LETTERING THAT READS "NO PARKING"

SITE PLAN GENERAL NOTES

1. REFER TO SHEET G0.11 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION
3. EVERYTHING SHOWN ON THE FLOOR PLANS AND ON REFERENCED DRAWINGS IS NEW AND TO BE PROVIDED BY THE CONTRACTOR, UNLESS NOTED AS "EXISTING".
4. UNLESS OTHERWISE NOTED, DIMENSIONS TO EXISTING CONSTRUCTION ARE TO FACE OF FINISH. DIMENSIONS TO NEW CONSTRUCTION ARE TO FACE OF STUD OR STRUCTURE
5. "EXISTING", "+/-", "SIZE TO FIT", "VERIFY IN FIELD" (V.I.F.) AND SIMILAR PHRASES REQUIRE THE CONTRACTOR TO VERIFY AND COORDINATE THE DIMENSIONS OR CONDITIONS INDICATED ON THE DRAWINGS WITH TEH ACTUAL FIELD CONDITION(S).
6. DISCREPANCIES SHALL BE REPORTED TO THEDESIGNER AT ONCE, FOR DIRECTIONS ON HOW TO PROCEED.
7. FIELD VERIFY ALL DIMENSIONS INDICATING EXISTING, EXIST. OR (E) TO COORDINATE WITH NEW WORK.
8. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR UTILITY INFORMATION.
9. CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/PLANTING OUTSIDE OF LIMIT OFWORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ENLARGED SITE PLAN 2

DSA Submittal 04-124823

DATE: **2025.08.19** | CLIENT PROJ NO:

SHEET:

A1.22

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PLEASE RECYCLE

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG ON ORIGINAL PAGE. ADJUST SCALES ON PRINTS ACCORDINGLY

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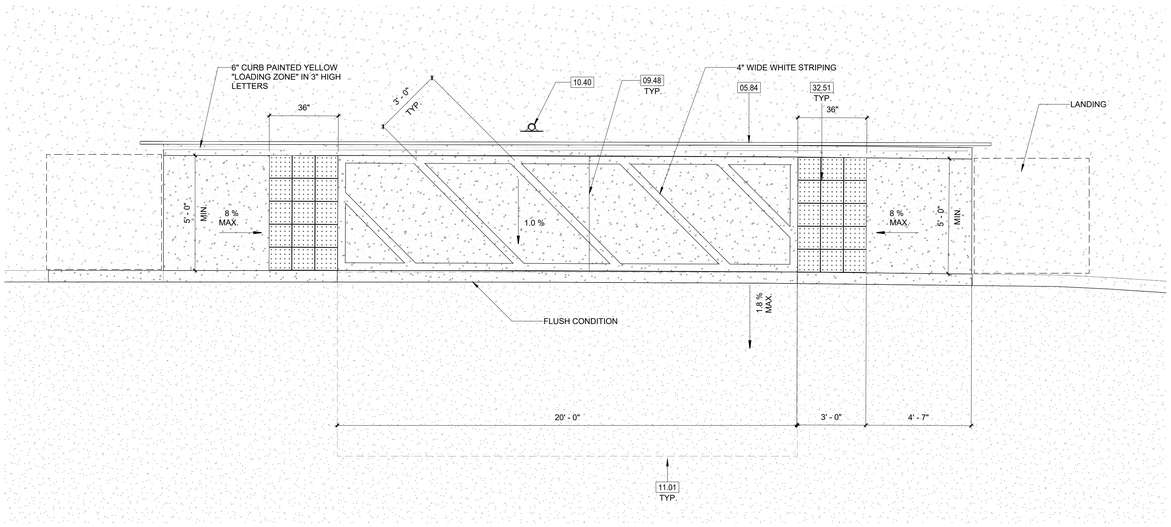
LICENSED ARCHITECT
BRIDGET SHIRLEE FLIGHT
C-35200
REN. 09/30/25
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

05.84	METAL RAILING
09.48	CONTROL JOINT
10.40	STUDENT DROP-OFF/PICK UP ONLY SIGN AND POST | 9/A10.01
11.01	8'X20' VEHICLE PULL-UP SPACE
32.51	TRUNCATED DOMES / DETECTABLE WARNINGS | CIVIL



NOTES

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ENLARGED DROP-OFF

DSA Submittal 04-124823

DATE: **2025.08.19** | CLIENT PROJ NO:

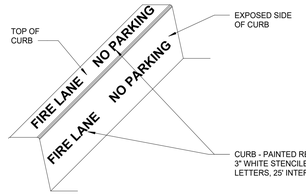
SHEET:

A1.23

ENLARGED NEW PASSENGER DROP-OFF **1** 3/8" = 1'-0"

PLEASE RECYCLE

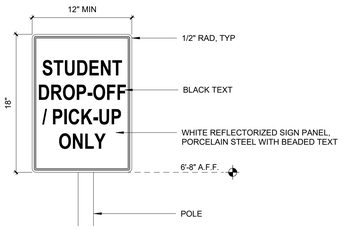
THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG IF THIS SHEET IS ORIGINAL PAPER SIZE



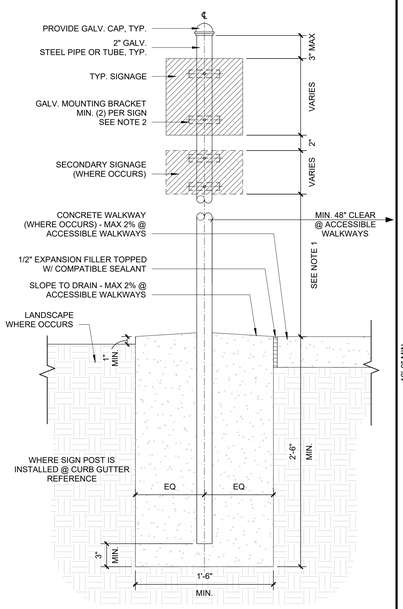
NOTE
1. ALL CURBS DESIGNATED AS "NO PARKING" SHALL BE PAINTED BY ACCEPTABLE RED PAINT AS PREAPPROVED BY SAN DIEGO COUNTY FIRE DEPARTMENT.
2. FOR LOCATIONS OF CURBS TO BE PAINTED RED - REFERENCE SITE PLAN

REV 11/2024

SITE - FIRE LANE CURB PAINTING 11
3/4" = 1'-0"

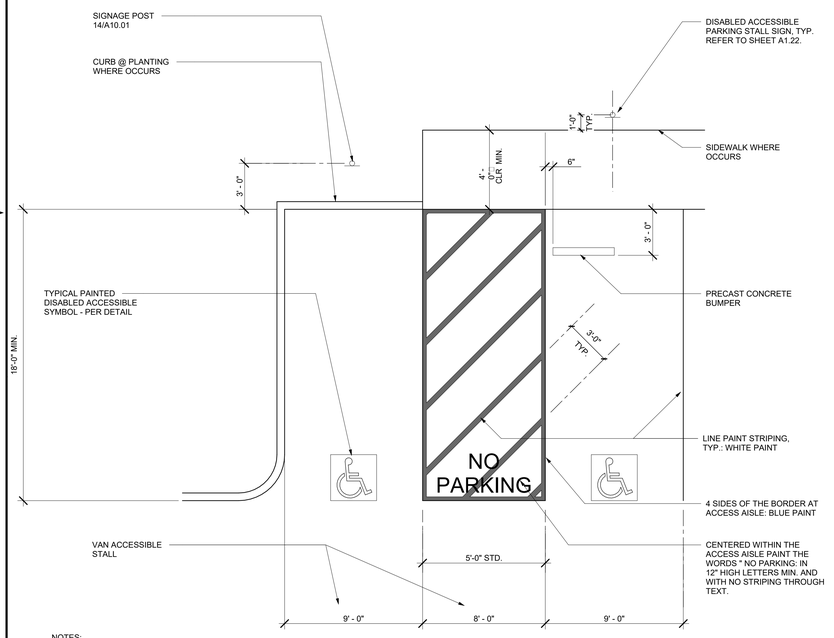


STUDENT DROP OFF ONLY SIGN 9
1 1/2" = 1'-0"



NOTES:
1. SIGNS SHALL BE 60 INCHES (1524 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN. EXCEPTION: SIGNS LOCATED WITHIN A CIRCULATION PATH SHALL BE A MINIMUM OF 80 INCHES (2032 MM) ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN.
2. IF MOUNTING ON FENCE, PROVIDE MIN (2) GALV. MOUNTING BRACKETS SUITABLE FOR FENCE APPLICATION. DO NOT USE THIS DETAIL FOR BRACKET MOUNTING INFO @ WALLS.

TYPICAL SIGNAGE POST 14
1 1/2" = 1'-0"

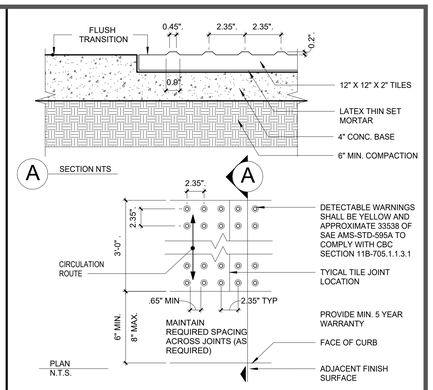


NOTES:

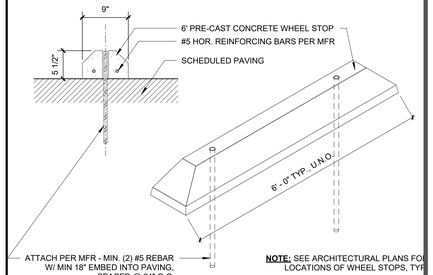
1. PARKING STALL SHALL BE STRIPED USING WHITE PAINT (U.O.N.). STRIPES SHALL BE 4" WIDE

REV 06/2024

TYPICAL ACCESSIBLE PARKING STALL 7
1/4" = 1'-0"



TRUNCATED DOME PAVERS 4
1/8" = 1'-0"

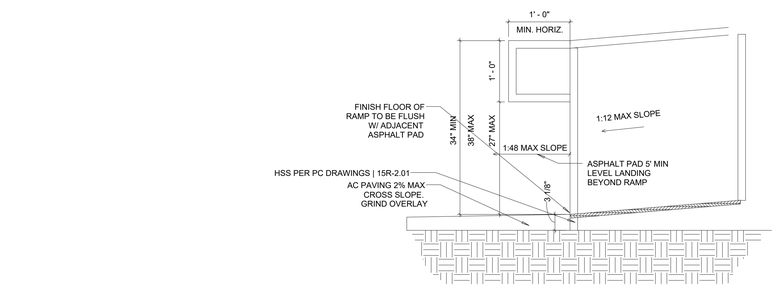


NOTE: SEE ARCHITECTURAL PLANS FOR LOCATIONS OF WHEEL STOPS, TYP.

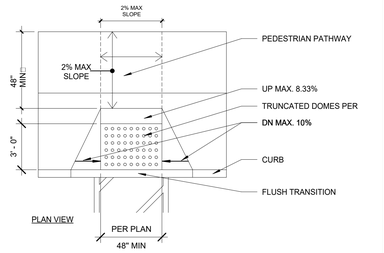
PRECAST CONC. PARKING BUMPER 3
1" = 1'-0"



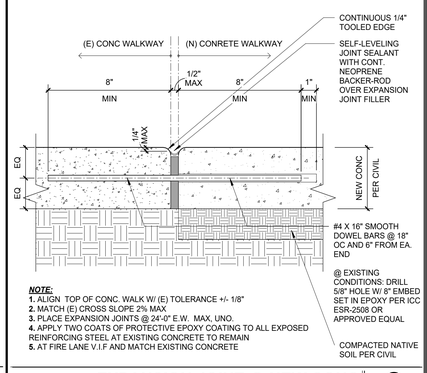
TOW AWAY SIGN 8
3" = 1'-0"



ASPHALT LANDING TO RAMP EXTENSION 10
3" = 1'-0"

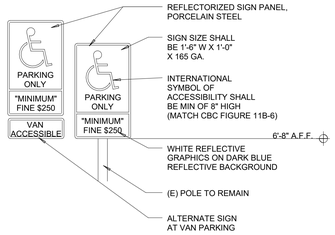


ACCESSIBLE CURB CUT 6
1/4" = 1'-0"



NOTE:
1. ALIGN TOP OF CONC. WALK W/ (E) TOLERANCE +/- 1/8"
2. MATCH (E) CROSS SLOPE 2% MAX
3. PLACE EXPANSION JOINTS @ 24'-0" E.W. MAX, UNO.
4. APPLY TWO COATS OF PROTECTIVE EPOXY COATING TO ALL EXPOSED REINFORCING STEEL AT EXISTING CONCRETE TO REMAIN
5. AT FIRE LANE V.I.F AND MATCH EXISTING CONCRETE

EXPANSION JOINT @ NEW CONC. 2
3" = 1'-0"



ACCESSIBLE PARKING SIGN 13
3" = 1'-0"

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AGENCY APPROVAL:

IDENTIFICATION STAMP
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201 LOMAS SANTA FE DR. STUDIO 200, SOLANA BEACH, CA, 92075
619 744 4077 / www.hmcarchitects.com

LICENSED ARCHITECT BRIDGET SHIRLEE FEGAN C-35200 REN. 09/30/25 STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

NOTES

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
SITE DETAILS

DSA Submittal 04-124823

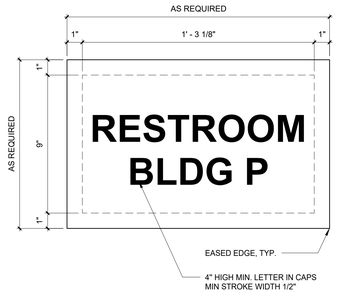
DATE: **2025.08.19** | CLIENT PROJ NO:

SHEET:

A10.01

PLEASE RECYCLE

THE LINE SHOWN ABOVE IS EQUAL TO 1" ON ORIGINAL PLOT. IF NOT, ADJUST SCALE ACCORDINGLY



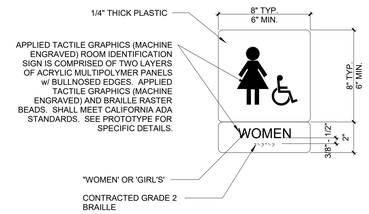
NOTES:

1. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.

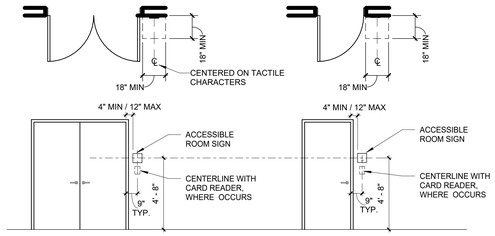
COLOR & FINISH LEGEND
BACKGROUND COLORS PER DISTRICT STANDARDS

ADDRESS IDENTIFICATION SIGNAGE — 11
3" = 1'-0"

NOTES:
1. LOCATE SEE DETAIL:
2. PROVIDE SIGN AT ALL WOMENS/GIRLS RESTROOM DOORS UNO
3. FOR ADDITIONAL TEXT & BRAILLE NOTES SEE DETAIL:
4. TYPEFACE: NUETRA COND. FONT. 1 1/4" LETTERING



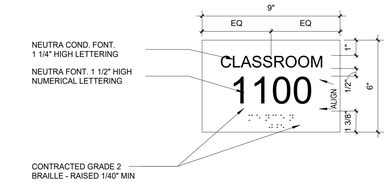
WOMENS/GIRLS RESTROOM ROOM ID SIGNAGE — 7
3" = 1'-0"



NOTE:

1. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE MOUNTED 48" MIN. ABOVE F.F., MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAX. ABOVE F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS (CBC 11B-703-4.1). MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING IS LIMITED TO 90 DEGREE MOUNT SIGN 9" FROM EDGE OF DOOR. TO CENTER LINE OF SIGN.
2. IF SIGN IS MOUNTED TO GLAZING, FOR MORE INFORMATION SEE DETAIL
3. SIGN MATERIAL SHALL BE PER SPECIFICATIONS. PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS. COMPLY WITH CBC 11B-703.
4. REFER TO PLANS FOR SIGNAGE LOCATION AND TYPE.

DOOR SIGNAGE LOCATIONS — 3
1/4" = 1'-0"

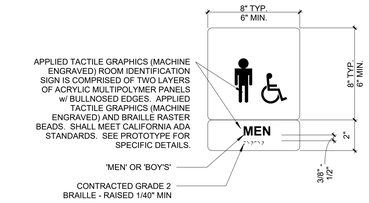


NOTES:

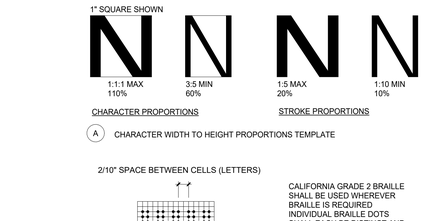
1. SIGN MATERIAL TO BE 1/4" MIN. THICK PLASTIC. PROVIDE MECHAINICAL MOUNTING WITH VANDAL RESISTANT FASTENERS
2. PROVIDE ON SIGN WHERE INDICATED ON SIGNAGE PLANS. MOUNTING LOCATIONS AND NOTES PER DETAIL:
3. FOR ADDITIONAL TEXT AND BRAILLE NOTES SEE DETAIL:
4. WHERE SIGNAGE IS INSTALLED ON GLASS PROVIDE BLANK SIGNAGE ON OPPOSITE SIDE BEING EQUAL SIZE AND COLOR TO MASK ADHESIVE. SEE DETAIL: 9 / A10.81

TYP. ROOM ID SIGNAGE NEW — 10
3" = 1'-0"

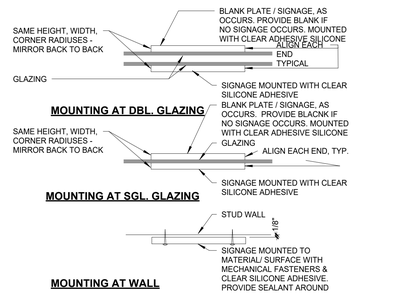
NOTES:
1. LOCATE PER DETAIL
2. PROVIDE SIGN AT ALL MENS/BOYS RESTROOM DOORS UNO
3. FOR ADDITIONAL TEXT & BRAILLE NOTES SEE DETAIL:
4. TYPEFACE: NUETRA COND. FONT. 1 1/4" LETTERING



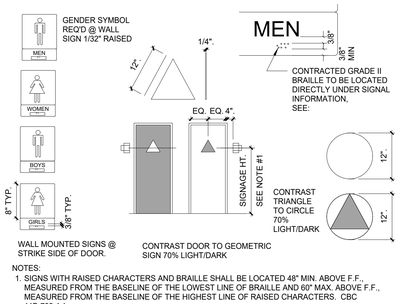
MENS/BOYS RESTROOM ROOM ID SIGNAGE — 6
3" = 1'-0"



RAISED CHARACTERS & BRAILLE STANDARD PER TITLE 24 — 2
1/8" = 1'-0"



ROOM I.D. AND EXIT SIGN MOUNTING — 9
3" = 1'-0"



NOTES:
1. SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED 48" MIN. ABOVE F.F., MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAX. ABOVE F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. CBC 11B-703.4.1

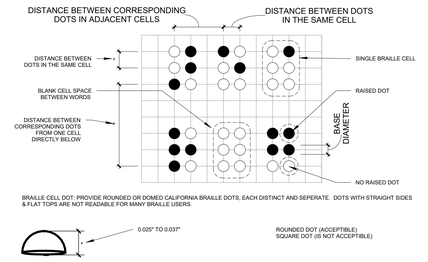
ACCESSIBLE RESTROOM SIGNAGE — 5
1/8" = 1'-0"

SIGNAGE AND GRAPHICS:
RAISED CHARACTERS SHALL COMPLY WITH **CBC SECTION 11B-703.2:**

- **DEPTH:** IT SHALL BE 1/32 INCH (0.8 mm) MINIMUM ABOVE THEIR BACKGROUND AND SHALL BE SANS SERIF UPPERCASE AND BE DUPLICATED IN BRAILLE.
- **HEIGHT:** IT SHALL BE 5/8 INCH (15.9 mm) MINIMUM AND 2 INCHES (51 mm) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". **CBC SECTION 11B-703.2.5**
- **FINISH AND CONTRAST:** CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTER SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. **CBC SECTION 11B-703.5.1**
- **PROPORTIONS:** IT SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% MAXIMUM OF THE HEIGHT OF THE CHARACTER. **CBC SECTIONS 11B-703.2.4 AND 11B-703.2.6**
- **CHARACTER SPACING:** SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL COMPLY WITH **CBC SECTION 11B-703.2.7 AND 11B-703.3.1.**
- **FORMAT:** TEXT SHALL BE IN A HORIZONTAL FORMAT. **CBC SECTION 11B-703.2.9**
- **BRAILLE:** IT SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH **CBC SECTIONS 11B-703.3 AND 11B-703.4.** BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH **CBC TABLE AND FIGURE 11B-703.3.1.**
- **MOUNTING HEIGHT:** TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48" MINIMUM TO THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60" MAXIMUM TO THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS ABOVE THE FINISH FLOOR OR GROUND SURFACE. **CBC SECTION AND FIGURE 11B-703.4.1**
- **MOUNTING LOCATION:** A TACTILE SIGN SHALL BE LOCATED PER **CBC SECTION AND FIGURE 11B-703.4.2** AS FOLLOWS:
  - ALONGSIDE A SINGLE DOOR AT THE LATCH SIDE.
  - ON THE INACTIVE LEAF AT DOUBLE DOORS WITH ONE ACTIVE LEAF.
  - TO THE RIGHT OF THE RIGHT HAND DOOR AT DOUBLE DOORS WITH TWO ACTIVE LEAFS.
  - ON THE NEAREST ADJACENT WALL WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS WITH TWO ACTIVE LEAFS.
  - SO THAT A CLEAR FLOOR SPACE OF 18" X 18" MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

VISUAL CHARACTERS SHALL COMPLY WITH **CBC SECTION 11B-703.5** AND SHALL BE 40" MINIMUM ABOVE FINISH FLOOR OR GROUND AND STROKE THICKNESS SHALL COMPLY WITH **CBC SECTION 11B-703.5**.7.
PICTOGRAMS SHALL COMPLY WITH **CBC SECTION 11B-703.6.**
SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH **CBC SECTION 11B-703.7.**
VARIABLE MESSAGE SIGNS SHALL COMPLY WITH **CBC SECTION 11B-703.8.**

MEASUREMENT RANGE	MINIMUM TO MAXIMUM (IN INCHES)
DOT BASE DIAMETER	0.059 (1.5MM) TO 0.063 (1.6MM)
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL	0.100 (2.5MM)
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS	0.300 (7.6MM)
DOT HEIGHT	0.025 (0.6MM) TO 0.037 (0.9MM)
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	0.395 (10MM) TO 0.400 (10.2MM)
* MEASURED CENTER TO CENTER	

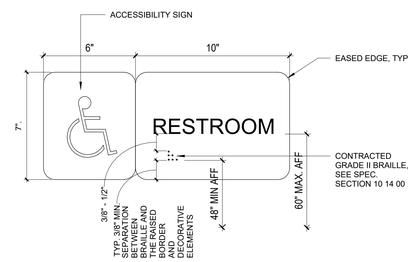


CHARACTER & BRAILLE STANDARDS FOR SIGNAGE PER TITLE 24 — 1
6" = 1'-0"

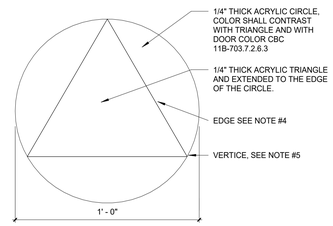
NOTES:
1. LOCATE PER DETAIL:
2. PROVIDE SIGN ON ALL SINGLE TOILET DOORS U.N.O.
3. SIGN COLOR SHALL DISTINCTLY CONTRAST W/DOOR COLOR
4. EDGES SHALL BE EASED OR ROUNDED @ 1/16" MIN. OR CHAMFERED AT 1/8" MAX.
5. VERTICES SHALL BE RADIUSED BETWEEN 1/8" AND 1/4" MAX.

ACCESSIBLE ALL-GENDER RESTROOM DOOR SIGNAGE — 4
3" = 1'-0"

NOTES:
1. LOCATE PER DETAIL:
2. PROVIDE SIGN AT ALL SINGLE TOILET DOORS, UNO
3. FOR ADDITIONAL TEXT & BRAILLE NOTES SEE DETAIL:
4. TYPEFACE: NUETRA COND. FONT. 1 1/4" LETTERING



GENDER INCLUSIVE RESTROOM TACTILE SIGNAGE — 8
3" = 1'-0"



NOTE:
1. LOCATE PER DETAIL:
2. PROVIDE SIGN ON ALL SINGLE TOILET DOORS U.N.O.
3. SIGN COLOR SHALL DISTINCTLY CONTRAST W/DOOR COLOR
4. EDGES SHALL BE EASED OR ROUNDED @ 1/16" MIN. OR CHAMFERED AT 1/8" MAX.
5. VERTICES SHALL BE RADIUSED BETWEEN 1/8" AND 1/4" MAX.

ACCESSIBLE ALL-GENDER RESTROOM DOOR SIGNAGE — 4
3" = 1'-0"

PLEASE RECYCLE

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9/12/2025 6:13:10 PM

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

MURRIETA VALLEY UNIFIED SCHOOL DISTRICT
41870 McALBY COURT
MURRIETA, CALIFORNIA 92562
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DESIGN FOR GOOD
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3219-030-000
201 LOMAS SANTA FE DR. STUDIO 200, SOLANA BEACH, CA. 92075
619 744 4077 / www.hmcarchitects.com

LICENSED ARCHITECT BRIDGET SHIRLEE FEGAN C-35200 REN: 09/30/25 STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

NOTES

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E. HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
SIGNAGE DETAILS

DSA Submittal 04-124823

DATE: **2025.08.19** | CLIENT PROJ NO:

SHEET:

A10.81

ELECTRICAL SYMBOL LEGEND

SOME SYMBOLS IN THIS LEGEND MAY OR MAY NOT BE USED IN THIS PROJECT. FLOOR PLANS MUST DICTATE WHICH SYMBOLS ARE APPLICABLE.

SYMBOL	DESCRIPTION
A–1,3	CONDUIT HOMERUN WITH PANEL DESIGNATION AND CIRCUITS INDICATED.
	CONDUIT/WIRING, INSTALLED IN OR BELOW FLOOR SLAB.
	CONDUIT/WIRING, EXPOSED.
	CONDUIT/WIRING CONCEALED IN WALL OR CEILING SPACE.
	CONDUIT, FLEXIBLE CONNECTION DRY LOCATIONS – FLEXIBLE STEEL CONDUIT WET LOCATIONS – LIQUIDTIGHT FLEXIBLE STEEL CONDUIT
A	LIGHT FIXTURE DESIGNATION
S N1 N2	LED LIGHTING FIXTURE UPPER CASE LETTER(S) = FIXTURE TYPE NUMBER = CIRCUIT NUMBER LOWER CASE LETTER(S) = ROOM SWITCHING CIRCUITS AND NUMBER OF SWITCHES NOTE: THIS LABELING SCHEME IS TYPICAL FOR ALL LIGHT FIXTURES.
S	LED, WALL MOUNTED LIGHT FIXTURE.
S	LED STRIP OR UNDERCABINET TASK LIGHT
S EM	LED LIGHTING FIXTURE WITH EMERGENCY BATTERY PACK OR CONNECTED TO EMERGENCY POWER SYSTEM.
	POLE MOUNTED LIGHT FIXTURE WITH POLE AND FOUNDATION. NUMBER AND ORIENTATION OF LUMINAIRES AS SHOWN ON DRAWINGS.
	LIGHTING FIXTURE, WALL OR BRACKET MOUNTED.
	LIGHTING FIXTURE, SURFACE OR RECESSED MOUNTED.
EM	LIGHTING FIXTURE WITH EMERGENCY BATTERY PACK OR CONNECTED TO EMERGENCY POWER SYSTEM.
	TRACK LIGHTING WITH FIXTURES.
MS	MOTION SENSOR, DUAL TECHNOLOGY, CEILING MOUNTED NOT TO BE LOCATED WITHIN 48" OF ANY HVAC DIFFUSER.
	EXIT LIGHT FIXTURE. DARKENED AREA INDICATES FIXTURE FACE. ARROW INDICATES DIRECTION OF FACE ARROW. LL = LOW LEVEL
S^{3}_{ab}	LIGHT SWITCH, WALL MOUNTED AT +42" AFF, U.O.N. 2 = TWO POLE, 3 = THREE WAY, 4 = FOUR WAY a,b = INDICATES ROOM SWITCHING CIRCUITS AND NUMBER OF SWITCHES D = DIMMER K = KEYED OC = OCCUPANCY SENSOR, DUAL TECHNOLOGY VS = VACANCY SENSOR, MANUAL ON, WHERE REQUIRED BY CODE P = PILOT LIGHT, LIGHTED IN THE OFF POSITION. BP = BYPASS TIMER WP = WEATHERPROOF WR = WEATHER RESISTANT F = FAN SWITCH S = SOLATUBE CONTROL T = TIMER SWITCH LV = LOW VOLTAGE
J	JUNCTION BOX, HANDHOLE OR PULLBOX WITH COVER, SIZE PER NEC, ART. 314.28.
	GROUND
	FUSE
M	UTILITY COMPANY APPROVED CT/METER PROVISIONS
	FUSED SWITCH
	CIRCUIT BREAKER
TC	TIME CLOCK
	LIGHTING OR POWER PANEL – FLUSH MOUNT UNLESS INDICATED OTHERWISE
LA	DISTRIBUTION BOARD, LIGHTING OR POWER PANEL DESIGNATION
FC 3	MOTOR OR MECHANICAL EQUIPMENT, WITH FLEXIBLE CONNECTION
	MECHANICAL EQUIPMENT DESIGNATION
30AS 3P F	DISCONNECT SWITCH (30=AMPS 3=POLES) NEMA 1 INDOORS NEMA 3R IN WET LOCATIONS F = FUSED PROVIDE TIME–DELAY TYPE FUSE(S) SIZED PER EQUIPMENT MANUFACTURERS NAMEPLATE RATING.
SM	MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD PROTECTOR
'O'	MAGNETIC MOTOR STARTER WITH THERMAL OVERLOAD PROTECTOR
30AS 3P 'O'	COMBINATION MOTOR STARTER WITH FUSED SWITCH, WITH THERMAL OVERLOAD PROTECTOR AND DUAL ELEMENT FUSES. (30=AMPS, 3=POLES O=STARTER SIZE).
	PUSHBUTTON OR SHUNT TRIP STATION
GFI	DUPLEX RECEPTACLE, +18" AFF, U.O.N.; NEMA 5–20R, U.O.N.; NUMBER INDICATES CIRCUIT NUMBER. GFIF = GROUND FAULT INTERRUPTION, FEED–THRU TYPE WP = WEATHERPROOF WITH A WEATHERPROOF WHILE–IN–USE COVER WR = WEATHER–RESISTANT TYPE RECEPTACLE WITH A WEATHERPROOF WHILE IN–USE COVER GFI = GROUND FAULT INTERRUPTION.
OR	DOUBLE DUPLEX RECEPTACLE, +18" AFF, U.O.N.
	DUPLEX RECEPTACLE ABOVE COUNTERTOP BACKSPLASH, VERIFY REQ'D HEIGHT
J	POWER RECEPTACLE, SEE POWER RECEPTACLE SCHEDULE FOR NEMA CONFIGURATION AND SIZE.
	POWER POLE, WITH NUMBER OF RECEPTACLES INDICATED
	DUPLEX RECEPTACLE, PEDESTAL MOUNTED
	CEILING MOUNTED DUPLEX RECEPTACLE AT T–BAR CEILING NOT TO BE MOUNTED IN CEILING SPACE.
	DUPLEX RECEPTACLE, FLUSH FLOOR MOUNTED, WITH HINGED COVER, U.O.N.
	CORD SUSPENDED CEILING RECEPTACLE, WITH STRAIN RELIEF ASSEMBLY
	SURFACE MOUNTED DUPLEX RECEPTACLE +18" AFF, U.O.N.
	SURFACE MOUNTED DOUBLE DUPLEX RECEPTACLE +18" AFF, U.O.N.
	DOUBLE DUPLEX RECEPTACLE, +18" AFF, U.O.N. 1–CONTROLLED + 1–UNCONTROLLED DUPLEX RECEPTACLE. CONTROLLED RECEPTACLE TO BE GRAY IN COLOR.

SYMBOL	DESCRIPTION
DD	DUCT MOUNTED SMOKE DETECTOR
SS	SOLID STATE, ELECTRONIC, ADJUSTABLE TRIP CIRCUIT BREAKER WITH LSIG.
DS	DAYLIGHT AREA SENSOR, PRIMARY AND SECONDARY WHERE APPLICABLE
SD	SMOKE DETECTOR
	FIRE SMOKE DAMPER (PROVIDED BY OTHER'S)

Signal Systems

SYMBOL	DESCRIPTION
	TELEPHONE OR TERMINAL BACKBOARD
	TELEPHONE OR TERMINAL CABINET, WITH PLYWOOD BACKBOARD
S	PAGING SPEAKER, WALL MOUNT
S	PAGING SPEAKER, CEILING MOUNT WITH BACKBOX
I	INTRUSION INFRARED SENSOR.
	TIME–OF–DAY CLOCK OUTLET AND CLOCK, AT +96" AFF, U.O.N.
TV	CABLE TELEVISION OUTLET, AT +18" AFF, U.O.N.
CA	CLOCK AND SPEAKER COMBINATION
	DATA JUNCTION BOX, AT +18" AFF U.O.N., WITH 1–1/4" CONDUIT ONLY WITH PULLSTRING UP TO NEAREST CABLE TRAY OR ACCESSIBLE TO CEILING SPACE.
	TELEPHONE JUNCTION BOX, AT +18" AFF U.O.N., WITH 1–1/4" CONDUIT ONLY WITH PULLSTRING UP TO NEAREST ACCESSIBLE TO CEILING SPACE. W = WALL MOUNT AT +46" AFF, U.O.N.
	TELE/DATA JUNCTION BOX AT +18" AFF, U.O.N., WITH (2)1–1/4" CONDUIT ONLY WITH PULLSTRING UP TO NEAREST CABLE TRAY OR ACCESSIBLE CEILING SPACE. W = WALL MOUNT AT +46" AFF, U.O.N.
	CEILING MOUNTED DATA AT T–BAR CEILING NOT TO BE MOUNTED IN CEILING SPACE, WITH 1" CONDUIT AND (1) CAT 6 CABLE TO INTERMEDIATE DISTRIBUTION FRAME AS INDICATED ON DWGS.
	PROJECTOR SHOWN FOR REFERENCE ONLY
	DATA OUTLET, FLUSH FLOOR MOUNTED, WITH HINGED COVER, U.O.N.

DEMOLITION NOTES

1. THE CONTRACTOR MUST VISIT THE SITE SPECIFICALLY INCLUDING ALL AREAS INDICATED ON THE DRAWINGS. THE CONTRACTOR MUST THOROUGHLY FAMILIARIZE THEMSELVES WITH THESE EXISTING CONDITIONS, AND BY SUBMITTING A BID ACCEPTS CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO PERFORM THEIR WORK.
2. IT MUST BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES, RECEPTACLES, ELECTRICAL EQUIPMENT, ETC., AFFECTED BY THE REMODELED AREA. THIS WILL INCLUDE REROUTING, OR THE EXTENSION OF, EXISTING CONDUIT AND FEEDERS WHERE NECESSARY TO MAINTAIN THE CONTINUITY OF EXISTING EQUIPMENT REMAINING.
3. ALL CIRCUIT NUMBERS AND EXISTING CONDUIT HOMERUNS SHOWN ON THESE DRAWINGS WERE TAKEN FROM EXISTING RECORD DRAWINGS. IT IS THIS CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF HOMERUNS, AND ADJUST CIRCUIT NUMBERS ACCORDING TO EXISTING CONDITIONS IF REQUIRED.
4. WHERE EXISTING WALLS HAVE BEEN REMOVED, AND THERE ARE EXISTING CONDUIT FEEDS WHICH HAVE BEEN CUT–OFF AND CAPPED FLUSH WITH FLOOR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND DIMENSION ALL SUCH CONDUITS ON THE "AS–BUILT" DRAWINGS UNLESS NOTED OTHERWISE.
5. IT MUST BE THE RESPONSIBILITY OF THIS CONTRACTOR TO MAINTAIN CONTINUITY OF ALL ELECTRICAL SYSTEMS, EQUIPMENT, ETC., REMAINING IN OPERATION WHICH ARE BEING FED BY AN ABANDONED OUTLET. MAINTAINING CONTINUITY MUST CONSIST OF REROUTING CONDUIT, WIRING, ETC., AS REQUIRED.
6. WHERE NEW CIRCUITS ARE SHOWN TO EXISTING PANELS, INSTALL NEW BREAKERS OF SAME TYPE, STYLE AND RATING (MINIMUM 20 AMP, SINGLE POLE) AS CALLED FOR ON DRAWINGS. IDENTIFY EACH NEW CIRCUIT ON PANEL SCHEDULE.
7. EXISTING CONDUIT MAY BE REUSED IF ADEQUATELY SIZED, BUT IN NO CASE MUST ANY EXISTING CONDUCTORS BE REUSED.
8. ALL ABANDONED OUTLETS INCLUDING LIGHT, RECEPTACLES, TELEPHONE, ETC., MUST BE COVERED AND PATCHED TO MATCH THE FINISH OF SURROUNDING WALL OR CEILING TO THE SATISFACTION OF THE OWNER.
9. ALL LIGHTING FIXTURES REMOVED TO ACCOMPLISH DEMOLITION WORK MUST BE REINSTALLED SIMILAR TO NEW WORK

BRANCH CIRCUIT WIRING NOTE

1. FOR RECEPTACLE CIRCUITS AND 120 VOLT BRANCH CIRCUITS, UNLESS NOTED OTHERWISE, PROVIDE THE FOLLOWING CONDUCTORS: (1) #12 CONDUCTOR FOR EACH PHASE (I.E. CIRCUIT NUMBER) AND (1) SEPARATE DEDICATED #12 NEUTRAL CONDUCTOR FOR EACH SINGLE 120 VOLT CIRCUIT OR FOR 2 TO 3 CIRCUITS PROVIDED THEY ARE OF DIFFERENT PHASES; (1) EQUIPMENT GROUNDING CONDUCTOR, SIZED PER CEC. FOR CIRCUITS TO COMPUTER/DATA EQUIPMENT, PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT.
2. FOR LIGHTING BRANCH CIRCUITS, PROVIDE THE FOLLOWING CONDUCTORS: (1) #12 CONDUCTOR FOR EACH PHASE (I.E. CIRCUIT NUMBER); (1) #12 NEUTRAL CONDUCTOR FOR A SINGLE, 120 OR 277 VOLT CIRCUIT, OR (1) #12 NEUTRAL CONDUCTOR FOR 2 TO 3 CIRCUITS WHERE EACH CIRCUIT IS ON A DIFFERENT PHASE; (1) EQUIPMENT GROUNDING CONDUCTOR, SIZED PER CEC ARTICLE 250 (DO NOT USE A COMMON NEUTRAL FOR MULTIPLE CIRCUITS ON SAME PHASE) (1) INTERCONNECTING CONDUCTOR BETWEEN EACH 3–WAY AND/OR 4–WAY SWITCH

APPLICABLE CODES

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2021 EDITION INTERNATIONAL BUILDING CODE, VOL. 1 & 2)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2020 EDITION NATIONAL ELECTRICAL CODE)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2021 EDITION IAPMO UNIFORM MECHANICAL CODE)
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2021 EDITION IAPMO UNIFORM PLUMBING CODE)
- 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
- 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2021 EDITION INTERNATIONAL FIRE CODE)
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2021 EDITION INTERNATIONAL)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, CCR
- TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARMUST REGULATIONS

PROJECT NOTES

1. THESE DOCUMENTS MAY NOT BE USED FOR ANY REPRODUCTION, BIDDING, OR CONSTRUCTION UNLESS AUTHORIZED, IN WRITING, BY SALAS O'BRIEN AND THE ENGINEER OF RECORD RESPONSIBLE FOR THEIR PREPARATION.
2. VERIFY EXISTING SITE CONDITIONS, ELECTRICAL SERVICE REQUIREMENTS, DIMENSIONS, ELEVATIONS, POINTS OF CONNECTION AND PROJECT CONSTRUCTION LIMITS BEFORE SUBMITTING BID. SUBMITTAL OF BID INDICATES CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED. ANY DISCREPANCIES MUST BE CALLED TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
3. THESE DRAWINGS ARE DIAGRAMMATIC AND ONLY INDICATE THE INTENT OF OUTLETS, DEVICES, ETC., TO BE CONNECTED AND THE CIRCUIT NUMBERS TO WHICH THEY ARE TO BE CONNECTED TO. CONTRACTOR MUST INSTALL ALL REQUIRED JUNCTION BOXES ETC., AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM WHICH COMPLIES WITH ALL LOCAL AND NATIONAL GOVERNING CODES.
4. ALL EXTERIOR EQUIPMENT MUST BE WEATHERPROOF.
5. LOCATIONS OF ALL EQUIPMENT MUST BE VERIFIED PRIOR TO ROUGH–IN.
6. EACH CONDUCTOR OF EVERY SYSTEM MUST BE PERMANENTLY TAGGED IN COMPLIANCE WITH OSHA.
7. PVC CONDUIT, WITH CODE SIZED GROUND, MUST BE USED UNDERGROUND ONLY, IF APPROVED BY LOCAL CODE. INSTALL PER LOCAL CODE REQUIREMENTS. CONDUIT RISERS AND STUBS ABOVE GRADE MUST BE I.M.C. WITH HALF–LAPPED TAPE COVERING OR PVC COATING.
8. CONTRACTOR MUST PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC. FOR A COMPLETE AND PROPERLY OPERATING ELECTRICAL SYSTEM.
9. ALL MATERIALS MUST BE NEW, AND OF THE SAME MANUFACTURER FOR EACH CLASS OR GROUP OF EQUIPMENT. MATERIALS MUST BE LISTED AND APPROVED BY THE UNDERWRITER'S LABORATORIES, AND MUST BEAR THE INSPECTION LABEL WHERE SUBJECT TO SUCH APPROVAL. MATERIAL MUST MEET WITH THE APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY, AND ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS MUST BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY A.N.S.I., U.L., N.E.M.A. AND N.B.F.U. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
10. ALL CONDUIT MUST BE INSTALLED CONCEALED WHERE PHYSICALLY POSSIBLE. ALL EXPOSED CONDUIT MUST BE INTERMEDIATE METAL CONDUIT AND INSTALLED PARALLEL TO OR AT RIGHT ANGLES WITH THE BUILDING WALLS. IF VIEWED BY THE PUBLIC, PAINT TO MATCH SURFACE TO WHICH IT IS ATTACHED.
11. CONTRACTOR MUST CARRY OUT HIS WORK IN ACCORDANCE WITH ALL GOVERNING STATE, COUNTY, LOCAL CODES, O.S.H.A. AND THE CURRENTLY ADOPTED NATIONAL ELECTRICAL CODE (N.E.C.).
12. THE COMPLETE ELECTRICAL SYSTEM MUST BE GROUNDED IN ACCORDANCE WITH THE CURRENTLY ADOPTED EDITION OF THE NEC, ARTICLE 250.
13. ALL ELECTRICAL PENETRATIONS THROUGH FIRE RATED AREA SEPARATION AND CORRIDOR ASSEMBLIES INCLUDING CONDUITS AND PIPING MUST BE TIGHTLY AND SOLIDLY SEALED WITH FIRESTOPPING WALLBOARD COMPOUND AND MUST BE AN APPROVED MATERIAL AS REQUIRED BY LOCAL ENFORCING AGENCY.
14. ELECTRICAL CONTRACTOR MUST SECURE ALL NECESSARY BUILDING PERMITS, UTILITY CHARGES AND PAY FOR SAME. COORDINATE AND PAY FOR ALL ELECTRICAL SERVICE CHARGES WITH THE BUILDING DEPARTMENT, SERVING UTILITY AND OWNER.
15. COMPLETE JOB MUST BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER AFTER DATE OF ACCEPTANCE BY OWNER. ANY WORK, MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD MUST BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE ELECTRICAL CONTRACTOR.
16. CONDUCTORS MUST BE CODE GRADE, 600 VOLT CLASS, COPPER (UNLESS NOTED OTHERWISE) MARKED EVERY 24" ALONG IT'S LENGTH SHOWING MANUFACTURER'S NAME, MAXIMUM ALLOWABLE VOLTAGE AND SIZE. GENERAL PURPOSE WIRING MUST BE SOLID COPPER CONDUCTORS #10 AND SMALLER, STRANDED COPPER CONDUCTORS FOR #8 AND LARGER, TYPE "THWN"(WET) OR "THHN"(DRY). FOR SPECIAL PURPOSE WIRE TYPES REFER TO EQUIPMENT MANUFACTURER'S PLANS.
17. ALL CONDUIT ONLY (C.O.) MUST HAVE A PULL WIRE OR ROPE.
18. USE ONLY COMPETENT AND SKILLED PERSONNEL AND PERFORM ALL WORK, INCLUDING AESTHETIC AS WELL AS ELECTRICAL AND MECHANICAL ASPECTS TO STANDARDS CONSISTENT WITH THE BEST PRACTICES OF THE TRADE.
19. ALL ELECTRICAL SYSTEM CONDUCTORS MUST BE INSTALLED IN APPROVED RACEWAYS. NON–METALLIC SHEATHED CABLE IS NOT APPROVED.
20. WHERE IT BECOMES NECESSARY TO DRILL INTO OR CUT THROUGH ANY EXISTING SLABS, WALKWAYS OR DRIVES TO PERMIT THE INSTALLATION OF ANY WORK UNDER THIS CONTRACT, OR TO REPAIR ANY DEFECTS THAT MAY APPEAR TO THE EXPIRATION OF THE WARRANTY, SUCH CUTTING AND PATCHING MUST PERFORMED BY TRADESMAN EXPERIENCED IN THE WORK REQUIRED. CONTRACTOR MUST PAY FOR ALL COSTS REQUIRED FOR CUTTING OR REPAIRING. ALL FINISHES MUST MATCH EXISTING OR NEW ADJACENT SURFACES.
21. ALL BROCHURES, OPERATING MANUALS, CATALOGS, ETC. MUST BE TURNED OVER TO THE OWNER AT JOB COMPLETION.
22. ALL SUBSTITUTIONS MUST BE SUBMITTED IN WRITING TO THE ARCHITECT TEN (10) DAYS PRIOR TO BID. SUBMITTAL MUST INCLUDE, BUT NOT BE LIMITED TO, COST SAVINGS, WRITTEN REASON FOR SUBSTITUTION AND A WRITTEN STATEMENT THAT IF THE SUBSTITUTION IS APPROVED, THERE WILL BE NO DELAY IN DELIVERY, CONSTRUCTION TIME OR COST TO OTHER TRADES.
23. PROVIDE ENGRAVED PLASTIC NAMEPLATES FOR ALL MAJOR PIECES OF EQUIPMENT. PLATES MUST BE 3 PLY, BLACK FACE, WHITE CORE WITH 1/4" HIGH CONDENSED GOTHIC LETTERING. SCREW–ON ATTACHMENT ONLY. NO CEMENT.
24. PROVIDE THE OWNER WITH ONE (1) SET OF COMPLETE ELECTRICAL "AS–BUILTS" AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DEPTHS AND LOCATIONS.
25. WHERE A CONFLICT OCCURS BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS ISSUED AS PART OF THESE DOCUMENTS, THE MORE STRINGENT REQUIREMENTS MUST PREVAIL.
26. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES. THE OWNER WILL MAKE NO SUBSEQUENT ALLOWANCE FOR ELECTRICAL WORK REQUIRED BY OTHER TRADES. OBTAIN ALL OTHER PERTINENT INFORMATION REQUIRED TO MEET ACTUAL BUILDING OR FIELD CONDITIONS.
27. ALL FINAL CONNECTIONS TO OWNER–FURNISHED EQUIPMENT MUST BE MADE BY THE CONTRACTOR. CONNECTIONS TO ALL EQUIPMENT FURNISHED BY OTHERS MUST BE COORDINATED. THE CONTRACTOR MUST BE RESPONSIBLE FOR COORDINATION WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGHING IN ALL CONDUIT TO THIS EQUIPMENT.
28. NOTIFY THE OWNER'S REPRESENTATIVE WHEREVER A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT DEVICES, CIRCUIT BREAKERS, TRANSFORMERS, GROUND FAULT PROTECTION SYSTEMS, ETC. (ALL MATERIALS) THAT ARISE ON THE DRAWINGS AND/OR SPECIFICATIONS. PROVIDE AND INSTALL ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON DRAWINGS AND/OR IN THE SPECIFICATIONS TO INSURE COMPLETE AND OPERABLE SYSTEMS AS REQUIRED BY THE OWNER AND ENGINEER.
29. ALL FEEDER AND BRANCH CIRCUITS MUST BE PROVIDED WITH AN EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC, AND RUN IN THE SAME RACEWAY OR CONDUIT SUPPLYING SUCH FEEDER OR BRANCH CIRCUIT.
30. TRENCH AND BACKFILL AS REQUIRED TO PERFORM UNDERGROUND WORK. USE EXTREME CAUTION WHEN TRENCHING SO AS NOT TO INTERFERE WITH EXISTING UNDERGROUND UTILITIES. REPAIR ANY DAMAGE CAUSED BY UNDERGROUND TRENCHING.
31. PATCH AND REPAIR WALLS OR CEILINGS WHICH HAVE BEEN DAMAGED BECAUSE OF ELECTRICAL WORK.
32. CONDUIT MUST NOT BE RUN THROUGH ANY STRUCTURAL MEMBER OF THE BUILDING, EXCEPT AS SPECIFICALLY DIRECTED BY THE OWNER'S REPRESENTATIVE. UNDER NO CIRCUMSTANCE MUST CONDUIT RUN THROUGH COLUMNS, FOOTINGS OR GRADE BEAMS.
33. FOR ADDITIONAL ROUGH–IN AND WIRING REQUIREMENTS SEE MANUFACTURER'S INSTALLATION PLANS, WHICH ARE SUPPLEMENTAL TO AND PART OF THE ELECTRICAL WORK.
34. EXACT ROUTING OF ALL FEEDERS, CONDUITS, ETC. MUST BE FIELD VERIFIED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. COORDINATE THE INSTALLATION WITH OTHER TRADES.
35. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF RECESSED, SURFACE OR PENDANT MOUNTED LIGHT FIXTURES.
36. COLD WATER PIPE GROUNDING BOND MUST BE LOCATED WITHIN 5' OF BUILDING ENTRANCE.
37. CONTRACTOR MUST VERIFY EXACT LOADS OF HVAC EQUIP. WITH MECHANICAL ENGINEER AND HVAC UNIT MANUFACTURER PRIOR TO START OF WORK. IN CASE OF ANY DISCREPANCIES OR POTENTIAL CONFLICTS, INFORM ARCHITECT AND ELECTRICAL ENGINEER IN WRITING PRIOR TO PROCEEDING ANY FURTHER.
38. PIPES, DUCTS AND CONDUITS MUST BE SUPPORTED AND BRACED PER THE S.M.A.C.N.A. "GUIDELINES FOR SEISMIC RESTRAINT OF MECHANICAL SYSTEMS AND PLUMBING AND PIPING SYSTEMS".
39. ALL ELECTRICAL EQUIPMENT MUST BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
    A. EQUIPMENT ON GRADE – 20% OF OPERATING WEIGHT
    B. EQUIPMENT ON STRUCTURE – 30% OF OPERATING WEIGHT
    C. FOR FLEXIBLY MOUNTED EQUIPMENT USE FOUR (4) TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE ONE–THIRD (1/3) TIMES THE HORIZONTAL FORCE.
    D. THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR I = 1.0 AND SEISMIC ZONE Z = 0.4
    E. WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION MUST BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER AND THE FIELD INSPECTOR.
40. ALL OUTLET RATINGS MUST BE 20 AMPS, UNLESS NOTED OTHERWISE.

ABBREVIATIONS

A	AMPS
AF	AMP FUSE (SIZE), AMP FRAME (SIZE)
AFCI	ARC FAULT CURRENT INTERRUPT
AFF	ABOVE FINISH FLOOR
AS	AMP SWITCH (SIZE)
BC	BARE COPPER
C	CONDUIT
CB	CIRCUIT BREAKER
CIR	CIRCUIT
CO	CONDUIT ONLY, WITH PULL LINE
CU	COPPER
EDF	ELECTRIC DRINKING FOUNTAIN
EM	EMERGENCY POWER
EMT	ELECTRICAL METALLIC TUBING
EX	EXISTING
EXP	EXPLOSION PROOF
F	FUSE
G	GROUND CONDUCTOR
GFI	GROUND FAULT INTERRUPT PROTECTION
GND	GROUND
I.G.	ISOLATED GROUND
IMC	INTERMEDIATE METALLIC CONDUIT
ISC	INTERRUPTING SHORT CIRCUIT
LCL	LONG CONTINUOUS LOAD
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MIN	MINIMUM
MLO	MAIN LUGS ONLY
NA	NON–AUTOMATIC
NEC	NATIONAL ELECTRICAL CODE
NKE	NO KNOWN EQUAL; NO SUBSTITUTES
NOM	NOMINAL
NTS	NOT TO SCALE
P	POLE
PH OR ø	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL
SFM	STATE FIRE MARSHAL
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TYP	TYPICAL, UNLESS NOTED OTHERWISE, OF MANY
U.O.N.	UNLESS OTHERWISE NOTED OR INDICATED
V	VOLTS
WP	WEATHERPROOF
X	EXISTING TO REMAIN
XL	EXISTING TO BE RELOCATED
XN	NEW LOCATION OF RELOCATED EQUIPMENT
XR	EXISTING TO BE REMOVED
XFMR	TRANSFORMER

AGENCY APPROVAL:

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201 LOMAS SANTA FE DR, STUDIO 200, SOLANA BEACH, CA, 92075
619 744 4077 / www.hmcarchitects.com

LICENSED ARCHITECT BRIDGET SHIRLEE ITLEY C-35200 REN: 09/30/25 STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

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760.560.0100
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CT - - CT E-Mail

REGISTERED PROFESSIONAL ENGINEER JOHN A. GIORDANO No. E18809 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA

KEYNOTES

NOTES

KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ELECTRICAL
LEGEND AND GENERAL NOTES

DSA Submittal 04-124823

DATE: **2025.09.12** | CLIENT PROJ NO:

SHEET:

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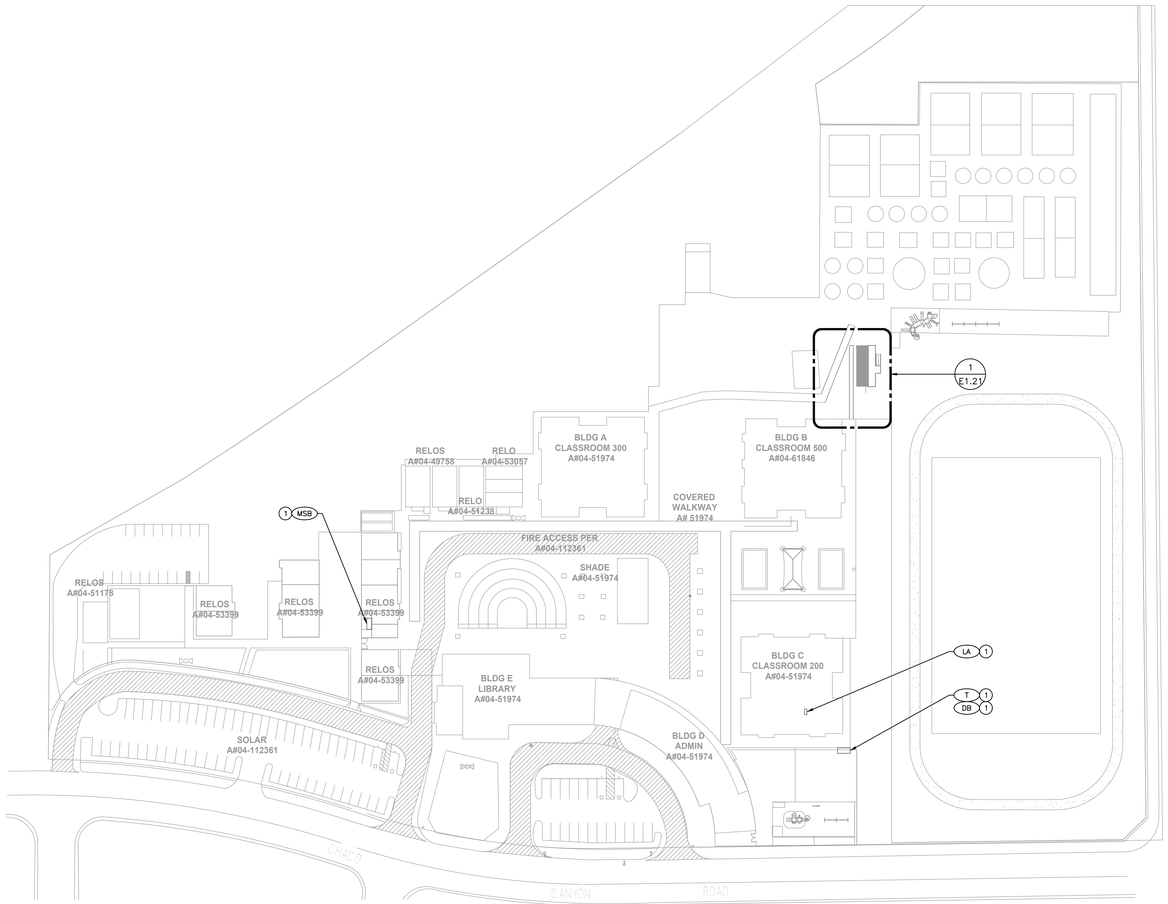
THE LINE BROKEN ABOVE IS EXACTLY 3" LONG WHEN PLOTTED ON 24X36 ARCHITECTURAL MADE SIZE

GENERAL NOTES

A. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

KEY NOTES

1 EXISTING ELECTRICAL EQUIPMENT TO REMAIN.



N

ELECTRICAL SITE PLAN 1 1" = 50'-0"

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REGISTERED PROFESSIONAL ENGINEER DARREN A. GRAVES No. E18809 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA

KEYNOTES

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KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ELECTRICAL
SITE PLAN

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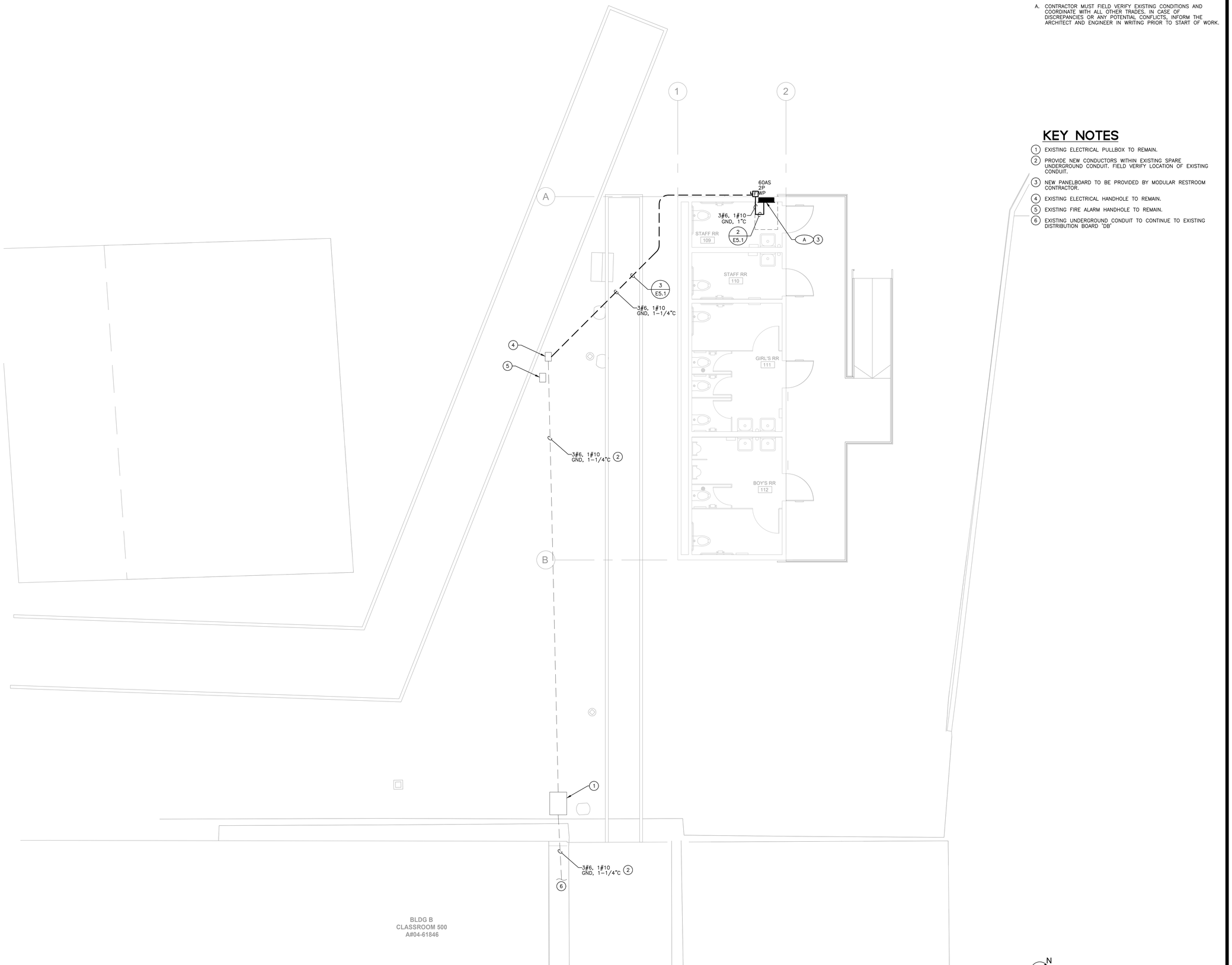
DATE: 2025.09.18 | CLIENT PROJ NO:

SHEET:

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THE LINE BROWN ABOVE IS EXACTLY 1" WHEN PLOTTED ON 24X36 SHEETS (ORIGINAL IMAGE SIZE)



GENERAL NOTES

A. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

KEY NOTES

1. EXISTING ELECTRICAL PULLBOX TO REMAIN.
2. PROVIDE NEW CONDUCTORS WITHIN EXISTING SPARE UNDERGROUND CONDUIT. FIELD VERIFY LOCATION OF EXISTING CONDUIT.
3. NEW PANELBOARD TO BE PROVIDED BY MODULAR RESTROOM CONTRACTOR.
4. EXISTING ELECTRICAL HANDHOLE TO REMAIN.
5. EXISTING FIRE ALARM HANDHOLE TO REMAIN.
6. EXISTING UNDERGROUND CONDUIT TO CONTINUE TO EXISTING DISTRIBUTION BOARD 'DB'

ELECTRICAL ENLARGED FLOOR PLAN | 1 | 1/4" = 1'-0"

PLEASE RECYCLE

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LICENSED ARCHITECT
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C-35200
REN. 09/30/25
STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER
RICHARD A. GRIMMER
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Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

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KEYNOTES

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KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ELECTRICAL
ENLARGED FLOOR PLAN

DSA Submittal 04-124823

DATE: **2025.09.18** | CLIENT PROJ NO:

SHEET:

E1.21

THE LINE SHOWN ABOVE IS EXACTLY 1" WHEN PLOTTED AT FULL SIZE (SHEETS ORIGINAL MADE 22X36)

GENERAL NOTES

A. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

B. ALL WORK SHOWN LIGHT IS EXISTING, ALL WORK SHOWN DARK IS NEW UNLESS NOTED OTHERWISE.

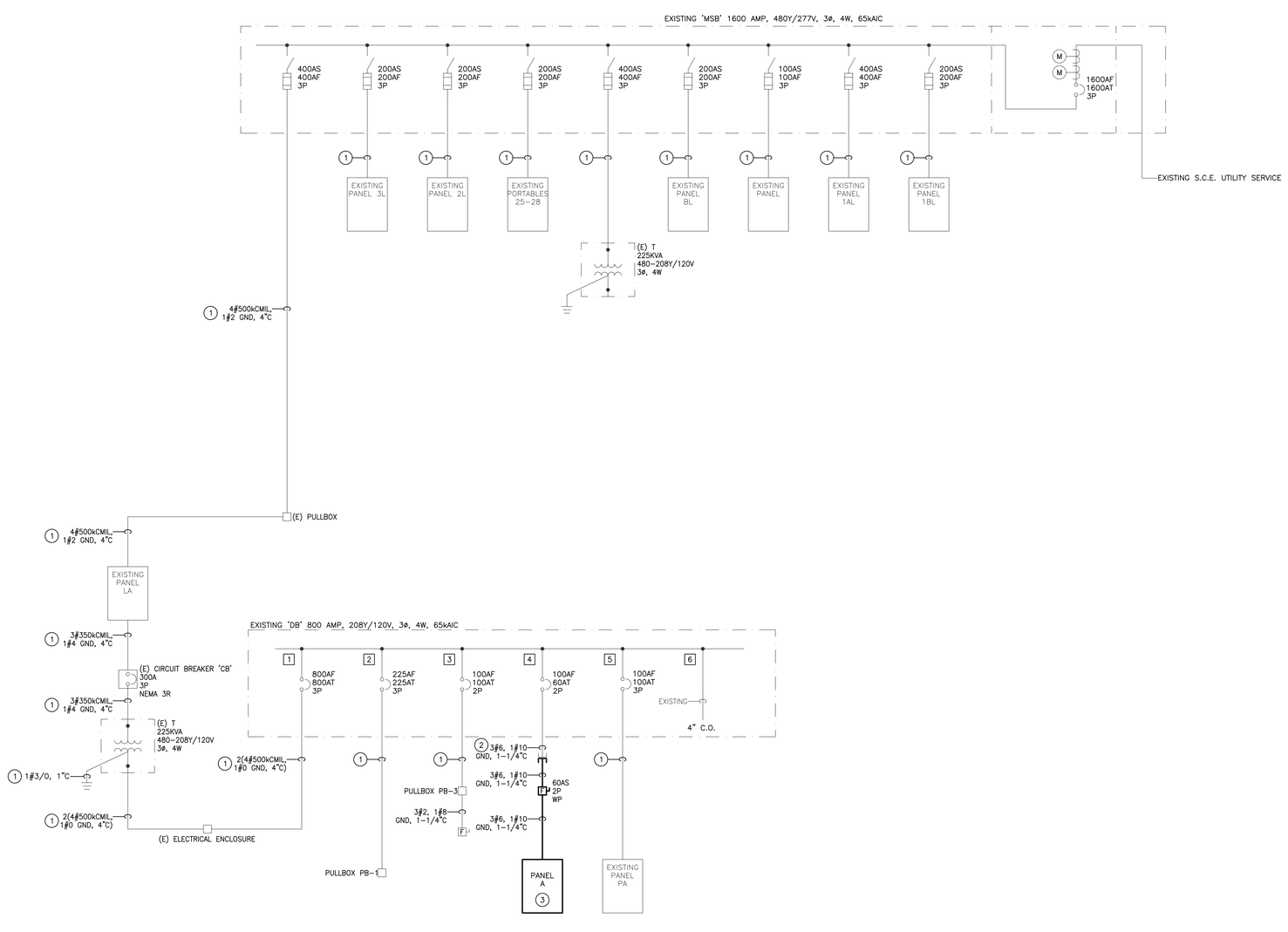
LOAD SUMMARY

EXISTING SWITCHBOARD 'MSB'

EXISTING LOAD		
MAXIMUM 12 MONTHS DEMAND AT 125%		
292.00 kVA AT 125%	=	365.00 kVA
NEW LOAD		
PANEL 'A'	=	1.89 kVA
TOTAL LOAD		366.89 kVA
366.89 kVA AT 480Y/277V, 3PHASE, 4WIRE		441.30 AMPS

KEY NOTES

1. EXISTING CONDUCTORS AND CONDUIT TO REMAIN.
2. PROVIDE NEW CONDUCTORS WITHIN EXISTING UNDERGROUND CONDUIT.
3. NEW PANELBOARD INSTALLED WITHIN NEW RESTROOM BUILDING. PANELBOARD PROVIDED BY MODULAR RESTROOM MANUFACTURER. VERIFY FINAL REQUIREMENTS WITH MODULAR RESTROOM MANUFACTURER DRAWINGS PRIOR TO INSTALLATION.



SINGLE LINE DIAGRAM AND LOAD SUMMARY

1 NTS

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C-35200
REN. 09/30/25
STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER
RICHARD A. DIPIETRO
No. E18809
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

KEYNOTES

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KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
SINGLE LINE DIAGRAM AND LOAD SUMMARY

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DATE: **2025.09.18** | CLIENT PROJ NO:

SHEET:

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THE LINE BROWN ABOVE IS EXACTLY ONE INCH LONG IF THIS SHEET IS ORIGINAL MADE SIZE

NOT USED

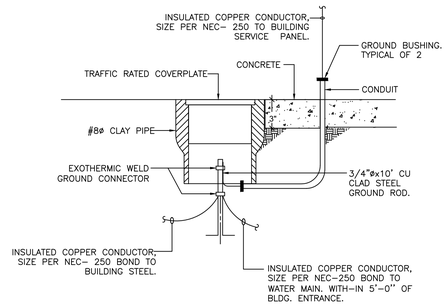
SCALE NONE | 7

NOT USED

SCALE NONE | 4

RELO GROUNDING DETAIL

SCALE NONE | 1



NOT USED

SCALE NONE | 8

NOT USED

SCALE NONE | 5

PULLBOX EXT. WALL PENETRATION

SCALE NONE | 2

NOT USED

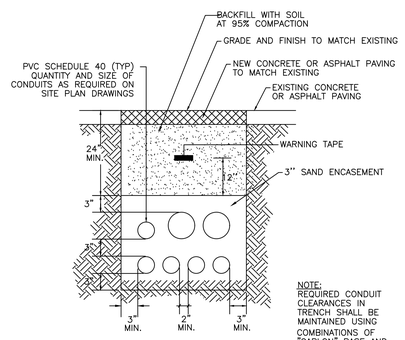
SCALE NONE | 9

NOT USED

SCALE NONE | 6

UNDERGROUND TRENCHING DETAIL

SCALE NONE | 3



NOTE: 1. CONTRACTOR SHALL MAINTAIN A 12" SEPARATION BETWEEN POWER AND SIGNAL CONDUITS.

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REGISTERED PROFESSIONAL ENGINEER EDWARD A. GRIFFIN No. E18805 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA

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KEYNOTES

NOTES

KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ELECTRICAL DETAILS

DSA Submittal 04-124823

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SHEET:

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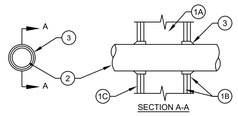
PLEASE RECYCLE

IF THIS LINE SHOWN ABOVE IS EXACTLY 1" LONG, THIS SHEET IS NOT FULL SIZE

THROUGH-PENETRATION FIRESTOP SYSTEMS (GYPSUM) WHERE APPLICABLE

SYSTEM NO. W-L-1001

F RATINGS – 1, 2, 3 AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS – 0, 1, 2, 3, AND 4 HR (SEE ITEM 3)
L RATING AT AMBIENT – LESS THAN 1 CFM/SQ. FT.
L RATING AT 400 F – LESS THAN CFM/SQ. FT.



SECTION A-A

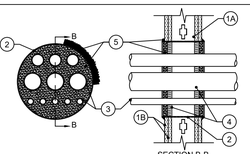
1. WALL ASSEMBLY– THE 1, 2, 3 OR 4 HR FIRE–RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   A. STUDS – WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX 2H FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOMINAL 2 BY 4 IN. LUMBER SPACED 16 IN. OC WITH NOM 2 BY 4 IN LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MINIMUM 3–5/8 IN. WIDE BY 1–3/8 IN DEEP CHANNELS SPACED MAX. 24 IN. OC.
   B. WALLBOARD, GYPSUM* – NOM 1/2 OR 5/8 IN. THICK, 4 FT. WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM. OF OPENING IS 13–1/2 IN.
2. PIPE OR CONDUIT – NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 6 IN. DIAMETER (OR SMALLER) STEEL CONDUIT, NOM 4 IN. DIAMETER (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR TYPE L (OR HEAVIER) COPPER TUBING OR NOM 1 IN. DIAM (OR SMALLER) FLEXIBLE STEEL CONDUIT. WHEN COPPER PIPES OR FLEXIBLE STEEL CONDUIT IS USED, MAX F RATING OF FIRESTOP SYSTEM (ITEM 3) IS 2 H. STEEL PIPES OR CONDUITS LARGER THAN NOM 4 IN. DIAM MAY ONLY BE USED IN WALLS CONSTRUCTED USING STEEL CHANNEL STUDS. A MAX OF ONE PIPE OR CONDUIT IS PERMITTED IN THE FIRESTOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF STUD CAVITY WIDTH AND TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.
3. FILL, VOID OR CAVITY MATERIAL* – CAULK – CAULK FILL MATERIAL TO COMPLETELY FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN 1/4 IN. DIAM BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM THE WALL. CAULK INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS SHOWN IN THE FOLLOWING TABLE. THE HOURLY T RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE TYPE OR SIZE OF PIPE OR CONDUIT AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS TABULATED BELOW: F MAX PIPE T

MAX PIPE OR CONDUIT DIA IN.	ANNULAR SPACE IN.	F RATING HR	T RATING HR
1	0 to 3/16	1 or 2	0+.1 or 2
1	1/4 to 1/2	3 or 4	3 or 4
4	0 to 1-1/2	1 or 2	0
6	1/4 to 1/2	3 or 4	0
12	3/16 to 3/8	1 or 2	0

+WHEN COPPER PIPE IS USED, T RATING IS 0 H.
3M COMPANY – CP 25WB+ CAULK OR FB–3000 WT SEALANT.
*BEARING THE UL CLASSIFICATION MARKING

SYSTEM NO. W-L-1016
(FORMERLY SYSTEM NO. 322)

F RATING–– 2 HR
T RATINGS––1, 1–1/2 AND 2 HR (SEE ITEM 3)
L RATING AT AMBIENT––2 CFM/sq ft
L RATING AT 400° F––LESS THAN 1 CFM/sq ft



SECTION B-B

1. WALL ASSEMBLY – THE FIRE–RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   A. STUDS – WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC WITH NOM 2 BY 4 IN. LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN 3–5/8 IN. WIDE BY 1–3/8 IN DEEP CHANNELS SPACED MAX 24 IN. OC.
   B. GYPSUM BOARD* – TWO LAYERS OF NOM 5/8 IN. THICK GYPSUM WALLBOARD AS SPECIFIED IN THE INDIVIDUAL WALL OR PARTITION DESIGN. MAX DIAM OF THROUGH OPENINGS CUT IN WALLBOARD LAYERS IS 12 IN. MAX DIMENSIONS FOR RECTANGULAR OPENING IS 12 IN. BY 9 IN.
   C. FASTENERS – WHEN WOOD STUD FRAMING IS EMPLOYED, GYPSUM WALLBOARD ATTACHED TO STUDS WITH CEMENT COATED NAILS AS SPECIFIED IN THE INDIVIDUAL U300–SERIES DESIGN. WHEN STEEL CHANNEL STUD FRAMING IS EMPLOYED, GYPSUM WALLBOARD ATTACHED TO STUDS WITH TYPE S SELF–DRILLING, SELF–TAPPING BUGLE–HEAD STEEL SCREWS AS SPECIFIED IN THE INDIVIDUAL U400–SERIES DESIGN.
2. STEEL SLEEVE – NOM. 20 GAUGE GALV SHEET STEEL FORMED INTO MAX 12 IN. DIAM OR MAX 12 IN. BY 9 IN. SLEEVE WITH NOM 2 IN. OVERLAP AT SEAM. LENGTH OF SLEEVE TO BE APPROX 1 IN. GREATER THAN OVERALL THICKNESS OF WALL ASSEMBLY, SUCH THAT, WHEN INSTALLED, THE ENDS OF THE SLEEVE WILL PROJECT APPROX 1/2 IN. BEYOND THE SURFACE OF THE WALL ON BOTH SIDES OF THE WALL ASSEMBLY. MAX DIAM OF CIRCULAR THROUGH OPENINGS IN GYPSUM WALLBOARD LAYERS ON EACH SIDE OF WALL ASSEMBLY TO BE 12 IN. MAX DIMENSIONS FOR RECTANGULAR OPENING IS 12 IN. BY 9 IN. SLEEVE INSTALLED BY COILING THE SHEET STEEL TO A DIAM SMALLER THAN THE THROUGH OPENING, INSERTING THE COIL THROUGH THE OPENINGS AND RELEASING THE COIL TO LET IT UNCOIL AGAINST THE CIRCULAR CUTOUTS IN THE GYPSUM WALLBOARD LAYERS.
3. STEEL PIPE OR CONDUIT – NOM 3 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, STEEL CONDUIT OR STEEL ELECTRICAL METALLIC TUBING. MULTIPLE PIPES AND/OR CONDUIT PERMITTED IN SLEEVED OPENING PROVIDED A MIN SEPARATION OF 1/4 IN. IS MAINTAINED BETWEEN PIPES OR CONDUITS. PIPES AND/OR CONDUITS TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE WALL ASSEMBLY. THE T RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE MAX DIAM OF THE PIPES OR CONDUITS, AS TABULATED BELOW:
4. PACKING MATERIAL – MIN 1 IN. THICKNESS OF RIGID GLASS FIBER INSULATION OR MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO STEEL SLEEVE ON BOTH SIDES OF WALL ASSEMBLY AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED MIN 5/8 IN. FROM SURFACE OF WALL ON BOTH SIDES OF WALL ASSEMBLY.
5. FILL,VOID OR CAVITY MATERIALS* – CAULK – APPLIED TO FILL THE STEEL SLEEVE TO A MIN DEPTH OF 1 IN. ON BOTH SIDES OF WALL ASSEMBLY. A NOM 1/4 IN. DIAM CONTINUOUS BEAD OF CAULK SHALL BE APPLIED AROUND THE CIRCUMFERENCE OF THE STEEL SLEEVE AT ITS EGRESS FROM THE GYPSUM WALLBOARD LAYERS ON BOTH SIDES OF THE WALL ASSEMBLY. 3M COMPANY – CP 25WB+ CAULK OR FB–3000 WT SEALANT.
   *BEARING THE UL CLASSIFICATION MARKING

MAX PIPE OR CONDUIT DIAM IN.	T RATING HR
3	1
1	1-1/2
3/4	2

PARTIAL LIST OF APPLICABLE CODES

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2021 INTERNATIONAL BUILDING CODE, VOL. 1 & 2)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2020 NATIONAL ELECTRICAL CODE)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2021 IAPMO UNIFORM MECHANICAL CODE)
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2021 IAPMO UNIFORM PLUMBING CODE)
- 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
- 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2021 INTERNATIONAL FIRE CODE)
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2021 INTERNATIONAL EXISTING BUILDING CODE)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGreen), PART 11, TITLE 24 CCR
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, CCR
- TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS
- 2022 ASME A17.1/CSA B44–13 SAFETY CODE FOR ELEVATORS AND ESCALATORS

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 72	NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED)	2022 EDITION
UL 464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2023 EDITION
UL 521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	2024 EDITION
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2024 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.
SEE CALIFORNIA BUILDING CODE, CHAPTER 35, FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

FIRE ALARM GENERAL NOTES

1. THE FIRE ALARM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE.
2. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION (FIRE MARSHAL). THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEST EQUIPMENT (e.g. DIGITAL AMMETER, DECIBEL METER) AND VERIFY THAT THE GROUND FAULT DETECTION FOR THE FIRE ALARM SYSTEM IS OPERATIONAL DURING TESTING AND REMAINS SO ONCE THE SYSTEM IS APPROVED. UPON APPROVAL OF THE FIRE ALARM SYSTEM, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE SET OF OPERATING INSTRUCTIONS FOR THE SYSTEM.
3. A MINIMUM OF 48 HOURS NOTICE SHALL BE REQUIRED PRIOR TO ANY INSPECTION AND/OR TEST.
4. AN APPROVED, STAMPED SET OF THE FIRE ALARM PLANS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION. ANY DEVIATIONS FROM THE APPROVED PLANS, INCLUDING SUBSTITUTION OF DEVICES, SHALL BE APPROVED BY THE FIRE MARSHAL.
5. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE INSPECTOR OF RECORD.
6. ALL DEVICES OF THE FIRE ALARM SYSTEM SHALL BE APPROVED AND LISTED BY THE CALIFORNIA STATE FIRE MARSHAL.
7. A "RECORD OF COMPLETION" SHALL BE PREPARED BY THE INSTALLER AND GIVEN TO THE FIRE MARSHAL UPON COMPLETION OF THE INSTALLATION.
8. ALL TERMINAL CABINETS AND JUNCTION BOXES SHALL BE CLEARLY MARKED THAT THE ENCLOSURE IS PART OF THE FIRE ALARM SYSTEM.
9. THE CONTRACTOR SHALL LOCATE ALL SMOKE DETECTION DEVICES A MINIMUM OF 36" FROM ANY MECHANICAL REGISTERS.
10. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE. WIRE LENGTHS USED TO CALCULATE VOLTAGE DROPS REPRESENT ESTIMATES BASED ON MEASUREMENTS OF SCALED FLOOR PLAN DRAWINGS. CONTRACTOR TO ROUTE CONDUIT AS FIELD CONDITIONS REQUIRE. CONTRACTOR TO INSTALL ALL DEVICES ACCORDING TO MANUFACTURERS INSTRUCTIONS AND IN COMPLIANCE WITH ALL APPLICABLE CODES.

GENERAL NOTES

1. APPLICABLE STANDARD 2022 NFPA 72
2. INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
3. UPON COMPLETION OF THE SYSTEM A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
4. A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
5. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.
6. DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND / OR TESTING.
7. ALL PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7, UL OR OTHER LAB TESTING CRITERIA APPROVED TYPE OF MATERIALS SHALL BE IDENTIFIED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.
8. WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR ENTIRE LENS MOUNTED AT 80"MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THAN 6"TO A HORIZONTAL STRUCTURE.
9. AUDIBLE DEVICES TO BE AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 DBA ABOVE THE MAXIMUM SOUND LEVEL FOR A DURATION OF AT LEAST 60 SECOND, WHICHEVER IS GREATER PR CBC 907.5.2.1.1. MAXIMUM SOUND LEVEL NOT TO EXCEED 110 DBA AT MINIMUM HEARING DISTANCE PER 907.5.2.1.2.
10. AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
11. THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
12. VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA. VISUAL DEVICES WITHIN 55'FROM EACH OTHER SHALL BE SYNCHRONIZED.
13. UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTINGS AND WIRE TO BE APPROVAL FOR WET LOCATIONS.
14. ALL FIRE ALARM WIRING SHALL BE FLP OR FPLP (FIRE POWER LIMITED OR FIRE POSER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THHN OR THWN.
15. PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTION DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. THERE MUST BE AT LEAST 6"OF LEAD WIRE FROM THE BOX TO THE DEVICE. ALL BOXES TO BE SIZED PER CEC.
16. SMOKE DETECTORS SHALL NOT BE CLOSER THAN 1'FROM FIRE SPRINKLERS OR 3'FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
17. ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN NEAT AND PROTECTED MANOR AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
18. FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICES SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS
19. A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON"POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.
20. THE INSTALLING CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION PER NFPA 72, FIGURE 7.8.2(a) THROUGH FIGURE 7.8.2(f).
21. CONTROL PANELS, REMOTE ANNUNCIATOR SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48"
22. THE INSTALL CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 907.6.6.
23. SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
24. OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.

CONDUIT LEGEND

————	CONDUIT CONCEALED IN WALL OR CEILING SPACE, UNLESS OTHERWISE NOTED
– – – – –	CONDUIT CONCEALED UNDER FLOOR OF SLAB OR UNDERGROUND, UNLESS OTHERWISE NOTED

WIRE LEGEND

A – (1) 1 PAIR 14 AWG TWISTED SHIELDED 1 RED / 1 BLK – SIGNAL LINE CIRCUIT (SLC)
B – (2) #12 AWG SOLID THHN/THWN–2 1 BLUE / 1 WHITE – NOTIFICATION (NAC)

FIRE ALARM DEVICE LEGEND

SYMBOL	DESCRIPTION	MOUNTING/BACKBOX/RING	QUANTITY
FACP	FIRE ALARM/VOICE CONTROL PANEL MANUFACTURER: NOTIFIER MODEL: NFS2–3030 CSFM #: 7165–0028:0224	EXISTING A#: 4–112150	–
SD	ADDRESSABLE SMOKE DETECTOR MANUFACTURER: NOTIFIER MODEL: FSP–951/ B501(BASE) CSFM # (BASE): 7300–0028:0173 CSFM # (SMOKE): 7272–0028: 0503	4 SQUARE DEEP BOX WITH 3–0 RING MOUNT 3" AWAY FROM ANY AIR MOVEMENT SYSTEMS	4
HD	RATE OF RISE HEAT DETECTOR MANUFACTURER: NOTIFIER MODEL: FST–851 / B501 (BASE) CSFM # (BASE): 7300–0028:0173 CSFM # (HEAT): 7270–0028: 0196	4 SQUARE DEEP BOX WITH 3–0 RING	5
WP H	HORN/STROBE WALL MOUNTED, WEATHER RESISTANT MANUFACTURER: SYSTEM SENSOR MODEL: P2RKA CSFM #: 7125–1653: 0188	4 SQUARE DEEP BOX WITH EXTENSION TAP SPEAKER AT 2 WATT U.O.N.	15cd: 0 30cd: 0 75cd: 0 95cd: 1
	STROBE WALL MOUNTED MANUFACTURER: WHEELOCK MODEL: ELSTR CSFM #: 7135–0785: 0504	FLUSH MOUNT: 4 SQUARE DEEP BOX WITH EXTENSION	4
J	JUNCTION BOX	1.3"H X 2.5"W X .5"D	1
F	HORN WALL MOUNTED, WEATHER RESISTANT MANUFACTURER: WHEELOCK MODEL: AH–24WP–R CSFM #: 7125–0785: 0131	EXISTING A#: 4–112150	–
X	EXISTING DEVICE TO REMAIN		
XR	EXISTING DEVICE TO BE REMOVED AND REPLACED		
S	15cd – REPRESENTS CANDELA INTENSITY SX – REPRESENTS NAC CIRCUIT NUMBER		
SD	L1 – REPRESENTS SLC NUMBER		

EXISTING FIRE ALARM SEQUENCE OF OPERATIONS MATRIX

SYSTEM OUTPUTS: SOUND ALARM INDOOR/OUTSIDE BUILDING; ACTIVATE RELAY FOR MONITORING; ANNUNCIATE AT PANEL AND ANNUNCIATOR; SOUND PIEZO BUZZER; REPORT TO MONITORING STATION; INITIATE SHUTDOWN OF HVAC UNITS

SYSTEM INPUTS

		A	B	C	D	E	F	
1	MANUAL PULL STATION	●	●	●	*	●	●	1
2	AREA SMOKE/HEAT DETECTOR	●	●	●	*	●	●	2
3	AC POWER FAILURE		●	●	●	●		3
	* = ON WIRING FAULT	A	B	C	D	E	F	

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REGISTERED PROFESSIONAL ENGINEER · JOHN A. CRAWFORD · No. E18809 Exp. 8/31/27 · ELECTRICAL · STATE OF CALIFORNIA

KEYNOTES

NOTES

KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
FIRE ALARM LEGEND AND GENERAL NOTES

DSA Submittal 04-124823

DATE: 2025.09.12 CLIENT PROJ NO:

SHEET:

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BATTERY CAPACITY CALCULATION SHEET
NOTIFICATION APPLIANCE CIRCUIT POWER SUPPLY

JOB: E HALE CURRAN RESTROOM RELO — EXISTING APPL. #4-112150
DATE: 8/1/2025

FATC-5 REMOTE EXTENDER PANEL

QTY	MODEL #	DESCRIPTION	STANDBY UNIT CURRENT (AMPS)	STANDBY TOTAL CURRENT (AMPS)	ALARM UNIT CURRENT (AMPS)	ALARM TOTAL CURRENT (AMPS)
1	HPF24S6	EXISTING EXTENDER PANEL	0.0020	0.002	0.002	0.002
1		EXISTING DUAL SYNC MODULE	0.0350	0.035	0.035	0.035
5		EXISTING EXTERIOR HORN	0.0000	0.000	0.05	0.250
10		EXISTING 95cd HORN STROBE (CEILING)	0.0000	0.000	0.176	1.760
2		EXISTING 15cd STROBE ONLY (CEILING)	0.0000	0.000	0.061	0.122
2		EXISTING 30cd STROBE ONLY (CEILING)	0.0000	0.000	0.085	0.170
2		NEW EXTERIOR 95cd HORN STROBE (WALL)	0.0000	0.000	0.194	0.388
4		NEW 15cd STROBE ONLY (WALL)	0.0000	0.000	0.017	0.068
		TOTAL		0.037		2.795

BATTERY CALCULATIONS
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ASSUMPTIONS:

A) REQ'D BATTERY BACKUP - STANDBY	24	HRS
B) REQ'D BATTERY BACKUP - ALARM	5 MIN (	0.08 HOURS)
C) ALLOWABLE ERROR	25%	
D) TOTAL STANDBY BACKUP (AMP/HOURS)	0.89	
E) TOTAL ALARM BACKUP	0.23	
F) ALLOWABLE ERROR (C X (D+E))	0.28	
TOTAL AMP/HR REQ'D (D+E+F)	1.40	AMP/HRS

BATTERY AMP HOUR RATING: 7 AMP/HOUR (EXISTING)
QUANTITY OF BATTERIES: 2 (EXISTING)
VOLTAGE: 12 VOLTS
BATTERY CHARGER COMPACITY: 18AH
BATTERY TYPE: SEALED LEAD - ACID
WIRING CONFIGURATION FOR BATTERY: SERIES

VOLTAGE LINE LOSS CALCULATIONS

JOB: E HALE CURRAN RESTROOM RELO
DATE: 8/1/2025

VOLTAGE LINE LOSS FORMULA:
(A) X (F) X (C) / (D)/ (E) = % LINE LOSS

(A)AMPS	
15cd HORN/STROBE	0.069
30cd HORN/STROBE	0.099
75cd HORN/STROBE	0.157
15cd STROBE	0.017
EXTERIOR HORN STROBE	0.194

OTHER DATA

(B) WIRE GAUGE	12
(C) WIRE RESISTANCE	21.6
(D) CIRCULAR MILLS	6530.000
(E) VOLTS (DC)	24.000
(F) LINE WIRE FOOTAGE	(PER CIRCUIT)

NAC POWER SUPPLY - BLDG. 4	15cd HORN STROBE	30cd HORN STROBE	75cd HORN STROBE	15cd STROBE	EXTERIOR 95cd HORN STROBE	TOTAL AMPS	LINE WIRE FOOTAGE	VOLTAGE LOSS	% LINE LOSS
NAC CKT #5	0	0	0	4	2	0.46	350	0.53	2.20%

BATTERY CALCULATION
EXISTING MAIN MNS FIRE ALARM CONTROL PANEL NFS2-3030

EQUIPMENT	QUANTITY	SUPERVISORY CURRENT (IN AMPS) UNIT	SUPERVISORY CURRENT (IN AMPS) TOTAL	ALARM CURRENT (IN AMPS) UNIT	ALARM CURRENT (IN AMPS) TOTAL
EXISTING NFS2-3030 (CPU-3030)	1	0.1200	0.1200	0.1200	0.1200
EXISTING LCM-320 LOOP CARD	3	0.1300	0.3900	0.1300	0.3900
EXISTING LCD-80 LCD ANNUNCIATOR	1	0.0120	0.0120	0.0120	0.0120
EXISTING FMM-1 MONITOR MODULE	1	0.0004	0.0004	0.0050	0.0050
EXISTING NBG-12LX PULL STATION	6	0.0004	0.0021	0.0004	0.0024
EXISTING FSP-851 SMOKE DETECTOR	197	0.0003	0.0591	0.0065	1.2805
NEW FSP-951 SMOKE DETECTOR	4	0.0002	0.0008	0.0002	0.0008
EXISTING FSP-851(R) HEAT DETECTOR	107	0.0003	0.0321	0.0003	0.0321
NEW FSP-851 HEAT DETECTOR	5	0.0003	0.0015	0.0003	0.0015
EXISTING FRM-1 RELAY MODULE	5	0.0003	0.0013	0.0065	0.0325
EXISTING EXTERIOR HORN	6			0.0500	0.3000
EXISTING 75cd HORN/STROBE (CEILING)	14			0.1480	2.0720
EXISTING 15cd STROBE (CEILING)	12			0.0610	0.7320
EXISTING 75cd STROBE (CEILING)	2			0.1350	0.2700
SUB-TOTALS (IN AMPS)			0.6193		2.0568
TIME FACTOR: 24 HOUR STANDBY			X 24		
5 MINUTES IN ALARM					X 0.083
SUB-TOTALS (IN AMPHOURS):			14.8632		0.1707
STANDBY AMPHOURS	14.8632				
ALARM AMPHOURS +	0.1707				
SYSTEM AMPHOURS =	15.0339				
+25% DERATING +	3.7585				
TOTAL AMPHOURS REQUIRED =	18.7924				
TOTAL AMPHOURS PROVIDED	25.00				
LESS AMPHOURS REQUIRED -	18.7924				
AVAILABLE SPARE AMPHOUR CAPACITY =	6.21				

BATTERY CAPACITY CALCULATION SHEET
NOTIFICATION APPLIANCE CIRCUIT POWER SUPPLY

JOB: E HALE CURRAN RESTROOM RELO — EXISTING APPL. #4-112150
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1		EXISTING DUAL SYNC MODULE	0.0350	0.035	0.035	0.035
5		EXISTING EXTERIOR HORN	0.0000	0.000	0.05	0.250
9		EXISTING 95cd HORN STROBE (CEILING)	0.0000	0.000	0.176	1.584
2		EXISTING 30cd STROBE ONLY (CEILING)	0.0000	0.000	0.085	0.170
2		NEW EXTERIOR 95cd HORN STROBE (WALL)	0.0000	0.000	0.194	0.388
4		NEW 15cd STROBE ONLY (WALL)	0.0000	0.000	0.017	0.068
		TOTAL		0.037		2.497

BATTERY CALCULATIONS
==========
ASSUMPTIONS:

A) REQ'D BATTERY BACKUP - STANDBY	24	HRS
B) REQ'D BATTERY BACKUP - ALARM	5 MIN (	0.08 HOURS)
C) ALLOWABLE ERROR	25%	
D) TOTAL STANDBY BACKUP (AMP/HOURS)	0.89	
E) TOTAL ALARM BACKUP	0.21	
F) ALLOWABLE ERROR (C X (D+E))	0.27	
TOTAL AMP/HR REQ'D (D+E+F)	1.37	AMP/HRS

BATTERY AMP HOUR RATING: 7 AMP/HOUR (EXISTING)
QUANTITY OF BATTERIES: 2 (EXISTING)
VOLTAGE: 12 VOLTS
BATTERY CHARGER COMPACITY: 18AH
BATTERY TYPE: SEALED LEAD - ACID
WIRING CONFIGURATION FOR BATTERY: SERIES

VOLTAGE LINE LOSS CALCULATIONS

JOB: E HALE CURRAN RESTROOM RELO
DATE: 8/1/2025

VOLTAGE LINE LOSS FORMULA:
(A) X (F) X (C) / (D)/ (E) = % LINE LOSS

(A)AMPS	
15cd HORN/STROBE	0.069
30cd HORN/STROBE	0.099
75cd HORN/STROBE	0.157
15cd STROBE	0.017
EXTERIOR HORN STROBE	0.194

OTHER DATA

(B) WIRE GAUGE	12
(C) WIRE RESISTANCE	21.6
(D) CIRCULAR MILLS	6530.000
(E) VOLTS (DC)	24.000
(F) LINE WIRE FOOTAGE	(PER CIRCUIT)

NAC POWER SUPPLY - BLDG. 4	15cd HORN STROBE	30cd HORN STROBE	75cd HORN STROBE	15cd STROBE	EXTERIOR 95cd HORN STROBE	TOTAL AMPS	LINE WIRE FOOTAGE	VOLTAGE LOSS	% LINE LOSS
NAC CKT #5	0	0	0	4	2	0.46	350	0.53	2.20%

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REGISTERED PROFESSIONAL ENGINEER — EDWARD A. DIFRANCO — No. E18809 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

KEYNOTES

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KEY PLAN:

FACILITY:
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40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
FIRE ALARM CALCULATIONS

DSA Submittal 04-124823

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THE LINE WEIGHTS SHOWN ABOVE IS EXACT REGARDLESS OF ANY ENLARGEMENTS OR REDUCTIONS MADE BY ANY PRINTING PROCESS

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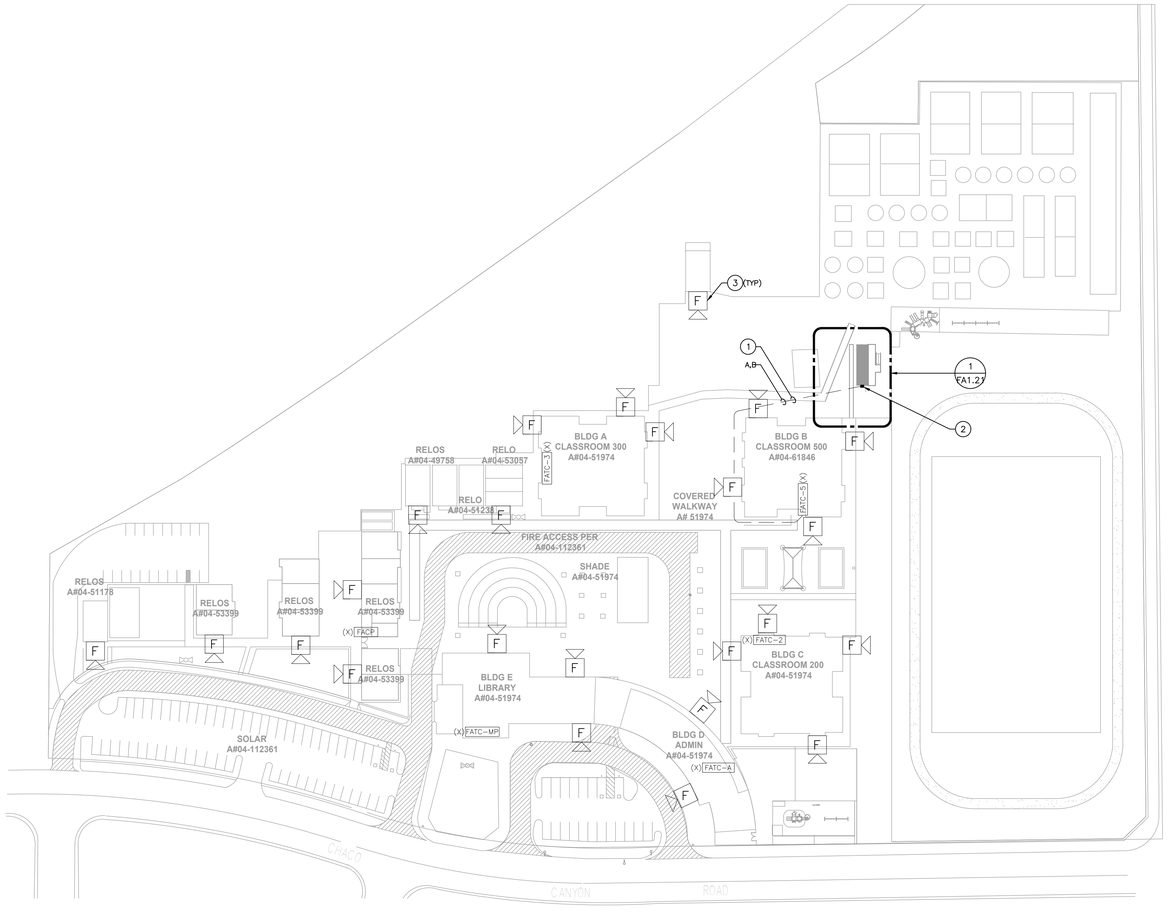
THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG ON ANSI BD (24"x36") ORIGINAL DRAWINGS

GENERAL NOTES

A. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

KEY NOTES

1. PROVIDE NEW CONDUCTORS WITHIN EXISTING 1" UNDERGROUND CONDUIT. EXTEND EXISTING CONDUIT AND NEW CONDUCTORS TO ATTIC SPACE IN NEW RESTROOM BUILDING. FIELD VERIFY LOCATION OF EXISTING CONDUIT.
2. EXTEND EXISTING UNDERGROUND CONDUIT TO NEW PULL BOX.
3. EXISTING HORNS TO REMAIN.



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FIRE ALARM SITE PLAN 1 — 1" = 50'-0"

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Δ	DESCRIPTION	DATE

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PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
FIRE ALARM SITE PLAN

DSA Submittal 04-124823

DATE: **2025.09.18** | CLIENT PROJ NO:

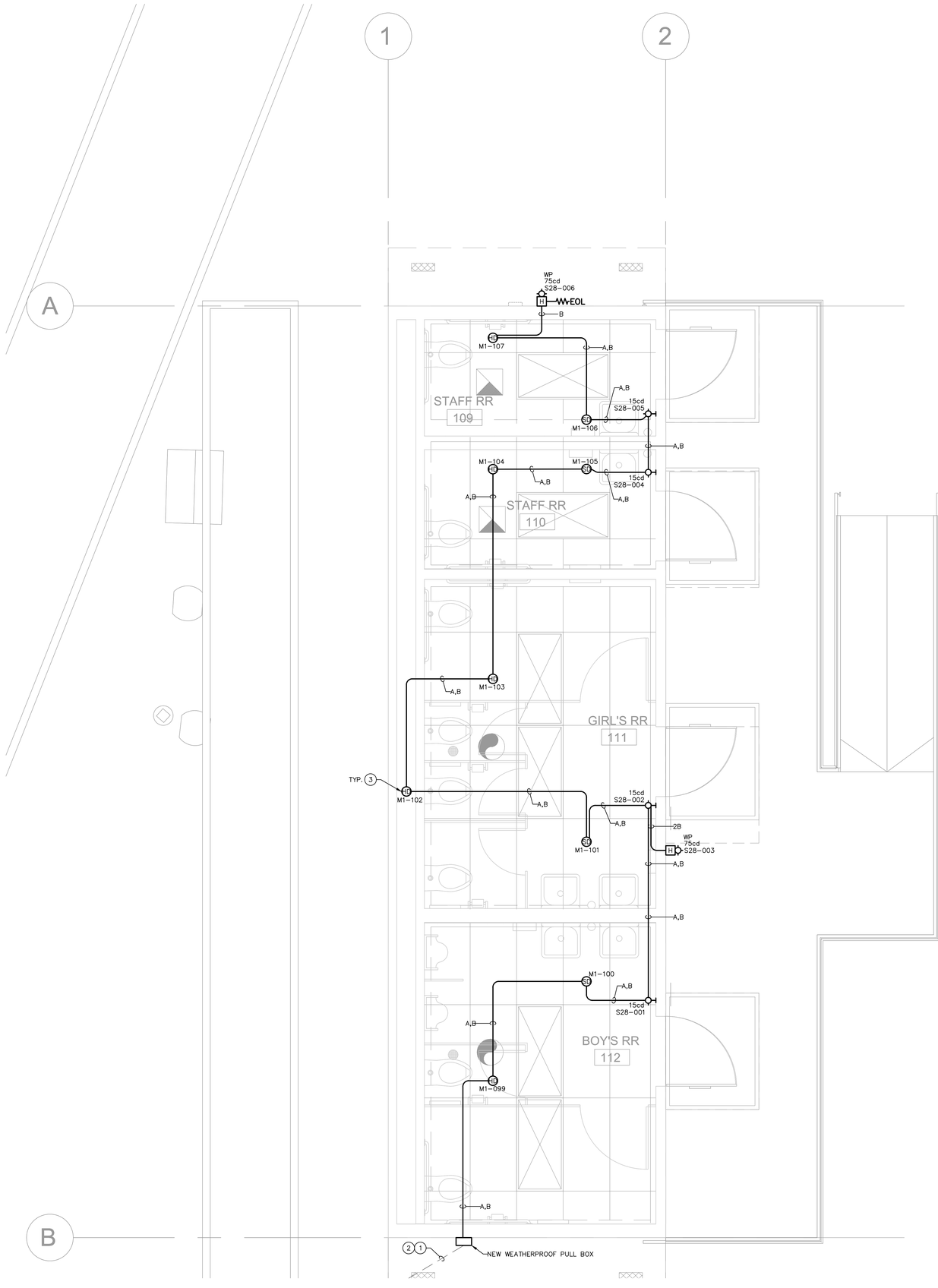
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FA1.11

Autodesk Docs://3219030000 MVUSD E HALE CURRAN ES RESTROOM RELO R22/3219030000-A-MVUSD-E HALE CURRAN ES.rvt
8/29/2025 5:24:03 PM

PLEASE RECYCLE

THE LINE SHOWN ABOVE IS EXACTLY 1" LONG ON ORIGINAL DRAWINGS WHEN PLOTTED AT FULL SCALE



GENERAL NOTES

A. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

KEY NOTES

1. PROVIDE NEW CONDUCTORS WITHIN EXISTING SPARE UNDERGROUND CONDUIT. EXTEND EXISTING CONDUIT AND NEW CONDUCTORS TO ATTIC SPACE IN NEW RESTROOM BUILDING. FIELD VERIFY LOCATION OF EXISTING CONDUIT.
2. REFER TO SINGLE LINE DIAGRAM ON SHEET FA4.1 FOR CONTINUATION OF FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM.
3. HEAT DETECTOR TO BE MOUNTED IN ATTIC. FIELD VERIFY FINAL LOCATION.

FIRE ALARM ENLARGED FLOOR PLAN 1 — 1" = 1/2'-0"

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025



41870 McALBY COURT
MURRIETA, CALIFORNIA 92562
PHONE: (951) 969-1600
WWW.MURRIETA.K12.CA.US

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201 LOMAS SANTA FE DR, STUDIO 200, SOLANA BEACH, CA 92075
619 744 4077 / www.hmcarchitects.com

LICENSED ARCHITECT
BRIDGET SHIRLEE TEEVIN
C-35200
REN. 09/30/25
STATE OF CALIFORNIA

Salas O'Brien
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09-10-25 #2590-00145
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E-Mail

REGISTERED PROFESSIONAL ENGINEER
DARREN A. GRAY
No. E18809
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

NOTES

KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
ELECTRICAL ENLARGED FLOOR PLAN

DSA Submittal 04-124823

DATE: 2025.09.18 | CLIENT PROJ NO:

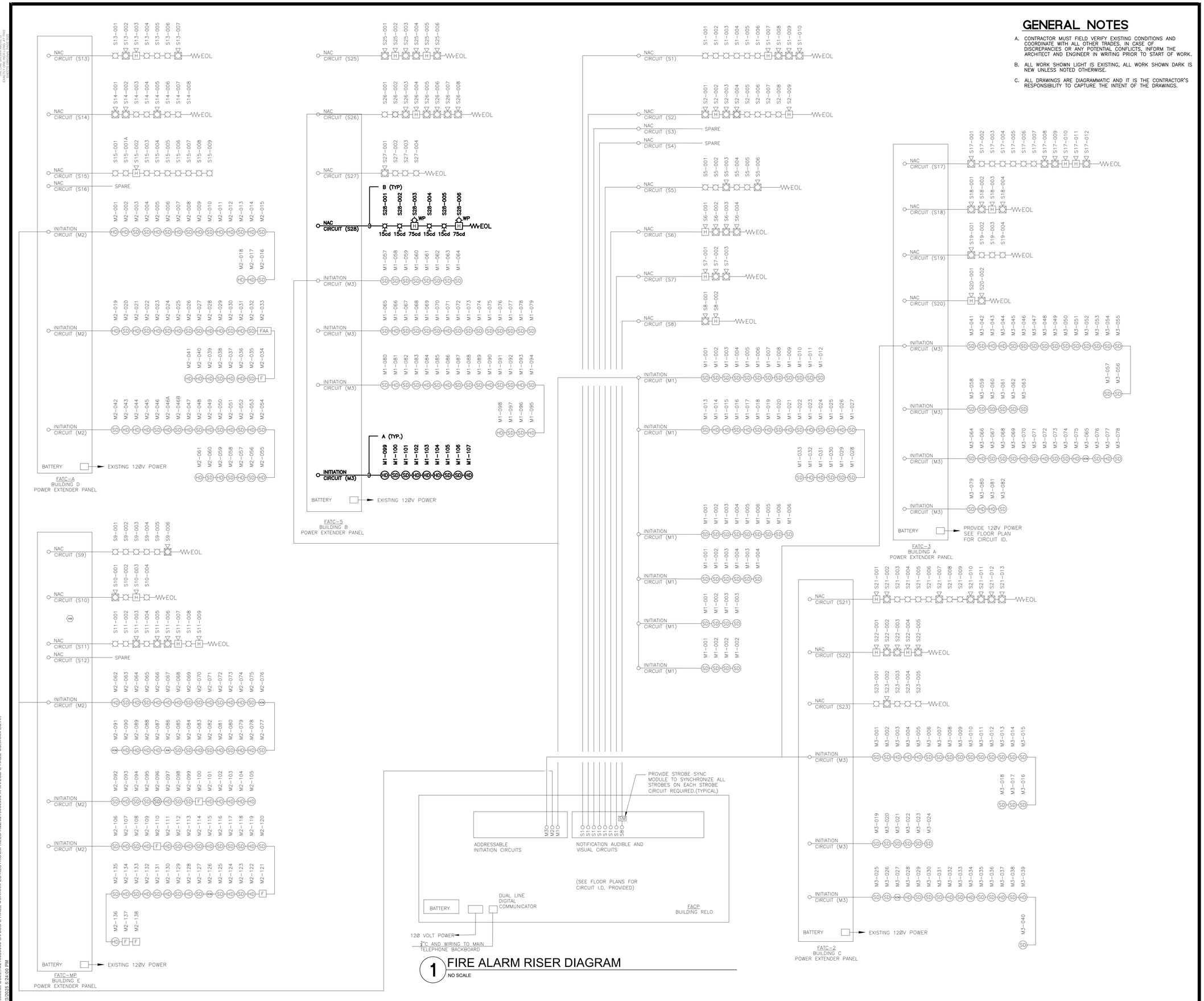
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FA1.21

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6/24/2025 6:24:09 PM

PLEASE RECYCLE

THE LINE BROKEN ABOVE IS EXACTLY 1" WHEN PLOTTED AT FULL SCALE
WHEN PLOTTED AT HALF SCALE



1 FIRE ALARM RISER DIAGRAM
NO SCALE

GENERAL NOTES

A. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

B. ALL WORK SHOWN LIGHT IS EXISTING, ALL WORK SHOWN DARK IS NEW UNLESS NOTED OTHERWISE.

C. ALL DRAWINGS ARE DIAGRAMMATIC AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CAPTURE THE INTENT OF THE DRAWINGS.

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CT - - CT

REGISTERED PROFESSIONAL ENGINEER
GEORGE A. GRIMES III
No. E18809
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

KEYNOTES

NOTES

KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD, MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
RISER DIAGRAM

DSA Submittal 04-124823

DATE: **2025.09.18**
CLIENT PROJ NO:
SHEET:

FA4.1

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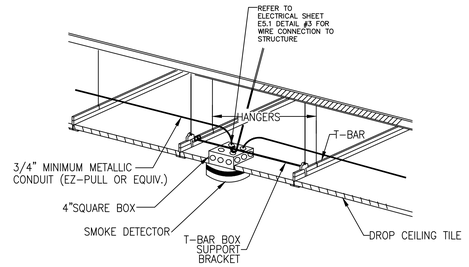
PLEASE RECYCLE

IF THIS LINE BROWN ABOVE IS NOT EXACTLY 1" LONG, DRAWINGS ARE NOT TO SCALE

NOT USED

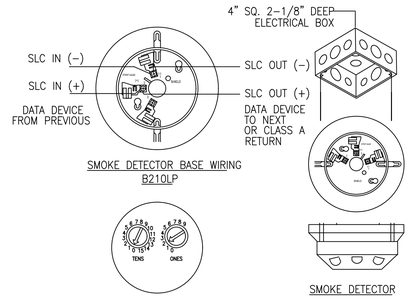
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CEILING MOUNT DETAIL



SCALE: NONE — 4

DETECTOR WITH MOUNTING BASE

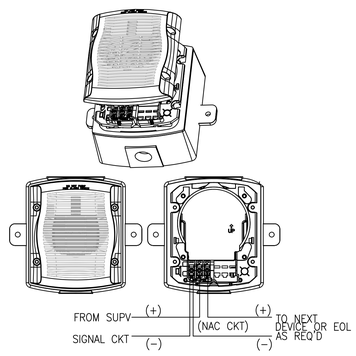


SCALE: NONE — 1

NOT USED

SCALE: NONE — 7

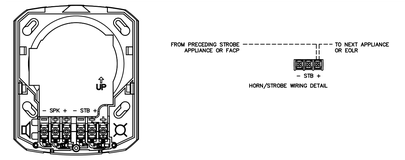
EXTERIOR WALL HORN STROBE



SCALE: NONE — 5

NOTIFICATION DEVICES

HORN/STROBE BASE DETAIL

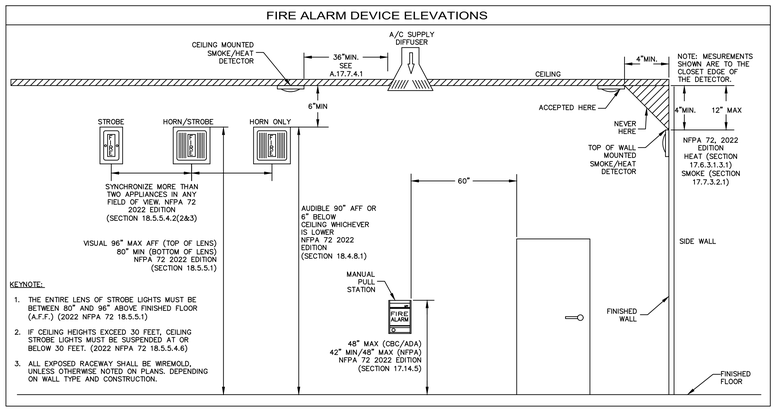


SCALE: NONE — 2

NOT USED

SCALE: NONE — 8

DEVICE MOUNTING HEIGHT REFERENCE (PER NFPA 72)



SCALE: NONE — 3

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LICENSED ARCHITECT — BRIDGET SHIRLEE TEICHY — C-35200 — REN. 09/30/25 — STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

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09-10-25 #2590-00145
www.salasobrien.com
E-Mail

REGISTERED PROFESSIONAL ENGINEER — RICHARD A. DEVARGAS — No. E18809 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

KEYNOTES

NOTES

KEY PLAN:

FACILITY:
E HALE CURRAN ELEMENTARY
40855 CHACO CANYON RD,
MURRIETA, CA 92562

PROJECT:
E HALE CURRAN ES RELOCATABLE RESTROOM

SHEET NAME:
FIRE ALARM DETAILS

DSA Submittal 04-124823

DATE: 2025.09.18 | CLIENT PROJ NO:

SHEET:

FA5.1

PLEASE RECYCLE

MODULAR TOILET BUILDING

12' X 40' MODEL 'C'

BASED ON PC 04-122000

BY SILVER CREEK MODULAR, LLC..

2830 BARRETT AVE, PERRIS, CALIFORNIA 92571

PHONE : (951) 943-5393 FAX : (951) 943-2211

MURRIETA USD
E HALE CURRAN ELEMENTARY SCHOOL

(1) 12' X 40' TOILET BUILDING

SCM PROJECT #11632

GENERAL NOTES

BUILDING DATA

REFERENCE
EQUIVALENT PC
SHEET A-0

APPLICABLE STANDARDS

REFERENCE
EQUIVALENT PC
SHEET A-0

APPLICABLE CODES

REFERENCE
EQUIVALENT PC
SHEET A-0

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A-1.03B-N	PROJECT SPECIFIC FLOOR/ELECTRICAL PLANS & REFLECTED CEILING PLAN
A-4.06N	PROJECT SPECIFIC EXTERIOR ELEVATIONS
A-5.51N	PROJECT SPECIFIC ARCHITECTURAL DETAILS

SHEET	PLUMBING
P-1.03E-N	PROJECT SPECIFIC PLUMBING & ISOMETRIC PLANS

SHEET	ARCHITECTURAL (PRE CHECKED (PC) SHEETS) (04-122000)
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A-0.2	SCHEDULES
A-0.6A	CERTIFICATE OF COMPLIANCE FORMS
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A-5.70	ARCHITECTURAL DETAILS - FLOOR
A-5.81	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
A-6.02	INTERIOR ELEVATIONS - FLOOR MOUNTED - ADULT
A-6.04	INTERIOR ELEVATIONS - FLOOR MOUNTED - 9-12

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SHEET	STRUCTURAL
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S-1.50	FLOOR FRAMING DETAILS - WOOD FLOOR
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S-5.10	WALL FRAMING DETAILS - WOOD STUDS
S-5.11	WALL FRAMING DETAILS - WOOD STUDS
S-5.11	WALL FRAMING DETAILS - WOOD STUDS

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P-1.03E	PLUMBING PLAN AND ISOMETRICS - MODEL C2 - 9-12
P-2.01	PLUMBING DETAILS AND SCHEDULE

SHEET	MECHANICAL
M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS

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E-1.03	ELECTRICAL PLAN AND SCHEDULE - MODEL C-2

SHEET	RAMP
R-1.03	RAMP LANDING
R-2.01	RAMP DETAILS

TOTAL SHEETS 44

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PROJECT NAME:

E HALE CURRAN E.S.
(1) 12' x 40'
RESTROOM BUILDINGS

SHEET TITLE:

COVER SHEET
12'x40'

REVISIONS

1
2
3
4
5

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

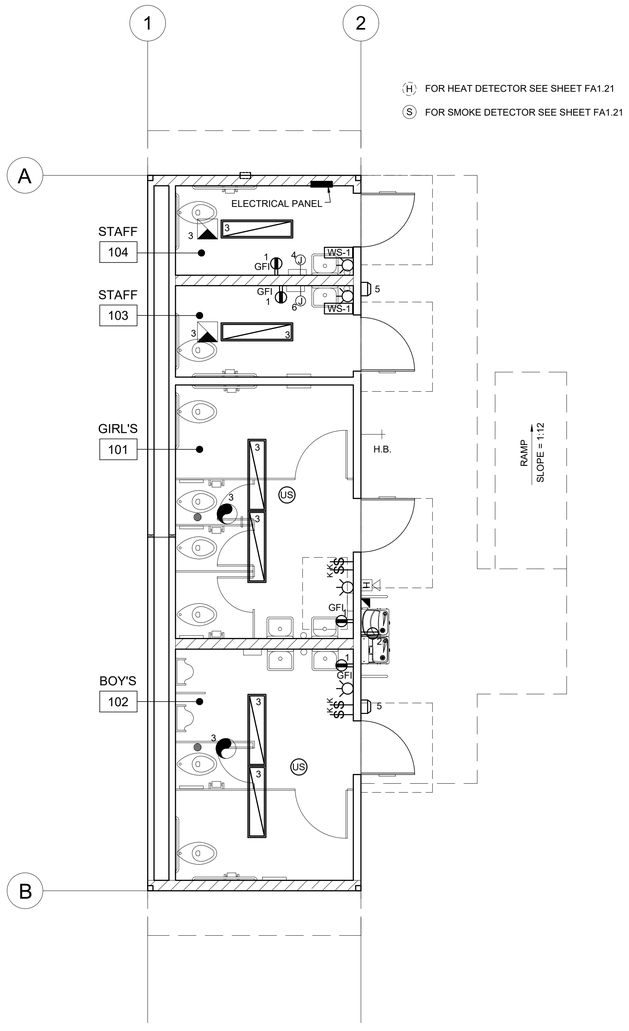
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES

PROJECT NO: 11632
DRAWN BY: MG
SCALE: AS NOTED
DATE: 8-1-2025

SHEET NUMBER

A-0N

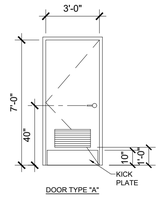


PANEL: A	PHASE:			VOLTS:		BUSS:		MAIN:				LOCATION:			FEED:				MOUNTING:
S/N:	SINGLE			120/240		100 AMP		100 AMP				INTERIOR			BOTTOM				RECESSED
OBJECT	WATT	NO.		WATTS				WIRE	CKT	LEG	CKT	WIRE			WATTS			WATT	OBJECT
DESCRIPTION	PER	OF	LCL	A	B	BRK	POLE	SIZE	NO	A/B	NO	SIZE	POLE	BRK	A	B	LCL	PER	DESCRIPTION
RECEPTACLES / GFI	180	5		900		20	1	#12	1	X	2	#12	1	20	650			650	DRINKING FOUNTAIN
INTERIOR LIGHTS/FAN	65	12	x		780	20	1	#12	3	X	4	#12	1	25		3000		3000	INSTA-HOT
EXTERIOR LIGHTING	45	4	x	180		20	1	#12	5	X	6	#12	1	25	3000			3000	INSTA-HOT
EMPTY					0		/	#6	7	X	8	#12	1	20		0			
DED - SOLAR READY				0		20	1	#12	9	X	10	#12	1	20	0				
DED - SOLAR READY					0	20	1	#12	11	X	12	#12	1	20		1			
	LEG TOTALS			1080	780										3650	3001	LEG TOTALS		
LCL=240+8511=8751																			
TOTAL WATTS=8751								LEG BALANCE = 11.2%										TOTAL AMPS: 36.46	

ELECTRICAL PLAN - AGE 9-12 SCALE: 1/4" = 1' - 0" 3

NOTE:
HM DOORS STEELCRAFT 'L'
SERIES 16 G HONEYCOMB CORE
OR 'S' GALV, CAPED ON TOP
WITH GALVANIZED 14 GA
FRAMES

SEE PC A-0.2 FOR DOOR NOTES

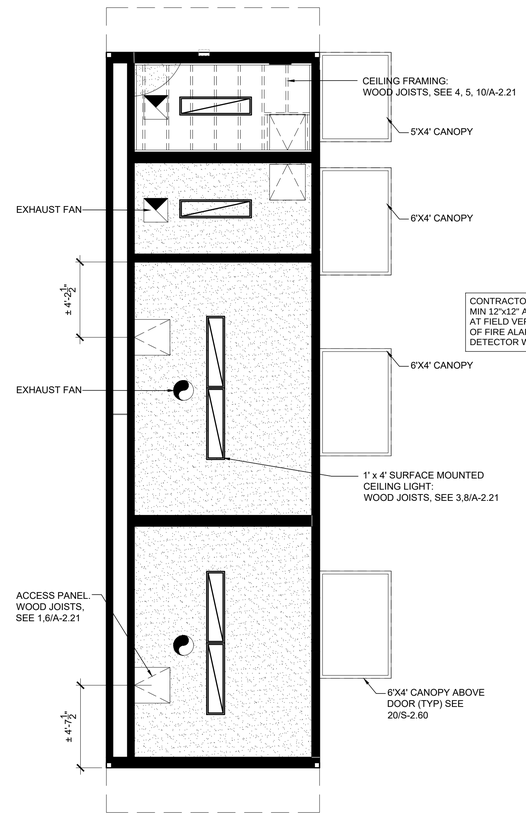


DOOR TYPES

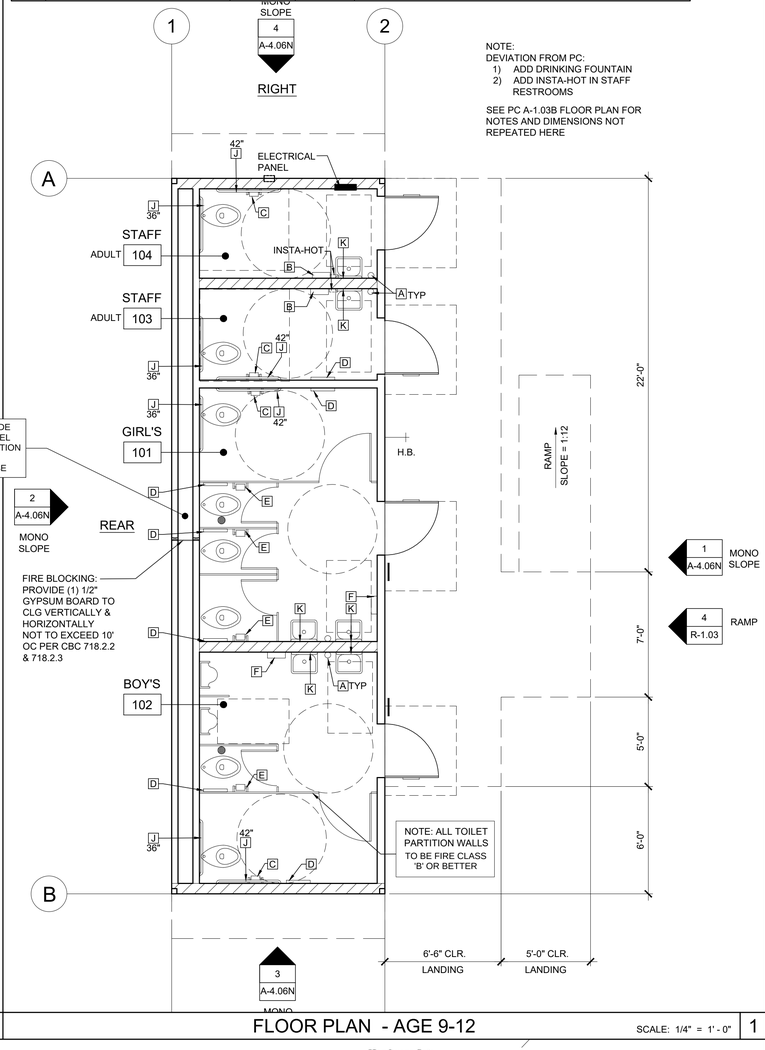
SCALE: 1/4" = 1' - 0" 4

RESTROOM ACCESSORIES

TAG	ACCESSORY	MAKE	MODEL #	DESCRIPTION
A	SOAP DISPENSER	GOJO	SKU-5271.06	LIQUID SOAP DISPENSER 4" MAX PROJECTION - OFCI
B	PAPER TOWEL DISPENSER	BOBRICK	B-262	SURFACE MOUNTED, 4" MAX PROJECTION, PROJECTION -CANNOT ENCROACH INTO 30"X48" CLEAR SPACE OF FIXTURE - OFCI
C	TOILET PAPER DISPENSER -	BOBRICK		SEMI-RECESSED TOILET PAPER DISPENSER, BY SCM
D	TOILET SEAT COVER DISPENSER	KLEENLINE	KLN-1S	SURFACE MOUNTED - OFCI
E	TOILET PAPER DISPENSER	BOBRICK	B-2890	SURFACE MOUNTED TOILET PAPER DISPENSER - OFCI
F	ELECTRIC HANDRYER	ASI	0185	STEEL COVER HAND DRYER. < 4" DEPTH - OFCI
G	SANITARY NAPKIN DISPOSAL	BOBRICK	B-254	SURFACE MOUNTED DISPOSAL - OFCI
H	SANITARY NAPKIN DISPENSER	BOBRICK	B-3706	RECESSED DISPENSER - BY OFCI
J	GRAB BAR	BOBRICK	B-6806	1-1/2 OC STAINLESS STEEL, SSATIN FINISH 36" LONG ON BACK AND 42" ON SIDE BY SCM
K	MIRROR	J SHEET METAL	530 SERIES	STAINLESS STEEL- 18GA 18"x24" - OR APPROVED EQUAL by SCM



REFLECTED CEILING PLAN SCALE: 1/4" = 1' - 0" 2



FLOOR PLAN - AGE 9-12 SCALE: 1/4" = 1' - 0" 1

Manufacturer's Abbreviations:

1. MK - McKinney
2. SA - SARGENT
3. RO - Rockwood
4. NO - Norton
5. PE - Pemko

Hardware Sets

Set: 2.0

Doors: 103 & 104

3	Hinge, Full Mortise	TA2314 NRP	US32D MK
1	Institutional Privacy Lock	V21 8257 LNL	US26D SA
1	Cam Action Surface Closer	2800ST	689 NO
1	Kick Plate	K1050 10" BEV CSK	US32D RO
1	Mop Plate	K1050 6" BEV CSK	US32D RO
1	Rain Guard	346C x Full Frame Width	Al PE
1	Gasketing	290AS	PE
1	Sweep	315CN	PE
1	Threshold	Per Detail	PE

Set: 1.0

Doors: 101, 102

3	Hinge, Full Mortise	TA2314 NRP	US32D MK
1	Classroom Deadlock	8203	US26D SA
1	Push Pull Set	110x73C/73CL	US32D RO
1	Cam Action Surface Closer	2800ST	689 NO
1	Kick Plate	K1050 10" BEV CSK	US32D RO
1	Mop Plate	K1050 6" BEV CSK	US32D RO
1	Rain Guard	346C x Full Frame Width	Al PE
1	Gasketing	290AS	PE
1	Sweep	315CN	PE
1	Threshold	Per Detail	PE

HARDWARE SETS 4

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PROJECT NAME:

E HALE CURRAN E.S.
(1) 12' x 40'
RESTROOM BUILDINGS

SHEET TITLE:

FLOOR/ELECTRICAL & REFLECTED CEILING PLANS
12' x 40' - MODEL C-2

REVISIONS

1
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3
4
5

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PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

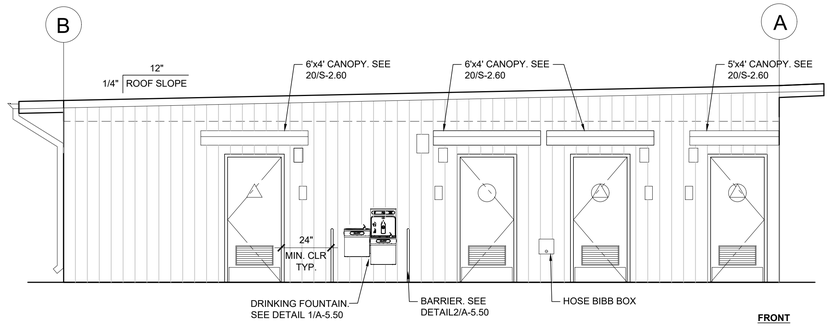
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SILVER CREEK INDUSTRIES

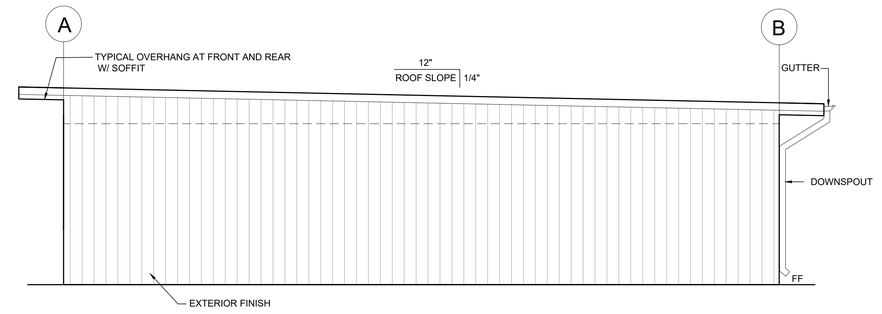
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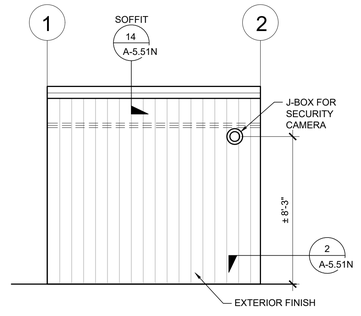
A-1.03B-N



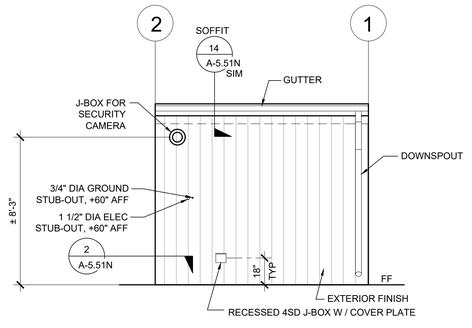
EXTERIOR ELEVATIONS - FRONT (MODEL C-2) - MONO SLOPE — SCALE: 1/4" = 1' - 0" — 1



EXTERIOR ELEVATIONS - REAR (MODEL C-2) - MONO SLOPE — SCALE: 1/4" = 1' - 0" — 2



EXTERIOR ELEVATIONS - LEFT (MODEL C-2) - MONO SLOPE — SCALE: 1/4" = 1' - 0" — 3



EXTERIOR ELEVATIONS - RIGHT (MODEL C-2) - MONO SLOPE — SCALE: 1/4" = 1' - 0" — 4

NOTE:
MINIMUM FOUNDATION HEIGHT TO BE 18" IF THE BUILDING CARRIES UNDER FLOOR PLUMBING (MANIFOLDS)

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APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

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PROJECT NAME:

E HALE CURRAN E.S.
(1) 12' x 40'
RESTROOM BUILDINGS

SHEET TITLE:

EXTERIOR ELEVATION
12' X 40' - MODEL C-2
MONO SLOPE

REVISIONS

1
2
3
4
5

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
24775
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES

PROJECT NO:	11632
DRAWN BY:	MG
SCALE:	AS NOTED
DATE:	8-1-2025

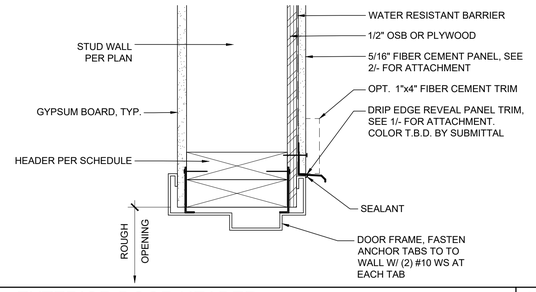
SHEET NUMBER

A-4.06N

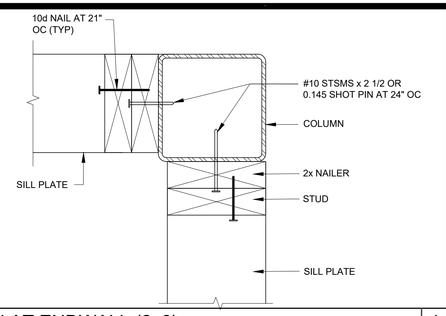
NOT USED 16

NOT USED 11

EXTERIOR DOOR HEADER 6



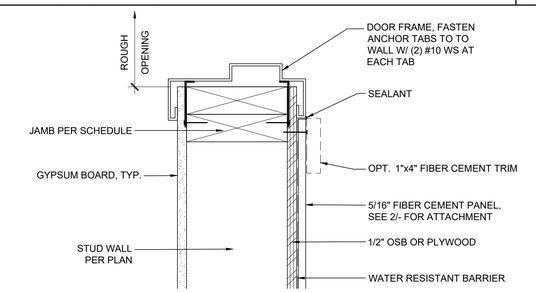
COLUMN AT ENDWALL (2x6) SCALE : 3"=1'-0" 1



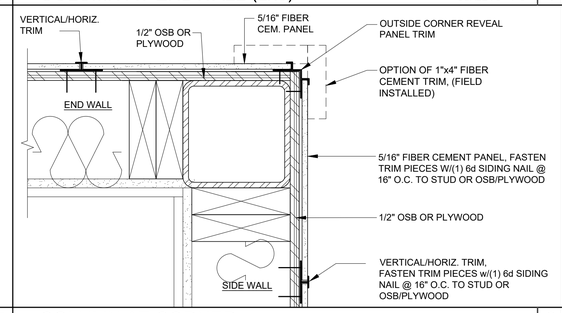
NOT USED 17

NOT USED 12

EXTERIOR DOOR JAMB 7

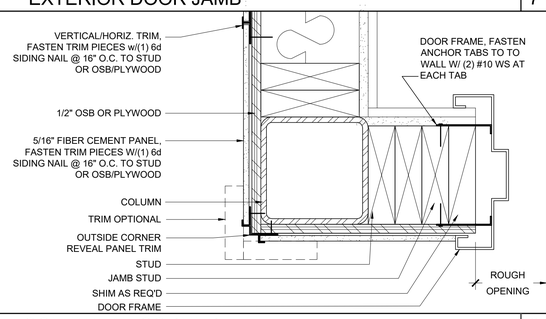


COLUMN AT CORNER SCALE : 3"=1'-0" 2



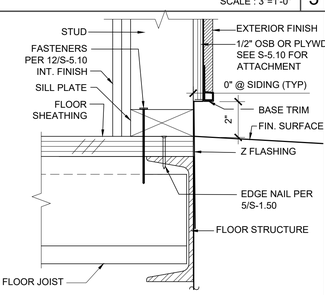
NOT USED 18

NOT USED 13

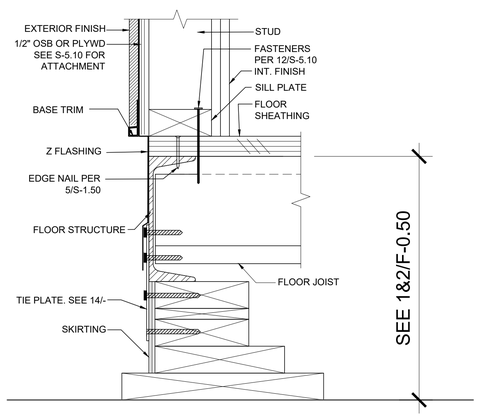


COLUMN AT CORNER SCALE : 3"=1'-0" 8

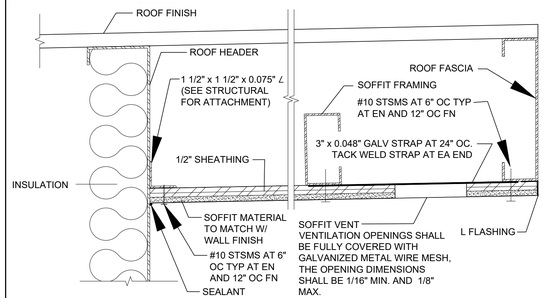
NOT USED SCALE : 3"=1'-0" 3



BOTTOM OF EXTERIOR WALL 20



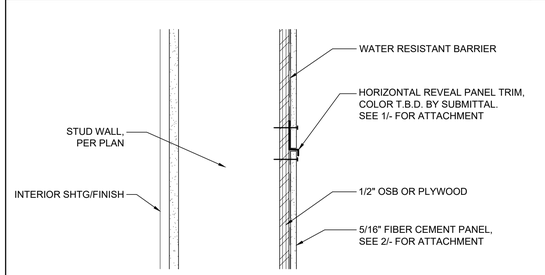
OPTION HORIZONTAL REVEAL SCALE : 3"=1'-0" 15



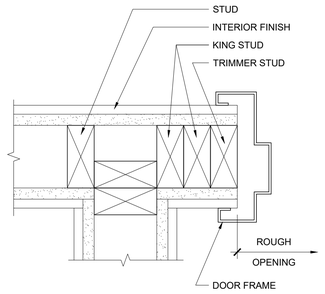
SOFFIT AT ROOF HEADER WITH VENT SCALE : 3" = 1'-0" 14

NOT USED 9

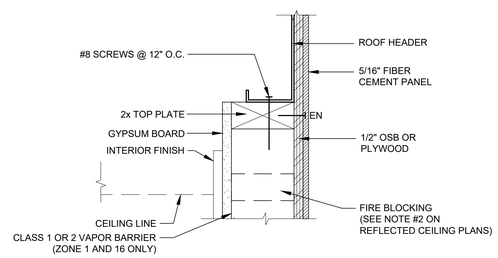
SILL AT FLOOR SCALE: 3" = 1' - 0" 4



INTERIOR DOOR JAMBS SCALE : 3"=1'-0" 10



TOP PLATE AT ROOF HEADER SCALE : 3" = 1'-0" 5



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PROJECT NAME:

E HALE CURRAN E.S.
(1) 12' x 40'
RESTROOM BUILDINGS

SHEET TITLE:

ARCHITECTURAL DETAILS
WOOD STUD - CEM. BD.

REVISIONS

1
2
3
4
5

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24175 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES

PROJECT NO: 11632
DRAWN BY: MG
SCALE: AS NOTED
DATE: 8-1-2025

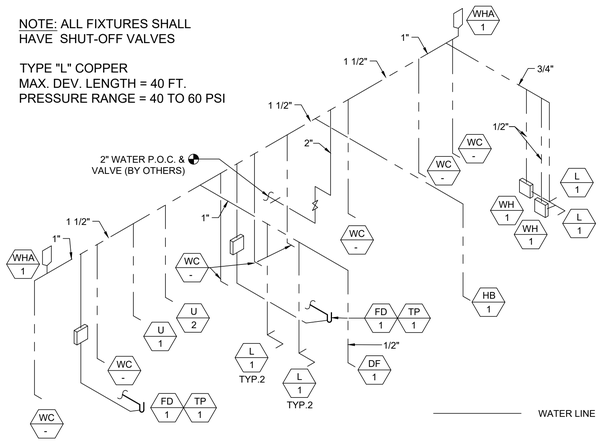
SHEET NUMBER

A-5.51N

SYMBOL	FIXTURE	COLD WATER	HOT WATER	WASTE	VENT	FIXTURE DESCRIPTION (AS CALLED OUT OR APPROVED EQUAL)
WC 1	[ADULT] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	AMERICAN STANDARD MADERA FLOWISE (1.6 GPF) 16 1/2" VITREOUS CHINA ELONGATED RIM, SIPHON JET; OLSONITE 10SSCTFR SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE
WC 2	[AGE 9-12] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	AMERICAN STANDARD MADERA YOUTH FLOWISE 14" (1.6 GPF) W/FLUSH VALVE, VITREOUS CHINA ELONGATED RIM, SIPHON JET; OLSONITE 126CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSH VALVE
WC 3	[AGE 5-ADULT] WATER CLOSET FLOOR MTD/FLUSH (NON-ACCESSIBLE)	1"	-	3"	2"	AMERICAN STANDARD MADERA 15" (1.6 GPF) W/FLUSH VALVE, VITREOUS CHINA ELONGATED RIM, SIPHON JET; OLSONITE 126CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSH VALVE
UR 1	URNIAL (ACCESSIBLE)	3/4"	-	2"	1 1/2"	AMERICAN STANDARD 6550.501 VITREOUS CHINA, WALL HUNG,SIPHON JET URINAL WITH INTEGRAL TRAP; SLOAN REGAL 186-0.125 LOW CONSUMPTION FLUSHOMETER VALVE
UR 2	URNIAL	3/4"	-	2"	1 1/2"	AMERICAN STANDARD 6550.501 VITREOUS CHINA, WALL HUNG,SIPHON JET URINAL WITH INTEGRAL TRAP; SLOAN REGAL 186-0.125 LOW CONSUMPTION FLUSHOMETER VALVE
LAV 1	LAVATORY (ACCESSIBLE)	1/2"	-	2"	1 1/2"	AMERICAN STANDARD 0356.041 LUCERNE 20"x18" VITREOUS CHINA; JAY R SMITH #722 CONCEALED HANGER; CHICAGO #333-665E39PSHABCP SINGLE HANDLE METERED FAUCET (0.5 GPM) @ STUDENT
LAV 2	WASH SINK (ACCESSIBLE)	1/2"	-	2"	1 1/2"	AMERICAN STANDARD 0356.041 LUCERNE 20"x18" VITREOUS CHINA; JAY R SMITH #722 CONCEALED HANGER; CHICAGO #410-E2805ABCP SINGLE HANDLE METERED FAUCET (0.5 GPM) @ STAFF
WH 1	INSTA-HOT	3/8"	3/8"	-	-	CHRONOMITE INSTA WATER HEATER SR-20L/208 HTR-I
DF 1	DRINKING FOUNTAIN	1/2"	-	2"	1 1/2"	MURDOCK BI LEVEL A1724OOS-UG-VR, MANUAL BOTTLE FILLER W/ SS BACK SPALSH PLATE, MODEL #BF11S
FD 1	FLOOR DRAIN	-	-	2"	1 1/2"	JAY R SMITH #2005YA-02-P050-NB. FLOOR DRAIN TAPPED FOR PRIMER. 5" NICKEL BRONZE STRAINER W/1/4" MAX GRATE OPENING
TP 1	TRAP PRIMER	1/2"	-	-	-	PR-500 W/8"x12" LOCKABLE BOX. 1/2" BALL SHUT OFF VALVE, AND PPP DU-U FRESH WATER DISTRIBUTION SYSTEM
WHA 1	WATER HAMMER ARRESTOR	1"	-	-	-	PPP SC-1000

NOTE: ALL FIXTURES SHALL HAVE SHUT-OFF VALVES

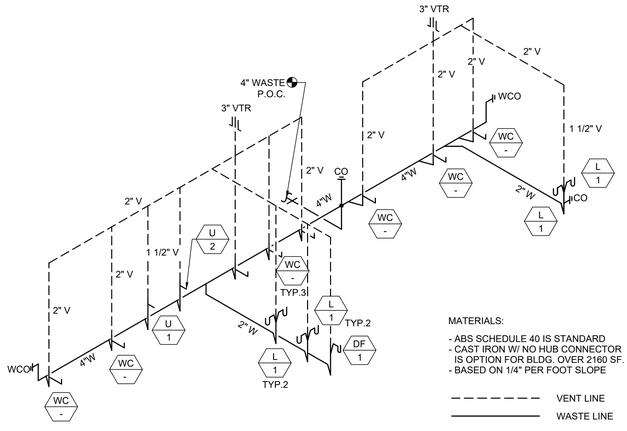
TYPE "L" COPPER
MAX. DEV. LENGTH = 40 FT.
PRESSURE RANGE = 40 TO 60 PSI



NOTE:
- HOT WATER LINE INSULATION TO BE INSTALLED AT FIRST 8' FROM THE WATER HEATER ON NON-RECIRCULATING SYSTEMS
- ALL HOT WATER LINES TO BE INSULATED WHEN RE-CIRCULATING SYSTEMS ARE USED. INSULATION FLAME SPREAD INDEX 0-25 & SMOKE DEVELOPMENT 0-450

MODEL C-2

SUPPLY ISOMETRIC - FLOOR AND WALL MOUNT SCALE: N.T.S. 8

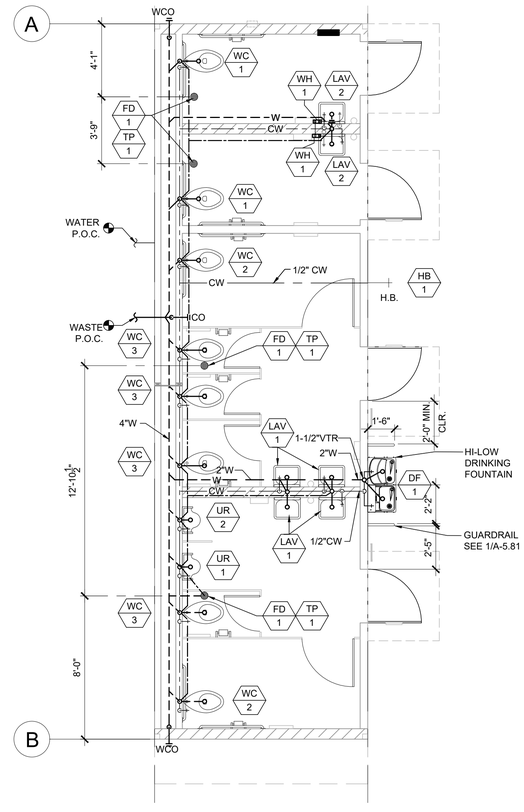


MODEL C-2

WASTE AND VENTING ISOMETRIC - FLOOR MOUNT SCALE: N.T.S. 10

1 2

ADDITION TO PC'S
1. (1) DRINKING FOUNTAIN
2. (2) INSTA-HOTS AT STAFF RESTROOMS
3. (1) HOSE BIBB



FLOOR MOUNT - MODEL C-2 (AGE 9-12)

PLUMBING PLAN SCALE: 1/4" = 1-0" 7

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PROJECT NAME:

E HALE CURRAN E.S.
(1) 12' x 40'
RESTROOM BUILDINGS

SHEET TITLE:

PLUMBING PLAN
AND ISOMETRICS
MODEL C-2
AGE (9-12)

REVISIONS

1
2
3
4
5

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24975 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES

PROJECT NO: 11632
DRAWN BY: MG
SCALE: AS NOTED
DATE: 8-1-2025

SHEET NUMBER

P-1.03E-N

MODULAR TOILET BUILDINGS - 12' X 40'
(MODELS ~~'A', 'B', 'C' AND 'D'~~)

PC 04-122000

BY

SILVER CREEK MODULAR, INC.
2830 BARRETT AVE, PERRIS, CALIFORNIA 92571
PHONE : (951) 943-5393 FAX : (951) 943-2211

MURRIETA UNIFIED SCHOOL DISTRICT
E HALE CURRAN ELEMENTARY SCHOOL
40855 CHACO CANYON ROAD, MURRIETA, CA 92562
(1) 12' x 40' RESTROOM BUILDING

PROJECT # 11632

GENERAL NOTES

1. FIRE ALARM IS NOT PART OF THIS APPROVAL.
2. ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2022 CBC 705.3.
3. THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
4. PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING.
5. FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS.
6. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
7. THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES.
8. EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2022 CBC. THE USE OF UNPROTECTED OPENINGS SHALL BE VERIFIED IN THE PROJECT SPECIFIC APPLICATIONS.
9. EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1405.
10. SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.
11. PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY AN "EQUAL".
12. BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC CHAPTER 7A.
13. WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4 FOR THE SITE SPECIFIC LOCATION.
14. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO THE SAME PC CLASSROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR-CEILING SHALL MEET THE MINIMUM REQUIREMENTS OF THE STC RATING OF 40 PER CALGREEN CODE, SECTION 5.507.4.3.
15. NOT USED
16. THE BUILDING PAD ELEVATION SHALL ABOVE THE DESIGN FLOOD ELEVATION.
17. WHEN THE SITE-SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A SEALED LETTER FROM A GEOTECHNICAL ENGINEER SHALL BE PROVIDED TO VALIDATE THE APPLICABILITY OF THE ALLOWABLE SOIL BEARING PRESSURES INDICATED ON THE PC DRAWINGS.
EXCEPTION: THIS LETTER IS NOT REQUIRED FOR PROJECTS LOCATED IN FLOOD ZONE D WHEN A GEOTECHNICAL REPORT IS AVAILABLE FOR IMPROVEMENTS ON THE SAME PROJECT SITE, AND IN ACCORDANCE WITH THE CURRENT CBC, WHICH CONFIRMS THAT THE SITE IS NOT IN A FLOOD HAZARD ZONE OR CONFIRMS THAT THE FLOOD HAZARD DOES NOT RESULT IN A REDUCTION OF SOIL CAPACITY VALUES.

APPLICABLE STANDARDS

NFPA 13	AUTOMATIC SPRINKLER SYSTEMS (CA. AMENDED)	2022 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")	2022 EDITION
ACI 318	BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE	2019 EDITION
ASME A17.1 (W/A17.1A CSA B44A-2019 ADDENDA)	SAFETY CODE FOR ELEVATORS & ESCALATORS.	2007 EDITION

APPLICABLE CODES

LIST OF 2022 CALIFORNIA CODE OF REGULATIONS

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

BUILDING DATA

NUMBER OF STORIES:	1 - STORY	
OCCUPANCY:	E or B	
TYPE OF CONSTRUCTION:	V-B	
FLOOR LIVE LOAD:	50 PSF	
ROOF LIVE LOAD:	20 PSF	
FLOOR DEAD LOAD:	☑ WOOD FLOOR - 11 PSF	☐ CONCRETE FLOOR - 35 PSF
ROOF DEAD LOAD:	18 PSF (INCLUDING SPRINKLER LOAD AND 0 PSF SOLAR LOAD)	
SOLAR ALLOWANCE:	0.6 PSF OVER ENTIRE ROOF AREA	
RAMP LIVE LOAD:	100 PSF	
BUILDING AREA:	480 SF (NO OVERHANG)	
ALLOWABLE AREA: 9,000 S.F. (ALL w/o OVERHANGS)	570 SF (WITH OVERHANG)	
FOUNDATION:	☑ WOOD	☐ CONCRETE
CEC CLIMATE ZONE:	1-16	

ALLOWABLE SOIL PRESSURE

WOOD FOOTING (DL & DL+LL & DL+LL+SEISMIC)	1,000 psf
CONCRETE FOOTING (DL & DL+LL & DL+LL+SEISMIC)	1,500 psf

ROOF SNOW LOAD

GROUND SNOW LOAD, P_g FROM COUNTY	0
ROOF SNOW LOAD: ☑ FLAT P_f OR ☐ LOW-SLOW, P_{fl} OR ☐ SLOPED, P_s	
SNOW EXPOSURE FACTOR C_s	-
SNOW IMPORTANCE FACTOR I_s	1.0
THERMAL FACTOR C_t	-

FLOOD DESIGN

FLOOD HAZARD AREA YES ☐ NO ☑	

WIND DESIGN (SEE GENERAL NOTE #15 + 16)

BASIC WIND SPEED (3 SECOND GUST) V_{ult}	105
RISK CATEGORY	II
WIND EXPOSURE CATEGORY	C
TOPOGRAPHIC FACTOR K_{zt}	1

SEISMIC DESIGN

LATERAL FORCE-RESISTING SYSTEM	OMF
ANALYSIS PROCEDURE	EQIV. LATERAL FORCE
SEISMIC DESIGN CATAGORY (SDC)	E
SEISMIC IMPORTANCE FACTOR I_e	1.0
SEISMIC RESPONSE COEFFICIENT C_s	0.525
RESPONSE MODIFICATION COEFFICIENT R	3.5
SITE CLASS	D ++
MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S_S	2.3
SHORT PERIOD SITE COEFFICIENT F_a	1.2
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S_{DS}	1.84
MAPPED SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S_1	1.064 ++
LONG PERIOD SITE COEFFICIENT, F_v	1.7
DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S_{D1}	1.2
HORIZONTAL OR VERTICAL IRREGULARITY TYPES	NONE
REDUNDANCY FACTOR Rho	1.3
FUNDAMENTAL PERIOD T	0.186s

FOR SITE SPECIFIC PROJECT

☐ SOLAR PV IS REQUIRED AND REFERENCE SHEET A-0.7
☐ GEOTECH REPORT IS REQUIRED

SEISMIC DESIGN FOR SITE SPECIFIC PROJECTS

SELECT ONE

☑ DESIGN BASED ON SITE CLASS $D_{default}$

NO GEOTECHNICAL INVESTIGATION REQUIRED

Ss = 1.577 Fa = 1.2

☐ DESIGN BASED ON SITE CLASS DETERMINED PER CHAPTER 20 OF ASCE 7-16

GEOTECHNICAL INVESTIGATION PROVIDED

SITE CLASS: ☐ C ☐ D ☐ E

Ss = _____ Fa = _____ PER ASCE 7-16 SUPPL 3, TABLE 11.4-1

☐ DESIGN BASED ON SITE SPECIFIC GROUND MOTION HAZARD ANALYSIS PER CHAPTER 21 OF ASCE 7-16

SHORT-PERIOD DESIGN SPECTRAL RESPONSE PARAMETER, S_{DS}, SHALL BE AS SPECIFIED IN GEOTECHNICAL INVESTIGATION

CGS APPROVAL REQUIRED

NOT ELIGIBLE FOR OTC REVIEW

SITE CLASS: ☐ C ☐ D ☐ E

$S_{DS} = \frac{2}{3}$ Fa Ss = 1.261 ≤ 1.84

C_s = .525 USED IN DESIGN

SEISMIC DESIGN CATEGORY: ☑ D ☐ E

++ 11.4.8 SITE SPECIFIC GROUND MOTION PROCEDURES
A SITE RESPONSE ANALYSIS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 21.1 FOR STRUCTURES ON SITE CLASS F SITES, UNLESS EXEMPTED IN ACCORDANCE WITH SECTION 20.3.1 A GROUND MOTION HAZARD ANALYSIS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 21.2 FOR THE FOLLOWING:

1. STRUCTURES ON SITE CLASS D SITE WITH S_1 GREATER THAN OR EQUAL TO 0.2

EXCEPTION: A GROUND MOTION HAZARD ANALYSIS IS NOT REQUIRED WHERE THE VALUE OF THE PARAMETER S_{M1} DETERMINED BY EQ. (11.4-2) IS INCREASED BY 50% FOR ALL APPLICATION OF S_{M1}

IN THIS STANDARD. THE RESULTING VALUE OF THE PARAMETER S_{D1} DETERMINED BY EQ (11.4-4) SHALL BE USED FOR ALL APPLICATIONS OF S_{D1} IN THIS STANDARD

NOTE:
CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

SHEET INDEX (114 SHEETS)

SHT NO.	ARCHITECTURAL
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A-0.1	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE
A-0.2	SCHEDULES
A-0.6A	CERTIFICATE OF COMPLIANCE FORMS
A-0.6B	CERTIFICATE OF COMPLIANCE FORMS
A-0.6C	CERTIFICATE OF COMPLIANCE FORMS
A-0.7	ENERGY MANDATORY MEASURES & CALGREEN SPEC'S
A-1.01 ☐	FLOOR PLAN 12' x 40' - MODEL A-1 12' x 40' - MODEL A-2 ADULT HEIGHT
A-1.01A ☐	FLOOR PLAN 12' x 40' - MODEL A-1 ALTERNATE HEIGHTS
A-1.01B ☐	FLOOR PLAN 12' x 40' - MODEL A-2 ALTERNATE HEIGHTS
A-1.02 ☐	FLOOR PLAN 12' x 40' - MODEL B-1 12' x 40' - MODEL B-2 ADULT HEIGHT
A-1.02A ☐	FLOOR PLAN 12' x 40' - MODEL B-1 ALTERNATE HEIGHTS
A-1.02B ☐	FLOOR PLAN 12' x 40' - MODEL B-2 ALTERNATE HEIGHTS
A-1.03 ☐	FLOOR PLAN 12' x 40' - MODEL C-1 12' x 40' - MODEL C-2 ADULT HEIGHT
A-1.03A ☐	FLOOR PLAN 12' x 40' - MODEL C-1 ALTERNATE HEIGHTS
A-1.03B ☑	FLOOR PLAN 12' x 40' - MODEL C-2 ALTERNATE HEIGHTS
A-1.04 ☐	FLOOR PLAN 12' x 40' - MODEL D-1 ADULT HEIGHT
A-1.04A ☐	FLOOR PLAN 12' x 40' - MODEL D-1 ALTERNATE HEIGHTS
A-2.01 ☐	REFLECTED CEILING PLAN - "MODEL A-1" OR "MODEL A-2"
A-2.02 ☐	REFLECTED CEILING PLAN - "MODEL B-1" OR "MODEL B-2"
A-2.03 ☑	REFLECTED CEILING PLAN - "MODEL C-1" OR "MODEL C-2"
A-2.04 ☐	REFLECTED CEILING PLAN - "MODEL D-1"
A-2.20 ☐	CEILING DETAILS - T-GRID
A-2.21 ☑	CEILING DETAILS - HARD LID
A-3.01 ☑	ROOF PLAN - METAL DECK- MONO OR DUAL SLOPE
A-3.31 ☐	ROOF PLAN - TPO - MONO OR DUAL SLOPE - PARAPET
A-3.41 ☐	ROOF PLAN - TPO ROOF - MONO OR DUAL SLOPE
A-3.50 ☑	ROOF DETAILS - METAL DECK
A-3.80 ☐	ROOF DETAILS - PARAPET DETAILS
A-3.90 ☐	ROOF DETAILS - TPO ROOF
A-4.01 ☐	EXTERIOR ELEVATIONS - "MODEL A-1" - MONO OR DUAL SLOPE
A-4.11 ☐	EXTERIOR ELEVATIONS - "MODEL A-1" - MONO OR DUAL SLOPE / PARAPET
A-4.02 ☐	EXTERIOR ELEVATIONS - "MODEL A-2" - MONO OR DUAL SLOPE
A-4.12 ☐	EXTERIOR ELEVATIONS - "MODEL A-2" - MONO OR DUAL SLOPE / PARAPET
A-4.03 ☐	EXTERIOR ELEVATIONS - "MODEL B-1" - MONO OR DUAL SLOPE
A-4.13 ☐	EXTERIOR ELEVATIONS - "MODEL B-1" - MONO OR DUAL SLOPE / PARAPET
A-4.04 ☐	EXTERIOR ELEVATIONS - "MODEL B-2" - MONO OR DUAL SLOPE
A-4.14 ☐	EXTERIOR ELEVATIONS - "MODEL B-2" - MONO OR DUAL SLOPE / PARAPET
A-4.05 ☐	EXTERIOR ELEVATIONS - "MODEL C-1" - MONO OR DUAL SLOPE
A-4.15 ☐	EXTERIOR ELEVATIONS - "MODEL C-1" - MONO OR DUAL SLOPE / PARAPET
A-4.06 ☑	EXTERIOR ELEVATIONS - "MODEL C-2" - MONO OR DUAL SLOPE
A-4.16 ☐	EXTERIOR ELEVATIONS - "MODEL C-2" - MONO OR DUAL SLOPE / PARAPET
A-4.07 ☐	EXTERIOR ELEVATIONS - "MODEL D-1" - MONO OR DUAL SLOPE
A-4.17 ☐	EXTERIOR ELEVATIONS - "MODEL D-1" - MONO OR DUAL SLOPE / PARAPET
A-5.01 ☑	CROSS SECTION - MONO SLOPE
A-5.02 ☐	CROSS SECTION - DUAL SLOPE
A-5.05 ☑	CROSS SECTION
A-5.50 ☐	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING
A-5.51 ☑	ARCHITECTURAL DETAILS - WOOD STUD - PLASTER
A-5.52 ☐	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING - 1 HOUR RATED
A-5.53 ☐	ARCHITECTURAL DETAILS - WOOD STUD - PLASTER - 1 HOUR RATED
A-5.60 ☐	ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING
A-5.61 ☐	ARCHITECTURAL DETAILS - STEEL STUD - PLASTER
A-5.62 ☐	ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING - 1 HOUR RATED
A-5.63 ☐	ARCHITECTURAL DETAILS - STEEL STUD - PLASTER - 1 HOUR RATED
A-5.64 ☐	ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS
A-5.70 ☑	ARCHITECTURAL DETAILS - FLOOR
A-5.81 ☑	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
A-6.01 ☐	INTERIOR ELEVATIONS - WALL MOUNTED - ADULT
A-6.02 ☑	INTERIOR ELEVATIONS - FLOOR MOUNTED - ADULT
A-6.03 ☐	INTERIOR ELEVATIONS - WALL MOUNTED AGE 5-8 & 9-12
A-6.04 ☑	INTERIOR ELEVATIONS - FLOOR MOUNTED AGE ~~5-8~~ 9-12
A-6.05 ☐	INTERIOR ELEVATIONS - FLOOR MOUNTED AGE 3-4

SHT NO.	FOUNDATION
F-0.01 ☑	WOOD FOUNDATION PLAN - 12' x 40' (50 PSF)
F-0.50 ☑	FOUNDATION DETAILS - WOOD
F-1.01 ☐	CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR
F-1.11 ☐	CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR
F-1.50 ☐	CONCRETE FOUNDATION DETAILS - ABOVE GRADE
F-2.01 ☐	CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR
F-2.11 ☐	CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR
F-2.50 ☐	CONCRETE FOUNDATION DETAILS - BELOW GRADE
F-2.51 ☐	FOUNDATION DETAILS - CONCRETE

SHT NO.	STRUCTURAL
S-0.1 ☑	STRUCTURAL SPECIFICATIONS
S-1.01 ☑	FLOOR FRAMING PLAN - WOOD FLOOR
S-1.11 ☐	FLOOR FRAMING PLAN - CONCRETE FLOOR
S-1.50 ☑	FLOOR FRAMING DETAILS - WOOD FLOOR
S-1.60 ☐	FLOOR FRAMING DETAILS - CONCRETE FLOOR
S-2.01 ☑	ROOF FRAMING PLAN - MONO SLOPE
S-2.11 ☐	ROOF FRAMING PLAN - DUAL SLOPE
S-2.21 ☐	ROOF FRAMING PLAN - DUAL / MONO SLOPE - PARAPET
S-2.50 ☑	ROOF FRAMING DETAILS - MONO SLOPE
S-2.51 ☐	ROOF FRAMING DETAILS - DUAL SLOPE
S-2.60 ☑	ROOF MISC. DETAILS
S-2.70 ☐	ROOF FRAMING DETAILS - PARAPET
S-3.01 ☑	BUILDING SECTION - MONO SLOPE ROOF
S-3.02 ☐	BUILDING SECTION - DUAL SLOPE ROOF
S-5.00 ☑	WALL FRAMING ELEVATIONS - WOOD STUDS
S-5.10 ☑	WALL FRAMING DETAILS - WOOD STUDS
S-5.11 ☑	WALL FRAMING DETAILS - WOOD STUDS
S-5.20 ☐	WALL FRAMING ELEVATIONS - STEEL STUDS
S-5.30 ☐	WALL FRAMING DETAILS - STEEL STUDS
S-5.31 ☐	WALL FRAMING DETAILS - STEEL STUDS

SHT NO.	PLUMBING
P-1.01A ☐	PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL A-1" OR "MODEL A-2"
P-1.01E ☐	PLUMBING PLAN AND ISOMETRICS - 3-4, 5-8, 9-12 "MODEL A-1" OR "MODEL A-2"
P-1.02A ☐	PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL B-1" OR "MODEL B-2"
P-1.02E ☐	PLUMBING PLAN AND ISOMETRICS - 3-4, 5-8, 9-12 "MODEL B-1" OR "MODEL B-2"
P-1.03A ☐	PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL C-1" OR "MODEL C-2"
P-1.03E ☑	PLUMBING PLAN AND ISOMETRICS - ~~3-4, 5-8~~, 9-12 "MODEL C-1" OR "MODEL C-2"
P-1.04A ☐	PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL D-1"
P-1.04E ☐	PLUMBING PLAN AND ISOMETRICS - 3-4, 5-8, 9-12 "MODEL D-1"
P-2.01 ☑	PLUMBING DETAILS AND SCHEDULE

SHT NO.	MECHANICAL
M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS

SHT NO.	ELECTRICAL
E-1.01 ☐	ELECTRICAL PLAN AND SCHEDULE - "MODEL A-1" OR "MODEL A-2"
E-1.02 ☐	ELECTRICAL PLAN AND SCHEDULE - "MODEL B-1" OR "MODEL B-2"
E-1.03 ☑	ELECTRICAL PLAN AND SCHEDULE - "MODEL ~~C-1~~" OR "MODEL C-2"
E-1.04 ☐	ELECTRICAL PLAN AND SCHEDULE - "MODEL D-1"

SHT NO.	RAMP
R-1.01 ☐	STANDARD RAMP PLAN
R-1.02 ☐	OFFSET RAMP PLAN
R-1.03 ☑	RAMP LANDING
R-1.04 ☐	STANDARD LANDING WITH STEPS
R-1.05 ☐	SWITCHBACK RAMP PLAN
R-2.01 ☑	RAMP DETAILS

SHT NO.	RELOCATABLE SHEETS
REL-101 ☐	BUILDING RELOCATION DETAILS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

COVER SHEET

REVISIONS

1 ____
2 ____
3 ____
4 ____
5 ____

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023

~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
2025
MODULAR STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023
P.C. SHEET NUMBER	A-0

DSA 103-22 LISTING OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS (SOILS)

NO SOILS REPORT REQ'D ☐

	S1. GENERAL:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	a. Verify that: • Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. • Foundation excavations are extended to proper depth and have reached proper material. • Materials below footings are adequate to achieve the design bearing capacity.	See Notes	PI	Refer to specific items identified in the Appendix listing exemptions for limitations. Placement of controlled fill exceeding 12" depth under foundations is not permitted without a geotechnical report.

	S2. SOIL COMPACTION AND FILL:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	a. Verify use of proper materials, densities and inspect lift thicknesses, placement and compaction during placement of fill.	Continuous	LOR*	* Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.
☑	b. Compaction testing.	Test	LOR*	* Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.

	S3. DRIVEN DEEP FOUNDATIONS (PILES):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	a. Verify pile materials, sizes and lengths comply with the requirements.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	b. Determine capacities of test piles and conduct additional load tests as required.	Test	LOR*	* Under the supervision of the geotechnical engineer.
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	c. Inspect driving operations and maintain complete and accurate records for each pile.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	d. Verify locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and record any pile damage.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	e. Steel piles.	Provide tests and inspections per STEEL section below.		
☐	f. Concrete piles and concrete filled piles.	Provide tests and inspections per CONCRETE section below.		
☐	g. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.	*	*	* As defined on drawings or specifications.

	S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Note**
☐	a. Inspect drilling operations and maintain complete and accurate records for each pier.	Continuous	PI	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
☐	b. Verify pier locations, diameters, plumbness and lengths.Record concrete or grout volumes.	Continuous	PI	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
☐	c. Concrete piers.	Provide tests and inspections per CONCRETE section below.		
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
	S5. RETAINING WALLS:			
☐	a. Placement, compaction and inspection of backfill.	Continuous	GE*	1705A.6.1. * By geotechnical engineer or his or her qualified representative. (See section S2 above).
☐	b. Placement of soil reinforcement and/or drainage devices.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	c. Segmental retaining walls: inspect placement of units, dowels, connectors, etc.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. See DSA IR 18-2.
☐	d. Concrete retaining walls.	Provide tests and inspections per CONCRETE section below.		
☐	e. Masonry retaining walls.	Provide tests and inspections per MASONRY section below.		

	S6. OTHER SOILS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	a. Soil Improvements	Test	GE*	Submit a comprehensive report documenting final soil improvements constructed, construction observation and the results of the confirmation testing and analysis to CGS (California Geological Survey) for final acceptance. * By geotechnical engineer or his or her qualified representative.
☐	b. Inspection of Soil Improvements	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	c.			

DSA 103-22: LIST OF REQUIRED VERIFIED REPORTS, CBC 2022

Application Number: 04-122200 **DSA File Number:** 33 Silver	**School Name:** SCM **Increment Number:**	**School District:** SCM **Date Created:** 2023-09-21 15:14:25

1. Structural Testing and Inspection: Laboratory Verified Report Form DSA 291

DSA 103-22 LISTING OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS (SOILS)

SOILS REPORT REQ'D ☐

	S1. GENERAL:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	a. Verify that: • Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. • Foundation excavations are extended to proper depth and have reached proper material. • Materials below footings are adequate to achieve the design bearing capacity.	Periodic	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) form for exemptions.)

	S2. SOIL COMPACTION AND FILL:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	a. Perform classification and testing of fill materials.	Test	LOR*	* Under the supervision of the geotechnical engineer.
☑	b. Verify use of proper materials, densities and inspect lift thicknesses, placement and compaction during placement of fill.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (Refer to specific items identified in the Appendix (end of this form) form for exemptions where soils SI and testing may be conducted under the supervision of a geotechnical engineer or LOR's engineering manager. In such cases, the LOR's form DSA 291 shall satisfy the soil SI and test reporting requirements for the exempt items.)
☑	c. Compaction testing.	Test	LOR*	* Under the supervision of the geotechnical engineer. (Refer to specific items identified in the Appendix (end of this form) for exemptions where soils testing may be conducted under the supervision of a geotechnical engineer or LOR's engineering manager. In such cases, the LOR's form DSA 291 shall satisfy the soil test reporting requirements for the exempt items.)

	S3. DRIVEN DEEP FOUNDATIONS (PILES):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	a. Verify pile materials, sizes and lengths comply with the requirements.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	b. Determine capacities of test piles and conduct additional load tests as required.	Test	LOR*	* Under the supervision of the geotechnical engineer.
☐	c. Inspect driving operations and maintain complete and accurate records for each pile.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	d. Verify locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and record any pile damage.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	e. Steel piles.	Provide tests and inspections per STEEL section below.		
☐	f. Concrete piles and concrete filled piles.	Provide tests and inspections per CONCRETE section below.		
☐	g. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.	*	*	* As defined on drawings or specifications.

	S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Note**
☐	a. Inspect drilling operations and maintain complete and accurate records for each pier.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Note**
☐	b. Verify pier locations, diameters, plumbness, bell diameters (if applicable), lengths and embedment into bedrock (if applicable), record concrete or grout volumes.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)
☐	c. Confirm adequate and strata bearing capacity.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)
☐	d. Concrete piers.	Provide tests and inspections per CONCRETE section below.		

	S5. RETAINING WALLS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	a. Placement, compaction and inspection of backfill	Continuous	GE*	1705A.6.1. * By geotechnical engineer or his or her qualified representative. (See section S2 above).
☐	b. Placement of soil reinforcement and/or drainage devices	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	c. Segmental retaining walls: inspect placement of units, dowels, connectors, etc.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. See DSA IR 18-2.
☐	d. Concrete retaining walls.	Provide tests and inspections per CONCRETE section below.		
☐	e. Masonry retaining walls.	Provide tests and inspections per MASONRY section below.		

	S6. OTHER SOILS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	a. Soil Improvements	Test	GE*	Submit a comprehensive report documenting final soil improvements constructed, construction observation and the results of the confirmation testing and analysis to CGS (California Geological Survey) for final acceptance. * By geotechnical engineer or his or her qualified representative.
☐	b. Inspection of Soil Improvements	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
☐	c.			

DSA 103-22: LIST OF REQUIRED VERIFIED REPORTS, CBC 2022

Application Number: 04-122203 **DSA File Number:**	**School Name:** scm **Increment Number:**	**School District:** scm **Date Created:** 2023-09-22 13:08:16

1. Soils Testing and Inspection: Geotechnical Verified Report Form DSA 293

STOCKPILE		CONSTRUCTION OF PERMANENT MODULAR OR RELACATABLE BUILDING			RELOCATION OF RELOCATABLE BUILDING	
☐	☐	☑	☐	☐	☑	☐
WOOD FLR ONLY	CONCRETE FLOOR	PL.WD FLR W/WOOD FOUNDATION	PL.WD FLR CONCRETE FOUNDATION	CONC. FLR CONCRETE FOUNDATION	WOOD FOUNDATION	CONCRETE FOUNDATION

DSA 103-22 LISTING OF STRUCTURAL TEST AND SPECIAL INSPECTIONS

THIS LIST IS A ITEMIZED LIST OF REQUIRED TEST AND SPECIAL INSPECTIONS USED THROUGH OUT THIS PC, ARCHITECT SHALL SELECT THE COLUMN ASSOCIATED WITH THE PROJECT TYPE. THE EXAMPLE FORM DSA 103 SECTIONS SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA 103-22 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO THE PROJECT SPECIFIC 103

X = REQUIRED TEST OR INSPECTION

								C1. CAST-IN-PLACE CONCRETE
								Test or Special Inspection — **Type**: Periodic — **Performed By**: SI — **Code References and Notes**: **Table 1705A.3 Item 5, 1910A.1.**
	X			X	X		X	a. Verify use of required design mix.
	X			X	X		X	b. Identify, sample, and test reinforcing steel. — **Test** — **LOR** — **1910A.2; ACI 318-19 Ch.20 and Section 26.6.1.2; DSA IR 17-10. (See Appendix (end of this form) for exemptions.)**
	X			X	X		X	c. During concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete. — **Test** — **LOR** — **Table 1705A.3 Item 9, ACI 318-19 Sections 26.5 & 26.12.**
	X			X	X		X	d. Test concrete (f'c). — **Test** — **LOR** — **1905A.1.17; ACI 318-19 Section 26.12.**
	X			X	X		X	e. Batch plant inspection: Periodic — **See Notes** — **SI** — **Default of 'Continuous' per 1705A.3.3. If approved by DSA, batch plant inspection may be reduced to 'Periodic' subject to requirements in Section 1705A.3.3.1, or eliminated per 1705A.3.3.2. See IR 17-13. (See Appendix (end of this form) for exemptions.)**
								f. Welding of reinforcing steel. — Provide special inspection per STEEL Category S/A4(d) & (e) and/or S/A5(g) & (h) below.
X	X	X	X	X				**S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES**
								Test or Special Inspection — **Type** — **Performed By** — **Code References and Notes**
X	X	X	X	X				a. Verify identification of all materials and: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements. — **Periodic** — * — **Table 1705A.2.1 Item 3a–3c, 2202A.1; AISI S100-20 Section A3.1 & A3.2, AISI S240-20 Section A3 & A5, AISI S220-20 Sections A4 & A6. * By special inspector or qualified technician when performed off-site.**
X	X	X	X	X				b. Test unidentified materials — **Test** — **LOR** — **2202A.1.**
X	X	X	X	X				c. Examine seam welds of HSS shapes — **Periodic** — **SI** — **DSA IR 17-3.**
X	X	X	X	X				d. Verify and document steel fabrication per DSA-approved construction documents. — **Periodic** — **SI** — **Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4).**
								e. Buckling restrained braces. — **Test** — **LOR** — Testing and special inspections in accordance with IR 22-4.
X	X	X	X	X	X	X		**S/A3. WELDING:**
								Test or Special Inspection — **Type** — **Performed By** — **Code References and Notes**
X	X	X	X	X	X	X		a. Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS. — **Periodic** — **SI** — **1705A.2.5, Table 1705A.2.1 Items 4 & 5; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum; AWS D1.3 for cold-formed steel; AWS D1.4 for reinforcing steel; DSA IR 17-3.**
X	X	X	X	X	X	X		b. Verify weld filler material manufacturer's certificate of compliance. — **Periodic** — **SI** — **DSA IR 17-3.**
X	X	X	X	X	X	X		c. Verify WPS, welder qualifications and equipment. — **Periodic** — **SI** — **DSA IR 17-3.**
X	X	X	X	X				**S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):**
								Test or Special Inspection — **Type** — **Performed By** — **Code References and Notes**
X	X	X	X	X				a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds. — **Continuous** — **SI** — **Table 1705A.2.1 Items 5a.1–4; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.**
X	X	X	X	X				b. Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds. — **Periodic** — **SI** — **1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.**
X	X	X	X	X				c. Inspect welding of stairs and railing systems. — **Periodic** — **SI** — **1705A.2.1; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3.**
								d. Verification of reinforcing steel weldability other than ASTM A706. — **Periodic** — **SI** — 1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
								e. Inspect welding of reinforcing steel. — **Continuous** — **SI** — Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.
		X	X	X	X	X		**S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):**
								Test or Special Inspection — **Type** — **Performed By** — **Code References and Notes**
		X	X	X		X		a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds. — **Continuous** — **SI** — **Table 1705A.2.1 Items 5a.1–4; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.**
		X	X	X		X		b. Inspect single-pass fillet welds ≤ 5/16". — **Periodic** — **SI** — **Table 1705A.2.1 Item 5a.5; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.**
		X	X	X				c. Inspect end-welded studs (ASTM A-108) installation (including bend test). — **Periodic** — **SI** — **2213A.2; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3.**
		X	X	X				d. Inspect floor and roof deck welds. — **Periodic** — **SI** — **1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (AISC 341-16 as applicable); AWS D1.3; DSA IR 17-3.**
		X	X	X				e. Inspect welding of structural cold-formed steel. — **Periodic** — **SI*** — **1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240-20 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.**
		X	X	X	X	X		f. Inspect welding of stairs and railing systems. — **Periodic** — **SI*** — **1705A.2.1; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.**
								g. Verification of reinforcing steel weldability. — Periodic — SI — 1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
								h. Inspect welding of reinforcing steel. — Continuous — SI — Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.
X	X	X	X	X				**S/A6. NONDESTRUCTIVE TESTING:**
								Test or Special Inspection — **Type** — **Performed By** — **Code References and Notes**
X	X	X	X	X				a. Ultrasonic — **Test** — **LOR** — **1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.**
X	X	X	X	X				b. Magnetic Particle — **Test** — **LOR** — **1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.**
								c. — Test — LOR
X	X	X	X	X	X	X		**S/A9. ANCHOR BOLTS AND ANCHOR RODS:**
								Test or Special Inspection — **Type** — **Performed By** — **Code References and Notes**
								a. Anchor Bolts and Anchor Rods — **Test** — **LOR** — **Sample and test anchor bolts and anchor rods not readily identifiable per procedures noted in DSA IR 17-11.**
X	X	X	X	X	X	X		b. Threaded rod not used for foundation anchorage. — **Test** — **LOR** — **Sample and test threaded rods not readily identifiable per procedures noted in DSA IR 17-11.**

DSA 103-22: LIST OF REQUIRED VERIFIED REPORTS, CBC 2022

Application Number: 04-122203 **DSA File Number:** 33 Silver	**School Name:** SCM **Increment Number:**	**School District:** SCM **Date Created:** 2023-09-21 15:25:03

1. Structural Testing and Inspection: Laboratory Verified Report Form DSA 291
2. Concrete Batch Plant Inspection: Laboratory Verified Report Form DSA 291
3. Shop Welding Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292
4. Field Welding Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292

· UT TESTING SHALL BE PERFORMED ON 100% OF CJP GROOVE WELDS COLUMN SPLICES OR BEAM SPLICES WHERE THE MATERIAL THICKNESS BEING WELDED IS 5/16" OR GREATER.
· UT TEST SHALL NOT BE REQUIRED TO BE PERFORMED ON CJP GROOVE WELDS WHERE THE MATERIAL THICKNESS BEING WELDED IS 1/4" OR LESS.
· MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25% OF ALL BEAM TO COLUMN OR TRUSS CHORD TO COLUMN CJP GROOVE WELDS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 2475 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

A-0A

REFLECTED CEILING NOTES

1. CEILING SYSTEM GENERAL NOTES

1.01 Ceiling system components shall comply with ASTM C635 and Section 5.1 of ASTM E580.
1.02 The ceiling grid system must be rated heavy duty as defined by ASTM C635.
1.03 Ceiling systems. The following ceiling system(s) is/are part of the scope of this project:

Manufacturer:	Armstrong
Evaluation Report Type and Number:	ICC ESR-1308
Main Runner Part, Model, or Catalog Number:	7301
Cross Runner Part, Model, Catalog Number:	XL7328

1.04 Seismic Wall Clip:

Manufacturer's Model:	BERC-2

1.05 Ceiling panels shall not support any luminaires, air terminals or devices.
1.06 For ceiling installations utilizing acoustical tile panels of mineral or glass fiber, it is not mandatory to provide ¾" clearance between the acoustical tile panels and the wall on the sides of the ceiling which are free to slip. For all other ceiling panel types, provide ¾" clearance between the ceiling panel and the wall on the sides of the ceiling free to slip. Clearance between ceiling grid runners/members and walls shall comply with the details on these drawings regardless of ceiling tile material.

2. MATERIALS

2.01 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641. Wire shall be #12 gauge (0.106" diameter) with soft temper and minimum ultimate tensile strength = 70 ksi.
2.02 Galvanized sheet steel (including that used for metal stud and track compression struts/post) shall conform to ASTM A653, or other equivalent sheet steel listed in Section A3.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members, (AISI S100). Material 43 mil (18 gauge) and lighter shall have minimum yield strength of 33 ksi. Material 54 mil (16 gauge) and heavier shall have a minimum yield strength of 50ksi.
2.03 Electrical metallic tube (EMT) shall be ANSI C80.3/UL 797 carbon steel with G90 galvanizing. EMT shall have minimum yield strength (FY) of 30 ksi and minimum ultimate strength (FU) of 48 ksi.

3. ATTACHMENT OF HANGER AND BRACING WIRES

3.01 Separate all ceiling hanger and bracing wires at least 6 inches from all unbraced ducts, pipes, conduit, etc.
3.02 Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to piping, ductwork, conduit and equipment.
3.03 Hanger wires that are more than one (horizontal) in six (vertical) out of plumb shall have counter-sloping wires.
3.04 Slack safety wires shall be considered hanger wires for installation and testing requirements.
3.05 Hanger and bracing wire anchorage to the structure shall be installed in such a manner that the direction of the anchorage aligns closely with the direction of the wire (e.g., bracing wire ceiling clips must be bent as shown in the details and rotated as required to align closely with the direction of the wire, screw eyes in wood must be installed so they align closely with the direction of the wire, etc.).

4. FASTENERS AND WELDING

4.01 Sheet metal screws shall comply with ASTM C1513 and ASME B18.6.3. Penetration of screws through joined material shall not be less than three exposed threads.
4.02 Expansion anchors shall be: [RDP to indicate manufacturer, product, evaluation report number and test load for each size specified per CBC 1910A.5.4.]
4.03 Power-Actuated Fasteners shall be: [RDP to indicate manufacturer, product, evaluation report number.]
4.04 If not otherwise specified in the evaluation report, power-actuated fasteners installed in steel shall be installed so the entire pointed end of the fastener is driven through the steel member
4.05 Power-actuated fasteners in concrete or masonry are not permitted for bracing wires.
4.06 Concrete reinforcement and prestressing tendons shall be located by non-destructive means prior to installing post-installed anchors.
4.07 Welding shall be in accordance with AWS D1.3 using E60XX series electrodes.

5. TESTING

5.01 All field testing must be performed in the presence of the project inspector.
5.02 Post-installed anchors in concrete used to support hanger wires shall be tested at a frequency of 10 percent. Power-actuated fasteners in concrete shall be field tested for 200 pounds in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1910A.5.
5.03 Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent in accordance with CBC Section 1910A.5.

6. LUMINAIRES

6.01 All luminaires shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the luminaire. A minimum of two screws or approved fasteners are required at each luminaire, per ASTM E580 Section 5.3.1.
6.02 Surface-mounted luminaires shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting ceiling runner and be made of steel with a minimum thickness of #14 gauge. Rotational spring catches do not comply. A #12 gauge slack safety wire shall be connected from each clamping device to the structure above. Provide additional supports when a luminaire is 8 feet or longer or exceeds 56 pounds. Maximum spacing between supports shall not exceed 8 feet.
6.03 Luminaires weighing less than or equal to 10 pounds may be supported directly on the ceiling runners, shall have a minimum of one #12 gauge slack safety wire connected from the fixture housing to the structure above.
6.04 Luminaires weighing greater than 10 pounds but less than or equal to 56 pounds may be supported directly on the ceiling runners, but they shall have a minimum of two #12 gauge slack safety wires connected from the fixture housing at diagonal corners to the structure above.
Exception: All luminaires greater than two by four feet weighing less than 56 pounds shall have a #12 gauge slack safety wire at each corner.
6.05 All luminaires weighing greater than 56 pounds shall be independently supported by not less than four taut #12 gauge hanger wires (one at each corner) attached from the fixture housing to the structure above or other approved hangers. The four taut #12 gauge wires or other approved hangers, including their attachment to the structure above, shall be capable of supporting four times the weight of the fixture.

7. SERVICES WITHIN THE CEILING

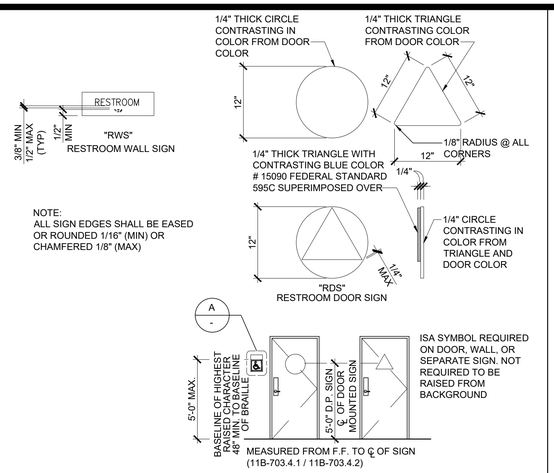
7.01 All flexible sprinkler hose fitting mounting brackets, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means. Screws or approved fasteners are required. A minimum of two attachments are required at each component.
7.02 Ceiling-mounted air terminals or other services weighing less than or equal to 20 pounds shall have one #12 gauge slack safety wire attached from the terminal or service to the structure above.
7.03 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 pounds but less than or equal to 56 pounds shall have two #12 gauge slack safety wires (at diagonal corners) connected from the terminal or service to the structure above.
7.04 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 pounds shall be supported directly from the structure above by not less than four taut #12 gauge hanger wires attached from the terminal or service to the structure above or other approved hangers.

8. OTHER DEVICES WITHIN THE CEILING

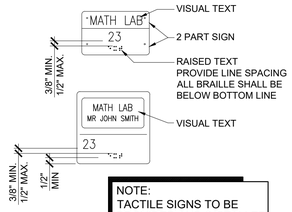
8.01 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. In addition, devices weighing more than 10 pounds shall have a #12 gauge slack safety wire anchored to the structure above. Devices weighing more than 20 pounds shall be supported independently from the structure above.

NOTE:
ACOUSTICAL PANELS SHALL BE 5/8" MINIMUM THICK, MINERAL FIBERBOARD OR VINYL FACED FIBERGLASS LAY-IN PANELS SQUARE EDGE AND CBC CLASS C FLAME-SPREAD 76-200; SMOKE-DEVELOPED 0-450.

NOTE:
PER CBC SECTION 718.2.1. FIRE BLOCKS MAY BE OF GYPSUM BOARD, CEMENT FIBER BOARD, BATTS OR MINERAL OR GLASS FIBER, OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE. LOOSE-FILL INSULATION MATERIAL SHALL NOT BE USED AS A FIRE BLOCK UNLESS SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE ITS ABILITY TO REMAIN IN PLACE AND TO RETARD THE SPREAD OF FIRE AND HOT GASES. (SECTION 718.2.1). FLAME SPREAD - 25 SMOKE DEVELOPMENT - 50 MAX
FIRE BLOCKING IS NOT REQUIRED WITHIN CONCEALED SPACES CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS



MOUNTING HEIGHT NOTE:
48" MIN AFF TO BASELINE OF LOWEST BRAILLE 60" MAX AFF TO BASELINE OF HIGHEST RAISED CHARACTER



NOTE:
TACTILE SIGNS TO BE PROVIDED AND INSTALLED ON SITE BY OTHERS, NOT SCM. AND SHALL COMPLY W/ CBC 1013.4

SIGNAGE TEMPLATES

COORDINATE WITH SIGNAGE NOTES (BELOW)

SIGNAGE NOTES

1. CHARACTER TYPE: CHARACTERS ON TACTILE SIGNS SHALL BE RAISED 1/32" (0.794 mm) MINIMUM ABOVE THEIR BACKGROUND AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. (SEE NOTE 5 BELOW) 11B-703.2.1 & 11B-703.2.2 &11B-703.23.

2. RAISED CHARACTER HEIGHT: CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" (15.9 mm) MINIMUM AND 2 INCH (51 mm) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". 11B-703.2.5

3. FINISH AND CONTRAST: SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH SYMBOLS. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND. 11B-703.7.1.

4. PROPORTIONS: RAISED CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MIN AND 110% MAX OF THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE "I" SHALL BE 15% MAX OF THE HEIGHT OF THE CHARACTER. 11B-703.2.4 + 11B-703.2.6

VISUAL CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MIN AND 110% MAX OF THE HEIGHT OF THE UPPERCASE LETTER ' I '. STROKE THICKNESS OF THE UPPER CASE ' I ' SHALL BE 10% MIN. AND 20% MAX OF THE HEIGHT OF THE CHARACTER.

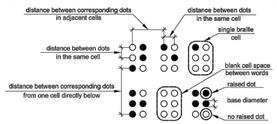
TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HEIGHT PROPORTIONS:

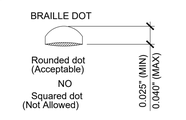


5. CHARACTER SPACING: CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8" (MIN) AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH (MAX). WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16" (MIN) AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH (MAX) AT THE BASE OF THE CROSS SECTIONS, AND 1/8" (MIN) AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH (MAX) AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8" (MIN). 11B-703.2.7

6. LINE SPACING: SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135% (MIN) AND 170% (MAX) OF THE RAISED CHARACTER HEIGHT. 11B-703.2.8

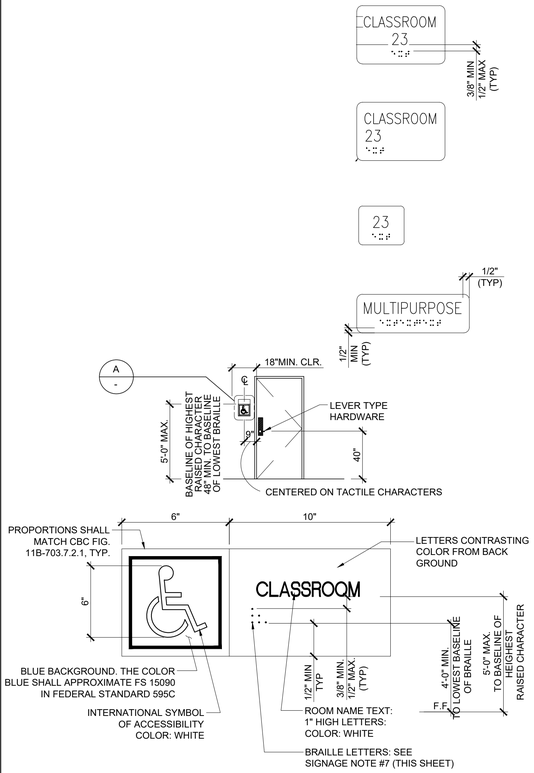
7. BRAILLE: BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH SECTIONS 11B-703.3 AND 11B-703.4. DIMENSIONS AND CAPITALIZATION: BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 11B-703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS. 11B-703.3.1.





MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
Dot base diameter	0.059 (1.5 mm) to 0.063 (1.6mm)
Distance between two dots in the same cell[1] (#footnote-1)	0.100 (2.5 mm)
Distance between corresponding dots in adjacent cells[1] (#footnote-1)	0.300 (7.6 mm)
Dot height	0.025 (0.6 mm) to 0.037 (0.9 mm)
Distance between corresponding dots from one cell directly below[1] (#footnote-1)	0.395 (10 mm) to 0.400 (10.2 mm)

1. Measured center to center.



NOTE:
SIGN MATERIAL TO BE 1/8" THK. E.S. PLASTIC W/1/32" RAISED GRAPHICS AND LETTERS. PROVIDE MECHANICAL MOUNTING W/ VANDAL RESISTANT FASTENERS. CBC SECTION 11B-703. WHERE RAISED BOARDERS OCCUR, PROVIDE 1/2" MIN. CLEARANCE BETWEEN TOP OF BOARDER AND LOWEST LEVEL OF BRAILLE TEXT.

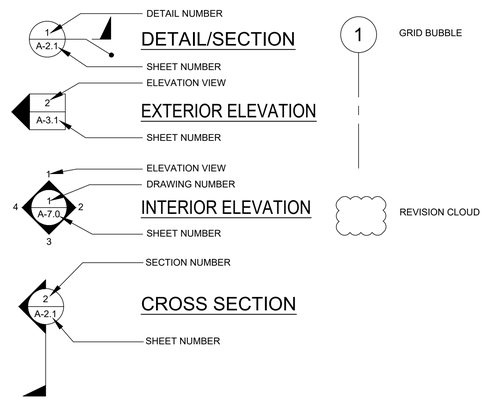
A ROOM IDENTIFCATION ROOM SIGNAGE (BY DISTRICT)

FOR SITE SPECIFIC LOCATIONS ARCHITECT TO PROVIDE BUILDING / ROOM IDENTIFICATION SIGNS. DETAILS AND LOCATIONS OF SIGNAGE TO BE INDICATED.

COORDINATE WITH SIGNAGE NOTES 1 THROUGH 7 ON THIS SHEET.

THIS DETAIL FOR REFERENCE ONLY

SYMBOLS LEGEND



ABBREVIATIONS

AB	ANCHOR BOLT	FIN	FINISH	℄ OR PL	PLATE
ABS	ABSOLUTE	FLR	FLOOR	PC	PRE-CHECKED
ABV	ABOVE	FN	FIELD NAILING	PLAS	PLASTER
ACC	ACCESS	FND	FOUNDATION	PLYWD	PLYWOOD
ADDL	ADDITIONAL	FOC	FACE OF CONCRETE	PNL	PANEL
ADJ	ADJACENT	FOS	FACE OF STUD	POC	POINT OF CONNECTION
AFF	ABOVE FINISH FLOOR	FTG	FOOTING	POT	PATH OF TRAVEL
AFG	ABOVE FINISH GRADE	FOF	FACE OF FINISH	PSF	POUNDS PER SQUARE FOOT
AGC	ABOVE GRADE CONCRETE			PSI	POUNDS PER SQUARE INCH
ALT	ALTERNATE	GA	GAUGE	PT	PRESSURE TREATED
AOR	ARCHITECT OF RECORD	GALV	GALVANIZE		
APPROX	APPROXIMATE	GC	GENERAL CONTRACTOR	RAG	RETURN AIR GRILLE
ARCH	ARCHITECTURAL / ARCHITECT	GR	GRADE	RD	ROOF DRAIN
		GYP	GYPSUM	REF	REFERENCE
BD	BOARD	GYP BD	GYPSUM BOARD	REINF	REINFORCE
BGC	BELOW GRADE CONCRETE			REQ'D	REQUIRED
BLDG	BUILDING	HB	HOSE BIBB	REV	REVISION
BLK	BLOCK	HD	HEAVY DUTY	RF	ROOF
BLKG	BLOCKING	HDR	HEADER	RM	ROOM
BM	BEAM	HDW	HARDWARE	RO	ROUGH OPENING
BOT	BOTTOM (OR BTM)	HF	HEM FIR	ROH	ROOF OVERHANG
BTWN	BETWEEN	HORIZ	HORIZONTAL		
BU	BUILT UP	HT	HEIGHT	SCHED	SCHEDULE
		HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	SEC	SECTION
CAB	CABINET			SHT	SHEET
CBC	CALIFORNIA BUILDING CODE			SHTG	SHEATHING
CI	CAST IRON			SIM	SIMILAR
CJ	CONTROL JOINT	INCL	INCLUDED	SPEC	SPECIFICATION
CJP	COMPLETE JOINT PENETRATION	INFO	INFORMATION	SQ	SQUARE
		INT	INTERIOR	SST	STAINLESS STEEL
℄	CENTER LINE			STD	STANDARD
CLG	CEILING	J-BOX	JUNCTION BOX	STIFF	STIFFENER
CO	CLEAN OUT	JST	JOIST	STL	STEEL
COL	COLUMN	JT	JOINT	STS	SELF-TAPPING SCREW
CONC	CONCRETE			STSMS	SELF-TAPPING SHEET METAL SCREW
CONN	CONNECTION	KO	KNOCK OUT		
CONST	CONSTRUCTION				
CONT	CONTINUOUS	LAB	LABORATORY		
CPT	CARPET	LAM	LAMINATED	T&B	TOP AND BOTTOM
CSK	COUNTERSINK	LAV	LAVATORY	T&G	TONGUE AND GROOVE
CTR	CENTER	LB	POUNDS	TEL	TELEPHONE
		LT	LIGHT	THK	THICK
DBL	DOUBLE	LT WT	LIGHT WEIGHT	TOC	TOP OF COLUMN
DET	DETAIL	LVR	LOUVER	TOS	TOP OF STEEL
DF	DOUGLAS FIR			TS	TUBE STEEL
DIA OR Ø	DIAMETER	MAX	MAXIMUM	TV	TELEVISION
DIAG	DIAGONAL	MB	MACHINE BOLT	TYP	TYPICAL
DIM	DIMENSION	MED	MEDIUM		
DSA	DIVISION OF THE STATE ARCHITECT	MFR	MANUFACTURER	UBC	UNIFORM BUILDING CODE
		MIN	MINIMUM	UON	UNLESS OTHERWISE NOTED
DWG	DRAWING	MISC	MISCELLANEOUS		
		MOD	MODULE	UR	URINAL
(E)	EXISTING	MTL	METAL		
EA	EACH			VERT	VERTICAL
EJ	EXPANSION JOINT	(N)	NEW	VCT	VINYL COMPOSITION TILE
ELEV	ELEVATION	N	NORTH		
EN	END NAIL	NIC	NOT IN CONTRACT (NOT IN SILVER CREEK'S SCOPE OF WORK	W/	WITH
EQ	EQUAL			WC	WATER CLOSET
EQUIP	EQUIPMENT	NO	NUMBER	WCO	WALL CLEAN OUT
EW	EACH WAY	NTS	NOT TO SCALE	WD	WOOD
EXT	EXTERIOR			WH	WATER HEATER
		OC	ON CENTER	WIC	WOODWORK INSTITUTE OF CALIFORNIA
FA	FIRE ALARM	OD	OUTSIDE DIAMETER		
FCO	FLOOR CLEAN OUT	OH	OPPOSITE HAND	WND	WINDOW (OR WDW)
FF	FINISH FLOOR	OPNG	OPENING	W/O	WITHOUT
FG	FINISH GRADE	OPP	OPPOSITE	WP	WATER PROOF

SPECIFICATIONS

DIVISION 5 - METALS
- ALL WELDED JOINTS AND SURFACES SHALL BE GROUNDED SMOOTH, NO SHARP OR ABRASIVES CORNERS, EDGES OR SURFACES. WALL SURFACES ADJACENT TO HANDRAILS SHALL BE SMOOTH,
- ALL HANDRAILS SHALL BE ROUND OR SHALL HAVE RADIUSED EDGES (r = 1/8" MIN)

DIVISION 6 - WOOD AND PLASTICS
- ALL CABINET AND DRAWERS WILL HAVE U-SHAPED WIRE PULLS

DIVISION 9 - FINISHES
- CEILING INSTALLATION SHALL BE PER THE NOTES PROVIDED ON THIS SHEET.

DIVISION 10 - SPECIALITIES
- ALL TOILET ACCESSORIES SHALL BE INSTALLED AT THE HEIGHT AND CLEARANCES SHOWN ON SHEET P-1.01

DIVISION 22 - PLUMBING
- FAUCETS SHALL BE LEVER OPERATED (4" MIN BLADE) OR SHALL BE PUSH TYPE OR AUTOMATIC ELECTRONICALLY CONTROLLED. CONTROLS TO BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE.
- FORCE TO ACTIVATE CONTROLS SHALL NOT BE GREATER THAN 5 LBS
- FORCE TO REMAIN OPEN FOR A MINIMUM OF 10 SECONDS WHEN SELF CLOSING VALVES ARE USED
- PIPE COVERS SHALL BE PROVIDED FOR WATER LINES AND DRAIN PIPES UNDER ACCESSIBLE SINKS AND LAVATORIES
- ACCESSIBLE SINKS SHALL NOT BE DEEPER THAN 6 1/2"

ASSISTIVE LISTENING SYSTEM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

SYMBOLS LEGEND, ABBREVIATIONS & ADA SIGNAGE

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

~~APPROVED~~
~~DIV. OF THE STATE ARCHITECT~~
~~APP: 04-122000 PC~~
~~REVIEWED FOR~~
~~SS ☑ FLS ☑ ACS ☑ CG ☑~~
~~DATE: 09/25/2023~~
~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLEY 2475 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES	12' x 40' PC
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023
P.C. SHEET NUMBER	A-0.1

WILDLAND URBAN INTERFACE REQUIREMENTS ☐

WHEN THIS BUILDING IS TO BE INSTALLED WHERE THE REQUIREMENTS OF CHAPTER 7A OF THE 2022 CBC ARE APPLICABLE COMPLIANCE WITH THE APPLICABLE REQUIREMENTS SHALL BE AS OUTLINED BELOW:

CHAPTER 7A REQUIREMENTS:

705A ROOFING

705A.1 - ROOF SHALL BE CLASS 'A'.
705A.2 - NOT APPLICABLE. NO VOIDS OCCUR, ROOF IS APPLIED DIRECTLY.
705A.3 - NOT APPLICABLE. NO VALLEYS OCCUR.
705A.4 - LEAF GUARDS/COVERS SHALL BE PROVIDED AT ALL GUTTERS.

706A VENTS

706A.2 - THE UNDER-FLOOR ACCESS AND VENT OPENINGS SHALL BE COVERED WITH CORROSION RESISTANT WIRE MESH WITH A CLEAR OPENING NOT EXCEEDING 1/8".
706A.3 - THE SOFFIT VENTS SHALL BE VULCAN TECHNOLOGIES MODEL #VE OR VSC SOFFIT VENT COVERS (PER CASFM LISTING 8165-2192:0100).

707A EXTERIOR COVERINGS

707A.3 - EXTERIOR WALL FINISH SHALL BE PLASTER (NON-COMBUSTIBLE) OVER 1/2" OSB OVER STUDS OR 19/32" DURATEMP SIDING OVER STUDS (PER SFM LISTING# 8140-2031:0004).
707A.4 - NOT APPLICABLE. NO OPEN ROOF EAVES OCCUR.
707A.5 - SOFFIT FINISH SHALL BE PLASTER (NON-COMBUSTIBLE) OVER FRAMING OR ALLURA FIBER-CEMENT PANELS (NON-COMBUSTIBLE) (PER ESR-1668).
707A.6 - NOT APPLICABLE. DOES NOT OCCUR
707A.7 - NOT APPLICABLE. DOES NOT OCCUR
707A.8 - NOT APPLICABLE. DOES NOT OCCUR
707A.9 - NOT APPLICABLE. DOES NOT OCCUR

708A EXTERIOR DOORS AND WINDOWS

708A.2 - NOT APPLICABLE. DOES NOT OCCUR
708A.3 - EXTERIOR DOORS AND FRAMES ARE NON-COMBUSTIBLE (HOLLOW METAL).
708A.4 - NOT APPLICABLE.

709A - DECKING - THE EXTERIOR DECKING (WHERE APPLICABLE) IS A NON-COMBUSTIBLE STEEL FRAME AND DECK. SKIRTING MATERIAL (WHERE APPLICABLE) SHALL BE 19/32" DURATEMP SIDING (PER SFM LISTING# 8140-2031:0004).

710A - NOT APPLICABLE.

FINISH SCHEDULE

ROOM NAME	FLOORING		WALL FINISH				CEILING		NOTES
	FLOOR	BASE	FRONT	LEFT	REAR	RIGHT	CEILING	CEILING HT	
GIRLS 101	~~SV~~ CT	SC	FRP	FRP	FRP	FRP	GBP	~~8'-0"~~ 8'-6"	
BOYS 102	~~SV~~ CT	SC	FRP	FRP	FRP	FRP	GBP	~~8'-0"~~ 8'-6"	
STAFF 103	~~SV~~ CT	SC	FRP	FRP	FRP	FRP	GBP	~~8'-0"~~ 8'-6"	
STAFF ~~CUSTODIAL~~ 104	~~SV~~ CT	SC	FRP	FRP	FRP	FRP	GBP	~~8'-0"~~ 8'-6"	
~~*PLUMBING CHASE~~	---	---	---	---	---	---	---	---	

FLOOR, WALL, CEILING MATERIALS

FLOORING

CARP: CARPET PER STATE OF CALIFORNIA SPECIFICATIONS COMPLYING WITH GROUP 1; TYPE "A" OR TYPE "B"; CLASS 2; DENSITY 4600; DIRECT GLUE DOWN
SV: SHEET VINYL FLOORING W/ FULLY SEALED JOINTS
VCT: VINYL COMPOSITION TILE
CT CERAMIC TILE

BASE

4" TS: 4" TOP SET BASE
6" TS: 6" TOP SET BASE
SC: 6" SELF-COVE BASE, CONTINUE FLOOR MATERIAL UP THE WALL PER 10/A-5.70

WALLS

TACK: 1/2" VINYL TACKBOARD CLASS 1 OVER ½" GYPSUM BOARD BACKING
FRP: 1/8" FIBER REINFORCED PANEL OVER ½" WATER RESISTANT GYPSUM BOARD
GYP: 1/2" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH
PLY: 1/2" PLYWOOD FINISH
NF: NO FINISH

CEILING

CP: ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATION NOTES ON REFLECTED CEILING PLAN)
HC: 5/8" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH (HARD LID CEILING)
GBP: 1/2" GYPSUM BOARD WASHABLE PANELS (PAINTED)

INSULATION SPECIFICATIONS

MOISTURE PROTECTION INSULATION:

DESCRIPTION OF WORK: THE FURNISHING AND INSTALLING OF ALL INSULATION FOR ALL CEILING, FLOOR AREAS, PIPES AND EXTERIOR WALLS. (CLASS A = 0-25 FLAME SPREAD:) SMOKE DEVELOPMENT DENSITY LESS THAN 450.

MATERIAL:
INSULATING MATERIAL FOR WALLS SHALL BE FIBERGLASS BATTS (UNFACED) AND SHALL COMPLY WITH CBC 720.1, 720.2, 720.3, 720.5 AND 720.7. INSULATION SHALL BE AS MANUFACTURED BY OWENS-CORNING, JOHNS-MANVILLE, OR EQUAL.

INSULATING MATERIAL FOR ROOFS SHALL BE CLOSED CELL SPRAY FOAM AND SHALL COMPLY WITH CBC 720.1, 720.2, 720.3, 720.5 AND 720.7. INSULATION SHALL HAVE A MINIMUM R-VALUE OF R-6 PER EACH INCH OF THICKNESS, AN AIR PERMEANCE RATE OF NOT MORE THAN 0.02 L/s AT 75 Pa, AND A WATER VAPOR TRANSMISSION RATE OF NOT MORE THAN 0.9 PERMS. THE FOAM SHALL BE APPLIED TO FILL ALL VOIDS IN THE ROOF FRAMING MEMBERS.

MIN INSULATION VALUES:

EXTERIOR WALL INSULATION (MIN.)
☑ R-13 (4" WALL @ UNCONDITIONED RESTROOM MODULE ONLY)
☐ R-19 (6" WALL)
☐ R-30 (8" WALL)

INTERIOR WALL INSULATION (MIN.)
R-13

FLOOR INSULATION
☐ NONE (CONCRETE MASS)
☑ R-19 (MIN)

ROOF INSULATION (MIN.)
R-30 (CLOSED CELL SPRAY FOAM)

DOOR SCHEDULE

DOOR NO	WIDTH	HEIGHT	DOOR TYPE	QTY	DOOR MAT/FIN	FRAME MAT/FIN	HARDWARE SET	LOCKABLE FROM INT.	NOTES*
1	3'-0"				*			NO	
2	3'-0"							NO	NO CLOSER
~~3~~	~~1'-8~~							NO	
4	3'-0"	7'-0	A					NO	

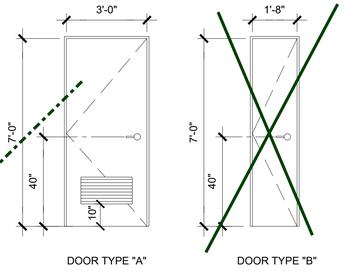
SEE PROJECT SPECIFIC HARDWARE GROUPS ON 4/A-1.03B-N

* SEE NOTE ON 4/A-1.03B-N

DOOR MATERIAL AND FINISH ABBREVIATIONS

HM:	18GA HOLLOW METAL	KD:	KNOCK DOWN FRAME	*EXTERIOR DOORS TO BE UNINSULATED SINGLE LAYER DOORS W/ U-FACTOR OF 1.450 MAX
WF:	16GA WELDED FRAME	SCL:	SOLID CORE WOOD LEGACY	
AL:	ALUMINUM	HC:	HOLLOW CORE WOOD	
SST:	STAINLESS STEEL	PT:	PAINTED	

DOOR TYPES & NOTES



DOOR TYPE "A" DOOR TYPE "B"

SEE PROJECT SPECIFIC DOOR TYPE 3/A-1.03B-N

1. DOOR HANDLE FOR LOCK SETS AND PANIC HARDWARE TO BE CENTERED AT 40" AFF
2. ALL EXIT DOORS TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE ANY SPECIAL TOOLS, KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
3. ALL DOORS SHALL BE 1 3/4" THICK U.N.O.
4. CLOSER SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 5 LBS AT EXTERIOR AND INTERIOR DOORS.
5. PANIC HARDWARE IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER.
6. ALL HARDWARE SHALL COMPLY WITH SILVER CREEK'S SPECS ON THIS SHEET AND CBC SECTIONS 11B-206.5,11B-404.1 & 1010.
7. DOOR CLOSER SHALL BE ADJUSTED TO SO THAT FROM AN OPEN POSITION OF 90°, THE DOOR WILL TAKE AT LEAST 5 SECONDS TO MOVE TO A POINT 12" FROM THE LATCH, MEASURED TO THE LANDING SIDE OF THE DOOR.
8. PANIC AND FIRE EXIT HARDWARE. WHERE THIS TYPE HARDWARE IS INSTALLED, IT SHALL COMPLY WITH THE FOLLOWING;
   -THE ACTUATING PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEASE ONE-HALF OF THE DOOR LEAF WIDTH.
   - THE MAXIMUM FORCE TO ACTIVATE ANY OPERABLE PART SHALL NOT EXCEED 5 LBS PER THE 2022 CBC, PANIC HARDWARE SHALL COMPLY WITH CBC SECTION 1010.1.10
9. ALL HAND ACTIVATED HARDWARE SHALL BE LEVER TYPE, PANIC BARS, PUSH/PULL TYPE OR 'U' SHAPED HANDLES.
10. ALL HAND ACTIVATED HARDWARE SHALL BE EASY TO OPERATE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF WRIST TO OPERATE AND WILL OPERATE WITH W/ 5 LBS OR LESS FORCE.
11. FLOOR STOP SHALL BE LOCATED 4" MAX FROM FACE OF WALL.

FINISH NOTES

1. ALL FINISHES SHALL COMPLY WITH CBC, CFC AND TITLE 19 CCR.
2. PREPARATION FOR SUB-FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB-FLOOR IS 2.4.1. PLYWOOD. OUTER PLYWOOD IS PLUGGED AND TOUCH SANDED. ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODLINE SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.
3. RESILIENT FLOORING DEMONSTRATING A COEFFICIENT OF FRICTION OF AT LEAST 0.6 PER ASTM D2047, WILL BE ACCEPTED AS MEETING THE INTENT OF SLIP RESISTANCE.
4. CARPET SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT, OR LEVEL CUT / UNCUT PILE TEXTURE AND MAXIMUM PILE HEIGHT OF 1/2" PER THE 2022 CBC. CARPET EDGED SHALL COMPLY WITH THE 2022 CBC

DOOR HARDWARE

BOYS & GIRLS RESTROOM - EXTERIOR DOOR HW-1

LOCKSET	TAH LHV70-LFIC SAT	Finish 626	or equal
I/C CORE	SCHLAGE 23-030 C123	Finish 626	or equal
BUTTS	TAH BB179 4 ½" x 4 ½" NRP	Finish 626	or equal
CLOSER	TAH DC851 DA	Finish 689	or equal
WEATHER STRIP	COLUMBIA 3340S 3684	Finish Alum	or equal
THRESHOLD	COLUMBIA 4920 36"	Finish Alum	or equal
DOOR BOTTOM	COLUMBIA 2590 36"	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	

STAFF RESTROOM - EXTERIOR DOOR HW-2

LOCKSET	SCHLAGE L9080J-06A X 09-509 X L283-363	Finish 626	or equal
I/C CORE	SCHLAGE 23-030 C123	Finish 626	or equal
BUTTS	TAH BB179 4 ½" x 4 ½" NRP	Finish 626	or equal
WEATHER S			equal
THRESHOL			equal
DOOR BOT			equal
LOUVER			equal

SEE PROJECT SPECIFIC SHEET A-1.03B-N

~~CHASE E~~

LOCKSET			equal
I/C CORE	SCHLAGE 23-030 C123	Finish 626	or equal
BUTTS	TAH BB179 4 ½" x 4 ½" NRP	Finish 626	or equal
WEATHER STRIP	COLUMBIA 3340S 3684	Finish Alum	or equal
THRESHOLD	COLUMBIA 4920 36"	Finish Alum	or equal
DOOR BOTTOM	COLUMBIA 2590 36"	Finish Alum	or equal

CUSTODIAL - EXTERIOR DOOR HW-4

LOCKSET	TAH LV80 LFIC SAT	Finish 626	or equal
I/C CORE	SCHLAGE 23-030 C123	Finish 626	or equal
BUTTS	TAH BB179 4 ½" x 4 ½" NRP	Finish 626	or equal
WEATHER STRIP	COLUMBIA 3340S 3684	Finish Alum	or equal
THRESHOLD	COLUMBIA 4920 36"	Finish Alum	or equal
DOOR BOTTOM	COLUMBIA 2590 36"	Finish Alum	or equal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

SCHEDULES

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023
~~PS STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

A-0.2

STATE OF CALIFORNIA
Nonresidential Building Commissioning
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-CXR-E
This document is used to demonstrate compliance with mandatory commissioning requirements in 120.8 for nonresidential buildings and hotel/motel or mixed-use buildings with nonresidential spaces. This document does not demonstrate compliance with commissioning requirements within Title 24, Part 11, which need to be documented separately if they apply.			
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 1 of 6)**
Project Address:		**Date Prepared:**	2023-02-20T12:52:47-05:00

A. GENERAL INFORMATION					
01	Project Location (city)	NA	04	Building Size (ft²)	480
02	Occupancy Type	Nonresidential	05	Nonresidential Conditioned Floor Area (ft²)	< 10,000 ft²
03	Project Type	Newly constructed	06	HVAC System Type	Unitary or packaged equipment each serving one zone
			07	Climate Zone	10

B. PROJECT SCOPE			
Based on project information provided in Table A, Table B indicates which commissioning related requirements apply per 120.8. Table B is not editable by the user.			
Commissioning Requirements per 120.8			
01	Table F: Design Review Kickoff	120.8(d)1 and 120.8(d)2	The design review kickoff meeting establishes who will play the role of the design reviewer, the project schedule and identify owner's requirements. This meeting should be conducted during schematic design.
02	Table G: Owner's Project Requirements (OPR)	120.8(b)	This requirement does not apply.
03	Table H: Basis of Design (BOD)	120.8(c)	This requirement does not apply.
04	Table I: Design Review	120.8(d) and 120.8(e)	The design reviewer(s) reviews the construction documents for clarity, completeness, and adherence to the owner's goals. Commissioning measures must be included in the construction documents to facilitate the design review and commissioning process. For projects with >= 10,000 ft² of nonresidential conditioned floor area, the design review is for adherence with the Owner's Project Requirements (OPR) and Basis of Design (BOD). This should be conducted during design.
05	Table J: Commissioning Plan	120.8(f)	This requirement does not apply.
06	Table K: Functional Performance Testing	120.8(g)	This requirement does not apply.
07	Table L: Documentation and Training	120.8(h)	This requirement does not apply.
08	Table M: Commissioning Report	120.8(i)	This requirement does not apply.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0003 Report Generated: 2023-02-20 09:52:49

STATE OF CALIFORNIA
Nonresidential Building Commissioning
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-CXR-E
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 2 of 6)**
Project Address:		**Date Prepared:**	2023-02-20T12:52:47-05:00

C. COMPLIANCE RESULTS								
Table C will indicate if the project data input into the compliance document is compliant with commissioning requirements per 120.8. This table is not editable by the user. If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.								
01	02	03	04	05	06	07	08	09
Design Kickoff Review	Owner's Project Requirements	Basis of Design	Design Review	Commissioning Plan	Functional Performance Testing	Documentation and Training	Commissioning Report	Compliance Results
Table F	Table G	Table H	Table I	Table J	Table K	Table L	Table M	
Yes			Yes					COMPLIES
10	Design Reviewer(s) for the project include:			John Starlin				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.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0003 Report Generated: 2023-02-20 09:52:49

STATE OF CALIFORNIA
Nonresidential Building Commissioning
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-CXR-E
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 3 of 6)**
Project Address:		**Date Prepared:**	2023-02-20T12:52:47-05:00

F. DESIGN REVIEW KICKOFF MEETING					
This table indicates that the design reviewer meets the qualification requirements per Title 24, Part 1 Section 10-103(a)1 and demonstrates compliance with design review kickoff requirements per 120.8(d)2. This meeting should occur during the Schematic Design phase of the project.					
Design Review Kickoff Meeting Details					
01	Date of Design Review Kickoff Meeting			2022-12-05	
02	Meeting Attendees: (one person may play multiple roles)				
☒	Owner/Facility Manager:	Ryan McIntosh	☒ Design Reviewer(s):	John Starlin	
☐	Project Manager:		☐ Design Architect/ Engineer(s):		
☐	Contractor:		☐ Certified Acceptance Test Tech(s):		
☐	Commissioning Provider:		☒ Energy/ 724 Part 6 Consultant:	John Starlin	
Design Reviewer Qualifications per Title 24 Part 1 Section 10-103(a)1					
The design reviewer(s) must be licensed professional engineers or licensed architects, or licensed contractors representing services performed by or under the direct supervision of a licensed engineer or architect, as specified in the provisions of Division 3 of the Business and Professions Code.				Do the Design Reviewer(s) meet these qualifications?	
				Yes	No
03	In addition, for buildings with < 10,000 ft², the design reviewer(s) may be the engineer or architect of record. The design reviewer(s) may also be a qualified in-house engineer or architect with no other project involvement or a third party engineer, architect or contractor.			◉	○
04	The design reviewer(s) for this project will be:			John Starlin	
Preliminary Construction Schedule					
			Start Date	**Completion Date**	
05	Schematic Design		2022-12-05	2022-12-05	
06	Design Development		2022-12-05	2022-12-05	
07	Construction Documents		2022-12-05	2023-02-24	
08	Construction		2024-01-01	2024-01-01	
09	Building Turnover		2024-01-01	2024-01-01	
Project Goals Related to Energy Efficiency					
10	Operational Costs	Code Minimum performance			
11	Desired Building Lifespan	30 - 50 years.			
12	Equipment Lifecycle	Industry standard			
13	Project Energy Efficiency Goals	Code Minimum performance			

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0003 Report Generated: 2023-02-20 09:52:49

STATE OF CALIFORNIA
Nonresidential Building Commissioning
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-CXR-E
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 4 of 6)**
Project Address:		**Date Prepared:**	2023-02-20T12:52:47-05:00

F. DESIGN REVIEW KICKOFF MEETING	
14 Envelope Goals	Code minimum performance.
15 HVAC System Goals	This Requirement does not apply.
16 Indoor Lighting System Goals	Code minimum performance.
17 Outdoor Lighting System Goals	Code minimum performance.
18 Water Heating System Goals	Code minimum performance.
19 Equipment and System Specifications	Industry standard equipment.
20 Operations and Maintenance	No specific requirements.

G. OWNER'S PROJECT REQUIREMENTS (OPR)
This section does not apply to this project.

H. BASIS OF DESIGN (BOD)
This section does not apply to this project.

I. CONSTRUCTION DOCUMENT DESIGN REVIEW CHECKLIST			
This table is only completed if a design review document is not attached to permit application to demonstrate compliance with 120.8(b) and 120.8(e). For buildings with >= 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the Owner's Project Requirements (Table G.) and the Basis of Design Documents (Table H.). For buildings with < 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the goals documented in Table F. during the Design Review Kickoff.			
01	Attaching Completed Design Review Documentation?	YES	NO
		○	◉
Design Review Checklist			
02	Envelope Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.	
03	HVAC System Design	This Requirement does not apply.	
04	HVAC Controls Design	This Requirement does not apply.	
05	Indoor Lighting System Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.	
06	Indoor Lighting Controls Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.	

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0003 Report Generated: 2023-02-20 09:52:49

CERTIFICATE OF COMPLIANCE, NONRESIDENTIAL BUILDING COMMISSIONING

STATE OF CALIFORNIA
Nonresidential Building Commissioning
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-CXR-E
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 5 of 6)**
Project Address:		**Date Prepared:**	2023-02-20T12:52:47-05:00

I. CONSTRUCTION DOCUMENT DESIGN REVIEW CHECKLIST		
07	Outdoor Lighting System and Controls Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
08	Water Heating System Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
09	Other Systems and Features	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.

J. COMMISSIONING PLAN
This section does not apply to this project.

K. FUNCTIONAL PERFORMANCE TESTING
This section does not apply to this project.

L. DOCUMENTATION AND TRAINING
This section does not apply to this project.

M. COMMISSIONING REPORT
This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
There are no forms required for this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0003 Report Generated: 2023-02-20 09:52:49

STATE OF CALIFORNIA
Nonresidential Building Commissioning
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-CXR-E
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 6 of 6)**
Project Address:		**Date Prepared:**	2023-02-20T12:52:47-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name: Ryan McIntosh	Documentation Author Signature:
Company: Silver Creek Industries, LLC	Signature Date: 02-20-2023
Address: 2830 Barrett Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931
RESPONSIBLE PERSON'S DECLARATION STATEMENT	
I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.	
Responsible Designer Name: John Starlin	Responsible Designer Signature:
Company: Silver Creek Industries, LLC	Date Signed: 02-20-2023
Address: 2830 Barrett Ave	License: 2475
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0003 Report Generated: 2023-02-20 09:52:49

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-ELC-E
This document is used to demonstrate compliance with mandatory requirements in 130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and 160.6 and 160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per 141.0(a) or 141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per 180.1(a) or 180.2 (b)4bvii			
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 1 of 6)**
Project Address:		**Date Prepared:**	2023-02-20T12:56:05-05:00

A. GENERAL INFORMATION					
01	Project Location (city)	NA	02	Climate Zone	10
			03	Occupancy Types Within Project:	School or ClassroomSupport Areas

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)[1]	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
Site feeder	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 130.5/ 160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐
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.						
[1] If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.						
[2] Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.						

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0004 Report Generated: 2023-02-20 09:56:06

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-ELC-E
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 2 of 4)**
Project Address:		**Date Prepared:**	2023-02-20T12:56:05-05:00

C. COMPLIANCE RESULTS									
Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.									
01		02		03		04	05	06	
Service Electrical Metering 130.5(a)/ 160.6(a) (See Table F)	AND	Separation for Monitoring 130.5(b)/ 160.6(b) (See Table G)	AND	Voltage Drop 130.5(c)/ 160.6(c) (See Table H)	AND	Controlled Receptacles 130.5(d)/ 160.6(d) (See Table I)	Electric Ready 160.9 (See Table J)	**Compliance Results**	
	AND		AND	Yes	AND			COMPLIES	

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

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

H. VOLTAGE DROP					
This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with 130.5(c)/ 160.6(c). For alterations, only the altered circuits must demonstrate compliance per 141.0(b)2Pii/ 180.2(b)4bvii.					
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
Site feeder	☒ Voltage drop less than 5%	☐ Permitted by CA Elec Code (Exception to 130.5(c))*	Contractor Responsible		☐ / ☐
** 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".					

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0004 Report Generated: 2023-02-20 09:56:06

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-ELC-E
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 3 of 4)**
Project Address:		**Date Prepared:**	2023-02-20T12:56:05-05:00

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Form/Title
NRCI-ELC-E - Must be submitted for all buildings

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0004 Report Generated: 2023-02-20 09:56:06

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-ELC-E
Project Name:	40 Toilet PC-12x40	**Report Page:**	**(Page 4 of 4)**
Project Address:		**Date Prepared:**	2023-02-20T12:56:05-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name: Ryan McIntosh	Documentation Author Signature:
Company: Silver Creek Industries, LLC	Signature Date: 02-20-2023
Address: 2830 Barrett Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931
RESPONSIBLE PERSON'S DECLARATION STATEMENT	
I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.	
Responsible Designer Name: John Starlin	Responsible Designer Signature:
Company: Silver Creek Industries, LLC	Date Signed: 02-20-2023
Address: 2830 Barrett Ave	License: 2475
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: Energy Code Ace Compliance ID: 90302-0223-0004 Report Generated: 2023-02-20 09:56:06

CERTIFICATE OF COMPLIANCE, ELECTRICAL POWER DISTRIBUTION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

CERTIFICATE OF COMPLIANCE FORMS

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

~~APPROVED~~
~~DIV. OF THE STATE ARCHITECT~~
~~APP: 04-122000 PC~~
~~REVIEWED FOR~~
~~SS ☑ FLS ☑ ACS ☑ CG ☑~~
~~DATE: 09/25/2023~~
~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLIN 2475 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

A-0.6A

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 1 of 8)
Project Address:		Date Prepared:	2023-02-20T17:55:05-05:00

A. GENERAL INFORMATION

01	Project Location (city)	NA	04	Total Illuminated Hardscape Area (ft²)	200
02	Climate Zone	10			
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-3: 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				
● School or Classroom ● 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)2I, / 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 C. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 2 of 8)
Project Address:		Date Prepared:	2023-02-20T17:55:05-05:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2I, / 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**
272.2	+	38	+	---	+	---	+	---	OR	---	=	310.2	≥ 120	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.

Selections made in Certificates of Installation Table have been changed by the permit applicant. See Table E. Additional Remarks for permit applicant's explanation.

E. ADDITIONAL REMARKS

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

(NRCI-LTO-01-E Explanation) 1

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 3 of 8)
Project Address:		Date Prepared:	2023-02-20T17:55:05-05:00

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2I 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
F-1	LED Wallpack	☐ Linear	30	Mfr. Spec	4	New	☐	120	NA; < 6200 lumens	☐	☐
							Total Design Watts:	120			

* 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.

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 4 of 8)
Project Address:		Date Prepared:	2023-02-20T17:55:05-05:00

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector	
				Pass	Fail
Entry; "F-1"	Photocontrol	Provided	NA: Facade, etc. >=24 ft	☐	☐

[1] *FOOTNOTE: Text has been abbreviated, please refer to Table 160.5.4 to confirm compliance with the specific light source technologies listed.*

[2] *Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*

[3] *Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 5 of 8)
Project Address:		Date Prepared:	2023-02-20T17:55:05-05:00

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-A while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

	01					
	☒ General Hardscape Allowance Table I (below)	"Use it or lose it" Allowance (select all that apply) (select all that apply)				
		☒ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☐ Per Specific Area Table M	

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
	Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
Entry	200	0.021	4.2	90	0.2	18	22.2
				Initial Wattage Allowance for Entire Site (Watts):			250
				Instances of Initial Wattage Allowance (LZ 0 only)[1]			
				Total General Hardscape Allowance (Watts):			272.2

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	
Entry Door	Building Entrance/Exit	2	19	38	F-1	30	4	120	38
					Total Design Watts for this Area:			120	
					Total Allowance (Watts) All Areas:				38

[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 DT is W/ft 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.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 6 of 8)
Project Address:		Date Prepared:	2023-02-20T17:55:05-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name:	Documentation Author Signature:
Ryan McIntosh	
Company:	Signature Date:
Silver Creek Industries, LLC	02-20-2023
Address: 2830 Barrett Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

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

Responsible Designer Name: John Starin	Responsible Designer Signature:
Company: Silver Creek Industries, LLC	Date Signed: 02-20-2023
Address: 2830 Barrett Ave	License: 2475
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 7 of 8)
Project Address:		Date Prepared:	2023-02-20T17:55:05-05:00

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

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.	Entry; "F-1"

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 8 of 8)
Project Address:		Date Prepared:	2023-02-20T17:55:05-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name:	Documentation Author Signature:
Ryan McIntosh	
Company:	Signature Date:
Silver Creek Industries, LLC	02-20-2023
Address: 2830 Barrett Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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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.
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Responsible Designer Name: John Starin	Responsible Designer Signature:
Company: Silver Creek Industries, LLC	Date Signed: 02-20-2023
Address: 2830 Barrett Ave	License: 2475
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931

CERTIFICATE OF COMPLIANCE, OUTDOOR LIGHTING

STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-PLB-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 1 of 6)
Project Address:		Date Prepared:	2023-02-20T13:48:22-05:00

This document is used to demonstrate compliance for nonresidential occupancies with requirements in 110.1, 110.3, 120.3, and 140.5, and with requirements in 141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in 110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for additions and 180.2 for alterations.

A. GENERAL INFORMATION

01	Project Location (city)	NA	02	Climate Zone	10
03	Occupancy Types Within Project (select all that apply):				
● School or Classroom ● Support Areas					

B. PROJECT SCOPE

This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in 140.7 / 170.2(d) and 141.0(b)/ 180.1, or 141.0(b)2N / 180.2 for additions or alterations. Solar water heating systems are documented on the NRCC-SAB compliance document. Combined hydronic water heating systems are documented on the NRCC-MCH compliance document.

01	02	03	
My project consists of (check all that apply):	System Type[1,2]	System Components	
☒ New system (DHW system being installed for the first time in newly constructed building)	Individual System (serving nonresidential spaces)	☒ Equipment	☒ Distribution ☒ Controls
☐ System Alteration (equipment, distribution or controls)		☐ Equipment	☐ Distribution ☐ Controls

[1] *FOOTNOTES: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.*
[2] *Dwelling units refers to hotel/motel guest rooms and units in a multifamily residential occupancy.*
[3] *DHW systems serving 2 or more dwelling units are considered "Central Systems" for multifamily occupancies*

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. or the table indicated as not compliant for guidance.

01	02	03	04
Domestic Hot Water Equipment	Distribution Systems	Controls	**Compliance Results**
Table F	Table G	Table H	
Yes	Yes	Yes	COMPLIES

D. EXCEPTIONAL CONDITIONS

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

STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-PLB-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 2 of 6)
Project Address:		Date Prepared:	2023-02-20T13:48:22-05:00

E. ADDITIONAL REMARKS

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

F. DOMESTIC HOT WATER EQUIPMENT

This table is used to demonstrate compliance with mandatory equipment requirements in 110.1 and 110.3. Compliance with prescriptive requirements in 140.5(c) / 170.2(d) must also be demonstrated and with 141.0 / 180.1/ 180.2 for addition and alteration scopes.

Equipment Schedule: Water Heating Efficiency and Standby Loss

03	04	05		06		
System Name	WH-1	Exception to 140.5(c)/ 170.2(d)3	Exceptions Do Not Apply	☐	Gas Service Water Heating System >= 1kMBtu/h[1]	Capacity-weighted Average Efficiency %
			☒			

07	08	09	10		11	12	13	14	15
Name or Item Tag	Equipment Type	Volume (gal)	Rated Input Capacity (Btu/h)	Max GPM/ First Hour Rating (FHR)	Rated Efficiency	Minimum Efficiency Required	Efficiency Unit	Designed Standby Loss	Maximum Standby Loss
WH-1	Consumer Rated Electric Instantaneous (<=12kW)	<=2	10,264	0 <= GPM <1.7	0.91	0.91	UEF		

[1] *FOOTNOTE: In systems >= 1MMBtu/h with multiple units, gas water heaters with input capacity > 100,000 Btu/h may meet 90% Et requirements via an input capacity-weighted average.*

Water Heating Equipment All Occupancies

	Yes	No	Not Applicable	Requirement
18	☐	☐	☒	Unfired storage tank insulation shall have Internal + External >=R-16 OR External >=R-3.5. Label required per 110.3(c)3
19	☐	☐	☒	New state buildings 60% of energy for service water heating from site solar energy or recovered energy per 110.3(c)5
20	☐	☐	☒	Isolation valves for instantaneous water heater with input rating >6.8 kBTUH or 2 kW has been specified per 110.3(c)6
21	☐	☐	☒	School buildings < 25,000 ft² and < 4 stories must install a heat pump water heating system per 140.5(a)1. Water heating systems serving an individual bathroom space may be an instantaneous electric water heater.

STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-PLB-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 3 of 6)
Project Address:		Date Prepared:	2023-02-20T13:48:22-05:00

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in 120.3 and 140.5. For multifamily and hotel/motel occupancies, compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(d).

Mandatory Pipe Insulation All Occupancies

13	☐	For systems serving dwelling units, pipe insulation must meet the minimum insulation requirements in Table 160.4-A (see blow) except: • Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates metal framing shall use grommets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall abut securely against all framing members • Piping installed in interior or exterior walls shall not be required to have pipe insulation if all of the requirements are met for compliance with Quality Insulation Installation (QII) as specified in the Reference Residential Appendix RA3.5. • Piping surrounded with a minimum of 1 inch of wall insulation, 2 inches of crawlspace insulation, or 4 inches of attic insulation, shall not be required to have pipe insulation.
14	☒	For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per 120.3: • Recirculating system piping, including supply and return piping of the water heater • The first 8 ft of hot and cold outlet piping, including between storage tank and heat trap, for a nonrecirculating storage system • Pipes that are externally heated
15	☒	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service per 120.3(h) / 160.4(f). Pipe insulation buried below grade must be installed in a water proof and non-crushable casing or sleeve.

TABLE 120.3-A / 160.4-A PIPE INSULATION THICKNESS

Fluid Temperature Range (°F)	Conductivity Range (Btu-in per hour per ft² per °F)	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)			
			< 1	1 to < 1.5	1.5 to < 4	1.5 to < 4 Multifamily & Hotel/Motel
			Minimum Insulation Required			
105-140	0.22 - 0.28	100	1.0 in or R-7.7	1.5 in or R-12.5	1.5 in or R-11	2.0 in or R-16

STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-PLB-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 4 of 6)
Project Address:		Date Prepared:	2023-02-20T13:48:22-05:00

H. DOMESTIC HOT WATER CONTROLS

This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).

	Yes	No	Not Applicable	Requirement
01	☒	☐	☐	Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a).
02	☐	☐	☒	Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0.
03	☐	☐	☒	Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per §110.3(c)2 unless systems serves healthcare facility.
04	☐	☐	☒	For recirculation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions.
05	☐	☐	☒	For recirculation systems serving individual dwelling units, design includes manual on/off controls as specified in Reference Appendix RA4.4.9 per 170.2(d).
06	☐	☐	☒	Combustion air positive shut-off shall be provided per 160.4(3).on all newly installed commercial boilers as follows: • Boilers with input capacity >= 2.5 MMBtu/h, in which the boiler is designed to operate with a nonpositive vent static pressure • Boilers where one stack serves two or more boilers with a total combined input capacity per stack of 2.5 MMBtu/h.
07	☐	☐	☒	Boiler combustion air fans with motor >= 10 hp shall meet one of the following • The fan motor shall be driven by a variable speed drive OR • The fan motor shall include controls that limit the fan motor demand to <=30% of the total design wattage at 50% of the design air volume.
08	☐	☐	☒	Newly installed boilers with an input capacity (dgte/) 5MMBtu/h and a steady state full-load combustion efficiency < 90% shall maintain excess (stack-gas) oxygen concentrations <= 5% by volume on a dry basis over firing rates of 20-100%. Combustion air volume shall be controlled with respect to firing rate or flue gas oxygen concentration. Use of a common gas and combustion air control linkage or jack shaft is prohibited.

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Form/Title
NRCI-PLB-E - Must be submitted for all buildings

STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-PLB-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 5 of 6)
Project Address:		Date Prepared:	2023-02-20T13:48:22-05:00

J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no forms required for this project.

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no forms required for this project.

STATE OF CALIFORNIA
Domestic Water Heating System CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-PLB-E
Project Name:	40 Toilet PC-12x40	Report Page:	(Page 6 of 6)
Project Address:		Date Prepared:	2023-02-20T13:48:22-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name:	Documentation Author Signature:
Ryan McIntosh	
Company:	Signature Date:
Silver Creek Industries, LLC	02-20-2023
Address: 2830 Barrett Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931

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Responsible Designer Name: John Starin	Responsible Designer Signature:
Company: Silver Creek Industries, LLC	Date Signed: 02-20-2023
Address: 2830 Barrett Ave	License: 2475
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53931

Registration Number: | Generated Date/Time: | Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance | Report Version

STATE OF CALIFORNIA
Solar And Battery CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-SAB-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 1 of 7)
Project Address:		Date Prepared: 2023-02-20T14:17:32-05:00

This document is used to demonstrate compliance with prescriptive PV and battery requirements in 140.10/ 170.2 for nonresidential, multifamily and mixed-use buildings and prescriptive solar thermal requirements in 170.2(d)3C for multifamily and hotel/ motel occupancies. When PV/battery/solar thermal requirements don't apply or are traded using the performance approach, this document demonstrates compliance with mandatory solar readiness requirements in 110.10/ 160.8 for newly constructed buildings which are either multifamily ten stories or fewer, hotel/motel ten stories or fewer or all other nonresidential buildings three stories or fewer. It is also used to demonstrate compliance with solar readiness in 110.10/ 160.8 for additions to nonresidential, multifamily or hotel/motel building types which add more than 2,000 ft² of roof area. Alterations, or additions of less than 2,000 ft² of roof area, are not required to comply with solar readiness, solar PV and battery requirements and do not need to complete this document.

A. GENERAL INFORMATION

01	Project Location (city)	NA	04	Building Occupancies	School or ClassroomSupport Areas
02	Climate Zone	10	05	Construction Type	New construction
03	Conditioned Floor Area (ft²)	0	06	Number of Stories	Bldg <= 3 stories

B. PROJECT SCOPE

The compliance path the project is using to comply per 110.10(b)1B/ 140.10/ 170.2(g and h) is indicated below.

Compliance with Solar Readiness Requirements in 110.10(b)1B

01		
☒	Provide Solar Ready Area no exceptions	The project has allocated a solar zone on the roof plan per requirements in §110.10(b), as documented in Table F.
☐	Exception to Solar Ready Area: Installed Solar photovoltaic System	The project includes a permanently installed solar electric system having a nameplate DC power rating, measured under Standard Test Conditions, of no less than one watt per square foot of roof area as documented in Table G.
☐	Exception to Solar Ready Area: Installed Solar Water Heating System	The project is a hotel/motel or high-rise multifamily occupancy and includes a permanently installed domestic solar water-heating system complying with 170.2(d)3C and Reference Residential Appendix RA4, as documented in Table H.
☐	Exception to Solar Ready Area: Smart Thermostat and Alternative Energy Efficiency Measure	The project is a multifamily occupancy where all thermostats in each dwelling unit comply with §110.12(a) AND at least one additional measure listed in Exception 4 to §110.10(b)1B is installed, as documented in Table I.
☐	Exception to Solar Ready Area: Roof is designed for vehicular traffic, parking or for heliport	Plan sheet showing roof designed for vehicular traffic, parking or heliport
☐	Exception to Solar Ready Area: Roof too small	The project is new construction and has a total roof area <= 533 square feet[1]
☐	Exception to Solar Ready Area: Number of building stories	The project is nonresidential > 3 stories or multifamily/ hotel/motel > 10 stories.

[1]FOOTNOTE: Buildings with roof area <=533 ft² would have a required solar zone < 80 ft² and are therefore exempt per 110.10(b)1.

STATE OF CALIFORNIA
Solar And Battery CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-SAB-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 2 of 7)
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Compliance with Solar Photovoltaic (PV) and Battery Requirements in 140.10/ 170.2(g and h)

01		
☐	Provided PV system and battery storage sized per 140.10/ 170.2 (g and h)	The project has included an installed PV system and battery storage system per requirements in 140.10/ 170.2(g and h) as documented in Table J.
☐	Exception to PV and Battery: Not enough Solar Access Roof Area	The total of all available Solar Access Roof Area(s) of the project site is less than three percent of the conditioned floor area as documented in Table J.
☒	Exception to PV and Battery: Required PV < 4kW	The required PV system size is less than 4 kW dc as documented in Table J.
☐	Exception to PV and Battery: No contiguous Solar Access Roof Area	The Solar Access Roof Area(s) of the project site contains less than 80 contiguous square feet as documented in Table J.
☐	Exception to PV and Battery: Can't meet snow load	The project has a roof design where the enforcement authority has verified it is not possible for the PV system, including panels, modules, components, supports, and attachments to the roof structure, to meet ASCE 7-16 Chapter 7, Snow Loads.
☐	Exception to PV and Battery: Multi-tenant without VNEM or Community Solar	The project is a multi-tenant building in an area where a load serving entity does not provide either a Virtual Net Metering (VNEM) or community solar program.
☐	The prescriptive PV/battery requirement has been traded off using the performance compliance approach as documented on the PRF Certificate of Compliance form.	The project is a multi-tenant building in an area where a load serving entity does not provide either a Virtual Net Metering (VNEM) or community solar program.

Compliance with Solar Thermal Water Heating Requirements in 170.2(d)3C (Multifamily and hotel/ motel occupancies only)

01		
☐	The project includes a hotel/motel or multifamily occupancy with a gas or propane central water-heating system (serves 2+ dwelling units) and includes a permanently installed domestic solar water-heating system to comply with 170.2(d)3C and Reference Residential Appendix RA4, as documented in Table H. Compliance meets Exception 2 to solar ready requirements in 110.10(b).	

STATE OF CALIFORNIA
Solar And Battery CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-SAB-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 3 of 7)
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C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D for guidance or see the applicable Table referenced below.

Allocated Solar Zone				Installed PV System				Installed SWH System				Smart Tstat and Alternative EE Measure			Compliance Results
01		02		03		04		05		06		07	08		
Required Minimum Area (ft²)	<=	Designated Area (ft²)	OR	Required Minimum DC Power Rating (Watts)	<=	Designed DC Power Rating (Watts)	OR	Required Minimum Solar Savings Fraction	<=	Designed/Rated Solar Savings Fraction	OR	JA5 Compliant Thermostat Specified?	Alternative Energy Efficiency Measure	OR	COMPLIES
(See Table F)				(See Tables G or I)				(See Table H)				(See Table I)			
85.5	<=	89	OR	0	<=	0	OR		<=		OR				
N/A				Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/ plumbing to the electrical service/ water heating system per §110.10(b)1.											COMPLIES
Battery storage system design meets the minimum requirements in Joint Appendix JA12 and the minimum energy (kWh)/ power (kW) capacity per Table J.															Not Applicable

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

STATE OF CALIFORNIA
Solar And Battery CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-SAB-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 4 of 7)
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F. ALLOCATED SOLAR ZONE

This table is completed if the project is designating a solar zone to comply with §110.10(b)1B. New construction consider the total roof area; Additions consider newly added roof area. This table demonstrates that the project has designated the minimum area required for the Allocated Solar Zone, and also that the requirements for Solar Zone Subareas have been met. Each subarea must be shown on a roof plan or documented in construction documents. The solar zones must also comply with fire code requirements, including, but not limited to, setback and pathway requirements. Requirements for interconnection pathways must also be included in construction documents, and the location is specified in this table.

Required Minimum Solar Zone

01	02	03	04	05	06			07	08
Minimum Solar Zone Area Calculation Method	Total New or Added Roof Area (ft²)	Total New or Added Roof Area Covered with Skylights (ft²)	Minimum Solar Zone Based on Total or Added Roof Area (0.15 x (Roof-Sky)) (ft²)	Method/ Tools Used to Determine Annual Solar Access for Potential Zones	Potential Solar Zone Areas: Roof areas with >= 70% Solar Access			Minimum Solar Zone Based on Potential Zone (0.5 x (Total Potential Zone)) (ft²)	Required Minimum Solar Zone Area (ft²)
					Low-Sloped Area (<= 2:12 pitch) (ft²)	Steep-Sloped Area (> 2:12 pitch) Oriented 90° - 300° (ft²)	Total Potential Solar Zone Area (ft²)		
Total New or Added Roof Area	570	0	85.5						85.5

Designated Solar Zone Subareas

09	10	11	12	13	14	15	16	17	18	19
Subarea Name or Tag	Building Plan Reference	Roof or Overhang Slope (Low <= 2:12 pitch) (Steep > 2:12 pitch)	Is Steep-Sloped Roof or Overhang between 90 and 300 degrees?	Subarea Complies with Title 24, Part 9	Solar Zone Subarea Free of Obstructions per §110.10(b)1i ii	Subarea is Required Distance from Potential Obstructions per §110.10(b)1i ii	Is the Smallest Dimension 5 feet or greater?	Min. Area Required per Subarea (ft²)	Designated Area (ft²)	Subarea Complies?
Solar Zone	Roof plans, sheets A-3.xx	low slope		Yes	Yes	Yes	Yes	80	89	COMPLIES

CERTIFICATE OF COMPLIANCE, SOLAR READY AREAS

STATE OF CALIFORNIA
Solar And Battery CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-SAB-E
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Interconnection Pathways

Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/ plumbing to the electrical service/ water heating system per §110.10(c). — N/A

[1]FOOTNOTE: This field is used to document how the percentage of annual solar access was determined per §110.10(b)1B. Solar access is the ratio of solar insolation including shade to the solar insolation without shade. Shading from obstructions located on the roof or any other part of the building shall not be included in the determination of annual solar access.

G. PERMANENTLY INSTALLED SOLAR PV FOR SOLAR READY EXCEPTION

This section does not apply to this project.

H. PERMANENTLY INSTALLED SOLAR HOT WATER SYSTEMS

This section does not apply to this project.

I. SMART THERMOSTATS AND ALTERNATIVE EFFICIENCY MEASURE FOR SOLAR READY EXCEPTION

This section does not apply to this project.

STATE OF CALIFORNIA
Solar And Battery CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-SAB-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 6 of 7)
Project Address:		Date Prepared: 2023-02-20T14:17:32-05:00

J. PHOTOVOLTAIC (PV) AND BATTERY SYSTEMS

This table documents compliance with prescriptive photovoltaic and battery system requirements in 140.10/ 170.2(g and h). Unless the project meets one of the listed exceptions, or trades-off PV in an energy model using performance path, 140.10/ 170.2(g and h) requires installed photovoltaic and battery systems for newly constructed buildings. The installed PV systems must meet the minimum requirements in Joint Appendix J1.

Photovoltaic (PV) System

01	02	03	04	05	06	07	08
Occupancy	Conditioned Floor Area (ft²)	Area of New Roof[1] (ft²)	Roof Area + 70% Solar Access[2] (ft²)	Plansheet or Document showing Solar Access Calculations	Occupied Roof Area[3] (ft²)	Solar Access Roof Area (SARA) (ft²)	Min Size of PV System Required (kWdc)
School or Classroom	0	570	0	Roof plans sheets A-3.xx	0	570	0
				Total Min Size PV System Required for all Spaces (kWdc):			0
				Total Size PV System in Design (kWdc):			0

[1]FOOTNOTES: Includes the area of the building's roof space capable of structurally supporting a PV system and the area of all roof space on covered parking areas, carports, and all other newly constructed structures on the site that are compatible with supporting a PV system per Title 24, Part 2 Section 1511.2.
[2]Solar access must be determined using CEC approved solar access calculation tools found at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/solar-assessment-tools.
[3]As specified by CBC Section 503.1.4.

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Form/Title
NRCI-SAB-01-E - Must be submitted for all buildings that must comply with solar readiness or PV/Battery requirements.

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no forms required for this project.

STATE OF CALIFORNIA
Solar And Battery CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-SAB-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 7 of 7)
Project Address:		Date Prepared: 2023-02-20T14:17:32-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name:	Documentation Author Signature:
Ryan McIntosh	
Company: Silver Creek Industries, LLC	Signature Date: 02-20-2023
Address: 2830 Barrett Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53031

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

Responsible Designer Name: John Starlin	Responsible Designer Signature:
Company: Silver Creek Industries, LLC	Date Signed: 02-20-2023
Address: 2830 Barrett Ave	License: 2475
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53031

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 1 of 7)
Project Address:		Date Prepared: 2023-02-20T12:26:35-05:00

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 dormitary and senior living facilities.

A. GENERAL INFORMATION

01	Project Location (city)	NA	04	Total Conditioned Floor Area (ft²)	0
02	Climate Zone	10	05	Total Unconditioned Floor Area (ft²)	480
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	1
▪ Support Areas					

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	N/A	0	Complete Building Method	480
☐ New Lighting System - Parking Garage	N/A	0	N/A	0
Total Area of Work (ft²)			480	

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 2 of 7)
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C. COMPLIANCE RESULTS

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

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)						Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)				Compliance Results
	01	02	03	04	05		06	07		08	09
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2E / 170.2(e)4Ae (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	**Total Allowed** (Watts)		Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(c)2 / 170.2(e)1B (-)	=	**Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 140.6 / 170.2(e)**
	[See Table I]	[See Table I]	[See Table J]	[See Table K]			[See Table F]	[See Table P]			
Conditioned					=				=		
Unconditioned	288				=	288	222		=	222	COMPLIES
							Controls Compliance (See Table H for Details)				COMPLIES
							Rated Power Reduction Compliance (See Table Q for Details)				

D. EXCEPTIONAL CONDITIONS

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

E. ADDITIONAL REMARKS

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

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 3 of 7)
Project Address:		Date Prepared: 2023-02-20T12:26:35-05:00

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: Unconditioned 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
F-1	Lay-in LED Fixture	No	NA	37	MfrSpec	8	No	222	☐	☐
					Total Designed Watts: UNCONDITIONED SPACES			222		

[1]FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75%, /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.
[2]Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

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

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
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Project Address:		Date Prepared: 2023-02-20T12:26:35-05:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.4(e)1/ 170.2(e)2A	Field Inspector	
								Pass	Fail
Restroom	School or Classroom	Auth. Personnel	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
					13				
					Plan Sheet Showing Daylit Zones:				

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

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

Unconditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
Restroom	School or Classroom	0.6	480	288	No	No
		TOTALS:	480	288	See Tables J, or P for detail	

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

INTERIOR LIGHTING COMPLIANCE FORMS

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 5 of 7)
Project Address:		Date Prepared: 2023-02-20T12:26:35-05:00

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS

This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This section does not apply to this project.

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

This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	40 Toilet PC-12x40	Report Page: (Page 6 of 7)
Project Address:		Date Prepared: 2023-02-20T12:26:35-05:00

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

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Restroom

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name:	Documentation Author Signature:
Ryan McIntosh	
Company: Silver Creek Industries, LLC	Signature Date: 02-20-2023
Address: 2830 Barrett Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53031

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

Responsible Designer Name: John Starlin	Responsible Designer Signature:
Company: Silver Creek Industries, LLC	Date Signed: 02-20-2023
Address: 2830 Barrett Ave	License: 2475
City/State/Zip: Perris/CA/92571	Phone: (951) 943-53031

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

CERTIFICATE OF COMPLIANCE FORMS

REVISIONS

1 2 3 4 5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

~~APPROVED~~
~~DIV. OF THE STATE ARCHITECT~~
~~APP: 04-122000 PC~~
~~REVIEWED FOR~~
~~SS ☑ FLS ☑ ACS ☑ CG ☑~~
~~DATE: 09/25/2023~~
~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLIN 2475 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

A-0.6C

CALIFORNIA ENERGY CODE - MANDATORY MEASURES

INTERIOR LIGHTING MANDATORY MEASURES:

- ALL LIGHTING CONTROL DEVICES AND SYSTEMS, BALLASTS, AND LUMINAIRES SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 110.9.
- ALL LUMINAIRES SHALL BE FACTORY-LABELED PER SECTION 130.0(c).
- EACH ROOM AND AREA WITH FLOOR-TO-CEILING WALLS IN THIS BUILDING SHALL BE EQUIPPED WITH MANUAL ON AND OFF LIGHTING CONTROLS PER SECTION 130.1(a).
- ALL ROOMS AND AREAS 100 SF OR GREATER AND WITH MORE THAN 0.5 WATT PER SF OF LIGHTING LOAD WITH 2 OR MORE LUMINAIRES SHALL BE CONTROLLED WITH MULTI-LEVEL SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE ROOM. CONTROL STEPS SHALL MEET REQUIREMENTS IN TABLE 130.1-A.
- PROVIDE VACANCY SENSOR OR PARTIAL-ON OCCUPANCY SENSOR IN ALL ROOMS.
- ALL GENERAL LIGHTING IN PRIMARY SIDELIT DAYLIT ZONES AND SKYLIT DAYLIT ZONES IN ENCLOSED SPACES WITH 120 WATTS, OR MORE IN COMBINED PRIMARY/SKYLIT ZONES AND 24 SF, OR MORE OF FENESTRATION, SHALL BE CONTROLLED WITH AUTOMATIC DAYLIGHTING CONTROLS PER SECTION 130.1(d).

OUTDOOR LIGHTING MANDATORY MEASURES:

- ALL LIGHTING CONTROL DEVICES AND SYSTEMS, BALLASTS, AND LUMINAIRES SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 110.9.
- ALL LUMINAIRES SHALL BE FACTORY-LABELED PER SECTION 130.0(c).
- ALL OUTDOOR LIGHTING SHALL BE OPERATED WITH CONTROLS WHICH AUTOMATICALLY TURNS OFF OUTDOOR LIGHTING WHEN DAYLIGHT IS AVAILABLE PER SECTION 130.2(c).
- ALL OUTDOOR LIGHTING SHALL BE INDEPENDENTLY CONTROLLED FROM OTHER ELECTRICAL LOADS WHICH ARE CONTROLLED BY AN AUTOMATIC SCHEDULING CONTROL PER SECTION 130.2(c).

SOLAR READY AND ELECTRICAL DISTRIBUTION MANDATORY MEASURES:

- A SOLAR ZONE SHALL BE PROVIDED ON THE ROOF OF THE BUILDING PER SECTION 110.10(b).
- A PATHWAY SHALL BE PROVIDED FROM THE SOLAR ZONE TO AN INDICATED LOCATION SUITABLE FOR THE FUTURE INSTALLATION OF INVERTERS AND METERING EQUIPMENT PER SECTION 110.10(c).
- ELECTRICAL SERVICE METERING SHALL UTILIZE A PERMANENTLY INSTALLED METERING SYSTEM PER SECTION 130.5(a).
- SEPERATION OF ELECTRICAL CIRCUITS SHALL NOT BE REQUIRED WHERE ELECTRICAL SERVICE OR FEEDER IS RATED AT 50 KVA OR LESS PER SECTION 130.5(b).
- THE VOLTAGE DROP TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5% PER SECTION 130.5(c).

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

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

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

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

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

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

CONSTRUCTION WASTE MANAGEMENT PLAN

A. DEFINITIONS
1. CONSTRUCTION AND DEMOLITION (C&D) WASTE: INCLUDES ALL NON-HAZARDOUS SOLID WASTES RESULTING FROM CONSTRUCTION, REMODELING, ALTERATIONS, REPAIR, AND DEMOLITION. INCLUDES MATERIAL THAT IS RECYCLED, REUSED, SALVAGED OR DISPOSED AS GARBAGE.
2. RECYCLING: THE PROCESS OF SORTING, CLEANING, TREATING, AND RECONSTITUTING MATERIALS FOR THE PURPOSE OF USING THE MATERIAL IN THE MANUFACTURE OF A NEW PRODUCT.
3. CO-MINGLED C&D RECYCLING: THE PROCESS OF COLLECTING MIXED RECYCLABLE MATERIALS IN ONE CONTAINER ON-SITE. THE CONTAINER IS TAKEN TO A MATERIAL RECOVERY FACILITY WHERE MATERIALS ARE SEPARATED FOR RECYCLING.

B. PERFORMANCE REQUIREMENTS
1. GENERAL: WASTE MATERIAL GENERATED DURING PROJECTS SHALL BE RECYCLED OR REUSED WHENEVER PRACTICABLE. DIVERT A MINIMUM OF 90% C&D WASTE, BY WEIGHT, FROM THE LANDFILL BY A CO-MINGLED C&D RECYCLING FACILITY.
   I. C&D WASTE MATERIALS THAT SHALL BE SALVAGED, REUSED OR RECYCLED INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
   CONCRETE, METALS, WINDOW GLASS, WOOD, GYPSUM BOARD, CARPETING AND PAD, CEILING TILES

C. QUALITY ASSURANCE
1. PRECONSTRUCTION CONFERENCE: REVIEW METHODS AND PROCEDURES RELATED TO WASTE MANAGEMENT INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
   I. REVIEW AND DISCUSS WASTE MANAGEMENT PLAN INCLUDING RESPONSIBILITIES OF WASTE MANAGEMENT COORDINATOR.
   II. REVIEW REQUIREMENTS FOR DOCUMENTING QUANTITIES OF EACH TYPE OF MATERIALS THAT WILL BE SALVAGED, RECYCLED OR DISPOSED OF AS WASTE.
   III. REVIEW PROCEDURES FOR PERIODIC WASTE COLLECTION AND TRANSPORTATION TO RECYCLING AND DISPOSAL FACILITIES.
   IV. REVIEW WASTE MANAGEMENT REQUIREMENTS FOR EACH TRADE.

D. WASTE MANAGEMENT PLAN
1. INDENTIFY AND CONTRACT WITH A WASTE MANAGEMENT SERVICES PROVIDER OR ASSIGN RESPONSIBILITY TO INHOUSE WASTE MANAGEMENT PROJECT ADMINISTRATOR
2. RESPONSIBLE PARTY SHALL DEVELOP AND PROVIDE A PLAN WHICH INCLUDES THE FOLLOWING INFORMATION:
   I. TYPES OF C&D WASTE EXPECTED TO BE GENERATED DURING DEMOLITION AND CONSTRUCTION.
   II. PROPOSED METHODS FOR C&D WASTE SALVAGE, REUSE, RECYCLING AND DISPOSAL.
   III. PROPOSED METHODS FOR SALVAGE, REUSE, RECYCLING AND DISPOSAL DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, ONE OR MORE OF THE FOLLOWING:
      A. REQUIRING SUBCONTRACTORS TO TAKE THEIR C&D WASTE TO A RECYCLING FACILITY,
      B. CONTRACTING WITH A RECYCLING HAULER TO HAUL RECYCLABLE C&D WASTE TO AN APPROVED RECYCLING OR MATERIAL RECOVERY FACILITY,
      C. PROCESSING AND REUSING MATERIALS ON-SITE

E. WASTE MANAGEMENT REPORT
1. WASTE MANAGEMENT SERVICES PROVIDER OR ADMINISTRATOR SHALL SUBMIT A CUMULATIVE WASTE MANAGEMENT REPORT ON A REGULAR BASIS WHICH INCLUDES:
   I. A RECORD OF THE TYPE AND QUANTITY, BY WEIGHT, OF EACH MATERIAL SALVAGED, REUSED, RECYCLED OR DISPOSED.
   II. TOTAL QUANTITY OF WASTE RECYCLED AS A PERCENTAGE OF TOTAL WASTE.
   III. DISPOSAL RECEIPTS: COPY OF RECEIPTS ISSUED BY A DISPOSAL FACILITY FOR C&D WASTE THAT IS DISPOSED IN A LANDFILL.
   IV. RECYCLING RECEIPTS: COPY OF RECEIPTS ISSUED BY APPROVED RECYCLING FACILITIES FOR COMINGLED MATERIALS. INCLUDE WEIGHT TICKETS FROM THE RECYCLING HAULER OR MATERIAL RECOVERY FACILITY AND VERIFICATION OF THE RECYCLING RATE FOR CO-MINGLED LOADS AT THE FACILITY.
   V. SALVAGED MATERIALS DOCUMENTATION: TYPES AND QUANTITIES, BY WEIGHT, FOR MATERIALS SALVAGED FOR REUSE ON SITE, SOLD OR DONATED TO A THIRD PARTY.

F. CONSTRUCTION WASTE MANAGEMENT, GENERAL REQUIREMENTS
1. USE DETAILED MATERIAL ESTIMATES TO REDUCE RISK OF UNPLARMED AND POTENTIALLY WASTEFUL CUTS.
2. TO THE GREATEST EXTENT POSSIBLE, INCLUDE IN MATERIAL PURCHASING AGREEMENTS A WASTE REDUCTION PROVISION REQUESTING THAT MATERIALS AND EQUIPMENT BE DELIVERED IN PACKAGING MADE OF RECYCLABLE MATERIAL, THAT THEY REDUCE THE AMOUNT OF PACKAGING, THAT PACKAGING BE TAKEN BACK FOR REUSE OR RECYCLING, AND TO TAKE BACK ALL UNUSED PRODUCT. INSURE THAT SUBCONTRACTORS REQUIRE THE SAME PROVISIONS IN THEIR PURCHASE AGREEMENTS.
3. CONDUCT REGULAR VISUAL INSPECTIONS OF DUMPSTERS AND RECYCLING BINS TO REMOVE CONTAMINANTS.
4. A MINIMUM OF 65% (BY WEIGHT) OF THE NON-HAZARDOUS CONSTRUCTION WASTE SHALL BE RECYCLED AND/OR SALVAGED FOR REUSE.
5. CONSTRUCTION WASTE MATERIALS SHALL BE COLLECTED IN CO-MINGLED CONTAINERS EXCEPT STEEL AND WOOD SHALL BE COLLECTED SEPARATELY.
6. CONSTRUCTION WASTE SHALL BE HAULED, SEPARATED, AND MEASURED BY CR+R (OR AN EQUAL WASTE MANAGEMENT COMPANY). A REPORT SHALL BE PROVIDED INDICATING THE DIVERSION RATE (BY VOLUME).

G. REMOVAL OF CONSTRUCTION WASTE MATERIALS, GENERAL REQUIREMENTS
1. REMOVE C&D WASTE MATERIALS FROM PROJECT SITE ON A REGULAR BASIS. DO NOT ALLOW C&D WASTE TO ACCUMULATE ON-SITE.
2. TRANSPORT C&D WASTE MATERIALS OFF PROPERTY AND LEGALLY DISPOSE OF THEM.
3. BURNING OF C&D WASTE IS NOT PERMITTED.

IEQ PLAN

A. CONSTRUCTION PHASE:
1. NOT USED
2. PROTECTION OF MATERIALS
   I. ALL BUILDING MATERIALS SHALL BE PROTECTED FROM WEATHER AND OTHER MOISTURE SOURCES WHEN RECOMMEND BY THE MANUFACTURER.
   II. ANY POROUS MATERIAL WITH VISIBLE MICROBIAL GROWTH SHALL NOT BE INSTALLED.
   III. ANY OTHER MATERIAL WITH VISIBLE MICROBIAL GROWTH SHALL BE THOROUGHLY CLEAN AND DECONTAMINATED PRIOR TO INSTALLATION.
3. PROTECTION OF INTERIOR ENVIRONMENT
   I. WHENEVER POSSIBLE ALL SANDING, CUTTING GRINDING OR OTHER ACTIVITIES WHICH WILL GENERATE AIRBORNE PARTICLES SHALL BE PERFORMED AWAY FROM THE BUILDING.
   II. WHERE AIRBORNE PARTICLE GENERATING ACTIVITIES CANNOT BE PERFORMED AWAY FROM THE BUILDING PROTECTIVE MEASURES SHALL BE TAKE TO SEAL INTERIOR AREAS TO REDUCE OR ELIMINATE PARTICLE TRANSFER.
   III. ANY TEMPORARILY UNFILLED EXTERIOR OPENINGS SHALL BE PROTECTED WITH PLASTIC SHEETING, OR OTHER BARRIER, TO PREVENT THE MOISTURE AND OTHER CONTAMINANTS FROM ENTERING THE BUILDING.
   IV. ALL WELDING SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF EXTERIOR WALLS WHEREVER POSSIBLE.
4. DUCT SYSTEM CONSTRUCTION
   I. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED PER THE SMACNA HV AC DUCT CONSTRUCTION STANDARDS FOR METAL AND FLEXIBLE DUCTWORK.
   II. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED PER THE SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS.
   III. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED NFPA 90A & NFPA 90B.
   IV. ONCE INSTALLED ALL OPEN DUCTS AND REGISTERS SHALL BE PROTECTED WITH PLASTIC SHEETING, OR OTHER BARRIER, UNTIL THE BUILDING HAS BEEN COMPLETELY INSTALLED AND ENCLOSED AND THE MECHANICAL SYSTEM IS READY TO BE STARTED.
   V. ALL OIL FILM SHALL BE REMOVED FROM DUCTS PRIOR TO INSTALLATION.
   VI. ALL DUST AND DIRT SHALL BE REMOVED FROM BOTH THE INTERIOR AND EXTERIOR OF ALL DUCTS PRIOR TO INSTALLATION.
5. MATERIALS INSTALLATION
   I. NATURAL OR TEMPORARY MECHANICAL VENTILATION SHALL BE PROVIDED WHEN MATERIALS WHICH EMIT VOLATILE ORGANIC COMPOUNDS (VOC) ARE INSTALLED.
   II. NATURAL OR TEMPORARY MECHANICAL VENTILATION SHALL BE CONTINUED UNTIL SUCH A TIME THAT THE VOC EMISSIONS HAVE DISSIPATED.
   III. ANY TEMPORARY VENTILATION SHALL BE EXHAUSTED TO THE EXTERIOR OF THE BUILDING.
   IV. NOT USED
   V. MATERIALS INSTALLATION SHALL BE SEQUENCED WHENEVER POSSIBLE TO ALLOW FOR THE INSTALLATION OF VOC EMITTING MATERIALS PRIOR TO THE INSTALLATION OF POROUS AND FIBROUS MATERIALS.
   VI. MATERIALS WHICH EMIT A SIGNIFICANT AMOUNT OF VOCS OR ODORS SHALL BE STORED IN A MANNER WHICH ALLOWS FOR OFF-GASSING, IN A DRY AND WELL VENTILATION AREA, PRIOR TO INSTALLATION.
   VII. NOT USED

LOW EMITTING MATERIALS + MOISTURE MANAGEMENT

SEALANTS AND CAULKS
ALL ADHESIVES, SEALANTS AND CAULKS APPLIED IN THE PROJECT'S INTERIOR SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.1. PRODUCTS IN THIS CATEGORY INCLUDE BUT ARE NOT LIMITED TO CARPET, RESILIENT AND WOOD FLOORING ADHESIVES; BASE COVE ADHESIVES; CERAMIC TILE ADHESIVES; DRYWALL AND PANEL ADHESIVES; AEROSOL ADHESIVES; ADHESIVE PRIMERS; ACOUSTICAL SEALANTS; FIRE STOP SEALANTS; HVAC DUCT SEALANTS, SEALANT PRIMERS; AND CAULKS.

PAINTS & COATINGS
ALL PAINTS AND ARCHITECTURAL COATINGS APPLIED IN THE PROJECT'S INTERIOR SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.3. PRODUCTS IN THIS CATEGORY INCLUDE BUT ARE NOT LIMITED TO SEALERS, STAINS, CLEAR WOOD FINISHES, FLOOR SEALERS AND COATINGS, WATERPROOFING SEALERS, PRIMERS, FLAT PAINTS AND COATINGS, NON-FLAT PAINTS AND COATINGS, AND RUST PREVENTATIVE COATINGS.

RESILIENT FLOORING SYSTEMS
ALL FLOORING SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.6.

COMPOSITE WOOD
ALL OF THE COMPOSITE WOOD PRODUCTS INSTALLED IN THE PROJECT SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.5. COMPOSITE WOOD PRODUCTS IN THIS CATEGORY ARE DEFINED IN THE CALIFORNIA AIR RESOURCES BOARD (CARE) AIRBORNE TOXIC CONTROL MEASURE (ATCM) TO REDUCE FORMALDEHYDE EMISSIONS FROM COMPOSITE WOOD PRODUCTS (SECTIONS 93120-93120.12, TITLE 17, CALIFORNIA CODE OF REGULATIONS). THE AFFECTED PRODUCTS INCLUDE HARDWOOD PLYWOOD, PLYWOOD WITH DECORATIVE SOFTWOOD VENEER, LAMINATED PRODUCTS WITH A COMPOSITE WOOD CORE OR PLATFORM, PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF), AND FINISHED GOODS FABRICATED FROM THESE PRODUCTS.

CEILING & WALL SYSTEMS
ALL CEILING AND WALL SYSTEMS INSTALLED IN THE PROJECT'S INTERIOR TOTALING 90% OR MORE OF THE TOTAL AREAS OF SUCH PRODUCTS SHALL MEET THESE REQUIREMENTS. CEILING AND WALL SYSTEMS INCLUDE BUT ARE NOT LIMITED TO CEILING INSULATION INSTALLED WITHIN THE STRUCTURAL ENVELOP, WALL INSULATION, ACOUSTICAL CEILING PANELS, GYPSUM BOARD WALL PANELS, TACKABLE WALL PANELS, AND WALL COVERINGS. CERAMIC TILE AND OTHER ORGANIC-FREE METAL- OR MINERAL-BASED WALL COVERINGS ARE AVAILABLE FOR CREDIT WITHOUT ANY TESTING REQUIREMENTS. SITE APPLIED ADHESIVES AND SEALANTS AND SITE APPLIED PAINTS AND COATINGS ASSOCIATED WITH CEILING AND WALL SYSTEMS ARE TREATED UNDER OPTIONS 1 AND 2, RESPECTIVELY. CEILING AND WALL SYSTEMS SHALL BE TESTED AND EVALUATED FOR EMISSIONS OF VOCS OF CONCERN WITH RESPECT TO CHRONIC INHALATION EXPOSURES FOLLOWING THE SPECIFICATIONS OF THE CDPH STANDARD METHOD V1.1. THE SEPARATE COMPONENTS OR DISTINCT LAYERS OF THESE SYSTEMS SHALL BE MODELED TO THE STANDARD PRACTICE SCHOOL CLASSROOM USING THE CLASSROOM CEILING AREA AND/OR WALL AREA AS APPROPRIATE. FOR SYSTEMS CONSISTING OF MORE THAN ONE DISTINCT LAYER (E.G., WALLS COMPRISED OF INSULATION, WALL PANEL AND WALL COVERING), ALL LAYERS SHALL INDIVIDUALLY MEET THE REQUIREMENTS OF THE STANDARD PRACTICE.

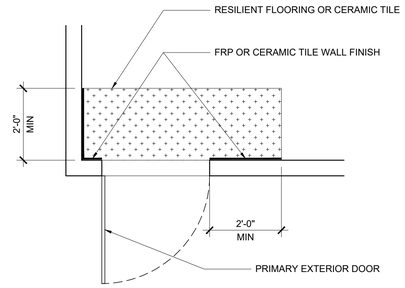
CARPET SYSTEMS
ALL CARPET SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.4. ALL CARPET SHALL BE PER THE CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM OR SHALL BE LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE. ALL CARPET PAD SHALL BE PER THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM.

PRIMARY EXTERIOR DOORS
ALL WALL AND FLOOR SURFACES WITHIN 24" OF A PRIMARY EXTERIOR DOOR SHALL BE NON-ABSORBANT. SEE DETAIL A/- FOR TYPICAL FLOOR AND WALL FINISH DIAGRAM.

ALL PRIMARY EXTERIOR DOORS SHALL BE PROTECTED BY AN OVERHANG, AWNING OR SIMILAR ELEMENT NOT LESS THAN 48" IN DEPTH.

OUTDOOR AIR QUALITY

HVAC, REFRIGERATION AND FIRE SUPPRESSION SYSTEMS SHALL NOT CONTAIN CFCs OR HALONS.



A PRIMARY EXTERIOR WALL FINISH DIAGRAM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ENERGY MANDATORY MEASURES & CALGREEN SPEC'S

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

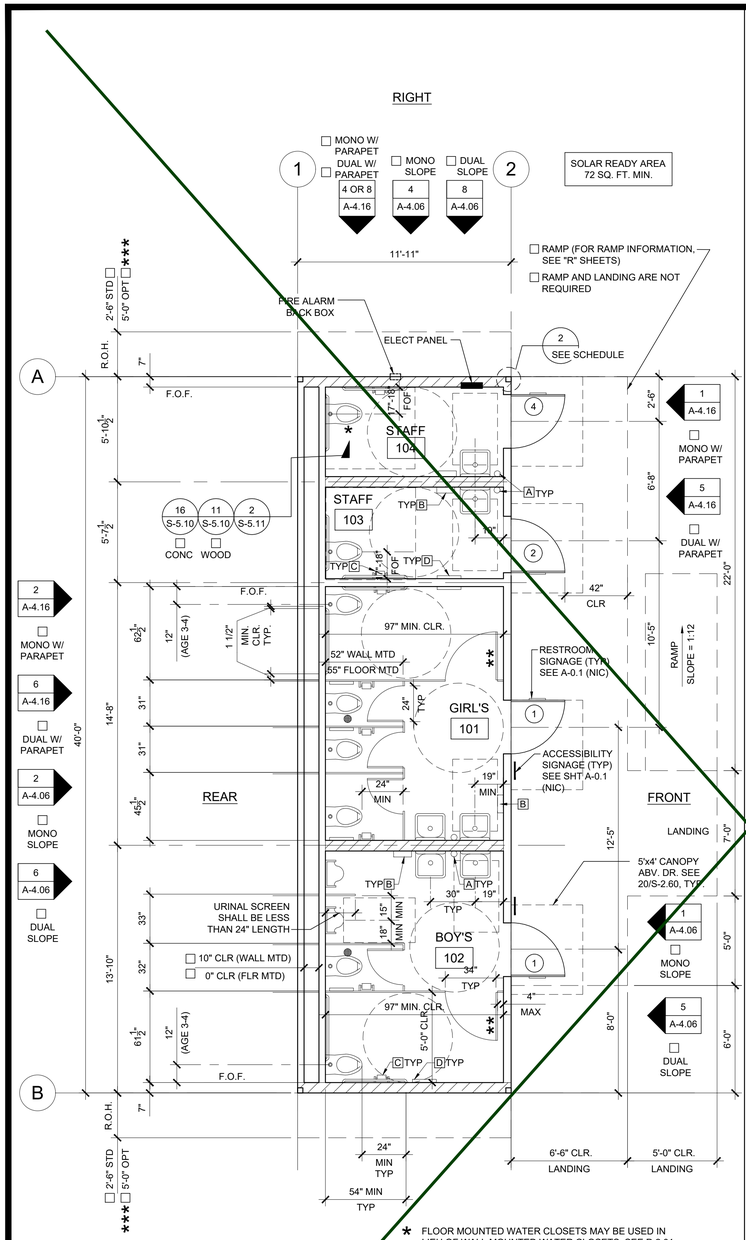
MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLE
STRUCTURAL
STATE OF CALIFORNIA

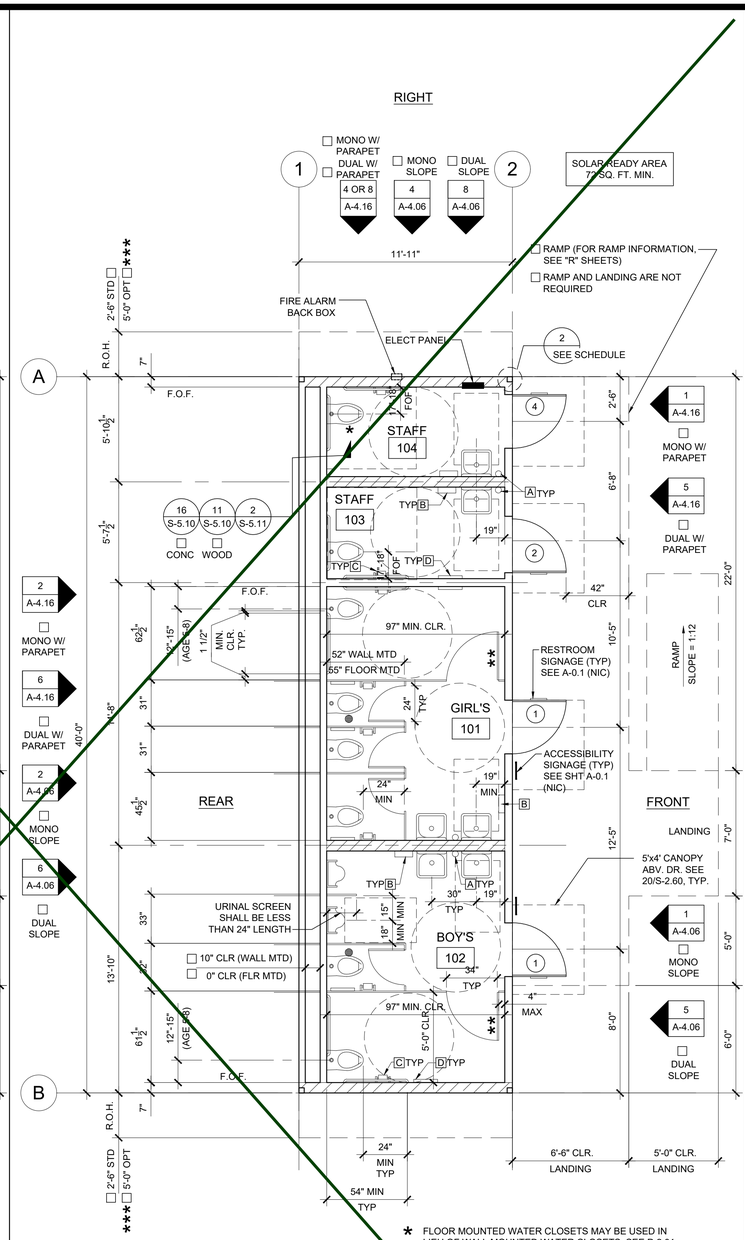
SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

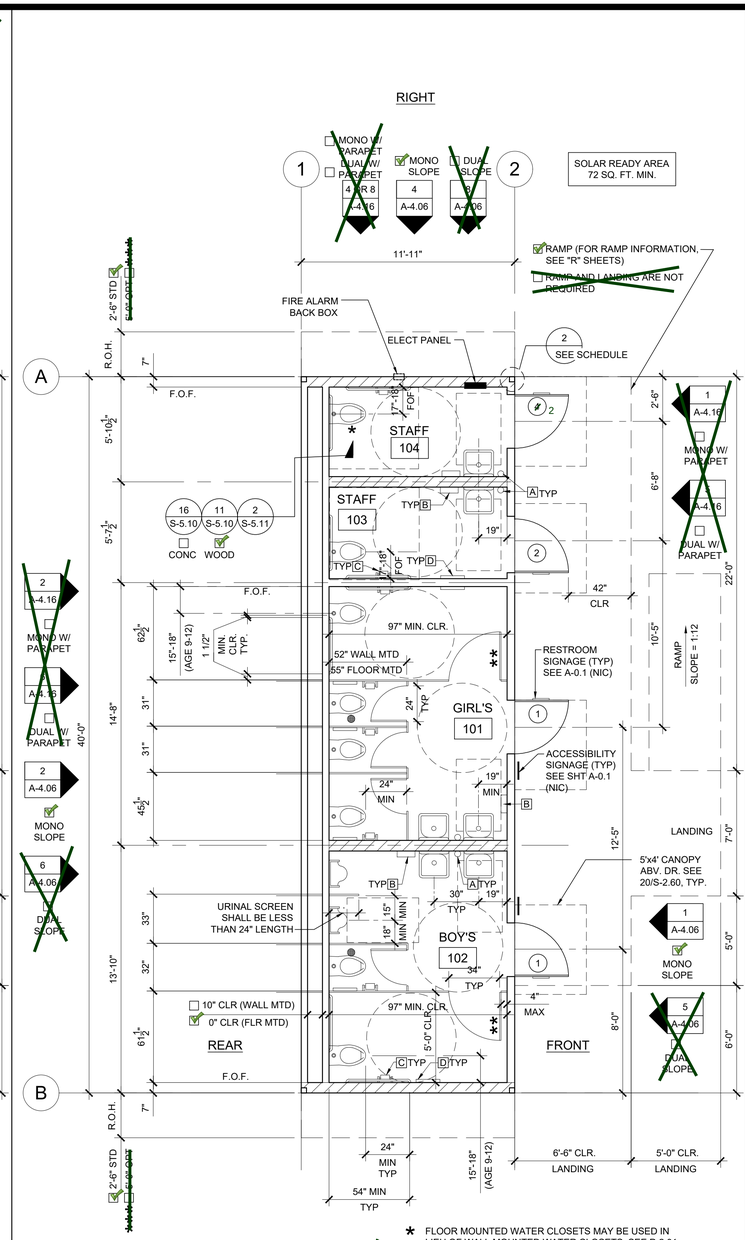
P.C. SHEET NUMBER
A-0.7



FLOOR PLAN - AGE 3-4 SCALE: 1/4" = 1' - 0" 3



FLOOR PLAN - AGE 5-8 SCALE: 1/4" = 1' - 0" 2



FLOOR PLAN - AGE 9-12 SCALE: 1/4" = 1' - 0" 1

SEE SHEET A-1.03B-N FOR ADDITIONAL SCOPE

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DATE: 09/18/2025

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

FLOOR PLAN
12' x 40' - MODEL C-2
ALTERNATE HEIGHTS

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023

~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

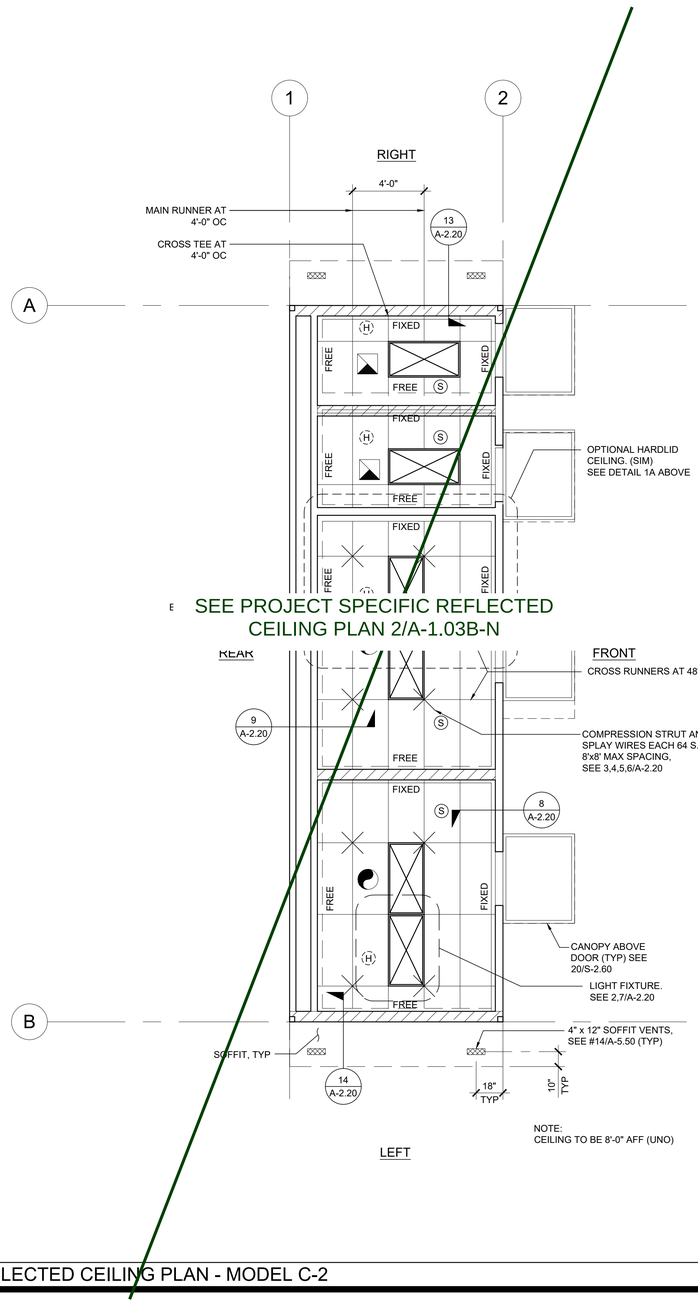
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLIN 24975 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

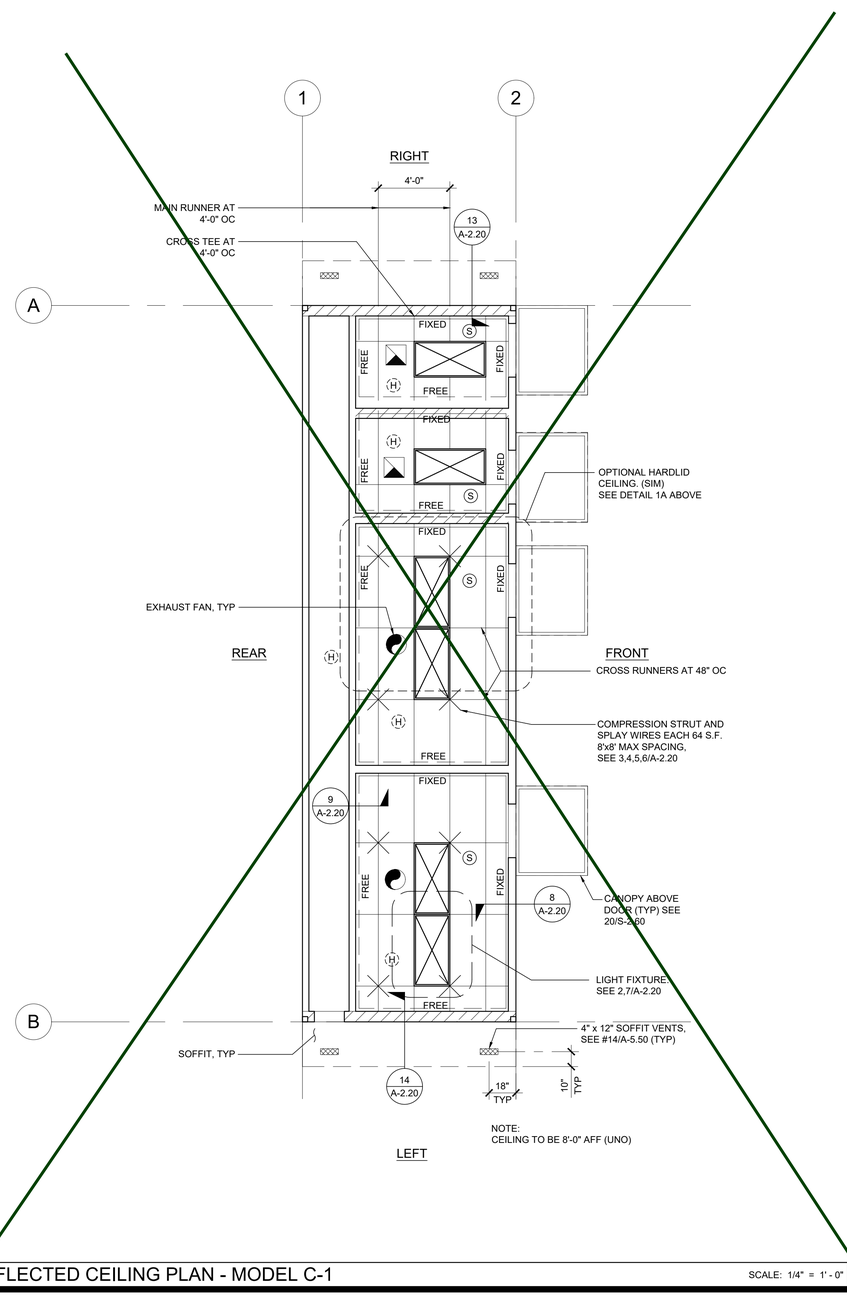
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

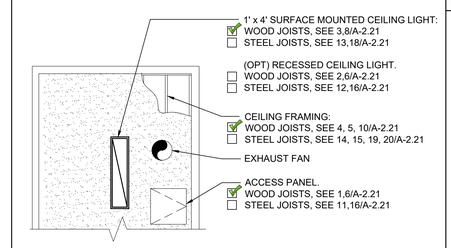
A-1.03B



REFLECTED CEILING PLAN - MODEL C-2 SCALE: 1/4" = 1' - 0" 2



REFLECTED CEILING PLAN - MODEL C-1 SCALE: 1/4" = 1' - 0" 1



HARD LID CEILING (OPTIONAL) SCALE: 1/4" = 1'-0" 1A

LEGEND

- T-BAR CEILING
- FIELD INSTALLED PANEL AT MODULE LINE
- 2' x 4' RECESSED LIGHT FIXTURE, HATCHING DENOTES EMERGENCY LIGHT FIXTURE (SEE ELECTRICAL PLAN)
- "OPTIONAL" 1' x 4' RECESSED LIGHT FIXTURE
- SPLAY WIRE
- CEILING EXHAUST FAN
- (OS) CEILING MOUNTED OCCUPANCY SENSOR
- (PC) CEILING MOUNTED PHOTOCELL
- (S) CEILING MOUNTED SMOKE DETECTOR
- (H) ATTIC MOUNTED HEAT DETECTOR

NOTE:
FOR ALL REFLECTED CEILING NOTES SEE SHEET A-0.1

T-BAR SCHEDULE

ARMSTRONG PART NUMBERS ICC-ES ESR-1308

MAIN RUNNER: 7301
4' CROSS TEE: XL7341
2' CROSS TEE: XL7328

STANDARD 7/8" WALL ANGLE WITH BERC-2 CLIP (ICC #ESR-1308) 2" WALL ANGLE: 7810 (OPTIONAL)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

REFLECTED CEILING PLAN
12'x40' MODEL C-1 OR C-2

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
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~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

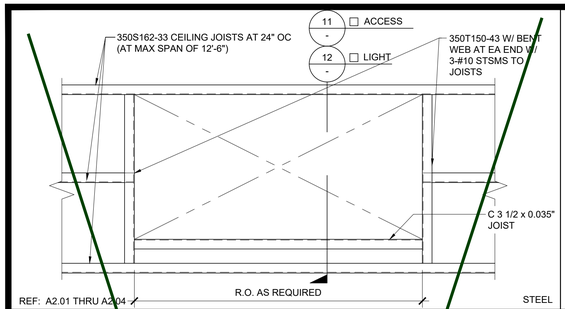
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLIN 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

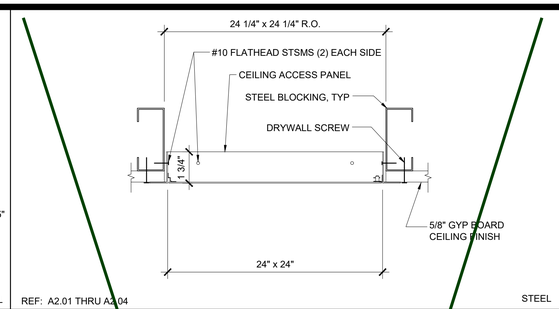
P.C. SHEET NUMBER

A-2.03



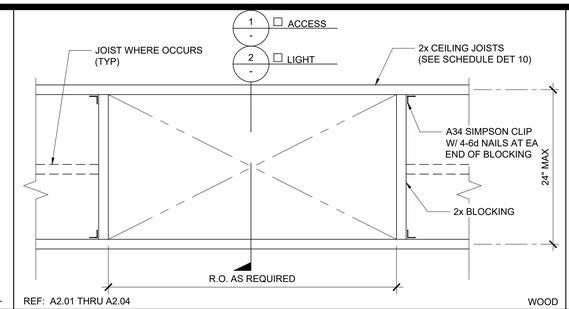
REF: A2.01 THRU A2.04 — STEEL

RECESS STEEL CEILING JOIST FRAMING PLAN — SCALE : 1" = 1'-0" — 16



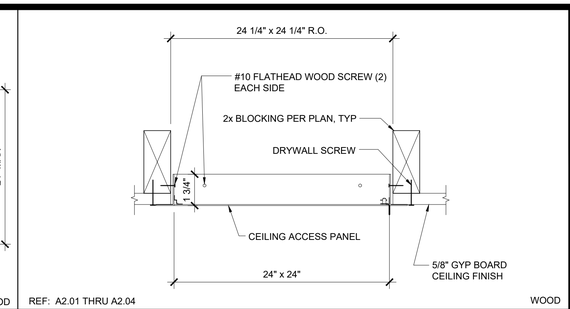
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CEILING ACCESS PANEL - STEEL — SCALE : 3" = 1'-0" — 11



REF: A2.01 THRU A2.04 — WOOD

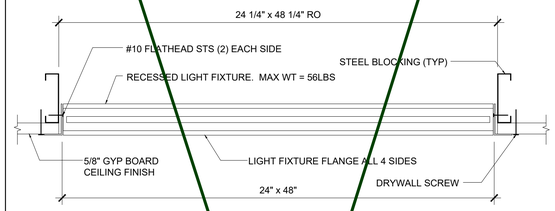
RECESS WOOD CEILING JOIST FRAMING PLAN — SCALE : 1" = 1'-0" — 6



REF: A2.01 THRU A2.04 — WOOD

CEILING ACCESS PANEL — SCALE : 3" = 1'-0" — 1

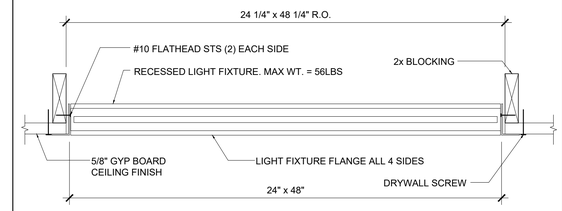
NOT USED — 17



REF: A2.01 THRU A2.04 — STEEL

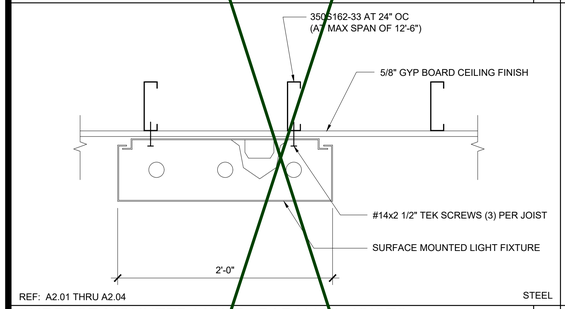
RECESSED LIGHT FIXTURE AT HARD LID — SCALE : 1 1/2" = 1'-0" — 12

NOT USED — 7



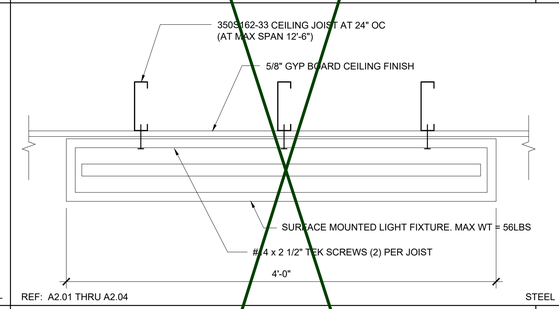
REF: A2.01 THRU A2.04 — WOOD

RECESSED LIGHT FIXTURE AT HARD LID — SCALE : 1 1/2" = 1'-0" — 2



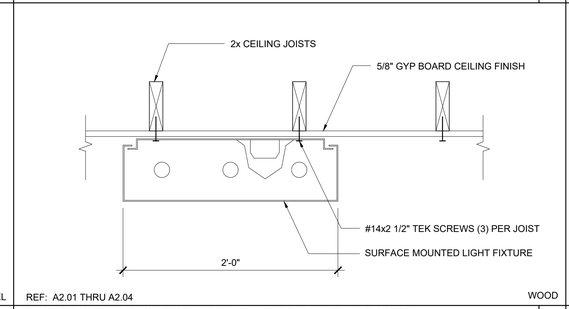
REF: A2.01 THRU A2.04 — STEEL

SURFACE MOUNTED LIGHT - PARALLEL JOISTS — SCALE : 1 1/2" = 1'-0" — 18



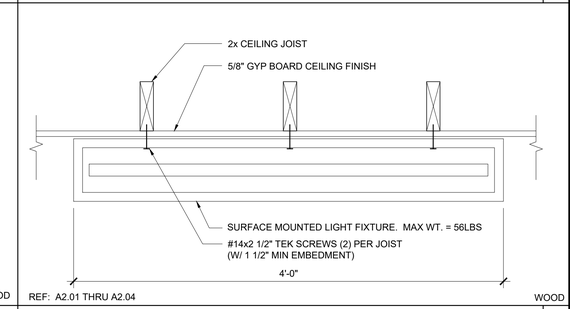
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SURFACE MOUNTED LIGHT-PERPENDICULAR JOISTS — SCALE : 1 1/2" = 1'-0" — 13



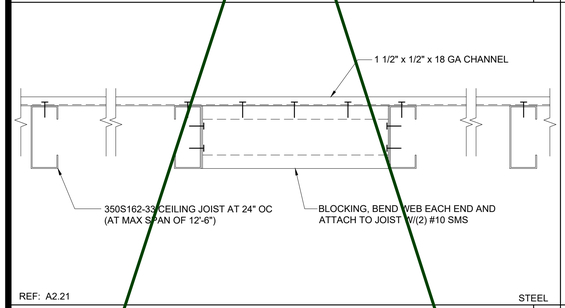
REF: A2.01 THRU A2.04 — WOOD

SURFACE MOUNTED LIGHT - PARALLEL JOISTS — SCALE : 1 1/2" = 1'-0" — 8



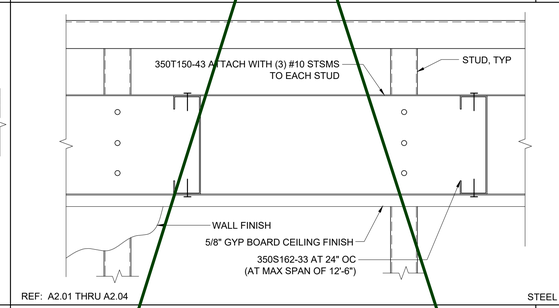
REF: A2.01 THRU A2.04 — WOOD

SURFACE MOUNTED LIGHT-PERPENDICULAR JOISTS — SCALE : 1 1/2" = 1'-0" — 3



REF: A2.21 — STEEL

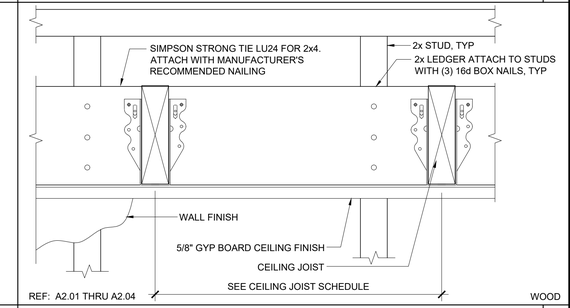
CEILING JOIST BLOCKING - STEEL — SCALE : 3" = 1'-0" — 19



REF: A2.01 THRU A2.04 — STEEL

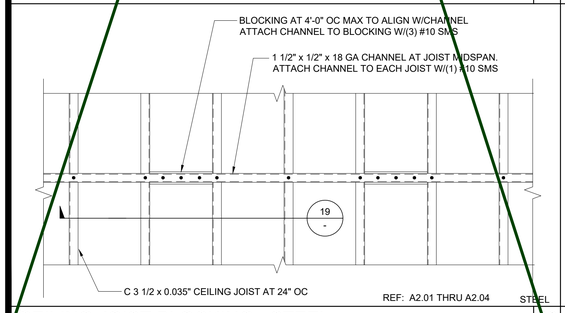
HARD LID CEILING CONNECTION - STEEL — SCALE : 3" = 1'-0" — 14

NOT USED — 9



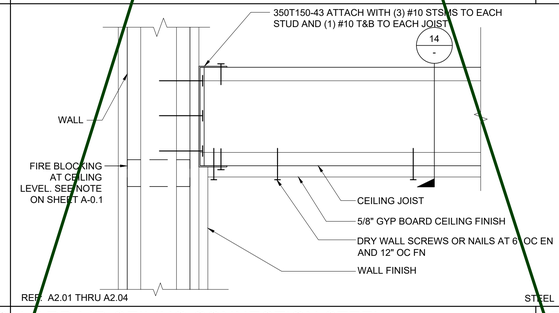
REF: A2.01 THRU A2.04 — WOOD

HARD LID CEILING CONNECTION — SCALE : 3" = 1'-0" — 4



REF: A2.01 THRU A2.04 — STEEL

CEILING JOIST BLOCKING - STEEL — SCALE : 1" = 1'-0" — 20



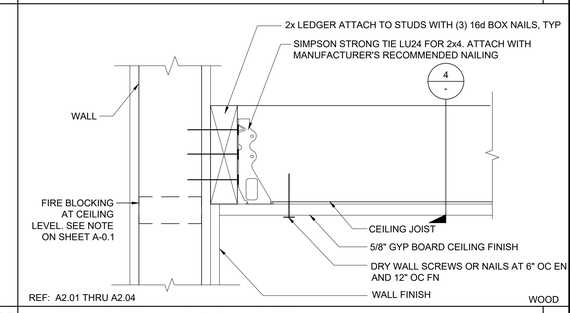
REF: A2.01 THRU A2.04 — STEEL

HARD LID CEILING CONNECTION STEEL — SCALE : 3" = 1'-0" — 15

2X4 JOIST TABLE - MAX SPAN					
SPACING	HEMFIR STUD	HEMFIR NO 2	HEMFIR NO 1	DFL STUD	DFL NO. 2
12" OC	11' - 3"	11' - 7"	12' - 2"	11' - 10"	12' - 5"
16" OC	10' - 3"	10' - 6"	11' - 0"	10' - 9"	11' - 3"
24" OC	8' - 11"	9' - 2"	9' - 8"	9' - 5"	9' - 10"

REF: A2.01 THRU A2.04

WOOD CEILING JOIST SCHEDULE — SCALE : NTS — 10



REF: A2.01 THRU A2.04 — WOOD

HARD LID CEILING CONNECTION — SCALE : 3" = 1'-0" — 5

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

CEILING DETAILS
HARD LID

REVISIONS

1	
2	
3	
4	
5	

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Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

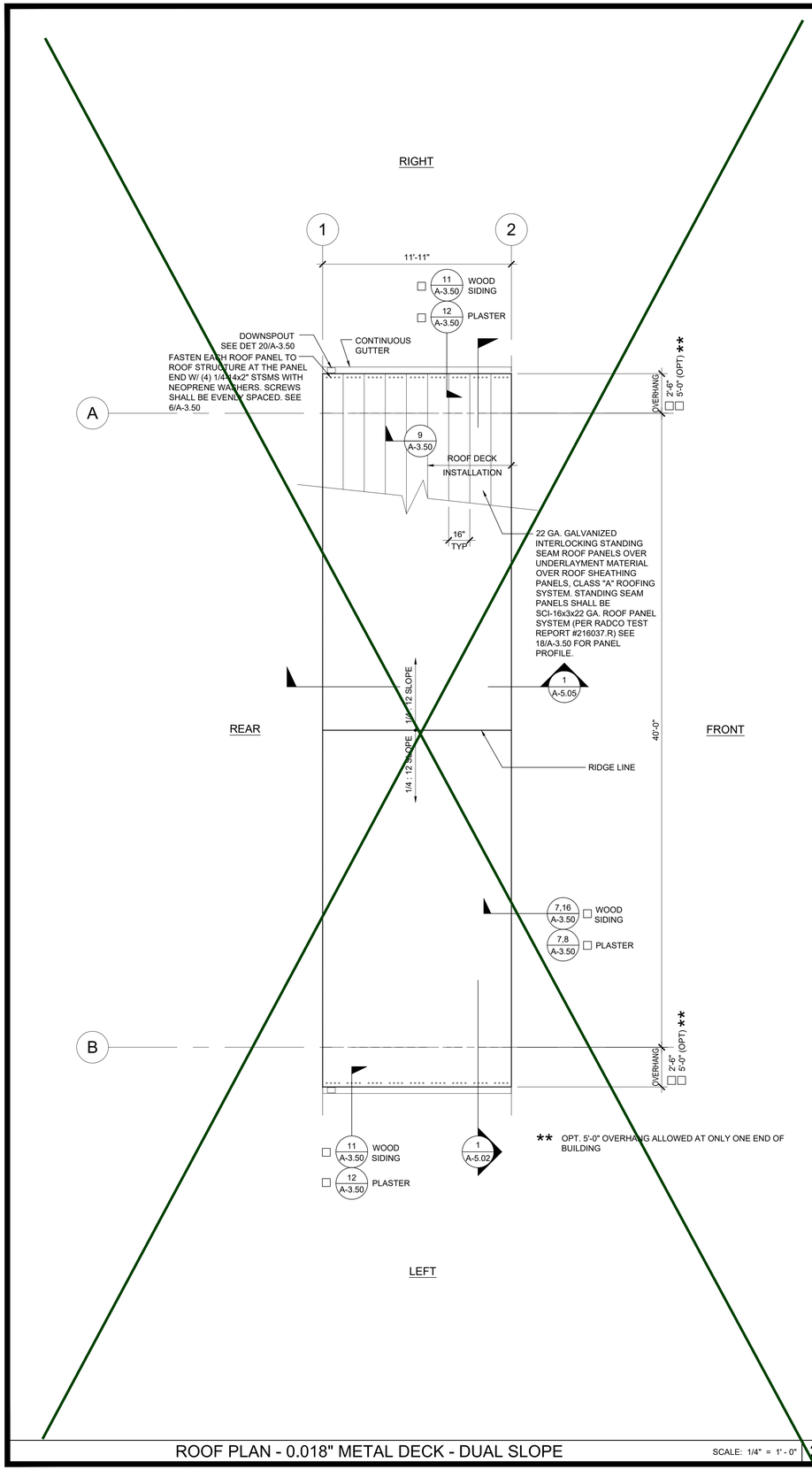
REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
2975
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

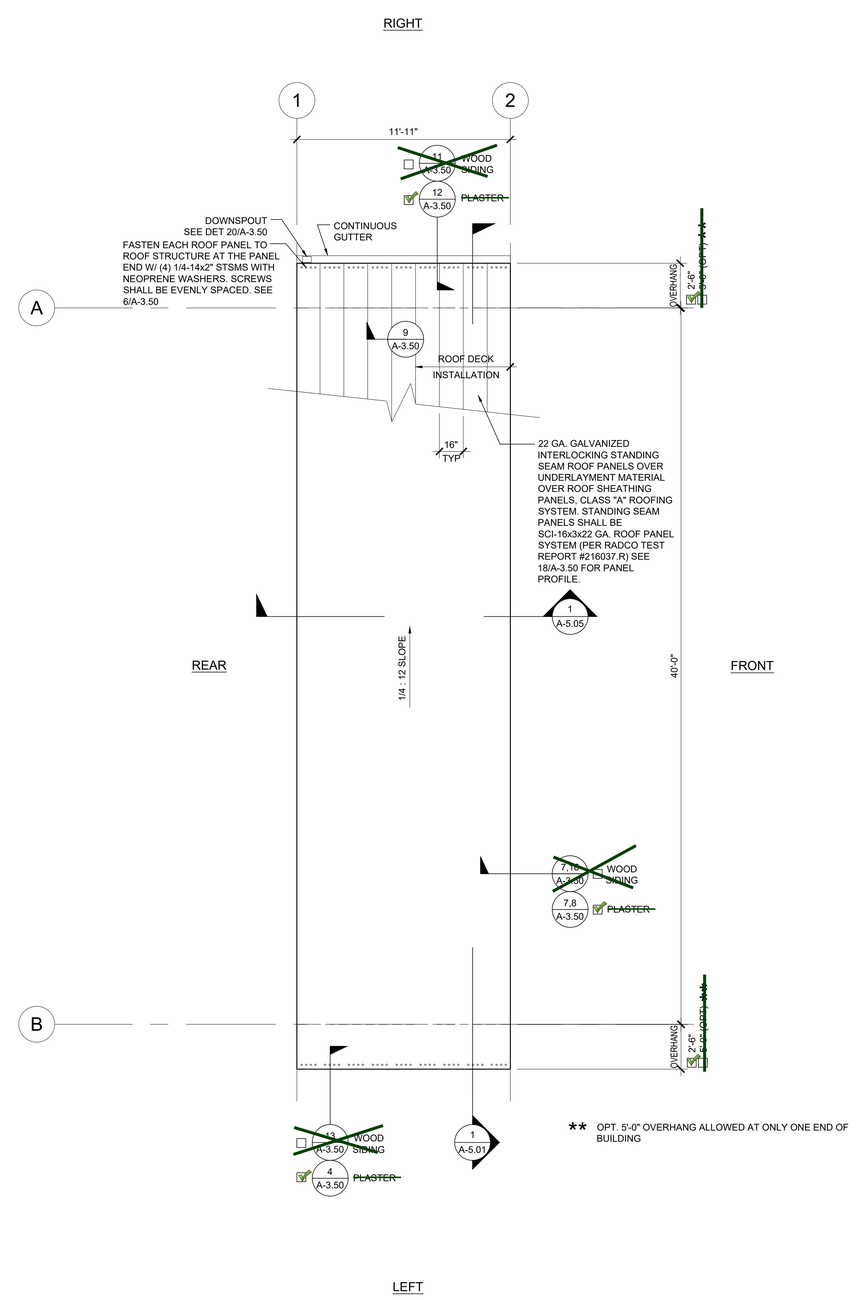
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

A-2.21



ROOF PLAN - 0.018" METAL DECK - DUAL SLOPE SCALE: 1/4" = 1' - 0" 2

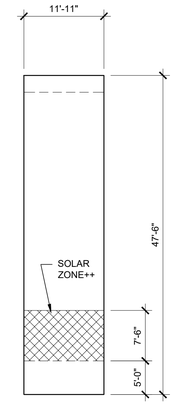


ROOF PLAN - 0.018" METAL DECK - MONO SLOPE SCALE: 1/4" = 1' - 0" 1

NOTES

1. BUILDINGS SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 1505.1 - CLASS A.
2. LOCATIONS OF DRAFTSTOP AND/OR FULL HEIGHT PARTITIONS AS REQUIRED PER CBC-718.4.3 SHALL BE SHOWN ON PROJECT SPECIFIC PLANS LOCATED AT MODULE LINES.
3. ALL ROOFTOP EQUIPMENT THAT REQUIRES SERVICE & ROOF ACCESS HATCHES MUST BE A MIN. OF 10'-0" AWAY FROM ALL ROOF EDGES TO OPENING EDGES. OR A GUARDRAIL SHALL BE PROVIDED PER 7/S-2.60
4. SEE DETAIL "A" (THIS SHEET) FOR ROOF SYSTEM UPLIFT CAPACITY

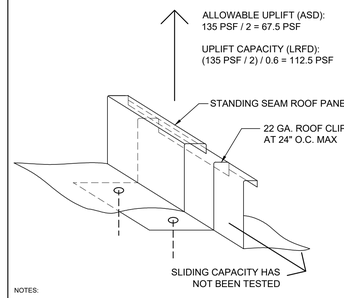
SOLAR ZONE



KEYPLAN

SOLAR ZONE CALCULATION TABLE		
BUILDING SIZE	REQUIRED SOLAR ZONE	PROVIDED SOLAR ZONE
12'-0" x 40'-0"	86 SF	89 SF

++NOTE: ACTUAL SOLAR ZONE LOCATION AND SIZE MAY VARY. MINIMUM ZONE AREA SHALL BE PER THE TABLE ABOVE.



NOTES:

1. THE ALLOWABLE UPLIFT VALUES PROVIDED ABOVE ARE BASED ON TESTING PERFORMED IN ACCORDANCE WITH UL STANDARD 1897 (UPLIFT TEST FOR ROOF COVERING SYSTEM).
   TEST REPORT:
   TI RADCO (RADCO, A TWINING COMPANY)
   REPORT # 216037.R
   DATE: 6.22.2021
2. THE ULTIMATE LOAD DETERMINED BY TESTING = 135 PSF.
   A SAFETY FACTOR OF 2.0 HAS BEEN USED IN CALCULATING THE ALLOWABLE VALUES.
3. PV PANEL ATTACHMENT OPTION IS NOT INCLUDED WITHIN THIS PC.
4. THE CLIP SLIDING CAPACITY HAS NOT BEEN TESTED. IF PV PANELS ARE INSTALLED THE SLIDING CAPACITY OF THE ROOF PANEL SYSTEM MUST BE DETERMINED BY FIELD TESTING FOR ROOF SLOPES OF NOT LESS THAN 7 DEGREES.
   EXCEPTION: WHERE THE SLIDING LOAD FOR SEISMIC AND WIND FORCES ON THE PV PANEL SYSTEM IS LESS THAN THE DISPLACED DESIGN LIVE LOAD SLIDING COMPONENT PER DSA IR 16-8 (SECTION 5.1.1.2).
5. CONVERSION FROM ALLOWABLE UPLIFT (ASD) TO UPLIFT CAPACITY (LRFD) IS BASED ON ASD WIND PRESSURE = 0.6 x (LFRD WIND PRESSURE).

ROOF SYSTEM CAPACITY SCALE: NTS A

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E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ROOF PLAN
12'x40' - METAL DECK
MONO ~~OR DUAL~~ SLOPE

REVISIONS

1
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3
4
5

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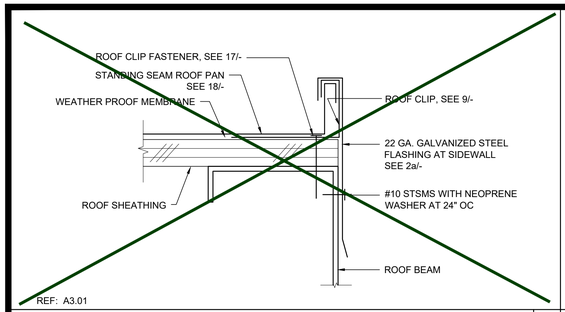
MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLE 2975 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

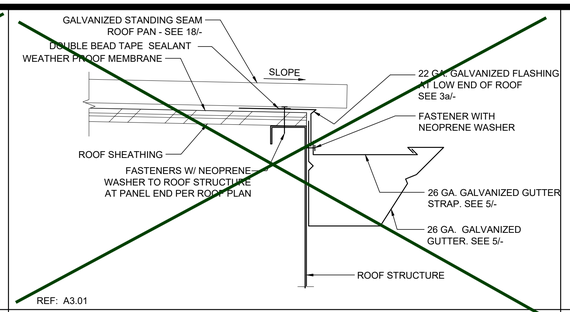
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER
A-3.01



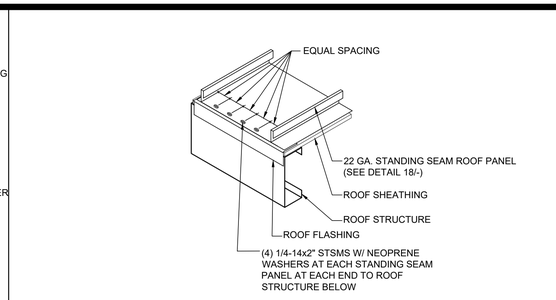
REF: A3.01

ROOF FLASHING AT SIDEWALL — SCALE : 6"=1'-0" — 16



REF: A3.01

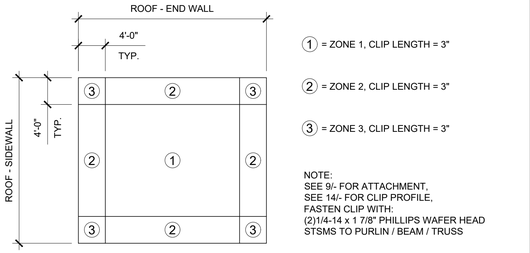
GUTTER AT ROOF FASCIA BEAM — SCALE : 3"=1'-0" — 11



STANDING SEAM PANEL AT ENDS — SCALE : NTS — 6

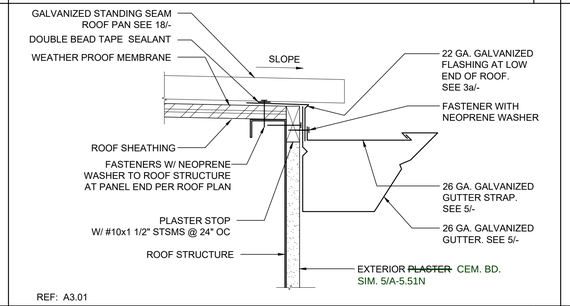
NOT USED — 1a

NOT USED — 1b



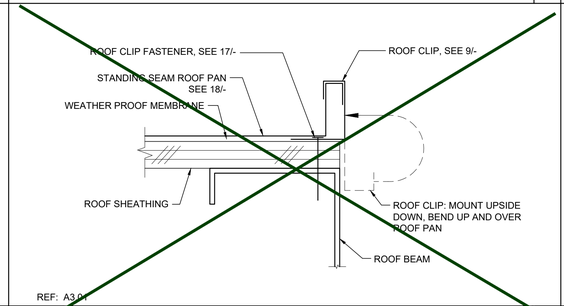
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ROOF CLIP ZONES — NTS — 17



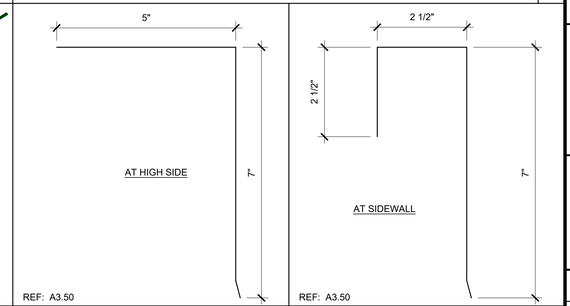
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GUTTER AT ROOF FASCIA BEAM — SCALE : 3"=1'-0" — 12



REF: A3.01

STARTER ROOF PAN CONNECTION — SCALE : 6"=1'-0" — 7

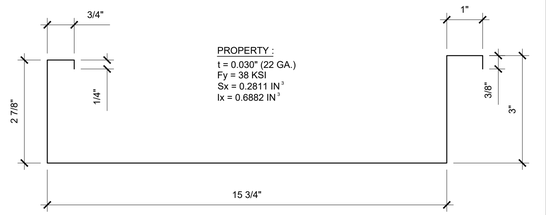


REF: A3.50

ROOF FLASHING — SCALE : 6"=1'-0" — 2b

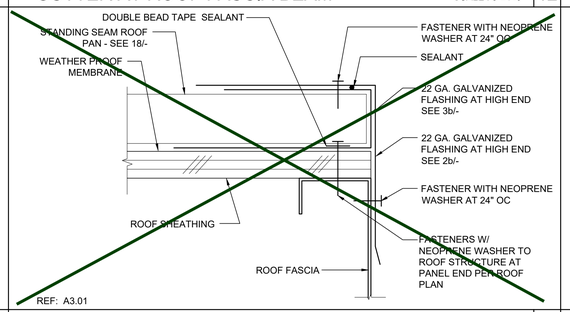
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ROOF FLASHING — SCALE : 6"=1'-0" — 2a



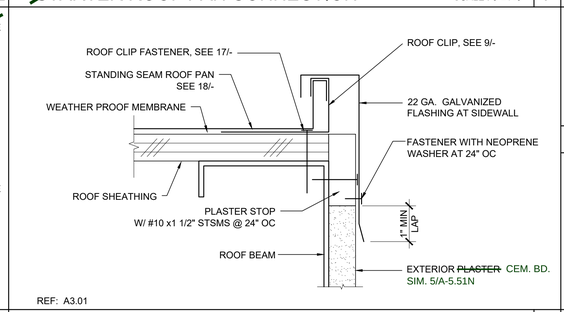
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ROOF DECK PROFILE — SCALE : NTS — 18



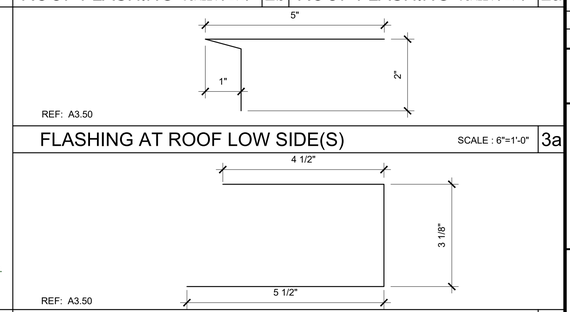
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ROOF FLASHING AT HIGH SIDE — SCALE : 6"=1'-0" — 13



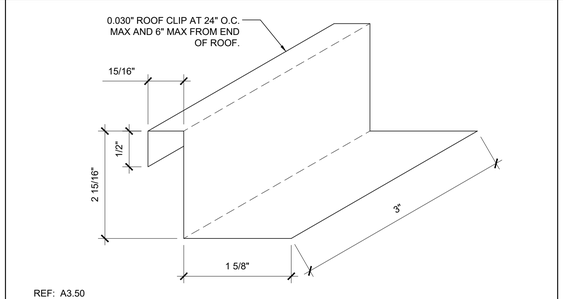
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ROOF FLASHING AT SIDEWALL — SCALE : 6"=1'-0" — 8



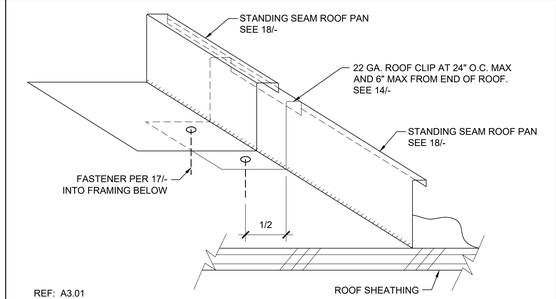
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FLASHING AT ROOF HIGH SIDE — SCALE : 6"=1'-0" — 3b



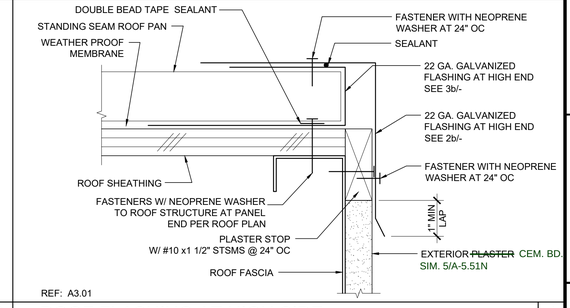
REF: A3.50

ROOF CLIP — SCALE : 1'-0"=1'-0" — 14



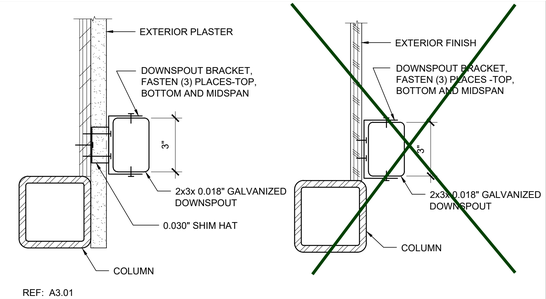
REF: A3.01

ROOF CLIP @ STANDING SEAM — SCALE : NTS — 9



REF: A3.01

ROOF FLASHING AT HIGH SIDE — SCALE : 6"=1'-0" — 4

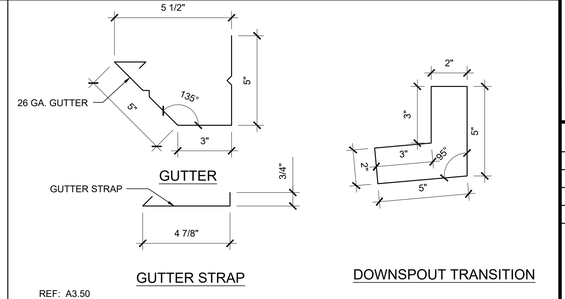


REF: A3.01

DOWNSPOUT ATTACHMENT — SCALE : 3"=1'-0" — 20

NOT USED — 15

NOT USED — 10



REF: A3.50

GUTTER AND STRAP & DOWNSPOUT — SCALE : 3"=1'-0" — 5

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ROOF DETAILS
STANDING SEAM
ROOF DECK

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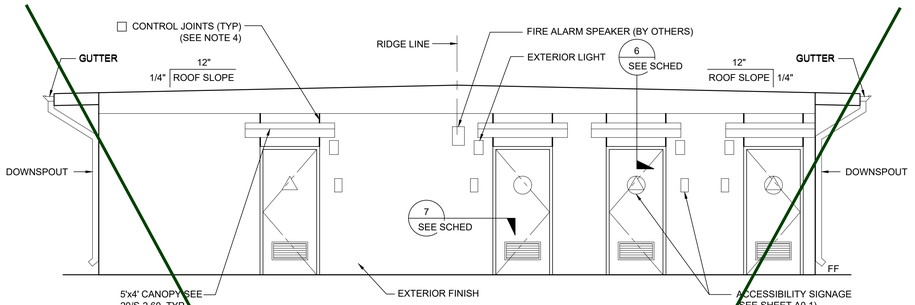
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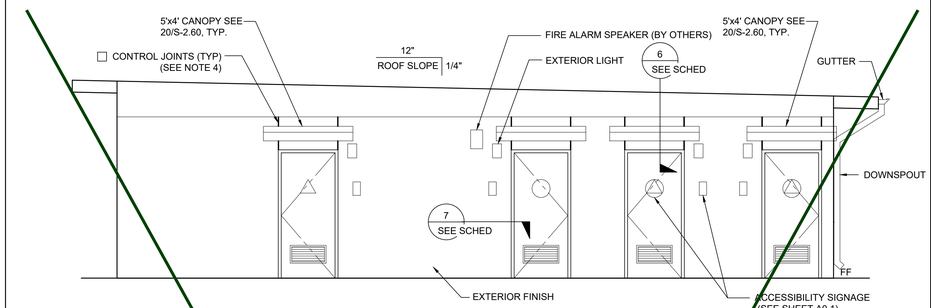
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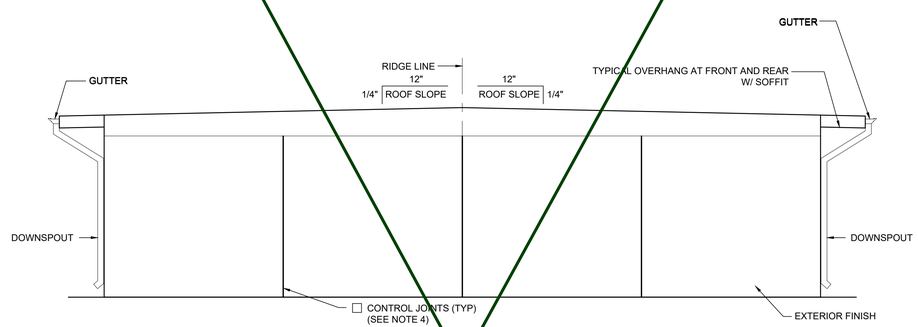
A-3.50



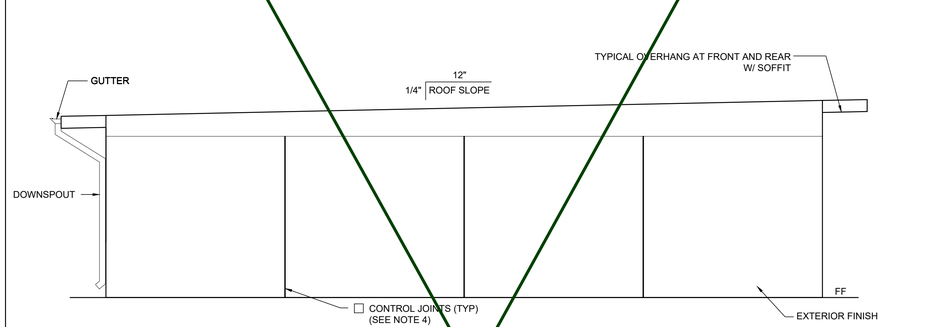
EXTERIOR ELEVATIONS - FRONT (MODEL C-2) - DUAL SLOPE — SCALE: 1/4" = 1' - 0" | 5



EXTERIOR ELEVATIONS - FRONT (MODEL C-2) - MONO SLOPE — SCALE: 1/4" = 1' - 0" | 1

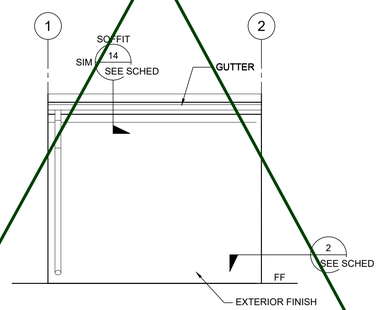


EXTERIOR ELEVATIONS - REAR (MODEL C-2) - DUAL SLOPE — SCALE: 1/4" = 1' - 0" | 6

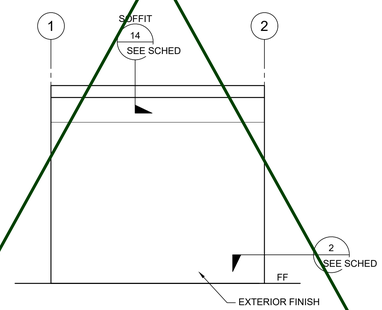


EXTERIOR ELEVATIONS - RE — SCALE: 1/4" = 1' - 0" | 2

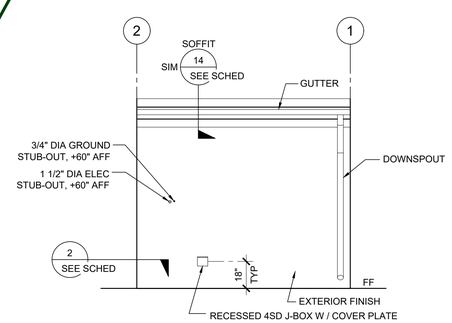
SEE PROJECT SPECIFIC EXTERIOR ELEVATIONS A-4.06N



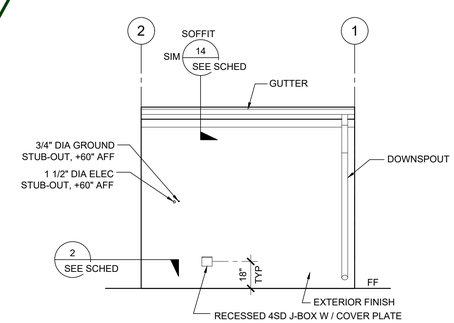
EXTERIOR ELEVATIONS - LEFT (MODEL C-2) - DUAL SLOPE — SCALE: 1/4" = 1' - 0" | 7



EXTERIOR ELEVATIONS - LEFT (MODEL C-2) - MONO SLOPE — SCALE: 1/4" = 1' - 0" | 3



EXTERIOR ELEVATIONS - RIGHT (MODEL C-2) - DUAL SLOPE — SCALE: 1/4" = 1' - 0" | 8



EXTERIOR ELEVATIONS - RIGHT (MODEL C-2) - MONO SLOPE — SCALE: 1/4" = 1' - 0" | 4

NOTES (EXTERIOR ELEVATION)

1. PROVIDE PROTECTION RAIL AROUND HVAC UNIT(S) IF LOCATED IN A PEDESTRIAN WAY IF THE HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" (NIC). REFERENCE TO DET. # 2/A5.81 FOR WOOD STUDS, # 17/A5.81 FOR STEEL STUDS
2. RAMP (WHERE OCCURS), NOT SHOWN FOR CLARITY.
3. WALL BEYOND HANDRAIL SHALL NOT HAVE ANY SHARP OR ABRASIVE SURFACE ADJACENT TO HANDRAILS. (GRIND SMOOTH ALL METAL RAILING CONNECTIONS - SMOOTH SURFACE TO EXTEND 18" ABOVE HANDRAIL)
4. FOR PLASTER ONLY, PROVIDE CONTROL JOINT AT EACH MODLINE, ON END WALLS, 10'-0" OC AT SIDE WALLS, AND / OR ABOVE AND BELOW OPENINGS. WHERE FIRE RATED WALLS ARE REQUIRED, MATERIALS AND METHODS OF CONSTRUCTION USED TO PROTECT JOINTS WILL COMPLY WITH CBC SECTION 703.2 AND 705.
5. EXTERIOR PROJECTIONS SHALL COMPLY W/ SECTION 705 AND 1406, 2022 CBC
6. PROVIDE AN OFFSET RAMP (PER SHEET R-1.02) WHEN A RAMP IS REQUIRED ADJACENT TO A STUCCO WALL AND/OR FIRE RESISTANCE RATED EXTERIOR WALL.

DETAIL SCHEDULE

FINISH:	SHEET #:
☐ SIDING OVER WOOD STUDS	A-5.50
☑ ~~PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS~~ ~~CEM. BD.~~	~~A-5.51~~ A-5.51N
☐ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

NOTE:
MINIMUM FOUNDATION HEIGHT TO BE 18" IF THE BUILDING CARRIES UNDER FLOOR PLUMBING (MANIFOLDS)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

EXTERIOR ELEVATION
12' X 40' - MODEL C-2
MONO / DUAL SLOPE

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

~~APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023
PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
2475
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

A-4.06

DETAIL SCHEDULE

FINISH:	SHEET #:
☐ SIDING OVER WOOD STUDS	A-5.50
☑ ~~PLASTER~~ OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS (CEM. BD.)	~~A-5.51~~ A-5.51N
☐ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

~~FIRE RATED DETAIL SCHEDULE~~

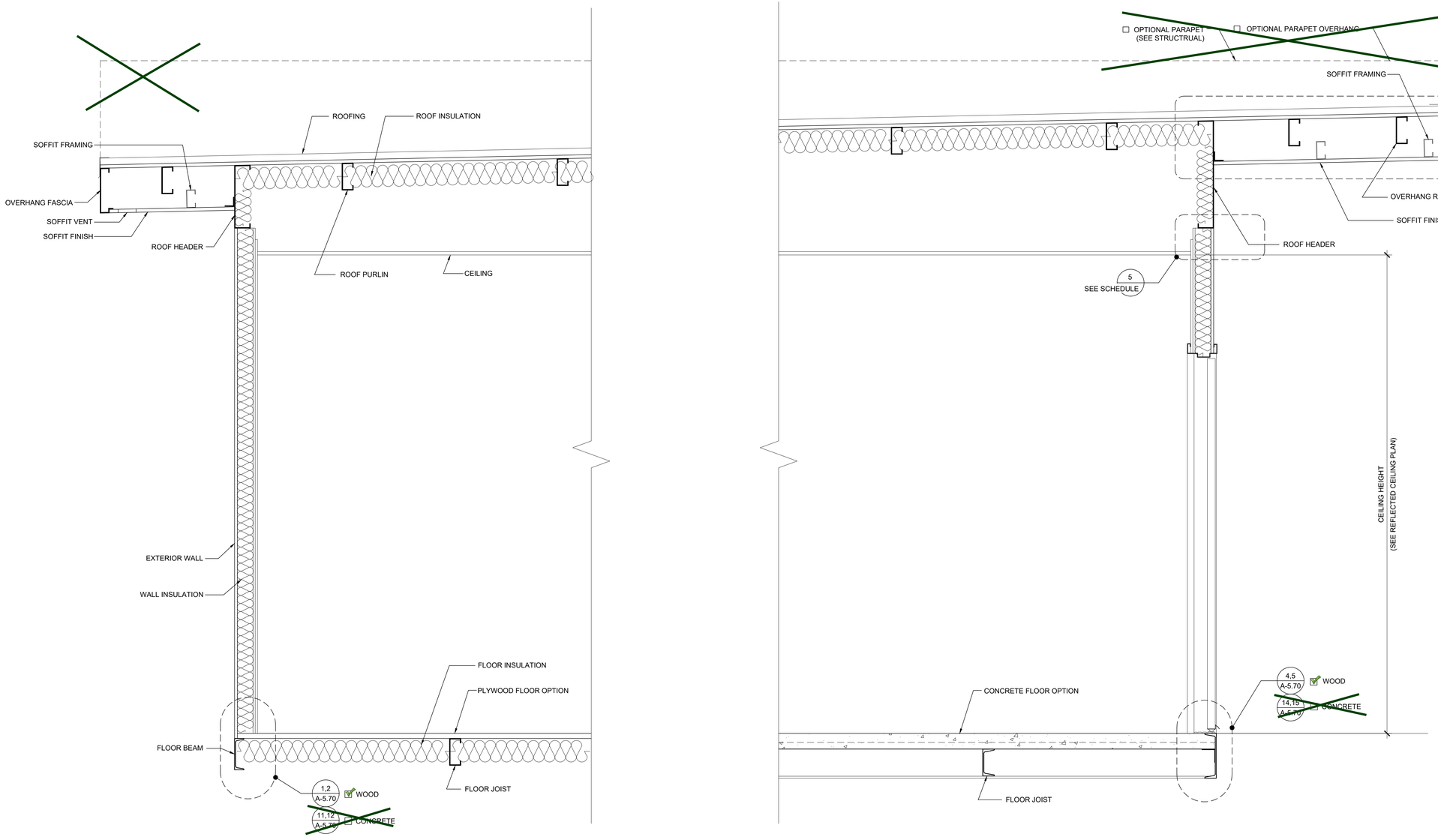
FINISH:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

FLOOR OPTION

- ☑ WOOD FLOOR
- ☐ CONCRETE FLOOR

NOTES

SEALANTS AND CAULKING:
GENERAL: FURNISH AND INSTALL ALL SEALANTS AND CAULKING AS REQUIRED TO PROVIDE A WEATHERTIGHT BUILDING AND TO LIMIT AIR LEAKAGE.
MATERIALS: SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONE CAULKING.
APPLICATIONS: AT JOINTS WHERE SHOWN, APPLY SEALANT AS FOLLOWS - JOINTS SHALL BE CLEAN, DRY, AND FREE FROM DUST, WAX, AND FOREIGN MATERIALS. SEALANT SHALL BE APPLIED WITH A GUN IN A STRICT COMPLIANCE WITH MANUFACTURER'S DIRECTIONS. COMPLETELY FILL THE JOINT AND FIRMLY TOOL AGAINST THE BACKING, MAKING A SMOOTH CONVEX BEAD.
COLOR: COLOR OF MATERIAL SHALL MATCH THAT OF ADJACENT FINISHED SURFACES.
ALL EXTERIOR JOINTS, PENETRATIONS AND OTHER OPENINGS SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED OR OTHERWISE SEALED.



BUILDING SECTION

SCALE: 1" = 1' - 0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

CROSS SECTION
MONO SLOPE

REVISIONS

1	
2	
3	
4	
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PRE-CHECK (PC) DOCUMENT
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~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

A-5.01

DETAIL SCHEDULE

FINISH:	SHEET #:
☐ SIDING OVER WOOD STUDS	A-5.50
☑ ~~PLASTER~~ OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	~~A-5.51~~ A-5.51N
☐ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

CEM. BD.

~~FIRE RATED DETAIL SCHEDULE~~

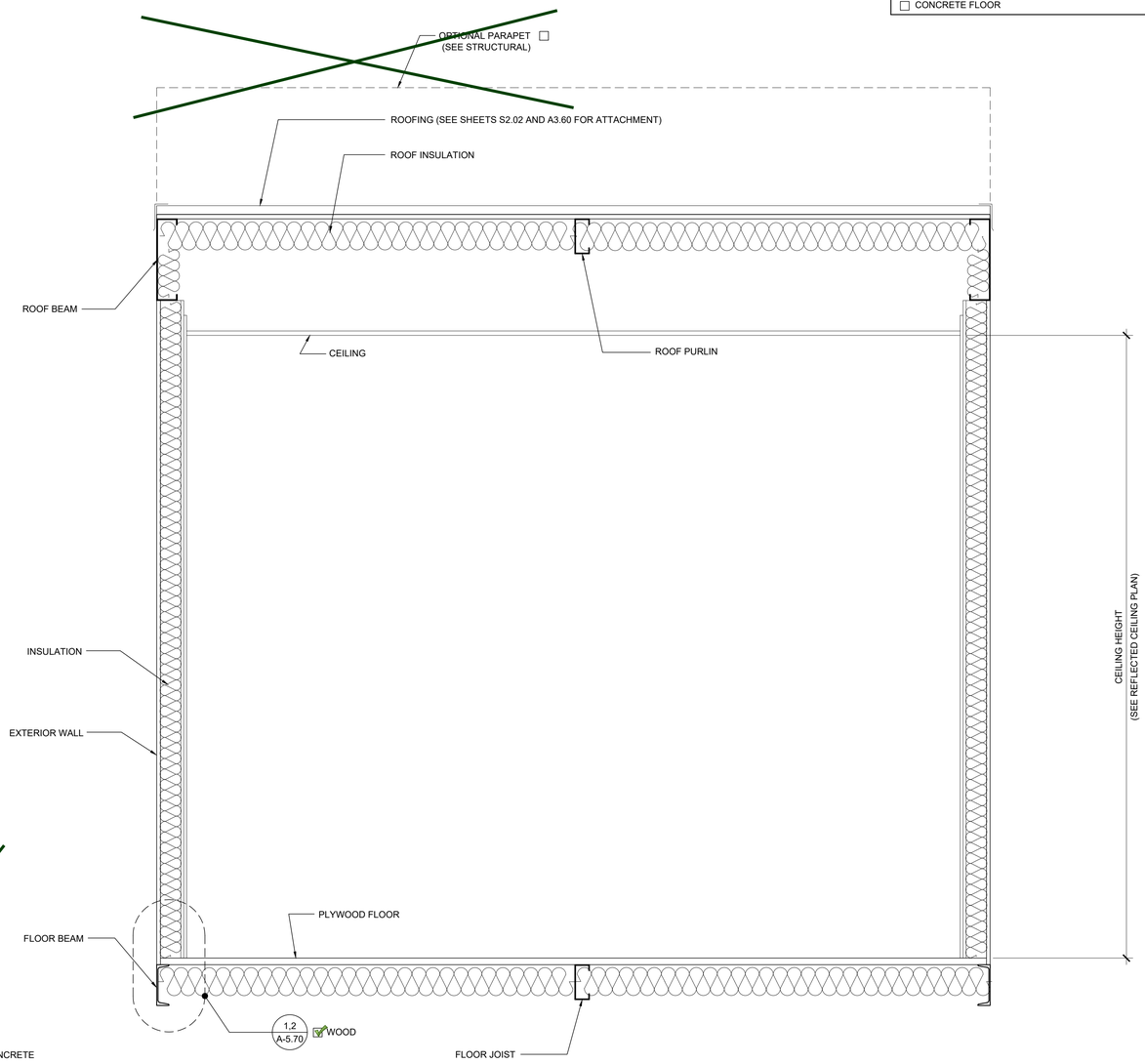
FINISH:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

FLOOR OPTION

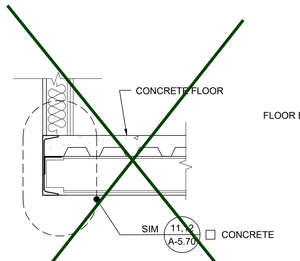
- ☑ WOOD FLOOR
- ☐ CONCRETE FLOOR

NOTES

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WOOD FLOOR OPTION



~~CONCRETE FLOOR OPTION~~

BUILDING SECTION

SCALE: 1" = 1' - 0" | 1

IDENTIFICATION STAMP
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APP. 04-124823 INC:
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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

CROSS SECTION

REVISIONS

1 2 3 4 5

PRE-CHECK (PC) DOCUMENT
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~~DATE: 09/25/2023~~
~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

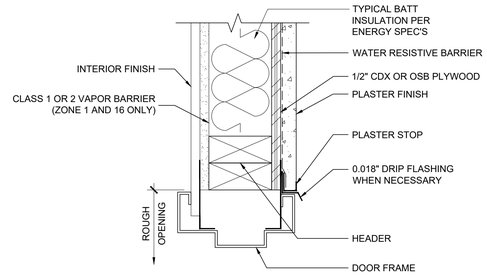
A-5.05

NOT USED 16

NOT USED 11

EXTERIOR DOOR HEADER

SCALE : 3"=1'-0" 6



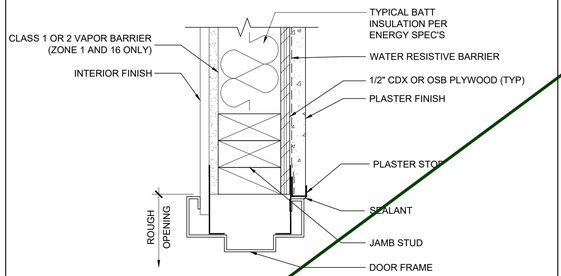
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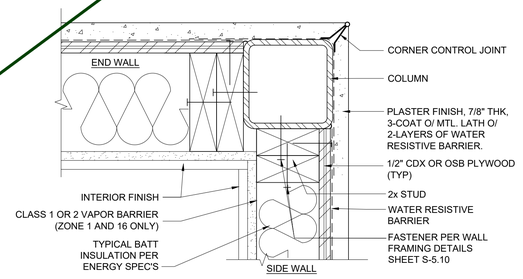
EXTERIOR DOOR JAMB

SCALE : 3"=1'-0" 7



COLUMN AT CORNER

SCALE : 3"=1'-0" 2

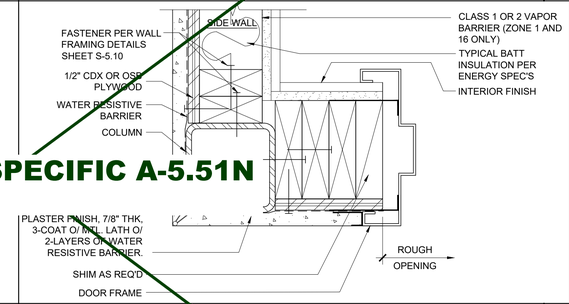


NOT USED 18

NOT USED 13

EXTERIOR DOOR JAMB

SCALE : 3"=1'-0" 8

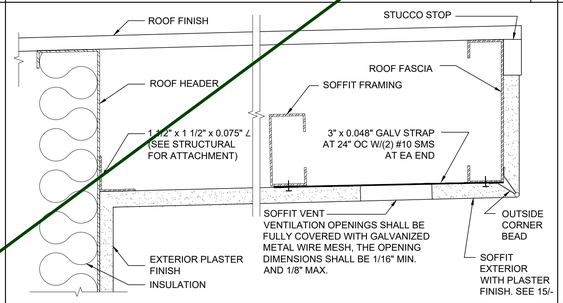


NOT USED 3

NOT USED 19

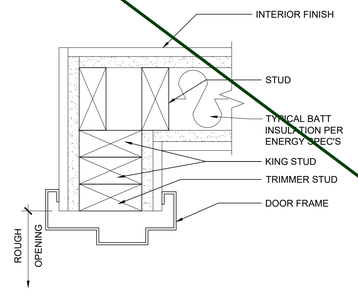
SOFFIT AT ROOF HEADER WITH VENT

SCALE : 3" = 1'-0" 14



INTERIOR DOOR JAMB

SCALE : 3"=1'-0" 9



NOT USED 4

NOT USED 20

METAL LATH ATTACHMENT TO METAL JOIST

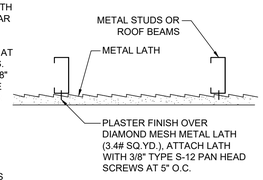
SCALE : NTS 15

1. METAL LATH SHALL BE ATTACHED TO METAL SUPPORTS WITH NOT LESS #10 U.S. GAUGE THE WIRE SPACED NOT MORE THAN 6" APART OR WITH APPROVED EQUIVALENT ATTACHMENTS.

2. METAL LATH OR WIRE FABRIC SHALL BE APPLIED WITH THE LONG DIMENSION OF THE SHEETS PERPENDICULAR TO SUPPORTS.

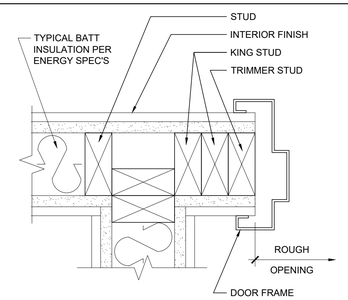
3. METAL LATH SHALL BE LAPPED NOT LESS THAN 1/2" AT SIDES AND 1" AT ENDS. WIRE FABRIC AT SIDES & ENDS. BUT NOT LESS THAN 1", AND METAL GREATER THAN 1/8" SHALL BE LAPPED AT THE SIDES BY NESTING OUTSIDE HOLE. WHERE EDGE LAPS OF SHEETS DO NOT OCCUR OVER SUPPORTS. THEY SHALL BE SECURELY TIED TOGETHER WITH NOT LESS THAN 18 GA. WIRE

4. CORNERITE SHALL BE INSTALLED IN ALL INTERNAL CORNERS TO RETAIN POSITION DURING PLASTERING CORNERITE MAY BE OMITTED WHEN LATH IS CONTINUOUS OR WHEN PLASTER IN NOT CONTINUOUS FROM ONE PLANE TO AN ADJACENT PLAN.



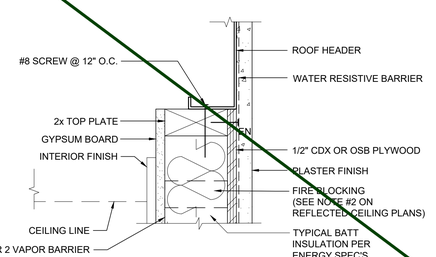
INTERIOR DOOR JAMBS

SCALE : 3"=1'-0" 10



TOP PLATE AT ROOF HEADER

SCALE : 3" = 1'-0" 5



SEE PROJECT SPECIFIC A-5.51N

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ARCHITECTURAL DETAILS
WOOD STUD - PLASTER

REVISIONS

1.
2.
3.
4.
5.

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

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~~PS STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

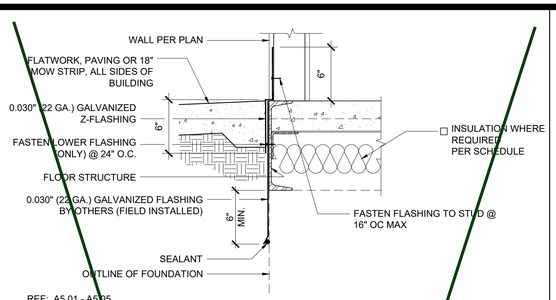
SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

A-5.51

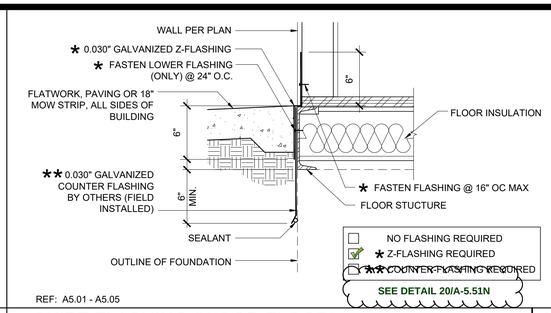
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REF: A5.01 - A5.05

SKIRT FLASHING (CONCRETE FLOOR) SCALE : 1 1/2"=1'-0" 11

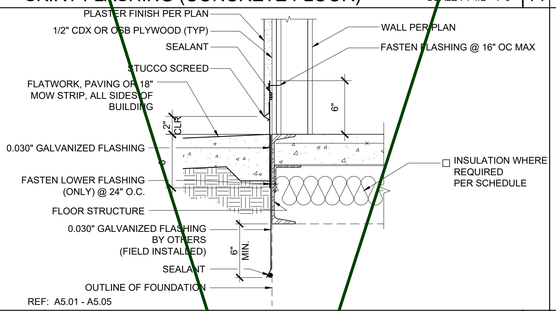
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REF: A5.01 - A5.05

SKIRT FLASHING (WOOD FLOOR) SCALE : 1 1/2"=1'-0" 1

NOT USED 17



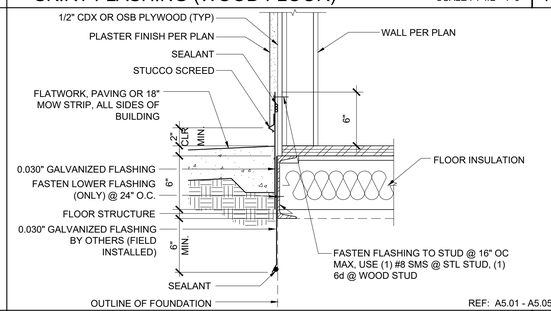
REF: A5.01 - A5.05

SKIRT FLASHING (CONCRETE FLOOR) SCALE : 1 1/2"=1'-0" 12

NOTES 7

NOTE:

1. WHEN THE BUILDING IS INSTALLED AT GROUND LEVEL (BELOW GRADE FOUNDATION OPTION) DETAILS 1,2,5,11,12+15 CAN ONLY BE USED WHERE THE BUILDING SIZE DOES NOT EXCEED 2,160 SF.
2. FOR BUILDINGS INSTALLED ON ABOVE GRADE FOUNDATION SYSTEMS (WOOD FOUNDATION OR CONCRETE FOUNDATION WITH ABOVE GRADE STEMWALL) THE DETAILS SHOWN ON THIS SHEET MAY BE USED FOR ANY SIZE BUILDING.
3. FOR BUILDINGS INSTALLED ON ABOVE GRADE FOUNDATION SYSTEMS (WOOD FOUNDATION OR CONCRETE FOUNDATION WITH ABOVE GRADE STEMWALL) THE FLATWORK/PAVING/MOW STRIP WHICH IS INDICATED IN THE DETAILS ON THIS SHEET SHALL BE OMITTED.



REF: A5.01 - A5.05

SKIRT FLASHING (WOOD FLOOR) SCALE : 1 1/2"=1'-0" 2

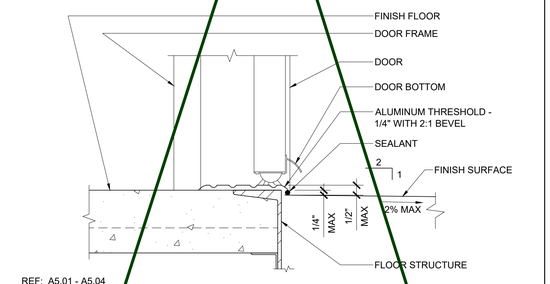
NOT USED 18

NOT USED 13

NOT USED 8

NOT USED 3

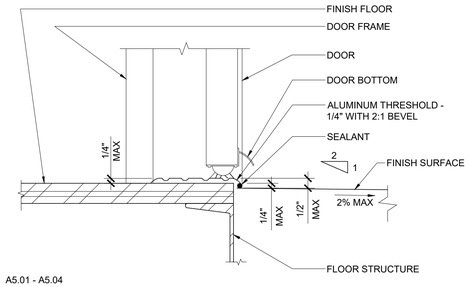
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REF: A5.01 - A5.04

THRESHOLD SCALE : 3"=1'-0" 14

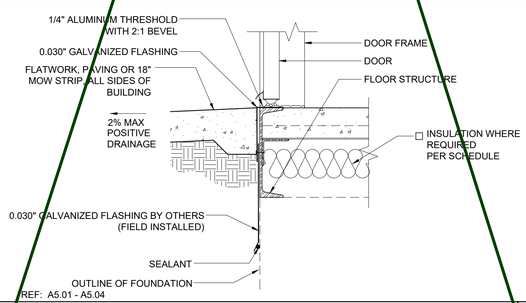
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REF: A5.01 - A5.04

THRESHOLD SCALE : 3"=1'-0" 4

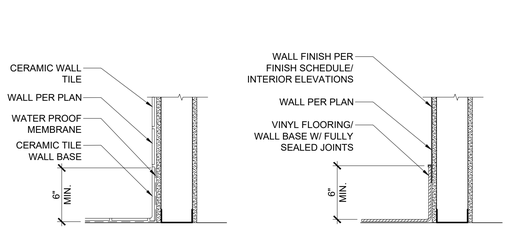
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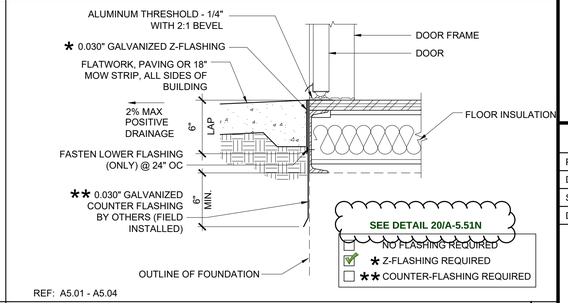


REF: A5.01 - A5.04

TYPICAL SILL AT FLOOR (CONCRETE FLOOR) SCALE : 1 1/2"=1'-0" 15

WALL BASE AT TOILET ROOMS SCALE : 1 1/2"=1'-0" 10





REF: A5.01 - A5.04

TYPICAL SILL AT FLOOR (WOOD FLOOR) SCALE : 1 1/2"=1'-0" 5

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APP. 04-124823 INC:
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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ARCHITECTURAL DETAILS
FLOOR

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
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~~APPROVED~~
~~DIV. OF THE STATE ARCHITECT~~
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~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

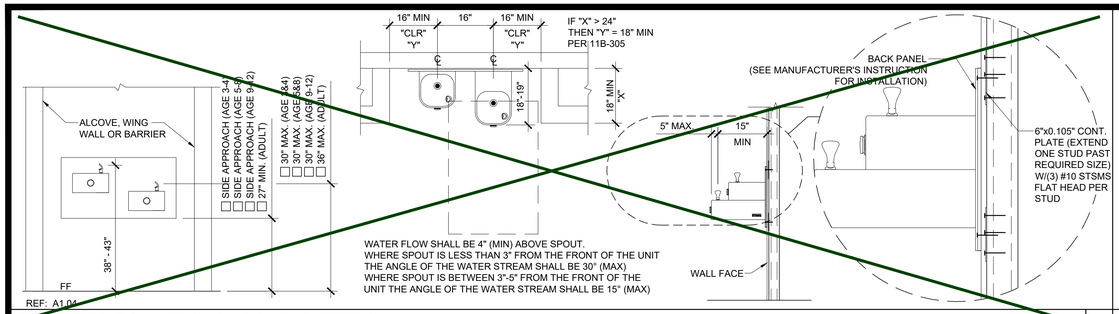
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24778 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

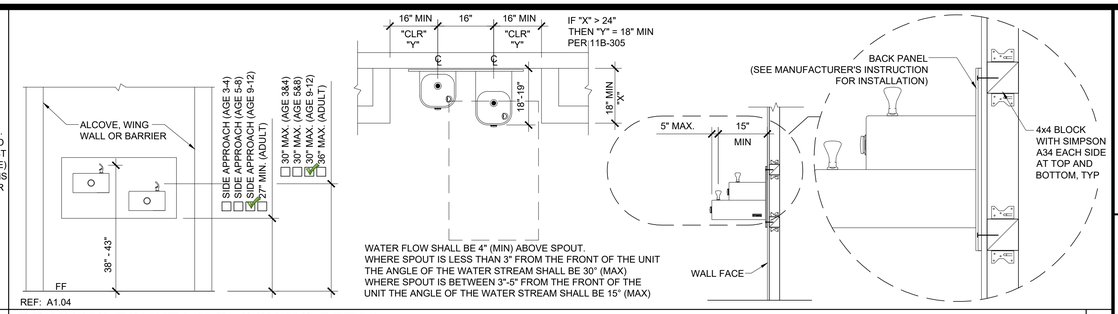
A-5.70



REF: A1.04

DRINKING FOUNTAIN BLOCKING DETAIL AT STEEL STUD

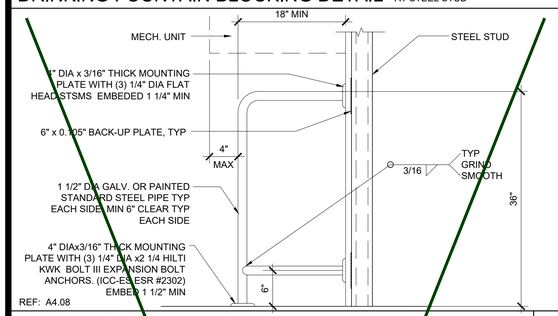
SCALE : 1/2" = 1'-0" | 11



REF: A1.04

DRINKING FOUNTAIN BLOCKING DETAIL AT WOOD STUD

SCALE : 1/2" = 1'-0" | 1



REF: A4.08

HVAC BARRIER - OPT. D.F. BARRIER AT STEEL STUD

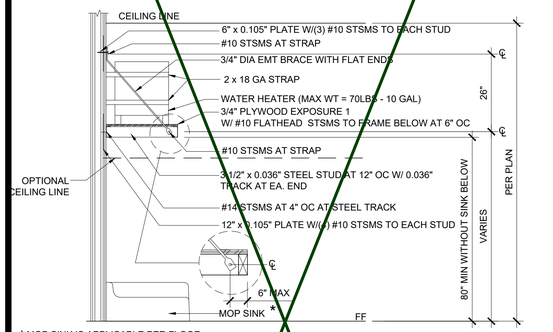
SCALE : 1" = 1'-0" | 17



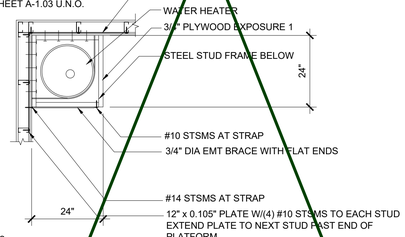
REF: A4.08

HVAC BARRIER - OPT. D.F. BARRIER AT WOOD STUD

SCALE : 1" = 1'-0" | 2



* MOP SINK IS APPLICABLE PER FLOOR PLANS ON SHEETS A-1.04 & A-1.06
MOP SINK NOT ALLOWED ON SINGLE STAFF RR APPLICATION PER FLOOR PLAN ON SHEET A-1.03 U.N.O.



REF: A1.02

WATER HEATER SHELF AT STEEL STUD

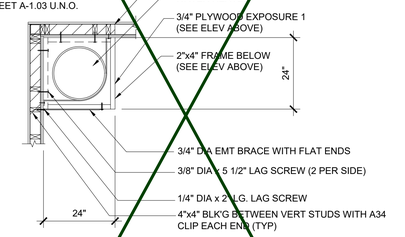
SCALE : 1/2" = 1'-0" | 19

NOT USED | 13

NOT USED | 8



* MOP SINK IS APPLICABLE PER FLOOR PLANS ON SHEETS A-1.04 & A-1.06
MOP SINK NOT ALLOWED ON SINGLE STAFF RR APPLICATION PER FLOOR PLAN ON SHEET A-1.03 U.N.O.

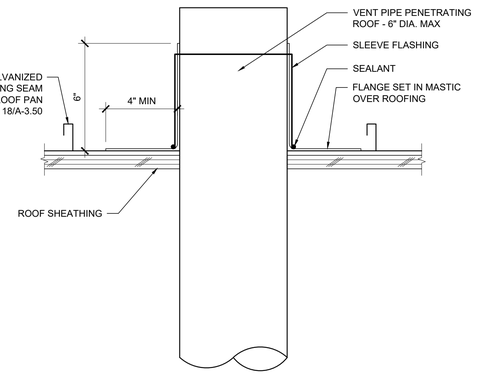


REF: A1.02

WATER HEATER SHELF AT WOOD STUD

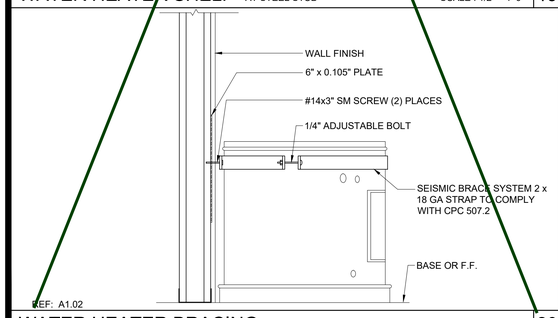
SCALE : 1/2" = 1'-0" | 4

NOT USED | 14



PIPE PENETRATION THROUGH ROOF

SCALE : 3"=1'-0" | 10

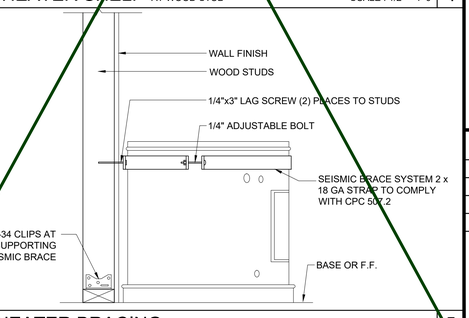


REF: A1.02

WATER HEATER BRACING AT STEEL STUD

SCALE : 1 1/2" = 1'-0" | 20

NOT USED | 15



REF: A1.02

WATER HEATER BRACING AT WOOD STUD

SCALE : 1 1/2" = 1'-0" | 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ARCHITECTURAL DETAILS
MISCELLANEOUS

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023

~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

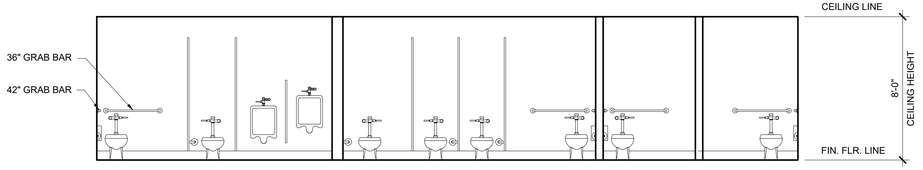
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24575 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

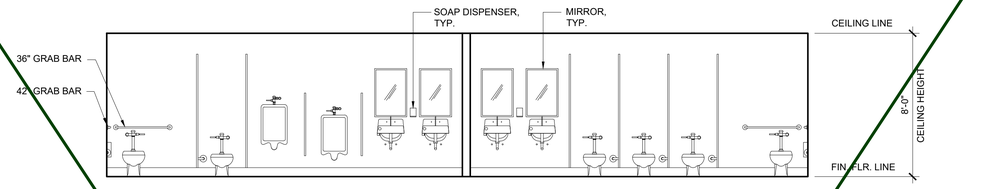
P.C. SHEET NUMBER

A-5.81



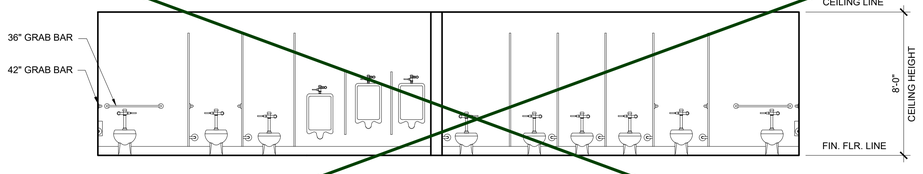
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

PLUMBING FIXTURE ELEVATION - OPTION C-2 (ADULT HEIGHT) SCALE: 1/4" = 1' - 0" 5



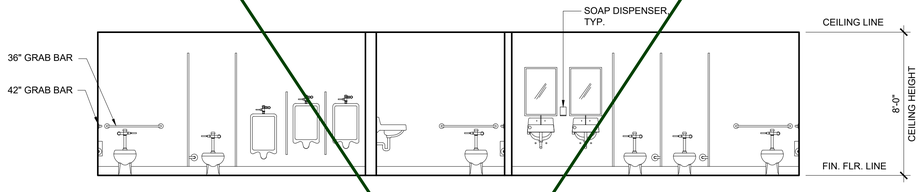
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

PLUMBING FIXTURE ELEVATION - OPTION A-1 AND A-2 (ADULT HEIGHT) SCALE: 1/4" = 1' - 0" 1



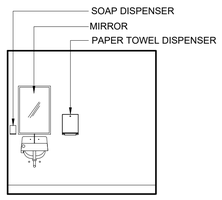
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

PLUMBING FIXTURE ELEVATION - OPTION D-1 (ADULT HEIGHT) SCALE: 1/4" = 1' - 0" 6



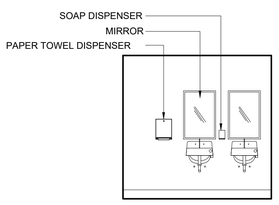
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

PLUMBING FIXTURE ELEVATION - OPTION B-1 (ADULT HEIGHT) SCALE: 1/4" = 1' - 0" 2



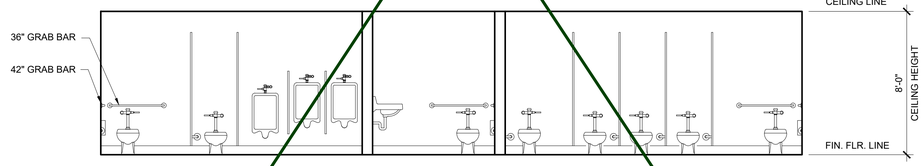
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

FIXTURE ELEVATION (TYP) - OPTION C-1 & C-2 SCALE: 1/4" = 1' - 0" 9



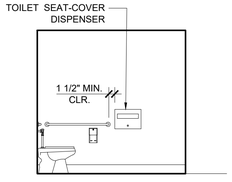
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

FIXTURE ELEVATION (TYP)-OPTION B-1, B-2, C-2 & D-1 SCALE: 1/4" = 1' - 0" 7



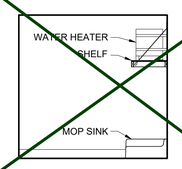
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

PLUMBING FIXTURE ELEVATION - OPTION B-2 (ADULT HEIGHT) SCALE: 1/4" = 1' - 0" 3



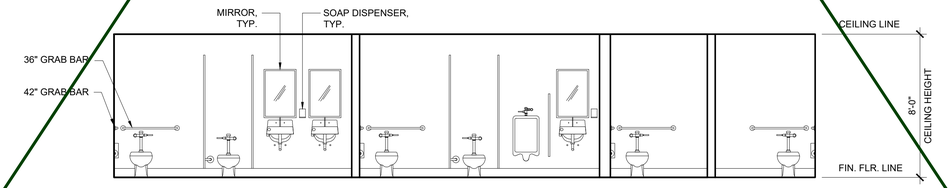
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

TOILET SEAT COVER DISPENSER ELEVATION SCALE: 1/4" = 1' - 0" 10



NOTE:
SEE SHEET A-5.81 FOR SHELF DETAILS.

MOP SINK + W/H ELEVATION-OPTION B-1, B-2, C-1, C-2 SCALE: 1/4" = 1' - 0" 8



NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

PLUMBING FIXTURE ELEVATION - OPTION C-1 (ADULT HEIGHT) SCALE: 1/4" = 1' - 0" 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

INTERIOR ELEVATIONS FLOOR MOUNTED "ADULT HEIGHT"

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
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2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

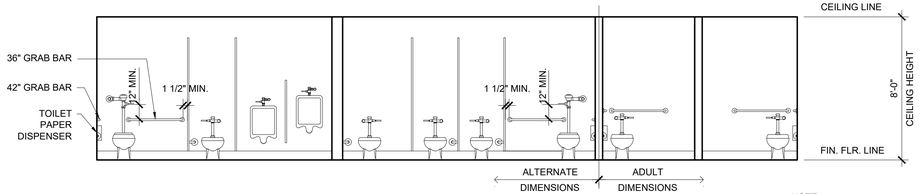
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24075 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

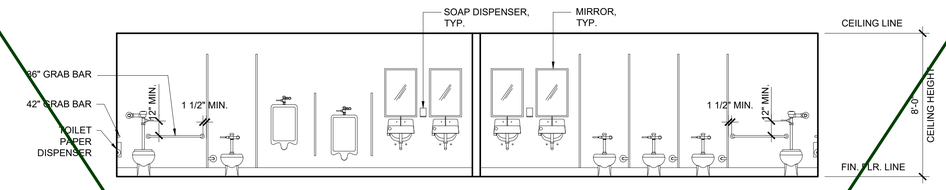
A-6.02



NOTE:
ADULT DIMENSIONS ARE REQUIRED IN STAFF RESTROOMS REGARDLESS OF OTHER AGE GROUPS

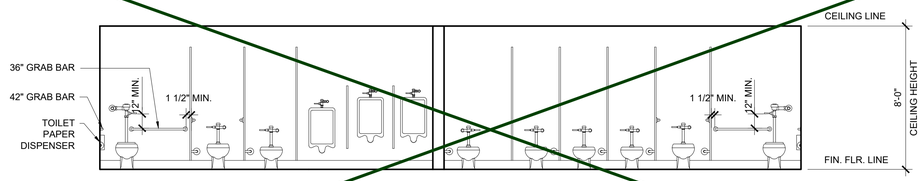
NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

PLUMBING FIXTURE ELEVATION - OPTION C-2 (AGE 5-8 & 9-12) SCALE: 1/4" = 1' - 0" 5



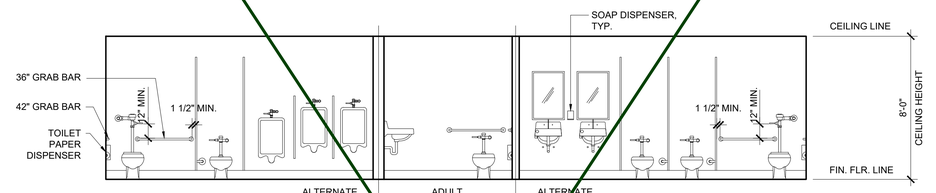
NOTE:
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PLUMBING FIXTURE ELEVATION - OPTION A-1 AND A-2 (AGE 5-8 & 9-12) SCALE: 1/4" = 1' - 0" 1



NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

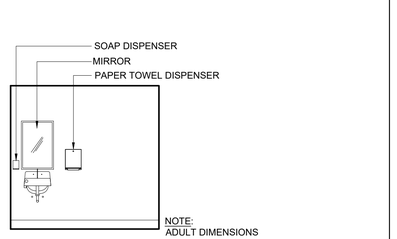
PLUMBING FIXTURE ELEVATION - OPTION D-1 (AGE 5-8 & 9-12) SCALE: 1/4" = 1' - 0" 6



NOTE:
ADULT DIMENSIONS ARE REQUIRED IN STAFF RESTROOMS REGARDLESS OF OTHER AGE GROUPS

NOTE:
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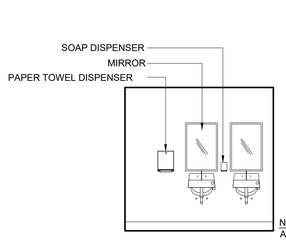
PLUMBING FIXTURE ELEVATION - OPTION B-1 (AGE 5-8 & 9-12) SCALE: 1/4" = 1' - 0" 2



NOTE:
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NOTE:
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FIXTURE ELEVATION (TYP) - OPTION C-1 & C-2 SCALE: 1/4" = 1' - 0" 9



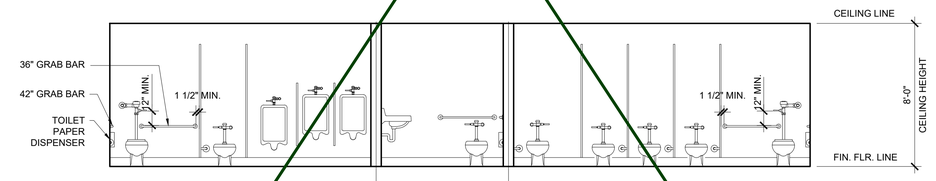
NOTE:
ADULT DIMENSIONS ARE REQUIRED IN STAFF RESTROOMS REGARDLESS OF OTHER AGE GROUPS

NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

FIXTURE ELEVATION (TYP)-OPTION B-1, B-2, C-2 & D-1 SCALE: 1/4" = 1' - 0" 7

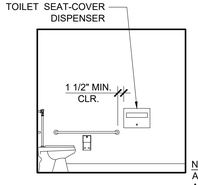
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NOTE:
ADULT DIMENSIONS ARE REQUIRED IN STAFF RESTROOMS REGARDLESS OF OTHER AGE GROUPS



NOTE:
SEE SHEET P-2.01 FOR ACCESSIBLE DIMENSIONING REQUIREMENTS.

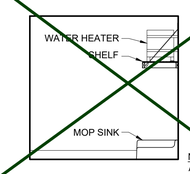
PLUMBING FIXTURE ELEVATION - OPTION B-2 (AGE 5-8 & 9-12) SCALE: 1/4" = 1' - 0" 3



NOTE:
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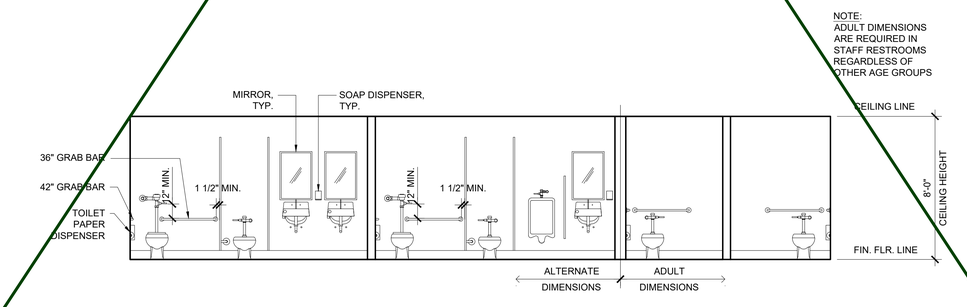
TOILET SEAT COVER DISPENSER ELEVATION SCALE: 1/4" = 1' - 0" 10



NOTE:
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NOTE:
SEE SHEET A-5.81 FOR SHELF DETAILS.

MOP SINK + W/H ELEVATION-OPTION B-1, B-2, C-1, C-2 SCALE: 1/4" = 1' - 0" 8



NOTE:
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NOTE:
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PLUMBING FIXTURE ELEVATION - OPTION C-1 (AGE 5-8 & 9-12) SCALE: 1/4" = 1' - 0" 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

INTERIOR ELEVATIONS FLOOR MOUNTED AGE 5-8 & 9-12

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
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Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

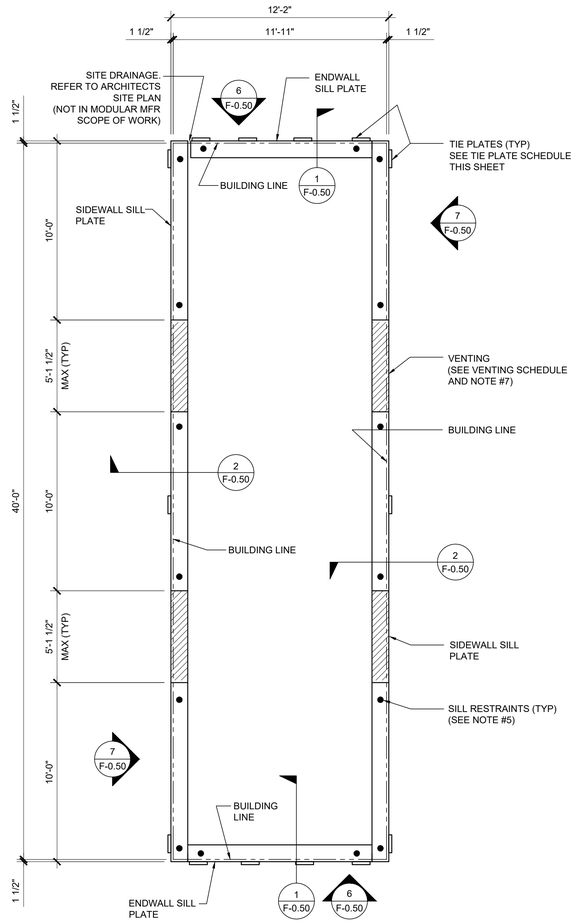
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 2475 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

A-6.04



NOTE:
MINIMUM FOUNDATION HEIGHT TO BE 18” IF THE BUILDING CARRIES UNDER FLOOR PLUMBING (MANIFOLDS)

FOUNDATION PLAN

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

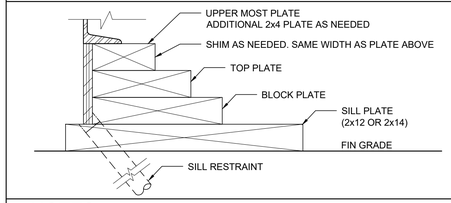
1

WOOD FOUNDATION PLATE SCHEDULE

50 PSF

PLATES	END WALL	SIDE WALL	
ADDITIONAL (AS NEEDED)	2x4	2x4	
TOP	2x6	2x6	
BLOCK	2x8 SEE NOTE #10	2x8	
SILL	2x12 SEE NOTE #10	2x12	

FOUNDATION PLATE DESCRIPTION



NOTES

1. BUILDINGS OVER 2,160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 1.4.
2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
3. FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
4. WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
5. SILL RESTRAINT:
   THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
6. STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153.
7. VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/F0.50.
10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE.
11. FOR FOUNDATION SPLICE - SEE 5/F-0.50.
12. CRAWLSPACE VAPOR RETARDERS (WHERE INDICATED):
    THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1202.4.1.2.
    MATERIALS:
    GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE FILM WITH RAT SLAB.
    INSTALLATION RECOMMENDATIONS:
    OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/F0.50; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE.
14. CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION.
15. IF PARAPET IS HIGHER THAN 18". COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING.
16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OR PARAPET OPTION.
17. VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
    A. VENTS HAVE A MINIMUM OF 2 SILL /BLOCKING PLATES BENEATH.
    B. VENTS ARE A MAXIMUM OF 6'-0" LONG x 3" MIN. HIGH.
    C. VENTS ARE SPACED A MINIMUM OF 8'-0" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.
18. WHERE THE BUILDING OCCURS ON OR ADJACENT TO A SLOPE (GREATER THAN 33%) THE SETBACK SHALL COMPLY WITH CBC SECTION 1808A.7. THE MINIMUM SETBACK AT THE TOP OF THE SLOPE SHALL BE NOT LESS THAN SMALLER OF 40'-0" OR 1/3 THE HEIGHT OF THE SLOPE. THE MINIMUM SETBACK AT THE BOTTOM OF THE SLOPE SHALL BE NOT LESS THAN THE SMALLER OF 15'-0" OR 1/2 THE HEIGHT OF THE SLOPE. THE SETBACK DISTANCES INDICATED HERE MAY BE REDUCED WHEN A SITE SPECIFIC GEOTECHNICAL REPORT IS PROVIDED.

NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
12' x 40'	8" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQUIRED VENTING	SIDE VENTING	TOTAL VENTING SUPPLIED
12' x 40'	480 SF	3.2 SF (1/150)	5.125' x 3" = (4) 1.28 SF/EA	5.12 SF SEE NOTE #8

TIE PLATE SCHEDULE (14 / F-0.50)

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
12' x 40'	3	4	14

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DATE: 09/18/2025

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

WOOD FOUNDATION PLAN
12x40
(50 PSF)

REVISIONS

1.
2.
3.
4.
5.

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

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DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
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DATE: 09/25/2023
PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

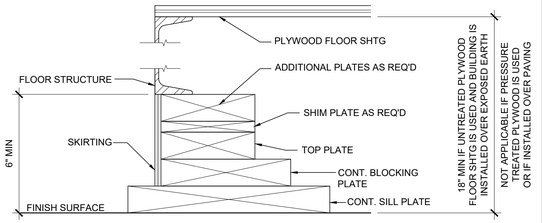
REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
2975
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

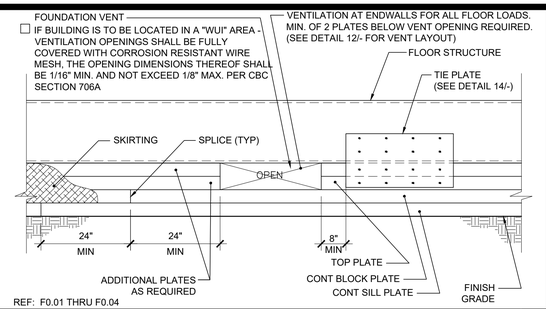
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NOTE:
SEE SCHEDULE ON SHEET S-1.01 TO DETERMINE IF PRESSURE TREATED PLYWOOD FLOOR SHTG IS BEING PROVIDED

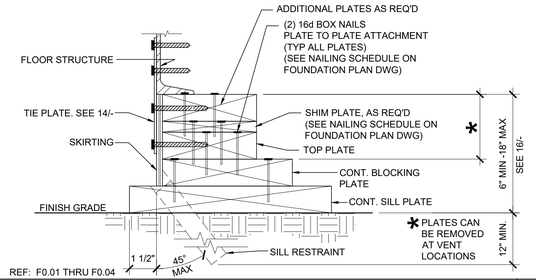
CLEARANCE TO PLYWOOD SHTG SCALE : 3"=1'-0" 16

NOT USED 11



REF: F0.01 THRU F0.04

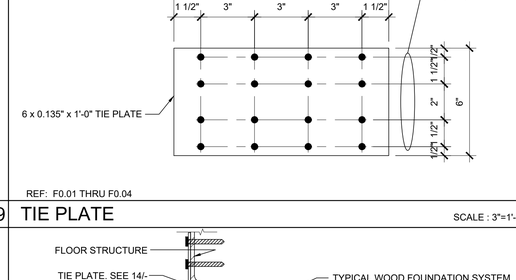
FOUNDATION ASSEMBLY END WALL ELEVATION SCALE : 1 1/2"=1'-0" 6



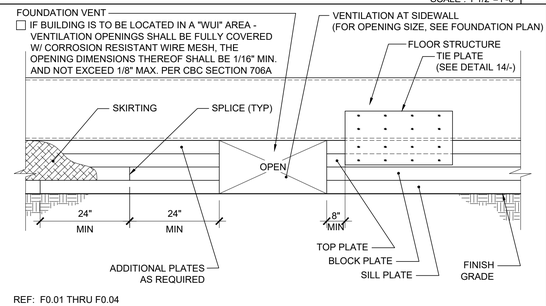
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FOUNDATION AT END WALL SCALE : 3"=1'-0" 1

NOT USED 17

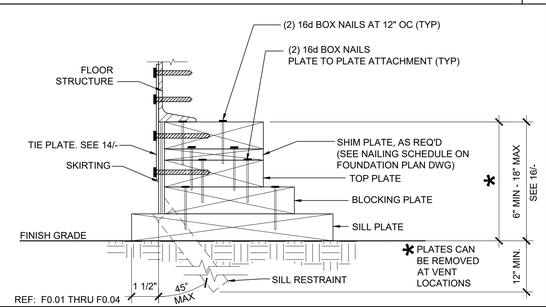


END WALL VENT SCALE : 1 1/2"=1'-0" 12



REF: F0.01 THRU F0.04

FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE : 1 1/2"=1'-0" 7



REF: F0.01 THRU F0.04

FOUNDATION AT SIDE WALL SCALE : 3"=1'-0" 2

NOT USED 18

REF: F0.01 THRU F0.04

TIE PLATE SCALE : 3"=1'-0" 14

NOT USED 8

NOTE:
MINIMUM FOUNDATION HEIGHT TO BE 18" IF THE BUILDING CARRIES UNDER FLOOR PLUMBING (MANIFOLDS)

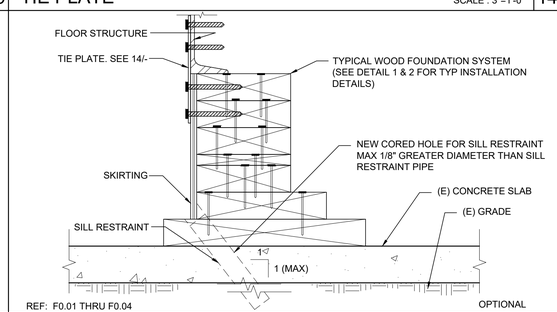
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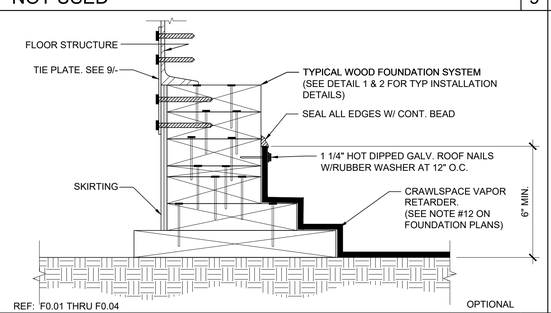
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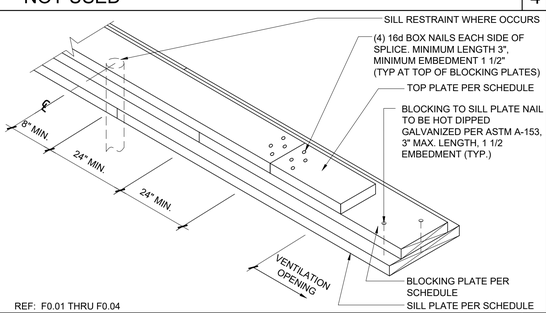
REF: F0.01 THRU F0.04

FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE : 3"=1'-0" 15



REF: F0.01 THRU F0.04

CRAWLSPACE VAPOR RETARDER SCALE : 3"=1'-0" 10



REF: F0.01 THRU F0.04

FOUNDATION SPLICE SCALE : NTS 5

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DATE: 09/18/2025

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

FOUNDATION DETAILS
WOOD

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
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~~PC STATE AGENCY APPROVAL~~

Silver Creek
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PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 29175 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

F-0.50

STRUCTURAL SPECIFICATIONS

FOUNDATIONS:

GEOTECHNICAL INVESTIGATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH SECTIONS 1803A.3 THROUGH 1803A.8. EXCEPTIONS, 1) GEOTECHNICAL REPORTS ARE NOT REQUIRED FOR ONE-STORY, WOOD-FRAME AND LIGHT-STEEL-FRAME BUILDINGS OF TYPE II OR TYPE V CONSTRUCTION AND 4,000 SQUARE FEET OR LESS IN FLOOR AREA, NOT LOCATED WITHIN EARTHQUAKE FAULT ZONES OR SEISMIC HAZARD ZONES AS SHOWN IN THE MOST RECENTLY PUBLISHED MAPS FROM THE CALIFORNIA GEOLOGICAL SURVEY (CGS) OR IN SEISMIC HAZARD ZONES AS DEFINED IN THE SAFETY ELEMENT OF THE LOCAL GENERAL PLAN, 2) A PREVIOUS REPORT FOR A SPECIFIC SITE MAY BE RESUBMITTED, PROVIDED THAT A REEVALUATION IS MADE AND THE REPORT IS FOUND TO BE CURRENTLY APPROPRIATE. ALLOWABLE FOUNDATION AND LATERAL SOIL PRESSURE VALUES MAY BE DETERMINED FROM TABLE 1806A.2 PER CBC SECTION 1803A.2

CONCRETE

PROVIDE NECESSARY SHIMS ON FOOTINGS NOT LEVEL WITHIN THE 1/2" ALLOWABLE TOLERANCE. THE DISTRICT SHALL PROVIDE CLEAR AND UNOBSTRUCTED ACCESS TO THE SITE. THE DISTRICT IS RESPONSIBLE FOR ALL SURVEYING, STAKING THE BUILDING CORNERS, SETTING THE FINISH FLOOR ELEVATION, RIGGING, CRANING, EXCAVATION, SPOIL REMOVAL, AND BACKFILL.

THE FOUNDATION AND THE METHOD OF FASTENING THE UNITS SHALL BE AS SHOWN ON DRAWINGS WHERE APPLICABLE. HIGH STRENGTH GROUT SHALL BE EMBECO 885 NON-SHRINK, METALLIC AGGREGATE GROUT OR A DSA APPROVED EQUAL.

THE DESIGN OF CONRETE FOUNDATIONS WILL BE AS FOLLOWS:

1. FURNISH AND INSTALL ALL CONCRETE WORK AS SHOWN ON THE DRAWINGS AND AS SPECIFIED.
2. EXCEPT AS MODIFIED BY THE REQUIREMENTS SPECIFIED HEREIN AND / OR THE DETAILS ON THE DRAWINGS, ALL WORK INCLUDED IN THIS SECTION SHALL CONFORM TO THE APPLICABLE PROVISIONS OF CODES AND STANDARDS.
   a) ALL WORK AND MATERIALS SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS, AND CHAPTER 19A.
   b) AMERICAN CONCRETE INSTITUTE (ACI): BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI318-14.
   c) SOCIETY FOR TESTING AND MATERIALS (ASTM): THE SPECIFICATIONS AND STANDARDS HEREINAFTER REFERENCED TO SHALL BE OF THE LATEST EDITION.
3. CONCRETE FOUNDATION TESTS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT AND OR INSPECTOR.
4. DESIGN MIXES SHALL BE AS FOLLOWS:

   ☑ WHERE A GEOTECHNICAL REPORT IS NOT PROVIDED:
   MINIMUM COMPRESSIVE STRENGTH = 5,000 PSI
   MAXIMUM WATER/CEMENT RATIO = 0.40
   CEMENT TYPE = V COMPLYING WITH ACI 318-19, TABLE 19.3.2.1, FOOTNOTE 8
   NORMAL WEIGHT
   NO ADMIXTURES CONTAINING CALCIUM CHLORIDE

   ☐ WHERE A GEOTECHNICAL REPORT IS PROVIDED WHICH INDICATES ONE OF THE FOLLOWING EXPOSURE CLASSIFICATIONS (F0, F1, S0, S1, W0, W1, C0, C1)
   MINIMUM COMPRESSIVE STRENGTH = 4,000 PSI
   MAXIMUM WATER/CEMENT RATIO = 0.50
   CEMENT TYPE = II/V
   NORMAL WEIGHT

   NOTE: WHERE CONCRETE IS EXPOSED TO THAW AND FREEZE CYCLES IT SHALL BE AIR ENTRAINED PER ACI 318 SECTION 19.3.3.1.

5. FORMS SHALL BE SUBSTANTIAL, PLUMB, LEVEL, SQUARE, TRUE TO LINE, WATER TIGHT AND ACCURATE TO THE DIMENSIONS REQUIRED.
6. THE ARCHITECT SHALL APPROVE LOCATION OF:
   a) OPENINGS FOR MECHANICAL AND ELECTRICAL: PROVIDE FOR OPENINGS IN THE CONCRETE WITH THE TRADE(S) INVOLVED AND INSTALL SLEEVES AS MAY BE REQUIRED.
   b) OPENINGS FOR VENT WELLS FOR UNDER FLOOR VENTILATION: PROVIDE FOR ALL OPENINGS IN THE CONCRETE WITH THE TRADE(S) INVOLVED. INSTALL ALL SLEEVES AS MAY BE REQUIRED.
7. VARIANCE IN TOP OF STEMWALL AND/OR ANCHOR PLATE SURFACE SHALL BE NO MORE THAN 1/16" IN 10 FEET
8. ANCHOR BOLTS, DOWELS, REINFORCING STEEL, AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED "WET SETTING" IS NOT ALLOWED.
9. REFER TO ARCHITECTURAL, ELECTRICAL, AND MECHANICAL PLANS FOR SLEEVES, INSERTS CURBS, DEPRESSED AREAS, AND ETC.
10. CONCRETE MIX REQUIRED: CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGN FOR FOOTINGS TO PROFESSIONAL OF RECORD FOR APPROVAL PRIOR TO POURING CONCRETE.

1705A.3.3. WAIVER OF BATCH PLAN INSPECTION.

A. WHEN BATCH PLANT INSPECTION IS WAIVED, THE FOLLOWING REQUIREMENTS SHALL APPLY:

1. QUALIFIED TECHNICIAN OF THE TESTING LABORATORY SHALL CHECK THE FIRST BATCHING AT THE START OF DAY.
2. LICENSED WEIGHMASTER TO POSITIVELY IDENTIFY MATERIALS AS TO QUANTITY AND CERTIFY TO EACH LOAD BY A TICKET.
3. BATCH TICKETS, INCLUDING ACTUAL MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD AND SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY A TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR WILL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK , IT'S LOAD, TIME OF RECEIPT AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND WILL TRANSMIT A COPY OF THE DAILY RECORD TO THE ENFORCEMENT AGENCY.

REINFORCING STEEL:

1. MATERIAL: ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 MIN. GRADE 60. EXCEPT #3 ANCHOR REINFORCEMENT SHALL BE GRADE 40.
2. SPLICES: ALL SPLICES SHALL BE LAPPED A MINIMUM 48" #5 BARS AND 30" #4 BARS UNLESS OTHERWISE DETAILED.
3. REINFORCING FABRICATION AND PLACEMENT: FABRICATION AND PLACING OF REINFORCING SHALL CONFORM TO THE "CODE OF STANDARD PRACTICE AND SPECIFICATIONS FOR PLACING REINFORCEMENT OF THE CONCRETE REINFORCING STEEL INSTITUTE".
4. MINIMUM COVERAGE: ALL REINFORCING SHALL HAVE THE FOLLOWING MINIMUM COVERAGE WITH CONCRETE:

LOCATION	AMOUNT
FORMED EARTH	2"
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
WALL-EXPOSED FACE	
#5 OR SMALLER	2"
#6 OR LARGER	2"
WALL-UNEXPOSED FACE	3/4"

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL OTHER THAN TUBE AND PIPE COLUMNS SHALL CONFORM TO ASTM A-36.
2. TUBE COLUMNS SHALL CONFORM TO ASTM A500 GRADE B, OR A1085
3. PIPE COLUMNS SHALL CONFORM TO ASTM A501 OR ASTM A53, TYPE E OR S, GRADE B. OR A1085
4. TUBE STEEL USED FOR RAMPS & STAIRS SHALL CONFORM TO ASTM A513 GRADE MT1020 OR BETTER

STEEL FRAME BUILDING/STEEL FRAME CONSTRUCTION SHALL MEET THE MINIMUM DESIGN REQUIREMENTS OF STUD SPACING, ETC. PER LATEST EDITION OF 2022 CALIFORNIA BUILDING CODE. ALL WORK AND MATERIALS SHALL CONFORM TO THE "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES," AMERICAN INSTITUTE OF STEEL CONSTRUCTION: TITLE 24, CCR, AND UNIFORM BUILDING CODE. STRUCTURAL STEEL SHALL BE MADE EITHER THE OPEN-HEARTH OR ELECTRIC FURNACE PROCESS ONLY AND SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL STEEL" ASTM DESIGNATION A36, CURRENT EDITION.

ROOF FRAMING, FLOOR FRAMING, AND WALL FRAMING SHALL BE PER MANUFACTURER'S PC PLANS AND PER APPLICABLE CODES.

ALL STRUCTURAL MEMBERS BELOW THE SUB-FLOOR, IE, GIRDERS, JOISTS, HEADERS, BLOCKING, SHALL BE STEEL. MINIMUM JOIST SPACING SHALL BE PER PLAN.

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE AISC STANDARD SPECIFICATIONS, THE APPLICABLE REGULATORY AGENCY AND THE AMERICAN IRON AND STEEL INSTITUTE SPECIFICATIONS FOR DESIGN OR LIGHT GAUGE STEEL STRUCTURAL MEMBERS. WELDING: SHALL COMPLY WITH THE PERTINENT PROVISIONS OF THE APPLICABLE REGULATORY AGENCY. ALL WELDING SHALL BE DONE BY OPERATORS WHO ARE QUALIFIED AS PRESCRIBED IN THE "QUALIFICATION PROCEDURE" OF THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPE OF WORK REQUIRED.

STEEL SHALL BE COATED WITH ONE SHOP COAT OF MANUFACTURER'S STANDARD CHASSIS PAINT OR EQUAL.

BOLTS:

ALL COMMON BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A-307.

STRUCTURAL WELDING: SPECIAL INSPECTOR REQUIRED

GENERAL: DURING THE WELDING OF ANY MEMBER OR CONNECTION THAT IS DESIGNED TO RESIST LOADS AND FORCES REQUIRED BY THIS CODE.

ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT/LBS AT MINUS 20 DEGREES F AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION.

ALL STRUCTURAL WELDING SHALL BE BY "ELECTRIC ARC PROCESS" PER AWS STANDARD CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION. ALL LIGHT GAUGE STEEL (SHEET STEEL) SHALL BE WELDED PER AWS D1.3. ALL REINFORCING STEEL SHALL BE WELDED WITH LOW HYDROGEN RODS PER AWS D1.4, OR REINFORCING STEEL SHALL CONFORM TO ASTM A-706. ALL SHOP WELDED MUST BE PERFORMED BY "APPROVED" WELDERS IN A SHOP OF A LICENSED FABRICATOR. ALL FIELD WELDING SHALL BE PERFORMED BY "APPROVED" WELDERS. ELECTRODES SHALL BE E70XX FOR STRUCTURAL STEEL AND REBAR AND SHALL BE E60XX FOR LIGHT GAUGE STEEL. ★ (SEE OPTIONAL PROCESS)

THE SPECIAL INSPECTOR NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF THE FOLLOWING ITEMS, PROVIDED THE MATERIALS, WELDING PROCEDURES AND QUALIFICATION OF 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.

a) FLOOR AND ROOF DECK WELDING.
b) WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM OR COMPOSITE SYSTEMS.
c) WELDED SHEET STEEL FOR COLD-FRAMED STEEL FRAMING MEMBERS SUCH AS STUDS AND JOISTS WHICH ARE NOT PART OF AN ORDINARY MOMENT FRAME.
d) SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16".

MATERIAL SHALL BE IDENTIFIED BY MARKING OR STAMPING THE I.D. NUMBER ON STRUCTURAL STEEL COMPONENTS BY LICENSED FABRICATION SHOP.

ALL BUTT, BEVEL, GROOVE, VEE, U AND J WELDS SHALL BE PREQUALIFIED COMPLETE PENETRATION WELDS.

FILLER MATERIAL FOR WELDING: SHIELDED METAL-ARC: AWS A5.1 OR 15.5 E70XX ELECTRODES.

HOLES IN STRUCTURAL STEEL SHALL NOT BE PERMITTED UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS.

STRUCTURAL STEEL SHALL BE THOROUGHLY CLEANED BY SCRAPING OR WIRE BRUSHING AND SHOP PRIMED.

ALL STEEL WORK, INCLUDING WELD AND CONNECTIONS EXCEPT WHERE ENTIRELY ENCASED IN CONCRETE SHALL BE GIVEN ONE COAT OF ACCEPTABLE METAL PROTECTION WELL WORKED INTO JOINTS AND OPEN SPACES.
★ OPTIONAL USE OF: FCAW PROCESS: E71T-8 FOR STRUCTURAL/REBAR (MEETS ALL CHARPY REQUIREMENTS)
E71T-11 FOR METAL DECKING

COLD-FORMED STEEL FRAMING:
STRUCTURAL LIGHT GAUGE STEEL FRAMING AND ACCESSORIES SHALL BE FABRICATED IN ACCORDANCE WITH ASTM A-1011/A GRADE AS LISTED BELOW, SEE PLAN FOR MINIMUM YIELD.
MATERIAL THICKNESS 11GA OR LESS: ASTM A-1011/A GRADE 33 (UNO)
MATERIAL THICKNESS 10GA OR GREATER: ASTM A-1011/A GRADE 40

SHEET STEEL DESIGNATION (GAUGE)	MINIMUM DELIVERED THICKNESS (INCHES)
26	0.017
22	0.029
20	0.034
18	0.046
16	0.057
14	0.071
12	0.100
11	0.114
10	0.128

LIGHT GAUGE STEEL STUDS AND TRACKS SHALL COMPLY WITH ASTM A-1003 STRUCTURAL GRADE 33 TYPE H

ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.3, "STRUCTURAL WELDING CODE - SHEET STEEL". QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH AWS D1.1, CHAPTER 5, PART C, "WELDER QUALIFICATIONS".

BOLTS, SCREWS, ETC. EXPOSED TO THE EXTERIOR SHALL BE GALVANIZED

MACHINE BOLTS USED SHALL CONFORM TO SPECIFICATIONS OF ASTM STANDARD A-307.

NTD:
(b) CJP GROOVE WELD NDT
ULTRASONIC TESTING SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 5/16 in. (8mm) THICK OR GREATER. ULTRASONIC TESTING IN MATERIALS LESS THAN 5/16 in. (8 mm) THICK IS NOT REQUIRED. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25 PERCENT OF ALL BEAM-TO-COLUMN CJP GROOVE WELDS.

WOOD:

FRAMING: ALL FRAMING LUMBER SHALL BE GRADE MARKED BY AN APPROVED GRADING AGENCY AND SHALL BE OF THE FOLLOWING MINIMUM GRADES OR BETTER, PER WCLB RULES #16. MOISTURE CONTENT = 19% MAX.
PLATES AND BLOCKING - STANDARD GRADE OR BETTER
STUDS AND HEADER = HF #2, OR DF #2, OR BETTER

SHEATHING:

AMERICAN PLYWOOD ASSOCIATION PS 1-07. EACH SHEET SHALL BE GRADE MARKED BY THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL CONFORM TO THE REQUIREMENTS OF STANDARD GRADE GROUP 1 OR BETTER GRADE STAMPED AND IDENTIFIED UNDER THE PROCEDURES AND QUALIFICATIONS SET FORTH BY PS 1-07.

1. PLYWOOD SUB FLOOR: 1 1/8" T&G UNBLOCKED PLYWOOD. PROVIDE SEAMLESS WOVEN POLYFLEX BOTTOM BOARD FOR MOISTURE PROTECTION
2. PLYWOOD ROOF DECK: APA RATED 3/4" T&G OSB OR EQUIVALENT RATED SHEATHING WITH APPROVAL FROM DSA
3. EXTERIOR WALL SIDING:
   i. STANDARD: 5/8" DURATEMP OR 5/8" SMART PANEL
   ii. OPTIONAL: 1/2" OSB OR CDX PLYWOOD FOR PLASTER/STUCCO FINISH
4. EXTERIOR WALL SIDING ATTACHMENT:
   FASTENERS USED FOR THE ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE HOT-DIPPED GALVANIZED, MECHANICALLY DEPOSITED ZINC-COATED, STAINLESS STEEL, SILICON BRONZE OR COPPER PER CBC SECTION 2304.10.1.1

TREATED WOOD:

ALL WOOD INCLUDING WOOD SHEATHING IN CONTACT WITH CONCRETE OR MASONRY AND LOCATED LESS THAN 18" FROM EXPOSED EARTH SHALL BE "PRESERVATIVE TREATED" OR SHALL BE "NATURALLY DURABLE" MATERIAL PER (CBC SECTION 2304.12.1.2).

1. ALL ROUGH LUMBER SHALL BE DF #2 OR BETTER.
2. WOOD FASTENERS OTHER THAN SCREWS.
   ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, AND RAMSET POWER DRIVEN FASTENERS (ICC# ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138, OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA.
3. FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER PER CBC 2304.10.5.1

CONTINUOUS INSPECTION:

PROJECT INSPECTOR TO PROVIDE CONTINUOUS FIELD INSPECTION.

IN-PLANT INSPECTOR SHALL PROVIDE CONTINUOUS INSPECTION IN-PLANT

METALS, STRUCTURAL, AND MISC. STEEL:

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, AND SERVICES REQUIRED FOR STRUCTURES AND MISCELLANEOUS STEEL AS SPECIFIED AND INDICATED IN THE DRAWINGS.

STEEL SHEETS: STEEL SHEETS FOR LIGHT GAUGE STEEL SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-1011/A, GRADE 40 U.O.N. SHEET METAL GRAVEL STOPS AND FLASHINGS SHALL BE MINIMUM 0.030 THICKNESS AND SHALL BE GALVANIZED.

ERECTION:
ALL STRUCTURAL STEEL SHALL BE ERECTED TRUE, STRAIGHT, PLUMB AND TO ITS DESIGNED LOCATION. TEMPORARY BRACING OR SHORING SHALL BE INSTALLED WHEREVER NECESSARY TO TAKE CARE OF LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING ERECTION EQUIPMENT AND THE OPERATION OF SAME. CONNECTIONS SHALL BE ADEQUATE TO WITHSTAND STRESSES TO WHICH THEY ARE NORMALLY SUBJECTED. CONNECTIONS SHALL BE STEEL, EXCEPT AS OTHERWISE NOTED. FIELD CONNECTIONS SHALL BE BOLTED OR WELDED AS SHOWN ON THE DRAWINGS.

SHOP PAINT:

* EXPOSED STEEL COATED WITH ONE SHOP COAT OF PRIMER.
* NON-EXPOSED STEEL COATED WITH ON SHOP COAT OF PRIMER.
* ALL SURFACES THOROUGHLY CLEANED BY EFFECTIVE MEANS PRIOR TO APPLICATION OF SHOP COATS.

POWER DRIVEN FASTENERS FOR SILL PLATE, WOOD NAILERS TO STEEL COLUMNS, AND SHEET METAL TO STRUCTURAL STEEL:

ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, OR RAMSET POWER DRIVEN FASTENERS (ICC# ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138, OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA.

WOOD ROUGH CARPENTRY:

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS AND STEPS NECESSARY TO PROTECT ALL COMPLETED, SEMI-COMPLETED, AND TEMPORARY WORK FROM COMMENCEMENT OF PROJECT TO COMPLETE, SEMI-COMPLETION OF SAME ANY PORTION OF THE WORK DAMAGED OR DISFIGURED SHALL BE SATISFACTORILY REPAIRED OR REPLACED AND THE WORK AS A WHOLE LEFT WITHOUT BLEMISH AT FINAL ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY MEASUREMENTS AT THE BUILDING, THE ACCURATE FITTING OF ALL WORK AND PROPER ACCOMMODATION OF OTHER TRADES.

DESCRIPTION OF WORK:
THIS SECTION INCLUDES FURNISHING OF ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, TRANSPORTATION, AND FACILITIES TO COMPLETE ROUGH CARPENTRY AS INDICATED IN THE DRAWINGS AND AS SPECIFIED HEREIN.

WORKMANSHIP:
ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE, SHALL BE ACCURATE AS TO MEASUREMENT AND SHALL BE CAREFULLY DONE, PLYWOOD SHEATHING SUBFLOOR SHALL PROVIDE A SMOOTH UNIFORM SURFACE CAPABLE PROPERLY ACCEPTING A CARPET FINISH.

ROOF DIAPHRAGM:
3/4" T&G APA RATED SHEATHING - STRUCTURE 1 EXPOSURE 1
SPAN RATING 48/24 MIN.
FASTEN TO ROOF JOISTS AND BEAMS W/ #10 X 1 1/4" LG. SELF DRILLING SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEKS SCREWS AT 6" OC AT BOUNDARIES, 6" OC AT EDGES, AND 6" OC FIELD SCREWS. MIN. 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2306.2.

FLOOR DIAPHRAGM:
1 1/8" PLYWOOD - STURD-I-FLOOR
EXTERIOR - TONGUE AND GROOVE EDGES
SPAN RATING: 48"
FASTEN TO FLOOR JOISTS AND BEAMS W/ #10 - 24 X 1 3/4 LG. SELF-DRILLING, SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEKS SCREWS MIN. 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2306.2.

CONCRETE FLOOR DATA: LIGHTWEIGHT CONCRETE FLOOR
STRENGTH: 3000 PSI MIN
TYPE: I OR II
DENSITY: 110 PCF - MAX

DIMENSION LUMBER ATTACHMENT TO STEEL FRAMING:
2 X STUDS AT CORNER STEEL COLUMNS (NAILING STUD)
USE: #10 - 24 X 2 1/2" LG. SELF-DRILLING SELF-TAPPING PHILLIPS FLAT-HEAD WITH WASHER ZINC COATED TEK SCREWS AT 24" O.C.

REFERENCE STANDARDS NOTES:

INTENT OF DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE BUILDING IN ACCORDANCE WITH THE STATE OF CALIFORNIA, CALIFORNIA CODE OF REGULATIONS, PART 1, 2, 3, 4, 5, 6, 9, AND 12, SUB-CHAPTER 1. CALIFORNIA BUILDING CODE, 2022 EDITION, MANUAL OF STEEL CONSTRUCTION, (AISC) 15TH EDITION, AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE, AWS D1.1, AMERICAN INSTITUTE OF TIMBER CONSTRUCTION STANDARD, (AITC) 109 ARCHITECTURAL SHEET METAL MANUAL, AIA FILE NO. 12-L (SMACNA) LATEST ADOPTED EDITION UNLESS OTHERWISE NOTED.

WORKMANSHIP:
WORKMANSHIP AND MATERIALS SHALL BE SUCH THAT BUILDING WILL BE WEATHERTIGHT AND WATERTIGHT.

INSPECTIONS:
A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

CHANGES:
CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

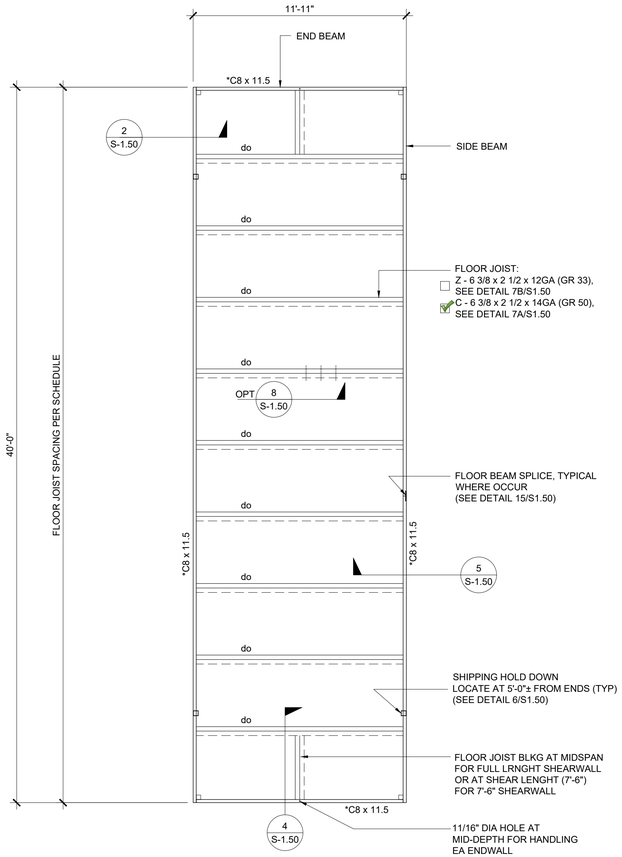
NAILING NOTES:
1. ALL NAILS SHALL BE COMMON UNLESS OTHERWISE NOTED
2. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO THE SECOND MEMBER, AND SHALL BE NOT LESS THAN 3" IN OVERALL LENGTH. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING, PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

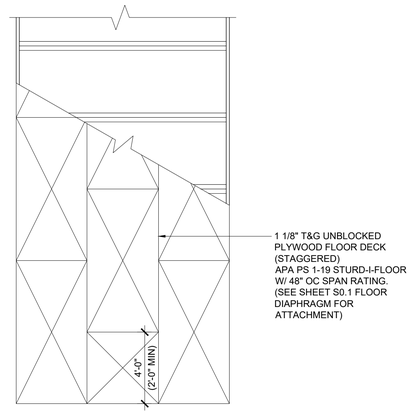
CONNECTION AND FASTENERS:
ALL CONNECTIONS AND FASTENERS AS STATED ON THESE DRAWINGS CAN BE SUBSTITUTED BY AN EQUIVALENT PRODUCT WITH ICC REPORTS AND APPROVAL BY DSA.

CONNECTION OF LAG SCREWS:
AS REQUIRED PER ANSI / AF&FA NDS-2012, LAG SCREWS MUST BE INSTALLED INTO A PRE-DRILLED PILOT HOLE WITH A STANDARD WASHER AND TURNED WITH A WRENCH. DO NOT DRIVE IN WITH A HAMMER. OVER-TORQUING CAN SIGNIFICANTLY REDUCE THE LATERAL RESISTANCE OF THE LAG SCREW AND SHOULD BE AVOIDED.

FASTENING SCHEDULE (2022 CBC TABLE 2304.10.1)

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Roof		
1. Blocking between ceiling joists, rafters or trusses to top plate or other framing below	3-8d common (2 1/2" × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss	2-8d common (2 1/2" × 0.131") 2-3" × 0.131" nails 2-3" 14 gage staples	Each end, toenail
	2-16 d common (3 1/2" × 0.162") 3-3" × 0.131" nails 3-3" 14 gage staples	End nail
Flat blocking to truss and web filler	16d common (3 1/2" × 0.162") @ 6" o.c. 3" × 0.131" nails @ 6" o.c. 3" × 14 gage staples @ 6" o.c	Face nail
2. Ceiling joists to top plate	3-8d common (2 1/2" × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each joist, toenail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thrust) (see Section 2308.7.3.1, Table 2308.7.3.1)	3-16d common (3 1/2" × 0.162"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
4. Ceiling joist attached to parallel rafter (heel joint) (see Section 2308.7.3.1, Table 2308.7.3.1)	Per Table 2308.7.3.1	Face nail
5. Collar tie to rafter	3-10d common (3" × 0.148"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
6. Rafter or roof truss to top plate (See Section 2308.7.5, Table 2308.7.5)	3-10 common (3" × 0.148"); or 3-16d box (3 1/2" × 0.135"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131 nails; or 4-3" 14 gage staples, 7/16" crown	Toenail[c]
7. Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown; or	End nail
	3-10d common (3" × 0.148"); or 4-16d box (31/2" × 0.135"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail
Wall		
8. Stud to stud (not at braced wall panels)	16d common (3 1/2" × 0.162");	24" o.c. face nail
	10d box (3" × 0.128"); or 3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail
9. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)	16d common (3 1/2" × 0.162"); or	16" o.c. face nail
	16d box (3 1/2" × 0.135"); or	12" o.c. face nail
	3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	12" o.c. face nail
10. Built-up header (2" to 2" header)	16d common (3 1/2" × 0.162"); or	16" o.c. each edge, face nail
	16d box (3 1/2" × 0.135")	12" o.c. each edge, face nail
11. Continuous header to stud	4-8d common (2 1/2" × 0.131"); or 4-10d box (3" × 0.128")	Toenail
12. Top plate to top plate	16d common (3 1/2" × 0.162"); or	16" o.c. face nail
	10d box (3" × 0.128"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
13. Top plate to top plate, at end joints	8-16d common (3 1/2" × 0.162"); or 12-10d box (3" × 0.128"); or 12-3" × 0.131" nails; or 12-3" 14 gage staples, 7/16" crown	Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)
14. Bottom plate to joist, rim joist, band joist or blocking (not at braced wall panels)	16d common (3 1/2" × 0.162"); or	16" o.c. face nail
	16d box (3 1/2" × 0.135"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
15. Bottom plate to joist, rim joist, band joist or blocking at braced wall panels	2-16d common (3 1/2" × 0.162"); or 3-16d box (3 1/2" × 0.135"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	16" o.c. face nail
16. Stud to top or bottom plate	4-8d common(2 1/2" × 0.131"; or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown; or	Toenail
	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	End nail
17. Top plates, laps at corners and intersections	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail
18. 1" brace to each stud and plate	2-8d common (2 1/2" × 0.131"); or 2-10d box (3" × 0.128"); or 2-3" × 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Face nail
19. 1" × 6" sheathing to each bearing	2-8d common (2 1/2" × 0.131"); or 2-10d box (3" × 0.128")	Face nail
20. 1" × 8" and wider sheathing to each bearing	3-8d common (2 1/2" × 0.131"); or 3-10d box (3" × 0.128")	Face nail
Floor		
21. Joist to sill, top plate, or girder	3-8d common (2 1/2" × 0.131"); or floor 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Toenail
22. Rim joist, band joist, or blocking to top plate, sill or other framing below	8d common (2 1/2" × 0.131"); or 10d box (3" × 0.128"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	6" o.c., toenail
23. 1" × 6" subfloor or less to each joist	2-8d common (2 1/2" × 0.131"); or 2-10d box (3" × 0.128")	Face nail
24. 2" subfloor to joist or girder	2-16d common (3 1/2" × 0.162")	Face nail
25. 2" planks (plank & beam — floor & roof)	2-16d common (3 1/2" × 0.162")	Each bearing, face nail
26. Built-up girders and beams, 2" lumber layers	20d common (4" × 0.192")	32" o.c., face nail at top and bottom staggered on opposite sides
	10d box (3" × 0.128"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	24" o.c. face nail at top and bottom staggered on opposite sides
	And: 2-20d common (4" × 0.192"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Ends and at each splice, face nail
27. Ledger strip supporting joists or rafters	3-16d common (3 1/2" × 0.162"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Each joist or rafter, face nail





* NOTE:
FLOOR BEAMS MAY VARY, SEE COLUMN SCHEDULE
SHEET S-3.01 THRU S-3.02

NOTES:

1. FOR FLOOR BLOCKING SEE DETAILS 4,7A / S-1.50 (STD), 4,7B / S-1.50 (ALT)
2. FOR BUILDINGS ON WOOD FOUNDATION SYSTEMS, PROVIDE 11/16" DIA. HOLE AT BOTTOM FLANGE OF FLOOR BEAM FOR LAG SCREW ATTACHMENT TO FOUNDATION PLATES BELOW. FOR EXACT HOLE LOCATIONS, SEE FOUNDATION PLAN.
3. FLOOR SHEATHING SHALL BE PRESSURE TREATED WOOD OR NATURALLY DURABLE IF BOTTOM OF WOOD IS LESS THAN 18" CLEAR FROM EXPOSED EARTH.
4. HSS COLUMN SCHEDULES ON SHEETS S-3.01 THRU S-3.02

FLOOR JOIST TABLE

	LIVE LOAD PSF	JOIST SPACING	
		CLASSROOM ☑	OFFICE ☐
☑	50	32"	32" DBL JOIST
☐	50	24"	24" DBL JOIST
☐	50	16"	16" DBL JOIST

FLOOR SHEATHING

☐ PRESSURE TREATED
☑ NON-PRESSURE TREATED

NOTE:
PRESSURE TREATED SHEATHING SHALL ONLY BE PROVIDED WHEN WOOD FOUNDATIONS ARE USED AND EXPOSED EARTH OCCURS WITHIN THE FOUNDATION AT A DISTANCE OF LESS THAN 18" BELOW THE UNDERSIDE OF THE FLOOR SHEATHING. SEE 16/F-0.50 FOR ADDITIONAL INFORMATION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

FLOOR FRAMING PLAN
WOOD FLOOR

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

~~APPROVED~~
~~DIV. OF THE STATE ARCHITECT~~
~~APP: 04-122000 PC~~
~~REVIEWED FOR~~
~~SS ☑ FLS ☑ ACS ☑ CG ☑~~
~~DATE: 09/25/2023~~
~~PS STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

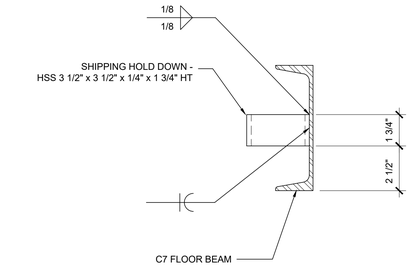
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

S-1.01

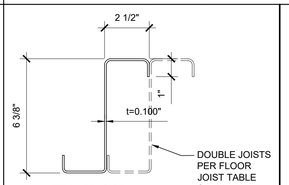
FLOOR FRAMING PLAN

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



REF: S-1.01

16 — 11 — SHIPPING HOLD DOWN DETAIL — SCALE : 3"=1'-0" — 6 — 1



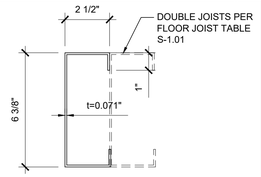
ALTERNATE JOIST

t=0.100"
Sx : 2.4465 IN^3 MIN
Ix : 7.798 IN ^{4}
Fy : 33 KSI

ASTM A-1011, GRADE 33

REF: S-1.01

17 — 12 — FLOOR JOIST — SCALE : 3" = 1'-0" — 7B

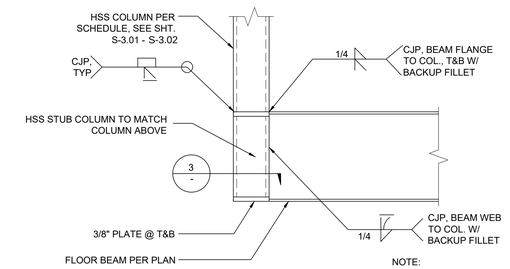


STANDARD JOIST

t=0.071"
Sx : 1.8022 IN^3 MIN
Ix : 5.745 IN^4 MIN
Fy : 50 KSI

ASTM A-1011, GRADE 50

FLOOR JOIST — SCALE : 3" = 1'-0" — 7A

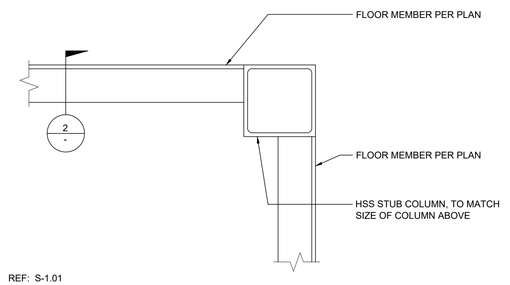


REF: S-1.01

FLOOR BEAM TO COLUMN CONNECTION — SCALE : 1 1/2" = 1'-0" — 2



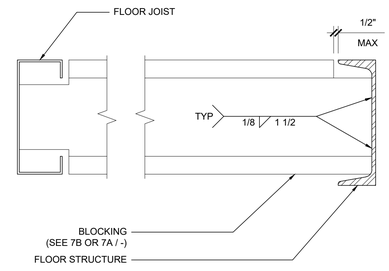
18 — 13 — FLOOR JOIST HOLES (OPTIONAL) — SCALE : 1/8" = 1'-0" — 8



REF: S-1.01

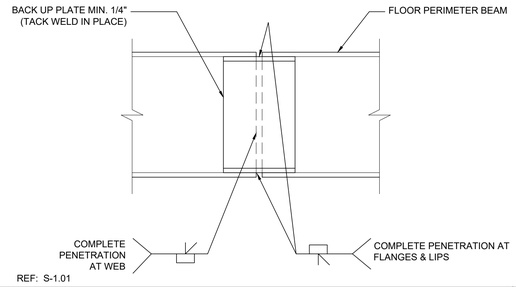
CORNER CONNECTION — SCALE : 3" = 1'-0" — 3

19 — 14



REF: S-1.01

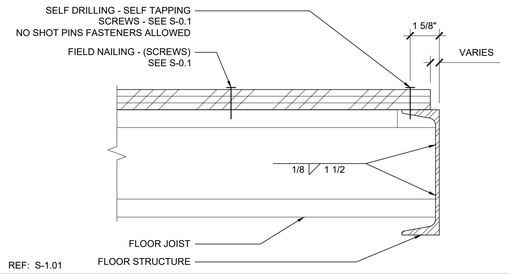
BLOCKING TO END BEAM — SCALE : 3" = 1'-0" — 4



REF: S-1.01

20 — FLOOR BEAM SPLICE — SCALE : 3" = 1'-0" — 15

NOT USED — 10



REF: S-1.01

JOIST TO SIDE BEAM — SCALE : 3" = 1'-0" — 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

FLOOR FRAMING DETAILS
WOOD FLOOR

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
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APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
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SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023

~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

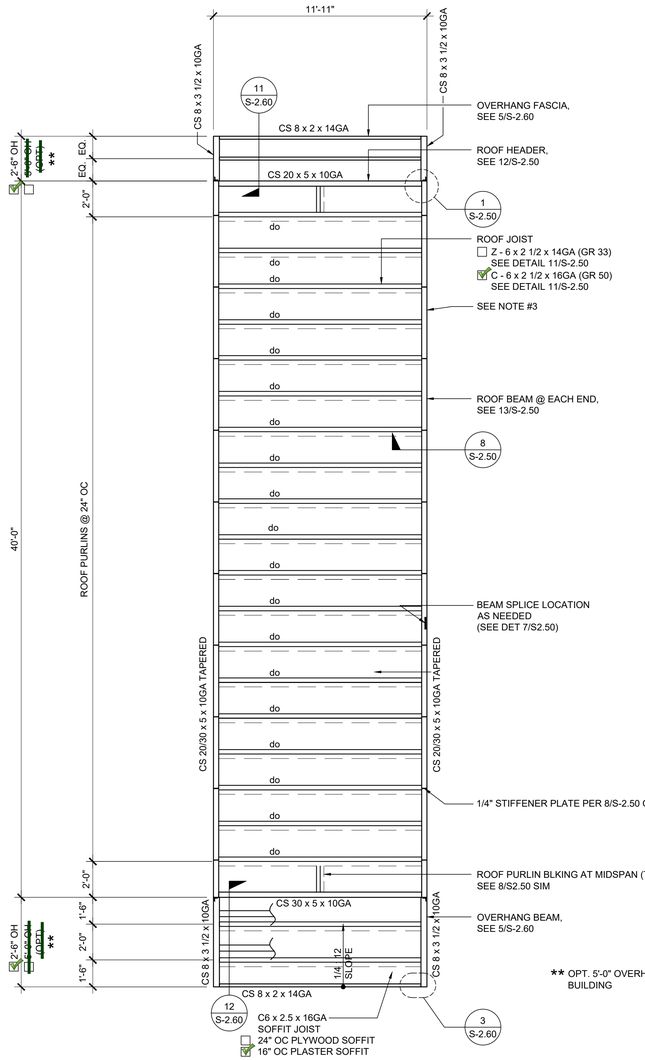
REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
24775
STRUCTURAL
STATE OF CALIFORNIA

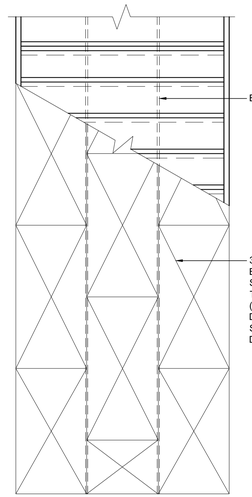
SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

S-1.50





NOTES

1. OPTIONAL PURLIN FOR FIRE SPRINKLER LINE AS NEEDED. LOCATION OF FIRE SPRINKLER PURLIN TO BE DETERMINED BY SITE STIFFENER PLATE OR ANGLE BRACE REQUIRED AT THIS LOCATION. FOR FIRE SPRINKLER LINE SIDE BEAM PENETRATION, SEE 14 / S2.50 OR 14 / S2.51 DETAILS

ROOF FRAMING PLAN

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ROOF FRAMING PLAN
MONO SLOPE

REVISIONS

1 2 3 4 5

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~~DATE: 09/25/2023~~
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Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
24575
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

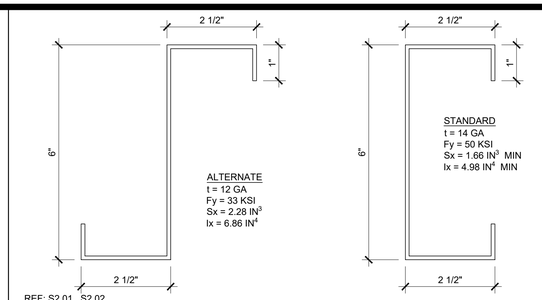
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

S-2.01

NOT USED 16

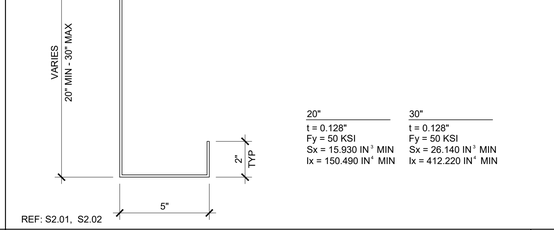
ROOF PURLIN PROFILES — SCALE : 6"=1'-0" 11



REF: S2.01, S2.02

NOT USED 17

ROOF HEADER — SCALE : NTS 12



REF: S2.01, S2.02

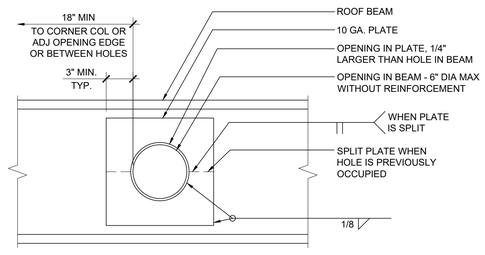
NOT USED 18

SIDE BEAM — SCALE : NTS 13

REF: S2.01, S2.02

NOT USED 19

SIDEWALL BEAM PENETRATION — SCALE : 1 1/2"=1'-0" 14

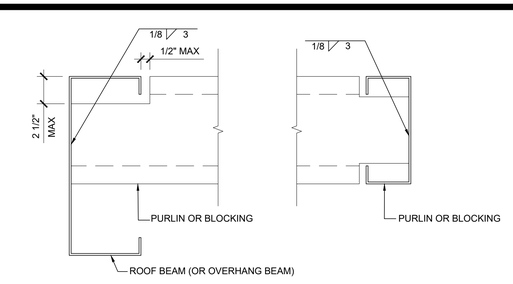


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NOT USED 20

NOT USED 15

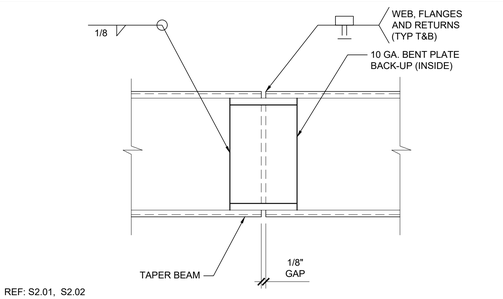
TYPICAL PURLIN CONNECTION DETAIL — SCALE : 3" = 1'-0" 6



REF: S2.02

NOT USED 11

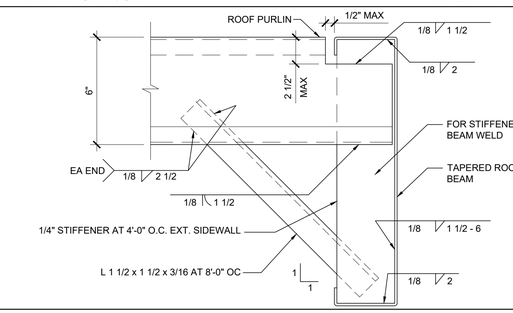
TYPICAL PURLIN CONNECTION DETAIL — SCALE : 3" = 1'-0" 6



REF: S2.01, S2.02

NOT USED 12

BEAM SPLICE — SCALE: 3" = 1'-0" 7



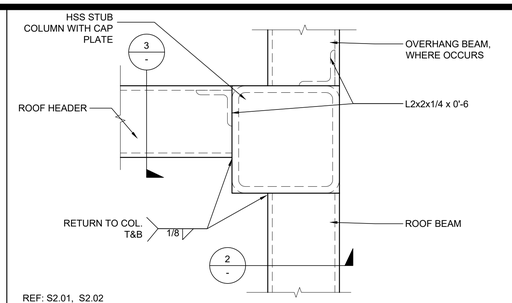
NOT USED 13

PURLIN TO ROOF BEAM @ STIFFENER — SCALE : 3"=1'-0" 8

NOT USED 9

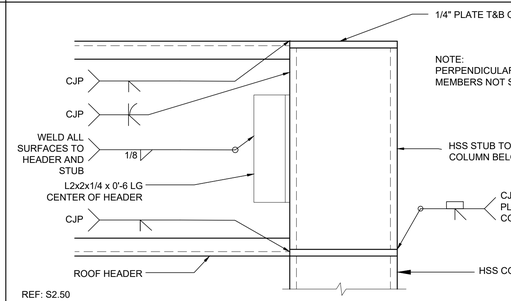
NOT USED 14

COLUMN AT ROOF - PLAN — SCALE : 3" = 1'-0" 1



REF: S2.01, S2.02

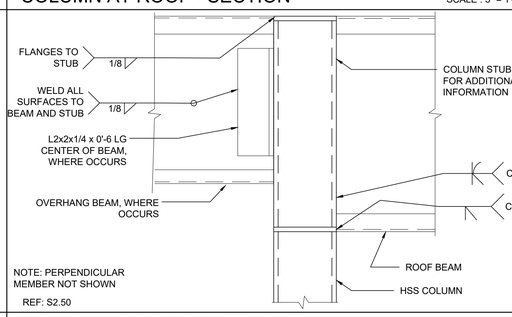
COLUMN AT ROOF - SECTION — SCALE : 3" = 1'-0" 2



REF: S2.50

NOT USED 10

COLUMN AT ROOF OVERHANG — SCALE : 3" = 1'-0" 3



NOTE: PERPENDICULAR
MEMBER NOT SHOWN

REF: S2.50

NOT USED 4

NOT USED 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
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SS ☑ FLS ☑ ACS ☑
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PROJECT SPECIFIC STATE AGENCY APPROVAL

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(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ROOF FRAMING DETAILS
MONO SLOPE

REVISIONS

1 2 3 4 5

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Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

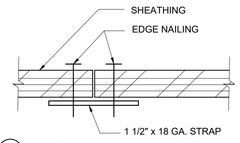
REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
2475
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

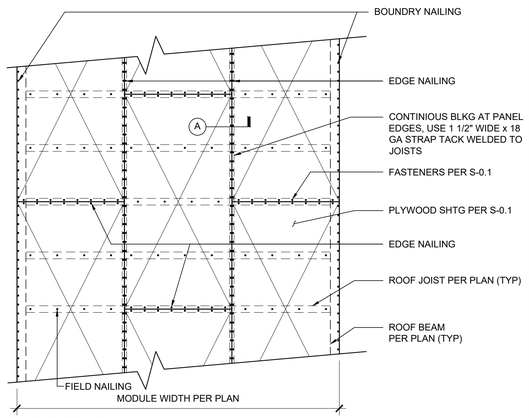
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

S-2.50

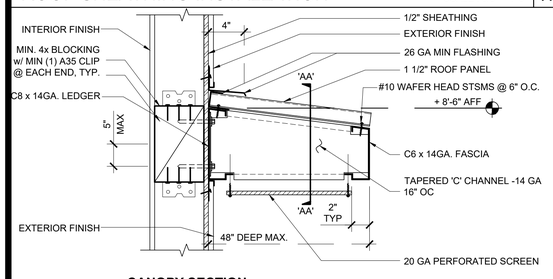


A EDGE NAILING @ STRAP

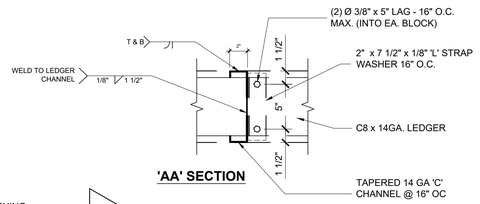


REF: S2.01, S2.11, S2.21

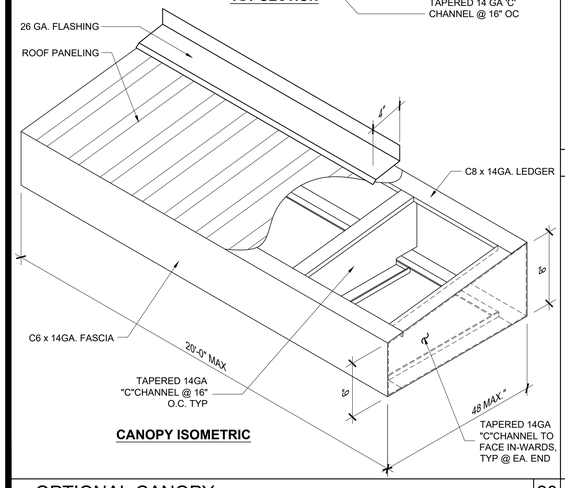
ROOF SHEATHING INSTALLATION SCALE : 3/8" = 1'-0" | 17



CANOPY SECTION

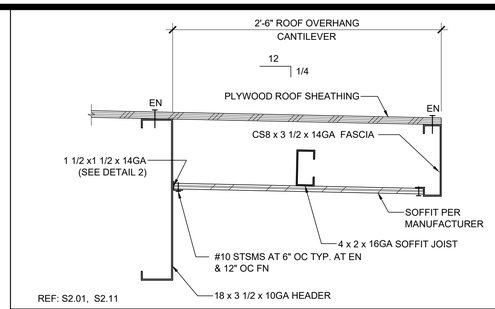


'AA' SECTION



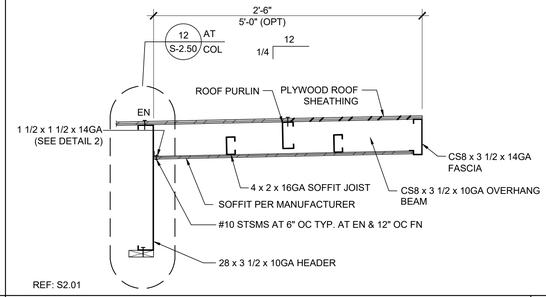
CANOPY ISOMETRIC

OPTIONAL CANOPY SCALE : 1 1/2" = 1'-0" | 20



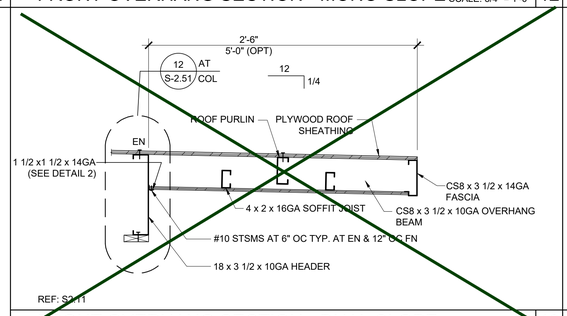
REF: S2.01, S2.11

REAR OVERHANG SECTION SCALE : 1 1/2" = 1'-0" | 11



REF: S2.01

FRONT OVERHANG SECTION - MONO SLOPE SCALE: 3/4" = 1'-0" | 12



REF: S2.11

FRONT OVERHANG SECTION - DUAL SLOPE SCALE: 3/4" = 1'-0" | 13

NOT USED | 14

NOT USED | 15

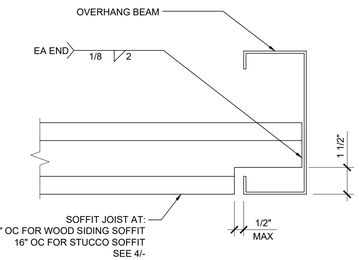
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NOT USED | 7

NOT USED | 8

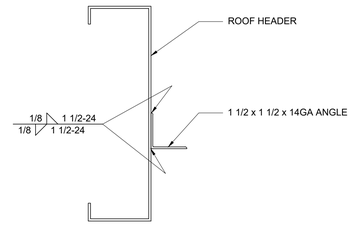
NOT USED | 9

NOT USED | 10



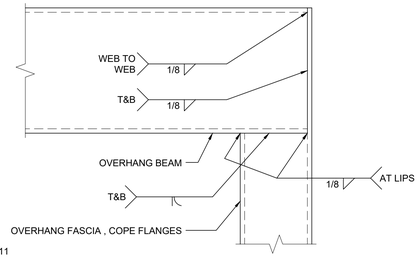
REF: S3.01

SOFFIT JOIST TO OVERHANG BEAM SCALE : 3"=1'-0" | 1



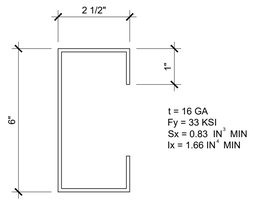
REF: S3.01

SOFFIT ANGLE TO HEADER CONNECTION SCALE : 3"=1'-0" | 2



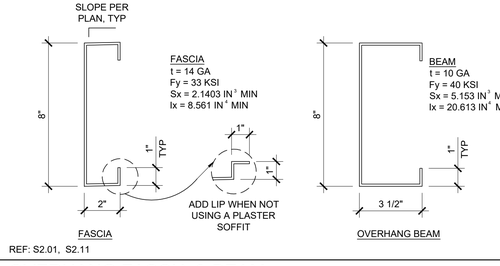
REF: S2.01, S2.11

OVERHANG FASCIA TO BEAM CONNECTION SCALE : 6"=1'-0" | 3



REF: S2.01, S2.11, S3.01

SOFFIT JOIST SCALE : 6"=1'-0" | 4



REF: S2.01, S2.11

OVERHANG FASCIA & BEAM SCALE : 3"=1'-0" | 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ROOF FRAMING DETAILS

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
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~~PS STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

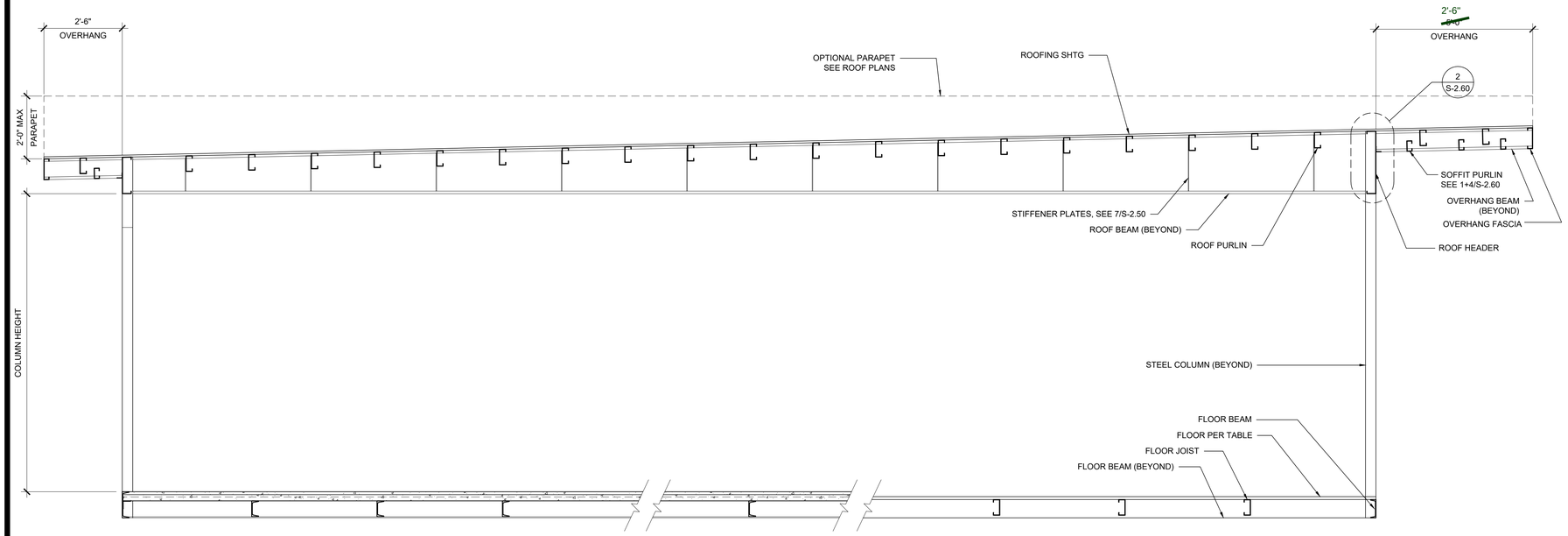
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24075 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

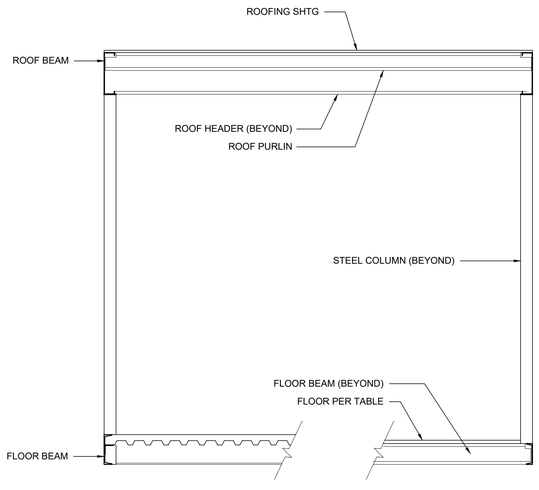
PROJECT NO:
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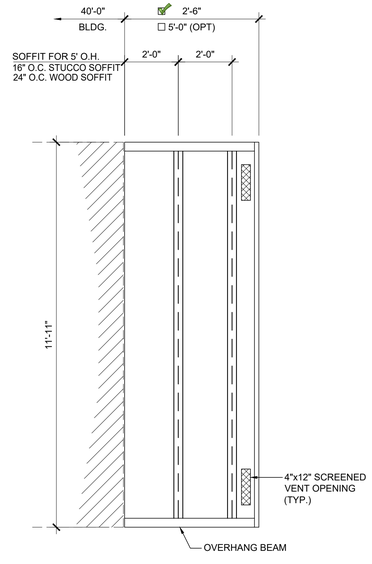
S-2.60



BUILDING SECTION — SCALE: 1/2" = 1'-0" | 1



BUILDING SECTION — SCALE: 1/2" = 1'-0" | 3



ENCL. SOFFIT PLAN-OPT. — SCALE: 3/8" = 1'-0" | 2

NOTES

1. ALL INFORMATION SUCH AS DETAILS, SECTIONS, CONNECTIONS, AND MATERIAL ATTACHMENT SHALL BE REFERENCED FROM OTHER SHEETS WITHIN THIS SET WHERE IT APPLIES.

FLOOR CONSTRUCTION

- ☑ WOOD FLOOR
- ☐ CONCRETE FLOOR

HSS COLUMN SCHEDULE

COL HT	NO PARAPET	WITH PARAPET
☐ 9'-0"	☐ 6 x 6 x 3/8	☐ 6 x 6 x 5/8
☑ 9'-6"	☑ 6 x 6 x 3/8	☐ 6 x 6 x 5/8
☐ 10'-0"	☐ 6 x 6 x 3/8	☐ 6 x 6 x 5/8
☐ 10'-6"	☐ 6 x 6 x 3/8	☑ 6 x 6 x 5/8 ★

★ REQUIRES MINIMUM C8x13.7 FLOOR BEAM @ WOOD FLOOR

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

BUILDING SECTIONS
MONO SLOPE

REVISIONS

1.
2.
3.
4.
5.

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122000 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 09/25/2023
~~PS STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

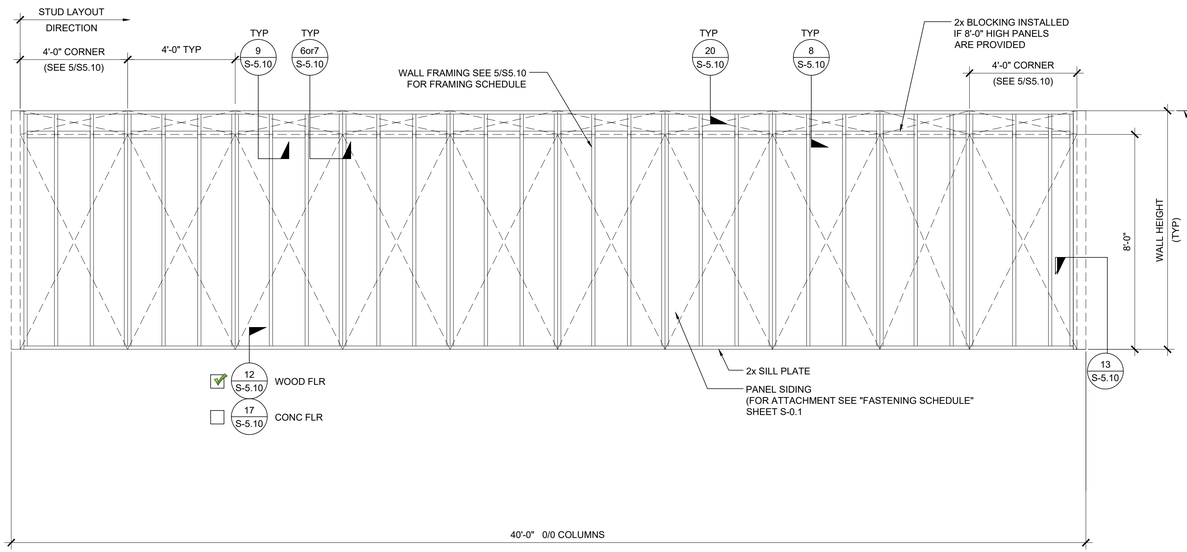
REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
24775
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

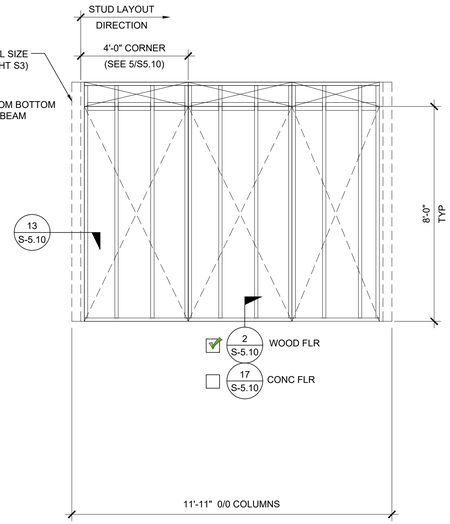
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

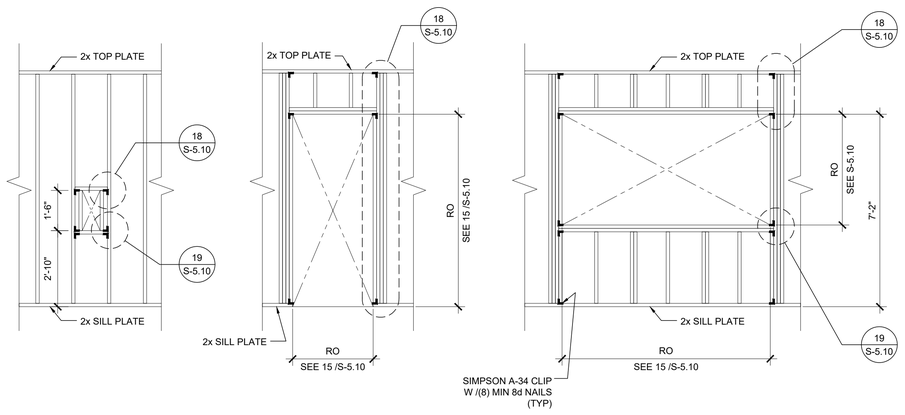
S-3.01



TYPICAL SIDE WALL



TYPICAL END WALL



FIRE EXTINGUISHER CABINET BLOCKOUT

TYPICAL DOOR

TYPICAL WINDOW

NOTES

WALL HEIGHT SCHEDULE

COLUMN HEIGHT	☐ 9'-0"	☑ 9'-6"	☐ 10'-0"	☐ 10'-6"
☐ CONCRETE FLOOR	8'-11 7/8"	9'-5 7/8"	9'-11 7/8"	10'-5 7/8"
☑ WOOD FLOOR	8'-10 3/4"	9'-4 3/4"	9'-10 3/4"	10'-4 3/4"

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

FRAMING ELEVATIONS
WOOD STUDS

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
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A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

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Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

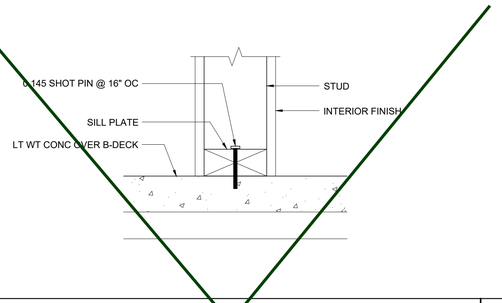
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

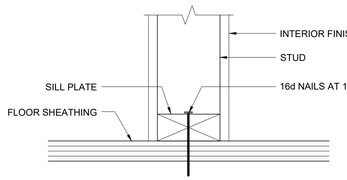
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023

P.C. SHEET NUMBER

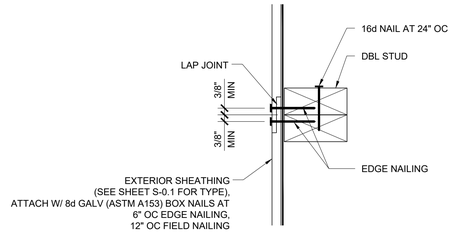
S-5.00



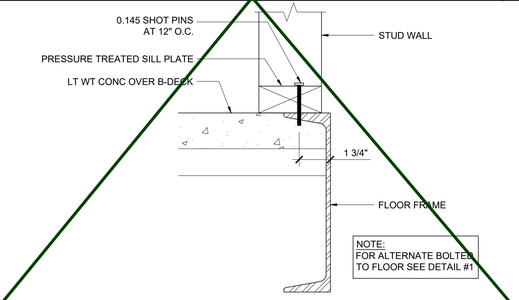
PARTITION CONNECTION AT CONC FLOOR SCALE : 3"=1'-0" 16



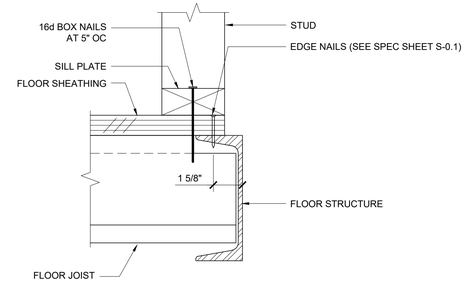
PARTITION CONNECTION AT WOOD FLOOR SCALE : 3"=1'-0" 11



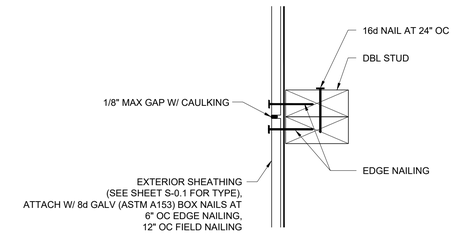
VERTICAL SHEATHING LAP JOINT SCALE : 3"=1'-0" 6



WALL SILL AT CONCRETE FLOOR SCALE : 3"=1'-0" 17



WALL SILL AT WOOD FLOOR SCALE : 3"=1'-0" 12



VERTICAL SHEATHING BUTT JOINT SCALE : 3"=1'-0" 7

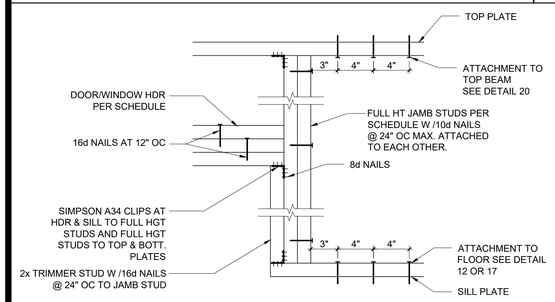
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COLUMN HEIGHT	OPENING SIZE	EXT FINISH	HEADER				SILL				FULL HEIGHT KING STUD			
			NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE
LESS THAN 9'-6"	3070	NO PLASTER	(1)	2X4	HF	#2		N/A			(2)	2X4	HF	#2
		NO PLASTER (OPT)	(1)	2X4	DF	#2		N/A			(2)	2X4	DF	#2
		PLASTER	(2	2X4	DF	#2		N/A			(3)	2X4	DF	#2

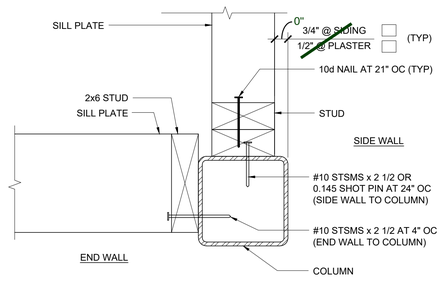
COLUMN HEIGHT	OPENING SIZE	EXT FINISH	HEADER				SILL				FULL HEIGHT KING STUD			
			NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE
9'-6" TO 10'-6"	3070	NO PLASTER	(1)	2X4	HF	#2		N/A			(2)	2X4	HF	#2
		NO PLASTER (OPT)	(1)	2X4	DF	#2		N/A			(2)	2X4	DF	#2

NOTE:
OPENINGS LARGER THAN 3'x7' ARE NOT PERMITTED IN 2x4 WALLS WITH PLASTER FINISH.

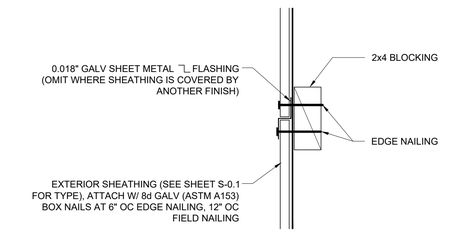
2x4 OPENING STUDS SCHEDULE 4



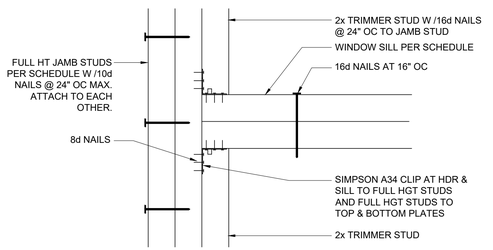
DOOR/WINDOW HEADER AND JAMB SCALE : 1 1/2"=1'-0" 18



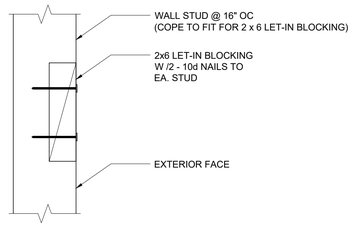
WALL AT COLUMN SCALE : 3"=1'-0" 13



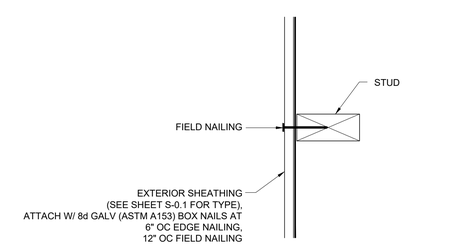
HORIZONTAL SHEATHING JOINT SCALE : 3"=1'-0" 8



WINDOW SILL AND JAMB SCALE : 3"=1'-0" 19



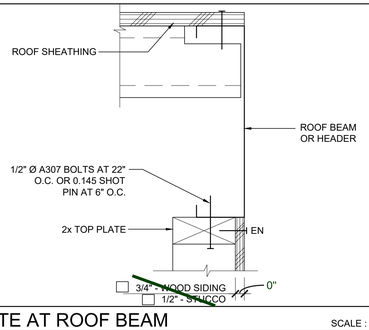
LET-IN BLOCK ATTACHMENT SCALE : 3"=1'-0" 14



SECTION AT SHEATHING TO STUD ATTACHMENT SCALE : 3"=1'-0" 9

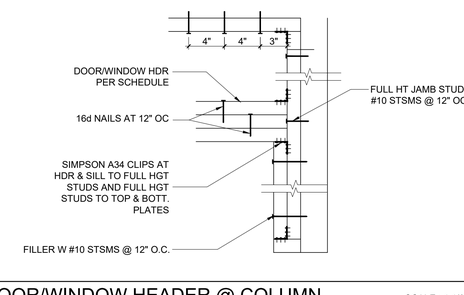
COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING					4" CORNER OF WOOD WALL FRAMING (ZONE 5)				
		NUMBER	SIZE	LUMBER	TYPE	OC	NUMBER	SIZE	LUMBER	TYPE	OC
LESS THAN 9'-6"	NO PLASTER	(1)	2X4	HF	#2	16" OC	(1)	2X4	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X4	DF	#2	16" OC	(1)	2X4	DF	#2	16" OC
	PLASTER	(1)	2X4	DF	#2	16" OC	(1)	2X4	DF	#2	10" OC
9'-6" TO 10'-6"	NO PLASTER	(1)	2X4	HF	#2	16" OC	(1)	2X4	HF	#2	12" OC
	NO PLASTER (OPT)	(1)	2X4	DF	#2	16" OC	(1)	2X4	DF	#2	16" OC

2x4 WALL FRAMING SCHEDULE 5



TOP PLATE AT ROOF BEAM SCALE : 3" = 1'-0" 20

NOT USED 15



DOOR/WINDOW HEADER @ COLUMN SCALE : 1 1/2"=1'-0" 10

NOTES:
1. 2X4 WALL FRAMING NOT PERMITTED FOR STUCCO FINISH WALLS OVER 9'-0" TALL
2. 2X4 EXTERIOR WALL FRAMING IS ONLY PERMITTED AT UNCONDITIONED RESTROOM MODULES
3. 2X4 INTERIOR WALLS SHALL BE HF #2 (OR BETTER) AND SHALL BE SPACED NOT MORE THAN 24" OC MAX

1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

WALL FRAMING DETAILS
WOOD STUDS

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

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Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

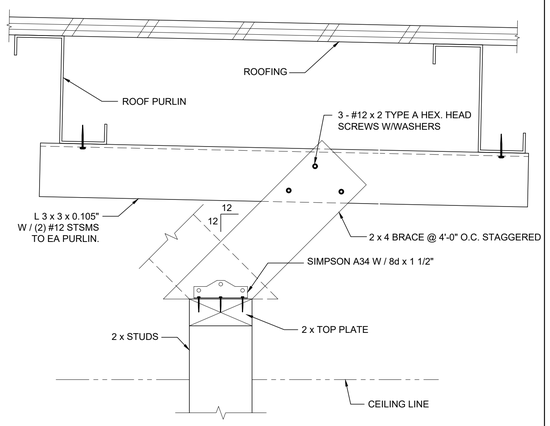
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24075 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

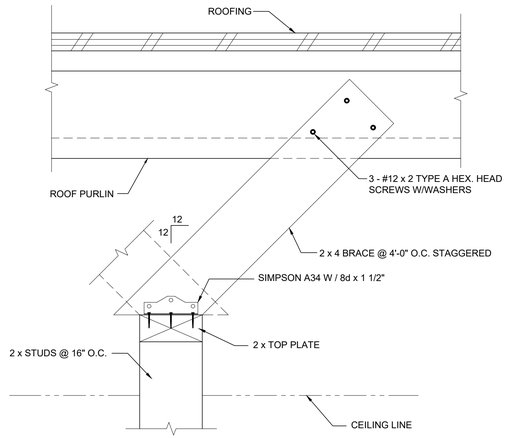
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

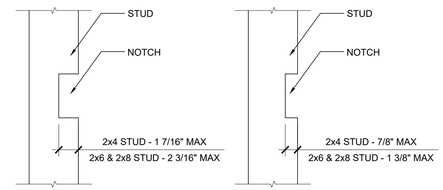
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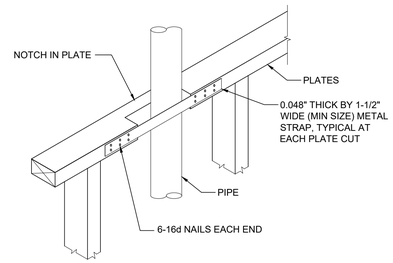


INTERIOR PARTITION SCALE : 3" = 1'-0" 14

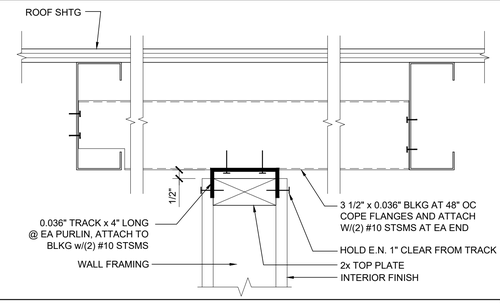


INTERIOR PARTITION SCALE : 3" = 1'-0" 12

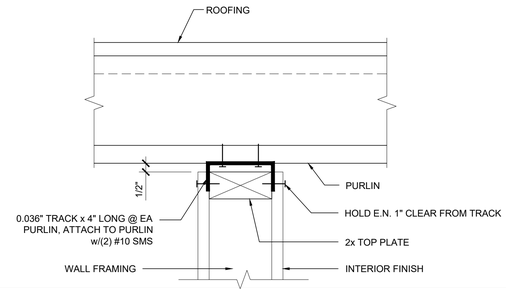




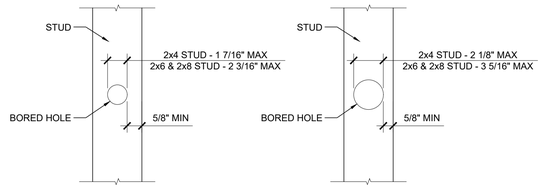
CUTTING AND NOTCHING SCALE : 1 1/2" = 1'-0" 7



FULL HEIGHT INTERIOR PARTITION SCALE : 3" = 1'-0" 1



FULL HEIGHT INTERIOR PARTITION SCALE : 3" = 1'-0" 2



BORED HOLES SCALE : 1 1/2" = 1'-0" 8

3

COLUMN HEIGHT	OPENING SIZE	EXT FINISH	HEADER					SILL				FULL HEIGHT KING STUD			
			NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE
UP TO 10'-6"	3070	ANY	(1)	2X6	HF	#2		N/A			(1)	2X6	HF	#2
		ANY (OPT)	(1)	2X6	DF	#2		N/A			(1)	2X6	DF	#2
	4070	ANY	(1)	2X6	HF	#2		N/A			(1)	2X6	HF	#2
		ANY (OPT)	(1)	2X6	DF	#2		N/A			(1)	2X6	DF	#2
	6040	ANY	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2
		ANY (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2
	8040	ANY	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2
		ANY (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2

2x6 OPENING STUDS SCHEDULE 19

COLUMN HEIGHT	OPENING SIZE	EXT FINISH	HEADER					SILL				FULL HEIGHT KING STUD			
			NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE
UP TO 10'-6"	3070	NO PLASTER	(1)	2X8	HF	#2		N/A			(1)	2X8	HF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2		N/A			(1)	2X8	DF	#2
	4070	NO PLASTER	(1)	2X8	HF	#2		N/A			(1)	2X8	HF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2		N/A			(1)	2X8	DF	#2
	6040	NO PLASTER	(1)	2X8	HF	#2	(1)	2X8	HF	#2	(1)	2X8	HF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2	(1)	2X8	DF	#2	(1)	2X8	DF	#2
	8040	NO PLASTER	(1)	2X8	HF	#2	(1)	2X8	HF	#2	(1)	2X8	HF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2	(1)	2X8	DF	#2	(1)	2X8	DF	#2

2x8 OPENING STUDS SCHEDULE 14

COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING					4" CORNER OF WOOD WALL FRAMING (ZONE 5)				
		NUMBER	SIZE	LUMBER	TYPE	OC	NUMBER	SIZE	LUMBER	TYPE	OC
UP TO 10'-6"	NO PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC
	W/ PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC

NOTE:
1. INTERIOR WALLS MAY BE 2x6 HF #2 (OR BETTER) SPACED AT NOT MORE THAN 24" OC.

2x6 WALL FRAMING SCHEDULE 20

COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING					4" CORNER OF WOOD WALL FRAMING (ZONE 5)				
		NUMBER	SIZE	LUMBER	TYPE	OC	NUMBER	SIZE	LUMBER	TYPE	OC
UP TO 10'-6"	NO PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC
	W/ PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC

NOTES:
1. EXTERIOR STUD SPACING SHOWN IN THE TABLE ABOVE IS TYPICAL, HOWEVER, 2x8 STUDS (HF #2 OR BETTER) MAY BE SPACED AT NOT MORE THAN 24" OC.
2. INTERIOR WALLS MAY BE 2x6 HF #2 (OR BETTER) SPACED AT NOT MORE THAN 24" OC.

2x8 WALL FRAMING SCHEDULE 15

10

5

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DIV. OF THE STATE ARCHITECT
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DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

WALL FRAMING DETAILS
WOOD STUDS

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

~~APPROVED~~
~~DIV. OF THE STATE ARCHITECT~~
~~APP: 04-122000 PC~~
~~REVIEWED FOR~~
~~SS ☑ FLS ☑ ACS ☑ CG ☑~~
~~DATE: 09/25/2023~~
~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

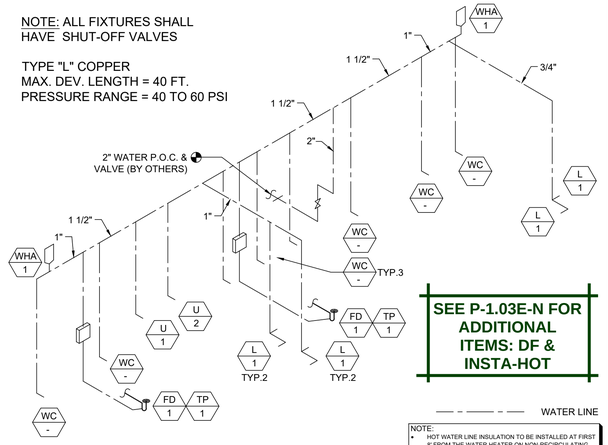
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

S-5.11

NOTE: ALL FIXTURES SHALL HAVE SHUT-OFF VALVES

TYPE "L" COPPER
MAX. DEV. LENGTH = 40 FT.
PRESSURE RANGE = 40 TO 60 PSI



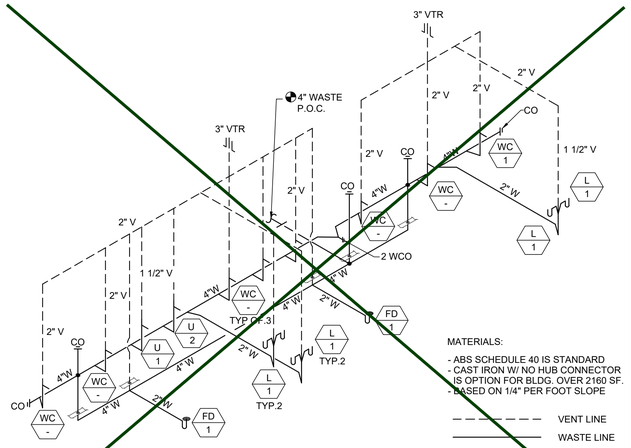
SEE P-1.03E-N FOR ADDITIONAL ITEMS: DF & INSTA-HOT

WATER LINE

NOTE:
- HOT WATER LINE INSULATION TO BE INSTALLED AT FIRST 8' FROM THE WATER HEATER ON NON-RECIRCULATING SYSTEMS
- ALL HOT WATER LINES TO BE INSULATED WHEN RE-CIRCULATING SYSTEMS ARE USED. INSULATION FLAME SPREAD INDEX 0-25 & SMOKE DEVELOPMENT 0-450

MODEL C-2

SUPPLY ISOMETRIC - FLOOR AND WALL MOUNT — SCALE: N.T.S. — 8



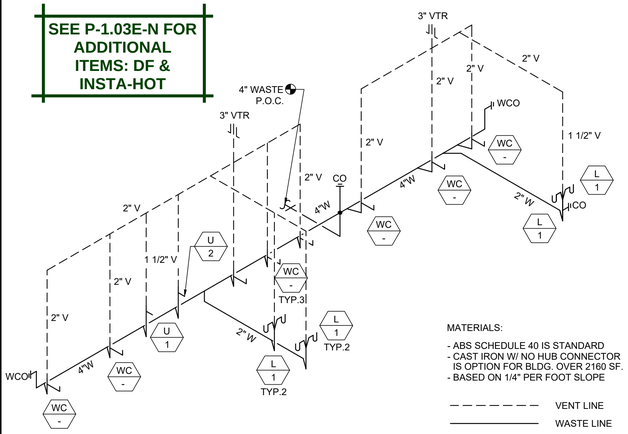
MATERIALS:
- ABS SCHEDULE 40 IS STANDARD
- CAST IRON W/ NO HUB CONNECTOR IS OPTION FOR BLDG. OVER 2160 SF.
- BASED ON 1/4" PER FOOT SLOPE

VENT LINE
WASTE LINE

MODEL C-2

WASTE AND VENTING ISOMETRIC - WALL MOUNT — SCALE: N.T.S. — 9

SEE P-1.03E-N FOR ADDITIONAL ITEMS: DF & INSTA-HOT

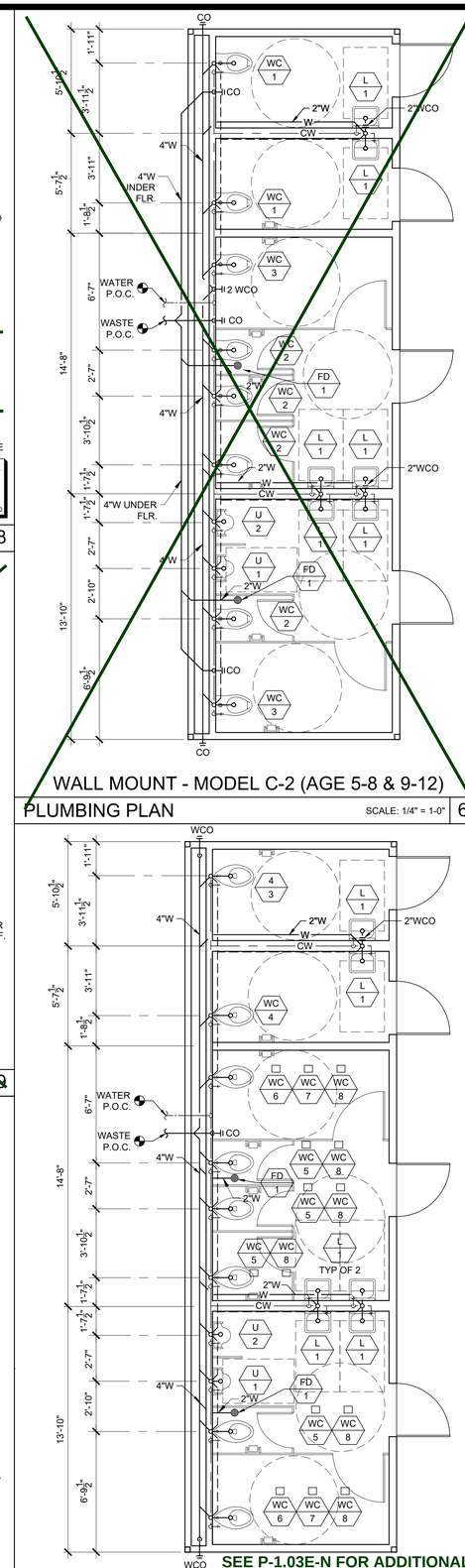


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- CAST IRON W/ NO HUB CONNECTOR IS OPTION FOR BLDG. OVER 2160 SF.
- BASED ON 1/4" PER FOOT SLOPE

VENT LINE
WASTE LINE

MODEL C-2

WASTE AND VENTING ISOMETRIC - FLOOR MOUNT — SCALE: N.T.S. — 10



WALL MOUNT - MODEL C-2 (AGE 5-8 & 9-12)

PLUMBING PLAN — SCALE: 1/4" = 1-0" — 6

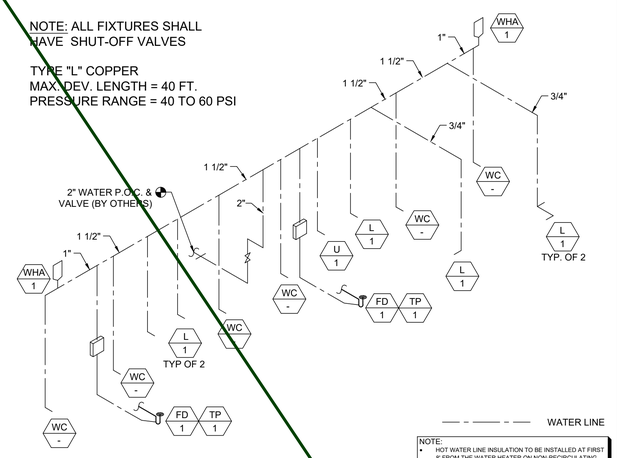
SEE P-1.03E-N FOR ADDITIONAL ITEMS: DF & INSTA-HOT

FLOOR MOUNT - MODEL C-2 (AGE ~~3-4, 5-8~~ & 9-12)

PLUMBING PLAN — SCALE: 1/4" = 1-0" — 7

NOTE: ALL FIXTURES SHALL HAVE SHUT-OFF VALVES

TYPE "L" COPPER
MAX. DEV. LENGTH = 40 FT.
PRESSURE RANGE = 40 TO 60 PSI



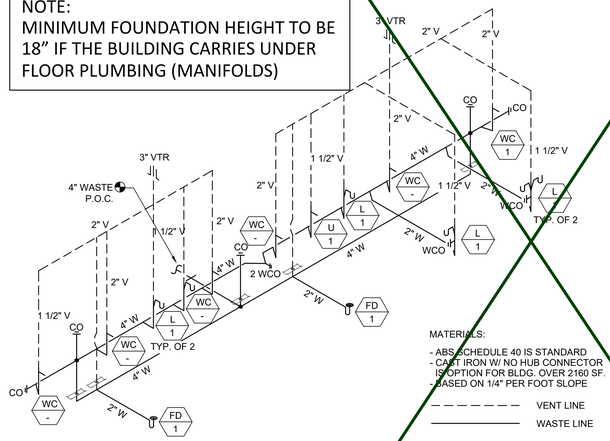
WATER LINE

NOTE:
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- ALL HOT WATER LINES TO BE INSULATED WHEN RE-CIRCULATING SYSTEMS ARE USED. INSULATION FLAME SPREAD INDEX 0-25 & SMOKE DEVELOPMENT 0-450

MODEL C-1

SUPPLY ISOMETRIC - FLOOR AND WALL MOUNT — SCALE: N.T.S. — 3

NOTE:
MINIMUM FOUNDATION HEIGHT TO BE 18" IF THE BUILDING CARRIES UNDER FLOOR PLUMBING (MANIFOLDS)

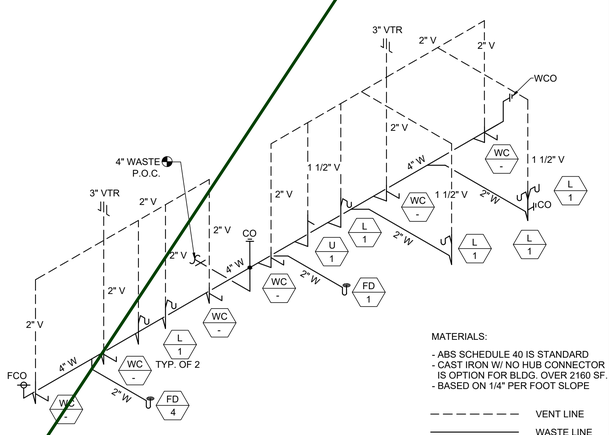


MATERIALS:
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- BASED ON 1/4" PER FOOT SLOPE

VENT LINE
WASTE LINE

MODEL C-1

WASTE AND VENTING ISOMETRIC - WALL MOUNT — SCALE: N.T.S. — 4

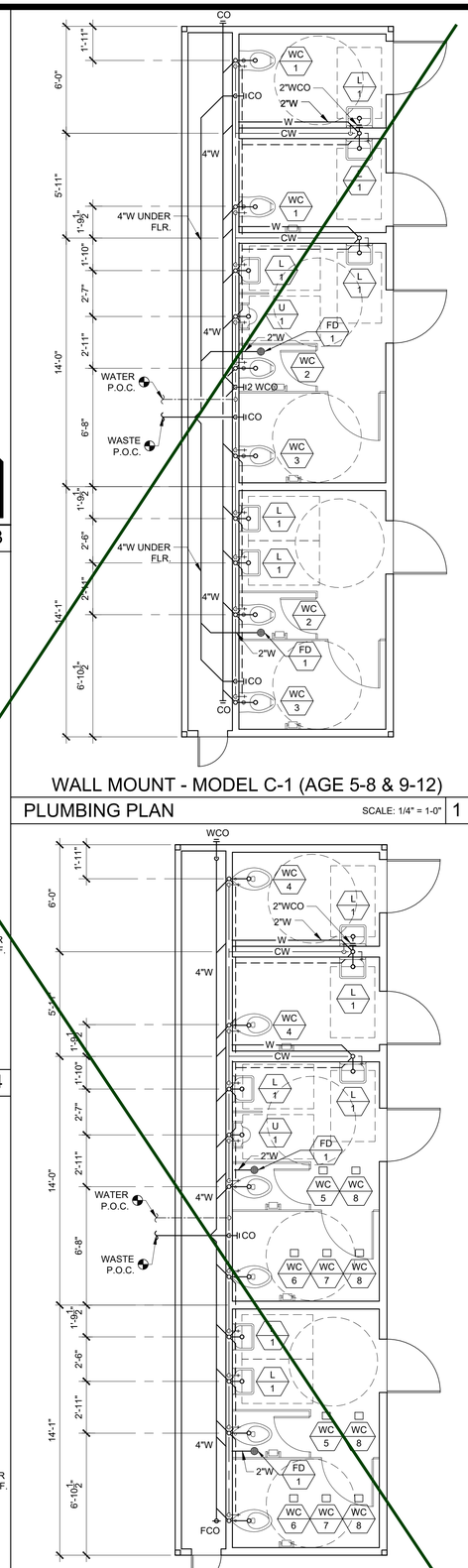


MATERIALS:
- ABS SCHEDULE 40 IS STANDARD
- CAST IRON W/ NO HUB CONNECTOR IS OPTION FOR BLDG. OVER 2160 SF.
- BASED ON 1/4" PER FOOT SLOPE

VENT LINE
WASTE LINE

MODEL C-1

WASTE AND VENTING ISOMETRIC - FLOOR MOUNT — SCALE: N.T.S. — 5



WALL MOUNT - MODEL C-1 (AGE 5-8 & 9-12)

PLUMBING PLAN — SCALE: 1/4" = 1-0" — 1

FLOOR MOUNT - MODEL C-1 (AGE 3-4, 5-8 & 9-12)

PLUMBING PLAN — SCALE: 1/4" = 1-0" — 2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

PLUMBING PLAN
AND ISOMETRICS
MODEL ~~C-1 OR~~ C-2
AGE ~~(3-4),~~ ~~(5-8)~~ & (9-12)

REVISIONS

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Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER
JOHN W STARLING
2475
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES	12' x 40' PC
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023
P.C. SHEET NUMBER	P-1.03E

THE DIVISION OF THE STATE ARCHITECT, OFFICE OF REGULATION SERVICES ACCEPTS THE FOLLOWING DIMENSIONS AS ADEQUATELY SERVING THE NEEDS OF CHILDREN IN PROJECTS UNDER THEIR JURISDICTION. THESE DIMENSIONS ARE BASED ON CBC TABLE 11B-604.9 SUGGESTED DIMENSIONS FOR SERVING CHILDREN AGES 3 TO 12.

ACCESSIBILITY DIMENSIONS	11B-604.9 SUGGESTED DIMS			
	ADULT	AGES 9 THROUGH 12	AGES 5 THROUGH 8	AGES 3 AND 4
TOILET CENTERING FROM WALL	17" - 18"	15" - 18"	12" - 15"	12"
TOILET SEAT HEIGHT (DIM TO TOP OF SEAT)	17" - 19"	15" - 17"	12" - 15"	11" - 12"
GRAB BAR HEIGHT (TO TOP)	33" - 36"	25" - 27"	20" - 25"	18" - 20"
TOILET PAPER IN FRONT OF TOILET	7" - 9"	7" - 9"	7" - 9"	7" - 9"
NAPKIN DISPOSAL	**	**	N/A	N/A
MIRROR HEIGHT (TO BOTTOM OF GLASS)	40" MAX.	40" MAX.	36" MAX.	36" MAX.
DISPENSER HEIGHT	19" MIN.	17" - 19"	14" - 17"	14"
LAVATORY/SINK TOP HEIGHT	34" MAX.	31" MAX.	31" MAX.	24" - 31" MAX. SIDE APPROACH
LAVATORY/SINK KNEE CLEARANCE	27" MIN.	24" MIN.	24" MIN.	SIDE APPROACH
URINAL LIP HEIGHT	17" MAX.	17" MAX.	15" MAX	13" MIN.
URINAL FLUSH HANDLE HEIGHT	44" MAX.	44" MAX.	37" MAX.*	32" MAX.*
DRINKING FOUNTAIN BUBBLER HT. (LOW)	36" MAX.	30" MAX.	30" MAX.	30" MAX.
DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN.	SIDE APPROACH	SIDE APPROACH	SIDE APPROACH
HANDRAIL HEIGHT (TO TOP)	34" - 38"	34" - 38"	34" - 38"	34" - 38"

STANDARD DIMENSIONS	ALTERNATE HEIGHT (DIMS)			
	ADULT	AGES 9 THROUGH 12	AGES 5 THROUGH 8	AGES 3 AND 4
TOILET CENTERING FROM WALL/PARTITION	15" MIN	15" MIN	15" MIN	15" MIN
TOILET SEAT HEIGHT/DIM TO TOP OF SEAT	15"	15"	15"	15"
TOILET CLEARANCE/FRONT	24"	24"	24"	24"
URINAL LIP HEIGHT	24"	24"	18"	16"
URINAL CENTER FROM WALL/PARTITION	12"	12"	12"	12"

PLUMBING ACCESSORIES (REF. ONLY-MODELS FURNISHED AND INSTALLED BY DISTRICT U.N.O.)

A SOAP DISPENSER: LIQUID SOAP DISPENSER 4" MAX. PROJECTION

B PAPER TOWEL DISPENSER/TRASH BIN COMBO: SURFACE MOUNTED 4" MAX. PROJECTION-CANNOT ENCROACH INTO 30x48 CLEAR SPACE OF FIXTURE

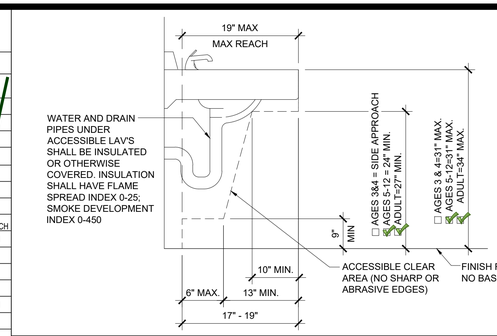
C TOILET PAPER HOLDER: SINGLE ROLL SEMI-RECESSED OR 3" MAX PROJECTION

D TOILET SEAT DISPENSER: SURFACE MOUNTED

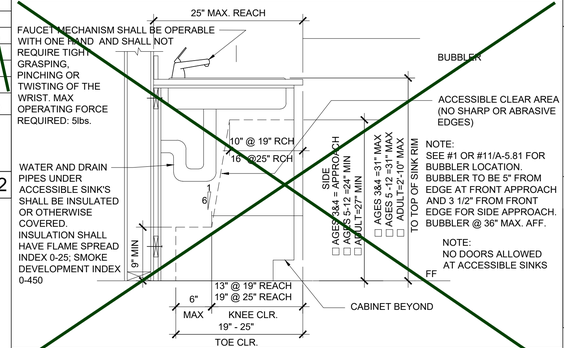
* 44" MAX. PER CODE

** MOUNTED BETWEEN BACK WALL AND TOILET PAPER DISP.

MOUNTING HEIGHTS TABLE 12

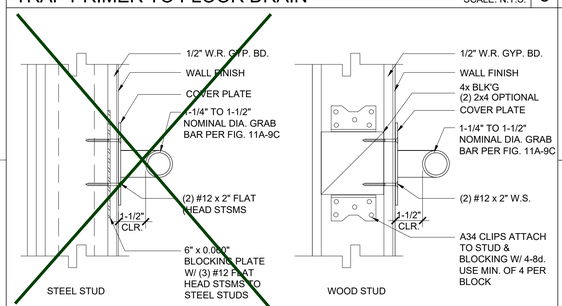


ACCESSIBLE LAV CLEARANCE SCALE: N.T.S. 6

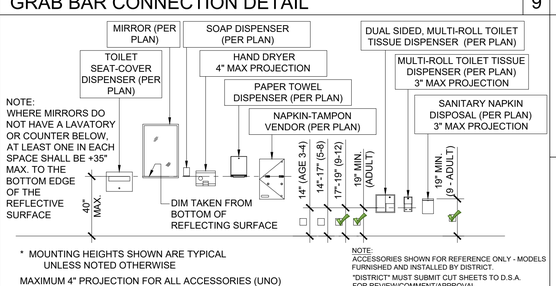


ACCESSIBLE SINK CABINET (OPTION) SCALE: N.T.S. 7

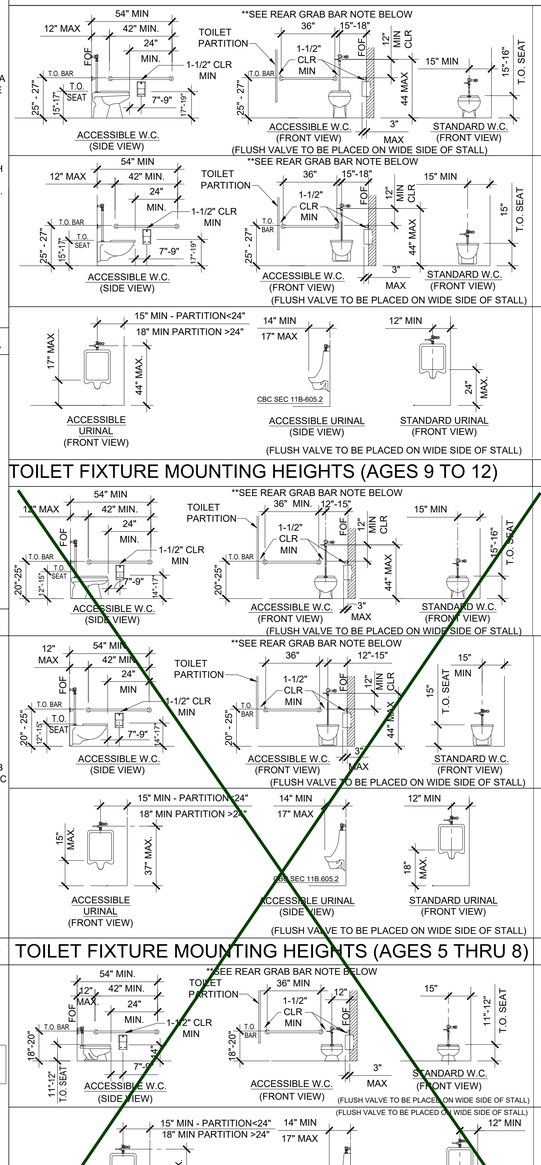
TRAP PRIMER TO FLOOR DRAIN SCALE: N.T.S. 8



GRAB BAR CONNECTION DETAIL 9



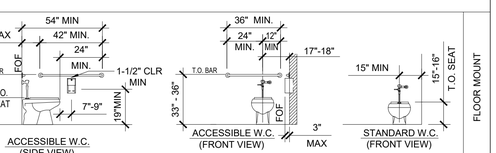
TOILET ACCESSORIES MOUNTING HEIGHTS 10



TOILET FIXTURE MOUNTING HEIGHTS (AGES 9 TO 12) 2

TOILET FIXTURE MOUNTING HEIGHTS (AGES 5 THRU 8) 4

TOILET FIXTURE MOUNTING HEIGHTS (AGES 3 AND 4) 5



TOILET FIXTURE MOUNTING HEIGHTS (ADULT) 15

SYMBOL	FIXTURE	COLD WATER	HOT WATER	WASTE	VENT	FIXTURE DESCRIPTION (AS CALLED OUT OR APPROVED EQUAL)
WC 1	[ADULT] WATER CLOSET WALL MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD PF1731 WALL (1.28 GPF) ALT: AMERICAN STD 2856.128 VITREOUS CHINA ELONGATED RIM, FLUSH VALVE TYPE, SIPHON JET; OLSONITE 10SSCTFR SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE; JAY R SMITH #210-LY OR RY NO-HUB ADJUSTABLE FIXTURE SUPPORT CARRIER
WC 2	[AGES 5 TO ADULT] WATER CLOSET WALL MTD/ FLUSH (NON-ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD PF1731 WALL (1.28 GPF) ALT: AMERICAN STD 2856.128 VITREOUS CHINA ELONGATED RIM, FLUSH VALVE TYPE, SIPHON JET; OLSONITE 10SSCTFR SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE; JAY R SMITH #210-LY OR RY NO-HUB ADJUSTABLE FIXTURE SUPPORT CARRIER
WC 3	[AGE 5 TO 12] WATER CLOSET WALL MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD PF1731 WALL (1.28 GPF) ALT: AMERICAN STD 2856.128 VITREOUS CHINA ELONGATED RIM, FLUSH VALVE TYPE, SIPHON JET; OLSONITE 10SSCTFR SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #115-1.28 LOW CONSUMPTION FLUSHOMETER VALVE; JAY R SMITH #210-LY OR RY NO-HUB ADJUSTABLE FIXTURE SUPPORT CARRIER
WC 4	[ADULT] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO PF1723 (1.28 GPF) ALT: AMERICAN STD 3043.001 "MADERA" 16 3/4" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 10" ROUGH-IN; OLSONITE 10SSCTFR SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE
WC 5	[AGE 5 TO ADULT] WATER CLOSET FLOOR MTD/FLUSH (NON-ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD PF1721 (1.28 GPF) ALT: AMERICAN STANDARD 2234.001 MADERA 15" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 12" ROUGH-IN; OLSONITE 10SSCTFR SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE
WC 6	[AGE 9-12] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD PF1721 (1.28 GPF) ALT: AMERICAN STANDARD 2234.001 MADERA 15" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 12" ROUGH-IN; OLSONITE 10SSCTFR SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE
WC 7	[AGE 5-8] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	AMERICAN STANDARD 2599.001 MADERA YOUTH (1.28 GPF) 14" HIGH, VITREOUS CHINA ELONG. RIM, SIPHON JET, 10" ROUGH-IN; OLSONITE 10SSCTFR ELONGATED WHITE PLASTIC SEAT; SLOAN ROYAL #115-1.28 LOW CONSUMPTION FLUSHOMETER VALVE
WC 8	[AGE 3-4] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE & NON-ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO PF1700BB (1.28 GPF) ALT: AMERICAN STANDARD BABY DEVORO 2282.010 VITREOUS CHINA ELONGATED RIM, 10" ROUGH-IN;LOW CONSUMPTION CLOSET BOWL; OLSONITE 10SCC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSH VALVE
LAV 1	LAVATORY (ACCESSIBLE)	1/2"	-	2"	1 1/2"	STD: AMERICAN STANDARD 0355.012 LUCERNE ALT: CRANE 1-411V "HARWICH" 20X18" VITREOUS CHINA; JAY R SMITH #722 CONCEALED HANGER; OLYMPIA #6161 SINGLE HANDLE FAUCET (0.5 GPM)
UR 1	URINAL (ACCESSIBLE)	3/4"	-	2"	1 1/2"	STD: PROFLO PF 1815 (0.125 GPF) ALT: AMERICAN STANDARD 6550.501 VITREOUS CHINA, WALL-HUNG, SIPHON JET URINAL WITH INTEGRAL TRAP; SLOAN REGAL 186-0.125 LOW CONSUMPTION FLUSHOMETER VALVE
UR 2	URINAL (NON-ACCESSIBLE)	3/4"	-	2"	1 1/2"	STD: PROFLO PF 1815 (0.125 GPF) ALT: AMERICAN STANDARD 6550.501 WASHOUT VITREOUS CHINA, WALL HUNG URINAL WITH INTEGRAL TRAP; SLOAN REGAL 186-0.125 LOW CONSUMPTION FLUSHOMETER VALVE
FD 1	FLOOR DRAIN	-	-	2"	1 1/2"	JAY R SMITH #2005YA-02-P050-NB5 FLOOR DRAIN TAPPED FOR PRIMER. 5" NICKEL BRONZE STRAINER W/ 1/4" MAX. GRATE OPENINGS
TP 1	TRAP PRIMER	1/2"	-	-	-	PR-500 WITH 8"x12" LOCKABLE BOX, 1/2" BALL SHUT-OFF VALVE, AND PPP DU-U FRESH WATER DISTRIBUTION SYSTEM
WHA 1	WATER HAMMER ARRESTOR	1"	-	-	-	PPP SC-1000
GB 1	GRAB BAR	-	-	-	-	BOBRICK B-6806-1-1/2 OC STAINLESS STEEL GRAB BAR - SATIN FINISH; 36" LONG ON BACK AND 42" ON SIDE
MR 1	MIRROR	-	-	-	-	SERIES 530 RETURNED MIRRORS STAINLESS STEEL - 18GA 18"x24" - "J" SHEET METAL MANUFACTURED OR APPROVED EQUAL
PAR 1	TOILET PARTITION	-	-	-	-	METAL POWDER COATED
SS 1	SERVICE SINK	1/2"	1/2"	2"	1 1/2"	KOHLER K-6714 "BANNON" 22"x18" CAST IRON, ACID RESISTANT SINK; K-8905-RP "KNOXFORD" FAUCET; K-6672 2".I.P.S. TRAP
MS 1	MOP SINK	1/2"	1/2"	2"	1 1/2"	AMERICAN STANDARD #7741.000 28"x28" CAST IRON W/ CHIGAGO FAUCET 956-R, 853 WALL HOOK, AND 2" K-9142 STRAINER
CS 1	CLASSROOM SINK (OPTION)	1/2"	1/2"	2"	1 1/2"	JUST CRA-1725-A-GR 17"x25" w/ 4 1/2" BOWL DEPTH, WITH CHICAGO FAUCET #350 AND BUBBLER JSB-10
WH 1	INSTANT WATER HEATER	1/2"	1/2"	-	-	EEMAX #SP30120, 120V, 3.0 KW, 25A
DF 1	DRINKING FOUNTAIN	1/2"	-	2"	1 1/2"	HALSEY-TAYLOR / BI-LEVEL HAC8FSBL-Q / COOLING TYPE

SEE PROJECT SPECIFIC PLUMBING FIXTURES SHEET P-1.03E-N

** NOTE:
WHERE FLUSH VALVES OR TOILET TANKS CONFLICT WITH THE REAR GRAB BAR, THE 36" REAR GRAB BAR SHALL BE SHIFTED TO THE OPEN SIDE OF THE TOILET AREA WITH 1 1/2" MIN. CLEARANCE FROM FIXTURE OR CONTROL VALVE.

PLUMBING FIXTURE SCHEDULE A

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

PLUMBING DETAILS AND SCHEDULE

REVISIONS

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PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
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2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN 'N STARLING 24975 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

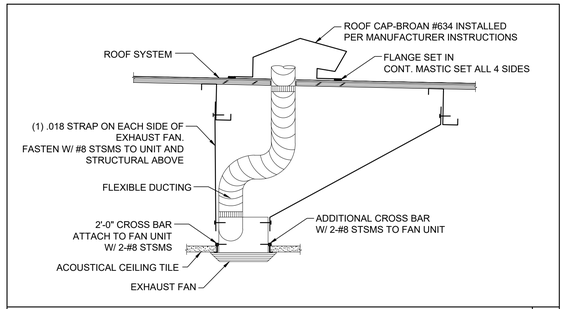
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

P-2.01

LEGEND

SYMBOL	ABB.	DESCRIPTION
	SAD	SUPPLY AIR DUCT
	RAD	RETURN AIR DUCT
	EAD	EXHAUST AIR DUCT
	(L)	LINED DUCTWORK
	CD	SUPPLY CEILING DIFFUSER
	CR	RETURN CEILING REGISTER
	ER	EXHAUST CEILING REGISTER
	VTR	VENT THRU ROOF
	FD	FIRE DAMPER
	MVD	MANUAL VOLUME DAMPER
UC	UC	UNDERCUT DOOR
T	STAT	THERMOSTAT
BT	BT	BYPASS TIMER
	P.O.C	POINT OF CONNECTION



EXHAUST FAN INSTALLATION — SCALE : 1"=1'-0"

CEILING MOUNTED EXHAUST FAN SCHEDULE

SYM.	LOCATION	SERVICE	MANUF.	MODEL	CFM	SONES	SP	ELECTRICAL VOLTS	Ø	ELECTRICAL POWER	WGT.	REMARKS
EF 1	CEILING	TOILET EXHAUST	BROAN*	676	100	4.0	0.25	120	1	156 WATTS	7 LBS.	WITH BROAN ROOF CAP #636. PROVIDE 4" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 2	CEILING	TOILET EXHAUST	BROAN*	L100	109	1.0	0.25	120	1	87 WATTS	22.80 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 6" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 3	CEILING	TOILET EXHAUST	BROAN*	L200	210	2.0	0.25	120	1	127 WATTS	23.0 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 4	CEILING	TOILET EXHAUST	BROAN*	L300	308	2.8	0.25	120	1	212 WATTS	23.10 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.

OR APPROVED EQUAL.

MEP COMPONENT ANCH. NOTE:

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPOORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.C

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE: THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRAVERSE AND LONGITUDINAL DIRECTIONS.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

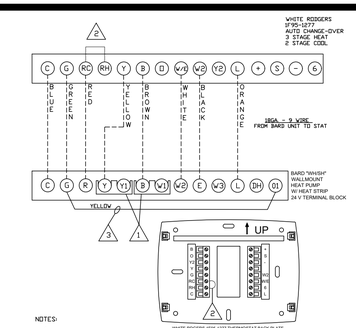
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION QUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF THE DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

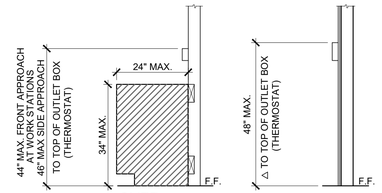
MP☐ MD ☒PP ☐ E☐ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP☐ MD☐PP ☐E☐ OPTION 2: SHALL COMPLY WITH HCAI PREAPPROVAL (OPM #) #----------.



NOTES:
1. BARD FACTORY INSTALLED JUMPER PLATE.
2. WHITE RODGERS FACTORY INSTALLED JUMPER WIRE (RED)
   AFTER WIRING SEE INSTALLER CONFIGURATION SECTION FOR PROPER THERMOSTAT SETTINGS.
   (INSTALLER MUST CHANGE THIS TO HP1 FOR THIS APPLICATION)
3. BARD FACTORY INSTALLED JUMPER WIRE.

UNIT TO THERMOSTAT WIRING — SCALE: NONE — A



△ PROVIDE MIN 30"x48" CLR FLOOR SPACE FOR PERPENDICULAR APPROACH AT EACH LOCATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

MECHANICAL NOTES, SCHEDULES, & DETAILS

REVISIONS
1.
2.
3.
4.
5.

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

~~APPROVED~~
~~DIV. OF THE STATE ARCHITECT~~
~~APP: 04-122000 PC~~
~~REVIEWED FOR~~
~~SS ☑ FLS ☑ ACS ☑ CG ☑~~
~~DATE: 09/25/2023~~
~~PC STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

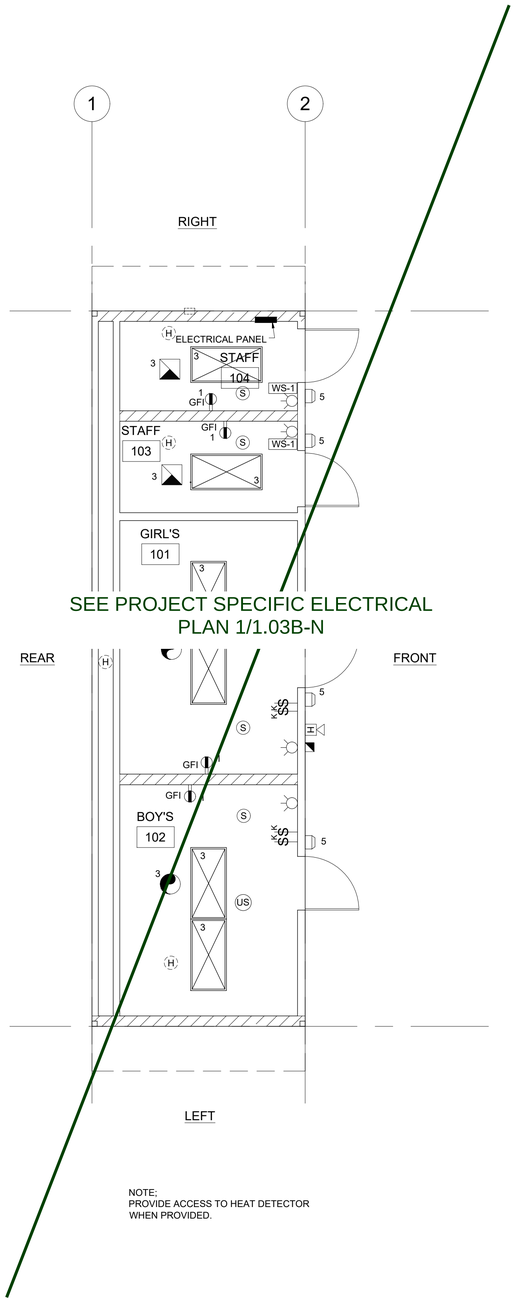
MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24075 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

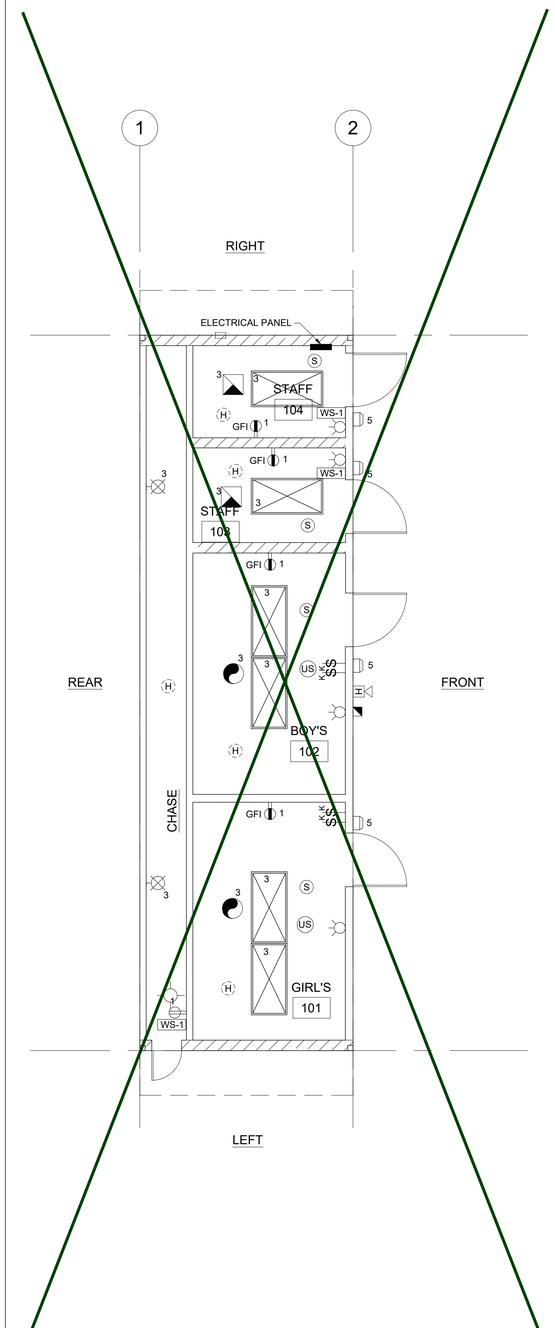
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P.C. SHEET NUMBER
M-0.1

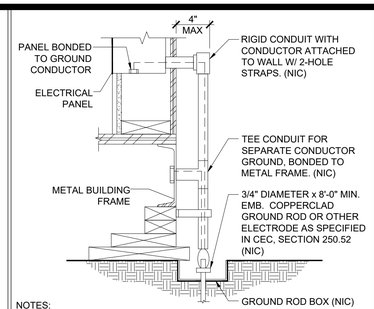


NOTE;
PROVIDE ACCESS TO HEAT DETECTOR
WHEN PROVIDED.

ELECTRICAL PLAN - MODEL C-2 SCALE: 1/4" = 1'-0" | 5



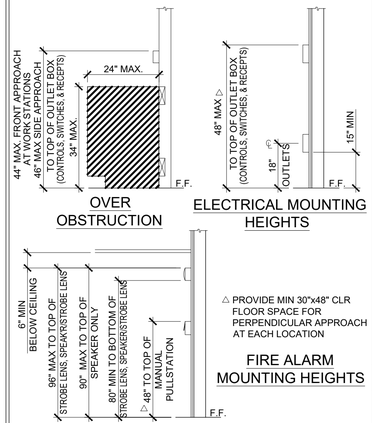
ELECTRICAL PLAN - MODEL C-1 | 4



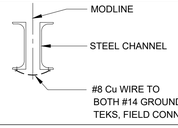
NOTES:

1. SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250.66
2. ELEC. TRADE SHALL CHECK AREA FOR EXISTING CONDUITS, SEWER, GAS & WATER PIPING BEFORE DRIVING GROUND RODS.
3. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELEC'L. PANEL & TO METAL BUILDING FRAME (CEC 250.52) IN ADDITION TO THE DETAIL SHOWN ABOVE. BOND THE ELECTRICAL GROUND TO METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH THE EARTH FOR 10 FT. OR MORE, IF AVAILABLE (CEC 250.52)
4. ALL MODULES OF METAL FRAME BLDGS. SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING). BONDING SHALL INCLUDE METAL RAMP.
5. CHECK RESISTANT TO GROUND ROD, IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (CEC 250.56).

TYPICAL GROUNDING DETAIL | 1



ACCESSIBLE HEIGHTS | 2



GROUND JUMPER AT MODLINE | 3

GROUND JUMPER AT MODLINE

EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD, WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL).

TESTING: TEST FOR RESISTANCE TO GROUND, IF RESISTANCE EXCEEDS 25 OHMS. INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCES TO 25 OHMS OR LESS. (BY SITE ELECTRICAL).

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.

GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.

SCHOOL EQUIPMENT ANCHORAGE

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MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEM (E):

MP MD☐ PP☐ E☑ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

FIRE ALARM NOTES

1. SMOKE AND HEAT DETECTOR CONDUIT AND DEVICES PROVIDED AND INTERCONNECTED BY OTHERS TO FIRE ALARM SYSTEM
2. PROVIDE DEDICATED FIRE ALARM 120 VOLT CIRCUIT CONNECTED TO LOCKED-ON BREAKER. THE CIRCUIT BREAKER SHALL BE LOCKED-ON WITH APPROVED LOCKING DEVICE, MARKED RED AND IDENTIFIED AS "FIRE ALARM CONTROL CIRCUIT". NFPA 72 SECTION 10.6.5.2

CONDUIT FILL AND CONDUCTOR CAPACITY TABLE

(ALL CONDUCTORS SHALL BE TYPE THHN/THWN 90°C. COPPER)

WIRE SIZE	CAPACITY	WIRE TYPE	NO. OF CONDUCTOR PERMITTED 1/2" C	3/4" C	1" C	1 1/4" C
#12	20A	THHN	9	16	25	45
#10	30A	THHN	5	10	16	28
#8	45A	THHN	2	5	8	14
#6	65A	THHN	1	3	5	10
#4	85A	THHN	1	2	4	7

JUNCTION BOX SIZE TABLE

BOX	SIZE	CU. IN.	MAX NO. OF CONDUCTORS #12	#10	#8	#6
4SS	1 1/4" x 4" SQ	18.0	8	7	6	0
4S	1 1/2" x 4" SQ	21.0	9	8	7	0
4SD	2 1/8" x 4" SQ	30.3	13	12	10	6
4SX	2 7/8" x 4" SQ	43.5	23	21	17	10
5SD	2 1/8" x 4-11/16" SQ	42.0	18	16	14	6
5SX	3 7/8" x 4-11/16" SQ	86.0	38	34	28	17
664	4" x 6" SQ	144.0	64	57	48	28

* DEDUCT ONE CONDUCTOR FOR (1) OR MORE GROUNDING CONDUCTORS ENTERING THE BOX

LEGEND

- 2x4 SURFACE MOUNTED OR RECESSED LED LIGHT FIXTURE, DIMMABLE, 37 WATTS (MAX), 3800L (MIN)
- LED WALL PACK LIGHT FIXTURE, 30 WATTS
- ELECTRICAL PANEL AT +60" AFF TO TOP OF ELECTRICAL PANEL WITH 1 1/2" DIA POWER STUB OUT (U.N.O.)
- (OS) CEILING MOUNTED OCCUPANCY SENSOR
- (PC) CEILING MOUNTED PHOTOCELL
- (US) ULTRASONIC CEILING OCCUPANCY SENSOR. SENSOR TO BE CONNECTED TO KEYED LIGHT SWITCHES FOR MANUAL OVERRIDE AND USE FOR RESTROOM W/ PARTITIONS.
- (WS-1) SINGLE SWITCH WALL OCCUPANCY SENSOR. WATTSTOPPER PW-100 OR EQUAL. SENSOR TO BE MOUNTED AT +44" AFF
- $D DIMMER SWITCH, AT +48" AFF. TO TOP OF OUTLET BOX
- $ LIGHT SWITCH. MOUNT AT +48" AFF TO TOP OF OUTLET BOX
- $3 3-WAY LIGHT SWITCH. MOUNT AT +48" AFF TO TOP OF OUTLET BOX
- $K KEYED SWITCH MOUNT AT +48" AFF TO TOP OF OUTLET BOX
- DUPLEX (WALL MOUNTED) RECEPTACLE 15A - 125V - 3 WIRE. MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF DEVICE
- WP EXTERIOR WEATHER PROOF GFI RECEPTACLE AT +24 " AFF FOR A/C SERVICES (MAX 25'-0" FROM UNITS)
- GFI GROUND FAULT CIRCUIT INTERRUPT RECEPTACLE WITHIN 6'-0" OF ALL SINKS
- ROOF ROOF MOUNTED WEATHER PROOF GFI RECEPTACLE
- EM EXTERIOR LED LIGHT FIXTURE W/ 90 MIN. EMERGENCY BATTERY BACKUP WHEN 'EM' IS DESIGNATED NEXT TO FIXTURE W/ PHOTOCELL W/ 30w MAX. MOUNT AT +93" AFF
- CLOCK OUTLET AT +90" AFF TO CENTERLINE OF DEVICE
- EXIT EXIT SIGN WITH 90 MIN. BATTERY BACK UP. EXIT SIGN REQUIRED FOR CLASSROOMS WITH TWO OR MORE EXTERIOR DOORS. CLASSROOMS WITH ONE EXTERIOR DOOR - OPTIONAL)
- 4SD J-BOX FOR FIRE ALARM PULL STATION (DEVICE BY OTHERS). MOUNT AT +48" AFF TO TOP OF OUTLET BOX WITH 3/4" CONDUIT TO FIRE ALARM STROBE WITH PULL STRING
- 4SD J-BOX FOR FIRE ALARM STROBE OR VOICE EVAC SPEAKER (DEVICE BY OTHERS). BOTTOM OF LENS SHALL BE BETWEEN 80" AND 96" AFF AND WITH 3/4" CONDUIT TO EXTERIOR FIRE ALARM HORN WITH PULL STRING
- H 4SD J-BOX FOR EXTERIOR FIRE ALARM SPEAKER (DEVICE BY OTHERS). MOUNT AT +90" AFF TO TOP OF DEVICE WITH 3/4" CONDUIT STUBBED TO ATTIC WITH PULL STRING
- RECESSED 4SD J-BOX W / COVER PLATE FOR FUTURE FIRE ALARM SYSTEM BY OTHERS. MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF BOX AND PROVIDE 1" CO STUB TO ATTIC SPACE WITH PULL STRING
- S 4SD J-BOX IN ATTIC FOR CEILING MOUNTED SMOKE DETECTOR (DEVICE BY OTHERS). MAXIMUM 21'-0" FROM ANY POINT IN ROOM AND 30'-0" BETWEEN THEM. PROVIDE A 6'-0" CONDUIT FROM EACH J-BOX TO SMOKE DETECTOR LOCATION. CONDUIT & CONNECTION TO CEILING DEVICE & DEVICE BY OTHERS (ALARM NOTE #1)
- H 4SD J-BOX IN ATTIC FOR ATTIC MOUNTED HEAT DETECTOR (DEVICE BY OTHERS). MAXIMUM 35'-0" FROM ANY POINT IN ATTIC AND 50'-0" BETWEEN THEM. PROVIDE A 6'-0" CONDUIT FROM EACH J-BOX TO HEAT DETECTOR LOCATION. CONDUIT & CONNECTION TO CEILING DEVICE & DEVICE BY OTHERS (ALARM NOTE #1)
- WH 4SD J-BOX FOR WATER HEATER LOCATE ABOVE CEILING W/ COVER PLATE, HARD WIRE TO UNIT
- 100 CFM CEILING MOUNTED EXHAUST FAN. INTERLOCKED WITH LIGHT SWITCH
- 300 CFM CEILING MOUNTED EXHAUST FAN. INTERLOCKED WITH LIGHT SWITCH

SEE PROJECT SPECIFIC ELECTRICAL PLAN 1/1.03B-N

VOLTS: 120/208 V
MAIN: 100A
FEED: REAR
MOUNTING: RECESSED

LOAD	QTY	WATTS AØ	WATTS BØ	BREAKER Amps	BREAKER P	Circuit	A	B	Circuit	BREAKER Amps	BREAKER P	WATTS AØ	WATTS BØ	QTY	LOAD
RECEPTACLES / GFI	5	900													DRINKING FOUNTAIN
INTERIOR LIGHTING / EXHAUST FAN	12														
EXTERIOR LIGHTING	4														
EMPTY															
DED - SOLAR READY						9			10						
DED - SOLAR READY						11			12						
						13			14	20	1		40		FIRE ALARM CONTROL PANEL, SEE FIRE ALARM NOTE #2
A = 1068 WATTS / PHASE		1068	780									650	40		B = 820 WATTS / PHASE
TOTAL = 1888 WATTS		9.08 AMPS		120/208 VOLTS		1 Ø								3	WIRE

SEE PROJECT SPECIFIC ELECTRICAL PANEL 1/1.03B-N

NOTE: PROVIDE A MINIMUM OF 72 SF SOLAR READY AREA PER MODULE. AREA TO BE A MINIMUM OF 5' IN ANY DIRECTION WITH A MINIMUM SPACE OF 80 SF PER BUILDING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
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PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

ELECTRICAL PLAN AND SCHEDULE MODEL C-1 OR C-2

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
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~~SS ☑ FLS ☑ ACS ☑ CG ☑~~
~~DATE: 09/25/2023~~
~~PS STATE AGENCY APPROVAL~~

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

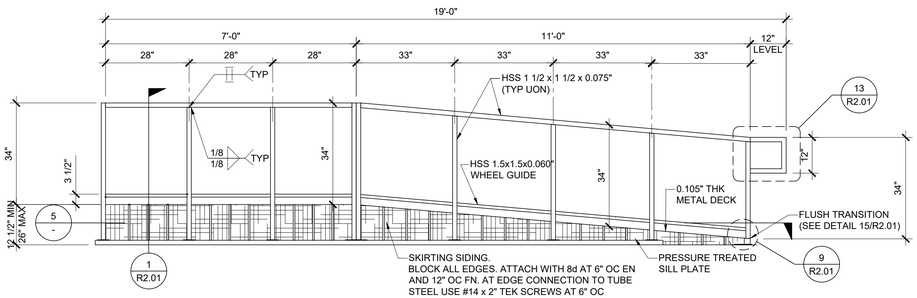
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24975 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

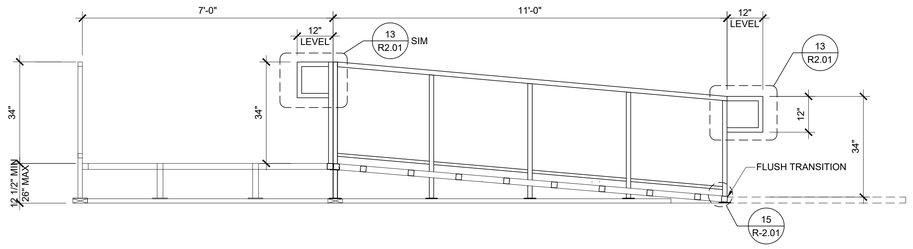
P.C. SHEET NUMBER

E-1.03



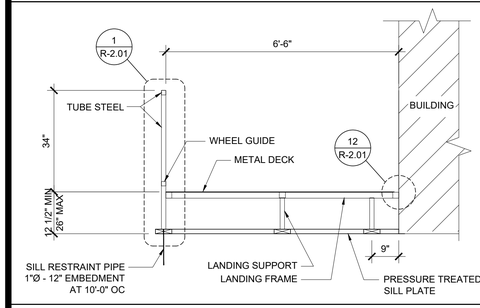
RAMP AND LANDING ELEVATION

SCALE : 1/2" = 1'-0" | 4



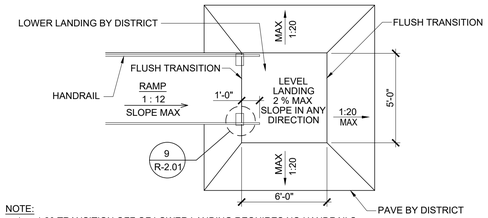
SECTION AT RAMP AND LANDING

SCALE : 1/2" = 1'-0" | 5



SECTION AT LANDING

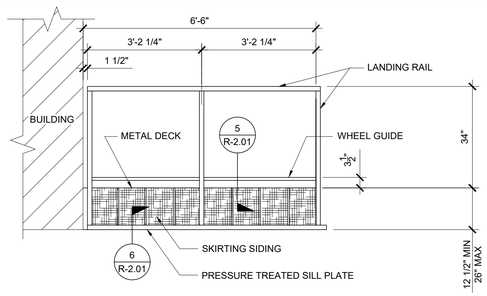
SCALE : 1/2" = 1'-0" | 9



NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT.
(THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMONSTRATE ACCESSIBLE RAMP.)

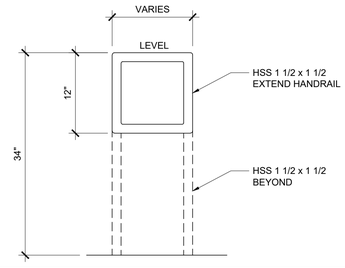
RAMP TRANSITION

SCALE: NTS | 10



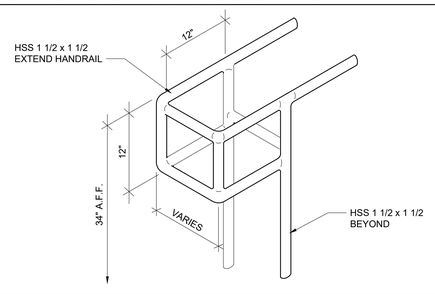
LANDING ELEVATION

SCALE : 1/2" = 1'-0" | 6



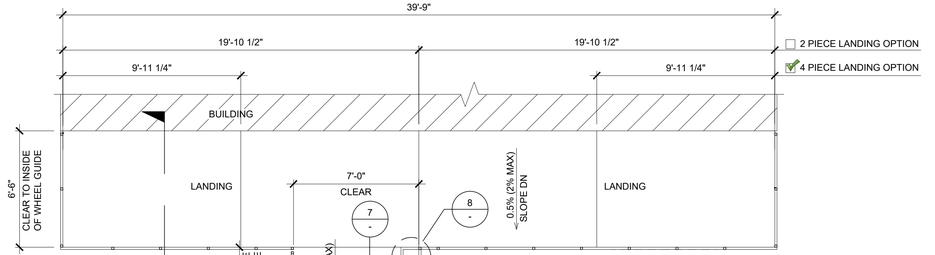
RETURN EXTEND HANDRAIL ELEVATION

SCALE : 1" = 1'-0" | 7



RETURN EXTEND HANDRAIL ISOMETRIC

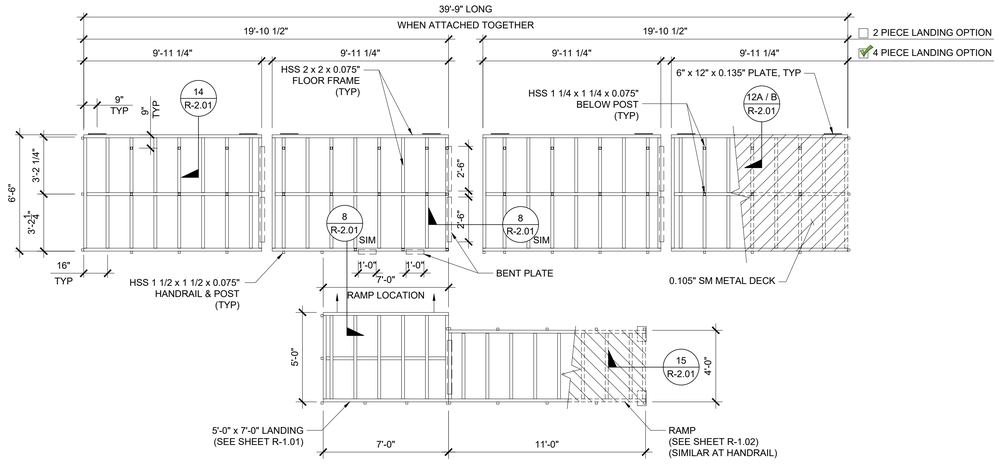
SCALE : NTS | 8



NOTE:
THIS LANDING DESIGN IS FOR USE AT THE 40'-0" MODULE SIDEWALL.
IF THIS LANDING DESIGN IS USED AT THE 12'-0" MODULE ENDWALL THEN THE EDGE OF THE LANDING SHALL BE 7" CLEAR (MIN) FROM THE CORNER OF THE BUILDING.

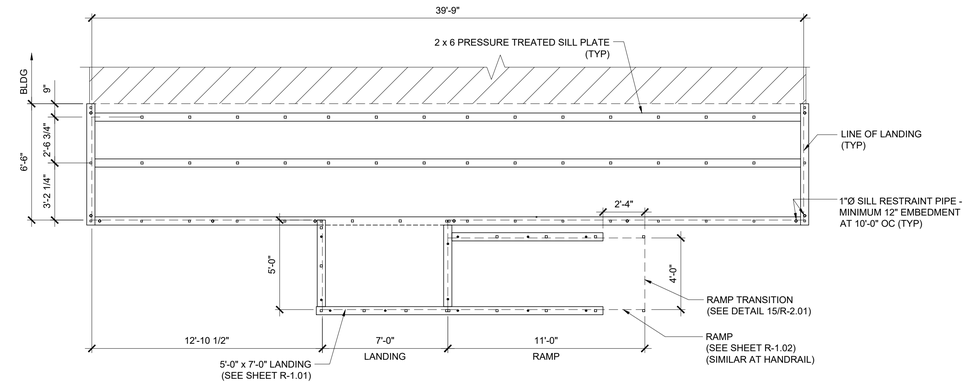
LANDING PLAN

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



LANDING FRAME

SCALE : 1/4" = 1'-0" | 2



SILL PLAN FOR RAMP AND LANDING

SCALE : 1/4" = 1'-0" | 3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:

E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

RAMP LANDING

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

~~APPROVED~~
~~DIV. OF THE STATE ARCHITECT~~
~~APP: 04-122000 PC~~
~~REVIEWED FOR~~
~~SS ☑ FLS ☑ ACS ☑ CG ☑~~
~~DATE: 09/25/2023~~
~~PC STATE AGENCY APPROVAL~~

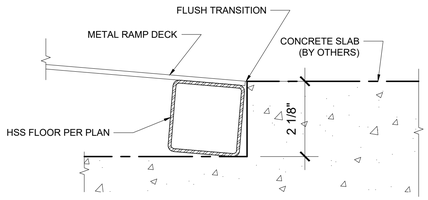
Silver Creek
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PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

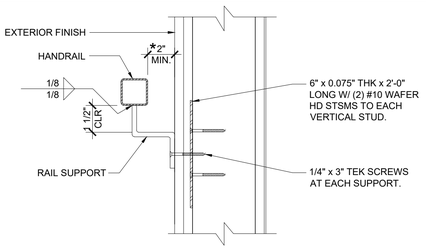
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	02-27-2023
P.C. SHEET NUMBER	R-1.03

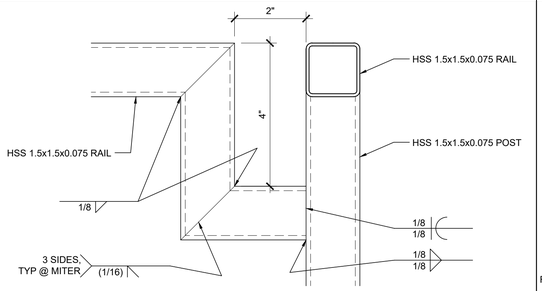


FLUSH TRANSITION AT BOTTOM OF RAMP SCALE : 6" = 1'-0" 15

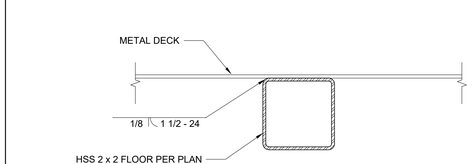


NOTE (★)
1. ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 11B-505.8 WALL TO BE SMOOTH AND TO EXTEND 18" ABOVE HANDRAIL

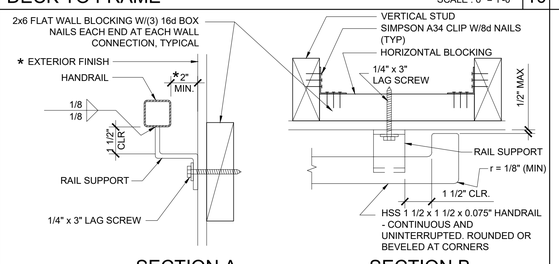
HANDRAIL CONNECTION AT SHEETMETAL BLKG SCALE : 3" = 1'-0" 16



RAIL NOTCH AT HANDRAIL SCALE : 6" = 1'-0" 17

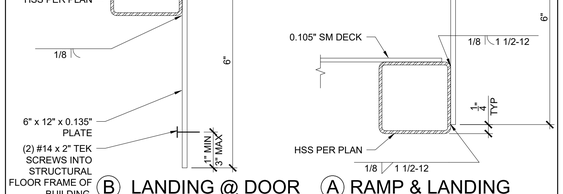


DECK TO FRAME SCALE : 6" = 1'-0" 10

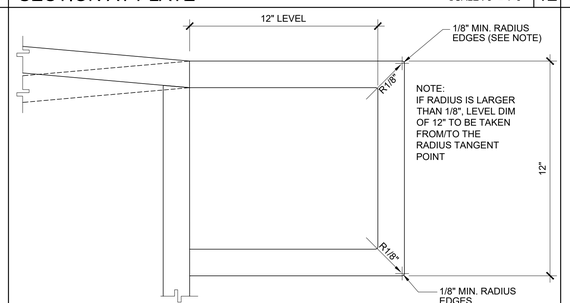


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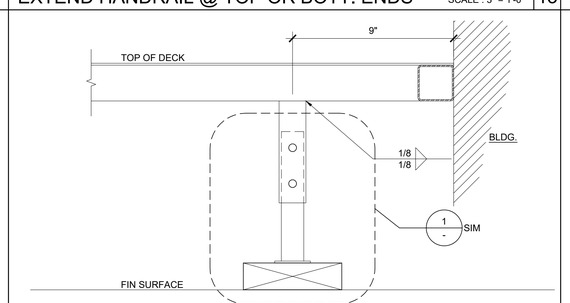
HANDRAIL CONNECTION AT WOOD BLOCKING SCALE : 3" = 1'-0" 11



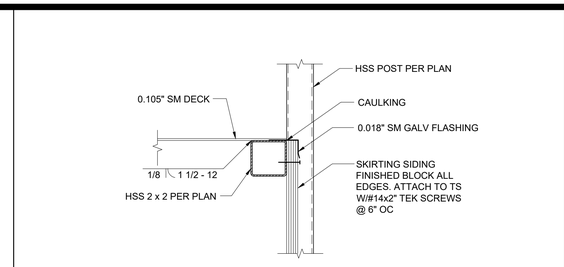
SECTION AT PLATE SCALE : 6" = 1'-0" 12



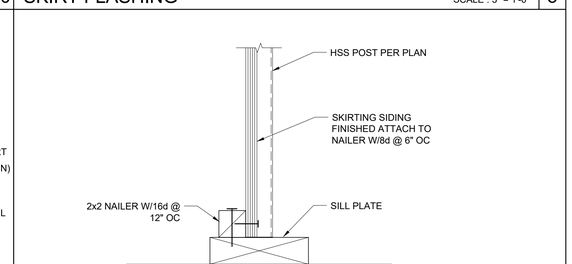
EXTEND HANDRAIL @ TOP OR BOTT. ENDS SCALE : 3" = 1'-0" 13



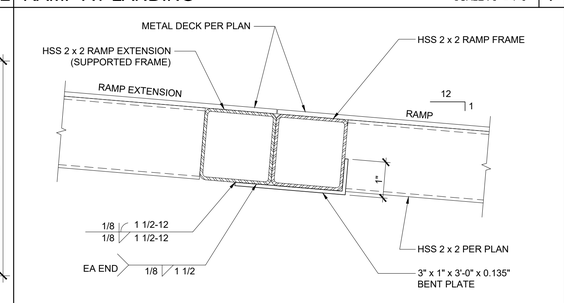
INTERIOR LANDING LEG SECTION SCALE : 3" = 1'-0" 14



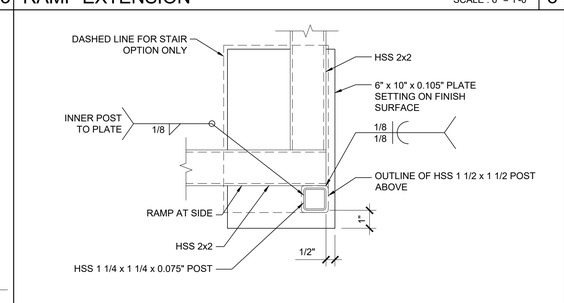
SKIRT FLASHING SCALE : 3" = 1'-0" 5



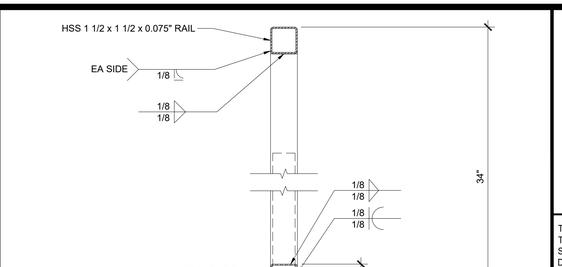
SKIRT FLASHING AT SILL PLATE SCALE : 3" = 1'-0" 6



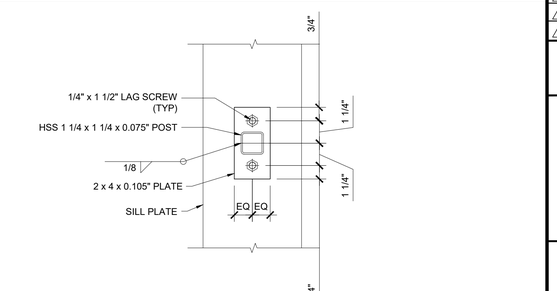
RAMP EXTENSION SCALE : 6" = 1'-0" 8



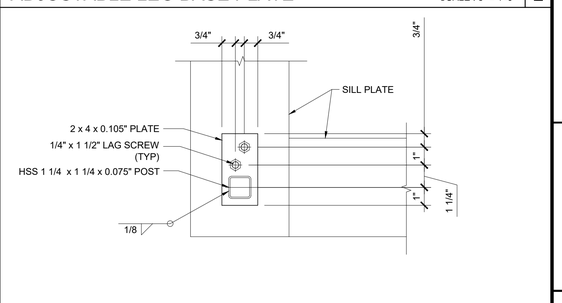
BASE PLATE AT RAMP TOE SCALE : 3" = 1'-0" 9



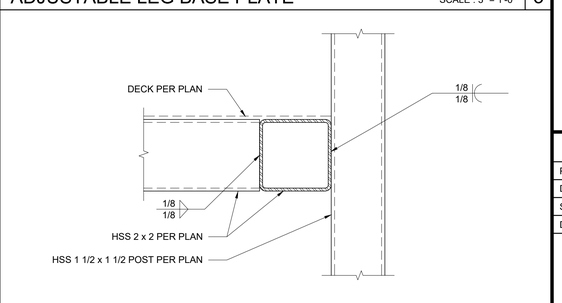
ADJUSTABLE LEG SCALE : 3" = 1'-0" 1



ADJUSTABLE LEG BASE PLATE SCALE : 3" = 1'-0" 2



ADJUSTABLE LEG BASE PLATE SCALE : 3" = 1'-0" 3



GUARDRAIL POST ATTACHMENT SCALE : 6" = 1'-0" 4

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DIV. OF THE STATE ARCHITECT
APP. 04-124823 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 09/18/2025

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E HALE CURRAN ELEMENTARY SCHOOL
(1) 12'x40' RESTROOM
MODEL C-2

SHEET TITLE:

RAMP DETAILS

REVISIONS
1
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MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLIN 29775 STRUCTURAL STATE OF CALIFORNIA

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R-2.01