Business Services
Contracts Office
5735 47th Avenue ● Sacramento, CA 95824
(916) 643-2464
Lisa Grant Dawson, Interim Chief Business Officer
Robert Aldama, Purchasing Manager II

ADDENDUM NO. 2

Date: May 11, 2026

Issued by: Sacramento City Unified School District

Project: **Project #: 0097-489**
Abraham Lincoln Phase 1 TK Expansion Project

This addenda shall supersede the original Information, attachments, and specifications regarding **Project No. 0097-489** where it adds to, deletes from, clarifies or otherwise modifies them. All other conditions and any previous addenda shall remain unchanged.

Part A – Drawings and Specifications

AD2.01 DSA SUBMITTED CONSTRUCTION DOCUMENTS

Attached DSA Submitted Drawings shall supersede current Drawings posted on SCUSD District Website.

Part B – Bidder Questions

QUESTION #1: I am writing to request clarification regarding the MEP subcontractor prequalification requirements outlined in the Notice to Bidders. The notice states that the Project is subject to Public Contract Code section 20111.6 and that all mechanical, electrical, and plumbing (MEP) subcontractors must be prequalified prior to the bid due date. However, my understanding is that these requirements apply to projects with an estimated value of one million dollars ($1,000,000) or more and is funded from a state school bond. Since this project is estimated at approximately $700,000, can you please confirm whether MEP subcontractors are still required to be prequalified in order to bid? We appreciate your clarification to ensure our bid is fully compliant with the District's requirements.

Response: This is determined by the bid value and not the Engineers estimate. We do not anticipate that any trades bid package will exceed $1,000,000 therefore prequalification will likely not be required.

Part C – List of Attachments

AD2.02 – Abraham Lincoln Elementary School – DSA Submitted Drawings (51 Pages)

END OF ADDENDUM NO. 2

Acknowledgement of this Addendum will be required at time of bid.

THE LINE SHOWN ABOVE IS 1" LONG WHEN PRINTED AT FULL SIZE ON THE SHEET'S ORIGINAL PAGE SIZE

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827



AGENCY APPROVAL:

REVIEWING AGENCIES STAMP HERE

Sacramento City Unified School District

HMC Architects
DESIGN FOR GOOD
3186-077-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916 368 7990 / www.hmcarchitects.com

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LICENSED ARCHITECT MICHAEL CHESTER RAY C-25193 REN. 07/31/27 STATE OF CALIFORNIA

PROJECT TEAM

OWNER
SACRAMENTO CITY USD
5735 47TH AVENUE SACRAMENTO, CA 95824
916-643-7400

CIVIL
WCE
1117 WINFIELD WAY, SUITE 110 EL DORADO HILLS, CA
916-985-1877

ARCHITECT
HMC ARCHITECTS
2101 CAPITOL AVENUE, SUITE 100 SACRAMENTO, CA 95816
916-368-7990

MEP DATA & FIRE ALARM
IMEG
1677 EUREKA ROAD, SUITE 102 ROSEVILLE, CA 95661
916-780-2030

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
COVER SHEET

CONSTRUCTION DOCUMENTS

DATE: **2026.05.04**
CLIENT PROJ NO:

SHEET:

G0.10

Autodesk Docs://3186077000 SCUSD Abraham Lincoln TK Classroom Add R24/3186077000-A-LNCLN-TK-INC 1-SITE.rvt
5/4/2026 4:43:41 PM

PLEASE RECYCLE

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS SHEETS ORIGINAL PAGE 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 EXCERCISE 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 2025 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. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, AND THE WRITTEN SITE SAFETY PLAN.
18. CONTRACTOR IS TO REVIEW AND COMPLY WITH ALL REQUIREMENTS AND MITIGATION MEASURES SET FORTH.
19. NO DUMPING OR PLACING OF ANY DIRT OR DEBRIS SHALL BE ALLOWED OUTSIDE OF THE CONTRACTORS LIMIT OF WORK AREA.
20. TO THE FULLEST EXTENT PERMITTED BY LAW, THE GENERAL CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS THE OWNER, THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS, AGAINST ANY CLAIMS RELATED TO HAZARDOUS MATERIALS CAUSED, IN WHOLE OR IN PART, BY THE GENERAL CONTRACTOR OR ITS SUBCONTRACTORS. FURTHER, THE GENERAL CONTRACTOR AND ITS SUBCONTRACTORS SHALL OBTAIN CONTRACTUAL LIABILITY COVERAGE FOR THIS INDEMNIFICATION OBLIGATION AND SHALL NAME THE OWNER, THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS AS ADDITIONAL INSUREDS UNDER ANY INSURANCE POLICIES PROVIDING SUCH CONTRACTUAL LIABILITY COVERAGE.
21. 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.
22. 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.
23. 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.
24. 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 OF RECORD, AND THE DSA FIELD ENGINEER. THE REPORTS OF ANY FAILURES OF TESTS AND INSPECTIONS ARE TO BE SUBMITTED TO DSA DISTRICT STRUCTURAL ENGINEER.
25. 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)

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.

CODES

PARTIAL LIST OF APPLICABLE CODES

ALL WORK PERTAINING TO AND ALL MATERIALS SUPPLIED FOR EXECUTING AND COMPLETING THIS CONTRACT SHALL COMPLY WITH PROVISIONS SPECIFIED IN THE CONTRACT DOCUMENTS AND WITH ALL APPLICABLE LAWS, REGULATIONS AND ORDINANCES GOVERNING WORK INCLUDING, BUT NOT NECESSARILY LIMITED TO, THOSE OF:

- 2025 CALIFORNIA BUILDING STANDARDS, ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2025 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR), VOL. 1&2 BASED ON THE 2024 INTERNATIONAL BUILDING CODE
- 2025 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2023 NATIONAL ELECTRICAL CODE (NEC)
- 2025 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2024 UNIFORM MECHANICAL CODE (UMC)
- 2025 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2024 UNIFORM PLUMBING CODE (UPC)
- 2025 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2025 CALIFORNIA HISTORICAL BUILDING CODE (CHBC) PART 8, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2025 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2024 INTERNATIONAL FIRE CODE (IFC)
- 2025 CALIFORNIA EXISTING BUILDING CODE (CEBC) PART 10, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2024 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN) PART 11, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2025 CALIFORNIA REFERENCED STANDARDS CODE (CRSC) PART12,TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2024 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101 LIFE SAFETY CODE
- 2024 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 99 HEALTH CARE FACILITIES CODE

TITLE 19 CCR, PUBLIC SAFETY STATE FIRE MARSHALL REGULATIONS

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2025 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

PARTIAL LIST OF APPLICABLE STANDARDS

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

STATEMENT OF GENERAL CONFORMANCE

APPLICATION NO.: 02-124221
FILE NO.: 34-53

( ) 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): ______

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.

SIGNATURE — ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE
DATE: 05-04-25

PRINT NAME: MICHAEL C. RATH
LICENSE NUMBER: C-25193
EXPIRATION DATE: 07-31-27

PROJECT DESCRIPTION

GENERAL DESCRIPTION OF WORK

RELOCATE (2) PORTABLES FROM GENEVIEVE F. DIDION K-8 SCHOOL, WITH ENTRANCES AT GRADE (NO RAMPS), WITH ASSOCIATED SITE WORK, INCLUDING GRADING, PAVING, STORM DRAINAGE, ELECTRICAL, TELECOM, FIRE ALARM, ETC. (E) FENCE TO BE RELOCATED AROUND THE PERIMETER OF THE PORTABLES.

PROJECT DATA

PROJECT ADDRESS

3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT INFORMATION

BUILDING NAME: D1 & D2

YEAR BUILT: 1999

TYPE OF CONSTRUCTION: VB

OCCUPANCY: E

AUTOMATIC FIRE SPRINKLER SYSTEM: NON-SPRINKLERED

NUMBER OF STORIES: 1

BUILDING AREA: 940 SF BUILDING
165 SF OF OVERHANGS
(TYPICAL OF 2 BUILDINGS)
2210 SF TOTAL

(FOR ADDITIONAL INFORMATION, SEE CODE INFORMATION SITE PLAN, SHEET G1.11)

SITE SPECIFIC DESIGN CRITERIA

BASIS OF STRUCTURAL DESIGN

2025 CALIFORNIA BUILDING CODE - CBC
2022 ASCE 7
RISK CATEGORY II
DSA - SS AMENDMENTS

WIND LOADS - RISK CATEGORY

94 MPH (ULT), 77 MPH (ASD)
EXPOSURE C
TOPOGRAPHIC FACTOR - K_{ZT} 1.00
INTERNAL PRESSURE - GC_{PI} ±0.18
q (0'-15'): ASD **9.9 PSF**

SEISMIC LOADS - RISK CATEGORY II

SOIL SITE CLASS DEFAULT
SEISMIC DESIGN CATEGORY D

S_S	0.54	S_1	0.21
S_{MS}	0.85	S_{M1}	0.57
S_{DS}	0.57	S_{D1}	0.38

DEFERRED APPROVAL

NONE

SHEET INDEX

NUMBER	NAME
GENERAL SHEET	
G0.10	COVER SHEET
G0.11	PROJECT DATA SHEET
G0.12	RESPONSIBILITY MATRIX
3	
PROJECT ANALYSIS	
G1.11	CODE INFORMATION SITE PLAN
G1.31	EXITING ANALYSIS
G1.51	LOCAL FIRE AUTHORITY SITE ACCESS PLAN
3	
CIVIL	
C0.1	CIVIL GENERAL NOTES AND ABBREVIATIONS
C0.2	TOPOGRAPHIC SURVEY
C1.1	DEMOLITION PLAN
C2.1	GRADING AND PAVING PLAN
C3.1	UTILITY PLAN
C4.1	FENCING PLAN
C5.1	DETAILS AND SECTIONS
C5.2	DETAILS AND SECTIONS
8	
ARCHITECTURE	
A1.01	SITE DEMOLITION PLAN - GENEVIEVE DIDION
A2.11	FLOOR PLANS & RCPS
A5.11	EXTERIOR ELEVATIONS
A8.11	INTERIOR ELEVATIONS
A10.81	TYPICAL DETAILS
5	
PLUMBING	
P0.00	PLUMBING COVERSHEET
P1.00	SITE DEMOLITION PLAN - GENEVIEVE DIDION - PLUMBING
P2.00	SITE PLAN - PLUMBING NEW CONSTRUCTION
3	
ELECTRICAL	
E0.00	ELECTRICAL COVERSHEET
E1.00	SITE DEMOLITION PLAN - GENEVIEVE DIDION - ELECTRICAL
E2.00	SITE PLAN - ELECTRICAL NEW CONSTRUCTION
E2.01	SITE PLAN - EGRESS PHOTOMETRIC
E2.10	FLOOR PLAN - ELECTRICAL NEW CONSTRUCTION
E4.00	ELECTRICAL DETAILS
E5.00	ELECTRICAL DIAGRAMS
7	
FIRE ALARM	
FA0.00	FIRE ALARM COVERSHEET
FA1.00	SITE DEMOLITION PLAN - GENEVIEVE DIDION - FIRE ALARM
FA1.10	FLOOR DEMOLITION PLAN - FIRE ALARM
FA2.00	SITE PLAN - FIRE ALARM NEW CONSTRUCTION
FA2.10	FLOOR PLAN - FIRE ALARM NEW CONSTRUCTION
FA4.00	FIRE ALARM DETAILS
FA5.00	FIRE ALARM DIAGRAMS
7	
PC DOCUMENTS	

NUMBER	NAME
A	INDEX AND TEST & INSPECTION SHEET
A1	GENERAL NOTES
A1.2	24'X40' EXTEIROR ELEVATIONS
A2.2	24'X40' FLOOR AND REFLECTED CEILING PLANS
A3	STANDARD DETAILS
A4	GENERAL SPECIFICATIONS
P1	STANDARD PLUMBING SPECIFICATIONS AND DETAILS
S0.1	GENERAL NOTES AND TYPICAL DETAILS
S0.2	TYPICAL DETAILS
S2.1W	WOOD PAD FOUNDATION PLANS
S2.2M	MULTI-WIDE FLOOR AND ROOF FRAMING PLANS
S3.1MA	MULTI-WIDE SHEARWALL ELEVATIONS (24',36', & 48'X40')
S5.1W	WOOD PAD FOUNDATION DETAILS
S8.1	FRAMING DETAILS
S8.2	FRAMING DETAILS
15	
Grand total: 51	

SYMBOL LEGEND

NORTH ARROW (TN / PN)
- TICK INDICATES PLAN NORTH
- ARROW INDICATES TRUE NORTH

ELEVATION CALLOUT (TYPICAL FOR EXTERIOR) (1 / AX.XX)
- LOCATION ON SHEET
- SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT (TYPICAL FOR INTERIOR) (A1, A2, A3, A4 / AX.XX)
- LOCATION ON SHEET
- SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT - ALT. (FOR EXTERIOR AND INTERIOR) (18/AX.XX)
- LOCATION & SHEET WHERE ELEVATION IS DRAWN

SECTION CALLOUT (SIM, 1 / AX.XX)
- INDICATES A SIMILAR CONDITION
- LOCATION ON SHEET
- SHEET WHERE SECTION IS DRAWN

DETAIL CALLOUT (SIM, 1 / AX.XX)
- INDICATES A SIMILAR CONDITION
- LOCATION ON SHEET
- SHEET WHERE SECTION IS DRAWN

CONTROL OR DATUM POINT (FIRST FLOOR +0' - 0")
- NAME OF ELEVATION (IF APPLICABLE)
- ELEVATION ABOVE FINISHED FLOOR

GRID BUBBLE (0)
- EXISTING BUILDING GRID SYMBOL
- GRID NUMBER
- NEW BUILDING GRID SYMBOL

DOOR CALLOUT (101A)
- DOOR NUMBER

INTERIOR FINISH CALLOUT (FA)
- MATERIAL FINISH TYPE (SEE FINISH SCHEDULE)

WINDOW CALLOUT (09-WF1)
- WINDOW NUMBER (SEE WINDOW SCHEDULE)

WALL TYPE CALLOUT (AS6A; AS4A 55 1FB)
- WALL TYPE MARK - SEE A10.11
- WALL STC RATING
- WALL FIRE RATING TYPE

MATCHLINE REFERENCE (X / X)
- 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 (WI999, L, WD, HT, DP)
- 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	USED ONLY IF REQUIRED IF NOT COLUMN IS OMITTED
L LANDSCAPE	2 FLOOR PLAN	
A ARCHITECTURE	3 CEILING PLAN	
I INTERIORS	4 ROOF PLAN	
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		

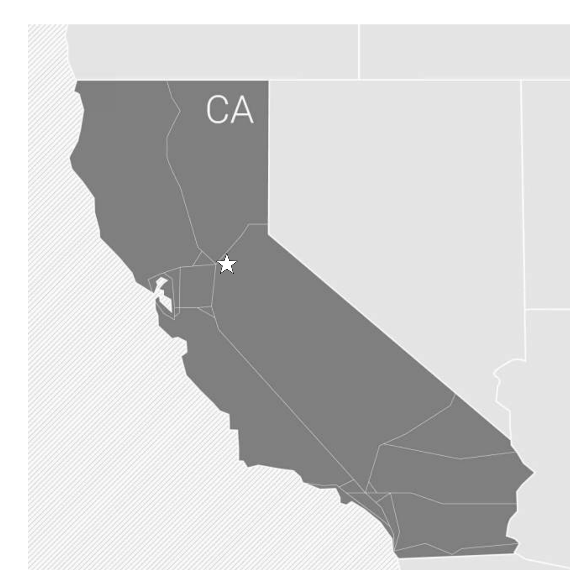
A A 1 . 1 1 A . A
- SERIES ORDER
- SHEET TYPE
- DISCIPLINE
- SEGMENT (IF APPLICABLE)
- BUILDING LETTER (IF APPLICABLE)
- FLOOR LEVEL OR SEQUENTIAL ORDER
- USER DEFINED (IF APPLICABLE)

ABBREVIATIONS

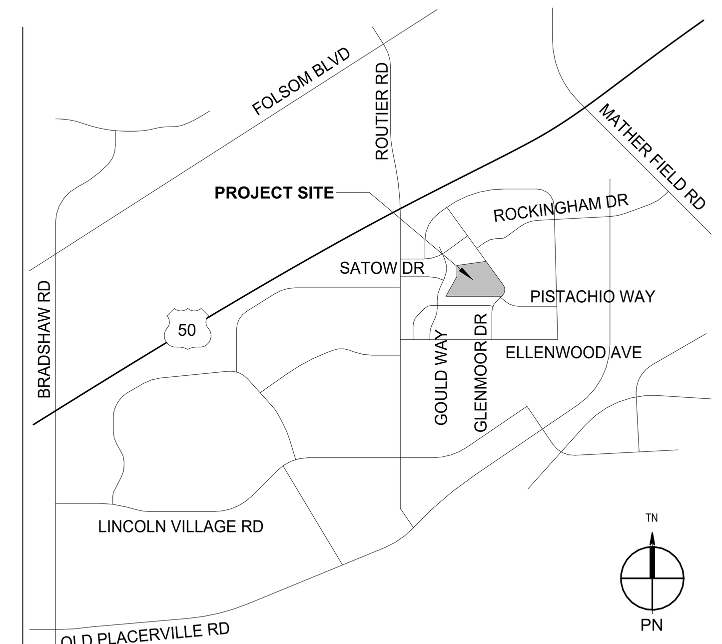
(E)	EXISTING
AB	ANCHOR BOLT
AC PAVING	ASPHALTIC CONCRETE PAVING
ACC	ACCESS/ACCESSIBLE
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT/ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
AHU	AIR HANDLING UNIT
ARCH	ARCHITECTURAL
ATT	ATTENUATION
AUTO	AUTOMATIC
BD	BOARD
BLCG	BLOCKING
BLDG	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 SUNK
CW	CURTAINWALL
DEPR	DEPRESSED / DEPRESSION
DF	DRINKING FOUNTAIN
DIM	DIMENSION
DISP	DISPENSER
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG(S)	DRAWING(S)
E/W	EACH WAY
EIFS SYSTEM	EXTERIOR INSULATION FINISH
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION / ELEVATOR
ENCL	ENCLOSE / ENCLOSURE
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EQ	EQUAL
ESC	ESCUTCHEON
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
FHS	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
HT	HIGH TEMP (SELF ADHERING FLASHING)
ID	INSIDE DIAMETER
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 DIAMETER
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
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	RECEPTACLE
REF	REFERENCE
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
SAF	SELF ADHERING FLASHING
SCH	SCHEDULE (FOR PIPE)
SCHED	SCHEDULE / SCHEDULING
SD	STORM DRAIN / SOAP DISPENSER
SECT	SECTION
SG	SAFETY GLASS
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SMS	SHEET METAL SCREW
SND	SANITARY NAPKIN DISPOSAL
SOV	SHUT OFF VALVE
SPEC	SPECIFICATIONS
SS	STAINLESS STEEL
STC	SOUND TRAMISSION CLASS
STL	STEEL
STSMS SCREW	SELF TAPPING SHEET METAL
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.

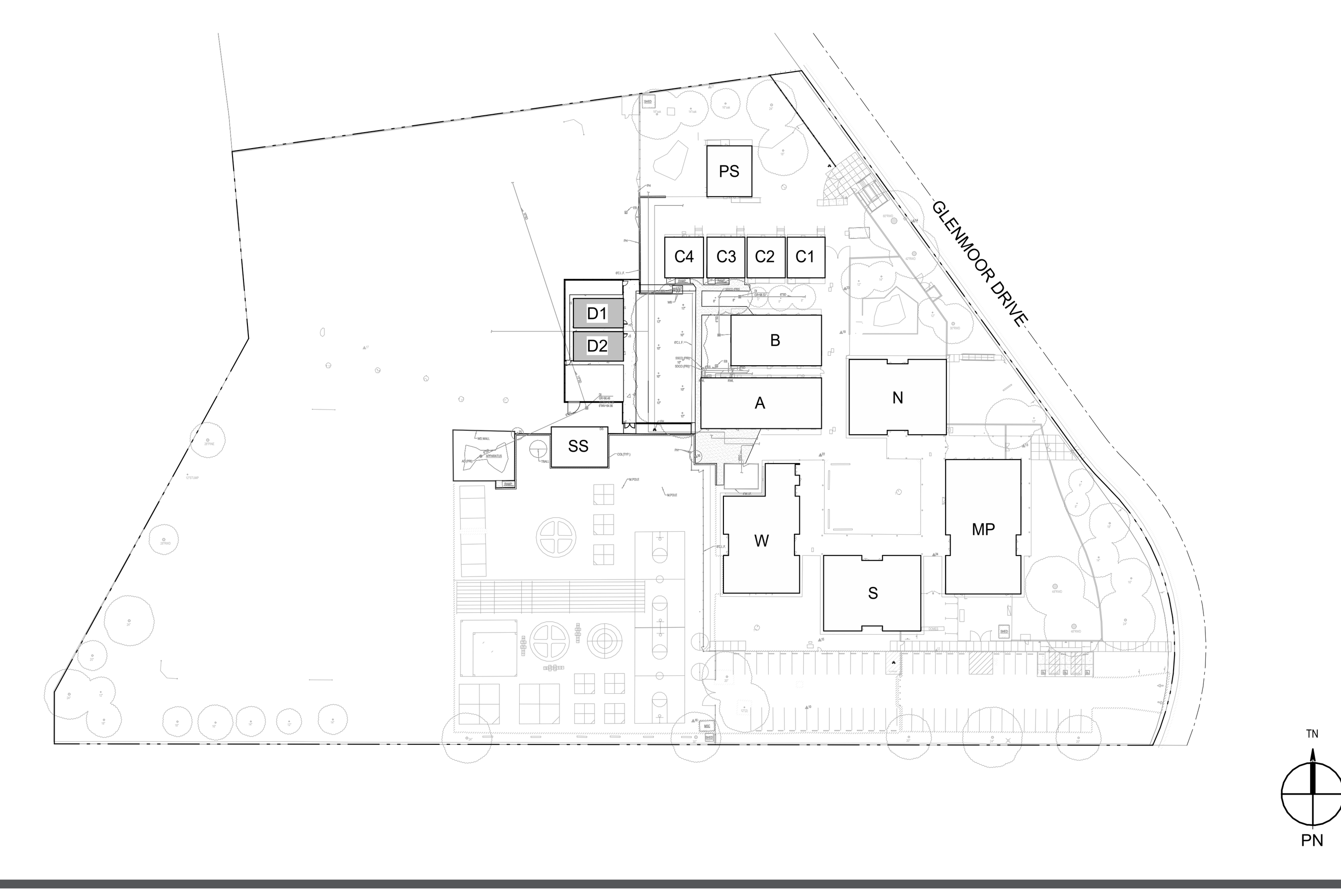
STATE MAP



VICINITY MAP



OVERALL SITE PLAN



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ISSUE

Δ	DESCRIPTION	DATE

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
PROJECT DATA SHEET

CONSTRUCTION DOCUMENTS

DATE: **2026.05.04** CLIENT PROJ NO:

SHEET:
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RESPONSIBILITY MATRIX

Note: This matrix is a general guide to clarify responsibility, and not intended to be all encompassing. Work is prime contractor's scope not clarified in this matrix, but identified in drawings and specifications. Work is prime contractor's scope in the event of a discrepancy between responsible parties.

ACTIVITY DESCRIPTION	PRIME CONTRACTOR	MODULAR CONTRACTOR	DISTRICT/ OTHERS	COMMENTS
DIVISION 01 - GENERAL REQUIREMENTS				
Temporary facilities/toilets	X			
Temporary site fencing/dumpsters	X			
Temporary field office trailers	X			
Temporary electrical power	X			
Temporary Water	X			
Sanitization/Safety Stations	X			
All city permits, fees, water, electrical etc.	X			
Temporary phone & internet	X			
Staging area for modules on site	X			
Site security	X			
DIVISION 02 - EXISTING CONDITIONS				
Subsurface investigation	X			
Demolition & removals	X			
DIVISION 03 - CONCRETE				
Mow strips	X			
Site flatwork & accessories	X			
~~Curb & gutter~~				
Modular building foundations	X	X		
~~Non-modular site foundations~~				
Foundation staking	X			
Mechanical & utility foundations	X			
Haul-off of all foundation/form spoils from site	X			
All modular building footings & stem walls	X	X		
Crawl space slurry - i.e. rat slab including vapor barrier	X			
Install foundation vents and grates	X			
Supply metal grates and frames material	X			
Foundation pins		X		
Foundation pin installation		X		
~~Modular foundation- dig footings~~				
DIVISION 04 - MASONRY - Not Applicable				
DIVISION 05 - METALS				

PAGE 1

ACTIVITY DESCRIPTION	PRIME CONTRACTOR	MODULAR CONTRACTOR	DISTRICT/ OTHERS	COMMENTS
Building foundation flashings	X			
Building foundation & access vent grates	X			
~~ADA building handrails~~				
~~ADA building guardrails~~				
~~ADA site handrails~~				
~~ADA site guardrails~~				
~~ADA Drinking Fountain Handrails~~				
Provide/install gutters on modular buildings	X			
Storm drainage	X			
DIVISION 07 - THERMAL & MOISTURE PROTECTION				
Building dampproofing & waterproofing		X		
Standing Seam Metal roof on Modular Buildings		X		
DIVISION 08 - OPENINGS				
~~Doors & frames~~				
~~Windows & frames~~				
Door hardware	X			
~~Glazing~~				
DIVISION 09 - FINISHES				
~~Plaster & gypsum board~~				
Tackable wall panels	X			
Ceilings / Acoustical Tiling	X			
Flooring	X			
Wall finishes	X			
Painting & coatings	X			
~~Door frames & doors~~				
~~Conventional Stucco Integral Color~~				
Exterior caulking / Siding	X			
~~Interior window sils~~				
DIVISION 10 - SPECIALTIES				
Building & site ADA signage and other Site Signage	X			
DIVISION 11 - EQUPMENT				
Security equipment - If Applicable	X			
Educational equipment (smart TVs, WAPs, smartboards, etc.)	X		X	
DIVISION 12 - FURNISHINGS				
Casework, cabinets, & countertops	X			

PAGE 2

ACTIVITY DESCRIPTION	PRIME CONTRACTOR	MODULAR CONTRACTOR	DISTRICT/ OTHERS	COMMENTS
Classroom furniture			X	
DIVISION 13 - Special Construction				
Engineering & City approval			X	
Manufacture buildings			X	
Transport cost to site			X	
City fees			X	
Special fees/costs/requirements for unexpected delivery expenses/permits/traffic controls			X	
Inplant inspection fees			X	
Interior finish	X			
DIVISION 14 - CONVEYING EQUIPMENT - Not Applicable				
DIVISION 21 - FIRE SUPPRESSION				
Fire water service - stubbed AFF w/flange 12"				
Fire water service within new building				
Fire lines underground & hydrants				
Fire sprinklers including calculations, building backflows, signage, etc. per DSA approval.				
Fire sprinkler connection				
Fire Riser				
Fire sprinkler riser connection				
Connect bell & flow switch to fire alarm system and provide power				
DIVISION 22 - PLUMBING				
Site/under building foundation area drains	X			
All Cleanouts below finished Floor and at POC	X			
Pressure testing of all UG lines	X			
Storm drain lines & catch basins	X			
Site sewer line - within 2' of new building		X		
~~Gas service - within 2' of new building~~				
Site water service - within 2' of new building		X		
Crawlspace waste and water manifolds	X			
~~Site gas meters & fees - if applicable~~				
~~Gas service line and connection to mechanical units~~				

PAGE 3

ACTIVITY DESCRIPTION	PRIME CONTRACTOR	MODULAR CONTRACTOR	DISTRICT/ OTHERS	COMMENTS
Building shut off valves (water, gas, FW, etc.)	X			
Site shut off valves (water, gas, FW, etc.)	X			
~~Shut off valves & pressure reducing valves in building & HVAC units~~				
Building water service in building		X		
Plumbing fixtures	X			
Chlorination - all lines	X			
Downspout cleanouts	X			
Connect Down spouts to storm drain	X			
Connect condensate drain to waste	X			
Irrigation	X			
Planting	X			
Fencing, fencing footings & columns	X			
~~Site accessories & planters~~				
DIVISION 23 - HVAC				
~~HVAC piping & pumps within the building~~				
~~HVAC supply & return ducts & grills~~				
~~Run condensate drains to sinks per POC~~				
~~HVAC exhaust fans~~				
~~HVAC air cleaning devices~~				
Thermostats	X			
EMS System	X			
EMS wiring, testing, labeling, devices, etc. to ensure EMS is compatible with new HVAC units	X			
Power for EMS	X			
J-boxes within wall cavity	X	X		
EMS sensors/thermostats conductors	X			
DIVISION 26 - ELECTRICAL				
Site electrical service - to new building	X			
Interior (with occupancy sensors) & exterior building LED light fixtures	X			**Should be existing**
~~Site light fixtures & foundations~~				
Site UG trenching, backfill, & compaction	X			

PAGE 4

ACTIVITY DESCRIPTION	PRIME CONTRACTOR	MODULAR CONTRACTOR	DISTRICT/ OTHERS	COMMENTS
Main switch board connection	X			
Conductors to meters	X			
~~Transformers & installation of transformers~~				
Conduit pathway and conductors to MSB	X			
~~Distribution switch boards~~				
Energizing of new building & all site/building electrical components	X			
Building electrical sub panels	X		X	
Ground rods, testing, & reports	X			
Power for low voltage components	X			
Conductors from main switch board to modular subpanels	X			
Electrical conduit from MSB to crawl space subpanel stub out	X			
Power feeders to panels	X			
Power to HVAC condenser	X			
Circuit monitoring	X			
Panel ID/circuit ID labeling	X			
~~Site lighting~~				
All building exterior lighting to EMS location	X			
EMS control panel	X			
Exterior light programing	X			
Conduits connecting building wings	X	X		
~~2x4 Interior dimmable LED lights~~				
Exterior LED lights	X			
Interior occupancy sensors	X			
DIVISION 27 - LOW VOLTAGE				
All necessary conduit sleeves between classroom to classroom	X			
All new to existing low voltage tie-ins (to be coordinated through the school)	X			
Testing of all low voltage lines	X			
Training of district employees for all new devices & equipment	X			
Telephone system & devices at new building	X			

PAGE 5

ACTIVITY DESCRIPTION	PRIME CONTRACTOR	MODULAR CONTRACTOR	DISTRICT/ OTHERS	COMMENTS
Network infrastructure	X			
Fiber optic network system	X			
Audio-video systems	X			
PA & phone system - install, equipment, cabling, testing, labeling, etc.	X			
Structured cabling	X			
Data communications	X			
Security devices	X			
Data/EMS system - install, equipment, cabling, testing, labeling, etc.	X			
All fire alarm communications & panels	X			
Fire alarm system - install, equipment, cabling, testing, labeling, etc.	X			
~~Site fire alarm systems to complete flow & tamper switches - to include all backflows, DCDA, risers, PIV, fire hydrants, etc.~~				
Low voltage backboxes/ J-boxes	X			
Fire alarm backboxes/J-boxes	X			
Conduit pathway to IDF room	X			
Conduit pathway/tie in to all low voltage panels/devices (FA, EMS, IDF, lighting contrls,etc.)	X			
IDF cabinets, OFCI			X	
Signal termination cabinets, OFCI	X		X	
DIVISION 28 - ELECTRONIC SAFETY & SECURITY				
New building security system	X			
All new to existing security tie-ins (to be coordinated through the school)	X			
Testing of all security lines	X			
Training of district employees for all new devices & equipment	X			
DIVISION 31 - EARTHWORK				

PAGE 6

ACTIVITY DESCRIPTION	PRIME CONTRACTOR	MODULAR CONTRACTOR	DISTRICT/ OTHERS	COMMENTS
Site & building excavation, backfill, compaction, import, export, etc.	X			
Import/export fill to include engineered fill if applicable per soils report	X			
Rough grading (including building perimeter)	X			
Finish grading, including slopes to drain to drain within building pad area	X			
Surveying, staking (site & building footprint), etc.	X			
Finish grade, including slopes to drain (if applicable) within the building pad area, & re-grading after all removed form work.	X			
Excavate modular building foundation pads to +/- .1' for crawl space height, per manufacturer requirements	X			
Building/foundation footings	X			
DIVISION 32 - ASPHALT CONCRETE PAVING				
Asphalt concrete paving & slurry seal (power wash prior to seal)	X			
Driveways, parking stalls & accessories, wheel stops, speed bumps, etc.	X			
Walkways	X			
Striping	X			
~~Protection bollards~~				
Gates & fencing - including footings, soil export, etc.	X			
Landscape planting	X			
Landscape irrigation systems	X			
OTHER(S)				
~~Marquee sign - if applicable~~				
~~Condenser pad~~				
Fencing	X			
Restroom accessories (soap/paper towel dispenser, mirror, grab bars, etc.)	X			
~~Restroom partitions~~				
~~Classroom accessories (soap/towel dispenser)~~				

PAGE 7

ACTIVITY DESCRIPTION	PRIME CONTRACTOR	MODULAR CONTRACTOR	DISTRICT/ OTHERS	COMMENTS
Site SWPPP & monitoring	X			
Temporary construction keys & cores	X			
Permanent building master keys & cores	X			
Provide unobstructed truck/crane routes & access to building foundation pads, all weather access	X			
Establish building corners & surveying	X			
Projection screens - if applicable	X			
Building mounted exterior hose bibbs	X			
~~Building mounted exterior power outlets~~				
Classroom markerboards	X			
Carpet flooring	X			
Walk-off floor mats at classroom entry	X			
~~Exterior shade canopies~~				
Dust control	X			
Utility POC coordination	X			
Building Access panels	X			
~~Hand dryers~~				
Modular building delivery, craning, rigging, & erecting		X		
~~Instant hot water heaters~~				
~~Hot water heater~~				
~~Visual displays~~				
A/V systems	X			
Final cleaning	X	X		

PAGE 8

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ISSUE

Δ	DESCRIPTION	DATE

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
RESPONSIBILITY MATRIX

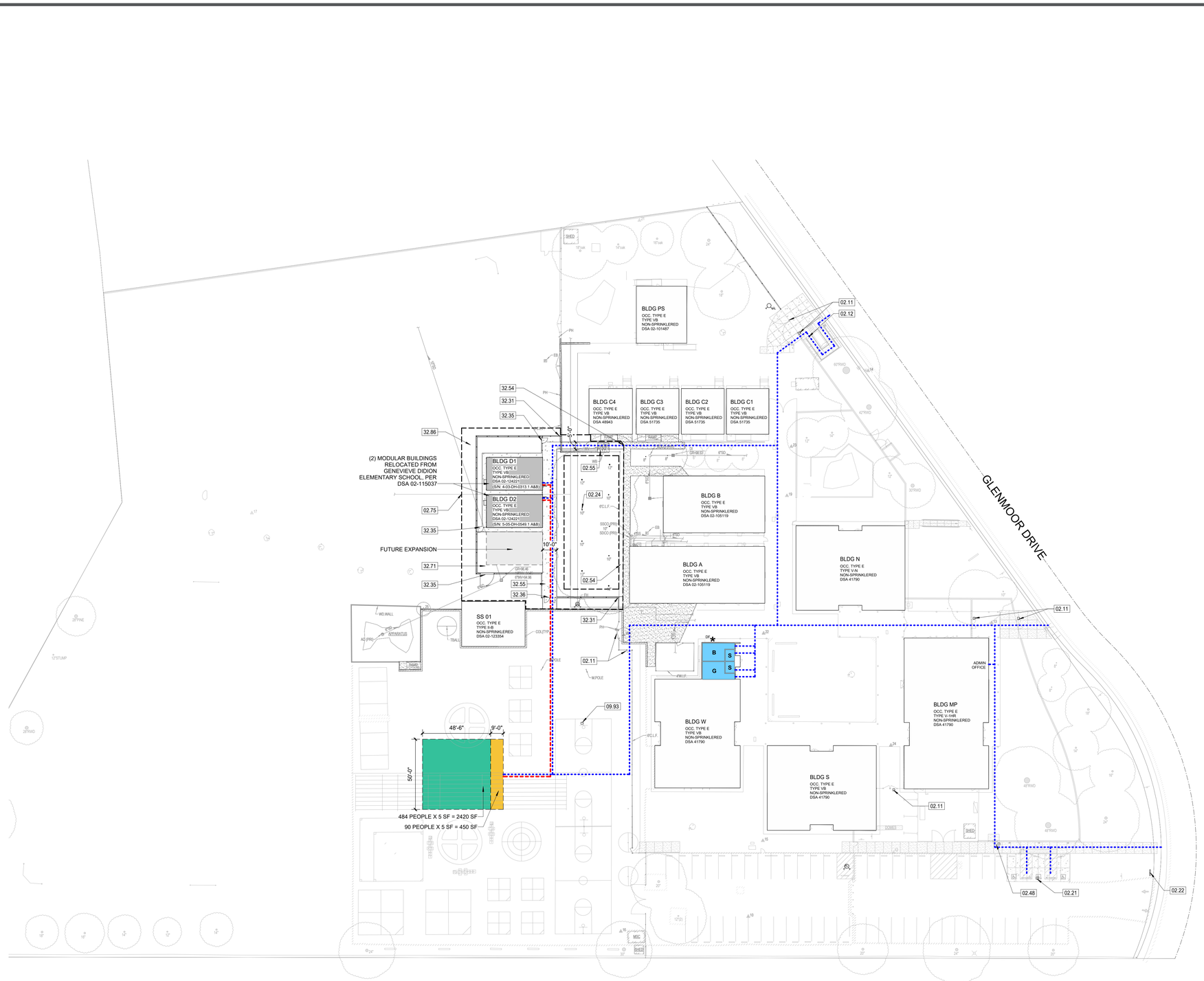
CONSTRUCTION DOCUMENTS

DATE: xxxx.xx.xx | CLIENT PROJ NO:

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LEGEND

- (E) EXIT DISCHARGE TO SAFE DISPERSAL AREA
- ACCESSIBLE PATH OF TRAVEL, PER DSA #02-123512
- NEW PORTABLE BUILDING
- EXISTING BUILDINGS
- LIMIT OF WORK
- (E) SAFE DISPERSAL AREA
- SAFE DISPERSAL AREA
- (E) RESTROOMS PER DSA #02-114152
  B - BOYS
  G - GIRLS
  S - STAFF
- FIRE HYDRANT - SEE CIVIL DRAWINGS
- ACCESSIBLE DRINKING FOUNTAIN PER DSA #02-114152
- FENCING

BUILDING DESIGNATIONS

BUILDING MARK	BUILDING NAME	DSA APPLICATION NUMBER
A	CLASSROOMS	02-105119
B	CLASSROOMS	02-105119
C1	CLASSROOMS	51735
C2	CLASSROOMS	51735
C3	CLASSROOMS	51735
C4	CLASSROOMS	48943
D1	CLASSROOMS	THIS APPLICATION
D2	CLASSROOMS	THIS APPLICATION
MP	ADMINISTRATION	41790
N	CLASSROOMS/RESOURCE	41790
PS	CLASSROOMS	02-101487
S	CLASSROOMS	41790
SS	SHADE STRUCTURE	02-123354
W	CLASSROOMS	41790

BUILDING CODE ANALYSIS

OCCUPANCY CLASSIFICATION (CBC 305):	E
CONSTRUCTION TYPE (TABLE 601):	VB
SPRINKLER SYSTEM (NFPA 13 903.2.1.4):	NO
ALLOWABLE STORIES (TABLE 504.4):	1
PROVIDED STORIES:	1
ALLOWABLE AREA (NS, TABLE 506.2):	9500 SF
PROVIDED AREA:	940 SF BUILDING 165 SF OF OVERHANGS (TYPICAL OF 2 BUILDINGS) 2210 SF TOTAL
ALLOWABLE HEIGHT (TABLE 504.3):	40'-0"
PROVIDED HEIGHT:	11'-4"
FIRE ALARM TIED TO (E) CAMPUS SYSTEM (NFPA 72/CBC 907):	YES

EXISTING PATH OF TRAVEL (POT): ARCHITECT STATEMENT

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE IN 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 POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLIANT
1) HAVE BEEN IDENTIFIED AND
2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.

ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

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

PATH OF TRAVEL, TECHNICAL REQUIREMENT FOR ACCESSIBLE ROUTE

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NO BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECTS SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE BATH OF TRAVEL.

ASSISTED LISTENING RECEIVER CALCULATIONS

TOTAL OCCUPANTS:	90
RECEIVER REQUIRED (4% OF OCCUPANTS PER CBC 11B-219.3, 2 MINIMUM):	4
HEARING AID COMPATIBLE RECEIVERS REQUIRED (25% OF RECEIVERS PER CBC 11-B219.3, 2 MINIMUM):	2

TN
PN

CODE INFORMATION SITE PLAN 1
1" = 30'-0"

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ISSUE

Δ	DESCRIPTION	DATE

KEYNOTES

02.11	(E) GATE PER DSA #02-123354
02.12	(E) RAMP PER DSA#02-123354
02.21	(E) ACCESSIBLE PARKING PER, DSA #02-123354
02.22	(E) PARKING LOT ENTRANCE SIGN
02.24	(E) GATE W/ KNOX BOX PER DSA #02-123354
02.48	(E) CEILING-MOUNTED PROJECTOR TO REMAIN; PROTECT IN PLACE
02.54	DEMOLISH AND COMPLETELY REMOVED (E) FENCE POSTS, POLES, FOOTINGS, ANCHORS, AND ASSOCIATED HARDWARE WITHIN THE LIMIT OF WORK. BACKFILL, COMPACT, PATCH, AND RESTORE DISTURBED SITE SURFACES TO A FLUSH, LEVEL , AND SAFE CONDITION TO MATCH ADJACENT EXISTING GRADES
02.55	ADJUST (E) UTILITY BOXES, VAULTS, COVERS, CLEANOUTS, PULL BOXES, AND SIMILAR SITE APPURTENANCES WITHIN THE LIMIT OF WORK AS REQUIRED TO BE FLUSH AND LEVEL WITH NEW PATH OF TRAVEL SURFACES. COORDINATE WITH CIVIL, ELECTRICAL, PLUMBING, AND FIRE ALARM DRAWINGS. PROVIDE STABLE SLIP-RESISTANT, AND TRIP-FREE CONDITIONS AT ALL ADJUSTED ITEMS
02.75	(E) IRRIGATION LINES, SPRINKLER HEADS, VALVES, AND ASSOCIATED COMPONENTS WITHIN THE LIMIT OF WORK LINE THAT CONFLICT WITH PROPOSED IMPROVEMENTS TO BE REMOVED AS REQUIRED
09.93	WITH 1" HIGH LETTERS, STENCIL PAINT, "SAFE DISPERSAL AREA" ON BACKSIDE OF BACKSTOP
32.31	EDGE OF (N) CHAIN LINK FENCING, (E) FENCE PANELS WITHIN SCOPE OF WORK TO BE SALVAGED & REUSED | CIVIL
32.35	CHAIN LINK MAINTENANCE GATE | CIVIL
32.36	DOUBLE SWING CHAIN LINK GATE | CIVIL
32.54	(E) CONCRETE WALK WAY TO BE EXTENDED
32.55	CONCRETE WALKWAY SERVING CLASSROOM ADDITIONS | CIVIL
32.71	PROVIDE COMPLETE AND OPERATIONAL IRRIGATION COVERAGE FOR ALL NEW LANDSCAPED AREAS WITHIN LIMIT OF WORK LINE, ENSURING ADEQUATE HEAD SPACING, ALIGNMENT, AND WATER DISTRIBUTION CONSISTENT WITH MANUFACTURER RECOMMENDATIONS AND LOCAL CODES. TIE INTO (E) SYSTEM
32.86	ALL (E) GRASS AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WITHIN THE LIMIT OF WORK SHALL BE RESTORED WITH NEW SOD

NOTES

1. REFER TO SHEET G0.11 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
2. STUB UTILITIES AS REQUIRED FOR FUTURE CONNECTION. COORDINATE LOCATION, SIZE, DEPTH, TERMINATION, CAP, AND IDENTIFICATION OF ALL UTILITY STUB-OUTS WITH CIVIL, PLUMBING, ELECTRICAL, AND FIRE ALARM DRAWINGS PRIOR TO INSTALLATION. PROTECT STUB-OUTS IN PLACE AND PROVIDE WEATHER-TIGHT CAPS OR COVERS UNTIL FINAL CONNECTION
3. CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/PLANTING OUTSIDE OF LIMIT OF WORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES
4. ALL IRRIGATION COVERAGE & MODIFICATIONS TO BE COORDINATED WITH EXISTING SYSTEM ZONES AND CONTROLLERS. ADJUST HEAD TYPES, FLOW RATES, AND SPRAY PATTERNS AS NECESSARY TO AVOID OVERSPRAY ONTO ADJACENT HARDSCAPE AND STRUCTURES. SYSTEM SHALL BE TESTED, BALANCED, AND FULLY OPERATIONAL AT PROJECT COMPLETION.
5. ALL SOD TO MATCH (E) ADJACENT TURF IN SPECIES AND APPEARANCE. PREPARE SUBGRADE, AMEND SOIL AS NECESSARY, AND INSTALL SOD IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES TO ENSURE FULL ESTABLISHMENT. MAINTAIN AND WATER UNTIL HEALTHY GROWTH IS ACHIEVED.
6. WORK SHALL MEET MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO) REQUIREMENTS.
7. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, AND THE WRITTEN SITE SAFETY PLAN
8. (E) ASSISTED LISTENING DEVICES AVAILABLE AT ADMIN OFFICE

FACILITY:

ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

CODE INFORMATION SITE PLAN

CONSTRUCTION DOCUMENTS

DATE: **xxxx.xx.xx** | CLIENT PROJ NO:

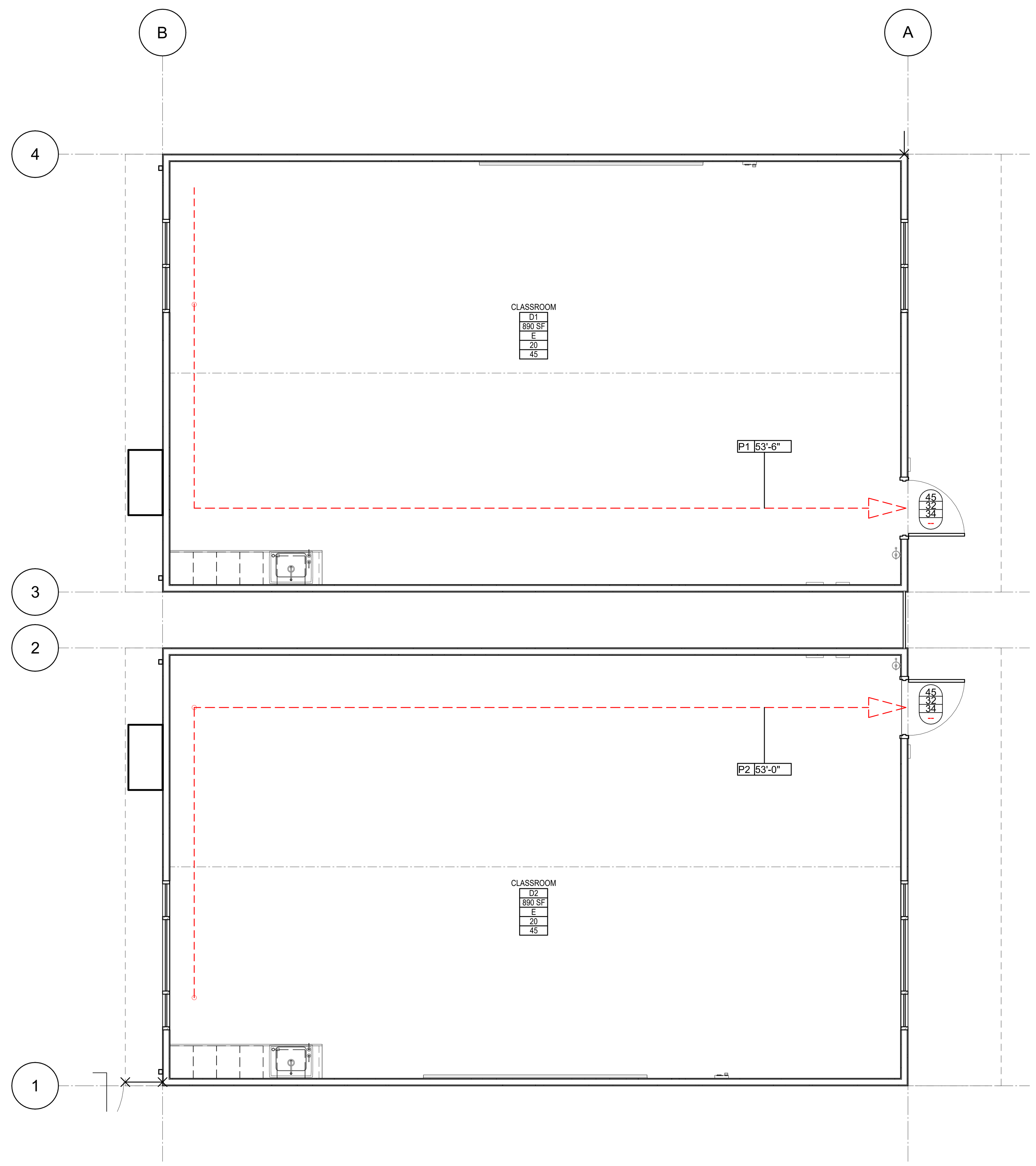
SHEET:

G1.11

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TN
PN

EXITING ANALYSIS 1
1/4" = 1'-0"

LEGEND

- DISTANCE- BETWEEN FIRE EXTINGUISHERS
- DISTANCE- EGRESS PATH
- Ex 19'-7"
- PATH DISTANCE
- PATH NUMBER
- PATH

15 / 32 / 34 / 20 / PH
- OCCUPANTS REQUIRED (EGRESS)
- DOOR WIDTH MINIMUM (EGRESS)
- DOOR WIDTH PROVIDED (EGRESS)
- FIRE RATING OF DOOR (IN MINUTES)
- PANIC HARDWARE (WHEN PROVIDED)

- FIRE EXTINGUISHERS

CLASSROOM / 1001 / 150 / OT / OLF / OL
- ROOM NAME
- ROOM NUMBER
- AREA (NET SF)
- OCCUPANCY TYPE
- OCCUPANT LOAD FACTOR
- OCCUPANT LOAD

EGRESS INFORMATION

1. EXIT ACCESS TRAVEL DISTANCE (CBC 1017.2)
   E OCCUPANCY = 200 FT (WITHOUT SPRINKLER SYSTEM)
2. EGRESS WIDTH (CBC 1005)
   DOOR EXITS: NUMBER OF OCCUPANTS x 0.2, 32" MIN.
3. SPACES WITH ONE EXIT OR ONE EXIT DOORWAY (CBC 1006.2.1)
   MAXIMUM OCC. LOAD = 49
   MAXIMUM COMMON PATH OF TRAVEL DISTANCE = 75 FT
4. MAXIMUM TRAVEL DISTANCE TO FIRE EXTINGUISHER (CBC 906.3(1)) = 75 FT

EGRESS PATHS- LEVEL 1

PATH	DISTANCE
P1	53'-6"
P2	53'-0"

AGENCY APPROVAL:

REVIEWING AGENCIES STAMP HERE

Sacramento City Unified School District

HMC DESIGN FOR GOOD Architects
3186-077-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916 368 7990 / www.hmcarchitects.com © 2025 HMC GROUP

LICENSED ARCHITECT MICHAEL CHESTER RATH C-25193 REN. 07/31/27 STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
EXITING ANALYSIS

CONSTRUCTION DOCUMENTS

DATE: xxxx.xx.xx | CLIENT PROJ NO:

SHEET:
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LOCAL FIRE AUTHORITY ACCESS PLAN 1

1" = 30'-0"

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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: Sacramento City Unified School District
Project Name/School: Abraham Lincoln Elementary
Project Address: 3324 Glenmoor Drive, Sacramento, CA 95827

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

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

School District Acceptance of Acceptable Design Alternates

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

Accepted by: ______ Title: ______

Signature: ______ Date: ______

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name: Sacramento Metropolitan Fire District	
LFA Review Official: Cristian Ganea	
Title: Supervising Inspector	Work Phone: (916) 859-4594
Work Email: ganea.cristian@metrofire.ca.gov	

LFA Reviewer's Signature: [signature] C=US, E=ganea.cristian@metrofire.ca.gov, O=Sacramento Metropolitan Fire District, OU=CRRD, CN=CGSignature 2026.04.28 15:09:34-07'00' Date: 04/28/2026

CALIFORNIA AMERICAN WATER

April 21, 2026

Anthony Tassano
Warren Consulting Engineers
1117 Windfield Way, Suite 110
El Dorado Hills, CA 95762

SUBJECT: HYDRANT FLOW TEST – SUBURBAN-ROSEMONT
Abraham Lincoln Elementary School (3324 Glenmoor Dr, Sacramento, CA, 95827)

Dear Anthony Tassano:

On April 16, 2026, at approximately 12:30P.M., a flow test was conducted by California American Water staff using fire hydrants located along Glenmoor Drive (see Attachment "A"- Location Map). These fire hydrants are located in the Suburban-Rosemont System of California American Water's Sacramento District. The following measurements were collected during the flow test:

Residual Hydrant (HSC-1766)
Static Pressure = 68 psi
Residual Pressure = 64 psi

Flowing Hydrant (HSC-1765)
Outlet Diameter = 2.5 inches
Pitot Pressure = 50 psi

The calculated results of this flow test indicate that, based on the data collected at the time and date tested and under the exhibited system operational conditions, the distribution system in this area would be capable of delivering a flow of approximately **3,500 gpm, for a 2-hour duration, with a 20 psi residual system pressure** (see fire hydrant flow test information, Attachment "B").

Hydrant flow tests are known to fluctuate with operational conditions, routine maintenance, and system demands, which are influenced by time of day, season, temperature, and day of the week. Static water pressures fluctuate in accordance with system demands; water systems are designed with the intent of meeting CPUC GO 103 & Title 22 requirements, with minimum operating pressures of 40 psi for normal operation, 30 psi for peak hour and 20 psi for fire flow conditions.

I hope this information satisfies your needs. Please contact me at (916) 397-2492, or at meghan.pistolesi@amwater.com if you have questions or require additional information.

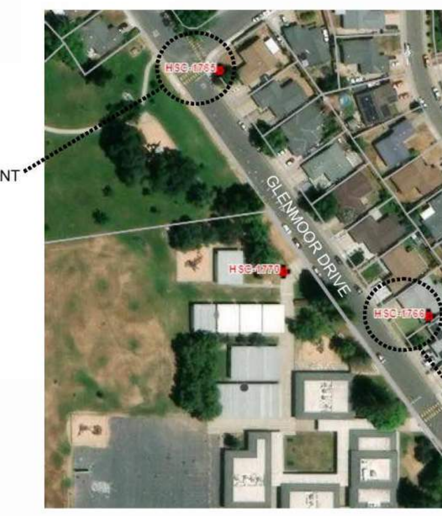
Sincerely,

[signature]

Meghan Pistolesi
Engineering Project Specialist

Attachment A

FIRE HYDRANT FLOW TEST LOCATION MAP
CALIFORNIA AMERICAN WATER – SUBURBAN-ROSEMONT



Attachment "B"

CALIFORNIA AMERICAN WATER

FIRE HYDRANT FLOW TEST INFORMATION

Requested By: Anthony Tassano - Warren Consulting Engineers
Project Name: Abraham Lincoln Elementary School
Project Address: 3324 Glenmoor Dr, Sacramento, CA, 95827
CAW System: Suburban-Rosemont
Test Date & Time: April 16, 2026; 12:30P.M
Performed By: Jose V., Vaughn G.

Residual Hydrant No.: HSC-1766 **Location:** Along Glenmoor Drive
Flowing Hydrant No.: HSC-1765 (see Location Map in Attachment "A")

Field Observations:

Static Pressure	68	psi	Pressure measured at the residual hydrant with no hydrants flowing
Residual Pressure	64	psi	Pressure measured at the residual hydrant when flow hydrant is flowing
Pitot Pressure, P	50	psi	Pitot gage reading taken from the outlet of flowing hydrant
Outlet Diameter, d	2.5	in	Opening size of hydrant outlet being flowed

Calculations:

a. Determination of Discharge

$$Q_F = 29.83\, c\, d^2 \sqrt{P}$$

Where:
c = coefficient of discharge, 0.9
d = diameter of outlet, in
P = pitot gauge pressure, psi
Q_F = 1,186 gpm — Actual hydrant flow during test

b. Determining Available Flow

$$Q_R = Q_F \times \frac{h_r^{0.54}}{h_f^{0.54}}$$

Where:
h_r = pressure difference between static pressure and the desired residual pressure of 20 psi
h_f = pressure difference between static pressure and the residual pressure, psi
Q_R = 3,500 gpm — Available flow @ 20 psi residual pressure

The calculated results shown above indicate that the distribution system in this area where the hydrant was tested exhibited that it would be capable of delivering a flow of approximately 3,500 gpm at 20 psi residual pressure.

Notes: The above flow test and calculations were in accordacne with the recommended practices for fire flow testing per AWWA M17 Manual and NFPS 291 Standards. The company provides no warranty that it will supply at any specific flows, quantities or pressures for fire protection or other purposes, except as required by law. For questions, please contact Meghan Pistolesi at (916) 397-2492 or at meghan.pistolesi@amwater.com

AGENCY APPROVAL:

SACRAMENTO METRO FIRE
FIRE PREVENTION
APPROVAL
The Bureau does not assume any responsibility for designs. Permittee is responsible for errors in the plans found during Field Inspection. All work shall comply with the latest edition of the CFC, CBC, CPC, CMC, NFPA, and NEC as adopted and amended by the State of California in Title 24 CCR and Sacramento County Ordinance. These plans are NOT reviewed for ADA compliance.
C.G. 243530 04/28/2026

260424006-P01

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Sacramento City Unified School District

HMC Architects DESIGN FOR GOOD
3186-077-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916 368 7990 / www.hmcarchitects.com © 2025 HMC GROUP

LICENSED ARCHITECT — MICHAEL CHESTER RATH — C-25193 — REN. 07/31/27 — STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

LEGEND

- NEW BUILDING
- EXISTING BUILDINGS
- EXISTING EMERGENCY/FIRE ACCESS LANE, PER DSA #02-123354
- EMERGENCY PERSONNEL APPROVED ROUTE (DISTANCE <150' PER CFC 503.1.1)
- FIRE HYDRANT JURISDICTION (400'-0" MAX CFC 507.5.1 MEASURED BY AN APPROVED ROUTE)
- EXISTING FIRE HYDRANT - SEE CIVIL DRAWINGS

KEYNOTES

02.23 (E) 20'0" WIDE FIRE ACCESS GATES W/ KNOX BOX

NOTES

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN TK CLASSROOM ADD

SHEET NAME:
LOCAL FIRE AUTHORITY SITE ACCESS PLAN

CONSTRUCTION DOCUMENTS

DATE: **2027.04.22** CLIENT PROJ NO:

SHEET:
G1.51

PLEASE RECYCLE

THE LINE BROWN ABOVE IS EXACTLY 1" WHEN PRINTED ON PLANS SHEETS ORIGINAL PAGE SIZE

CIVIL ABBREVIATIONS AND LEGEND

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GAS
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R	RADIUS
RIM	MANHOLE RIM ELEVATION (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDCB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TR	TOP OF RAMP ELEVATION
TRW	TOP OF RETAINING WALL
TSW	TOP OF SEAT WALL
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W/	WITH
W/O	WITHOUT
WV	WATER VALVE

LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:

- 8" SD — STORM DRAIN LINE (SIZE AND FLOW SHOWN)
- STORM DRAIN MANHOLE (SDMH)
- CATCH BASIN (CB)
- DROP INLET (DI)
- AREA DRAIN (AD)
- PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
- CO — STORM DRAIN CLEANOUT
- 99.99 — ELEVATION
- FF=100.00 — FINISHED FLOOR ELEVATION
- PAD=99.33 — BUILDING PAD ELEVATION
- CONCRETE SIDEWALK
- GRADED DIRECTION FOR DRAINAGE FLOW
- SWALE
- SLOPE
- TREE TO BE REMOVED
- RETAINING WALL

PROPOSED SANITARY SEWER SYMBOLS:

- 6" SS — SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
- SANITARY SEWER MANHOLE (SSMH)
- CO — SEWER CLEANOUT FLUSHER BRANCH

PROPOSED WATER SYMBOLS:

- 8" W — WATER LINE & SIZE
- 8" FS — FIRE LINE & SIZE
- 8" DW — DOMESTIC WATER LINE & SIZE
- 8" RW — RECLAIMED WATER LINE & SIZE
- 8" IRR — IRRIGATION SERVICE LINE & SIZE
- 8" NP — NON POTABLE WATER LINE & SIZE
- 8" SP — FIRE SPRINKLER SERVICE LINE & SIZE
- GATE VALVE
- M — WATER METER
- FH — FIRE HYDRANT ASSEMBLY
- FDC — FIRE DEPARTMENT CONNECTION
- DC — DETECTOR CHECK VALVE
- DDC — DOUBLE DETECTOR CHECK VALVE
- RP — REDUCED PRESSURE BACKFLOW PREVENTER
- BUTTERFLY VALVE
- 1" — AIR RELEASE VALVE + SIZE
- 1" — BLOW-OFF VALVE + SIZE
- PIV — POST INDICATOR VALVE

DEMOLITION GENERAL NOTES

1. REFER TO ARCHITECTURAL, LANDSCAPE, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL DEMOLITION ITEMS.
2. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
3. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
4. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
5. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
6. THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTENT.
7. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
8. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
9. EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.
10. SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
11. PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.
12. WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
13. COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

GENERAL NOTES

1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.

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

2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
4. CONTRACTOR AGREES THAT HE/SHE 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: THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS: AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY PRE-CONSTRUCTION SITE REVIEWS TO DETERMINE NECESSARY MEANS AND METHODS TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS.
7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK.. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
13. CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
14. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
15. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
16. NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
17. WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
18. ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
19. ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
20. 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB SLAB CONSTRUCTION.
21. SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE, REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
22. ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDROSEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
23. REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.
24. AT LIMITS OF NEW PAVEMENT OR CURBS ADJACENT TO LANDSCAPING PROVIDE A 4:1 MINIMUM TRANSITION TO EXISTING GRADE WITH TOPSOIL. ADJUST EXISTING IRRIGATION HEADS TO FINISH GRADE AND PROVIDE SOD IN GRASS AREAS TO RESTORE TO EXISTING CONDITION.
37. TRANSITION BETWEEN PAVED SURFACES AND LANDSCAPE AREAS SHALL BE NO GREATER THAN 1", UNLESS NOTED OTHERWISE.
38. WITHIN LIMITS OF WORK THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ARCHITECT FOR DIRECTION.
39. GENERAL CONTRACTOR IS REQUIRED TO HIRE A LANDSCAPE SUBCONTRACTOR TO PERFORM ALL LANDSCAPE AND IRRIGATION REPAIRS.
40. WIDTH OF NEW SIDEWALKS SHALL MATCH WIDTH OF EXISTING, ADJACENT, SIDEWALKS.
41. SEE ARCHITECTURAL PLANS FOR EXPANSION AND CONTROL JOINT LAYOUT.
42. ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.
43. ALL NEW ASPHALT PAVING TO BE PROVIDED WITH 2 COATS OF SEALCOAT.
43. PRIOR TO NEW SEALCOAT ON EXISTING ASPHALT SURFACES, FILL ALL CRACKS 1/4" INCHES OR WIDER WITH AN APPROVED CRACK FILLER.
44. FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE ARCHITECTURAL SHEETS.
45. PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES DEFINED BY SPOT ELEVATIONS. 0.0% MAX.
46. WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA AND ACCESSIBLE DROP OFF ZONE THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.9% IN ANY DIRECTION.
47. SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS;

    CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 1.9%
    DIRECTION OF TRAVEL - 4.9%
    RAMP IN DIRECTION OF TRAVEL - 8.0%
    PLAZA 1.9% - IN ANY DIRECTION
48. THE MINIMUM SLOPE AWAY FROM THE BUILDING ON PAVED SURFACES SHALL BE 1% MINIMUM AND 2% MAXIMUM.
49. TRANSITIONS BETWEEN CONCRETE AND OR ASPHALT SURFACES SHALL BE FLUSH, UNLESS NOTED OTHERWISE BY CURB OR STEP.

CIVIL SHEET INDEX

C0.1 CIVIL GENERAL NOTES AND ABBREVIATIONS
C0.2 TOPOGRAPHIC SURVEY
C1.1 DEMOLITION PLAN
C2.1 GRADING AND PAVING PLAN
C3.1 UTILITY PLAN
C4.1 FENCING PLAN
C5.1 DETAILS AND SECTIONS
C5.2 DETAILS AND SECTIONS

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Δ DESCRIPTION DATE

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PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
CIVIL GENERAL NOTES AND ABBREVIATIONS

CONSTRUCTION DOCUMENTS

DATE: 2026.05.04 | CLIENT PROJ NO: -

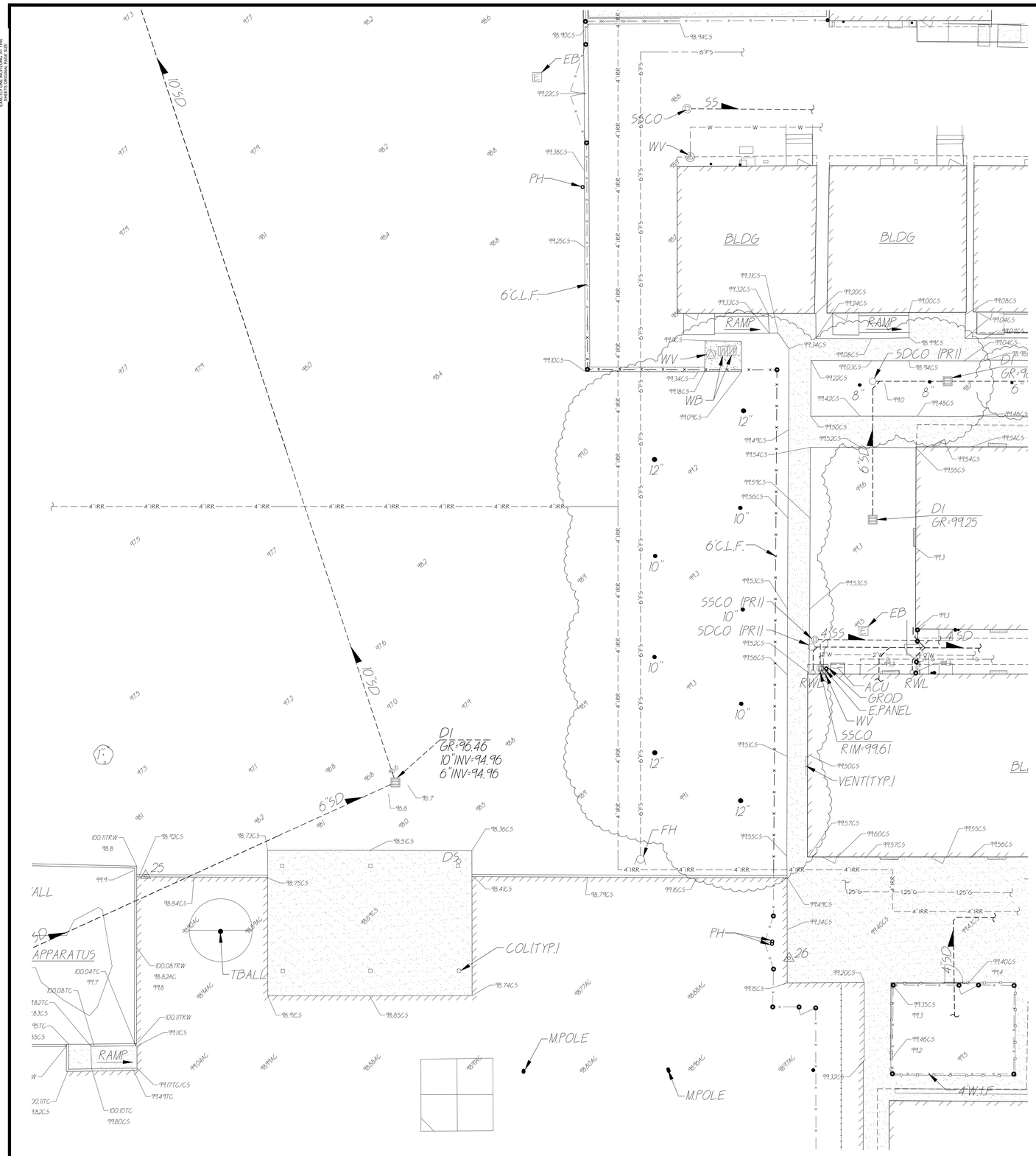
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TBM LIST

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
10	CPS MAG NAIL	5000.00	5000.00	100.00
13	CPS CHISELED "+"	5209.01	5173.23	99.47
14	CPS CHISELED "+"	5388.60	5085.30	95.58
15	CPS CHISELED "+"	5053.94	5010.38	99.28
16	CPS MAG NAIL	4989.43	4909.29	101.02
19	CPS CHISELED "+"	5299.55	5027.51	99.38
22	CPS CHISELED "+"	5201.69	5010.92	99.33
23	CPS CHISELED "+"	5334.55	5030.63	99.15
24	CPS CHISELED "+"	5121.95	5101.52	99.51
25	CPS CHISELED "+"	5218.85	4768.91	98.91
26	CPS CHISELED "+"	5200.58	4911.40	99.25

EXISTING TOPOGRAPHY

- = PROPERTY LINE
- = CENTERLINE
- = EASEMENT
- = PROPERTY CORNER FOUND AS NOTED
- = PROPERTY CORNER NOTHING FOUND OR SET
- 123 = TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- = SWALE OR DRAINAGE FLOW
- = DRAINAGE FLOW
- = FENCE (TYPE NOTED)
- = TREE (SIZE/TYPE INDICATED)
- = SLOPE
- 100 = CONTOUR
- = CONCRETE SURFACE
- = EDGE OF ASPHALT
- = EDGE OF BUILDING
- = SIGN
- = POST OR BOLLARD
- 99.9 = GROUND ELEVATION
- 99.99 = HARD SURFACE ELEVATION

EXISTING UTILITIES

- 12"SD = STORM DRAIN LINE (SIZE & DIRECTION OF FLOW)
- 12"SD = STORM DRAIN LINE (RECORD INFORMATION)
- 12"SD = STORM DRAIN LINE (UNDERGROUND LOCATING)
- SD = STORM DRAIN MANHOLE
- = STORM DRAIN CLEANOUT
- = DROP INLET
- = AREA DRAIN
- RWL = RAIN WATER LEADER
- DS = DOWNSPOUT
- 12"SS = SANITARY SEWER LINE (SIZE & DIRECTION OF FLOW)
- 12"SS = SANITARY SEWER LINE (RECORD INFORMATION)
- 12"SS = SANITARY SEWER LINE (UNDERGROUND LOCATING)
- SS = SANITARY SEWER MANHOLE
- = SANITARY SEWER CLEANOUT
- W = WATER LINE (SIZE INDICATED)
- W = WATER LINE (RECORD INFORMATION)
- W = WATER LINE (UNDERGROUND LOCATING)
- W = WATER MANHOLE
- = WATER VALVE
- = WATER METER
- = WATER BOX
- = IRRIGATION CONTROL VALVE
- = FIRE HYDRANT
- = BACKFLOW PREVENTER
- = SPRINKLER
- = HOSE BIBB
- OH-E = OVERHEAD ELECTRIC LINE
- E = UNDERGROUND ELECTRIC LINE
- E = UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- E = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- E = ELECTRIC MANHOLE
- = UTILITY POLE (WITH GUY WIRE)
- = ELECTRIC METER
- = ELECTRIC BOX
- = STREET LIGHTING BOX
- OR = LIGHT STANDARD
- = SIGNAL LIGHT
- = FLOOD LIGHT
- = ELECTRICAL OUTLET
- G = GAS LINE (SIZE INDICATED)
- G = GAS LINE (RECORD INFORMATION)
- G = GAS LINE (UNDERGROUND LOCATING)
- G = GAS MANHOLE
- = GAS VALVE
- = GAS METER
- T = TELEPHONE LINE
- T = TELEPHONE LINE (RECORD INFORMATION)
- T = TELEPHONE LINE (UNDERGROUND LOCATING)
- = STORM DRAIN BOX
- = TRAFFIC SIGNAL BOX

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AC	ASPHALTIC CONCRETE
ACC	ACCESSIBLE
ACU	AIR CONDITIONING UNIT
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
BBALL	BASKETBALL POLE
BCM	BRASS CAP MONUMENT
BFP	BACK FLOW PREVENTER
BL.	BLOCK
BLDG	BUILDING
BOL	BOLLARD
BOV	BLOW-OFF VALVE
BR.	BRICK
BWF	BARBED WIRE FENCE
C	COMMUNICATION
CATV	CABLE TELEVISION
CIP	CAPPED IRON PIPE
C/L	CENTERLINE
C.L.F.	CHAIN LINK FENCE
CO	CLEANOUT
COL.	COLUMN
CONC.	CONCRETE
COND.	CONDENSATE
CPF	CONTROL POINT FOUND
CPS	CONTROL POINT SET
CS	CONCRETE SURFACE
DF	DRINKING FOUNTAIN
DG	DECOMPOSED GRANITE
DI	DROP INLET
DRWY	DRIVEWAY
DS	DOWNSPOUT
DWG	DRAWING
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
FA	FIRE ALARM
FDC	FIRE DEPARTMENT CONNECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE
FO	FIBER OPTIC
FS	FIRE SERVICE
G	GAS
GB	GRADE BREAK
GD	GARAGE DOOR
GR	GRATE
GRB	GROUND ROD BOX
GROD	GROUND ROD
GST	GATE STOP
GV	GAS VALVE
HB	HOSE BIBB
HBB	HOSE BIBB BOX
HBD	HEADER BOARD
HP	HIGH PRESSURE
HR	HANDRAIL
HVE	HIGH VOLTAGE ELECTRIC
IC	IN CONCRETE
ICP	IRRIGATION CONTROL PANEL
ICV	IRRIGATION CONTROL VALVE
INV	PIPE INVERT ELEVATION
IRR	IRRIGATION
JP	JOINT UTILITY POLE
JT	JOINT TRENCH
LNDG	LANDING
LVE	LOW VOLTAGE ELECTRIC
M.	METAL
MH	MANHOLE
MS	MOW STRIP
MSC	METAL STORAGE CONTAINER
NTS	NOT TO SCALE
OH	OVERHEAD
OHANG	OVERHANG
OIP	OPEN IRON PIPE
P/L	PROPERTY LINE
PA	PLANTER AREA
PB	PARKING BUMPER
PH	POSTHOLE
PIV	POST INDICATOR VALVE
PP	POWER POLE
PRI	PER RECORD INFORMATION
PUE	PUBLIC UTILITY EASEMENT
PV	PAVERS
PVC	POLYVINYL CHLORIDE
R	RUBBER
RG	ROLLING GATE
RIM	MANHOLE RIM ELEVATION
ROW	RIGHT OF WAY
RW	RETAINING WALL
RWD	REDWOOD
RWL	RAIN WATER LEADER
SB	SIGNAL BOX
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SIG	SIGNAL
SL	STREET LIGHT
SLB	STREET LIGHT BOX
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STL.	STEEL
T	TELEPHONE
TBALL	TETHER BALL POLE
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TD	TRENCH DRAIN
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
UG	UNDERGROUND
UNK	UNKNOWN
V	VENT
VBALL	VOLLEYBALL
W	WATER
W/	WITH
WD.	WOOD
WF	WOOD FENCE
W.I.F.	WROUGHT IRON FENCE
W.R.F.	WOOD RAIL FENCE
XF.	TRANSFORMER
XWALK	CROSSWALK
YD	YARD DRAIN

BASIS OF BEARINGS:
46 MAPS 5

B+B NOTES:
UTILITY LOCATIONS MAY NOT BE TO SCALE
NOT ALL UTILITIES MAY BE SHOWN.
SOME LATERALS WERE NOT ACCESSIBLE & WERE THEREFORE NOT LOCATED.
DEPTHS SHOWN ARE TO CENTER OF CONDUCTIVE UTILITY & ARE GENERALLY +/-10% OF ACTUAL DEPTH, WHEN NOT DISTORTED BY ADJACENT CONDUCTORS. CRITICAL DEPTHS REQUIRE VERIFICATION BY POTHOLING.

NOTE:
EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES AND UG LOCATING BY B+B.

BASIS OF BEARINGS:
ASSUMED

F.E.M.A. INFORMATION:
THE SUBJECT PROPERTY IS LOCATED IN "ZONE X--AREA OF MINIMAL FLOOD HAZARD" PER FLOOD INSURANCE RATE MAP 06067C0205H DATED AUGUST 16, 2012.

NOTE:
EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES AND RECORD INFORMATION.

GRAPHIC SCALE
10' 0 5' 10' 20'
(IN FEET) 1 inch = 10 feet
NORTH
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PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

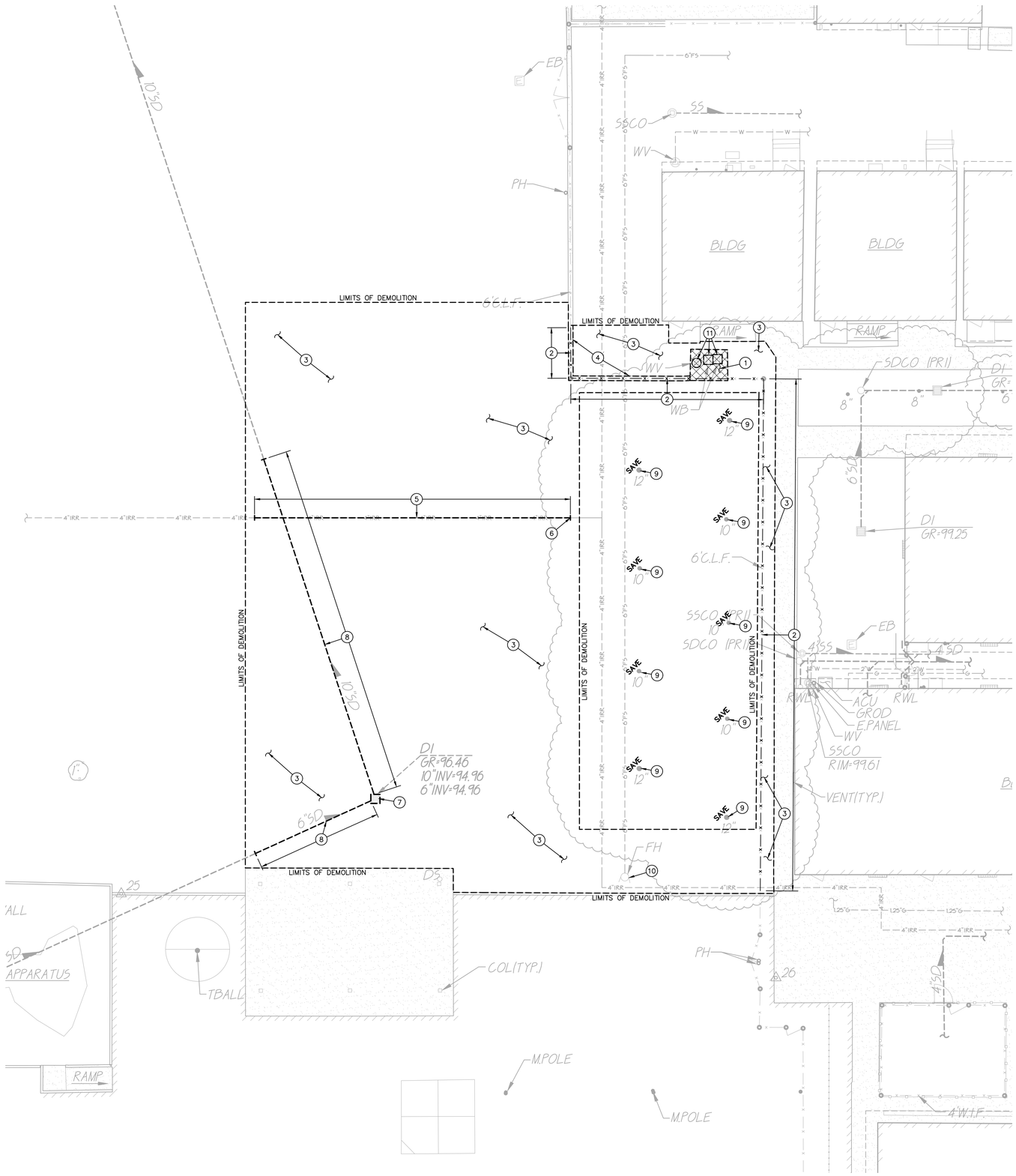
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TOPOGRAPHIC SURVEY

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DEMOLITION NOTES

1. SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
2. REMOVE AND SALVAGE EXISTING FENCE MESH AND RAILS FOR REINSTALLATION. REMOVE AND DISPOSE OF EXISTING FENCE POSTS AND ASSOCIATED FOOTINGS.
3. SEE ARCHITECTURAL PLANS FOR REQUIRED TURF/VEGETATION AND IRRIGATION DEMOLITION.
4. REMOVE AND DISPOSE OF EXISTING CONCRETE BAND TO EXTENT SHOWN.
5. REMOVE AND DISPOSE OF EXISTING IRRIGATION MAIN TO EXTENT SHOWN.
6. CAP END OF PIPE.
7. REMOVE AND DISPOSE OF EXISTING DROP INLET.
8. REMOVE AND DISPOSE OF EXISTING STORM DRAIN PIPE TO EXTENT SHOWN.
9. EXISTING TREE TO REMAIN.
10. EXISTING FIRE HYDRANT TO REMAIN.
11. EXISTING UTILITY BOX TO REMAIN.

GRAPHIC SCALE
10' 0 5' 10' 20'
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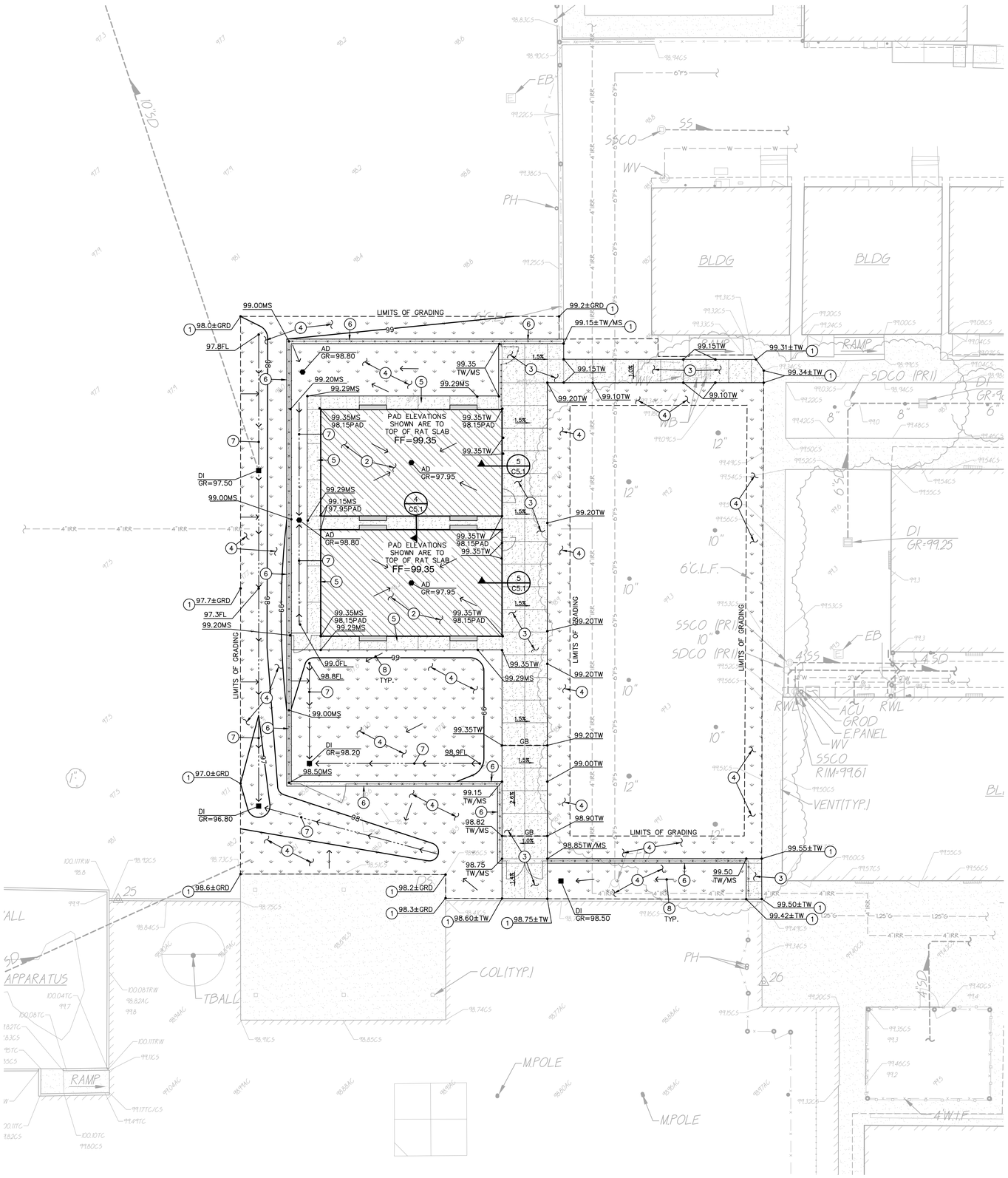
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DEMOLITION PLAN

CONSTRUCTION DOCUMENTS

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SUBGRADE PREPARATION

FOLLOWING SITE DEMOLITION ACTIVITIES,

EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

GRADING AND PAVING NOTES

1. MATCH EXISTING GRADE/ELEVATION.
2. PLACE A 2" THICK 3-SACK CONCRETE SLURRY RAT SLAB OVER 12" CLASS II AB ON SUBGRADE COMPACTED PER PROJECT SPECIFICATIONS.
3. CONSTRUCT CONCRETE SIDEWALK PER PLACE 5"PCC WITH #4 REBAR AT 24"O.C.E.W. OVER 12" CL2 AGGREGATE BASE ON COMPACTED SUBGRADE. (1/C5.1)
4. SEE ARCHITECTURAL PLANS FOR REQUIRED IMPROVEMENTS TO LANDSCAPE/IRRIGATION.
5. CONSTRUCT 36" WIDE CONCRETE BAND AT BUILDING PER (2/C5.1)
6. CONSTRUCT 12" WIDE CONCRETE BAND PER (3/C5.1)
7. CONSTRUCT SWALE.
8. GRADE UNIFORMLY TO SWALE AND/OR INLET.

GRAPHIC SCALE

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SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

GRADING AND PAVING PLAN

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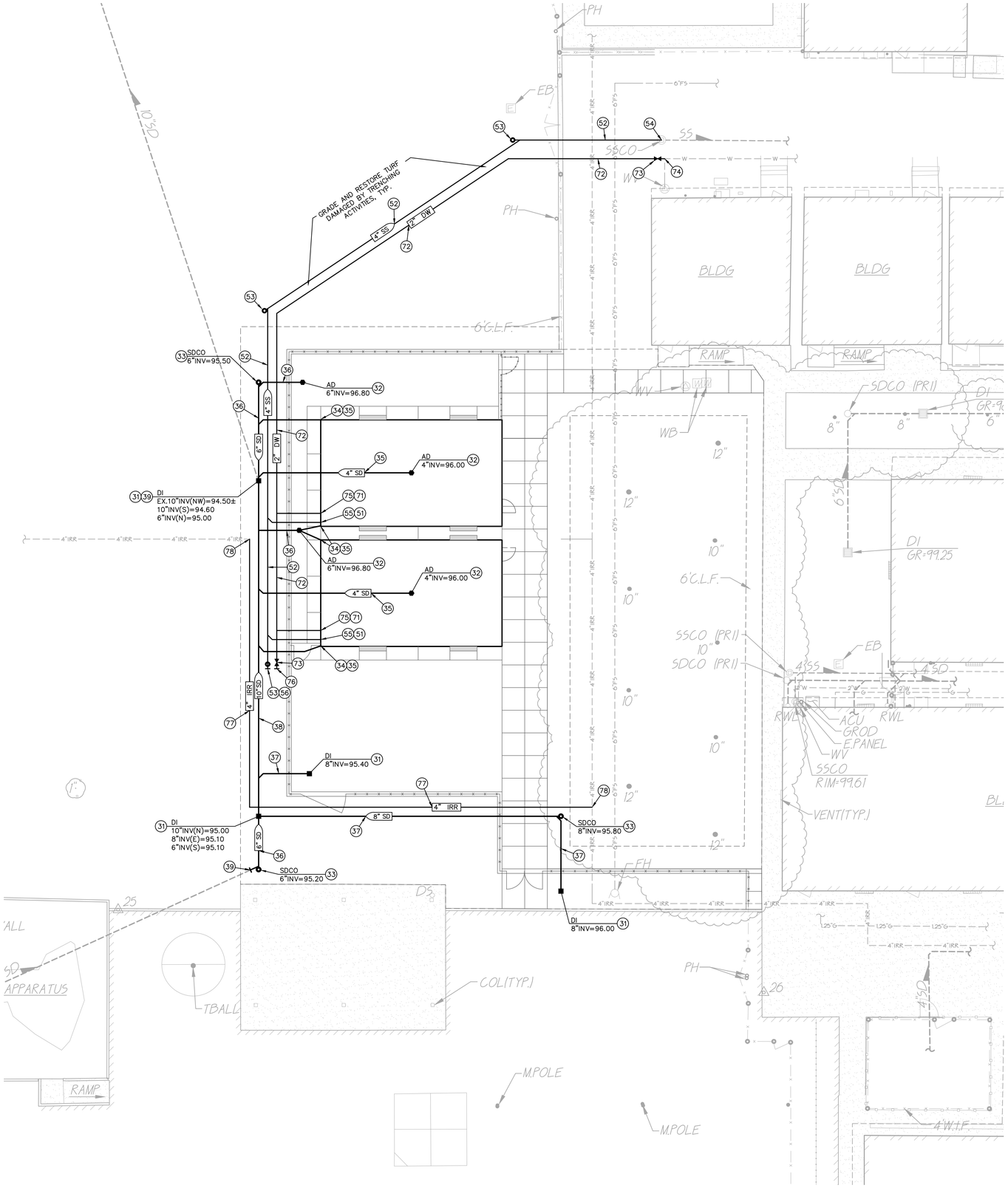
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PLEASE RECYCLE



DRAINAGE NOTES

31. CONSTRUCT DROP INLET PER (6 C5.1)
32. CONSTRUCT AREA DRAIN PER (7 C5.1)
33. CONSTRUCT STORM DRAIN CLEANOUT PER (8 C5.1)
34. PROVIDE DOWNSPOUT CONNECTION PER (12 C5.1)
35. PLACE 4" STORM DRAIN PER
36. PLACE 6" STORM DRAIN PER
37. PLACE 8" STORM DRAIN PER (9 C5.1)
38. PLACE 10" STORM DRAIN PER
39. CONNECT TO EXISTING STORM DRAIN. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

SEWER NOTES

51. PLACE 2" SEWER PER (9 C5.1)
52. PLACE 4" SEWER PER
53. CONSTRUCT SEWER CLEANOUT PER (8 C5.1)
54. CONNECT TO EXISTING SEWER. FIELD VERIFY EXACT DEPTH, AND LOCATION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
55. CONNECT TO BUILDING SEWER SERVICE. COORDINATE EXACT LOCATION AND DEPTH AT BUILDING PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
56. CAP END FOR FUTURE CONNECTION.

WATER NOTES

71. PLACE 1" DOMESTIC WATER PER (10 C5.1)
72. PLACE 2" DOMESTIC WATER PER
73. PLACE GATE VALVE AND VALVE BOX. SIZE TO MATCH LINE SIZE. (11 C5.1)
74. CONNECT TO EXISTING DOMESTIC WATER PIPE. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
75. CONNECT TO BUILDING DOMESTIC WATER SERVICE. COORDINATE EXACT LOCATION AND DEPTH AT BUILDING PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
76. CAP END FOR FUTURE CONNECTION.
77. PLACE 4" IRRIGATION PIPE PER (10 C5.1)
78. CONNECT TO EXISTING IRRIGATION PIPE. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

GRAPHIC SCALE
10' 0 5' 10' 20'
(IN FEET) 1 inch = 10 feet
NORTH
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AGENCY APPROVAL:

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Δ DESCRIPTION DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
NO. C74826
STATE OF CALIFORNIA

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WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
UTILITY PLAN

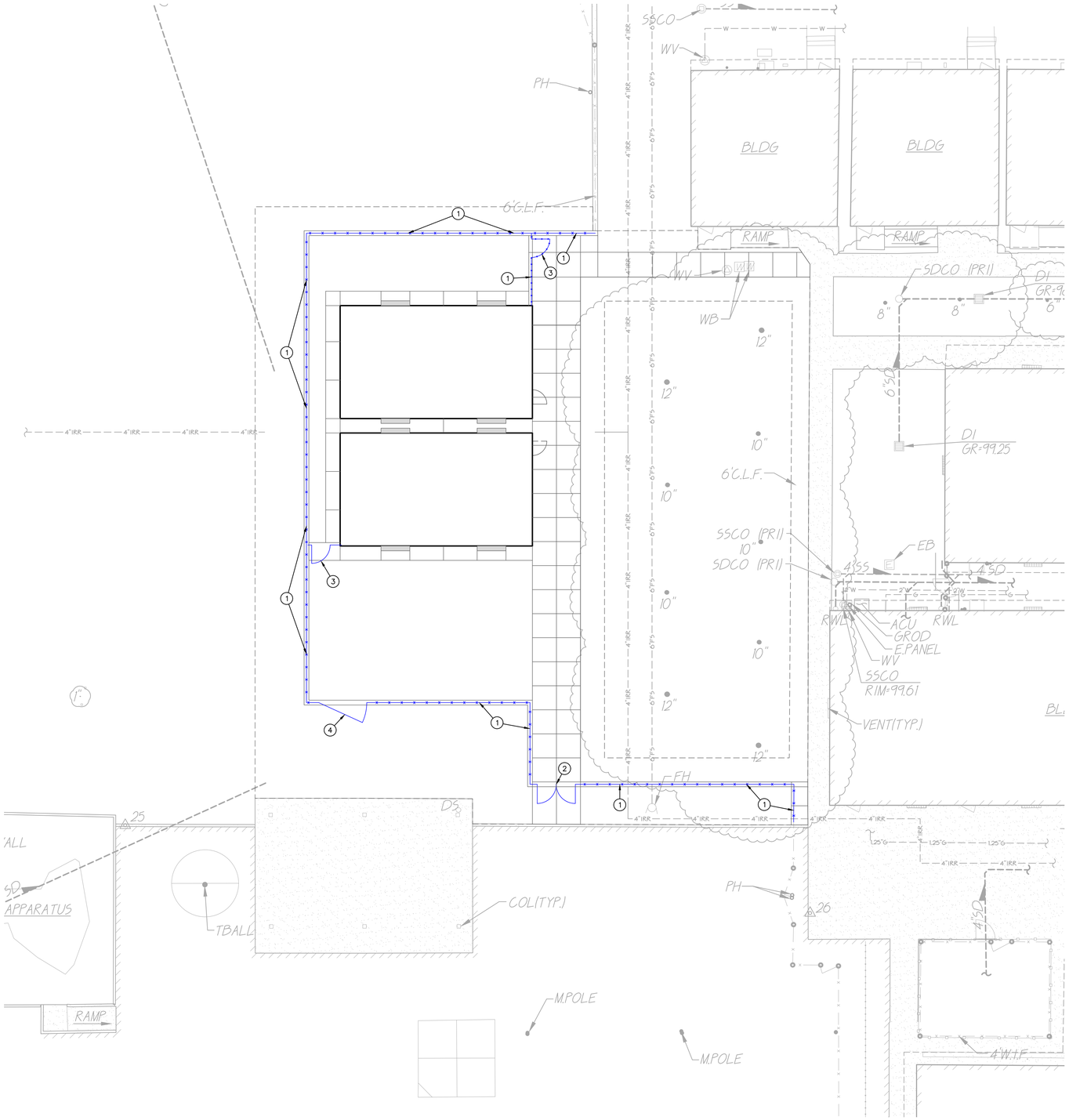
CONSTRUCTION DOCUMENTS

DATE: 2026.05.04 | CLIENT PROJ NO: -

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C3.1

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FENCING NOTES

1. PLACE 6 FT BLACK VINYL CHAIN LINK FENCE AND POSTS. POSTS AND RAILS TO BE POWDER COATED BLACK. FABRIC TO BE 9 GA. 2" MESH SEE SPECIFICATION SECTION 323113 AND DETAIL PROVIDED. (3 / C5.2)
2. CONSTRUCT ACCESSIBLE TWO-LEAF (40" WIDE LEAFS) CHAIN LINK GATE PER (1 / C5.2)
3. CONSTRUCT 4FT WIDE, SINGLE LEAF, CHAIN LINK MAINTENANCE GATE PER (4 / C5.2)
4. CONSTRUCT 10FT WIDE, SINGLE LEAF, CHAIN LINK MAINTENANCE GATE PER (4 / C5.2)

GRAPHIC SCALE

10' 0 5' 10' 20'

(IN FEET) 1 inch = 10 feet

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FENCING PLAN

CONSTRUCTION DOCUMENTS

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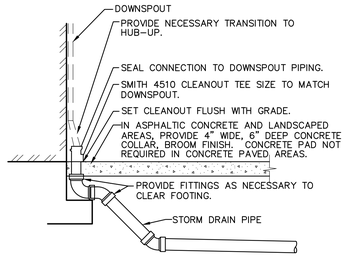
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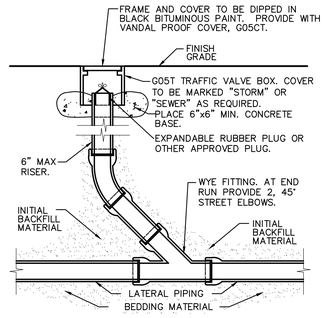
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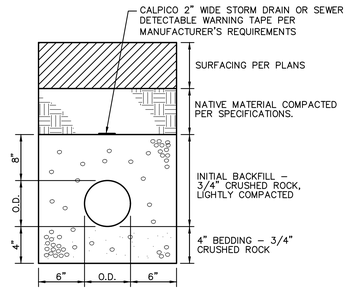
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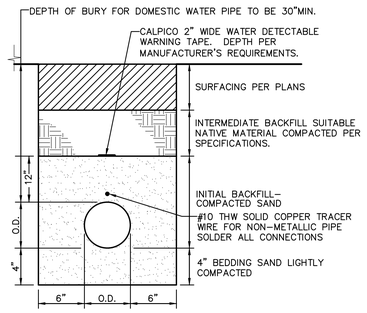
12 C5.1 DOWNSPOUT CONNECTION
NO SCALE



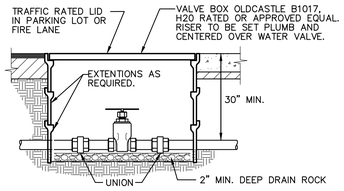
8 C5.1 CLEANOUT
NO SCALE



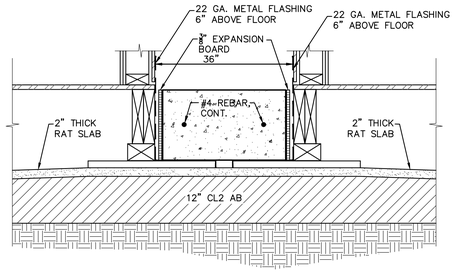
9 C5.1 STORM DRAIN AND SEWER TRENCH
NO SCALE



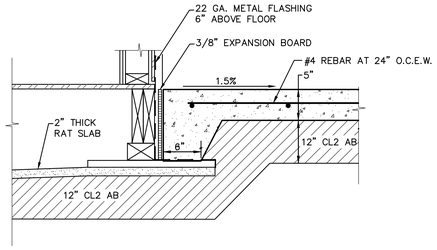
10 C5.1 WATER TRENCH
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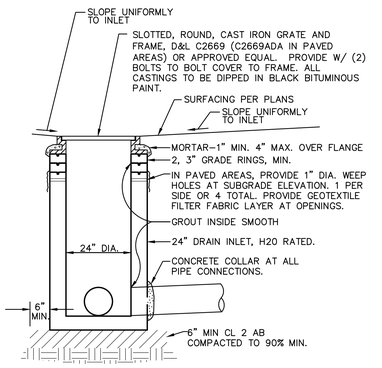
11 C5.1 WATER VALVE
1/2" TO 3" PIPE
NO SCALE



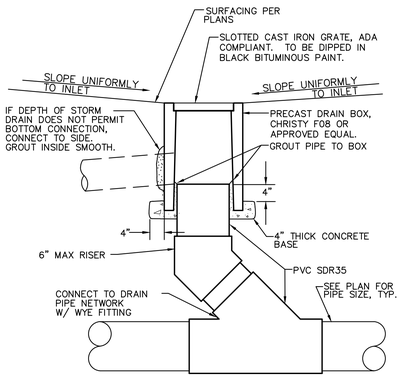
4 C5.1 CONCRETE BAND
NO SCALE



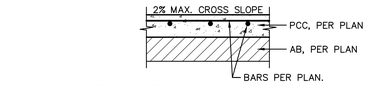
5 C5.1 SECTION–EDGE OF WALK AT BLDG.
NO SCALE



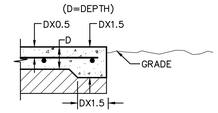
6 C5.1 DROP INLET
NO SCALE



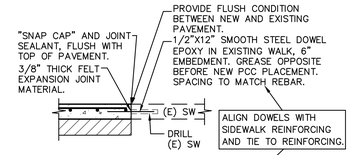
7 C5.1 AREA DRAIN
NO SCALE



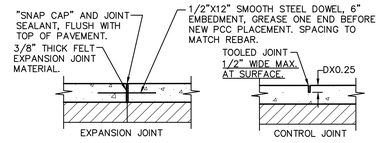
TYPICAL SECTION



TYPICAL THICKENED EDGE



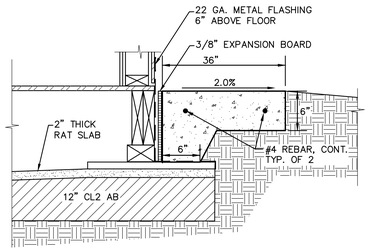
CONNECTION TO (E) CONCRETE



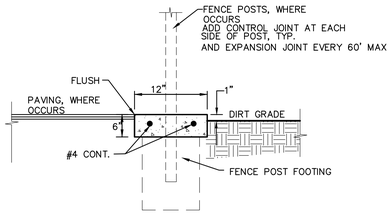
TYPICAL JOINTS

NOTES:
1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MAX. SEE PLAN FOR LAYOUT.
2. PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAX. SEE PLAN FOR LAYOUT.
3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

1 C5.1 CONCRETE SIDEWALK
NO SCALE



2 C5.1 36" CONCRETE BAND
NO SCALE



3 C5.1 12" WIDE CONCRETE BAND
NO SCALE

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3324 GLENMOOR DRIVE
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PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
DETAILS AND SECTIONS

CONSTRUCTION DOCUMENTS

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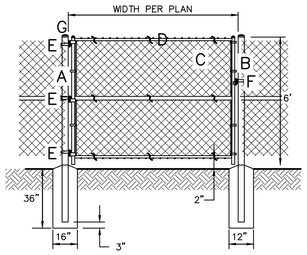
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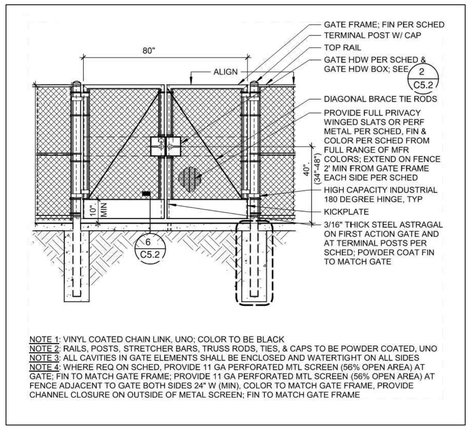
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A – 4" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK.
B – 2 7/8" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK.
C – FABRIC TO MATCH FENCE. BLACK VINYL COATED.
D – 1 5/8" OD SCH. 40 WELDED GALV. STEEL FRAME, POWDER COATED BLACK.
E – 180 DEGREE PRESSED STEEL INDUSTRIAL HINGE.
F – MALLEABLE IRON (LOCKABLE) GATE FORK LATCH, SEE 5/C5.2.
G – ALL CAPS AND FITTINGS HEAVY INDUSTRIAL GALV. GRADE, POWDER COATED BLACK.

4 / C5.2 CHAIN LINK MAINTENANCE GATE

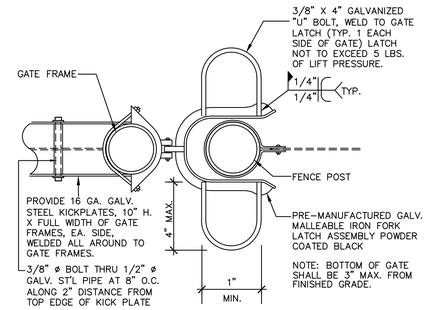
NO SCALE



NOTE 1: VINYL COATED CHAIN LINK, UNO; COLOR TO BE BLACK
NOTE 2: RAILS, POSTS, STRETCHER BARS, TRUSS RODS, TIES, & CAPS TO BE POWDER COATED, UNO
NOTE 3: ALL CAVITIES IN GATE ELEMENTS SHALL BE ENCLOSED AND WATERTIGHT ON ALL SIDES
NOTE 4: WHERE REQ ON SCHED, PROVIDE 11 GA PERFORATED MTL SCREEN (56% OPEN AREA) AT GATE; FIN TO MATCH GATE FRAME; PROVIDE 11 GA PERFORATED MTL SCREEN (56% OPEN AREA) AT FENCE ADJACENT TO GATE BOTH SIDES 24" W (MIN), COLOR TO MATCH GATE FRAME; PROVIDE CHANNEL CLOSURE ON OUTSIDE OF METAL SCREEN; FIN TO MATCH GATE FRAME

1 / C5.2 CHAIN LINK ACCESSIBLE GATE – DOUBLE

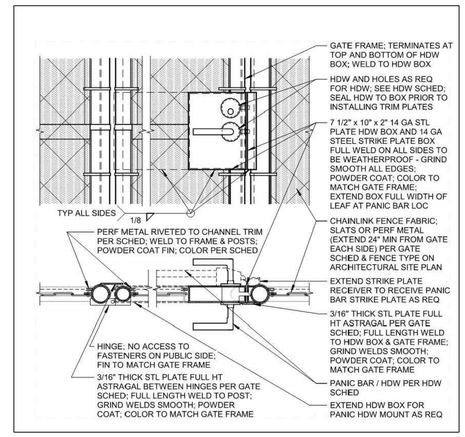
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MOUNT LATCH PADDLE BETWEEN 30" – 44" A.F.F.

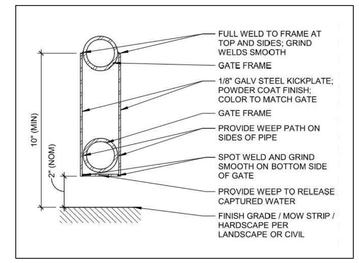
5 / C5.2 GATE LATCH

NO SCALE



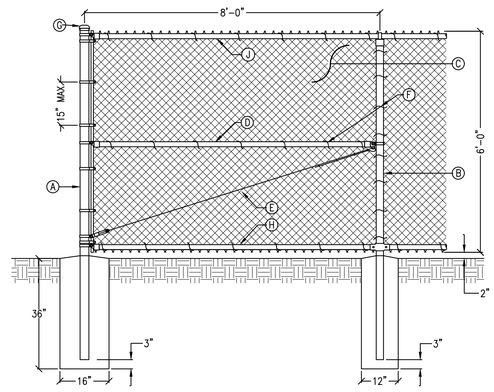
2 / C5.2 ACCESSIBLE GATE – HARDWARE

NO SCALE



6 / C5.2 KICKPLATE

NO SCALE



Ⓐ – 2-7/8" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK PER PLAN.
Ⓑ – 2-3/8" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK PER PLAN.
Ⓒ – 9 GA. CHAIN LINK FENCE. BLACK VINYL.
Ⓓ – 1-5/8" OD SCH. 40 GALV. STEEL RAIL, POWDER COATED BLACK PER PLAN WHERE REQ'D. AT TERMINAL AND CORNER POSTS.
Ⓔ – 3/8" OD ADJUSTABLE INDUSTRIAL GALV. TRUSS ROD WITH TRUSS ROD TIGHTENER. 18" MINIMUM TAIL AND SECURE WITH 9 GA. GALV. STEEL, BLACK VINYL COATED HOG RINGS..
Ⓕ – 9 GA. GALV. STEEL, BLACK VINYL COATED OR GALV., TO MATCH FENCING. TIES AT 15" MAX. OC HORIZONAL AND 12" MAX. VERTICAL CLOSED EYE ENDS.
Ⓖ – ALL CAPS AND FITTINGS HEAVY INDUSTRIAL GALV. GRADE. POWDER COATED BLACK PER PLAN.
Ⓗ – 1-5/8" OD SCH. 40 GALV. STEEL BOTTOM RAIL. POWDER COATED BLACK PER PLAN.
Ⓙ – 1-5/8" OD SCH. 40 GALV. STEEL TOP RAIL, POWDER COATED BLACK PER PLAN.

3 / C5.2 6' TALL CHAIN LINK FENCING

NO SCALE

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FACILITY:
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PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

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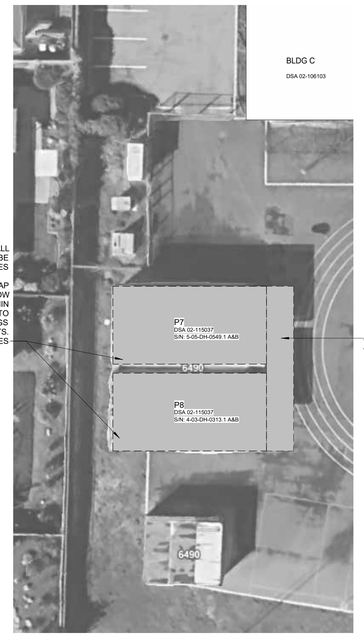
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PN

SITE DEMOLITION PLAN - GENEVIEVE DIDION 1 NTS



(E) IDF CABINET & ALL INTERNAL COMPONENTS TO BE RELOCATED W/ PORTABLES

DISCONNECT, COIL, AND CAP EXISTING UTILITIES AND LOW VOLTAGE SYSTEMS WITHIN LIMIT OF WORK, REFER TO MEP/LOW VOLTAGE DRAWINGS FOR REQUIREMENTS. COORDINATE WITH TRADES

(E) RAMPS TO BE DEMOLISHED & SCRAPPED

PN

SITE DEMOLITION PLAN - GENEVIEVE DIDION - ENLARGED 3 NTS

LEGEND

- EXISTING PORTABLES TO BE RELOCATED
- EXISTING BUILDINGS

(E) BUILDING P7

S/N: 5-05-DH-0549.1 A&B



(E) BUILDING P8

S/N: 4-03-DH-0313.1 A&B



EXISTING IMAGES 2 1" = 1'-0"

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ISSUE

Δ	DESCRIPTION	DATE

NOTES

1. ALL (E) WALL-MOUNTED EQUIPMENT AND ACCESSORIES, INCLUDING BUT NOT LIMITED TO SOAP DISPENSERS, PAPER TOWEL DISPENSERS, FIRE ALARM DEVICES, AND RELATED ITEMS, SHALL BE PROTECTED IN PLACE AND SHALL REMAIN WITH THE PORTABLE BUILDING DURING RELOCATION. U.O.N. CONTRACTOR SHALL VERIFY (E) CONDITIONS PRIOR TO MOVE AND PROTECT ALL ITEMS FROM DAMAGE
2. REMOVE AND DISCARD ALL (E) GUTTERS AND DOWNSPOUTS
3. ALL (E) UTILITIES TO BE TERMINATED AND CAPPED FOR FUTURE RECONNECTIONS.
4. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DEMO DRAWINGS FOR SCOPE OF FIBER & UTILITY CONNECTIONS
5. CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/PLANTING FOR CONNECTION OF UNDERGROUND UTILITIES

FACILITY:
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3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

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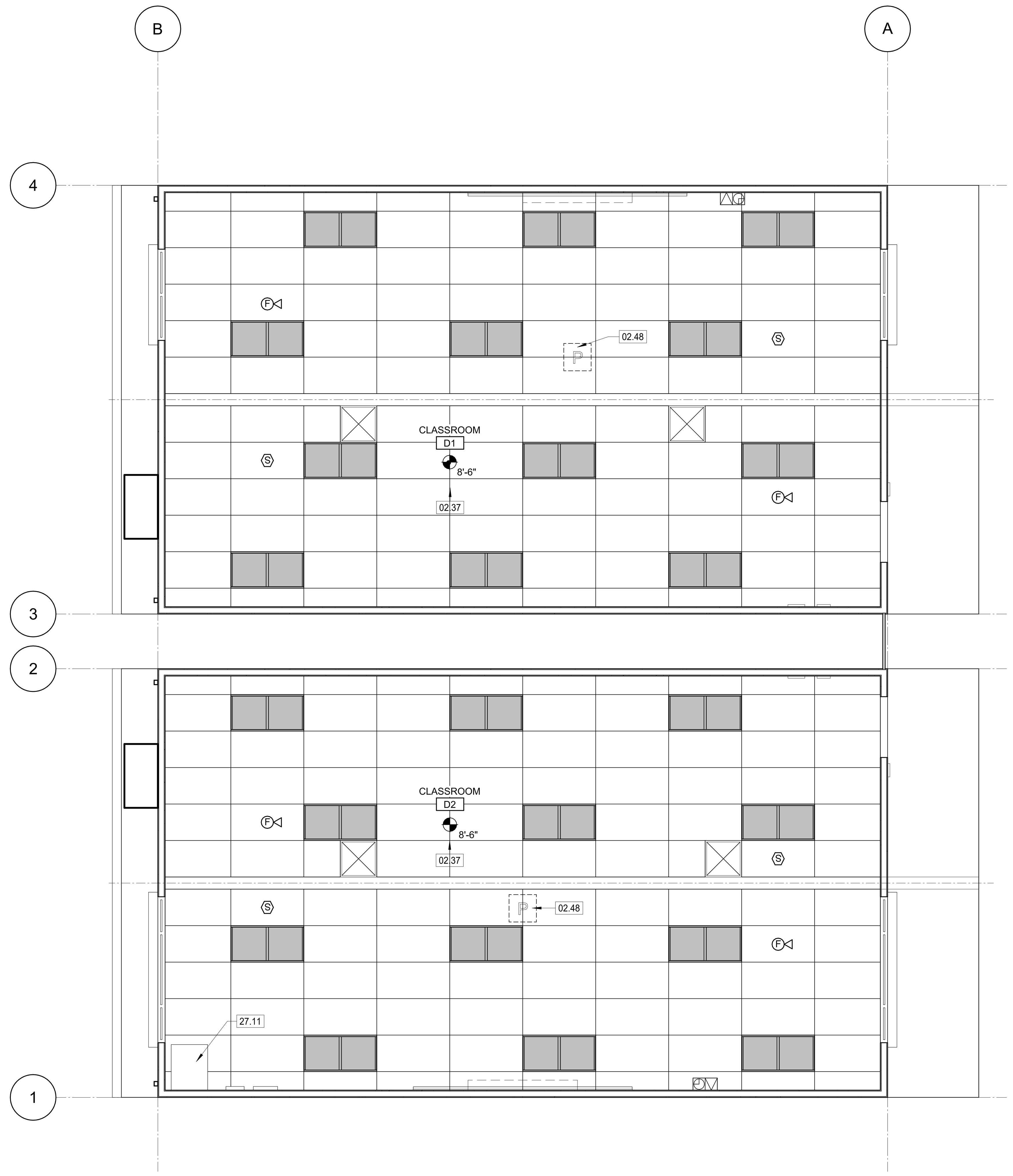
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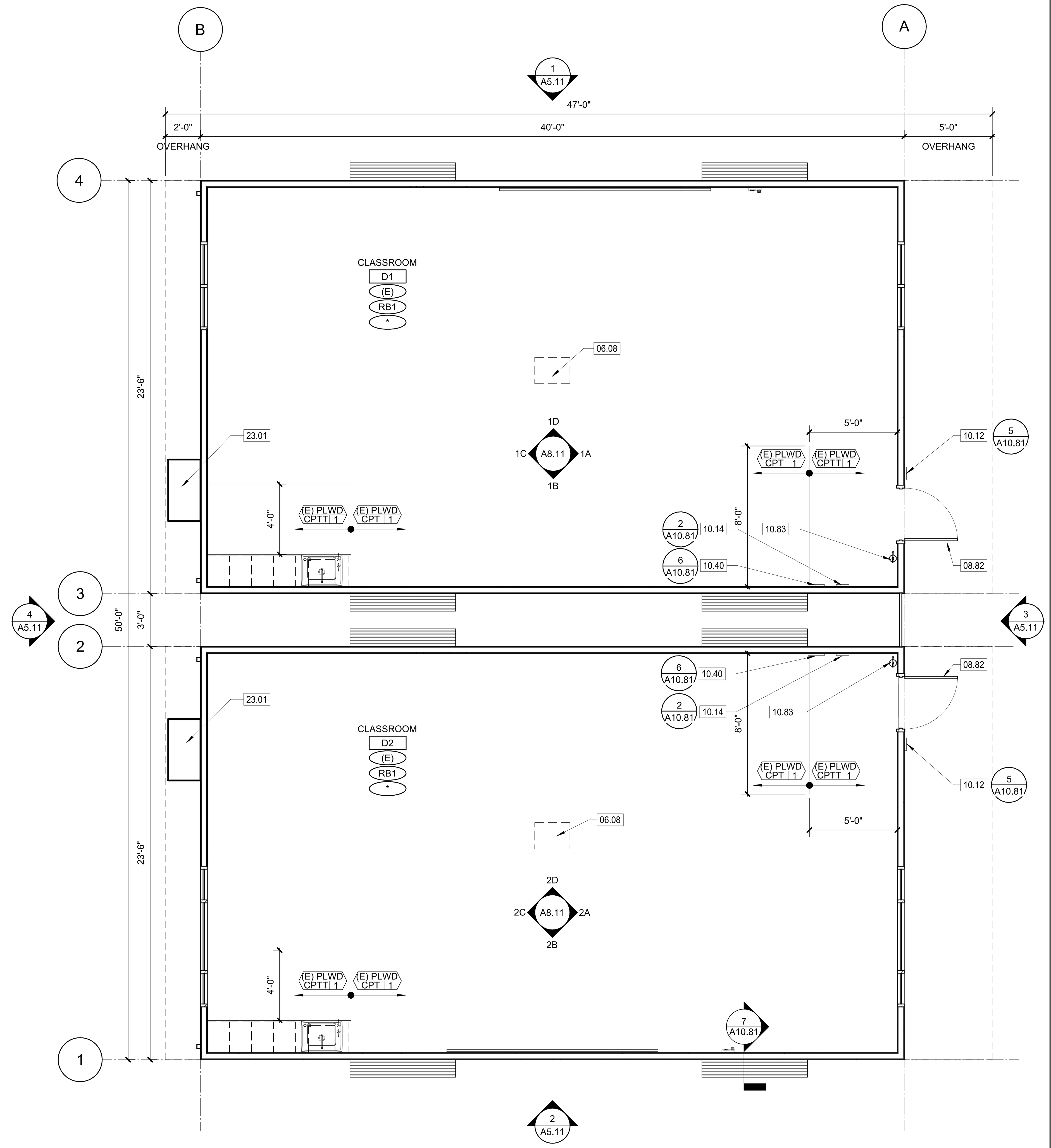
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1ST FLOOR - RCP 3
1/4" = 1'-0"



FLOOR PLAN 1
1/4" = 1'-0"

LEGEND

ROOF OVERHANG

MODULAR INTERSECTION

FINISH TAG

NAME
- ROOM NAME
- ROOM NUMBER
- WALL FINISH - SEE FINISH SCHEDULE
  * = MULTIPLE FINISHES, SEE INT ELEVATION
- BASE FINISH
- FLOOR FINISH - SEE FINISH SCHEDULE
  * = MULTIPLE FINISHES, SEE FINISH TAGS

FLOOR INTERIOR FINISHES

XXXX XXX X
- SUBSTRATE
- COLOR - SEE FINISH SCHEDULE
- MATERIAL TYPE - SEE FINISH SCHEDULE

UNDER FLOOR VENT, RECESSED

10'-0"
- HEIGHT ABOVE LEVEL (NOT FINISH FLOOR)
- RETURN AIR GRILLE (DIAGONAL HATCH- SYMBOL SHAPES WILL VARY)
- SUPPLY AIR GRILLE (CROSSHATCH- SYMBOL SHAPES WILL VARY)
- LIGHT FIXTURE (SHADED- SYMBOL SHAPES WILL VARY)

24"x48" ACOUSTIC TILE CEILING SYSTEM- REF: CEILING TAGS AND SPECIFICATIONS

UNDERFLOOR VENTILATION CALCULATION

NUMBER OF MODULES PER PORTABLE:	
• 12"X 72"	4
EFFECTIVE NET AIR FLOW AREA REQUIRED:	12.8 SF
EFFECTIVE NET AIR FLOW AREA PROVIDED:	24 SF

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Δ	DESCRIPTION	DATE

KEYNOTES

02.37	(E) CEILING TO REMAIN; CONTRACTOR TO ASSUME AT MINIMUM 10% OF ACOUSTICAL CEILING PANELS TO BE REPLACED.
02.48	(E) CEILING-MOUNTED PROJECTOR TO REMAIN; PROTECT IN PLACE
06.08	PROVIDE CRAWLSPACE ACCESS THROUGH (E) FLOOR FRAMING BELOW REMOVABLE CARPET TILE LOCATIONS. LOCATE ACCESS TO ALIGN WITH THE UNDERFLOOR AREA DRAIN. PROVIDE CLEAR ACCESS FOR DRAIN FLUSHING AND MAINTENANCE. REFER TO PC DRAWINGS FOR ALLOWABLE FLOOR FRAMING OPENINGS, ACCESS PANEL REQUIREMENTS, AND LIMITATIONS ON CUTTING OR MODIFICATION OF (E) FRAMING. CAREFULLY REMOVE AND SALVAGE CARPET TILES AS REQUIRED; PROTECT (E) FRAMING, FINISHES, AND ADJACENT CONSTRUCTION; REINSTALL CARPET TILES UPON COMPLETION OF WORK, U.O.N.
08.82	CONTRACTOR TO VERIFY (E) HARDWARE TO MATCH OR EQUAL TO (E) CAMPUS HARDWARE; COORDINATE WITH DISTRICT
10.12	TACTILE ROOM ID SIGN, DESIGN AND COLOR TO MATCH (E) CAMPUS SIGNAGE
10.14	ASSISTIVE LISTENING DEVICE SIGN
10.40	PRINT AND PINUP EGRESS MAP FROM REFERENCED DETAIL @ DISTRICT REQUEST. CONFIRM LOCATION WITH DISTRICT REPRESENTATIVE
10.83	REMOVE AND REPLACE (E) SURFACE MOUNTED FIRE EXTINGUISHER; HOWEVER, (E) TO REMAIN (AND ISSUE CREDIT TO OWNER DURING CONSTRUCTION), IF CONFIRMED (E) ACCESSORY HAS NOT EXPIRED
23.01	(E) HVAC UNIT, PROVIDE CONDENSATE DRAIN PVC PIPING TO DRYWELL
27.11	(E) IDF CABINET WITH ALL (E) COMPONENTS | TECHNOLOGY

NOTES

1. REFER TO SHEET G0.11 FOR TYPICAL SYMBOLS AND ABBREVIATIONS.
2. REFER TO G-SERIES SHEETS FOR ADDITIONAL INFO AND CODE REQUIREMENTS.
3. SEE RESPONSIBILITY MATRIX.
4. PORTABLES TO BE PROVIDED COMPLETELY SEALED AND WATER TIGHT AT MODULAR INTERSECTION.
5. ELEMENTS IDENTIFIED IN DRAWINGS TAKE PRECEDENCE IN THE EVENT OF DISCREPENCIES BETWEEN DRAWINGS AND SPECIFICATIONS.
6. REPLACE IN KIND ALL EXISTING LAWN (SOD) AREAS DISTURBED BY WORK, VIF PRIOR TO BID.
7. REPLACE AND/OR RECONFIGURE ALL EXISTING IRRIGATION DISTURBED BY WORK, INCLUDING PROGRAMMING, ETC., FOR A COMPLETE AND FUNCTIONING SYSTEM, VIF PRIOR TO BID. SPRINKLER OVERSPRAY NOT ALLOWED ON WALKWAYS, BUILDINGS, OR FENCES.

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3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
FLOOR PLANS & RCPS

CONSTRUCTION DOCUMENTS

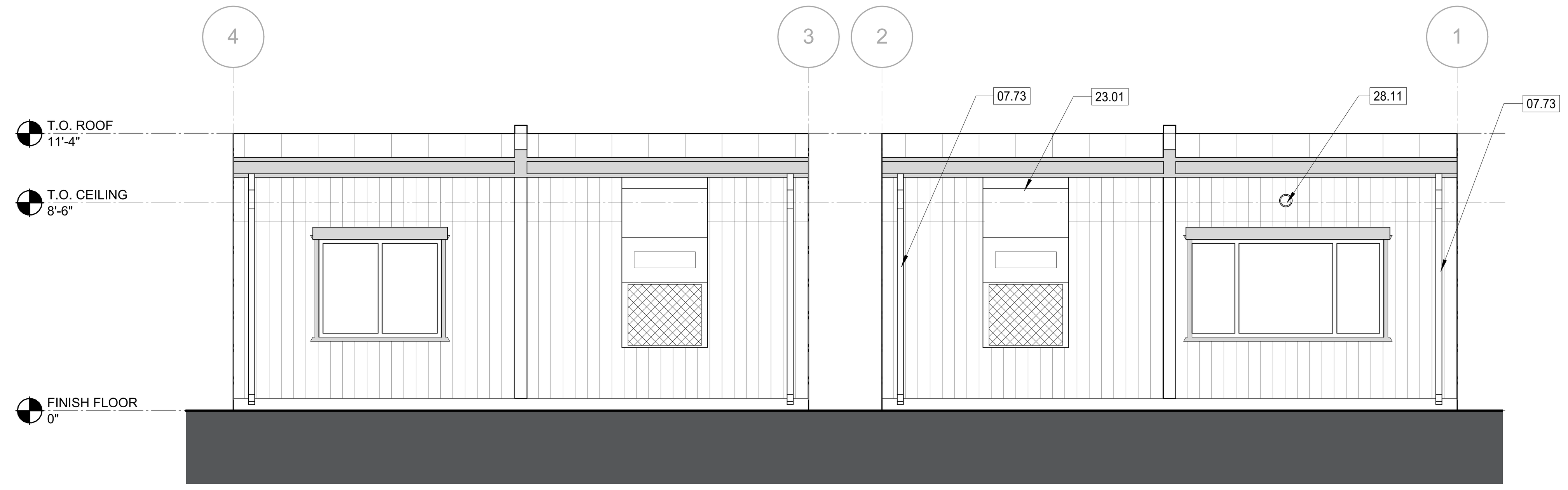
DATE: xxxx.xx.xx | CLIENT PROJ NO:

SHEET:
A2.11

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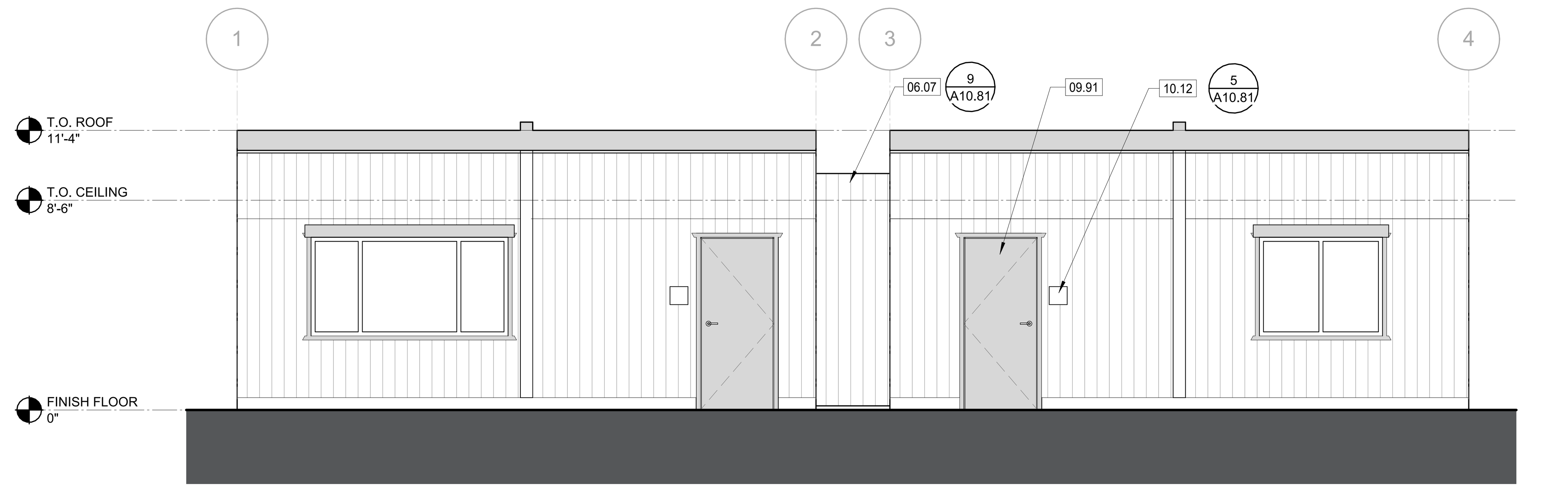
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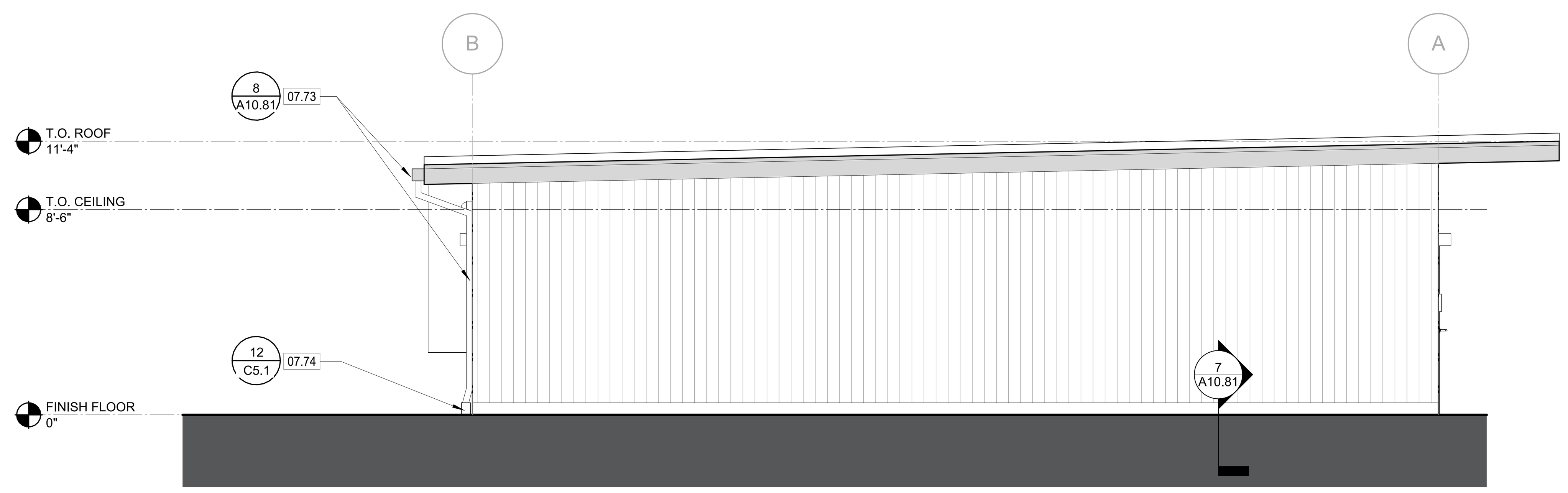
ELEVATION - EXTERIOR - WEST (REAR) 4

1/4" = 1'-0"



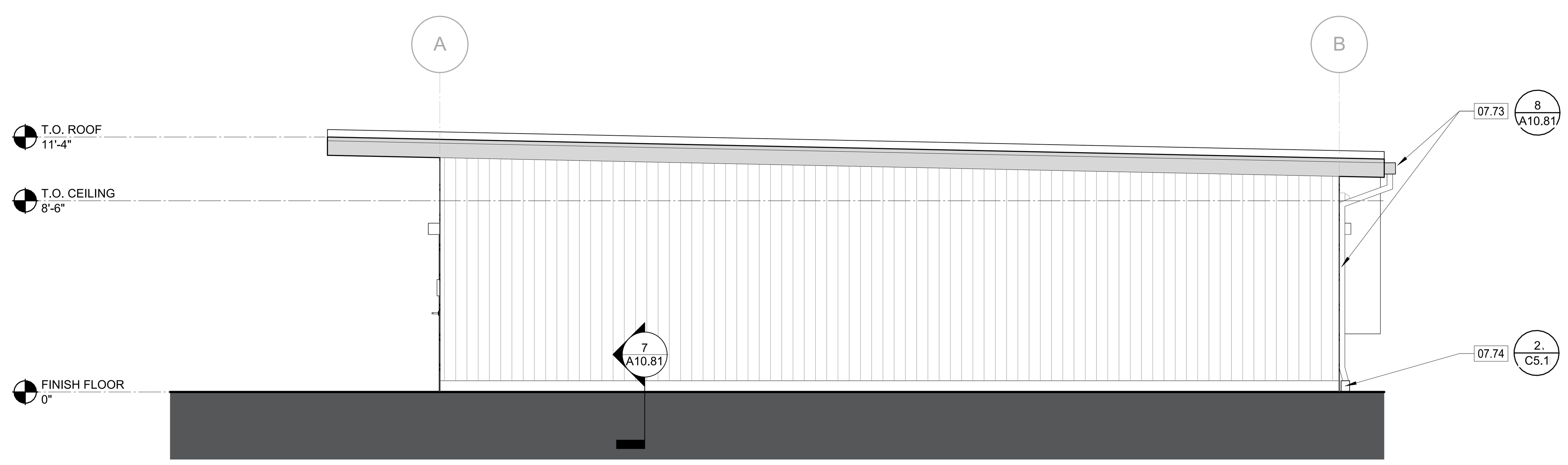
ELEVATION - EXTERIOR - EAST (FRONT) 3

1/4" = 1'-0"



ELEVATION - EXTERIOR - SOUTH 2

1/4" = 1'-0"



ELEVATION - EXTERIOR - NORTH 1

1/4" = 1'-0"

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LEGEND

	(E) VERTICAL WOOD SIDING, PAINT TO MATCH CAMPUS/SITE COLORS
	(E) METAL ROOF
	(E) WOOD TRIM/SIDING, PAINT TO MATCH CAMPUS/SITE COLORS

EXTERIOR COLOR SCHEDULE

	MATERIAL	COLOR
W1	ALL TRIM/SIDING (UNO) INCLUDING ROOF FLASHING, RAKES, EAVES AND FASCIAS, SEE LEGEND	PAINT TO MATCH CAMPUS/SITE COLORS
W2	ALL TRIM (UNO), SEE LEGEND	PAINT TO MATCH CAMPUS/ SITE COLORS
M1	ALL DOWNSPOUTS	PAINT TO MATCH CAMPUS/ SITE COLORS
M2	ALL GUTTERS	PAINT TO MATCH CAMPUS/ SITE COLORS
D1	ALL DOORS INCLUDING DOOR FRAMES	PAINT TO MATCH CAMPUS/ SITE COLORS

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KEYNOTES

06.07	WOOD SIDING WITH VERTICAL GROOVES, 3" ABOVE FINISH GRADE, PAINT TO MATCH ADJACENT EXTERIOR WALLS
07.73	REMOVE AND REPLACE (E) GUTTERS AND DOWNSPOUTS, TYP.
07.74	DOWNSPOUT TO BE CONNECTED TO UNDERGROUND STORM DRAINAGE SYSTEM | CIVIL
09.91	PAINT (E) DOOR FRAME, TO MATCH (E) CAMPUS, VIF PRIOR TO BID, TYP.
10.12	TACTILE ROOM ID SIGN, DESIGN AND COLOR TO MATCH (E) CAMPUS SIGNAGE
23.01	(E) HVAC UNIT, PROVIDE CONDENSATE DRAIN PVC PIPING TO DRYWELL
28.11	SURVEILLANCE CAMERA, MOUNTING HARDWARE, CONDUIT, WIRING, BACKBOXES, AND ASSOCIATED ACCESSORIES AS REQUIRED. COORDINATE FINAL LOCATION, MOUNTING HEIGHT, VIEWING DIRECTION, POWER, DATA, AND CONNECTION REQUIREMENTS WITH DISTRICT, COORDINATE WITH ELECTRICAL CONSULTANT PRIOR TO INSTALLATION

NOTES

1. NOT ALL EQUIPMENT, ACCESSORIES, DEVICES, ETC. ARE SHOWN FOR CLARITY, VIF PRIOR TO BID
2. PAINT ALL EXPOSED SURFACES INCLUDING EXTERIOR WALLS, SIDING, DOORS, FRAMES, TRIMS, FLASHING (INCLUDING ROOF FLASHING), GUTTERS, DOWNSPOUTS, CONDUIT, RACEWAYS, CONDENSATE PIPING, ACCESSORIES, ETC., EXCLUDING TRANSPARENT OR PRE-FINISHED OPENINGS, EQUIPMENT OR ACCESSORIES, UNO
3. SEE RESPONSIBILITY MATRIX
4. ELEMENTS IDENTIFIED IN DRAWINGS TAKE PRECEDENCE IN THE EVENT OF DISCREPENCIES BETWEEN DRAWINGS AND SPECIFICATIONS

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PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
EXTERIOR ELEVATIONS

CONSTRUCTION DOCUMENTS

DATE: xxxx.xx.xx | CLIENT PROJ NO:

SHEET:
A5.11

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RESILIENT BASE & ACCESSORIES

TAG	MANUFACTURER	TYPE	COLOR NAME	COLOR #	HEIGHT	NOTE
RB1	BURKE	TP 1/8"; COVED	TBD	TBD	6"	TO BE COORDINATED W/ DISTRICT

TILE CARPETING

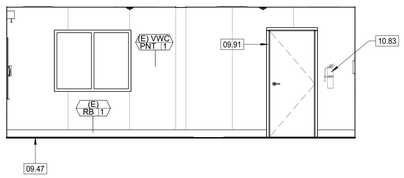
TAG	MANUFACTURER	COLLECTION	STYLE	COLOR NAME	COLOR #	SIZE	BACKING	INSTALLATION DIRECTION	NOTE
CPTT1	TARKETT	ABRASIVE ACTION II	N/A	TBD	TBD	24" X 24"	FLEX AIRE	TBD	TO BE COORDINATED W/ DISTRICT

SHEET CARPETING

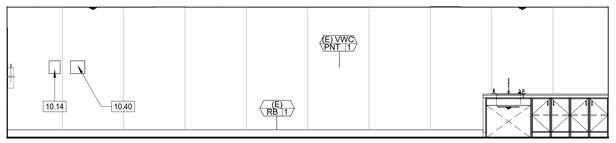
TAG	MANUFACTURER	COLLECTION	STYLE	COLOR NAME	COLOR #	BACKING	NOTE
CPT1	TARKETT	AFTERMATH II	N/A	TBD	TBD	POWERBOND RS	TO BE COORDINATED W/ DISTRICT

PAINTING

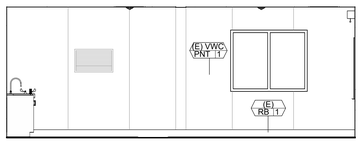
TAG	MANUFACTURER	COLOR NAME	COLOR #	NOTE
PNT1	TBD	TBD	TBD	TO BE COORDINATED W/ DISTRICT



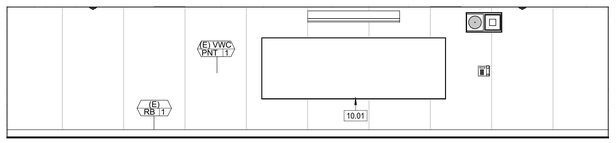
D1 CLASSROOM - EAST **1A** 1/4" = 1'-0"



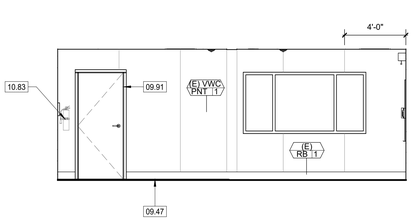
D1 CLASSROOM - SOUTH **1B** 1/4" = 1'-0"



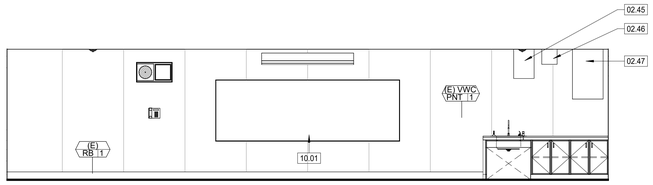
D1 CLASSROOM - WEST **1C** 1/4" = 1'-0"



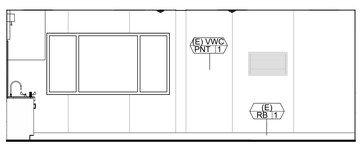
D1 CLASSROOM - NORTH **1D** 1/4" = 1'-0"



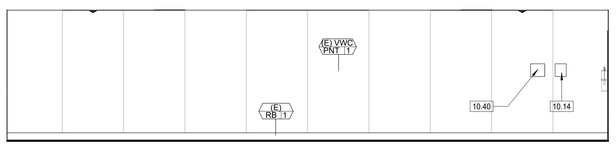
D2 CLASSROOM - EAST **2A** 1/4" = 1'-0"



D2 CLASSROOM - SOUTH **2B** 1/4" = 1'-0"



D2 CLASSROOM - WEST **2C** 1/4" = 1'-0"



D2 CLASSROOM - NORTH **2D** 1/4" = 1'-0"

INTERIOR FINISH SCHEDULE **1** 12" = 1'-0"

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LEGEND



KEYNOTES

02.45	(E) PORTABLE UNIT FIRE ALARM PANEL | FIRE ALARM
02.46	(E) PORTABLE UNIT FIRE ALARM POWER PANEL | FIRE ALARM
02.47	(E) IDF CABINET WITH ALL (E) COMPONENTS | TECHNOLOGY
09.47	RESILIENT BASE
09.91	PAINT (E) DOOR FRAME, TO MATCH (E) CAMPUS, VIF PRIOR TO BID, TYP.
10.01	(E) MAGNETIC MARKER BOARD
10.14	ASSISTIVE LISTENING DEVICE SIGN
10.40	PRINT AND PINUP EGRESS MAP FROM REFERENCED DETAIL @ DISTRICT REQUEST. CONFIRM LOCATION WITH DISTRICT REPRESENTATIVE
10.83	REMOVE AND REPLACE (E) SURFACE MOUNTED FIRE EXTINGUISHER; HOWEVER, (E) TO REMAIN (AND ISSUE CREDIT TO OWNER DURING CONSTRUCTION), IF CONFIRMED (E) ACCESSORY HAS NOT EXPIRED

NOTES

1. NOT ALL EQUIPMENT, ACCESSORIES, DEVICES, ETC. ARE SHOWN FOR CLARITY, VIF PRIOR TO BID
2. ELEMENTS IDENTIFIED IN DRAWINGS TAKE PRECEDENCE IN THE EVENT OF DISCREPENCIES BETWEEN DRAWINGS AND SPECIFICATIONS

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INTERIOR ELEVATIONS

CONSTRUCTION DOCUMENTS

DATE: xxxx.xx.xx

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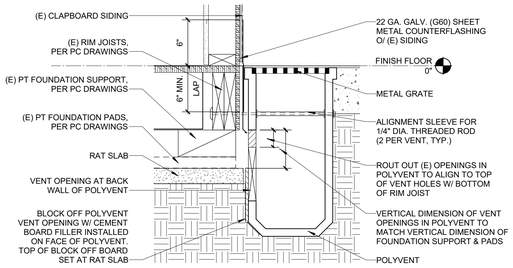
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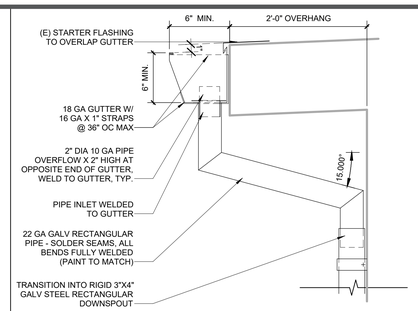
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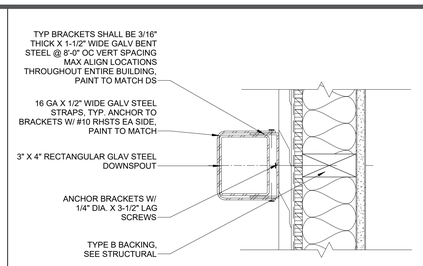
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UNDERFLOOR VENT - RECESSED | 7
1 1/2" = 1'-0"

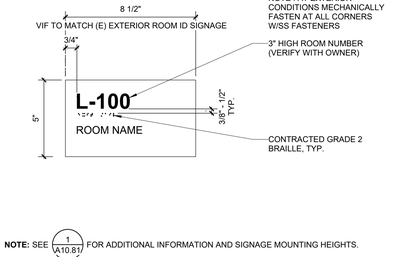


GUTTER & DOWNSPOUT | 8
1 1/2" = 1'-0"



NOTE: PROVIDE BKG IN WALL WHERE DS DOES NOT OCCUR AT BUILDING CORNERS

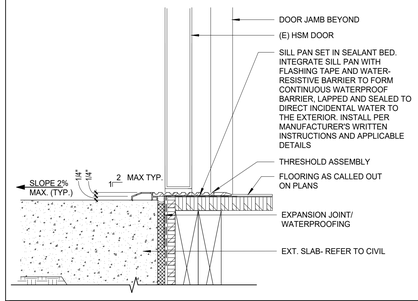
DOWNSPOUT MOUNTING | 10
3" = 1'-0"



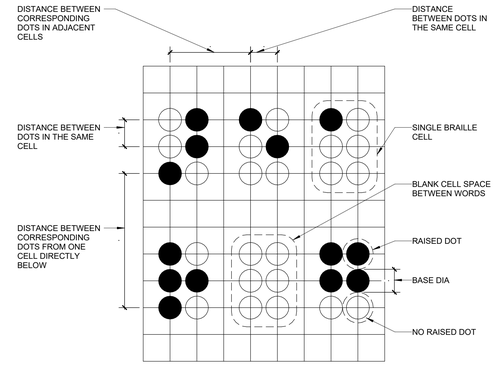
NOTE: SEE 1/A10.81 FOR ADDITIONAL INFORMATION AND SIGNAGE MOUNTING HEIGHTS.

10.14.25.01

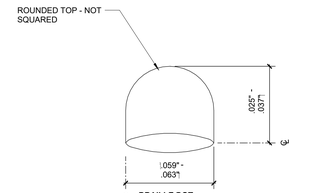
TACTILE ROOM ID SIGN | 5
3" = 1'-0"



EXTERIOR DOOR THRESHOLD | 11
3" = 1'-0"



BRAILLE MEASUREMENT
CBC FIGURE 11B-703.3.1



BRAILLE DOT

NOTES:

1. CHARACTER TYPE: CHARACTERS ON SIGN SHALL BE RAISED 1/32" MINIMUM AND SHALL BE "FUTURA MEDIUM" UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
2. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" AND A MAXIMUM OF 2" HIGH.
3. FINISH AND CONTRAST: CHARACTERS, SYMBOLS, AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH AND CONTRAST 70% MINIMUM WITH THEIR BACKGROUNDS.

   CHARACTER & SYMBOLS - "APCO" COLOR #A01 WHITE, UNO

   BACKGROUND - "APCO" COLOR #A54 GRAPHITE, UNO

   INTEGRAL COLOR FRAME: "APCO" COLOR PEARL GREY, UNO

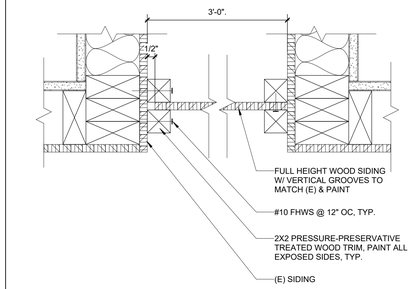
   PANEL: 1/4" THICK ACRYLIC PANEL WITH PHOTO POLYMER RAISED TACTILE COPY SUB-SURFACE SYMBOL, UNO
4. BRAILLE: CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHERE BRAILLE IS REQUIRED, DOTS SHALL BE 1/10 INCH ON CENTER IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS AND HAVE DOMED OR ROUNDED TOPS. CBC TABLE 11B-703.3.1.
5. EXTERIOR SIGNS SHALL BE METAL COMPONENTS SUITABLE TO EXTERIOR USE AND SIMILAR TO INTERIOR SIGNS FOR SHAPE AND FORM.

*MEASURED CENTER TO CENTER — **CBC TABLE 11B-703.3.1**

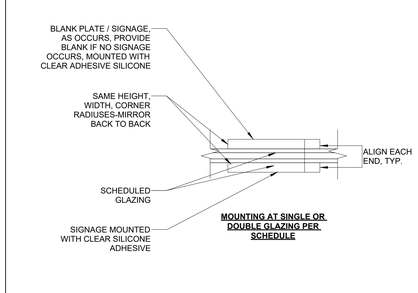
MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
DOT BASE DIAMETER	0.059 IN TO 0.063 IN
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL*	0.100 IN
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS*	0.300 IN
DOT HEIGHT	0.025 IN TO 0.037 IN
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW*	0.395 TO 0.400 IN

10.14.03.01

BRAILLE REQUIREMENTS | 3
3" = 1'-0"

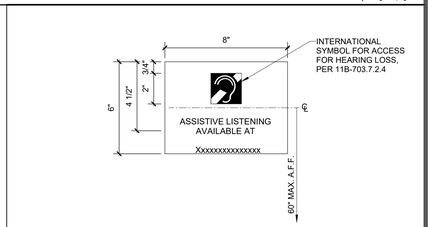


CLOSURE PANEL | 9
3" = 1'-0"



10.14.09.01

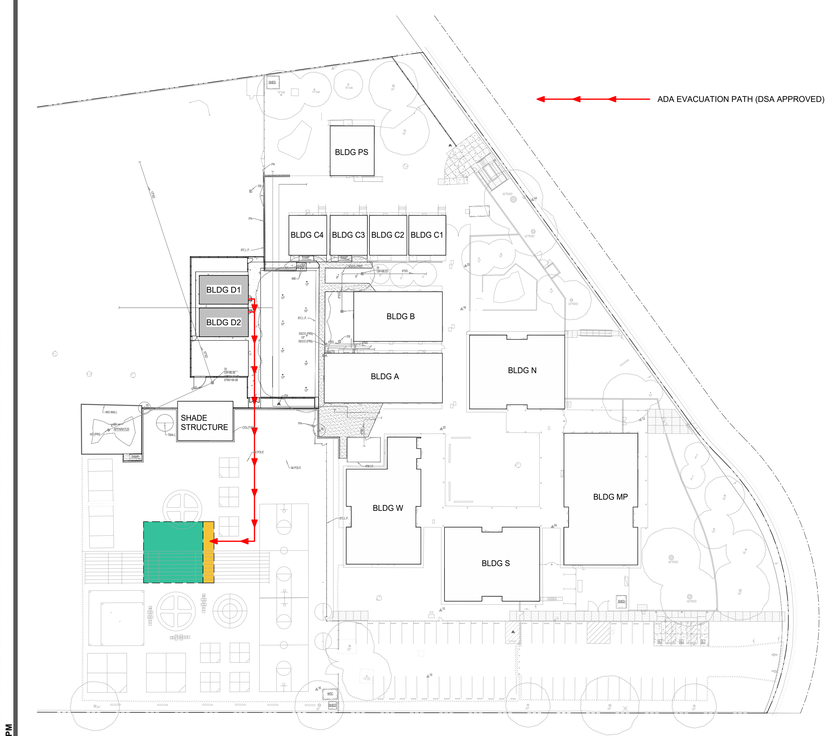
SIGN MOUNTING | 4
3" = 1'-0"



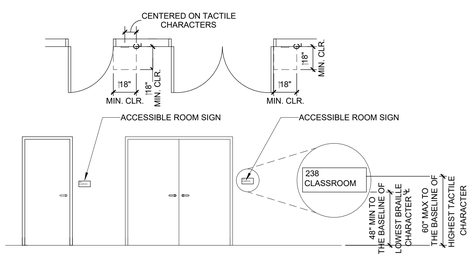
NOTE:
1. SEE 1/A10.81 FOR ADDITIONAL INFORMATION.
2. CONFIRM LOCATION OF ASSISTIVE LISTENING DEVICE LOCATION WITH OWNER PRIOR TO FABRICATION.

10.14.10.01

ASSISTIVE LISTENING DEVICE SIGN | 2
3" = 1'-0"



FUNDAMENTAL EVACUATION PLAN | 6
1" = 50'-0"



NOTES:
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, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAVES, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING IS LIMITED TO 90 DEGREE, MOUNT SIGN 6" FROM EDGE OF DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING EXCEEDS 90 DEGREES, MOUNT SIGN AT DOOR WIDTH PLUS 6" FROM EDGE OF DOOR. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" MIN BY 18" MIN, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND THE 45 DEGREE OPEN POSITION.
2. AT RESTROOM SIGNAGE, CONTRAST DOOR TO GEOMETRIC SYMBOL 70% LIGHT/DARK.
3. SEE 4/A10.81 FOR SIGNAGE ON GLAZING.

10.14.02.01

DOOR SIGNAGE LOCATIONS | 1
1/4" = 1'-0"

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REVIEWING AGENCIES STAMP HERE

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LICENSED ARCHITECT — MICHAEL CHESTER MAY — C-25193 — REN. 07/31/27 — STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
TYPICAL DETAILS

CONSTRUCTION DOCUMENTS

DATE: xxxx.xx.xx | CLIENT PROJ NO:

SHEET:

A10.81

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5/4/2026 4:44:11 PM

PLEASE RECYCLE

VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

(1) KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH
PLAN OR DETAIL NUMBER
PLAN OR DETAIL NAME
NORTH (1) **VIEW NAME**
1/8" = 1'-0"
PLAN OR DETAIL SCALE

SIM — INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS — SIM
1 — DETAIL REFERRED TO BY SECTION CUT — 1 2 3 4
M101 — SHEET DETAIL IS LOCATED ON — T101

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
NEW
EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)
EXISTING
EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)
EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

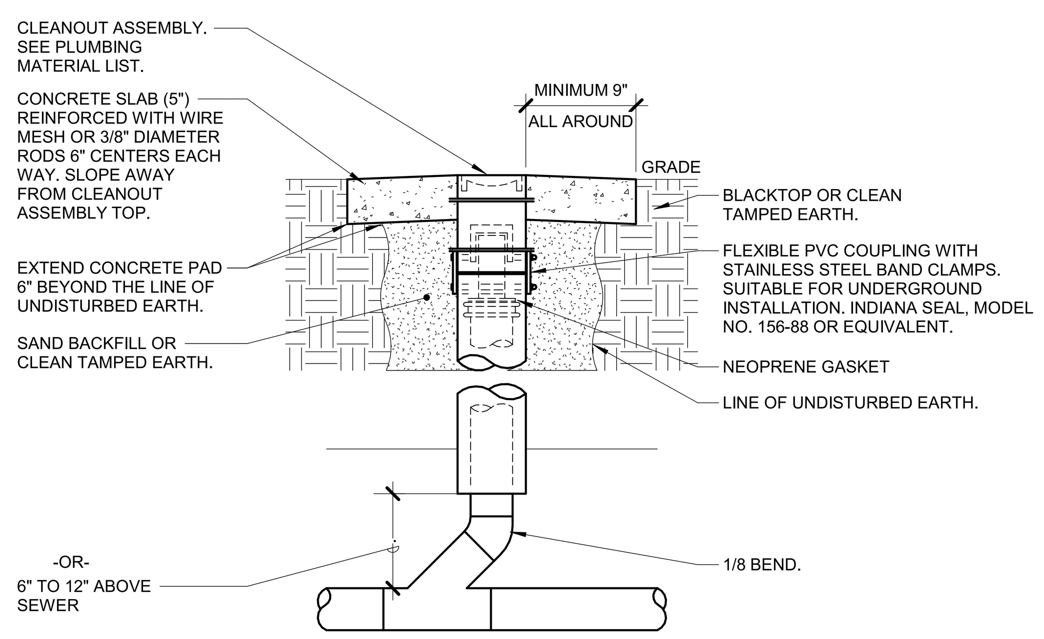
'TAG'-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

TAG-1 UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

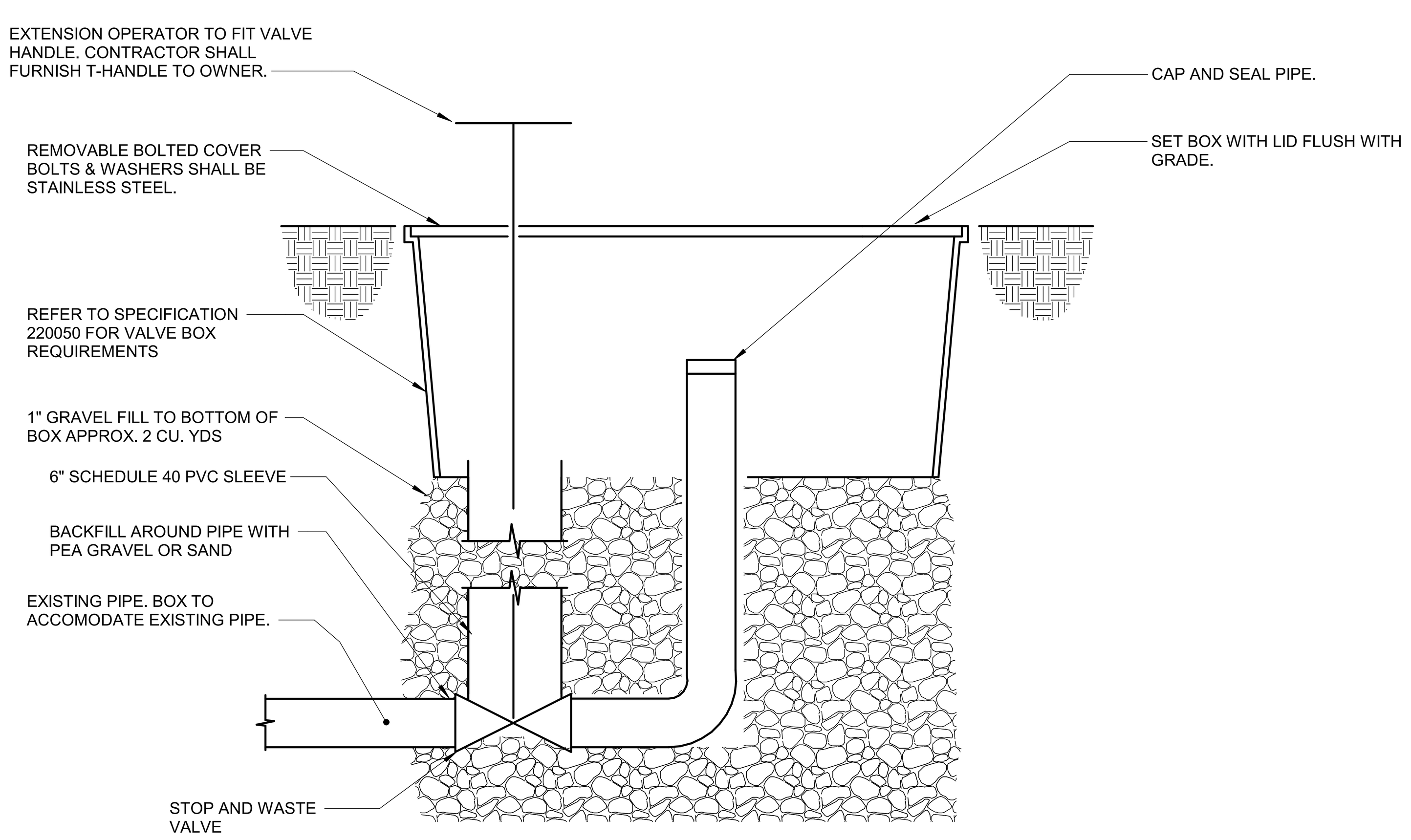
INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

FIRE / SMOKE BARRIER DESIGNATIONS

FIRE AND SMOKE SEPARATIONS ARE NOT SHOWN ON THESE DOCUMENTS. CONTRACTOR SHALL REVIEW THE ARCHITECTURAL PLANS AND DETERMINE THE LOCATIONS OF ALL FIRE AND SMOKE PARTITIONS, BARRIERS, AND WALLS. THIS INCLUDES FLOOR RATINGS. PRICING SHALL INCLUDE ALL MATERIALS AND LABOR REQUIRED TO MAINTAIN THE RATINGS OF ALL RATED SEPARATIONS, WHETHER SHOWN ON THE ENGINEERING PLANS OR NOT.



1 YARD CLEANOUT
NO SCALE



2 VALVE BOX DETAIL
NO SCALE

SYMBOL LIST - PLUMBING SYSTEMS

SYMBOL	DESCRIPTION
CW	COLD WATER - POTABLE
SAN	SANITARY DRAINAGE

PLUMBING ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BT	BATHTUB
CB	CATCH BASIN
CI	CAST IRON
CO	CLEANOUT
CS	CLINICAL SINK
DB	DIALYSIS BOX
DF	DRINKING FOUNTAIN
DI	DUCTILE IRON
DN	DOWN
E	EXISTING
EE	EMERGENCY EYEWASH
ES	EMERGENCY SHOWER
ESE	EMERGENCY SHOWER/EYEWASH
EWC	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FM	FLOW METER
FS	FLOOR SINK
GD	GARBAGE DISPOSER
GI	GREASE INTERCEPTOR
HB	HOSE BIBB
I.E.	INVERT ELEVATION (FOR REFERENCE ONLY)
L or LAV	LAVATORY
MB	MOP BASIN
MH	MANHOLE
MV	MIXING VALVE
NIC	NOT IN CONTRACT
NT	NEUTRALIZATION TANK
OS	OIL SEPARATOR
RD	ROOF DRAIN
SCCR	SHORT CIRCUIT CURRENT RATING
SH	SHOWER
SK	SINK
SS	SERVICE SINK
TD	TRENCH DRAIN
TP	TRAP PRIMER
TYP	TYPICAL
UR	URINAL
VTR	VENT THROUGH ROOF
WC	WATER CLOSET
WCO	WALL CLEANOUT
WF	WASH FOUNTAIN
WH	WATER HEATER
WMF	WASHING MACHINE FIXTURE
WM	WATER METER
WS	WATER SOFTENER
UB	UTILITY BOX
UON	UNLESS OTHERWISE NOTED
YCO	YARD CLEANOUT

PLUMBING MATERIALS SPECIFICATIONS

TYPE of MATERIAL	SIZE	SUSPEN. DRAINS & STACKS	SUSPEN. VENTS & STACKS	SUSPEN. DOM. WTR. DISTRIBUTION	BURIED DOM. WTR. SERVICE	BURIED BLDG. SEWER
ASTM B 88 TYPE K	1".				●	
ASTM B 88 TYPE L	1/2" - 1" dia.			●		
ASTM D 2665 PVC SCHEDULE 40, SOCKET FITTINGS	2" dia.					●
ASTM 888 CAST IRON, NO HUB SYSTEM	2" dia.	●	●			

PIPE INSULATION SCHEDULE (PLUMBING)

GENERAL NOTES:
1. REFER TO THE SPECIFICATIONS FOR TYPE DESCRIPTIONS AND JACKETING REQUIREMENTS.

SYMBOL	PIPE SYSTEM	INSULATION TYPE	INSULATION THICKNESS PER NOMINAL PIPE OR TUBE SIZE					NOTES
			< 1"	1" TO < 1.5"	1.5" TO < 4"	4" TO < 8"	≥ 8"	
22 PLUMBING - WATER								
CW	COLD WATER - POTABLE	REFER TO SPECIFICATION	1/2"	1/2"	1"	1"	1"	

CALIFORNIA DSA MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENT ANCHORAGE NOTES:

1. EQUIPMENT ANCHORAGE NOTE:
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC, SECTION 1617A.18 THROUGH 1617A.1.26 AND ASCE 7-22 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 CONNECTION 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 MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

   THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

   A. COMPONENTS 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 STRUCTURAL ENGINEER OF RECORD AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

2. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS BRACING NOTE.

   PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-22 SECTION 13.3 AS DEFINED INS ASCE 7-22 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2025 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 GUIDE (E.G. HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

   MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP)M ELECTRICAL DISTRIBUTION SYSTEMS (E):

PLUMBING SLOPE REQUIREMENTS:

BASED ON PLUMBING CODE: CPC-2025

INTERIOR:	
SANITARY WASTE:	1/4" PER FOOT
GREASE WASTE:	1/4" PER FOOT
STORM (GRAVITY):	1/8" PER FOOT
CONDENSATE AND INDIRECT DRAINAGE:	1/8" PER FOOT
SANITARY AND GREASE VENT:	NO SPECIFIC PITCH, PITCH TO FIXTURES
DOMESTIC WATER:	NO SPECIFIC PITCH, PITCH TO FIXTURES

PLUMBING MATERIAL LIST

TAG NAME	DESCRIPTION	MANUFACTURER AND MODEL
YCO-1	YARD CLEANOUT - ROUND, DURA-COATED CAST IRON, SIZE AS LISTED ON DRAWINGS, DOUBLE FLANGED HOUSING, HEAVY DUTY SECURED SCORIATED DURA-COATED CAST IRON COVER, LIFTING DEVICE, BRONZE CLEANOUT PLUG WITH GAS/WATER-TIGHT SEAL.	ZURN (Z1474), SMITH (4261), WADE (8401), JOSAM (58680), WATTS (CO-300-MF), MIFAB (C1300-MF), SIOUX CHIEF (850-9I WITH 853-F)

PLUMBING GENERAL NOTES:

1. THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR FULLY OPERATIONAL SYSTEMS, WHETHER SPECIFIED OR NOT.
2. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE, BUT ARE GIVEN AS AN AID TO THE CONTRACTOR AND TO INDICATE THE QUALITY REQUIRED. CONTRACTOR IS RESPONSIBLE FOR A COMPLETE DESCRIPTION OF MATERIAL ON THESE DRAWINGS AND IN THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL TAKES PRECEDENCE OVER THE CATALOG NUMBER. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN.
3. CONTRACTOR SHALL VERIFY THAT FIXTURES SUPPLIED ARE APPROVED PER ALL APPLICABLE STATE, LOCAL AND GOVERNING AUTHORITIES.
4. ALL FIXTURES SHALL CONFORM TO FEDERAL ACT S.3874
5. INVERT ELEVATIONS ARE FROM EXISTING DRAWINGS AND MAY NOT BE ACCURATE. VERIFY ALL ELEVATIONS BEFORE BEGINNING WORK.
6. VERIFY UNDERGROUND PIPE SIZES, INVERT ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING ANY WORK.
7. REFER TO THE PLUMBING ROUGH-IN SCHEDULE FOR THE SIZES OF BRANCH PIPES TO PLUMBING FIXTURES.
8. FOR CLARITY, NOT ALL VALVES HAVE BEEN SHOWN. PROVIDE SHUTOFF VALVES IN DOMESTIC WATER PIPING SERVING EACH ROOM WITH FIXTURES. ANGLE STOPS SHALL NOT BE CONSIDERED SHUTOFF VALVES.
9. EXISTING CONDITIONS ON DEMOLITION PLANS ARE PROVIDED TO INDICATE THE GENERAL SCOPE OF ITEMS TO BE REMOVED.
10. P.C. SHALL CUT AND PATCH EXISTING AS REQUIRED FOR NEW OR DEMOLITION WORK UNLESS NOTED OTHERWISE.

MECHANICAL GENERAL NOTES:

THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO FIRE PROTECTION, PLUMBING, AND PIPING.

1. DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF DUCTWORK, PIPING, EQUIPMENT, ETC., AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHERS WILL PERMIT.
2. CATALOG AND MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE, BUT ARE GIVEN AS AN AID TO THE CONTRACTOR AND TO INDICATE THE QUALITY REQUIRED. CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE DESCRIPTION OF MATERIAL SCHEDULED ON THESE DRAWINGS AND IN THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL AND SCHEDULED PERFORMANCE TAKES PRECEDENCE OVER THE MODEL NUMBER. THE FIRST MANUFACTURER SCHEDULED IS THE BASIS OF DESIGN.
3. DETERMINATION OF QUANTITIES OF MATERIAL AND EQUIPMENT REQUIRED SHALL BE MADE BY THE CONTRACTOR FROM THE DOCUMENTS. WHERE MATERIAL AND/OR QUANTITY DISCREPANCIES ARISE BETWEEN DRAWINGS, SCHEDULES AND/OR SPECIFICATIONS, THE HIGHER QUALITY/ GREATER NUMBER SHALL GOVERN.
4. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS OR PHYSICALLY AT SITE. REVIEW ALL DRAWINGS, INCLUDING THOSE OF OTHER TRADES.
5. COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, CODE COMPLIANCE, AND TO VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH FABRICATION OR EQUIPMENT ORDERS.
6. REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER ACCESS.
7. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COST OR EXPENSE TO OTHERS.
8. EACH CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIO/VISUAL, AND OTHER MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
10. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
11. IN AREAS WITH DRYWALL CEILINGS COORDINATE LOCATIONS OF ACCESS PANELS WITH THE GC FOR ACCESS TO VALVES, DUCTWORK ACCESSORIES, DAMPERS, ETC. COORDINATE PANEL TYPE AND COLOR WITH ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS PANELS PRIOR TO BIDDING.
12. SEAL ALL FLOOR, WALL, AND ROOF PENETRATIONS AIRTIGHT WHERE CONDUITS, PIPING, AND DUCTS PENETRATE. PENETRATIONS THROUGH EXTERIOR WALLS AND ROOF SHALL BE SEALED AIRTIGHT WITH WATERPROOFING MATERIALS RECOMMENDED BY MANUFACTURER FOR OUTDOOR USE.
13. CAULK ALL PIPE AND DUCT PENETRATIONS OF FULL HEIGHT NON-FIRE RATED WALL, PARTITION, FLOOR, AND ROOF ASSEMBLIES. THIS IS ESSENTIAL TO PREVENT NOISE TRANSMISSION FROM ONE ROOM TO ANOTHER AND TO PROVIDE THE DESIRED NC LEVELS WITHIN ROOMS.
14. WHERE PIPES AND DUCTS ARE SHOWN TO PENETRATE FLOORS, PROVIDE SLEEVED OPENINGS WITH THE TOP EDGE RAISED ABOVE FLOOR SURFACE IN ACCORDANCE WITH ALL RELEVANT SPEC SECTIONS. SEAL SLEEVE PERIMETER TO BE WATERTIGHT.
15. EQUIPMENT SIZES AND SERVICE CLEARANCE REQUIREMENTS VARY AMONG DIFFERENT MANUFACTURERS. CONSULT APPROVED SHOP DRAWINGS FOR EQUIPMENT SIZES AND REQUIRED SERVICE CLEARANCES. COORDINATE WITH LAYOUT OF EQUIPMENT PADS, PIPING, DUCTWORK, ETC.
16. DO NOT BLOCK TUBE PULL OR EQUIPMENT SERVICE CLEARANCES.
17. MAINTAIN A MINIMUM WORKING CLEARANCE OF 3'-6" IN FRONT OF ALL ELECTRICAL EQUIPMENT REQUIRING MAINTENANCE, INSPECTION, AND TESTING INCLUDING BUT NOT LIMITED TO PANELS, DISTRIBUTION PANELS, SWITCHBOARDS, MOTOR CONTROL CENTERS, TRANSFORMERS, EQUIPMENT DISCONNECTS AND STARTERS.
18. MAINTAIN THE DEDICATED ELECTRICAL EQUIPMENT SPACE DEFINED BY THE WIDTH / DEPTH OF ELECTRICAL EQUIPMENT MEASURED FROM THE FLOOR TO A HEIGHT 6'-0" ABOVE THE EQUIPMENT OR THE STRUCTURAL CEILING, WHICHEVER IS LOWER. SYSTEMS FOREIGN TO THE ELECTRICAL DISTRIBUTION SYSTEM ARE NOT ALLOWED IN THE DEDICATED ELECTRICAL SPACE INCLUDING: DUCTWORK, PIPING, ETC.
19. PROVIDE CONCRETE EQUIPMENT PADS FOR ALL FLOOR-MOUNTED EQUIPMENT. PADS SHALL EXTEND A MINIMUM OF 6 INCHES BEYOND ALL SIDES OF EQUIPMENT, UNLESS SUCH EXTENSION WOULD ENCROACH ON REQUIRED WORKING CLEARANCES AT CONTROL PANELS OR ELECTRICAL EQUIPMENT. PROVIDE 1/2-INCH CHAMFER (45-DEGREE) OR 1/2-INCH RADIUS AT ALL HORIZONTAL EDGES.
20. DO NOT EXCEED 25 LBS PER HANGER AND A MINIMUM SPACING OF 2'-0" ON CENTER WHEN ATTACHING TO METAL ROOF DECKING (LIMITATION NOT REQUIRED WITH CONCRETE ON METAL DECK). THIS 25 LBS. LOAD AND 2'-0" SPACING INCLUDE ADJACENT ELECTRICAL AND ARCHITECTURAL ITEMS HANGING FROM DECK. IF THE HANGER RESTRICTIONS CANNOT BE ACHIEVED, SUPPLEMENTAL FRAMING OFF STEEL FRAMING SHALL BE ADDED. ANCHORS EMBEDDED IN CONCRETE SHALL BE CRACKED CONCRETE APPROVED IN ACCORDANCE WITH SPECIFICATIONS.

PLUMBING SHEET INDEX

P0.00	PLUMBING COVERSHEET
P1.00	SITE DEMOLITION PLAN - GENEVIEVE DIDION -PLUMBING
P2.00	SITE PLAN - PLUMBING NEW CONSTRUCTION
GRAND TOTAL: 3	

AGENCY APPROVAL:

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REGISTERED PROFESSIONAL ENGINEER
JUSTIN R. JUDY
M33229
EXP. 9-30-27
MECHANICAL
STATE OF CALIFORNIA
05/01/2026

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
PLUMBING COVERSHEET

CONSTRUCTION DOCUMENTS

DATE: **5/1/2026** CLIENT PROJ NO:

SHEET:
P0.00

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1 SITE DEMOLITION PLAN - GENEVIEVE DIDION - PLUMBING

1" = 20'-0"

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REGISTERED PROFESSIONAL ENGINEER JUSTIN R. JUDY M33229 EXP. 9-30-27 MECHANICAL STATE OF CALIFORNIA

05/01/2026

FACILITY:

ABRAHAM LINCOLN ELEMENTARY

3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

SITE DEMOLITION PLAN - GENEVIEVE DIDION -PLUMBING

CONSTRUCTION DOCUMENTS

DATE: 5/1/2026	CLIENT PROJ NO:

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THE LINE SHOWN ABOVE IS EXACTLY ONE INCH (1") LONG ON ORIGINAL 24X36 SHEETS. IF NOT, ADJUST SCALE ACCORDINGLY.

EXISTING SINK / BOTTLE FILLER TO REMAIN AS IS. CONTRACTOR TO CONNECT NEW WATER AND SANITARY LINES TO EXISTING SINK. TYPICAL FOR BOTH PORTABLE UNITS.



NORTH

1 SITE PLAN - PLUMBING NEW CONSTRUCTION

1" = 20'-0"

SHEET NOTES:

1. ALL EXISTING PLUMBING SYSTEMS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK. ANY ISSUES SHALL BE COMMUNCIATED TO THE ARCHITECT AND ENGINEER FOR RESOLUTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY MODIFICATIONS TO THE EXISTING SYSTEMS AS INDICATED ON THESE DRAWINGS OR ANY OTHER MODIFICATIONS IDENTIFIED BY THE CONTRACTOR AS BEING NECESSARY TO COMPLETE THIS WORK. THE WORK SHALL BE SHOWN ON SHOP DRAWINGS AND SUBMITTED BY THE CONTRACTOR FOR REVIEW AND APPROVAL BEFORE START OF WORK. ANY EXISTING SYSTEM THAT MUST BE REMOVED AND REINSTALLED SHALL BE LEFT IN GOOD WORKING ORDER. ANY DAMAGE CAUSED BY CONTRACTOR SHALL BE REPAIRED. ALL FINAL PODs AND POCs SHALL BE DETERMINED BY THE CONTRACTOR.
2. THE EXISTING PLUMBING SYSTEMS SHALL BE TESTED PRIOR TO THE START OF WORK TO DETERMINE EXISTING OPERATING CONDITIONS. AFTER MODIFICATIONS ARE COMPLETE THE EQUIPMENT SHALL BE RE-TESTED TO ENSURE THAT THE SYSTEM DOES NOT HAVE ANY LEAKS AND IS OPERATING PROPERLY.
3. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ALL WORK TO BE DONE. ANY OPENING OF WALLS/FLOORS/CEILINGS SHALL BE PATCHED AFTER INSTALLATION TO MATCH SURROUNDING SURFACE OR AS SPECIFIED BY THE ARCHITECTURAL DRAWINGS.
4. ALL PLUMBING FIXTURES SHALL COMPLY WITH LOCAL AND STATE REGULATIONS AND ADOPTED WATER CONSERVATION CODES AND HAVE ISOLATION VALVES.

AGENCY APPROVAL:

Sacramento City Unified School District

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REGISTERED PROFESSIONAL ENGINEER JUSTIN R. AUDETTE M33229 EXP. 9-30-27 MECHANICAL STATE OF CALIFORNIA

05/01/2026

FACILITY:

ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

SITE PLAN - PLUMBING NEW CONSTRUCTION

CONSTRUCTION DOCUMENTS

DATE: **5/1/2026**

CLIENT PROJ NO:

SHEET:

P2.00

Autodesk Docs://3186077000 SCUSD Abraham Lincoln TK Classroom Add R24/3186077000-MEPFT-LINCLN-TK-MOD -Classroom.rvt
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PLEASE RECYCLE

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS SHEETS ORIGINAL PAGE SIZE

VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

(1) — KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH
PLAN OR DETAIL NUMBER
PLAN OR DETAIL NAME
NORTH 1 **VIEW NAME**
1/8" = 1'-0"
PLAN OR DETAIL SCALE

SIM — INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS — SIM
1 — DETAIL REFERRED TO BY SECTION CUT — 1 2 3 4
M101 — SHEET DETAIL IS LOCATED ON — T101

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
- NEW
- EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
- NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN
- EXISTING (NARROW LINE PATTERN)
- EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

WORK BY OTHERS (NARROW LINE)
- WORK BY OTHERS (NARROW LINE)
- EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)

HALF-TONING DOES NOT MODIFY SCOPE.

'TAG'-(E) TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

'TAG'-(R) TAGS WITH DASH 'R' INDICATES THE REFERENCED OBJECT IS REMOVED

TAG-1 UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

FIRE / SMOKE BARRIER DESIGNATIONS

FIRE AND SMOKE SEPARATIONS ARE NOT SHOWN ON THESE DOCUMENTS. CONTRACTOR SHALL REVIEW THE ARCHITECTURAL PLANS AND DETERMINE THE LOCATIONS OF ALL FIRE AND SMOKE PARTITIONS, BARRIERS, AND WALLS. THIS INCLUDES FLOOR RATINGS. PRICING SHALL INCLUDE ALL MATERIALS AND LABOR REQUIRED TO MAINTAIN THE RATINGS OF ALL RATED SEPARATIONS, WHETHER SHOWN ON THE ENGINEERING PLANS OR NOT.

APPLICABLE CODES

CONTRACTOR SHALL COMPLY WITH APPLICABLE CODES AND LOCAL AMENDMENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

BUILDING CODE:	CBC 2025 EDITION UBC 2026
FIRE CODE:	IFC 2025 EDITION -OR- NFPA: 1 2026 EDITION
PLUMBING CODE:	CPC 2025 EDITION UPC 2026
MECHANICAL CODE:	CMC 2025 EDITION UMC 2026
ELECTRICAL CODE:	NFPA 70-CA (CEC) 2025 EDITION
LIFE SAFETY CODE:	NFPA 101 (AS REFERENCED BY AHJ)
ENERGY CONSERVATION CODE:	2025 CEC (TITLE 24, PART 6)
LOCAL BUILDING CODE:	CURRENT EDITION AS ADOPTED BY AHJ

CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIO/VISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
N.C.C.	NURSE CALL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR

RECEPTACLE SUBSCRIPT KEY:

DEVICE KEY:

DEVICE # = MOUNTING (IF APPLICABLE)
1 = CIRCUIT NUMBER

*IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: A / 1

ELECTRICAL MOUNTING SUBSCRIPT KEY:

A	MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH
C	MOUNT AT CEILING (DEVICE OR ROUGH-IN CONTEXT)
H	MOUNT ORIENTED HORIZONTALLY
L	MOUNT IN CASEWORK
M	MOUNT IN MODULAR FURNITURE
R	MOUNT IN SURFACE RACEWAY
SM	SURFACE MOUNTED
WG	WIRE GUARD
+#"	MOUNT AT #" TO CENTERLINE ABOVE FINISHED FLOOR

SHADED DEVICE INDICATES DEVICE IS CONNECTED TO AN EMERGENCY CIRCUIT.

DEVICE (E)

ELECTRICAL SYMBOL LIST - POWER

SYMBOL	EQUIP ABBREV	SPEC SECTION	DESCRIPTION
	PANEL-'##'	26 24 16	PANELBOARD - SURFACE MOUNT
	SB-#	26 23 00	SWITCHBOARD

ELECTRICAL EQUIPMENT TAGS

TAG:	DESCRIPTION:	RELATED SPECIFICATION
ATS-#	AUTOMATIC TRANSFER SWITCH, REFER TO TRANSFER SWITCH SCHEDULE	26 36 00
BAT-#	BATTERY RACK	26 32 13
C-#	GENERAL PURPOSE CONTACTOR	26 28 21
CR-#	CORD REEL	26 27 26
CT-#	CABLE TRAY	26 05 36
CUP-#	CUSTOM UTILITY PEDESTAL	26 27 16
DIM-#	DC DIMMING PANEL	26 09 33
DP-#	DISTRIBUTION PANEL	26 24 16
DR-#	DIMMING RACK	26 09 33
DT-#	GENERATOR DAY TANK	26 32 13
DTR-#	TRANSFORMER - DISTRIBUTION TYPE REFER TO TRANSFORMER SCHEDULE	26 12 19 26 12 13 26 12 16 26 12 21
EVCS-#	ELECTRICAL VEHICLE CHARGING STATION	26 27 29
GCC-#	TEMP. GENERATOR/LOAD BANK CONNECTION CABINET	26 36 00
GCP-#	GENERATOR CONTROL PANEL	26 32 13
GEN-#	GENERATOR	26 32 13
GPS-#	GENERATOR PARALLELING AND DISTRIBUTION SWITCHBOARD	26 24 14 26 13 35
GANN-#	GENERATOR ANNUNCIATOR PANEL	26 32 13
HH-#	HANDHOLE	26 05 33
HT-#	HEAT TAPE	26 05 17
INV-#	LIGHTING INVERTER	26 52 00
M-#	METER DISTRIBUTION CENTER	26 20 00
MC-#	EXTERIOR MOUNTED METERING CABINET	26 20 00
MCC-#	MOTOR CONTROL CENTER, REFER TO MOTOR CONTROL SCHEDULE	26 14 19
MH-#	MANHOLE	26 05 37
MPC-#	PACKAGED POWER CENTER	26 24 23
MTS-#	MANUAL TRANSFER SWITCH, REFER TO TRANSFER SWITCH SCHEDULE	26 36 00
MVSG-#	MEDIUM VOLTAGE SWITCHGEAR	26 13 13 26 13 34
MX-#	MANUAL SWITCH, REFER TO DISCONNECT AND STARTER SCHEDULE	26 24 19
PDU-#	POWER DISTRIBUTION UNIT	26 26 00
PS-#	PAD-MOUNT MEDIUM VOLTAGE SWITCH	26 13 15
R-#	RELAY	26 09 39
RA-ATS-#	REMOTE ANNUNCIATOR FOR ATS	26 36 00
RFFS-#	REMOTE FUEL FILL STATION	26 32 13
SB-#	SWITCHBOARD	26 24 13
SC-#	SECTIONALIZING CABINET	26 13 14
SG-#	SWITCHGEAR	26 23 00
SMP-#	SNOW MELT CONTROL PANEL	26 05 17
SMS-#	PAVEMENT MOUNTED DEICING CONTROLLER	26 05 17
SPD-#	SURGE PROTECTION DEVICE	26 43 00
UD-#	UNDERFLOOR DUCT - TRENCH DUCT - CELLULAR FLOOR DUCT	26 05 38
UPS-#	UNINTERRUPTIBLE POWER SUPPLY	26 33 53
US-#	UNIT SUBSTATION	26 11 00
VFD-#	VARIABLE FREQUENCY DRIVE - REFER TO VFD SCHEDULE	26 29 23
WD-#	WALL DUCT	26 05 38

MATRIX OF RESPONSIBILITY NOTES

Key Name	SUGGESTED MATRIX NOTES
1.	LOCATIONS OF TELECOMMUNICATIONS ROUGH-INS SHALL BE INDICATED BY THE INFORMATION OUTLET SYMBOLS ON THE DRAWINGS. REFER TO THE TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION.
2.	BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.
3.	INCLUDES BACKBOXES AND CONDUIT REQUIRED FOR THE TECHNOLOGY SYSTEMS INSTALLATION. THE E.C. SHALL BASE THE BID ON THE BASIS OF DESIGN SHOWN ON THE CONTRACT DOCUMENTS.
4.	ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF THE T.C.'S SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER OR FROM SYSTEM CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN.
5.	UNLESS TRADE RULES DICTATE OTHERWISE.
6.	FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.
7.	INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE BONDING SYSTEM REQUIRED BY THE SPECIFICATIONS.
8.	REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE TECHNOLOGY BONDING RISER DIAGRAM AND TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM.

ELECTRICAL ABBREVIATION KEY

ABBR:	DESCRIPTION:
ABV	ABOVE
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ASR	ARCHITECTURAL SURFACE RACEWAY
BC	BELOW COUNTER
C	CONDUIT (BRANCH CIRCUIT OR FEEDER CONTEXT)
CO	CONDUIT AND BOX ROUGH-IN ONLY (ROUGH-IN ONLY)
EG	EQUIPMENT GROUND
EGC	EQUIPMENT GROUNDING CONDUCTOR
EOL	END OF LINE
EPO	EMERGENCY POWER OFF
GFR	GROUND FAULT REMOTE
HOA	HAND/OFF/AUTO
ITR	IT RACK MOUNTED RECEPTACLE
NC	NORMALLY CLOSED
NEMA #	NEMA RATING
NIC	NOT IN CONTRACTED SCOPE
NO	NORMALLY OPEN
ROOF	EQUIPMENT LOCATED ON ROOF ABOVE
SM	SURFACE MOUNTED
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED

CONDUIT INSTALLATION SCHEDULE

THE FOLLOWING SCHEDULE SHALL BE ADHERED TO UNLESS THEY CONSTITUTE A VIOLATION OF APPLICABLE CODES OR ARE NOTED OTHERWISE ON THE DRAWINGS. THE INSTALLATION OF RMC CONDUIT WILL BE PERMITTED IN PLACE OF ALL CONDUIT SPECIFIED IN THIS SCHEDULE. REFER TO CONDUIT AND BOXES SPECIFICATION 26 05 33 FOR ADDITIONAL INFORMATION.

INSTALLATION TYPE	RMC	IMC	EMT	PVC	PVC CONCRETE ENCASED	RTRC	PVC COATED RMC	HDPE	ASR
FEEDERS: SWITCHBOARDS, DISTRIBUTION PANELS, PANELBOARDS, MOTOR CONTROL CENTERS, ETC.		X	X						
BRANCH CIRCUITS: LIGHTING, RECEPTACLES, CONTROLS, ETC.		X	X						
MECHANICAL EQUIPMENT FEEDERS: PUMPS, CHILLERS, AIR HANDLING UNITS, ETC.		X	X						
FLOOR MOUNTED EQUIPMENT FEEDERS: PUMPS, ETC. (INCLUDE NO MORE THAN 6 FEET OF LFMC TO PUMP)		X	X						
CONTROLS (LIGHTING, POWER, BUILDING AUTOMATION, ETC.)		X	X						
WET AND DAMP LOCATIONS: (CONDUIT, BOXES, FITTINGS, INSTALLED AND EQUIPPED TO PREVENT WATER ENTRY)	X					X			
CORROSIVE LOCATIONS						X	X		
ELEVATED CONCRETE SLABS (ABOVE GRADE)	X			X					
INTERIOR LOCATIONS WITH FINISHED CEILING AND WALLS: CONCEALED IN WALLS AND ABOVE FINISHED CEILINGS			X						
INTERIOR LOCATIONS WITHOUT FINISHED CEILINGS: CONCEALED IN WALL, EXPOSED ABOVE CEILINGS		X	X						
EXISTING INTERIOR LOCATIONS WITH FINISHED CEILINGS AND WALLS: CONCEALED IN WALLS AND ABOVE FINISHED CEILING UNLESS OTHERWISE NOTED			X						X
UNDERGROUND / SLABS ON GRADE (IN OR UNDER SLABS ON GRADE)									
WITHIN THE PERIMETER OF THE BUILDING, UNDER SLAB ON GRADE	X			X					
WITHIN 5' OF ANY BUILDING WALL OR FOUNDATION WHEN PENETRATING THE STRUCTURAL FOUNDATION OR WALL	X				X	X			
UNDERGROUND SITE CONDUITS:									
WITHIN 5' FROM THE PERIMETER OF A BUILDING FOUNDATION	X				X	X			
5' OR GREATER FROM THE PERIMETER OF A BUILDING FOUNDATION	X			X		X			
UNDER ROADS, DRIVES, AND VEHICLE TRAVELED WAYS. WHEN HDPE DIRECTIONAL BORING IS ALLOWED: PROVIDE PRESSURIZED GROUT				X	X		X	X	
DUCTBANKS (REFER TO DUCTBANK DETAILS WHEN APPLICABLE)									
REINFORCING SHALL CONSIST OF ONE-HALF INCH DEFORMED BARS SPACED 12 INCHES ON CENTER, PARALLELING THE DUCTS ON BOTTOM, WITH ONE-HALF INCH DEFORMED TIE BARS SPACED TWELVE INCHES ON CENTERS.					X	?			
BARS SHALL OVERLAP 40 DIAMETERS AND SHALL EXTEND 5' BEYOND ROADS, DRIVES, TRAVELED WAYS, ETC.					X	?			
PROVIDE MINIMUM 3" CONCRETE COVER ON ALL SIDES OF REINFORCING.					X	?			
ENTIRE DUCTBANK SHALL BE INSTALLED ON PRECAST CONCRETE PAVERS ON 3' CENTERS.					X	?			
HAZARDOUS (CLASSIFIED LOCATIONS AS DEFIED BY THE NATIONAL ELECTRICAL CODE: COMPLETE WITH SCREWED FITTINGS AND CONDUIT SEALS	X								
FIRE RATED ASSEMBLIES: FIRE RATED ASSEMBLIES LISTED WITH PHENOLIC RTRC RACEWAY						X			
DEFINITIONS:									
CONCRETE ENCASEMENT: CONDUIT WITH A MINIMUM OF 3" THICKNESS BETWEEN THE SURFACE OF THE CONCRETE AND THE NEAREST CONDUIT. CONCRETE TO BE DOWELED INTO THE FOUNDATION.									

ELECTRICAL RENOVATION NOTES:

THESE NOTES APPLY TO ALL ELECTRICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, LIGHTING, POWER, FIRE ALARM, AND OTHER LOW VOLTAGE SYSTEMS.

1. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS AND REPORT CONFLICTS.
2. NOT ALL EXISTING EQUIPMENT, LUMINAIRES, AND CONDUIT ARE SHOWN. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS AND REPORT CONFLICTS.
3. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS PRIOR TO FABRICATION OF CABLE TRAY, BUSWAY, CONDUIT RACKS, AND OTHER SYSTEMS. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
4. ELECTRICAL CONTRACTOR SHALL REVIEW EXISTING CONDITIONS TO VERIFY ACCESSIBILITY TO THE AREAS OF THEIR WORK INCLUDING WALLS, FLOOR, CEILINGS, CEILING TILES/GRID, AND ROOF. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE CUTTING, REMOVAL, PATCHING, AND REINSTALLATION OF AFFECTED AREAS ASSOCIATED WITH THEIR WORK BY COORDINATING WITH THE GENERAL CONTRACTOR OR QUALIFIED CONTRACTOR.
5. WHERE EXISTING ELECTRICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, CONDUIT, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING ELECTRICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.

EQUIPMENT ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	AUTOMATIC DOOR OPERATOR WITH SENSOR
ATM	AUTOMATIC TELLER MACHINE
COF	COFFEE
COPY	COPIER
DB	DOOR BELL
DISP	GARBAGE DISPOSAL
DLVL	DOCK LEVELER
DOOR	DOOR OPERATOR, ELECTRIC
DRY	DRYER, CLOTHS
DW	DISHWASHER
ELEV	ELEVATOR
ELVC	ELEVATOR CAB CONNECTION
ELVD	ELEVATOR AUDIO VISUAL DATA SYSTEM
EPT	ELECTRONIC PAPER TOWEL DISPENSER (NON-BATTERY)
ESP	ESPRESSO MACHINE
EWC	ELECTRIC WATER COOLER
EWCC	ELECTRIC WATER COOLER CONDENSER
FAN	CEILING FAN
FDO	FIRE DOOR OPERATOR
FFE	OWNER FURNISHED FIXTURES, FURNITURE, AND EQUIPMENT
FURN	OWNER FURNITURE
HD	HAND DRYER
HOOD	KITCHEN EXHAUST HOOD
ICE	ICE MACHINE
MS	MOTORIZED SHADE
MW	MICROWAVE
OHD	OVERHEAD DOOR
OVEN	OVEN, WALL
PFR	PLUMB FIXTURE RECEPT FOR LV VALVE POWER
PP	PUSH PAD AUTOMATIC DOOR OPERATOR (REFER TO ARCHITECTURAL PLANS FOR FINAL LOCATION)
PW	POWER WASHER SPECIAL RECEPTACLE
RANGE	ELECTRICAL COOKTOP RANGE
REF	REFRIGERATOR
SIGN	DEDICATED SIGNAGE CIRCUIT
SINK	SCRUB SINK
STOVE	RANGE / OVEN APPLIANCE
TCP	TEMPERATURE CONTROLS PANEL
TRSH	TRASH COMPACTOR
TV	TELEVISION - MONITOR - DISPLAY
UCF	UNDERCOUNTER FREEZER
UCM	UNDERCOUNTER MICROWAVE
UCR	UNDERCOUNTER REFRIGERATOR
VEND	VENDING MACHINE

ELECTRICAL INSTALLATION NOTES:

1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE CALIFORNIA ACCESSIBILITY CODE REQUIREMENTS. REFER TO THE ARCHITECTURAL DRAWINGS ACCESSIBILITY STANDARDS.
2. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.
3. EMERGENCY, LEGALLY REQUIRED, OPTIONAL STANDBY LIFE SAFETY, CRITICAL, EQUIPMENT BRANCH WIRING FOR FEEDERS AND BRANCH CIRCUITS SHALL BE ROUTED IN SEPARATE RACEWAY, JUNCTION BOXES, PULL BOXES, AND CABINETS. WIRING FOR EACH BRANCH SHALL BE INDEPENDENT FROM OTHER BRANCHES, INCLUDING THE NORMAL BRANCH.
4. FLUSH MOUNT ALL LIGHTING CONTROL DEVICES AT +42" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED.
5. FLUSH MOUNT ALL DUPLEX RECEPTACLES AND TECHNOLOGY OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. RECEPTACLES AND OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED. MOUNT EXTERIOR LOCATED RECEPTACLES WITH WHILE-IN-USE COVERS AT +20" FROM FINISHED GRADE (CENTER DIMENSIONS) TO MAINTAIN INSTALLATION ADA COMPLIANCE.
6. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO DIVISION 7, 26 05 03, 27 05 03 AND 28 05 03 FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
7. CONNECTION FOR ELECTRIC WATER COOLERS (EWC) SHALL BE A JUNCTION BOX CONCEALED BEHIND WATER COOLER ACCESS PLATE OR BE A GFI RECEPTACLE LOCATED DIRECTLY BELOW AND CENTERED ON EWC. CONTRACTOR SHALL VERIFY TYPE OF EWC TO BE INSTALLED.
8. MOUNT ALL FIRE ALARM PULL STATIONS AT +42" FROM FLOOR (CENTERLINE DIMENSION) EXCEPT WHERE OTHERWISE NOTED.
9. INSTALL ALL WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90" ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE NOTED. HEIGHT SHALL BE MEASURED TO THE TOP OF THE DEVICE.
10. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING MOUNTED DEVICES AND EQUIPMENT WITH LUMINAIRES, SPRINKLER, AND CEILING DIFFUSERS. CENTER ALL DEVICES IN CEILING TILE PATTERN. SMOKE DETECTORS,CARBON MONOXIDE DETECTORS, AND OCCUPANCY/VACANCY SENSORS SHALL BE LOCATED NO CLOSER THAN 3 FEET TO AN AIR SUPPLY DIFFUSER OR RETURN GRILLE. CARBON MONOXIDE DETECTORS SHALL BE LOCATED 10 PLUS FT FROM FIRE PLACES, COOKING, AND SIMILAR FUEL-BURNING APPLIANCES.
11. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION, THIS CONTRACTOR SHALL ADJUST RECEPTACLES, OUTLETS, OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
12. ELECTRICAL AND TECHNOLOGY EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF, OPERATION OF, AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT, ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
14. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
15. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIO/VISUAL, AND OTHER ELECTRICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
16. ELECTRICAL IDENTIFICATION. REFER TO SPECIFICATION SECTION 26 05 53 FOR COLOR/LABEL REQUIREMENTS FOR CONDUIT, BOX, CABLE/WIRE, AND EQUIPMENT.

CALIFORNIA DSA MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENT ANCHORAGE NOTES:

1. EQUIPMENT ANCHORAGE NOTE:
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC, SECTION 1617A.18 THROUGH 1617A.1.26 AND ASCE 7-22 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 CONNECTION 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 MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

   THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

   A. COMPONENTS 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 STRUCTURAL ENGINEER OF RECORD AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

2. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS BRACING NOTE.

   PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-22 SECTION 13.3 AS DEFINED INS ASCE 7-22 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2025 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 GUIDE (E.G. HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

   MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP)M ELECTRICAL DISTRIBUTION SYSTEMS (E):

SCOPE OF WORK NOTES:

1. ELECTRICAL SERVICE ENTRANCE, UTILITY METERING, AND GROUNDING ELECTRODE SYSTEM
2. LIGHTING AND LIGHTING CONTROLS
3. ELECTRICAL POWER DISTRIBUTION SYSTEM
4. BRANCH ELECTRICAL POWER SYSTEM INCLUDING WIRING DEVICES, EQUIPMENT POWER, STARTERS, AND DISCONNECTS
5. FIRE ALARM AND AUTOMATIC DETECTION SYSTEM
6. GROUNDING AND BONDING SYSTEM
7. DEMOLITION, DISCONNECT, AND REMOVAL OF EXISTING EQUIPMENT
8. LIGHTNING PROTECTION SYSTEM

ELECTRICAL SHEET INDEX

E0.00	ELECTRICAL COVERSHEET
E1.00	SITE DEMOLITION PLAN - GENEVIEVE DIDION - ELECTRICAL
E2.00	SITE PLAN - ELECTRICAL NEW CONSTRUCTION
E2.01	SITE PLAN - EGRESS PHOTOMETRIC
E2.10	FLOOR PLAN - ELECTRICAL NEW CONSTRUCTION
E4.00	ELECTRICAL DETAILS
E5.00	ELECTRICAL DIAGRAMS
GRAND TOTAL: 7	

AGENCY APPROVAL:

Sacramento City Unified School District

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STATE OF CALIFORNIA
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05/11/2026

FACILITY:

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3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

ELECTRICAL COVERSHEET

CONSTRUCTION DOCUMENTS

DATE: **08/02/13** CLIENT PROJ NO:

SHEET:

E0.00

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ELECTRICAL SCOPE OF WORK

THE ELECTRICAL SCOPE FOR THIS PROJECT INVOLVES THE RELOCATION OF TWO MODULAR BUILDINGS FROM THE DIDION CAMPUS TO THE AVE LINCOLN CAMPUS. CONTRACTOR SHALL DISCONNECT POWER, DATA, FIRE ALARM, SECURITY, AND DATA CONNECTIONS SERVING THE EXISTING MODULAR BUILDINGS AT THE CAMPUS FOR WHICH THE PORTABLES ARE TO BE REMOVED.



1 GENEVIEVE DIDION - SITE DEMOLITION PLAN - ELECTRICAL

1" = 20'-0"

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DEMOLITION KEYNOTES

1 CONTRACTOR TO DISCONNECT EXISTING FIBER FROM EXISTING BUILDINGS P7 AND P8. CONTRACTOR TO COIL EXISTING FIBER BACK TO EXISTING PULL BOX SHOWN ON PLAN. CONTRACTOR TO VERIFY ALL SITE CONDITIONS BEFORE BEGINNING SCOPE OF WORK.

2 CONTRACTOR TO DISCONNECT, AND LOCKOUT/TAGOUT EXISTING POWER FROM EXISTING P7 AND P8 BUILDINGS AND COIL EXISTING POWER LINES BACK TO CLOSEST POWER PULL BOX. CONTRACTOR TO VERIFY ALL SITE CONDITIONS BEFORE BEGINNING SCOPE WORK.

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EXP DATE: 9/30/2026
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FACILITY:

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PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

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SITE DEMOLITION PLAN - GENEVIEVE DIDION - ELECTRICAL

CONSTRUCTION DOCUMENTS

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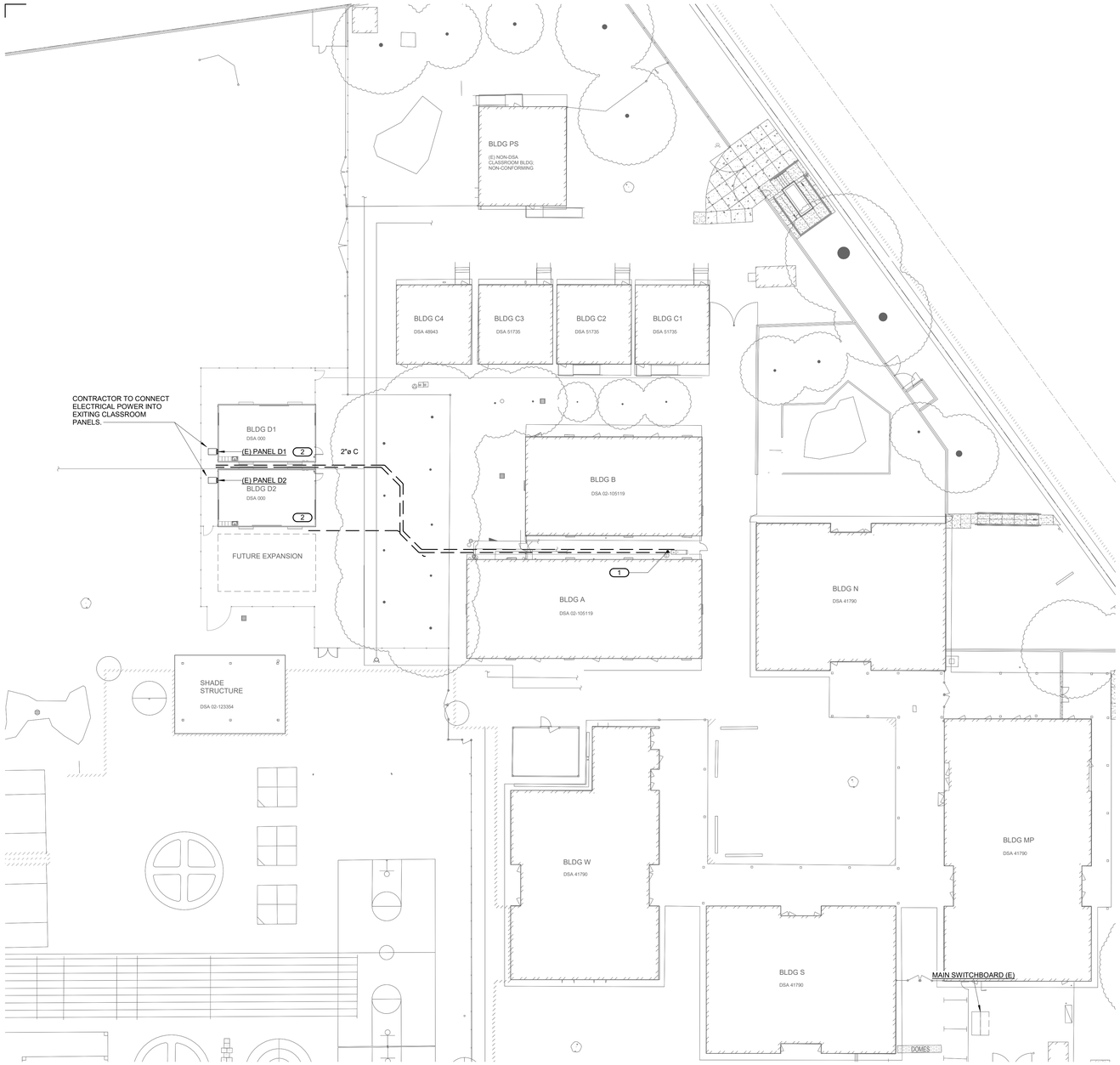
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NORTH

1 SITE PLAN - ELECTRICAL NEW CONSTRUCTION

3/64" = 1'-0"

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KEYNOTES

1 PROVIDE (4) 2" CONDUITS IN COMMON TRENCH FOR POWER AND DATA SYSTEMS. TWO (2) 2" CONDUIT SHALL BE DEDICATED FOR POWER, AND TWO (2) 2" CONDUIT SHALL BE DEDICATED FOR DATA/COMMUNICATIONS. PROVIDE PULL STRING IN EACH CONDUIT. INSTALL PER APPLICABLE CEC, PROJECT SPECIFICATIONS, AND OWNER REQUIREMENTS. REFER TO ONE-LINE DIAGRAM FOR CONDUCTOR AMOUNT AND SIZING.

2 PROVIDE FIBER OPTIC CABLING FROM EXISTING MAIN DISTRIBUTION FRAME (MDF) LOCATED IN ADMIN BUILDING TO NEW PORTABLE CLASSROOMS. TERMINATE FIBER AT BOTH ENDS IN APPROVED ENCLOSURES. CONTRACTOR SHALL PROVIDE ALL REQUIRED TERMINATION HARDWARE, PERFORM FIBER SPLICING (IF REQUIRED), AND COMPLETE PUNCH DOWN AND PROGRAMMING AT BOTH ENDS FOR A FULLY FUNCTIONAL SYSTEM. COORDINATE EXACT TERMINATION LOCATIONS WITH OWNER AND IT DEPARTMENT PRIOR TO INSTALLATION.

NOTES

1. PROVIDE NEW UNDERGROUND FEEDERS, DATA, AND FIRE ALARM RACEWAYS TO SERVE NEW PORTABLE CLASSROOMS AS INDICATED ON PLANS.
2. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING OR EXCAVATION. POTHOLE AS REQUIRED TO CONFIRM DEPTH AND ROUTING.
3. CONTACT UNDERGROUND SERVICE ALERT (USA) A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
4. INSTALL WARNING TAPE ABOVE ALL UNDERGROUND ELECTRICAL CONDUITS PER DISTRICT STANDARDS.
5. MAINTAIN REQUIRED COVER AND SEPARATION FOR ALL UNDERGROUND RACEWAYS IN ACCORDANCE WITH CEC SECTION 300.5.
6. FIRE ALARM PATHWAYS, DEVICE LOCATIONS, AND FINAL CONNECTION POINTS SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION. REFER TO FIRE ALARM SYSTEM PLANS.
7. COORDINATE FIBER OPTIC TERMINATION REQUIREMENTS WITH SCHOOL DISTRICT IT DEPARTMENT PRIOR TO INSTALLATION.
8. PROVIDE NEW PULL BOXES WHERE SHOWN AND AS REQUIRED FOR CODE-COMPLIANT CONDUIT ROUTING AND CABLE PULLING.
9. RESTORE ALL DISTURBED PAVEMENT, CONCRETE, LANDSCAPING, FENCING, AND SITE IMPROVEMENTS TO MATCH EXISTING CONDITIONS.
10. ALL TRENCHING, BACKFILL, AND COMPACTION SHALL COMPLY WITH SCHOOL DISTRICT AND AHJ REQUIREMENTS.
11. CONTRACTOR SHALL MAINTAIN CONTINUOUS OPERATION OF EXISTING CAMPUS ELECTRICAL, DATA, AND FIRE ALARM SYSTEMS DURING CONSTRUCTION.
12. ANY REQUIRED SHUTDOWNS SHALL BE SCHEDULED AND APPROVED BY THE SCHOOL DISTRICT PRIOR TO WORK.
13. EXISTING SYSTEMS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL FIELD VERIFY ALL CONNECTION POINTS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

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PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

SITE PLAN - ELECTRICAL NEW CONSTRUCTION

CONSTRUCTION DOCUMENTS

DATE: **04/14/26**

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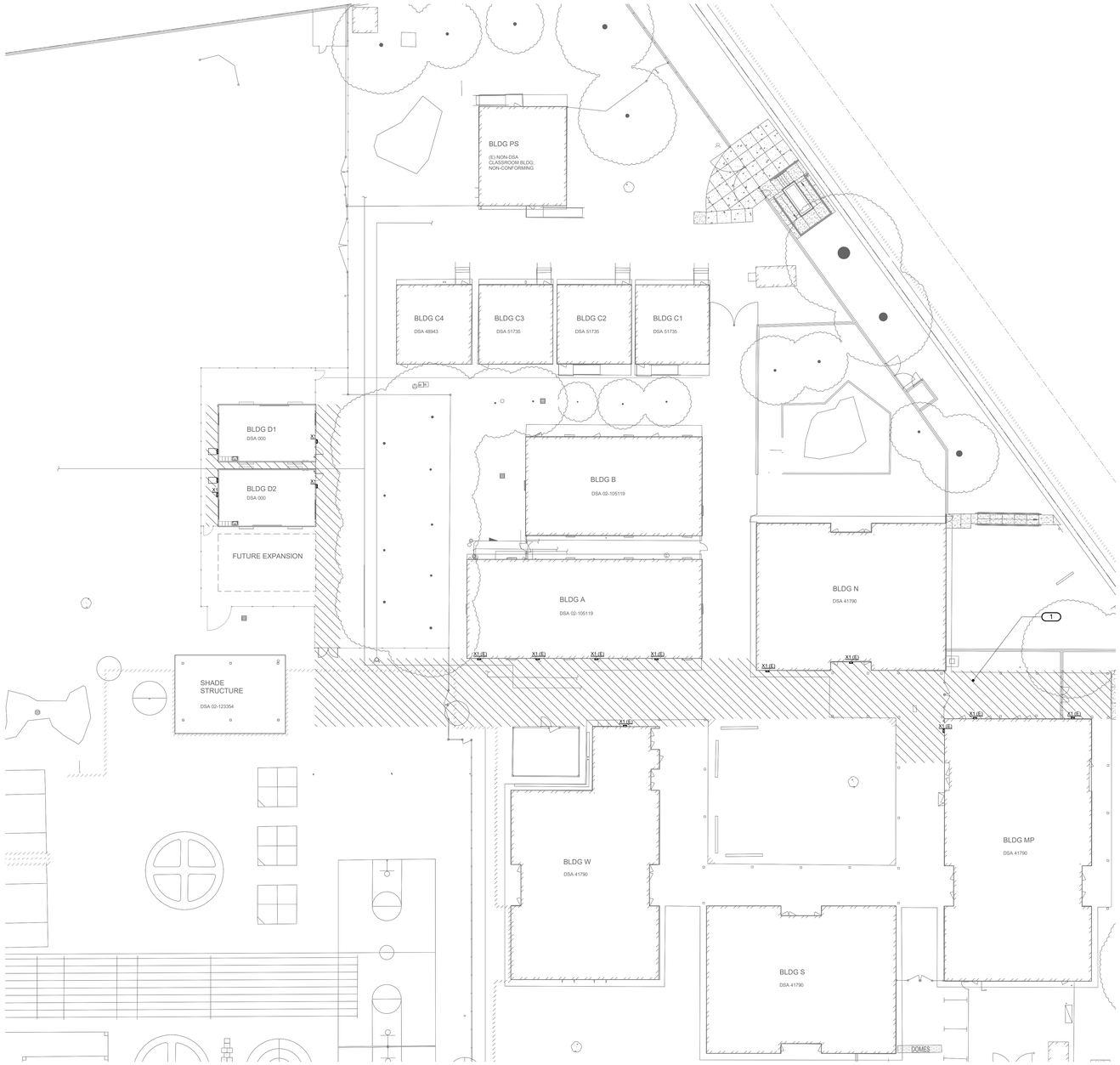
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1 SITE PLAN - ELECTRICAL NEW CONSTRUCTION PHOTOMETRIC - EGRESS

3/64" = 1'-0"

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KEYNOTES

1 NUMERICAL VALUES INSIDE THE CALCULATION ZONE INDICATE FOOTCANDLES CALCULATED AT GROUND LEVEL AMONG THE PATH OF EGRESS. CALCULATIONS WERE PERFORMED USING ASSUMED VALUES OF EXISTING TO REMAIN LIGHTING FIXTURES IN THE AREA.

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PROJECT:

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SITE PLAN - EGRESS PHOTOMETRIC

CONSTRUCTION DOCUMENTS

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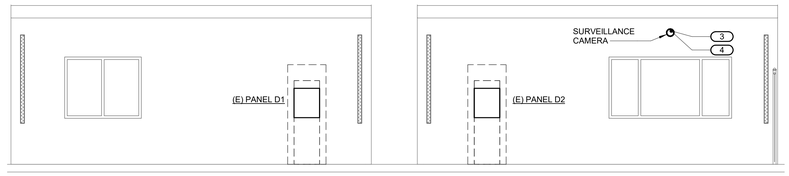
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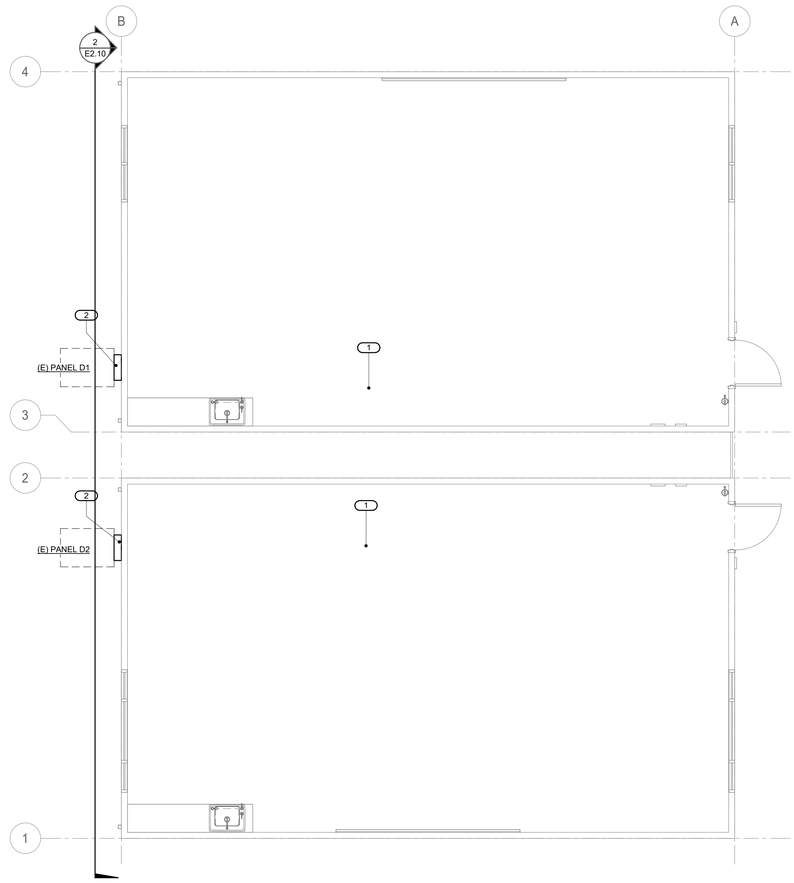
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2 ELEVATION - EXTERIOR - WEST (REAR)
1/4" = 1'-0"



1 FLOOR PLAN - POWER NEW CONSTRUCTION
1/4" = 1'-0"

NORTH

KEYNOTES
1 ALL LIGHTING, LIGHTING CONTROLS, RECEPTACLES, AND DATA DEVICES IN THE MODULAR BUILDINGS ARE EXISTING TO REMAIN. NO ADDITIONAL WORK TO THE INTERIOR OF THE MODULAR BUILDINGS IS INCLUDED IN THE SCOPE OF THIS PROJECT.

2 CONNECT PANELS SERVING THE RELOCATED MODULAR BUILDINGS BACK TO PANEL DP-1. REFER TO ONE-LINE DIAGRAM AND PANEL SCHEDULES FOR FUTHER INFORMATION.

3 NEW EXTERIOR IP SECURITY CAMERA. PROVIDE CATEGORY 6 CABLING IN CONDUIT TO NEAREST ACCESSIBLE IDF/MDF OR EXISTING CAMPUS SECURITY SYSTEM CONNECTION POINT. COORDINATE EXACT MOUNTING HEIGHT, VIEWING DIRECTION, NETWORK REQUIREMENTS, AND FINAL LOCATION WITH DISTRICT PRIOR TO INSTALLATION. PROVIDE WEATHERPROOF BACKBOX AND FITTINGS FOR EXTERIOR INSTALLATION.

4 PROVIDE 120V BRANCH CIRCUIT CONNECTION FOR SECURITY CAMERA POWER SUPPLY/POE INJECTOR AS REQUIRED BY MANUFACTURER. COORDINATE FINAL POWER REQUIREMENTS WITH SECURITY SYSTEM EQUIPMENT PROVIDED. CIRCUIT SHALL ORIGINATE FROM NEAREST ACCESSIBLE PANELBOARD AND BE INSTALLED IN CONDUIT IN ACCORDANCE WITH CEC REQUIREMENTS.

NOTES
1. PORTABLE CLASSROOMS ARE EXISTING RELOCATABLE BUILDINGS BEING REINSTALLED AT NEW SITE LOCATION. EXISTING LIGHTING FIXTURES, DEVICES, AND ELECTRICAL EQUIPMENT SHALL REMAIN UNLESS NOTED OTHERWISE.
2. EXISTING INTERIOR LIGHTING FIXTURES, SWITCHES, RECEPTACLES, HVAC CONNECTIONS, FIRE ALARM DEVICES, AND LOW VOLTAGE SYSTEMS WITHIN PORTABLE CLASSROOMS ARE EXISTING TO REMAIN AND RECONNECT.
3. CONTRACTOR SHALL FIELD VERIFY CONDITION AND OPERATION OF ALL EXISTING ELECTRICAL EQUIPMENT PRIOR TO REINSTALLATION. REPORT DAMAGED OR NONFUNCTIONAL EQUIPMENT TO OWNER PRIOR TO PROCEEDING.
4. PROVIDE RECONNECTION OF ALL EXISTING ELECTRICAL SYSTEMS REQUIRED FOR COMPLETE AND OPERATIONAL PORTABLE CLASSROOM INSTALLATION.
5. EXISTING PANELBOARDS SERVING PORTABLE CLASSROOMS SHALL BE RECONNECTED TO NEW SITE POWER SOURCE AS INDICATED ON PLANS.
6. EXISTING HVAC EQUIPMENT AND ASSOCIATED ELECTRICAL CONNECTIONS ARE EXISTING TO REMAIN AND SHALL BE RECONNECTED FOR FULL OPERATION.
7. EXISTING FIRE ALARM DEVICES SHALL BE RECONNECTED TO THE CAMPUS FIRE ALARM SYSTEM AND TESTED FOR PROPER OPERATION.
8. EXISTING DATA AND COMMUNICATION SYSTEMS SHALL BE RECONNECTED TO NEW SITE INFRASTRUCTURE AND COORDINATED WITH DISTRICT IT REQUIREMENTS.
9. ONLY NEW WORK SPECIFICALLY SHOWN ON PLANS SHALL BE INCLUDED IN THIS SCOPE. ALL OTHER EXISTING CONDITIONS SHALL REMAIN UNCHANGED.
10. CONTRACTOR SHALL VERIFY ALL EXISTING CIRCUITRY, DEVICE LOCATIONS, AND EQUIPMENT CONNECTIONS PRIOR TO CONSTRUCTION.
11. CONTRACTOR SHALL STUB UP DATA CONNECTIONS TO EXISTING MODULAR DATA PULL BOX. CONNECT DATA CONNECTIONS TO BUILDING INTERIOR.

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05/11/2026

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PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
FLOOR PLAN - ELECTRICAL NEW CONSTRUCTION

CONSTRUCTION DOCUMENTS

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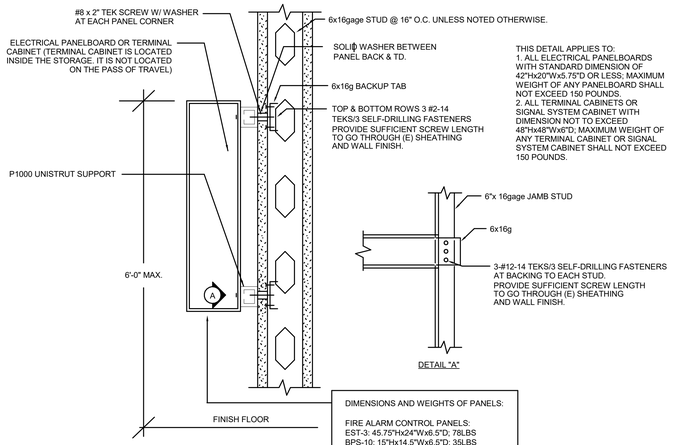
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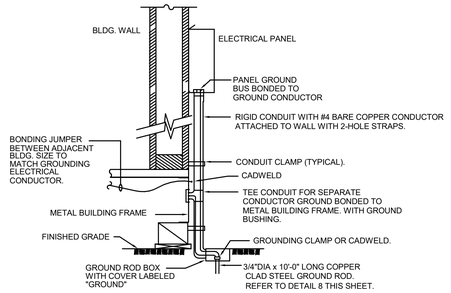
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THIS DETAIL APPLIES TO:
1. ALL ELECTRICAL PANELBOARDS WITH STANDARD DIMENSION OF 42"Hx20"Wx5.75"D OR LESS; MAXIMUM WEIGHT OF ANY PANELBOARD SHALL NOT EXCEED 150 POUNDS.
2. ALL TERMINAL CABINETS OR SIGNAL SYSTEM CABINET WITH DIMENSION NOT TO EXCEED 48"Hx48"Wx6"D; MAXIMUM WEIGHT OF ANY TERMINAL CABINET OR SIGNAL SYSTEM CABINET SHALL NOT EXCEED 150 POUNDS.

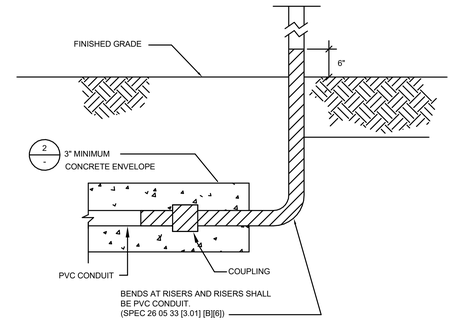
PANEL/ TERMINAL CABINET MOUNTING DETAILS | NTS | 2



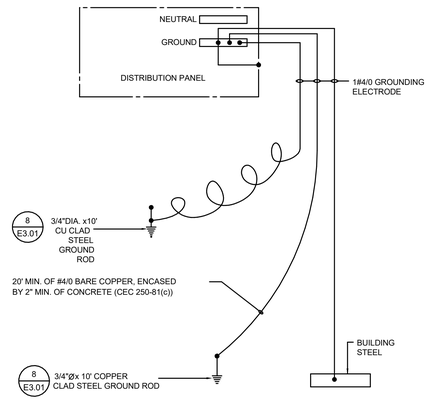
NOTES:

1. SIZE OF CONDUCTOR SHALL COMPLY WITH CEC. TABLE 250-66.
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (CEC. 250-50). IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED FOR AT LEAST 10 FT. IN SOIL IF AVAILABLE (CEC. 250-50 & 250-52).
3. ALL MODULES OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATE AT LEAST 6'-0" (CEC 250-56).
5. GROUND TEST SHALL BE WITNESSED BY PROJECT INSPECTOR, AND RECORDED FOR OWNERS MANUAL.

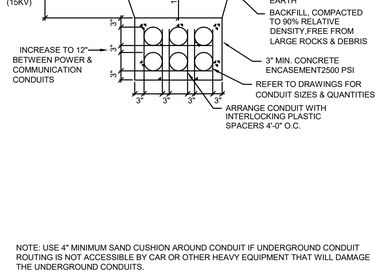
RELOCATABLE BUILDING GROUNDING DETAIL | NTS | 3



CONDUIT STUB UP DETAIL | NTS | 4

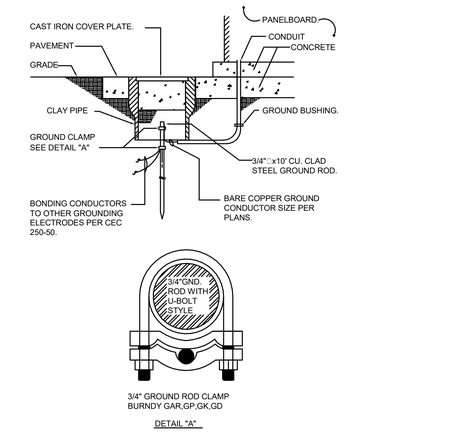


DISTRIBUTION PANEL GROUNDING DETAIL | NTS | 6



NOTE: USE 4" MINIMUM SAND CUSHION AROUND CONDUIT IF UNDERGROUND CONDUIT ROUTING IS NOT ACCESSIBLE BY CAR OR OTHER HEAVY EQUIPMENT THAT WILL DAMAGE THE UNDERGROUND CONDUITS.

UNDERGROUND CONDUIT PLACEMENT DETAIL | NTS | 7



GROUND ROD DETAIL | NTS | 8

NOT USED | NTS | 9

NOT USED | NTS | 10

NOT USED | NTS | 11

NOT USED | NTS | 12

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REGISTERED PROFESSIONAL ENGINEER — STEVEN L. GOMEZ — R17004 — ELECTRICAL — STATE OF CALIFORNIA

EXP DATE: 9/30/2026

05/11/2026

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3324 GLENMOOR DRIVE
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PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

ELECTRICAL DETAILS

CONSTRUCTION DOCUMENTS

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ELECTRICAL LOAD CAPACITY VERIFICATION

LOAD SUMMARY FOR: **EXISTING SWITCHBOARD**

BASED ON DEMAND LOAD PIN 38

ELECTRICAL BRANCH:	**Normal**	EXISTING DEMAND LOAD BASED	
EXISTING RATINGS:	**120/208** VOLT	ON METERING OCCURRING FROM:	
	3 Ø	**02/2025** TO	**01/2026**
	4 WIRE		
	2500 AMPS		

	KVA	/	AMPS
EXISTING DEMAND LOAD	**175**	/	486
(BASED ON LOAD...			
EXISTING DEMAND LOAD X 125%	219	/	608
EXISTING LOAD REMOVED	**0**	/	0
(DESCRIPTION)			
NEW LOAD ADDED:			
D1 - CLASSROOM	**12.4**		
D2 - CLASSROOM	**15.6**		
TOTAL NEW LOAD ADDED	28	/	77.7
NET LOAD CHANGE	28	/	77.7
TOTAL LOAD OF EXISTING PANEL	247	/	686

EXISTING ELECTRICAL EQUIPMENT HAS SUFFICIENT CAPACITY TO ACCOMMODATE NEW LOAD ADDED

NOTE: THE LEVEL ONE AND TWO PANELS, FEEDERS, AND FEEDER OVER-CURRENT PROTECTIVE DEVICES HAVE BEEN CHECKED AND SUFFICIENT LOAD CAPACITY EXISTS AT THIS POINT IN

ELECTRICAL LOAD CAPACITY VERIFICATION

LOAD SUMMARY FOR: **EXISTING DISTRIBUTION PANEL DP-1**

BASED ON DEMAND LOAD PIN 38

ELECTRICAL BRANCH:	**Normal**	EXISTING DEMAND LOAD BASED	
EXISTING RATINGS:	**120/208** VOLT	ON EXISTING CONDITION REVIEW	
	3 Ø		
	4 WIRE		
	600 AMPS		

	KVA	/	AMPS
EXISTING DEMAND LOAD	**144**	/	400
(BASED ON LOAD...			
EXISTING DEMAND LOAD X 125%	180	/	500
EXISTING LOAD REMOVED	**0**	/	0
(DESCRIPTION)			
NEW LOAD ADDED:			
D1 - CLASSROOM	**12.4**		
D2 - CLASSROOM	**15.6**		
TOTAL NEW LOAD ADDED	28	/	77.7
NET LOAD CHANGE	28	/	77.7
TOTAL LOAD OF EXISTING PANEL	208	/	578

EXISTING ELECTRICAL EQUIPMENT HAS SUFFICIENT CAPACITY TO ACCOMMODATE NEW LOAD ADDED

NOTE: THE LEVEL ONE AND TWO PANELS, FEEDERS, AND FEEDER OVER-CURRENT PROTECTIVE DEVICES HAVE BEEN CHECKED AND SUFFICIENT LOAD CAPACITY EXISTS AT THIS POINT IN

(E) PANEL DP-1

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 600/3P @ SWITCHBOARD (E)
LOCATION:

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 600 MCB
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 65 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
--	1	SPARE (E)	60	2	--	--	--		0	6.2		**1.73**	**2**	**3/0**	**3/0**	**2**	**100**	**D1 (N)**	2	
	3									0	**6.2**								4	
	5										4.32 **7.8**		**6**	**1**	**1**	**2**	**125**	**D2 (N)**	6	
	7	(E) Existing Load	20	3					4.32 7.8										8	
	9									4.32									10	
	11																		12	
	13																		14	
	15																		16	
	17																		18	
	19																		20	
	21																		22	
	23																		24	
	25																		26	
	27																		28	
	29																		30	
	31																		32	
	33	A-1 (E)	150	2						9.36	9.36					2	150	B-1 (E)	34	
	35										9.36	9.36							36	
	37	A-2 (E)	150	2					9.36	9.36						2	150	B-2 (E)	38	
	39									9.36	9.36								40	
	41	A-3 (E)	150	2							9.36	9.36				2	150	B-3 (E)	42	
	43								9.36	9.36									44	
	45	A-4 (E)	150	2						9.36									46	
	47										9.36								48	
								Total Load:	55.76 kVA	57.32 kVA	58.92 kVA									
								Total Amps:	464.67	479.67	493.00									

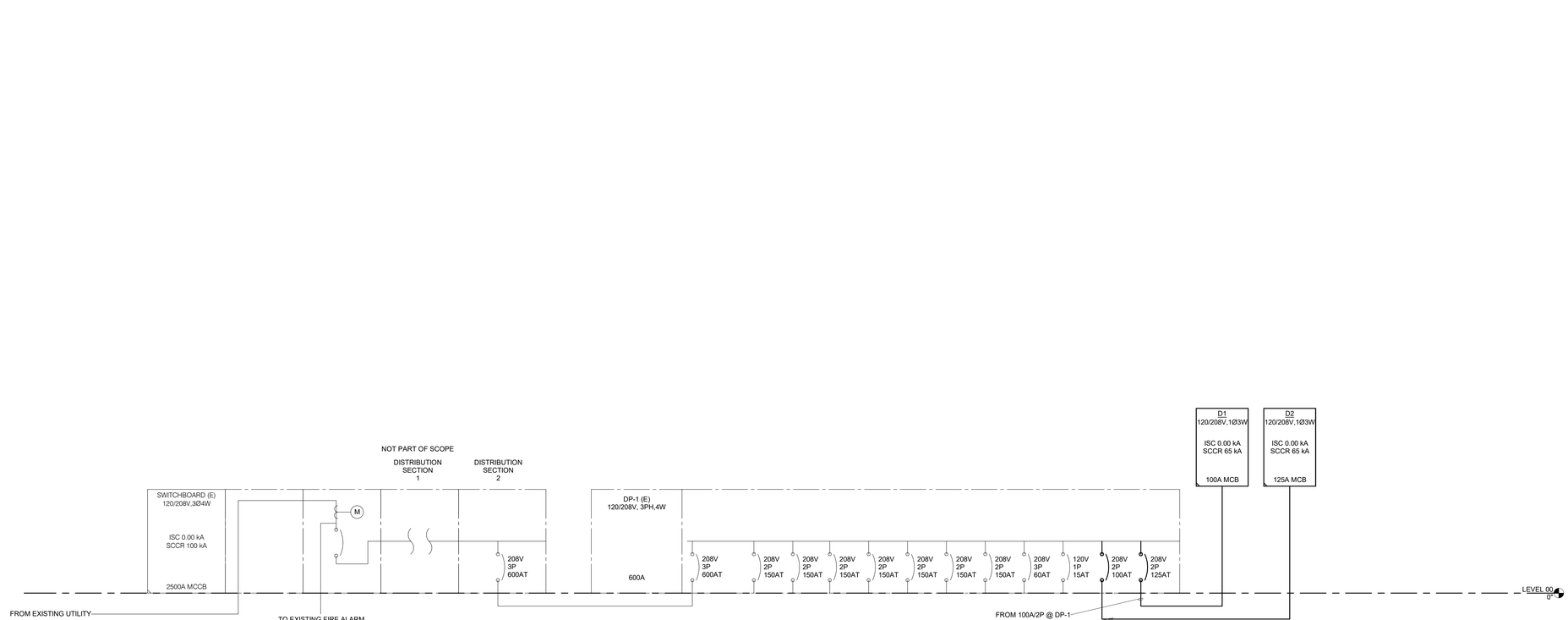
LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND
Power	28 kVA	100.00%	28 kVA
(E) Existing Load	144 kVA	125.00%	180 kVA

TOTALS*	
TOTAL CONNECTED LOAD:	172.00 kVA
TOTAL ESTIMATED DEMAND LOAD:	208 kVA
TOTAL CONNECTED AMPS:	477.42 A
TOTAL ESTIMATED DEMAND AMPS:	577.4

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:



1 RISER DIAGRAM
NO SCALE

NOTES

PARTIAL SYSTEM NOTE
A. ONE-LINE DIAGRAM IS DIAGRAMMATIC AND PARTIAL. ONLY ELECTRICAL EQUIPMENT AND DISTRIBUTION SYSTEMS AFFECTED BY THIS PROJECT ARE SHOWN. EXISTING SYSTEMS NOT INDICATED ARE TO REMAIN UNCHANGED UNLESS OTHERWISE NOTED.

EXISTING LOAD BASIS (NEC 220.87)
A. EXISTING FEEDER AND SERVICE LOAD HAS BEEN DETERMINED USING THE MAXIMUM DEMAND DATA FROM A 1-YEAR PERIOD.
B. MAXIMUM DEMAND DATA HAS BEEN TAKEN AT 125% AND INCLUDES THE NEW LOAD TO VERIFY THAT AMPACITY OF THE SERVICE IS NOT EXCEEDED.
C. THE FEEDER HAS BEEN DETERMINED AND VERIFIED IN ACCORDANCE WITH NEC 240.4 AND THE SERVICE OVERLOAD PROTECTION HAS BEEN DETERMINED AND VERIFIED IN ACCORDANCE WITH NEC 230.90.

FIELD VERIFICATION
A. CONTACTOR SHALL FIELD VERIFY ALL EXISTING EQUIPMENT RATINGS, CONDUCTOR SIZES, AND CONNECTION CONDITIONS PRIOR TO COMMENCING WORK. NOTIFY ENGINEER OF ANY DISCREPANCIES.

SHORT CIRCUIT / AIC
A. ALL NEW EQUIPMENT SHALL HAVE A SHORT-CIRCUIT CURRENT RATING (SCCR) NOT LESS THAN THE AVAILABLE FAULT CURRENT AT THE POINT OF INSTALLATION.

COORDINATING WITH EXISTING
A. NEW WORK SHALL BE COORDINATED WITH EXISTING ELECTRICAL SYSTEMS TO MAINTAIN CONTINUITY OF SERVICE AND MINIMIZE DISRUPTION OF OCCUPIED FACILITIES.

LOAD ASSUMPTIONS
A. NEW LOADS SHOWN ARE BASED ON DESIGN ASSUMPTIONS FOR CLASSROOM AND HVAC EQUIPMENT. FINAL CONNECTIONS SHALL BE BASED ON MANUFACTUERER NAMEPLATE DATA.

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SUITE 102
ROSEVILLE, CA 95661
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PROJECT #20002109.00
www.imegcorp.com

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REGISTERED PROFESSIONAL ENGINEER
STEVEN L. POPE
R17904
ELECTRICAL
STATE OF CALIFORNIA
EXP DATE: 9/30/2026
05/11/2026

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
ELECTRICAL DIAGRAMS

CONSTRUCTION DOCUMENTS

DATE: **04/14/26**
CLIENT PROJ NO:
SHEET:

E5.00

AGENCY APPROVAL:

Sacramento City Unified School District

HMC DESIGN FOR GOOD Architects
3186-077-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916.368.7990 / www.hmcarchitects.com © 2025 HMC GROUP

ISSUE

Δ	DESCRIPTION	DATE

Autodesk Docs://3186077000 SCUSD Abraham Lincoln TK Classroom Add R24/3186077000-MEPFT-LNCLN-TK-MOD-Classroom.rvt
5/11/2026 2:22:00 PM

PLEASE RECYCLE

STATE OF CALIFORNIA COVERSHEET ITEMS

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS SHEETS ORIGINAL PAGE SIZE

VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

(1) — KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH
PLAN OR DETAIL NUMBER
PLAN OR DETAIL NAME
NORTH — 1 — VIEW NAME
1/8" = 1'-0"
PLAN OR DETAIL SCALE

SIM — INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS — SIM
1 — DETAIL REFERRED TO BY SECTION CUT — 1 / 2 / 3 / 4
M101 — SHEET DETAIL IS LOCATED ON — T101

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
NEW
EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN
EXISTING (NARROW LINE PATTERN)
EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

WORK BY OTHERS (NARROW LINE)
WORK BY OTHERS (NARROW LINE)
EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)

HALF-TONING DOES NOT MODIFY SCOPE.

'TAG'-(E)	TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING
'TAG'-(R)	TAGS WITH DASH 'R' INDICATES THE REFERENCED OBJECT IS REMOVED
TAG-1	UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST
⊕	INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

MANDATORY ACCEPTANCE TESTING:

CONTRACTOR SHALL PROVIDE CALIFORNIA CERTIFIED ACCEPTANCE TEST PERSONNEL, COMPLETE ACCEPTANCE TESTING FORMS, AND SUBMIT THE FORMS TO THE AUTHORITY HAVING JURISDICTION **[PRIOR TO PROJECT COMMISSIONING ACTIVITIES.]**

MANDATORY ACCEPTANCE TESTING PER CALIFORNIA ENERGY CODE SHALL BE PROVIDED AS LISTED BELOW:

NOTE: DIVISION 23 CONTRACTOR WILL RETAIN A CERTIFIED ACCEPTANCE TEST TECHNICIAN (ATT) TO PERFORM AND DOCUMENT THE REQUIRED ACCEPTANCE TESTING AS DESCRIBED IN THE LATEST NON-RESIDENTIAL COMPLIANCE MANUAL. THIS WORK INCLUDES COMPLETING THE FORMS, SIGNING THE FORMS, AND SUBMITTING THE FORMS TO THE AUTHORITY HAVING JURISDICTION. THE FORMS AND REQUIREMENTS CAN BE OBTAINED FROM THE CEC WEBSITE. INCLUDE FORMS WHICH APPLY TO THE SCOPE OF WORK IN THIS SET OF DRAWINGS AND SPECIFICATIONS. THE LIST OF FORMS IS REFERENCED BELOW:

1. NRCA-MCH-02-A OUTDOOR AIR ACCEPTANCE
2. NRCA-MCH-03-A CONSTANT VOLUME, SINGLE ZONE, UNITARY (PACKAGED AND SPLIT) AC & HEAT PUMP SYSTEMS
3. NRCA-MCH-04-H AIR DISTRIBUTION DUCT LEAKAGE
4. NRCA-MCH-05-A AIR ECONOMIZER CONTROLS ACCEPTANCE
5. NRCA-MCH-06-A DEMAND CONTROL VENTILATION (DVC) SYSTEMS ACCEPTANCE
6. NRCA-MCH-07-A SUPPLY FAN VARIABLE FLOW CONTROLS (VFC) ACCEPTANCE
7. NRCA-MCH-08-A VALVE LEAKAGE TEST
8. NRCA-MCH-09-A WATER TEMP RESET
9. NRCA-MCH-10-A HYDRONIC SYSTEM VARIABLE FLOW CONTROL ACCEPTANCE
10. NRCA-MCH-11 AUTOMATIC DEMAND SHED CONTROLS
11. NRCA-MCH-12-A FAULT DETECTION AND DIAGNOSTICS (FDD) FOR PACKAGED DX UNITS
12. NRCA-MCH-13-A AIR HANDLING UNIT AND ZONE TERMINAL FDD
13. NRCA-MCH-14-A ENERGY STORAGE FOR A/C – DISTRIBUTED ENERGY STORAGE DX AX SYSTEMS
14. NRCA-MCH-15-A THERMAL ENERGY STORAGE
15. NRCA-MCH-16-A SUPPLY AIR TEMPERATURE RESET CONTROLS
16. NRCA-MCH-17-A CONDENSER WATER TEMPERATURE RESET CONTROLS
17. NRCA-MCH-18 ENERGY MANAGEMENT SYSTEM ACCEPTANCE
18. NRCA-MCH-19-A OCCUPIED STANDBY
19. NRCA-MCH-20a-H MULTI-FAMILY (MF) DWELLING VENTILATION
20. NRCA-MCH-20b-H MF DWELLING KITCHEN EXHAUST
21. NRCA-MCH-20c-H MF INDOOR AIR QUALITY VENTILATION SYSTEM
22. NRCA-MCH-20d-H MF DWELLING VENTILATION – HRV-ERV
23. NRCA-MCH-21-A MF ENVELOPE LEAKAGE
24. NRCA-MCH-22-A SYSTEM DUCT LEAKAGE
25. NRCA-MCH-23-A HRV-ERV VERIFICATION
26. NRCA-PRC-01-F COMPRESSED AIR SYSTEM CONTROLS

HCAI SUPPORT/BRACING OF PIPES/DUCTS & CONDUITS:

PIPE, DUCTS, CONDUITS SHALL BE SUPPORTED AND BRACED PER HCAI PRE-APPROVAL OF MANUFACTURERS CERTIFICATION (OPM) (OPM-0043-13, MASON INDUSTRIES INC. SEISMIC BRACING SYSTEM), IF THE CONSTRUCTION DOCUMENT PROVIDES SUPPORT SYSTEM OTHER THAN THE MENTIONED ABOVE, CALCULATION AND COMPLETE DETAILS FOR THE PROPOSED SYSTEM SHALL BE SUBMITTED TO HCAI FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.

A. LAYOUT DRAWING OF SUPPORTS, ATTACHMENTS, AND BRACING SYSTEMS IN ACCORDANCE WITH THE PRE-APPROVAL SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE OF THE PROJECT FOR REVIEW TO VERIFY THAT THE DETAILS ARE IN CONFORMANCE WITH THE CODE REQUIREMENTS. THE LAYOUT DRAWINGS SHALL AS A MINIMUM SATISFY THE REQUIREMENTS OF ASCE 7 SECTION 13.6 AS MODIFIED BY THE CBC 2025 SECTION 1616A.
   a. THE STRUCTURAL ENGINEER OF RECORD (SEOR) SHALL VERIFY THAT THE SUPPORTING STRUCTURE IS ADEQUATE FOR THE FORCES IMPOSED ON IT BY THE SUPPORTS, ATTACHMENTS, AND BRACES INSTALLED IN ACCORDANCE WITH THE PRE-APPROVAL IN ADDITION TO ALL OTHER LOADS.
   b. THE SEOR SHALL FORWARD THE SUPPORTS, ATTACHMENTS, AND BRACING DRAWINGS (INCLUDING APPROVED AMENDED CONSTRUCTION DOCUMENTS FOR SUPPLEMENTARY FRAMING WHERE REQUIRED) TO THE DISCIPLINE IN RESPONSIBLE CHANGE WITH A NOTATION INDICATING THAT THE DRAWINGS HAVE BEEN REVIEWED AND ARE IN GENERAL CONFORMANCE WITH THE PRE-APPROVAL AND THE DESIGN OF THE PROJECT.
   c. A "SHOP DRAWING STAMP" MAY BE USED TO INDICATE COMPLIANCE WITH THIS REQUIREMENT.
   d. THE REGISTERED DESIGN PROFESSIONAL (RDP), OTHER THAN (SEOR), MAY PROVIDE THE SHOP DRAWING STAMP FOR SMALL PROJECTS AT THE DISCRETION OF THE HCAI DISTRICT STRUCTURAL ENGINEER.
B. THE SEOR SHALL DESIGN ANY SUPPLEMENTARY FRAMING THAT IS NEEDED TO RESIST THE LOADS, MAINTAIN STABILITY AND/OR IS REQUIRED FOR INSTALLATION OF PRE-APPROVED SYSTEM.
   a. THE SUPPLEMENT FRAMING SHALL BE SUBMITTED TO HCAI AS AN AMENDED CONSTRUCTION DOCUMENTS (ACD).
C. THE LAYOUT DRAWINGS (WITH THE SHOP DRAWING STAMP) SHALL BE SUBMITTED TO THE HCAI TO REVIEW:
   1. STRUCTURE SUPPORTING THE DISTRIBUTION SYSTEM HAS ADEQUATE CAPACITY;
   2. SEISMIC DESIGN FORCES (Fp) ARE IN ACCORDANCE WITH THE CBC 2025, AND
   3. VERIFY THAT SUBMITTAL IS WITHIN THE SCOPE OF HCAI PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION (OPM)
      a. SIZE OF DISTRIBUTION SYSTEM COMPONENTS
      b. SPACING OF BRACING AND FLEX JOINTS, AND
      c. SUBSTRATE FOR ATTACHMENTS
D. THE LAYOUT DRAWINGS (WITH THE SHOP DRAWING STAMP) SHALL BE KEPT ON THE JOBSITE AND CAN BE USED FOR INSTALLATION OF THE SUPPORT AND BRACING.
   a. HCAI FILED STAFF WILL REVIEW THE INSTALLATION.
E. A COPY OF THE CHOSEN BRACING SYSTEM(S) INSTALLATION GUIDE/OPM MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION OF HANGERS AND/OR BRACES.
   a. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF OPM AND FURNISH THE IOR WITH ONE COPY OF EACH.
F. COMPONENTS OF TWO OR MORE PRE-APPROVED BRACING SYSTEM SHALL NOT BE MIXED.
   a. ONLY ONE PRE-APPROVED BRACING SYSTEM MAY BE USED FOR A RUN OF PIPE, DUCT, OR CONDUIT.
   b. ANY SUBSTITUTION OF COMPONENT OF AN OPM SYSTEM SHALL REQUIRE HCAI REVIEW AND APPROVAL.

REFERENCE: 2025 CAC SECTIONS 7-115, 7-126,7-153, AND CBC 2025 SECTION 107

APPLICABLE CODES AND STANDARDS:

[2025] CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 1

[2025] CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 2
(2021 INTERNATIONAL BUILDING CODE (IBC) W/ 2022 CALIFORNIA AMENDMENTS)

[2025] CALIFORNIA ELECTRICAL CODE (CEC)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 3
(2020 NATIONAL ELECTRICAL CODE (NEC) W/ 2022 CALIFORNIA AMENDMENTS)

[2025] CALIFORNIA MECHANICAL CODE (CMC)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 4
(2021 UNIFORM MECHANICAL CODE (UMC) W/ 2022 CALIFORNIA AMENDMENTS)

[2025] CALIFORNIA PLUMBING CODE (CPC)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 5
(2021 UNIFORM MECHANICAL CODE (UPC) W/ 2022 CALIFORNIA AMENDMENTS)

[2025] CALIFORNIA ENERGY CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 6

[2025] CALIFORNIA HISTORICAL BUILDING CODE (CHBC)
CALIFORNIA CODE OF REGULATIONS (CHBC) TITLE 24, PART 8

[2025] CALIFORNIA FIRE CODE (CFC)
CALIFORNIA CODES OF REGULATIONS (CRR) TITLE 24, PART 9
(2021 INTERNATIONAL FIRE CODE (IFC) W/ 2022 CALIFORNIA AMENDMENTS)

[2025] CALIFORNIA EXISTING BUILDING CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 10
(2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC))

[2025] CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)
CALIFORNIA CODES OF REGULATIONS (CCR) TITLE 24, PART 11

[2025] CALIFORNIA REFERENCED STANDARDS CODE
CALIFORNIA DOE OF REGULATIONS (CCR) TITLE 24, PART 12

AMERICANS WITH DISABILITIES ACT (ADA)
TITLE II - ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAG)
1990 STATE FIRE MARSHAL REGULATIONS AND AMENDMENTS TO-DATE

CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, CALIFORNIA STATE ACCESSIBILITY STANDARDS CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 19

NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS **[2025]** EDITION (CA AMENDED)

NFPA 14 STANDARDS FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS **[2019]** EDITION
(CA AMENDED)

NFPA 17 STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS **[2021]** EDITION

NFPA 17A STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS **[2017]** EDITION

NFPA 20 STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION **[2019]** EDITION

NFPA 22 STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION **[2013]** EDITION

NFPA 24 STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES **[2019]** EDITION (CA AMENDED)

NFPA 54 NATIONAL FUEL GAS CODE **[2018]** EDITION (CA AMENDED)

NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE **[2022]** EDITION (CA AMENDED)

NFPA 80 STANDARD FOR FIRE DOORS AND OTHER OPENINGS PROTECTIVES **[2019]** EDITION

NFPA 90A STANDARD FOR INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS **[2018]** EDITION (CA AMENDED)

NFPA 99 HEALTHCARE FACILITIES CODE **[2021]** EDITION (CA AMENDED)

NFPA 418 STANDARD FOR HELIPORTS **[2016]** EDITION (CA AMENDED)

NFPA 2001 STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS **[2018]** EDITION (CA AMENDED)

UL 300 STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT 2005 (R2010)

UL 464 AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES **[2003]** EDITION

UL 521 STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS **[1999]** EDITION

UL 1971 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED **[2002]** (R2012)

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CALIFORNIA BUILDING CODE (CBC) CHAPTER 35 AND CALIFORNIA FIRE CODE (CFC) CHAPTER 80

CALIFORNIA DSA MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENT ANCHORAGE NOTES:

1. EQUIPMENT ANCHORAGE NOTE:
   ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC, SECTION 1617A.18 THROUGH 1617A.1.26 AND ASCE 7-22 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 CONNECTION 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 MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

   THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

   A. COMPONENTS 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 STRUCTURAL ENGINEER OF RECORD AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

2. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS BRACING NOTE.

   PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-22 SECTION 13.3 AS DEFINED INS ASCE 7-22 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2025 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 GUIDE (E.G. HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

   MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP)M ELECTRICAL DISTRIBUTION SYSTEMS (E):

1. ALL FIRE PROTECTION SYSTEMS WORK SHALL BE PROVIDED BY A DESIGN BUILD CONTRACT BY A LICENSED C16 CONTRACTOR.
2. ALL WORK AND MATERIAL SHALL COMPLY WITH THE LATEST CALIFORNIA BUILDING CODE, CALIFORNIA FIRE CODES, NFPA 13, 20, 24, 72, 75, AND 101, CALIFORNIA STATE FIRE MARSHAL, AND APPLICABLE LOCAL CODES, AMENDMENTS AND REQUIREMENTS.

CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIO/VISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
N.C.C.	NURSE CALL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR

FIRE PROTECTION ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
I.E.	INVERT ELEVATION
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
SCCR	SHORT CIRCUIT CURRENT RATING
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED

[NTD: ADD FOR CALIFORNIA DSA PROJECTS]

DIVISION OF STATE ARCHITECT NOTES:

1. A FIRE WATCH SHALL BE IMPOSED IN-CAMPUS WHEN ANY EXISTING CAMPUS FIRE ALARM AND/OR AUTOMATIC FIRE SPRINKLER SYSTEM IS IMPAIRED. FIRE WATCH PERSONNEL SHALL BE PROVIDED WITH AT LEAST ONE APPROVED MEANS FOR NOTIFICATION OF THE FIRE DEPARTMENT AND THEIR SOLE DUTY SHALL BE TO PERFORM CONSTANT PATROL AND WATCH FOR THE OCCURRENCE OF FIRE. CFC CHP. 33.
2. ARCHITECT OF RECORD , MECHANICAL ENGINEER & FIRE PROTECTION CONTRACTOR (C-16) SHALL AFFIX THEIR SEAL, STAMP AND SIGN ALL SUBMITTALS, OR PROVIDE DOCUMENTATION PER DSA IR A-18.
3. SPRINKLER CONTRACTOR SHALL COMPLETE AND SIGN CONTRACTORS MATERIAL & TEST CERTIFICATE FOR THE ABOVEGROUND PIPING. THIS FORM SHALL BE GIVEN TO THE PROJECT INSPECTOR WHO WILL FORWARD TO DSA FOR FILLING IN PROJECT RECORDS.
4. SPRINKLER FLOW SWITCH SHALL BE TESTED TO CONFIRM THAT WHEN THE INSPECTORS TEST VALVE IS ACTIVATED AN ALARM WILL SOUND NO MORE THAN 90 SECONDS AFTER INITIAL FLOW (WITNESSED BY THE PROJECT INSPECTOR).
5. THE MAIN FIRE ALARM PANEL VALVE MONITORING AND WATER-FLOW ALARM AND TROUBLE SIGNALS SHALL BE DISTINCTLY DIFFERENT AND SHALL BE AUTOMATICALLY TRANSMITTED TO AN APPROVED CENTRAL STATION MONITORING COMPANY.
6. THE FLOW SWITCH SHALL BE CONNECTED TO A 10" OUTSIDE ALARM BELL OR OTHER AUDIBLE ALARM DEVICE AT EACH RISER. APPROVED IDENTIFICATION SIGNS SHALL BE PROVIDED ON THE OUTSIDE ALARM BELL "SPRINKLER FIRE ALARM-WHEN ALARM SOUNDS CALL 911/FIRE DEPARTMENT".

FIRE PROTECTION SHEET INDEX

FA0.00	FIRE ALARM COVERSHEET
FA1.00	SITE DEMOLITION PLAN - GENEVIEVE DIDION - FIRE ALARM
FA1.10	FLOOR DEMOLITION PLAN - FIRE ALARM
FA2.00	SITE PLAN -FIRE ALARM NEW CONSTRUCTION
FA2.10	FLOOR PLAN - FIRE ALARM NEW CONSTRUCTION
FA4.00	FIRE ALARM DETAILS
FA5.00	FIRE ALARM DIAGRAMS
GRAND TOTAL: 7	

ELECTRICAL SYMBOL LIST - FIRE ALARM

SYMBOL	TAG	EQUIP ABBREV	SPEC SECTION	DESCRIPTION
# (S)	H	FA-120	28 31 00	SMOKE DETECTOR - COMBINATION SMOKE / HEAT DETECTOR
# (F)◁	CD	FA-211	28 31 00	COMBINATION AUDIO (HORN/CHIME) / VISUAL ALARM DEVICE - CONTRACTOR DEFINED
▭		FACP		CONTROL PANEL

FIRE ALARM MATRIX OF OPERATION

*REFERENCE NFPA 72, FIGURE A.14.6.2.4

FIRE ALARM SYSTEM OUTPUTS:
A. ACTUATE COMMON ALARM SIGNAL INDICATOR @ FACP
B. ACTUATE ALL AUDIBLE/VISUAL ALARM SIGNALS IN BUILDING
C. ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR @ FACP
D. ACTUATE AUDIBLE SUPERVISORY SIGNAL @ FACP
E. ACTUATE AUDIBLE COMMON TROUBLE SIGNAL @ FACP
G. TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION
H. TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION
I. TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION

● = ACTION
☐ = NO ACTION

	FIRE ALARM SYSTEM INPUTS	A	B	C	D	E	F	G	H	I
1.	MANUAL FIRE ALARM PULL STATION	●	●					●		
2.	SMOKE OR HEAT DETECTOR	●	●					●		
3.	FIRE ALARM AC POWER FAILURE					●				●
4.	FIRE ALARM SYSTEM LOW BATTERY					●				●
5.	FIRE ALARM OPEN CIRCUIT					●				●
6.	FIRE ALARM GROUND FAULT					●				●
7.	NAC CIRCUIT SHORT					●				●

FIRE ALARM NOTES

1. THIS IS A COMPLETE AUTOMATIC FIRE ALARM SYSTEM PLAN SUBMITTAL PER 2025 CGFC 907.2.3 AND 2025 CBC 907.2.3.
2. THE NEW FIRE ALARM SYSTEM EXTENSION IS CONFIGURED TO A FULLY AUTOMATIC SYSTEM, AS IS THE EXISTING INSTALLATION.
3. THE FIRE ALARM SYSTEM INDICATED ON THESE DRAWINGS MUST BE APPROVED BY CALIFORNIA STATE FIRE MARSHAL AND SHALL BE INSTALLED AS DESCRIBED ON THESE DRAWINGS AND AS NOTED IN THE SPECIFICATION. ANY CHANGES TO THESE PLANS, I.E., DELETION, RELOCATION OR ADDING OF DEVICES SHALL BE RESUBMITTED TO THE STATE FIRE MARSHALL FOR APPROVAL.
4. INSTALLATION OF FIRE ALARM SYSTEM MAY START AFTER IMEG RECEIVES THESE APPROVED DRAWINGS. A.O.R. SHALLL STAMP AND SIGN ALL DRAWINGS.
5. ALL WIRING AND INITIATING DEVICES SHALL BE SUPERVISED TO THE PRINCIPAL POINT OF ANNUNCIATION (F/A PANEL TO SUPERVISE ALL CIRCUITS AND INITIATING DEVICES).
6. WIRING SHALL NOT BE LOOPED THROUGH DEVICES; WIRE MUST BE CUT FOR IN AND FOR OUT.
7. ALL WIRING TO BE IN CONDUIT.
8. ALL TERMINATIONS IN JUNCTION BOXES, PULL BOXES, AND TERMINAL CABINETS SHALL BE ON BOX MOUNTED TERMINAL BLOCKS. DO NOT USE WIRE NUTS FOR SPLICING. DO NOT SPLICE WIRES IN ANY BOXES.
9. ALL CONDUIT SIZES INDICATED IN DRAWINGS ARE MINIMUM. CONTRACTOR TO ADJUST SIZE FOR FIELD CONDITIONS BUT SHALL NOT BE SMALLER THAN 3/4 INCH.
10. ALL FIRE ALARM WIRING MUST BE TEST FREE OF OPENS, SHORTS, AND GROUNDS.
11. FIRE ALARM DRAWINGS ARE SCHEMTAIC IN NATURE ONLY. CONTRACTOR TO ROUTE CONDUIT AS FIELD CONDITIONS INDICATE.
12. CONDUIT AND JUNCTION/BACK BOXES ARE NOT TO BE USED FOR UNRELATED WIRING.
13. THE SYSTEM SHALL CONFORM TO TITLES 19 AND 24 AS APPLICABLE TO THIS PROJECT.
14. UPON COMPLETION OF SYSTEM INSTALLATION, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF, AND IN A MANNER ACCEPTABLE TO, THE ENFORCING AGENCY.
15. THE CONTRACTOR SHALL REPROGRAM AND CERTIFY ADDRESSABLE FIRE ALARM CONTROL PANEL TO ACCOMMODATE ADDITIONAL DEVICES.
16. FIRE ALARM SYSTEM SHALL BE INSTALLED BY FACTOTRY AUTHORIZED REPRESENTATIVE.
17. CONDUCTOR LENGTHS AND DEVICE QUANTITIES ARE SHOWN SOLEY FOR CALCULATION PURPOSES ONLY, AND SHALL NOT BE USED FOR BID TAKE-OFF.
18. THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF CALIFORNIA ELECTRICAL CODE. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHALL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY DSA-ORS. 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 FIRE AUTHORITY HAVING JURISDICTION.
19. PENETRATIONS OF PIPES, CONDUITS, ETC., IN WALLS REQUIRING PROTECTED OPENINGS SHALL BE FIRE STOPPED. FIRE STOP MATERIAL SHALL BE A TEST ASSEMBLY ACCEPTABLE TO DSA-ORS.
20. ALL FIRE ALARM ADN COMMUNICATIONS WIRES AND CABLES SHALL BE ONE CONTINUOUS LENGTH FROM A BUILDING TERMINAL CABINET TO ANOTHER BUILDING TERMINAL CABINET OR JUNCTION BOX. ABSOLUTELY NO SUBGRADE SPLICES WILL BE PERMITTED! PROVIDE TERMINAL BLOCKS WITH MOUNTING IN TERMINAL CABINETS ONLY AS REQUIRED.
21. EVERY ALARM SIGNALING DEVICE INSTALLED SHALL BE OF THE SAME BASICE TYPE (BELLS, HORNS, CHIMES, SPEAKERS, ETC.) AS ALL OTHER SIGNALLING DEVICES IN THE FACILITY, (EXCEPTION: ANY SIGNALING DEVICES REQUIRED FOR THE DEAF OR HEARING IMPARIED PER 2026 NFPA-72).
22. INSULATED CONDUCTORS USED IN WET LOCATIONS SHALL BE (1) LEAD-COVERED, (2) TYPES RHW, TW, THW, THHW, THWN, XHHW; OR (3) OF A TYPE LISTED FOR USE IN WET LOCATIONS. CABLES OF ONE OR MORE CONDUCTORS USED WET LOCATIONS SHALL BE OF A TYPE LISTED FOR USE IN WET LOCATIONS. CONDUCTORS USED FOR DIRECT BURIAL APPLICATIONS SHALL BE OF A TYPE LISTED FOR SUCH USTE (PER 2025 CEC ARTICLE 310).
23. THE FIRE ALARM DEVICE SUPPLIER SHALL FURNISH ALL SURFACE MOUNTE ENCLOSURES FOR PULLSTATIONS AND SKIRTS FOR ALL VISUAL AND AUDIO VISUAL DEVICES TO CONEAL 4S BACK BOXES.
24. AFTER THE SYSTEM IS COMPLETED, ALL ADDRESSABLE DEVICES SHALL BE PROGRAMMED AT THE FACP ACCORDING TO THE ACTUAL BUILDING ROOM NUMBER. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE SCHOOL DISTRICT TO OBTAIN ACCURATE ROOM NUMBER INFORMATION.
25. POWER SERVICES SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH A RED MARKING & LOCKING DEVICE AND IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL".
26. PROVIDE CALIFORNIA TEMPORAL-THREE TONE DISTINCTIVE FIRE ALARM SOUND. (2025 CFC SEC. 907.6.2.1.3 & 2026 NFPA 72 SEC. 18.4.2.1)
27. AUDIBLE FIRE ALARM SOUND LEVEL SHALL BE AT LEAST 15 dBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPIABLE AREAS (2026 NFPA 72 SEC. 18.4.3.1) (I.E. CLASSROOM AVERAGE AMBIENT NOISE IS 45 dBA PLUS 15 dBA EQUAL = 60 dBA MINIMUM ALARM TONE REQUIRED).
28. STROBES SHALL FLASH AT A RATE NOT EXCEEDING T WO FLASHES PER SECOND NOR BE LESS THAN ONE FLASH EVERY SECOND. (2026 NFPA 72 SEC. 18.5.3.1).
29. FINAL FIRE ALARM TEST SHALL BE MADE WITH THE DSA INSPECTOR OF RECORD (IOR). LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF DATE AND TIME OF FINAL ALARM TESTING AND SHALL ASSISTE/WITNESS SUCH TESTING WHEN ABLE.
30. FIRE ALARM CONTRACTOR SHALL PROVIDE A "RECORD OF COMPLETION" TO THE INSPECTOR OF RECORD (IOR)/DSA AFTER COMPLETION OF OPERATION ACCEPTANCE TEST. (2025 NFPA SEC. 7.5.6 & 2025 CFC 901.6.2)
31. UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NOT STRUCTURAL MEMBER SHALL BE CUT, DRILLED, NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND DISTRICT STRUCTURAL ENGINEER FROM THE DIVISION OF STATE ARCHITECT.
32. THE INSTALLING CONTRACTOR SHALL PROVIDE A STATEMENT OF COMPLIANCE ALONG WITH THE REQUEST FOR ACCEPTANCE TESTING PER 2025 NFPA 72.
33. OCCUPANCY OF THE BUILDINGS IS PROHIBITED UNTIL THE FIRE ALARM SYSTEM IS COMPLETED, TESTED, AND APPROVED PER 2026 NFPA 72.
34. SMOKE DETECTORS SHALL BE TESTED PER THE METHOD SHOWN IN 2025 CFC.
35. REACCEPTANCE TESTING SHALL BE PERFORMED AS REQUIRED BY 2026 NFPA 72.
36. ALL BACKUP BATTERIES FOR FIRE ALARM SSYTEM EQUIPMENT SHALL BE VISUALLY CHECKED FOR DATE OF INSTALLATION. ALL BATTERIES OVER 5 YEARS OLD SHALL BE REPLACED WITH NEW BATTERIES OF THE SAME MANUFACTURER, TYPE, AND AMP-HOUR RATING.
37. FIRE ALARM SYSTEMS SHALL BE SUPERVISED BY AN APPROVED UL LISTED CENTRAL STATION, OR REMOTE STATION (UUFX) MONITORING COMPANY (UUJS) (2025 CFC, 907.2.3.5, 907.6.5.3)
38. A SINGLE FAULT ON A PATHWAY CONNECTED TO THE ADDRESSABLE DEVICES SHALL NOT CAUSE THE LOSS OF MORE THAN 50 ADDRESSABLE DEVICES (2026 NFPA 72 SEC. 23.6.1).
39. THE DISTRICT SHALL RETAIN RECORD DRAWINGS ON THE PREMISES FOR A MINIMUM OF 3 YEARS, IN A DEDICATED FIRE ALARM RECORD DOCUMENT CABINET IN ACCORDANCE WITH NFPA 72, 7.7.2.
   A. EVERY NEW FIRE ALARM SYSTEM SHALL PROVIDE A DOCUMENTATION CABINET, INSTALLED AT THE SYSTEM CONTROL PANEL OR OTHER APPROVED LOCATION.
   B. THE DOCUMENTATION CABINET SHALL BE PROMINENTLY LABELD, "SYSTEM RECORD DOCUMENTS".
   C. ALL RECORDED AND TESTING DOCUMETATION SHALL BE STORED IN THE CABINET.
   D. CONTENTS SHALL BE ACCESSIBLE BY AUTHROIZED PERSONNEL ONLY.
   E. WHERE CABINET IS INSTALLED IN A LOCATION OTHER THAN THE SYSTEM CONTROL UNIT, ITS LOCATION SHALL BE IDENTIFIED AT THE SYSTEM CONTROL UNIT.
   F. SYSTEM DOCUMENTS AS APPLICABLE:
      a. RECORD DRAWINGS/AS-BUILTS
      b. EQUIPMENT CUT SHEETS & CA SFM LISTINGS
      c. ALTERNATIVE MEANS AND METHODS
      d. PERFORMANCE BASED DESIGN DOCUMENTATION (NFPA 72, 7.3.7)
      e. SYSTEM RECORD OF COMPLETION & ANY SUPPLEMENTAL INSPECTION AND TESTING DOCUMENTION (NFPA 72, 7.8.2)
      f. EMERGENCY RESPONSE PLAN (NFPA 72, 7.3.8)
      g. EVALUATION DOCUMENTATION (NFPA 72, 7.3.9)
      h. SOFTWARE & FIRMWARE CONTROL DOCUMENTATION (NFPA 72, 23.2.2)
40. EXTRA DEVICES
   A. DUE TO UNFORSEEN CONDITION, THE FOLLOWING EXTRA DEVICES SHALL BE INCLUDED IN THE CONTRACTOR'S BID:
      a. HORN/STROBE 4 EACH
   B. FOR BID PURPOSES, ALLOW TWENTY (20) FEET OF CONDUIT AND ITS SUPPORT SYSTEM TO INCLUDE FITTINGS, WIRES, AND LABOR FOR EACH OF THE DEVICES LISTED ABOVE.
41. EXISTING FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL UNTIL THE NEW SYSTEM IS ACCEPTED BY SCHOOL DISTRICT; OTHERWISE 24-HOURS FIRE WATCH SHALL BE PROVIDED BY FIRE ALARM CONTRACTOR PER CFC SECTION 901.4.

AGENCY APPROVAL:

Sacramento City Unified School District

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REGISTERED PROFESSIONAL ENGINEER KELDEN L. BOREN E17904 ELECTRICAL STATE OF CALIFORNIA
EXP DATE: 9/30/2026
05/05/2026

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
FIRE ALARM COVERSHEET

CONSTRUCTION DOCUMENTS

DATE: **01/24/11** CLIENT PROJ NO:

SHEET:
FA0.00

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1 SITE DEMOLITION PLAN - GENEVIEVE DIDION - FIRE ALARM

1" = 20'-0"

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NOTES

1. EXISTING PORTABLE CLASSROOM FA CIRCUIT TO BE DISCONNECTED. EXISTING FA CABLES TO BE REMOVED BACK TO MAIN SYSTEM FACP LOCATED IN BUILDING 'D'. EXISTING CONDUIT IN EXISTING PORTABES TO REMAIN AND PROTECTED. TERMINATE CONDUIT AT PORTABLE CLASSROOM DISCONNECTION POINT. FIELD VERIFY EXACT LOCATION.

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REGISTERED PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA
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05/05/2026

FACILITY:

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3324 GLENMOOR DRIVE
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PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

SITE DEMOLITION PLAN - GENEVIEVE DIDION - FIRE ALARM

CONSTRUCTION DOCUMENTS

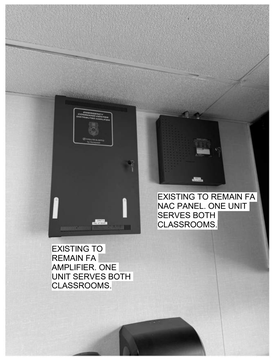
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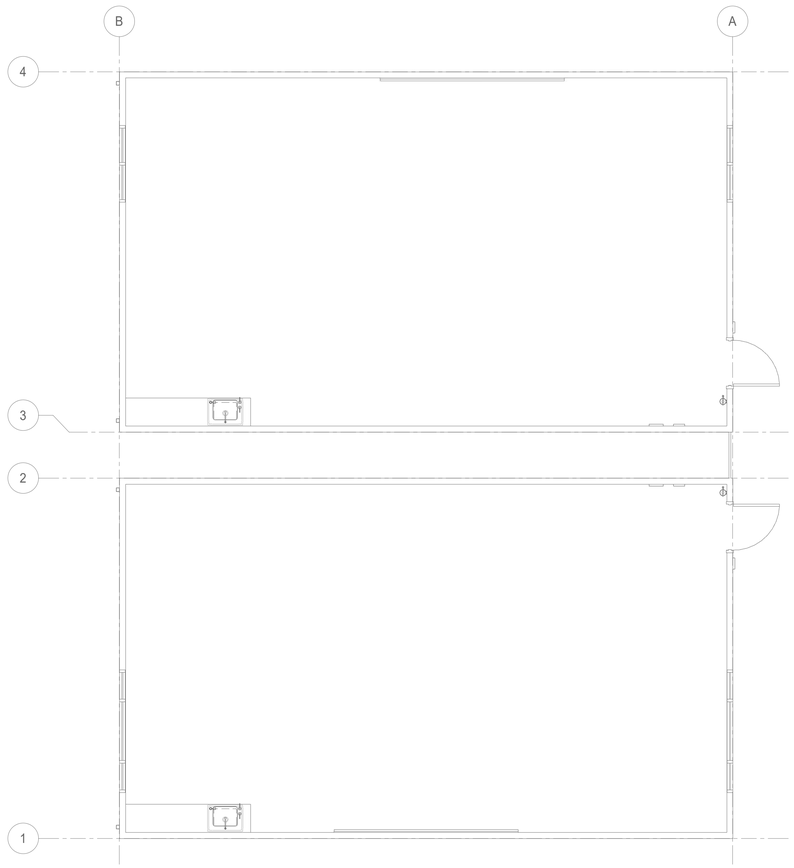
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1 FLOOR DEMOLITION PLAN - FIRE ALARM
1/4" = 1'-0"

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NOTES

1. EXISTING PORTABLE CLASSROOM FIRE ALRAM DEVICES AND TERMINAL CABINETS TO BE REMOVED. FIELD VERIFY EXACT LOCATION.
2. EXISTING PORTABLE CLASSROOM FA CIRCUIT TO BE DISCONNECTED. EXISTING FA CABLES TO BE REMOVED BACK TO MAIN SYSTEM FACP. EXISTING CONDUIT IN EXISTING PORTABES TO REMAIN AND PROTECTED. TERMINATE CONDUIT AT PORTABLE CLASSROOM DISCONNECTION POINT. FIELD VERIFY EXACT LOCATION.
3. FIRE ALARM POWER SUPPLY WITHIN ONE OF CLASSROOMS SERVES BOTH CLASSROOMS. DISCONNECT AND REMOVE ANY CABLE/CONDUIT CONNECTED BETWEEN CLASSROOMS.
4. FIRE ALARM DETECTION AND NOTIFICATION DEVICES ARE EXISTING TO REMAIN IN CLASSROOMS.

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05/05/2026

FACILITY:

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3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

FLOOR DEMOLITION PLAN - FIRE ALARM

CONSTRUCTION DOCUMENTS

DATE: **04/14/26**
CLIENT PROJ NO:

SHEET:

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NORTH

1 SITE PLAN -FIRE ALARM NEW CONSTRUCTION

1" = 30'-0"

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KEYNOTES

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1. NEW CLASSROOM FIRE ALARM EQUIPMENT SHALL BE INTERFACED WITH THE EXISTING FIRE ALARM SYSTEM THROUGH EXISTING COMPATIBLE SYSTEM PATHWAYS AS INDICATED ON THE FIRE ALARM RISER DIAGRAM. CONNECTION TO NEAREST EXISTING CIRCUIT SHALL BE PERMITTED ONLY WHERE CIRCUIT TYPE, SYSTEM COMPATIBILITY, PATHWAY CLASSIFICATION, LOAD CAPACITY, AND SUPERVISION REQUIREMENTS ARE MAINTAINED. PROVIDE ALL REQUIRED CONTROL/MONITOR MODULES, REMOTE POWER SUPPLIES, BATTERIES, AND TROUBLE/ALARM SUPERVISION PER MANUFACTURER'S LISTING AND APPROVED FIRE ALARM SUBMITTALS.

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PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

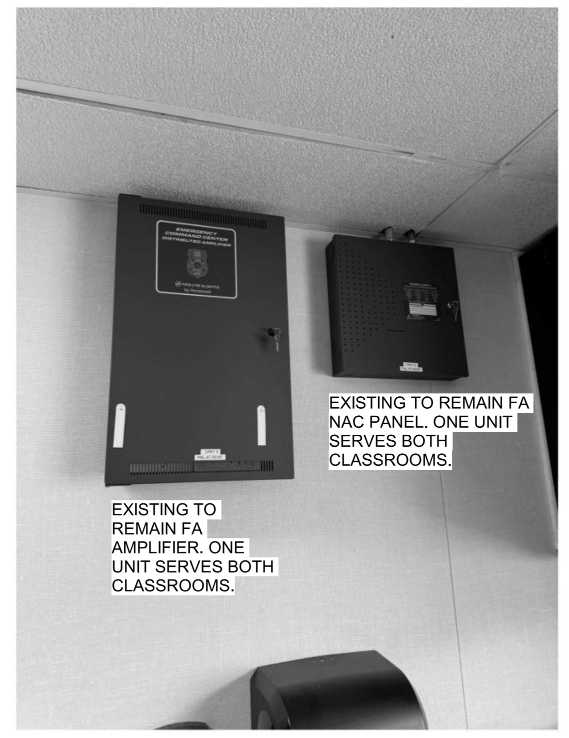
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SITE PLAN -FIRE ALARM NEW CONSTRUCTION

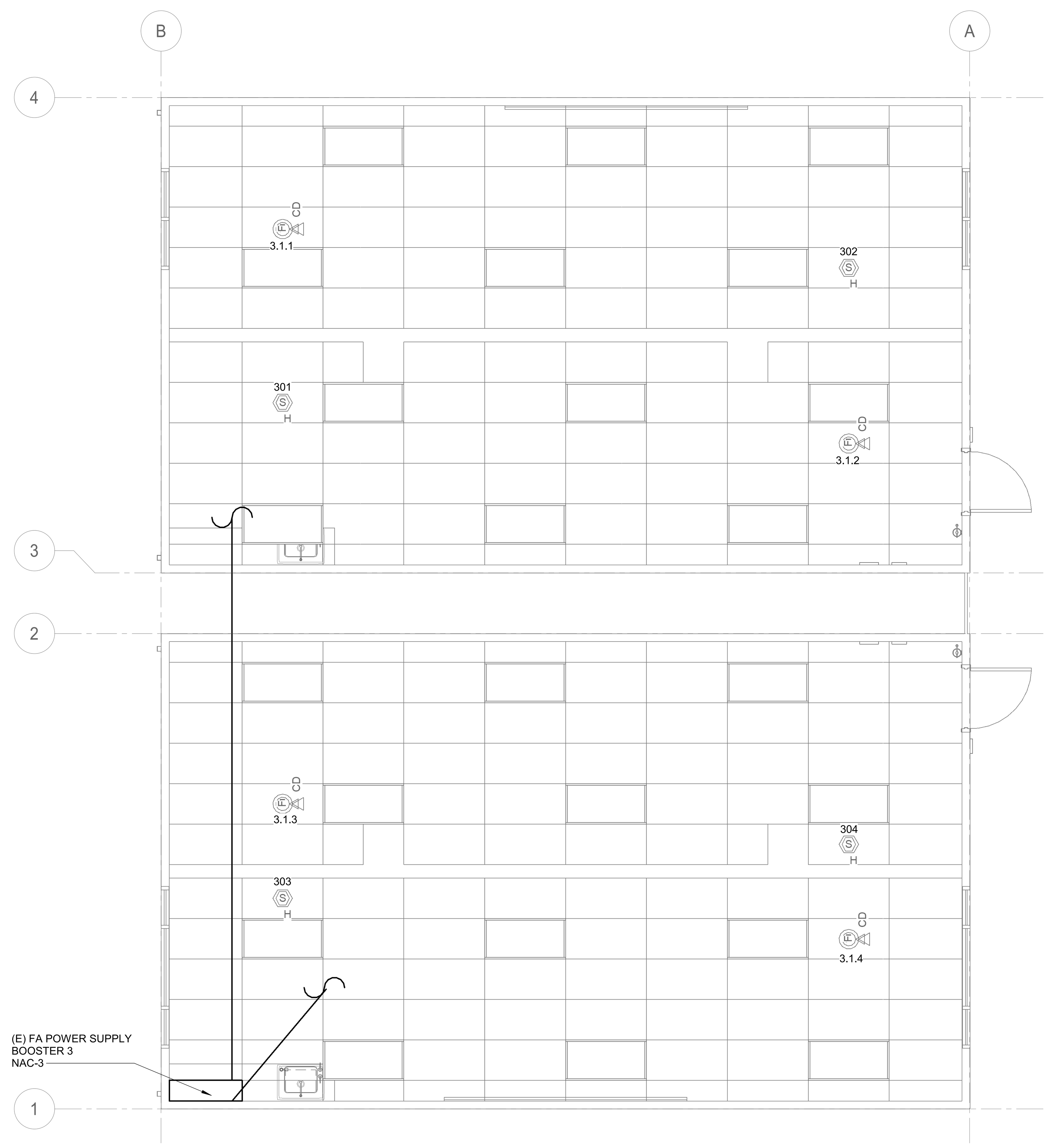
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1 FLOOR PLAN - FIRE ALARM NEW CONSTRUCTION

1/4" = 1'-0"

NORTH

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KEYNOTES

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1. EXISTING CLASSROOM ECC (EMERGENCY COMMAND CENTER) EQUIPMENT SHALL BE FIELD VERIFIED BY THE FIRE ALARM CONTRACTOR AND SYSTEM MANUFACTURER. WHERE THE EXISTING ECC IS NOT REQUIRED FOR THE FINAL FIRE ALARM SYSTEM OPERATION OR IS NOT COMPATIBLE WITH THE EXISTING CAMPUS FIRE ALARM SYSTEM, THE ECC SHALL BE DISCONNECTED FROM ACTIVE SERVICE AND BYPASSED. NEW CLASSROOM FIRE ALARM DEVICES SHALL BE INTEGRATED INTO THE EXISTING CAMPUS FIRE ALARM SYSTEM THROUGH EXISTING COMPATIBLE SLC AND NAC CIRCUITS, INCLUDING ALL REQUIRED CONTROL MODULES, MONITOR MODULES, REMOTE POWER SUPPLIES, BATTERY BACKUP, AND SUPERVISION FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM.
2. SPEAKER/STROBE FIRE ALARM NOTIFICATION DEVICES ARE EXISTING TO REMAIN BUT NOT TO BE RECONNECTED TO FIRE ALARM SYSTEM. NEW HORN/STROBE TO BE INSTALLED ADJACENT TO EXISTING SPEAKER/STROBE AND CONNECTED TO FIRE ALARM SYSTEM.

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REGISTERED PROFESSIONAL ENGINEER KELDEN L. BOREN E17904 ELECTRICAL STATE OF CALIFORNIA
EXP DATE: 9/30/2026
05/05/2026

FACILITY:

ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:

SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:

FLOOR PLAN - FIRE ALARM NEW CONSTRUCTION

CONSTRUCTION DOCUMENTS

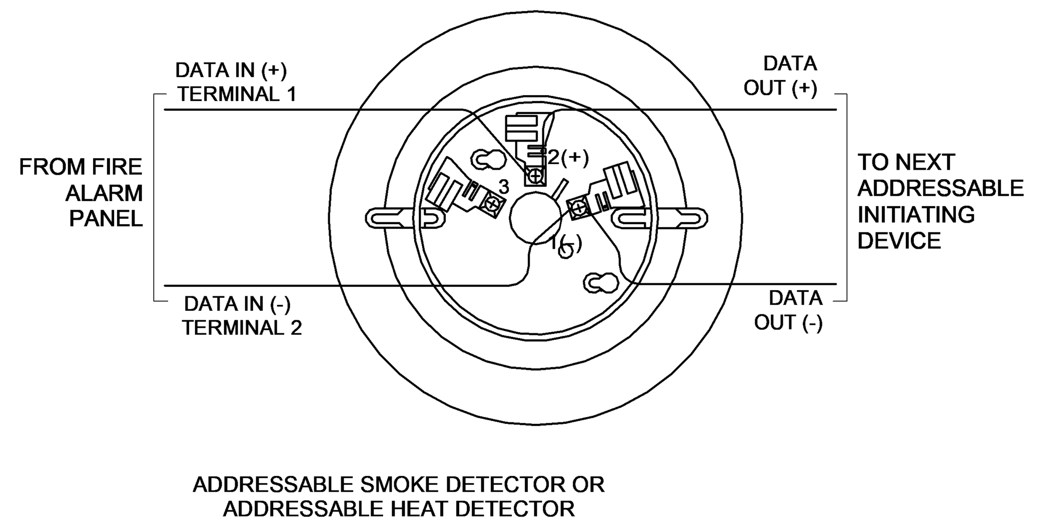
DATE: **04/14/26**	CLIENT PROJ NO:

SHEET:

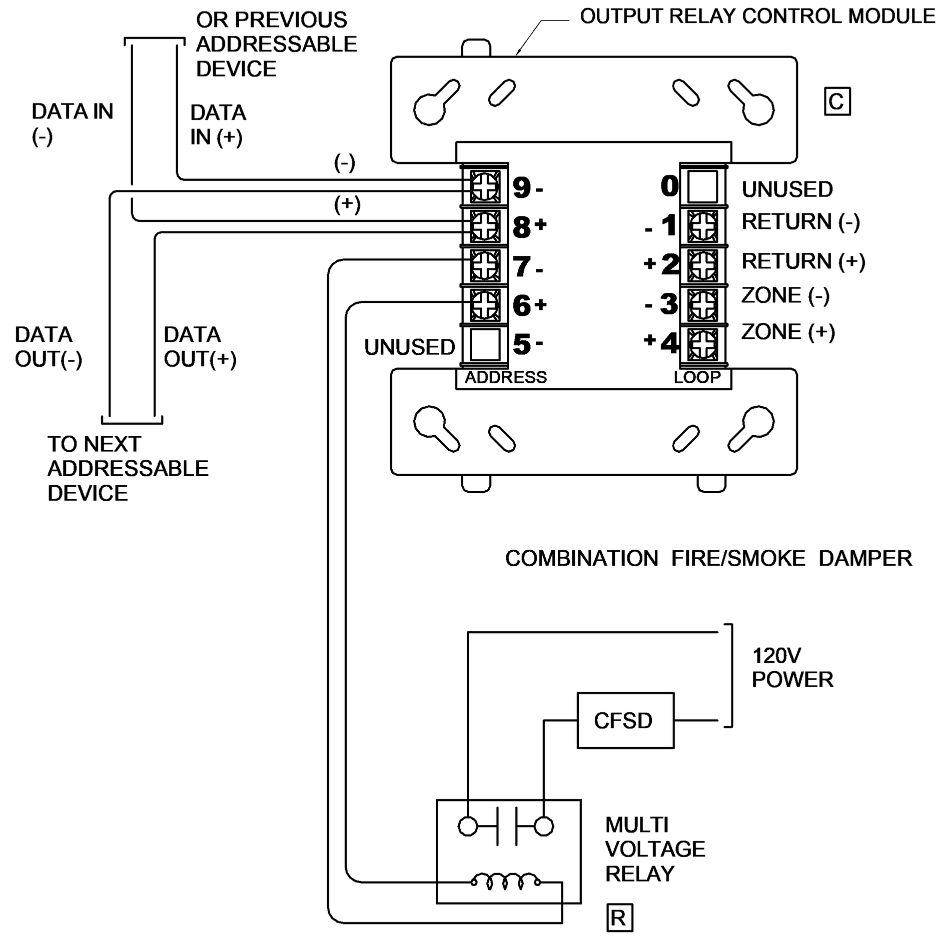
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PLEASE RECYCLE

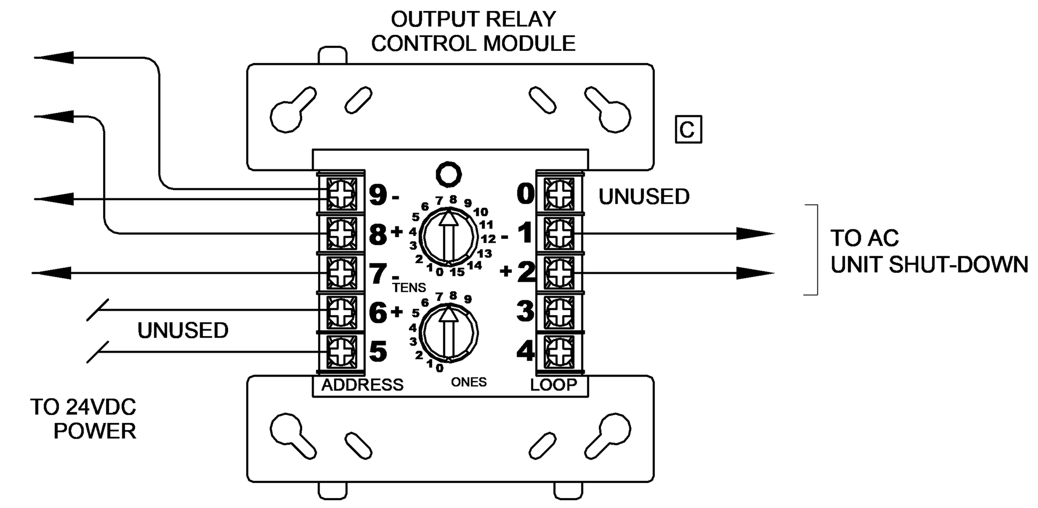
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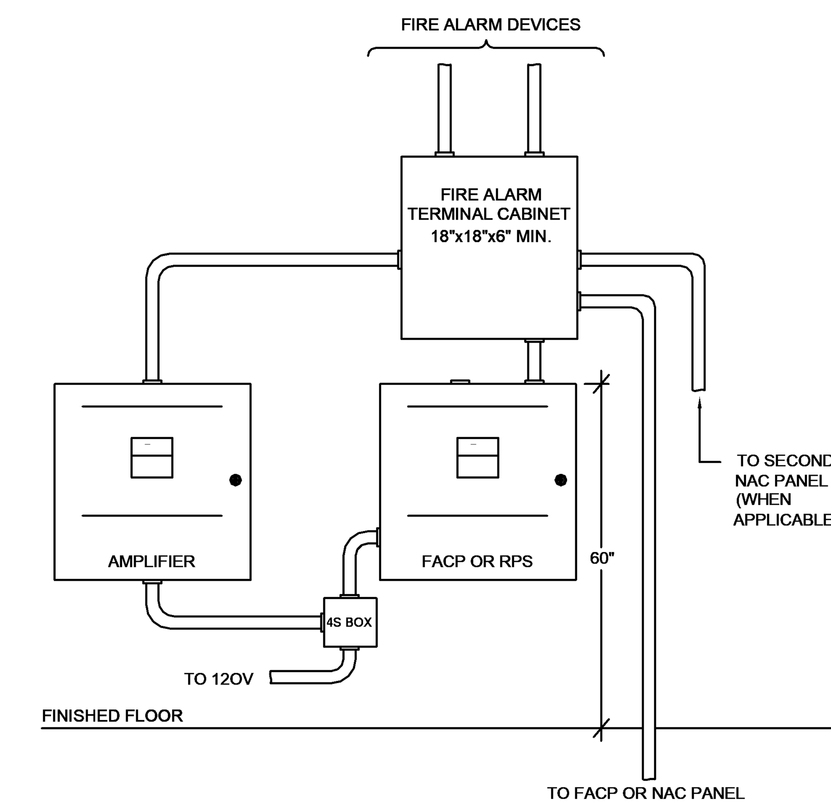
SMOKE / HEAT DETECTOR DETAIL	NTS	1



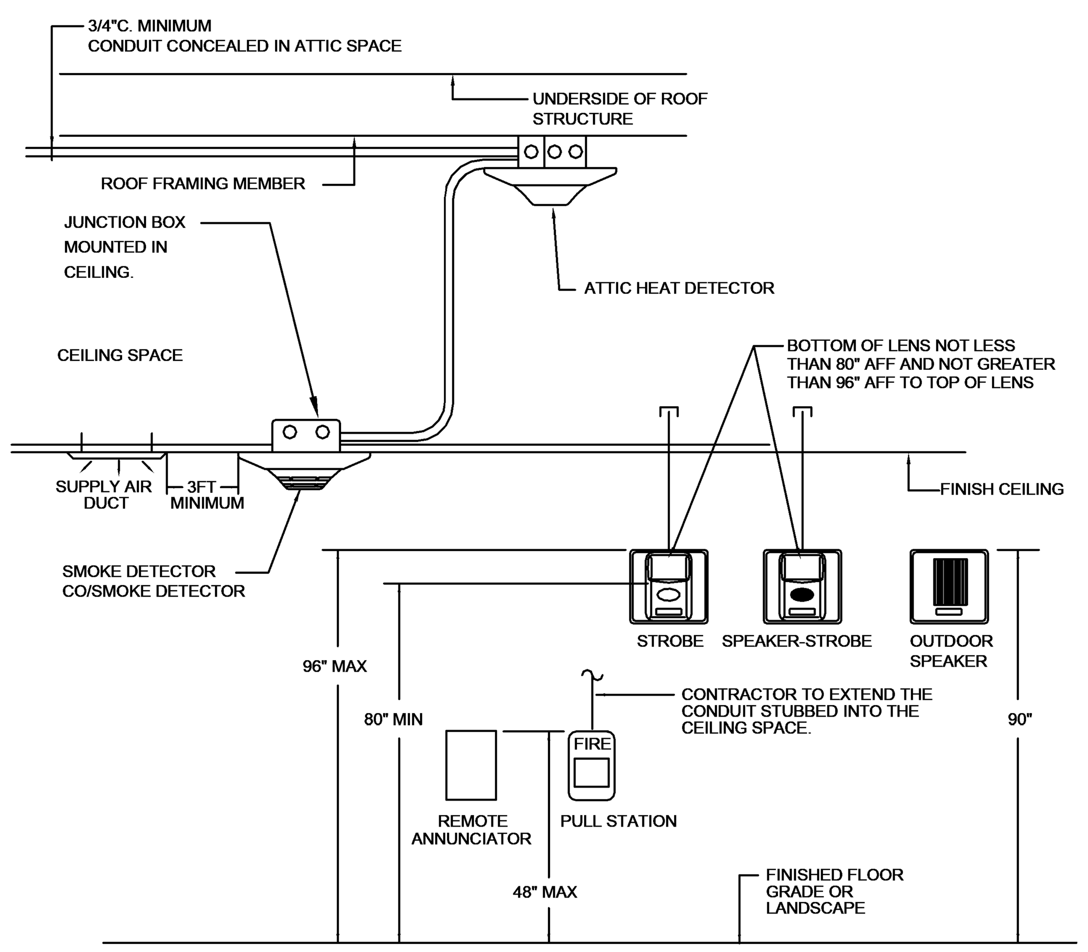
RELAY MODULE DETAIL	NTS	2



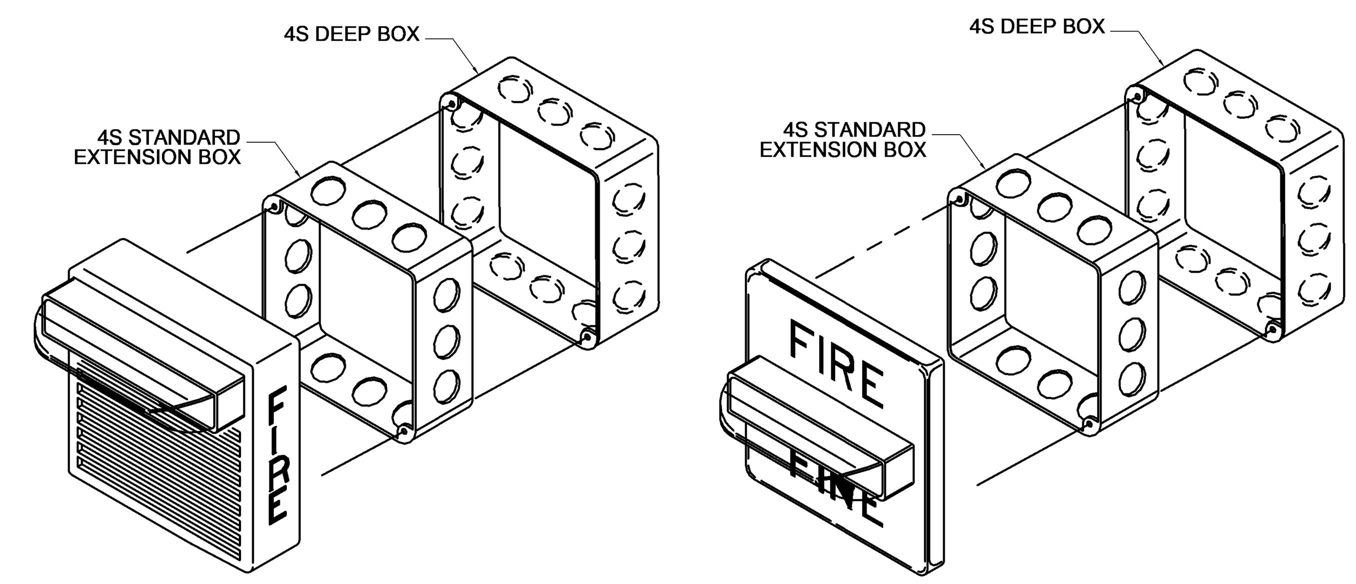
MONITOR MODULE DETAIL	NTS	3



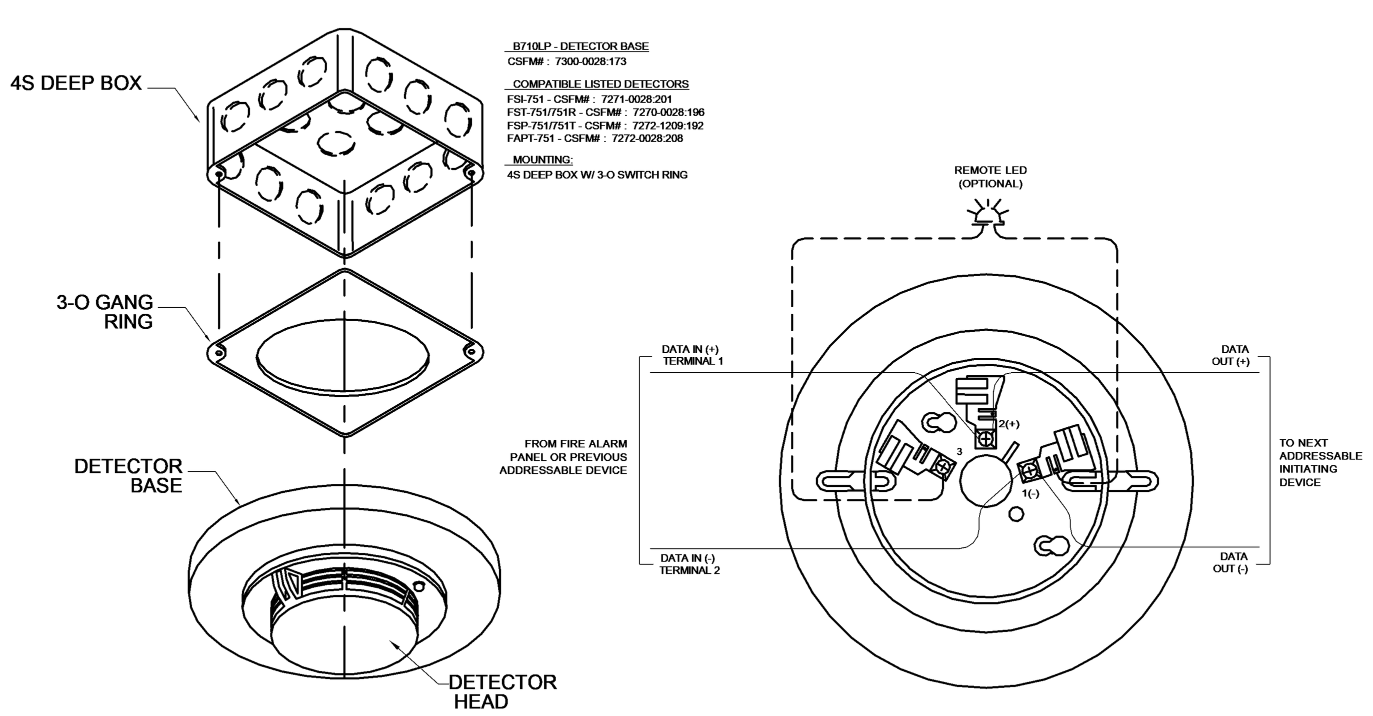
TYPICAL POWER SUPPLY LAYOUT	NTS	4



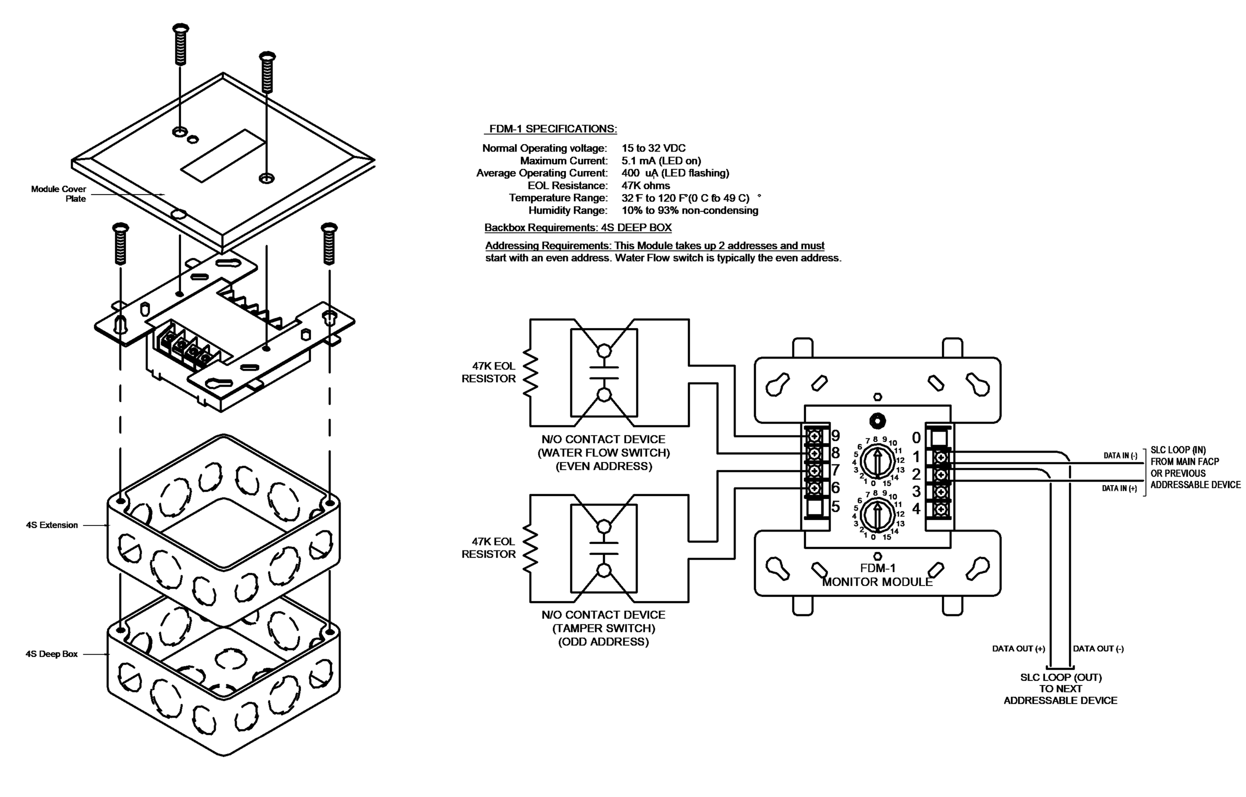
FIRE ALARM DEVICE ELEVATION DETAIL	NTS	6



WALL MOUNT AUDIO/VISUAL DEVICE DETAIL	NTS	8



SMOKE/HEAT DETECTOR BASE WIRING DETAIL	NTS	9



MONITOR MODULE WIRING DETAIL	NTS	11

NOT USED	NTS	12

AGENCY APPROVAL:

Sacramento City Unified School District

HMC DESIGN FOR GOOD Architects
3186-077-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916 368 7990 / www.hmcarchitects.com © 2025 HMC GROUP

ISSUE

Δ	DESCRIPTION	DATE

IMEG
www.imegcorp.com
1677 EUREKA ROAD
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PROJECT #26002109.00

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REGISTERED PROFESSIONAL ENGINEER KELDEN L. BOREN E17904 ELECTRICAL STATE OF CALIFORNIA
EXP DATE: 9/30/2026
05/05/2026

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
FIRE ALARM DETAILS

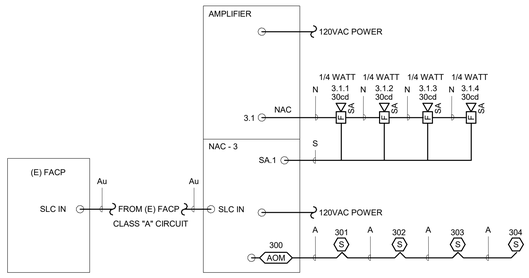
CONSTRUCTION DOCUMENTS

DATE: **04/14/26** CLIENT PROJ NO:

SHEET:
FA4.00

Autodesk Docs://3186077000 SCUSD Abraham Lincoln TK Classroom Add R24/3186077000-MEPFT-LNCLN-TK-MOD-Classroom.rvt
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THE LINE SHOWN ABOVE IS EQUAL TO ONE INCH (1") ON ORIGINAL DRAWING. IF NOT, ADJUST SCALES ACCORDINGLY



1 FIRE ALARM RISER
NO SCALE

SCOPE (SITE TO BE REMOVED):

1. DENERGIZE ALL POWER TO PORTABLE CLASSROOMS PRIOR TO ANY FIRE ALARM SYSTEM WORK.
2. DISCONNECT AND REMOVE ALL CONNECTIONS AND CONDUITS CONNECTING THE TWO CLASSROOMS FIRE ALARM SYSTEMS.
3. DISCONNECT AND REMOVE ALL CONNECTIONS FROM CLASSROOM FIRE ALARM SYSTEM BACK TO FIRE ALARM CONTROL PANEL. CAP ALL CONDUIT ENDS.
4. FIRE ALARM CONTRACTOR TO REPROGRAM FIRE CONTROL PANEL FOR THE REMOVAL OF PORTABLE CLASSROOMS IN ACCORDANCE WITH MANUFACTURERE'S INSTRUCTIONS.

SCOPE (SITE TO BE INSTALLED):

1. CONNECT EXISTING PORTABLE CLASSROOM FIRE ALARM SYSTEM TO EXISTING SCHOOL FIRE ALARM SYSTEM.
2. CONNECT FIRE ALARM SYSTEM DEVICES FROM BOTH CLASSROOMS TO CLASSROOM THAT CONTAINS FIRE ALARM POWER SUPPLY.
3. FIRE ALARM CONTRACTOR TO PROGRAM FIRE ALARM CONTROL PANEL FOR THE ADDITION OF NEW ADDRESSABLE DEVICES IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS.

NOTES:

1. FIRE ALARM RISER DIAGRAM IS MEANT FOR DIAGRAMATIC REPRESENTATION OF CIRCUIT CONNECTIONS.
2. EXISTING FACP IS LOCATED IN BUILDING MP.
3. REFER TO NFPA 72 FIGURE A.14.6.1.1(B) FOR TYPICAL INPUT/OUTPUT MATRIX.

01
└ SLC OR ZONE DEVICE #

1. SIGNALING LINE CIRCUIT (INITIATION) DEVICE ADDRESS. ADDRESSES MAY DIFFER DEPENDING ON MANUFACTURER.

N1 . 1
└ └ NAC DEVICE
└ NAC CIRCUIT
(FACP)

2. FIRE ALARM CONTROL PANEL NOTIFICATION APPLIANCE CIRCUIT ADDRESS.

A . 1 . 1
└ └ └ NAC DEVICE
└ └ NAC CIRCUIT
└ NAC POWER SUPPLY #
(REMOTE POWER SUPPLY)

3. REMOTE POWER SUPPLY NOTIFICATION APPLIANCE CIRCUIT ADDRESS.

SA . 1 . 1
└ └ └ SPEAKER/SPEAKER STROBE
└ └ SPEAKER CIRCUIT
└ AMPLIFIER NUMBER

4. EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM AMPLIFIER AND SPEAKER ADDRESSES.

NOTES:

1. DEVICE ADDRESSING VARIES DEPENDING ON THE MANUFACTURER. FIRE ALARM CONTRACTOR TO PROGRAM DEVICES ACCORDING TO THE MANUFACTURER'S OPERATION MANUAL.
2. CORRECT DEVICE ADDRESSING TO BE REFLECTED ON AS-BUILT RECORD DRAWINGS.

FIRE ALARM DEVICE ADDRESS LEGEND
NO SCALE

TAG	COND.	TYPE	AWG	DESCRIPTION	USE
A	2	SOLID	18	#18/2, RED JACKET, FPLP	SIGNAL LINE CIRCUIT (SLC)
Au	2	STRANDED	18	#18/2, RED JACKET (FIRE UNDERGROUND RATED)	SIGNAL LINE CIRCUIT (SLC) - UNDERGROUND
N	2	SOLID STRANDED	14	#12/2, RED JACKET, FPLP #14, THWN, RED(+) BLACK(-) WHEN USED IN CONDUIT	NOTIFICATION APPLIANCE CIRCUIT (NAC)
S	2	SOLID STRANDED	16	#14/2, RED JACKET, FPLP #14, THWN, RED(+) BLACK(-) WHEN USED IN CONDUIT	NOTIFICATION APPLIANCE CIRCUIT (NAC)
V	6	SOLID	18	#18/6, RED JACKET, FPLP	VBUS - VOICE BUS
Vu	6	STRANDED	18	#18 THWN RED(+) BLACK(-) JACKET (FIRE UNDERGROUND RATED)	VBUS - UNDERGROUND
S	2	STRANDED	18	#16/2 - OVERALL SHIELDED CLASS 2 CABLE	SPEAKER CIRCUIT

NOTES:

1. ALL FIRE ALARM INITIATING OR SLC CIRCUIT WIRING SHALL BE CLASS "B".
2. ALL FIRE ALARM NAC AND SPEAKER CIRCUIT WIRING SHALL BE CLASS "B".
3. SLC CIRCUIT FROM MAIN BUILDING TO PORTABLE CLASSROOM SHALL BE CLASS "A" CIRCUIT.

FIRE ALARM WIRE SCHEDULE
NO SCALE

VOLTAGE DROP CALCULATION

	NAC #	CKT #	DIST (FT)	Wire AWG	SYNC Qty	SYNC AMP	HORN/STROBE - CEILING MOUNT Qty	AMP	Qty	AMP	Qty	AMP	Qty	AMP	SPEAKER/STROBE - CEILING MOUNT Qty	AMP	Qty	AMP	Qty	AMP	Qty	AMP	WP SPEAKER/STROBE Qty	AMP	Total Amps	% Voltage Drop
					0.15	15cd	0.079	30cd	0.107	75cd	0.158	110cd	0.212	15cd	0.066	30cd	0.094	75cd	0.158	110cd	0.202	110cd	0.202			
(N) Booster 3	1	15	100	14	4	0.600																			0.60	1.85%
	2			12																						
	3			12																						
	4			12																						
			100		4																					

FORMULA (using DC resistance)

$$\%\ \text{Voltage Drop} = \frac{L \times I \times 2 \times DC}{1000 \times 20.4\ \text{VDC}} \times 100$$

L = Length of Circuit from Source to Last Device (feet)
I = Total Current Flow in Alarm Condition (AMPS)
DC = DC Resistance (ohms)

Gauge A.W.G.	DC Resistance
12	1.98
14	3.14
16	4.99
18	7.95

WORST CASE
1.85%

BATTERY CALCULATION FOR FIRE ALARM CONTROL PANEL AND REMOTE POWER SUPPLIES

DESCRIPTION	(E) BOOSTER 3				
		SUPERVISORY CURRENT		ALARM CURRENT	
	QTY	UNIT	TOTAL	UNIT	TOTAL
SMOKE/HEAT DETECTOR	4	0.00100	0.00400		
HORN/STROBE (15cd)	4	0.00500	0.02000	0.15000	0.60000
TOTAL			0.024		0.600
		0.024 A		0.600 A	
		x 24 H		x 0.083 H	
		0.576 AH		0.050 AH	
FIRE ALARM DEVICE QUANTITIES ARE SHOWN SOLELY FOR ENGINEERING CALCULATIONS. IT SHALL NOT BE USED FOR BID QUANTITY TAKEOFFS.		0.576 AH, STANDBY 0.050 AH, ALARM 0.626 AH, TOTAL 7 AH, BATTERY CAPACITY 6.374 AH, SPARE CAPACITY			

AGENCY APPROVAL:

Sacramento City Unified School District

DESIGN FOR GOOD
HMC Architects
3186-077-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
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REGISTERED PROFESSIONAL ENGINEER
KELDEN L. BOSEN
517904
ELECTRICAL
STATE OF CALIFORNIA
EXP DATE: 9/30/2026
05/05/2026

FACILITY:
ABRAHAM LINCOLN ELEMENTARY
3324 GLENMOOR DRIVE
SACRAMENTO, CA 95827

PROJECT:
SCUSD ABRAHAM LINCOLN PORTABLE CLASSROOM ADD

SHEET NAME:
FIRE ALARM DIAGRAMS

CONSTRUCTION DOCUMENTS

DATE: **04/14/26**
CLIENT PROJ NO:

SHEET:
FA5.00

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FOR CONCRETE FOUNDATION ONLY

TESTING LABORATORY: _____ DATE: _____

NAME: _____

DISTRICT OWNER: _____

DIVISION – FILE NO. _____ APPLICATION NO. _____

ARCHITECT: _____

STRUCTURAL ENGINEER: _____

STATE OF CALIFORNIA
DEPT. OF GENERAL SERVICES
OFFICE OF THE
STATE ARCHITECT

STRUCTURAL TESTS AND INSPECTIONS

SSS 103–1 (R 11/85)

THE FOLLOWING TESTS AND INSPECTIONS, AS CHECKED, WILL BE REQUIRED AS DETAILED IN APPLICABLE SPECIFICATIONS.

	Con-crete	Gunite	Grout	Mortar	
COMPACTED FILL					
Fill material, acceptance tests					Test of aggregate for mix design only
Compaction control, continuous					Suitability tests of aggregates as detailed below
Compaction tests only as directed					Mix designs (if method B or C used)
Bearing capacity of compact fill	X				Provide weighmaster's certificate
REINFORCING STEEL					Inspect placing
Sample and test bar steel					Sample
Sample and test mesh	X				Compression tests
Inspect placing at job					Pick samples at job
STRUCTURAL STEEL					Samples delivered to laboratory
Sample and tests as detailed below					Deliver sample forms to jobsite
Shop fabrication inspection					Sample and test cement
Field erection inspection					
Inspection of welds – Shop					
Inspection of welds – Field					
Inspection of riveting or bolting – Shop					
Inspection of riveting or bolting – Field					
Sample and test high strength bolts and washers					
BRICK AND BLOCK					
Sample and test					
Test only					
Inspection of placing					
Core drill samples					
GLUED LAMINATED STRUCTURAL LUMBER					
Fabrication inspection					
Sample and test steel accessories					
Inspect fabrication of steel accessories					

SUITABILITY TESTS	Concrete Materials	Gunite	Mortar	Grout
Sodium sulphate				
Structural strength				
Los Angeles rattler				
Clay (hydrometer method)				
Reactivity tests				
Volume change				

MIX DESIGNS: CONCRETE, GROUT, MORTAR OR GUNITE

MATERIAL	MAXIMUM SIZE	COMPRESSIVE STRENGTH, PSI, MINIMUM					
CONC.	1"	28 DAY 3000					

List of structural steel members to be tested

(Is this list continued: Yes No X)

Other Tests and Inspections, together with special instructions:

(Are these instructions continued: Yes No X)

Copies of Reports to:

By: _____
AUTHORIZED REPRESENTATIVE

OMIT	PAGE	DESCRIPTION
	A	INDEX AND TEST & INSPECTION SHEET
	A1	GENERAL NOTES
/	A1.1	12'x40' EXTERIOR ELEVATIONS
	A1.2	24'x40' EXTERIOR ELEVATIONS
/	A1.3	36'x40' EXTERIOR ELEVATIONS
/	A1.4	48'x40 EXTERIOR ELEVATIONS
/	A1.5	60'x40' EXTERIOR ELEVATIONS
/	A1.6	72'x40' EXTERIOR ELEVATIONS
/	A2.1	12'x40' FLOOR AND REFLECTED CEILING PLANS
	A2.2	24'x40' FLOOR AND REFLECTED CEILING PLANS
/	A2.3	36'x40' FLOOR AND REFLECTED CEILING PLANS
/	A2.4	48'x40' FLOOR AND REFLECTED CEILING PLANS
/	A2.5	60'x40' FLOOR AND REFLECTED CEILING PLANS
/	A2.6	72'x40' FLOOR AND REFLECTED CEILING PLANS
	A3	STANDARD DETAILS
	A4	GENERAL SPECIFICATIONS
	P1	STANDARD PLUMBING SPECIFICATIONS AND DETAILS
	S0.1	GENERAL NOTES AND TYPICAL DETAILS
	S0.2	TYPICAL DETAILS
/	S2.1S	12'x40' WOOD PAD & CONCRETE FOUNDATION PLANS
	S2.1W	WOOD PAD FOUNDATION PLANS
/	S2.2S	12'x40' FLOOR AND ROOF FRAMING PLANS
	S2.2M	MULTI-WIDE FLOOR AND ROOF FRAMING PLANS
/	S3.1S	12'x40' SHEARWALL ELEVATIONS
/	S3.1MA	MULTI-WIDE SHEARWALL ELEVATIONS (24', 36', & 48'x40')
/	S3.1MB	MULTI-WIDE SHEARWALL ELEVATIONS (60' & 72'x40')
	S5.1W	WOOD PAD FOUNDATION DETAILS
	S8.1	FRAMING DETAILS
	S8.2	FRAMING DETAILS
/	S9.1RA	RAMP AND LANDING PLANS AND DETAILS
/	S9.2R	STEEL STAIR DETAILS & ZERO CLEARANCE RAMP

SHEETS WHICH DO NOT APPLY TO THE APPLICATION ARE NOT INCLUDED. DETAILS WHICH ARE NOT APPLICABLE HAVE BEEN CROSSED OUT

SHEETS WHICH DO NOT APPLY TO THE APPLICATION ARE NOT INCLUDED. DETAILS WHICH ARE NOT APPLICABLE HAVE BEEN CROSSED OUT

NOT FOR CONSTRUCTION
WITHOUT A JOB SPECIFIC APPLICATION

34-53
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115037
AC NT FLS IR SS BSC
DATE 4-7-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 105088
AC FLS SS
DATE

DESIGN

ROOF LIVE LOAD = 30 PSF (SNOW)
FLOOR LIVE LOAD = 50/125 PSF
WIND = 80 MPH exp C
SEISMIC ZONE = 4
SEISMIC SOURCE TYPE A
DISTANCE TO KNOWN SOURCE ≥15KM

REVISIONS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02 101487
AC 4 FLS IR 3S
DATE 11/8/95
CBC 1998

DIVISION OF STATE ARCHITECT

ENGINEER

LICENSED ARCHITECT
MICHAEL A. McALLISTER
No. C-19,752
EXP. 07/31/01
STATE OF CALIFORNIA

ARCHITECT

LICENSED ARCHITECT
MICHAEL A. McALLISTER
No. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291

~~12'x40', 24'x40', 36'x40', 48'x40', 60'x40', 72'x40'~~
RELOCATABLE BUILDINGS
Segments of City Hall
Meeting Chamber Elements

TITLE AND TEST & INSPECTION SHEET

DRAWN TDL/CLP
CHECKED TLV
DATE 07/15/99
SCALE N.T.S.
JOB NO. 0313
FILE P269A

A

GENERAL:

A. ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF CALIFORNIA BUILDING CODE; TITLE 24, PART 2 AND TITLE 24, PART 1, GROUP 1. A COPY OF THESE REGULATIONS SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.

B. PLANS AND SPECIFICATIONS: CHANGES IN PLANS AND SPECIFICATIONS SHALL BE MADE BY THE ADDENDUM OR CHANGE ORDER, SIGNED BY THE ARCHITECT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT (DSA). CHANGE ORDERS SHALL ALSO BE SIGNED BY THE OWNER PRIOR TO APPROVAL BY DSA.

C. TESTING: TESTS OF MATERIALS SHALL BE BY A PERSON OR TESTING LABORATORY SELECTED BY THE OWNER WITH THE APPROVAL OF DSA AND THE ARCHITECT. THE OWNER SHALL BE RESPONSIBLE FOR THE COST OF TESTING, EXCEPT FOR THE RETESTING REQUIRED BY THE FAILURE OF ANY MATERIAL TO PASS.

D. ERECTION AT THE SITE: THE BUILDING SHALL BE TRANSPORTED, ERECTED AND SET ON FOUNDATION AS REQUIRED BY A LICENSED TRANSPORTER. ALL REQUIRED FINISH WORK SHALL BE COMPLETED BY SKILLED LABOR OF THE MANUFACTURER/CONTRACTOR, BUT WILL NOT INCLUDE UTILITIES SERVICE CONNECTION.

E. SITE WORK: THE OWNER, UNLESS OTHERWISE SHOWN ON THE APPROVED PLANS, WILL PROVIDE SITE(s) SATISFACTORY TO THE ARCHITECT OR ENGINEER FOR THE INSTALLATION OF THE RELOCATABLE BUILDING(s) THAT ARE LEVEL AND HAVE STABLE SOIL CONDITIONS WITH ADEQUATE SITE DRAINAGE, EXCEPT IF DESIGNATED IN THE CONTRACT DOCUMENTS AS THE RESPONSIBILITY OF THE MANUFACTURER/CONTRACTOR. IF ADDITIONAL GRADING AND/OR LEVELING IS NECESSARY FOR PROPER INSTALLATION OF MODULAR UNITS, THE ADDITIONAL CHARGE WILL BE THE RESPONSIBILITY OF THE OWNER.

F. UTILITIES: THE OWNER WILL BE RESPONSIBLE FOR ANY AND ALL UTILITY, FIRE ALARM OR SPECIAL ELECTRICAL SIGNAL SYSTEM CONNECTIONS EXCEPT IF DESIGNATED IN THE CONTRACT DOCUMENTS AS THE RESPONSIBILITY OF THE MANUFACTURER/CONTRACTOR.

FIRE EXTINGUISHER: 4A2A-10BC, PRESSURE TYPE, MAX. 48" TO EXTINGUISHER BRACKET - SEE SPECIFICATION SHEET A4.

INSULATION:
SHALL COMPLY WITH CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL. FLAME SPREAD -MAX. 25, SMOKE DEVELOP -MAX. 450 CBC SEC. 707. SEE SPECIFICATION SHEET A4.

T-GRID CEILING:
SUSPENDED T-BAR SYSTEM WITH LAY-IN PANELS
FLAME SPREAD - MAX. 0-25, SMOKE DEVELOP - MAX. 450
SEE SPECIFICATION SHEET A4.

FIRE ALARM SYSTEM: - SEE SPECIFICATION SHEET A4
THE OWNER, UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS, SHALL BE RESPONSIBLE FOR PROVIDING THE FIRE ALARM SYSTEM CONFORMING TO CALIFORNIA BUILDING CODE SECTION 305.9, THE CALIFORNIA ELECTRICAL CODE AND THE CALIFORNIA FIRE CODE, ARTICLE 10.

INSTALLATION OF THE FIRE PROTECTIVE SIGNALING SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING STATE FIRE MARSHAL LISTING NUMBER FOR EACH COMPONENT OF THE SYSTEM, HAVE BEEN APPROVED BY DSA.

INSTALLATION OF THE PROTECTIVE SIGNALING EQUIPMENT SHALL BE SUBJECT TO ACCEPTANCE TESTS AS REQUIRED BY THE ENFORCING FIRE AGENCY.

GROUNDING OF BUILDING COMPONENTS:

1. THE OWNER, UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS, SHALL RESPONSIBLE FOR PROVIDING THE NECESSARY GROUNDING OF THE BUILDING ELECTRICAL SYSTEM PER CEC SECTIONS 250-81 AND 250-83.

2. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY GROUNDING OF THE METAL PORTION BUILDING COMPONENTS (METAL FRAMED STEEL RAMP, ETC.) TO MEET THE REQUIREMENTS OF IR 27-1 ISSUED BY DSA

3. THE PROJECT INSPECTOR SHALL WITNESS AND VERIFY THE GROUNDING TESTS.

FACTORY-MADE AIR DUCTS: FACTORY-MADE AIR DUCTS SHALL BE APPROVED FOR THE USE INTENDED OR SHALL CONFORM TO THE REQUIREMENTS OF CMC STANDARD NO. 6-3. EACH PORTION OF A FACTORY-MADE AIR DUCT SYSTEM SHALL BE IDENTIFIED BY THE MANUFACTURER WITH A LABEL OR OTHER SUITABLE IDENTIFICATION INDICATING COMPLIANCE WITH CMC STANDARD NO. 6-3 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE TERMS OF THEIR LISTING.

INSULATION APPLIED TO THE EXTERIOR SURFACE OF DUCTS LOCATED IN BUILDINGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE DENSITY OF NOT MORE THAN 50 WHEN TESTED AS A COMPOSITE INSTALLATION INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED.

MATERIAL EXPOSED WITHIN DUCTS OR PLENUMS SHALL HAVE A FLAME-SPREAD RATING OF NOT MORE THAN 25 AND A SMOKE-DEVELOPMENT RATING OF NOT MORE THAN 50.

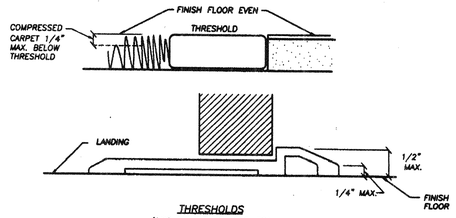
AIR FILTERS: AIR FILTERS SHALL BE LISTED UNITS PER UFC STANDARD NO. 9-6. AIR FILTERS SHALL COMPLY WITH ALL REQUIREMENTS OF STATE STANDARD 12-71-1.

PIPE AND TUBING: INSULATION AND COVERING ON PIPE AND TUBING SHALL HAVE A FLAME SPREAD-RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450 PER CBC SECTION 707.2

MODULE IDENTIFICATION LABEL:

THE MANUFACTURER SHALL PLACE TWO PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE, ONE MECHANICALLY FASTENED AND VISIBLE FROM THE EXTERIOR AND THE OTHER MECHANICALLY FASTENED TO THE INTERIOR FRAME ABOVE THE CEILING, AT THE END OF THE MODULE.

THE LABELS SHALL SHOW DSA APPLICATION NUMBER, MANUFACTURER'S NAME, SERIAL NUMBER, DESIGN LIVE LOADS FOR ROOF AND FLOOR FRAMING, WIND SPEED AND EXPOSURE CATEGORY.



THRESHOLDS
(CBC FIGURE NO. 11B-32)

THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION, NOT AS AN ILLUSTRATION OF A SPECIFIC THRESHOLD MODEL OR TYPE.

THRESHOLD - TYPICAL:
ALL THRESHOLDS TO CONFORM TO DIMENSIONS IN CBC FIGURE 11B-32

DOOR HARDWARE: SEE SPECIFICATION SHEET A4.
EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY OTHER SPECIAL KNOWLEDGE OR EFFORT. LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL, SHALL BE OPERABLE WITH A SINGLE-EFFORT BY LEVER HARDWARE; PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. SEE CBC SECTIONS 1003.3.1.8 AND 1003.3.1.9.

APPLICABLE CODES:

1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.

1998 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.; (1997 UNIFORM BUILDING CODE VOLUMES 1-3 AND CALIFORNIA AMENDMENTS)

1998 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.; (1996 NATIONAL ELECTRICAL CODE AND CALIFORNIA AMENDMENTS)

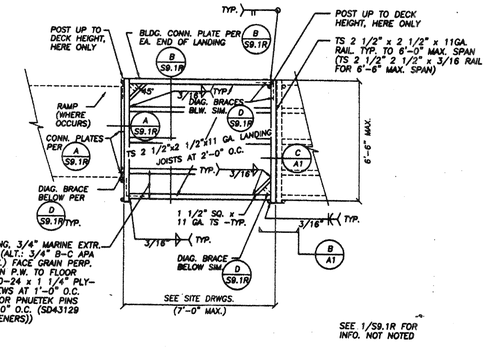
1998 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.; (1997 UNIFORM MECHANICAL CODE AND CALIFORNIA AMENDMENTS)

1998 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.; (1997 UNIFORM PLUMBING CODE AND CALIFORNIA AMENDMENTS)

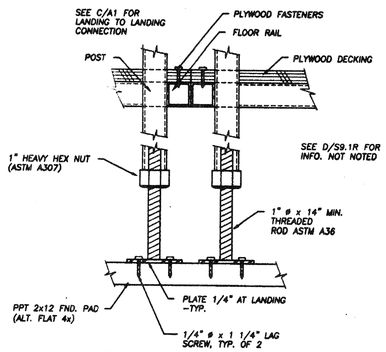
1998 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R. (1997 UNIFORM FIRE CODE AND CALIFORNIA AMENDMENTS)

1998 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

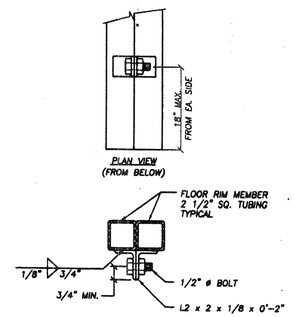
1990 TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS



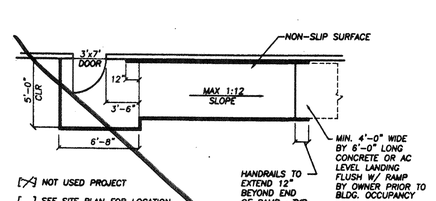
A/A1 LANDING FLOOR PLAN AT EXTENDED LANDING
NTS



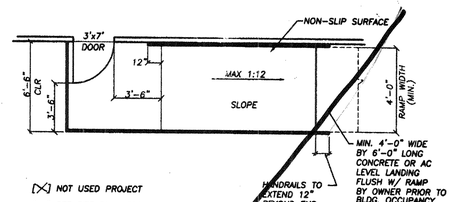
B/A1 LANDING TO LANDING CONNECTION AT BASE
NTS



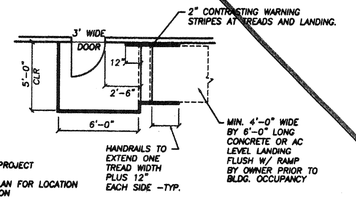
C/A1 LANDING TO LANDING CONNECTION
NTS



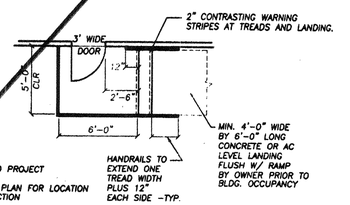
PORTABLE STEEL RAMP AND LANDING - TYPE "A"
(FOR DETAILS SEE SHEET S9.1R)



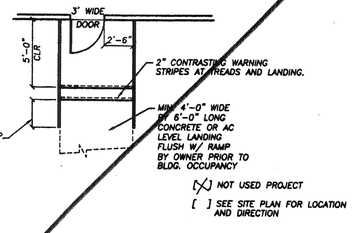
CONCRETE RAMP AND LANDING - TYPE "C"
(FOR DETAILS SEE SHEET S9.1R)



PORTABLE STEEL LANDING WITH STEPS - TYPE "A1"



CONCRETE LANDING WITH STEPS - TYPE "C1"



PORTABLE STEEL LANDING WITH STEPS - TYPE "A2"

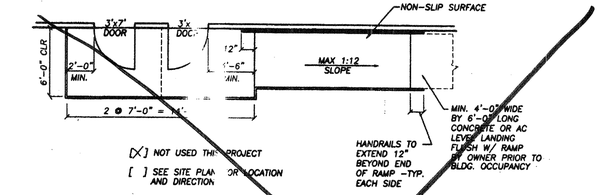
NOTE:
ALL RISERS MUST BE EQUAL HEIGHT PER CBC SEC. 1003.3.3.3
THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT NOT TO EXCEED THE SMALLEST BY 3/8".
RISER: 4" TO 7" MAX TREAD WIDTH: 11"

(FOR DETAILS SEE SHEET S9.2R)

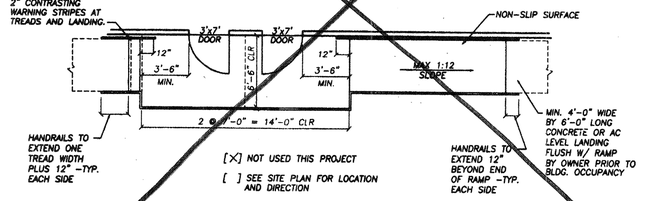
NOTE:
ALL RISERS MUST BE EQUAL HEIGHT PER CBC SEC 1003.3.3.3
THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT NOT TO EXCEED THE SMALLEST BY 3/8"
RISER: 4" TO 7" MAX TREAD WIDTH: 11"

(FOR DETAILS SEE SHEET S9.1R)

NOT USED



PORTABLE STEEL RAMP AND LANDING - TYPE "A3"
(AS SHOWN OR O.H.)



PORTABLE STEEL RAMP, STEPS AND LANDING - TYPE "A4"
(AS SHOWN OR O.H.)

NOT USED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115037
AC MT FLS MJ SS
DATE 4-7-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 105083
AC FLS 03
DATE 4-1-03

LICENSED ARCHITECT
MITCHELL A. McALLISTER
NO. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

REVISIONS

DC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02 101487
AC FLS RAL SS
DATE 11/6/97

DIVISION OF STATE ARCHITECT

ENGINEER

ARCHITECT

LICENSED ARCHITECT
TODD L. CLIFTON
C-19,752
EXP. 07/31/01
STATE OF CALIFORNIA

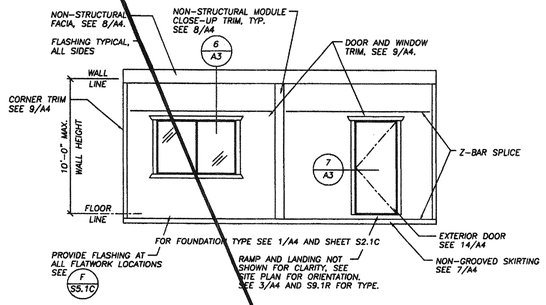
GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291

42'x40', 24'x40', 36'x40', 48'x40', 60'x40', 72'x40'
RELOCATABLE BUILDINGS
SACRAMENTO CITY U.S.D.
MARIAN DAVIS ELEMENTARY

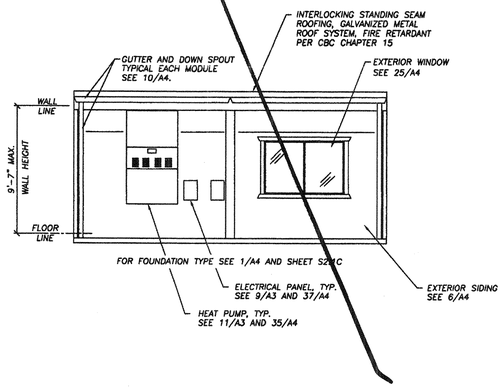
GENERAL NOTES AND RAMP & LANDING LAYOUTS

DRAWN TDL/CLP
CHECKED TLV
DATE 07/15/99
SCALE N.T.S.
JOB NO. 0313
FILE P269A1

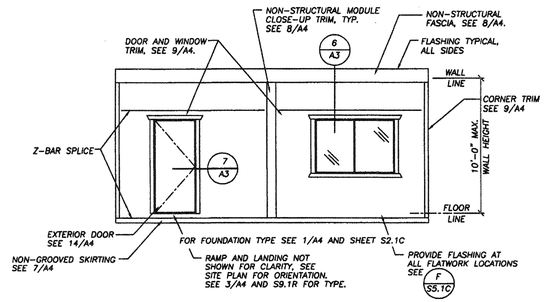
A1



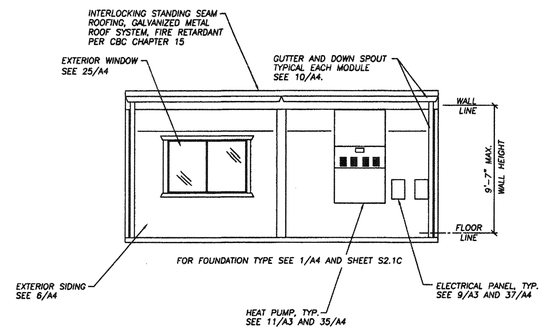
FRONT ELEVATION–A



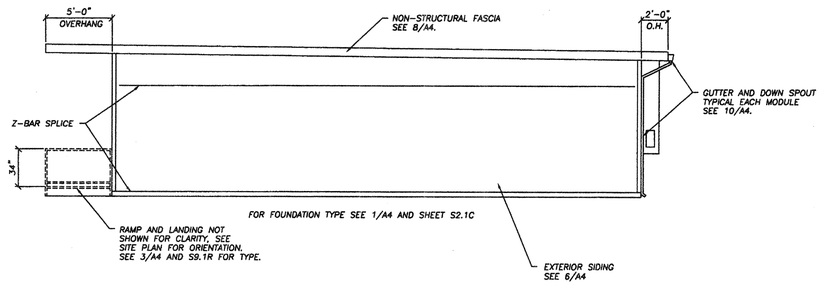
REAR ELEVATION–A



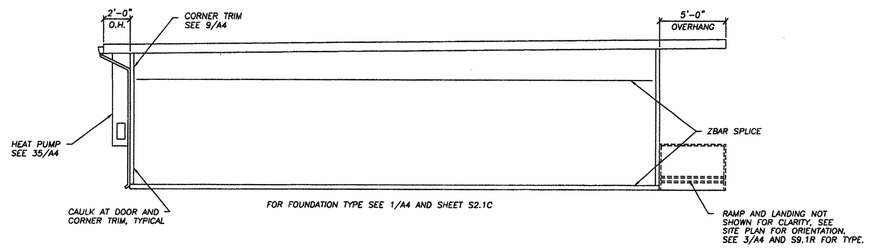
FRONT ELEVATION–B



REAR ELEVATION–B



SIDE ELEVATION



SIDE ELEVATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115937
DATE 4-7-2016

LICENSED ARCHITECT
RENEE L.A. McALISTER
NO. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115937
DATE 4-1-03

NOTE:

PROVIDE FOR UNDERFLOOR VENTILATION PER CBC 2317.7.

1 SQUARE FOOT OF VENTILATION IS REQUIRED FOR EACH 150 SQUARE FEET OF UNDERFLOOR AREA.

TOTAL VENTILATION REQUIRED:

23'-6" x 40'-0" = 940 SQ. FT. / 150 = 6.26 SQ. FT.

TOTAL VENTS REQUIRED:

CONCRETE FOUNDATION = 8-6"x24" VENTS

VENT LOCATION:

INSTALL VENTS AT LOCATIONS TO AVOID FOUNDATION PADS OR CONCRETE FLAT WORK, SEE SITE PLAN.

OPENINGS SHALL BE LOCATED CLOSE TO CORNERS. THE REQUIRED AREA SHALL BE EQUALLY DISTRIBUTED ALONG TWO OPPOSITE SIDES. PER TITLE 24 SECTION 2317A.7

REVISIONS

DIVISION OF STATE ARCHITECT

ENGINEER

REGISTERED PROFESSIONAL ENGINEER
JAMES T. DOUPNIK
No. 4424
Exp. 03/31/06
STRUCTURAL
STATE OF CALIFORNIA

ARCHITECT

GARY DOUPNIK MANUFACTURING, INC.

3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA 95650 (916) 652-9291

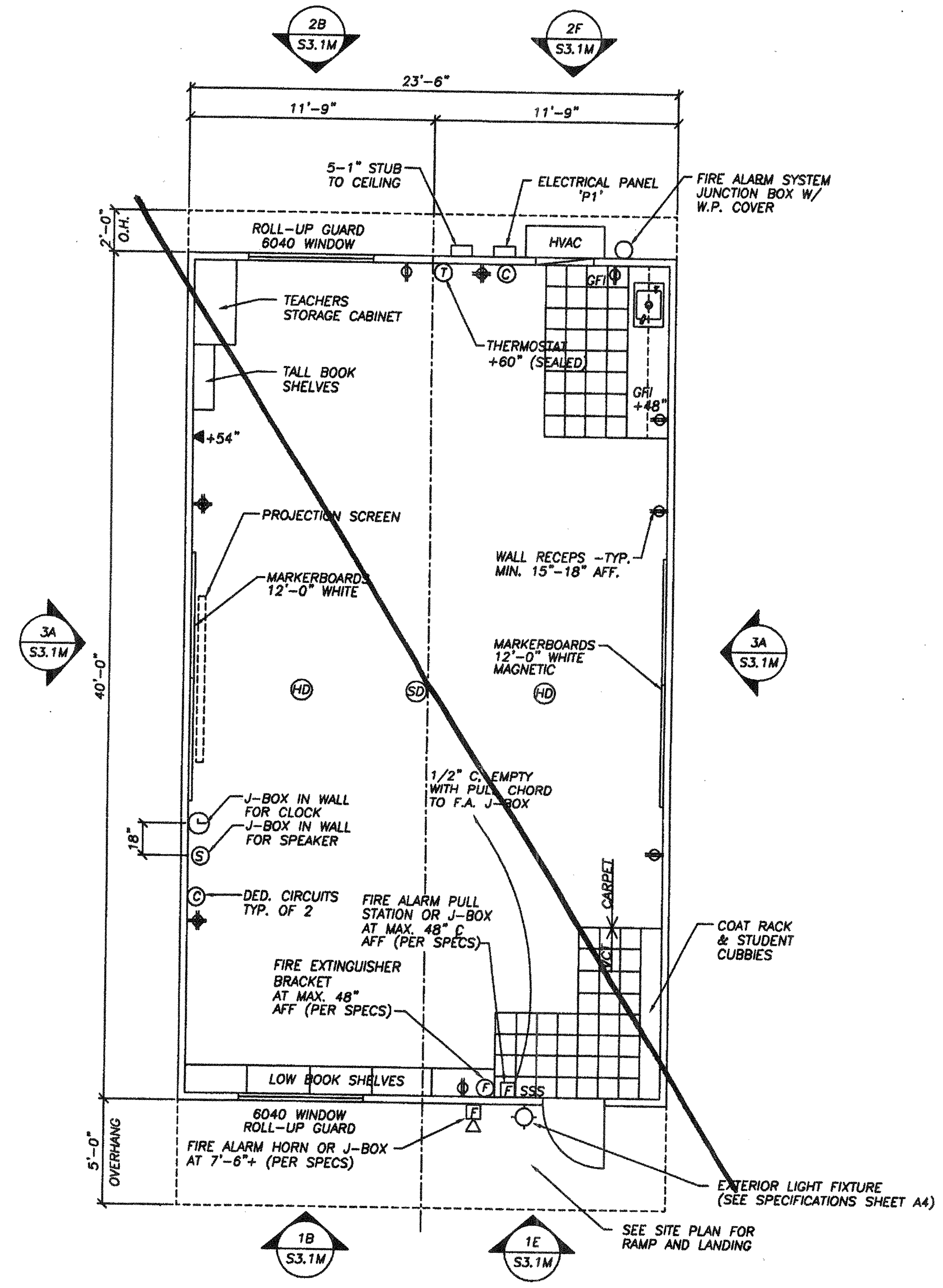
24'x40' RELOCATABLE BUILDINGS

SACRAMENTO CITY U.S.D.
HAGGINWOOD ELEMENTARY

24'x40' EXTERIOR ELEVATIONS

DRAWN	DPB
CHECKED	JTD
DATE	02/03/03
SCALE	3/16" = 1'-0"
JOB NO.	0313
FILE	0313A12

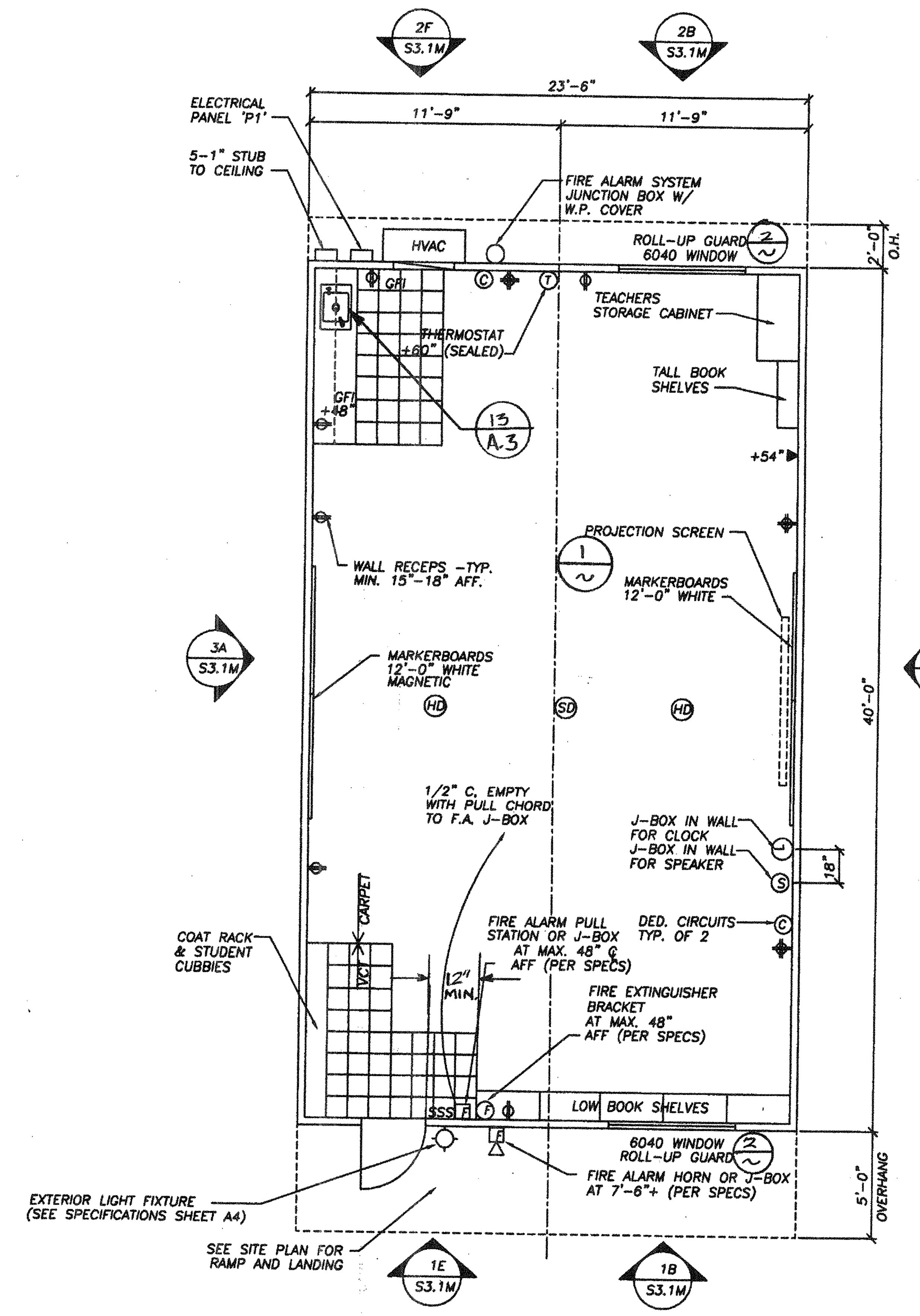
A1.2



FLOOR PLAN "A"

24'x40' CLASSROOM
E:\03 JOBS\0313\0313A22.dwg
02/03/03

SEE ELECTRICAL NOTES AND SPECS SHEET A4



FLOOR PLAN "B"

24'x40' CLASSROOM
E:\03 JOBS\0313\0313A22.dwg
02/03/03

SCHEDULE PANEL P1 — MAIN BKR: 200A
TYPE: SQD HOM (SEE SPEC SHEET) NEMA- 3R — VOLTS: 120/240
MOUNTING: SURFACE — PHASE: 1 — WIRE: 3

POLE NO.	SERVING	KVA LOAD	CKT BKR	ϕ	ϕ	CKT BKR	KVA LOAD	SERVING	POLE NO.
1	HVAC	3.5	45			20	1.1	RECEPS	2
3	⊥	3.5	/			20	.36	GFI RECEPS	4
5	DED. CIRCUITS	.18	20						6
7	│	.18	20						8
9	⊥	.36	20						10
11	LIGHTS	1.1	20						12
13									14
15									16
17									18

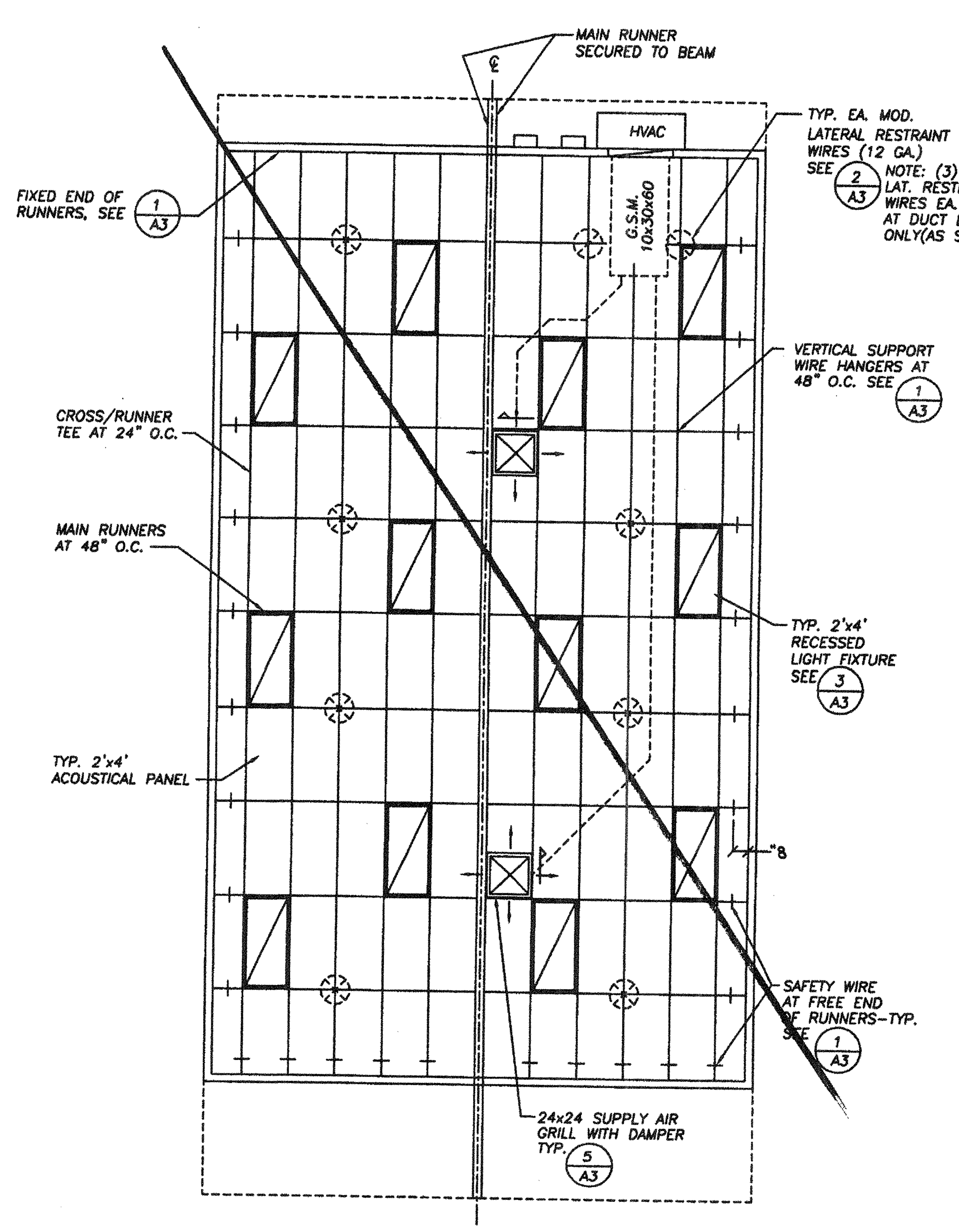
CONNECTED LOAD: KVA 10.28KVA 230V = 45 AMPS

** 12 SEER UNIT
* MAY BE HIGHER IF WATER HEATER IS USED.

PANEL LISTED FOR USE AS SERVICE EQUIPMENT
* HACR RATED C.B. WITH 'LOCK-OFF' CLIP

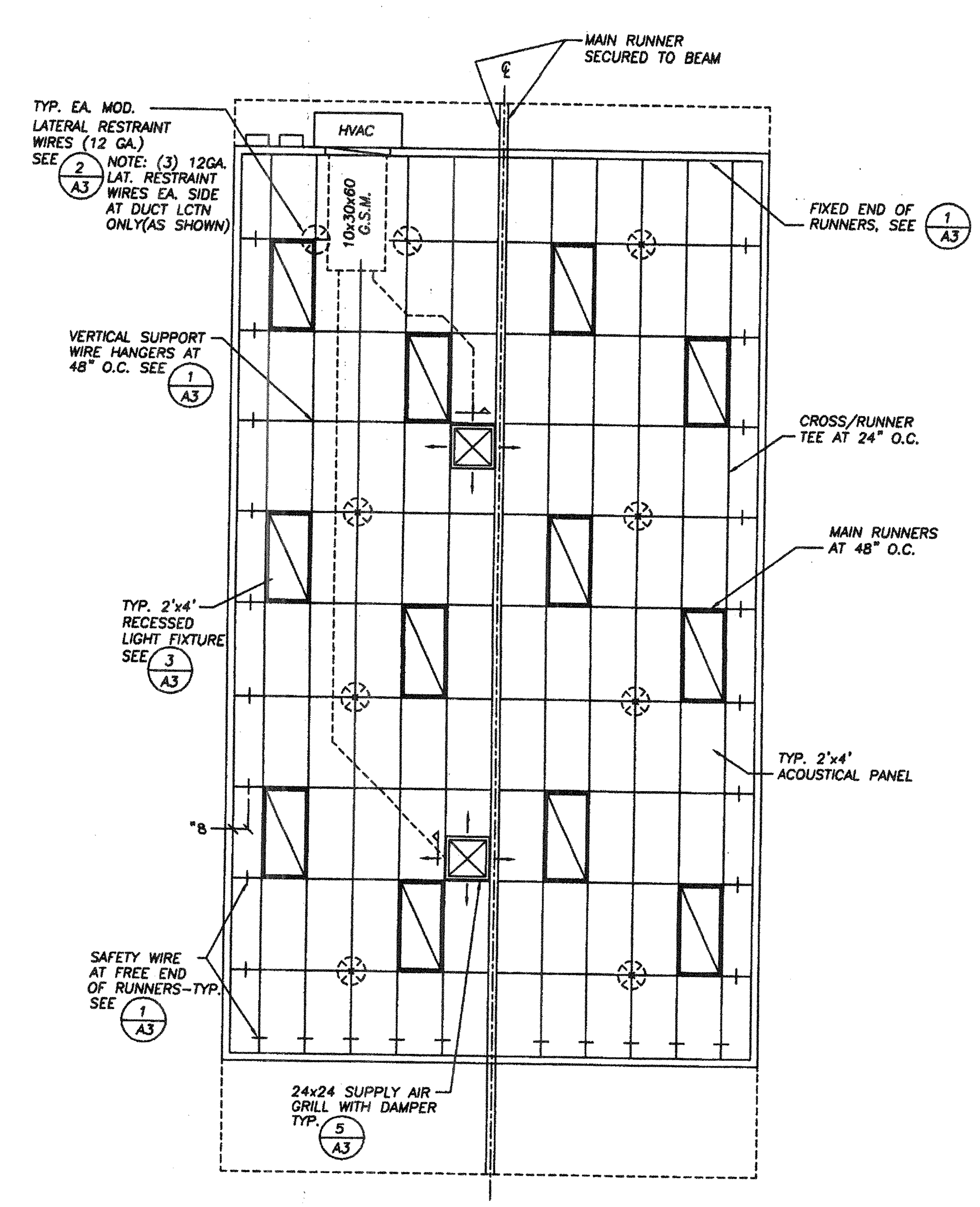
ELECTRICAL NOTES

1. GROUNDING OF ELECTRICAL SYSTEM PER DETAIL 8/A3. SEE GROUNDING OF BLDG COMPONENT NOTES, SHT. A1.
* 2. IF MAIN FUSES ARE NOT PROVIDED IN THE HEAT PUMP UNIT BY THE EQUIPMENT MANUFACTURER, THE HVAC UNIT CIRCUIT BREAKER(s) MUST BE HACR RATED.
* 3. A LOCK OFF CLIP IS TO BE PROVIDED FOR THE HEAT PUMP FEEDER CIRCUIT BREAKER.
4. ALL WIRING TO BE IN MINIMUM 1/2" CONDUIT.
5. ALL RACEWAYS SHALL CONTAIN EQUIPMENT GROUNDING CONDUCTOR PER CEC 250-95.
6. CONDUCTORS TO BE LISTED FOR USE AT 75° C MINIMUM. DERATING MAY BE REQUIRED OF 60° C RATED WIRE (TW).
7. MAIN CIRCUIT BREAKER PER CEC 230-70.

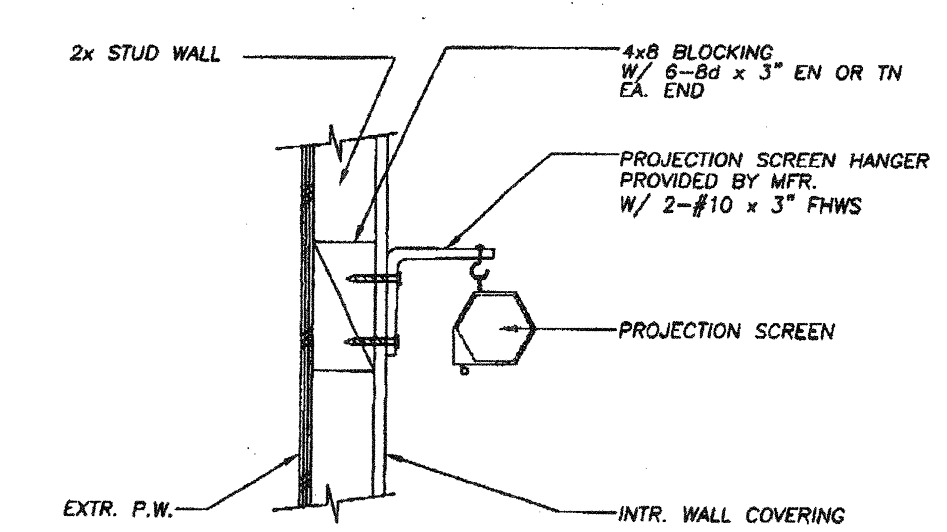


REFLECTED CEILING PLAN

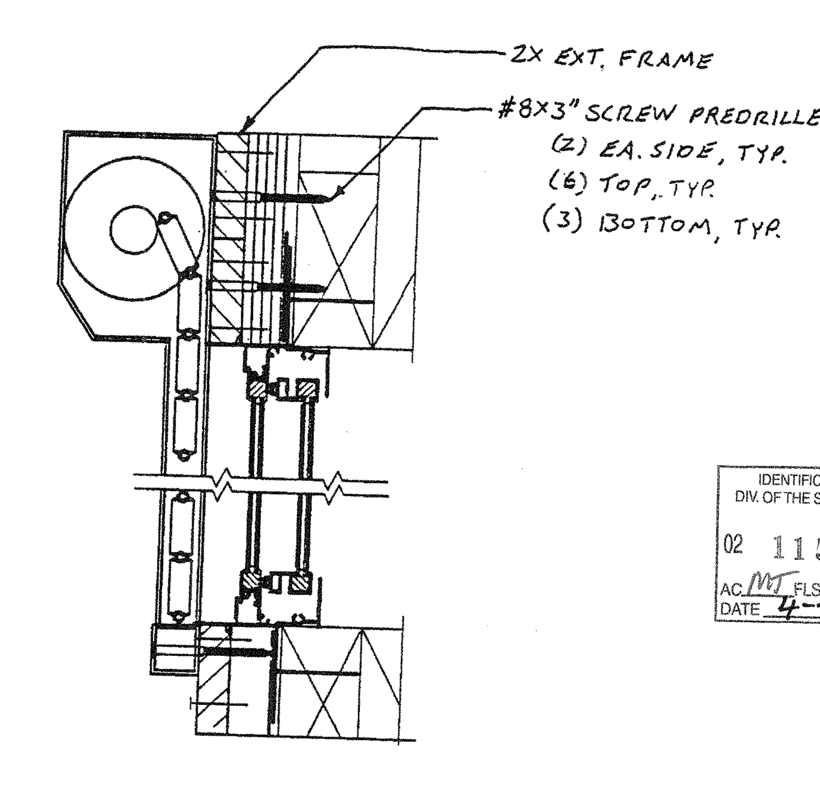
CEILING HEIGHT AT 8'-6"



REFLECTED CEILING PLAN



1 PROJECTION SCREEN BRACKET CONN.
SCALE: 1 1/2" = 1'-0"



TYPICAL WINDOW SHUTTER 2
NO SCALE

ROOM SIGNAGE
PROVIDE ROOM SIGNAGE PER SECTION 1117B.5

STEEL EXPOSED CEILING GRID SYSTEM- SEE SPEC SHT A4
SHALL COMPLY WITH CBC CHAPTER 25A
AND IR M-3. (HEAVY DUTY MAIN RUNNERS)
ACOUSTIC LAY-IN PANELS - SEE SPEC SHT A4
FLAME SPREAD: 0-25
SMOKE DEVELOPED: 450 MAX.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
02 115037
AC MT FLS SS
DATE 4-7-2016

IDENTIFICATION STAMP OF THE STATE ARCHITECT
105083
AC FLS 03
DATE

LICENSED ARCHITECT MITCHELL A. McALLISTER No. C-17250 REN. 2/28/17 STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER TERRY LYNN VERDONER No. 4424 Exp. 03/31/06 STRUCTURAL STATE OF CALIFORNIA

REVISIONS

DIVISION OF STATE ARCHITECT

ENGINEER

ARCHITECT

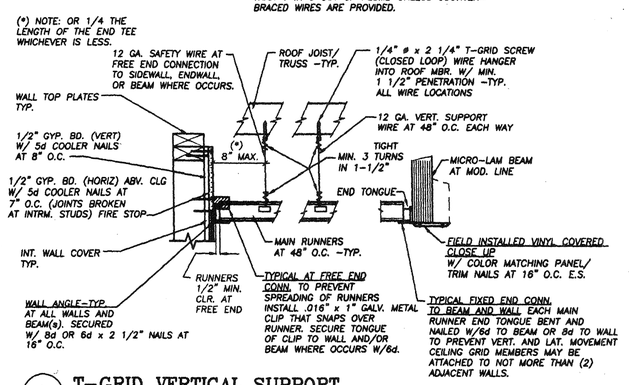
GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291

24'x40' RELOCATABLE BUILDINGS
SACRAMENTO CITY U.S.D.
MARIAN ANDERSON ELEMENTARY
24'x40' FLOOR AND REFLECTED CEILING PLANS

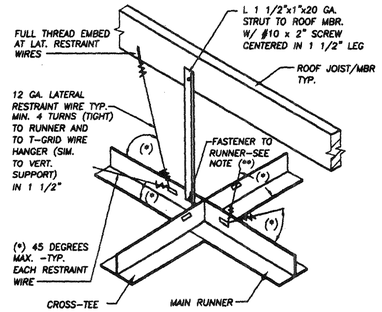
GDmfg

DRAWN: MLP/DPB
CHECKED: JTD
DATE: 02/03/03
SCALE: 3/16"=1'-0"
JOB NO.: 0313
FILE: 0313A22

A2.2



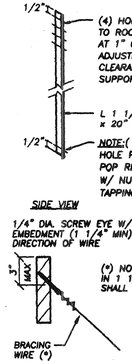
1 T-GRID VERTICAL SUPPORT



NOTE: LATERAL RESTRAINT WIRES (4 EACH) SECURED TO MAIN RUNNER WITHIN 2" OF CROSS-TEE INTERSECTION AND SPLAYED AT 90 DEGREES FROM EACH OTHER. RESTRAINT WIRES PLACED IN EACH MODULE NOT TO EXCEED 12 FEET O.C. IN EITHER DIRECTION FROM EACH OTHER. THE FIRST POINT OF WIRES WITHIN 6 FEET FROM SURROUNDING WALL. INSTALL T-GRID WIRE HANGERS PARALLEL TO DIRECTION OF LOAD.

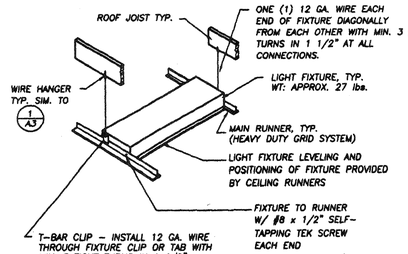
2 T-GRID LATERAL SUPPORT
SCALE: 1-1/2" = 1'-0"

NOTE: STRUT SHALL NOT REPLACE VERT. HANGER WIRE AT 48" O.C. PER DET. 1/A3

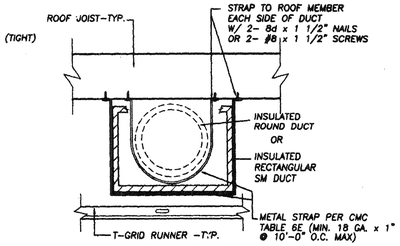


BRACING WIRE DETAIL
SCALE: NTS

NOTE: IF FIXTURE WEIGHS MORE THAN 56 lbs., IT MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN (4) TAUT 12 GA. WIRES. (ONE EACH CORNER)



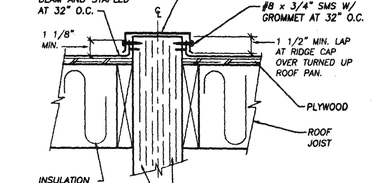
3 RECESSED LIGHT FIXTURE
SCALE: 3/8" = 1'-0"



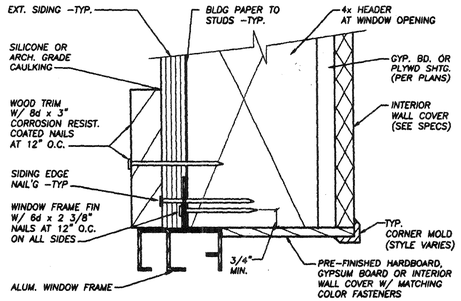
FACTORY-MADE AIR DUCTS: SEE GENERAL NOTES ON SHEET A1

4 DUCT MOUNTING DETAIL
SCALE: 1" = 1'-0"

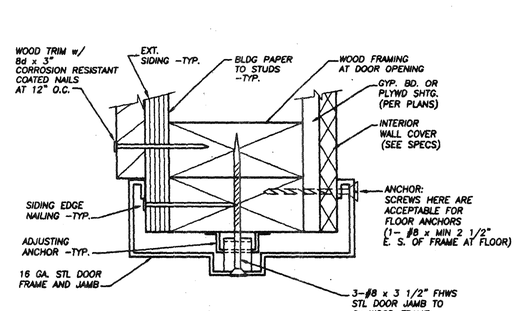
NOTE: IF FIXTURE WEIGHS MORE THAN 56 lbs., IT MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN (4) TAUT 12 GA. WIRES. (ONE EACH CORNER)



5 T-GRID AIR TERMINAL/ SERVICE FIXTURE
SCALE: 3/8" = 1'-0"

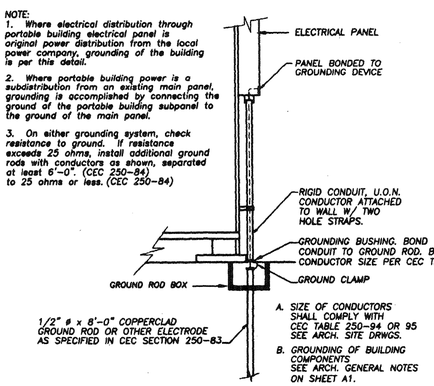


6 EXTERIOR WINDOW HEAD - TYP. (SIM. AT SILL AND JAMB)
SCALE: 6"=1'-0"

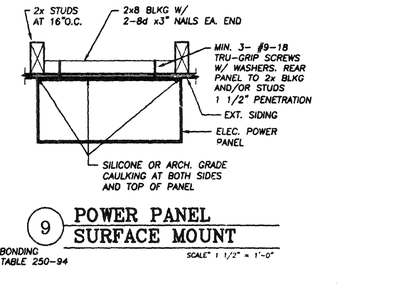


7 EXTERIOR DOOR JAMB METAL FRAME
SCALE: 6" = 1'-0"

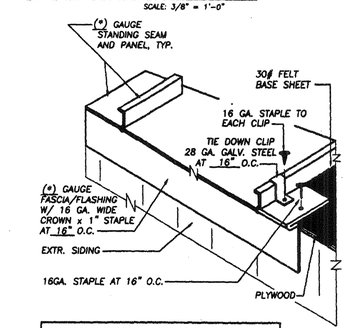
NOTE:
1. Where electrical distribution through portable building electrical panel is original power distribution from the local power company, grounding of the building is per this detail.
2. Where portable building power is a subdistribution from an existing main panel, grounding is accomplished by connecting the ground of the portable building subpanel to the ground of the main panel.
3. On either grounding system, check resistance to ground. If resistance exceeds 25 ohms, install additional ground rods with conductors as shown, separated at least 6'-0" (CEC 250-84) to 25 ohms or less. (CEC 250-84)



8 GROUNDING DETAIL
Scale: 3/4"=1'-0"



9 POWER PANEL SURFACE MOUNT
SCALE: 1 1/2" = 1'-0"

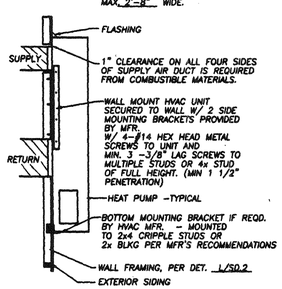


STANDARD ROOFING - NON-SNOW LOAD
(*) SEE SPECIFICATION SHEET A4
ROOFING: NON-STRUCTURAL (*) GAUGE GALV. SHEET METAL INTERLOCKING STANDING SEAM. APPLIED OVER 30# FELT BASE SHEET AND MIN. 15/32" PLYWOOD DECKING. FIRE RETARDANT PER CBC SECTION 1504.1

10 METAL ROOF SYSTEM

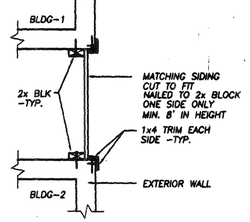
15 RIDGE CAP AT ROOF MOD. LINE
SCALE: 2" = 1'-0"

UNIT WEIGHT: 500 LBS. MAX
SIZE OF SUPPLY & RETURN AIR OPENINGS PER MFR'S SPECS MAX. 2'-8" WIDE.

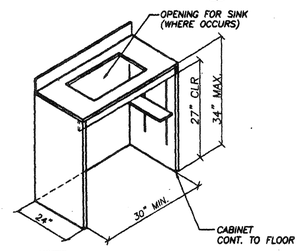


AIR FILTER: SEE GEN. NOTES ON SHEET A1

11 HVAC MOUNTING DETAIL
SCALE: 3/8" = 1'-0"
(FOR ROOF MOUNT UNIT SEE J/S8.2)

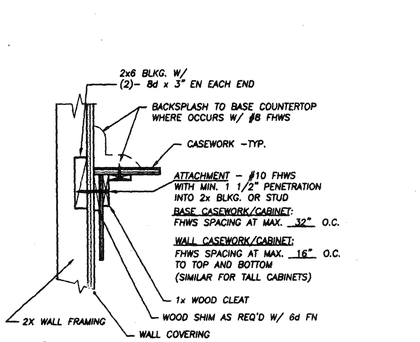


12 CLOSURE AT UNITS SET ADJACENT TO EACH OTHER
NTS

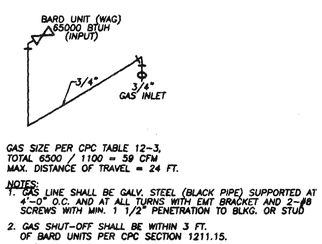


NOTES:
* DOORS NOT SHOWN FOR CLARITY DOORS ARE TO BE PROVIDED
* MODIFY BASE AS SHOWN FOR WHEELCHAIR ACCESS
* PROVIDE ADJUSTABLE METAL STANDARDS AND REMOVABLE SHELF (INTERMEDIATE AND BOTTOM)

13 ACCESSIBLE CABINET
SCALE: 1/2"=1'-0"



14 CASEWORK TO WALL ATTACHMENT
(BASE CASEWORK SHOWN, WALL AND TALL CASEWORK SIMILAR)



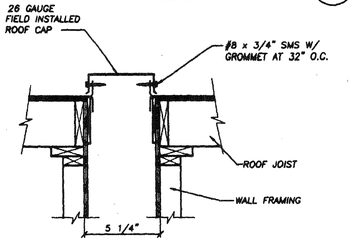
NOTE: SEE DET. 10A/A3 FOR INFO. NOT SHOWN

16 RIDGE CAP AT ALT. O.H. AT ROOF MOD. LINE
SCALE: 2" = 1'-0"

GAS SIZE PER CPC TABLE 12-3, TOTAL 6500 / 1100 = 59 CFM MAX. DISTANCE OF TRAVEL = 24 FT.

NOTES:
1. GAS LINE SHALL BE GALV. STEEL (BLACK PIPE) SUPPORTED AT 4'-0" O.C. AND AT ALL TURNS WITH EMT BRACKET AND 2-ø8 SCREWS WITH MIN. 1 1/2" PENETRATION TO BLKG. OR STUD
2. GAS SHUT-OFF SHALL BE WITHIN 3 FT. OF BARD UNITS PER CPC SECTION 1211.15.

17 GAS HEATING SYSTEM
N.T.S.



18 ROOF CLOSURE @ BUILDING SEPARATION
N.T.S.

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DIV. OF THE STATE ARCHITECT
02 115037
AC FLS
DATE 4-7-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 105033
AC FLS
DATE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 101487
AC FLS
DATE

DIVISION OF STATE ARCHITECT

ENGINEER

ARCHITECT

LICENSED ARCHITECT
MICHAEL A. McALLISTER
NO. C-19752
EXP. 07/31/01
STATE OF CALIFORNIA

LICENSED ARCHITECT
MICHAEL A. McALLISTER
NO. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291
12'x40', 24'x40', 36'x40', 48'x40', 60'x40', 72'x40'
RELOCATABLE BUILDINGS
Sacramento CITY U.S.D.
Harlan L. Peterson Elementary
STANDARD DETAILS

DRAWN	TDL/CLP
CHECKED	TVL
DATE	07/15/99
SCALE	N.T.S.
JOB NO.	0313
FILE	P289A3

A3

GENERAL SPECIFICATIONS

A. MATERIALS AND WORKMANSHIP:

ALL WORKMEN SHALL BE SKILLED AND QUALIFIED FOR THE WORK WHICH THEY PERFORM. ALL MATERIALS USED, UNLESS OTHERWISE SPECIFIED, SHALL BE NEW AND OF THE TYPES AND GRADES SPECIFIED.

WORKMANSHIP SHALL BE EQUAL OR BETTER IN QUALITY TO THAT REQUIRED BY THE CONSTRUCTION TRADES FOR A FINISHED PRODUCT.

THE CONTRACTOR SHALL CERTIFY THAT NO ASBESTOS-CONTAINING BUILDING MATERIALS WHICH EXCEED STATE AND FEDERAL MANDATED SAFE ASBESTOS LEVELS HAVE BEEN USED IN THE CONSTRUCTION OF RELOCATABLE FACILITIES.

B. GENERAL DESIGN REQUIREMENTS:

EACH MODULE SHALL BE PERMANENTLY IDENTIFIED WITH TWO METAL IDENTIFICATION LABELS ON EACH MODULE WITH THE FOLLOWING INFORMATION:

a. DSA APPLICATION NUMBER
b. DESIGN WIND SPEED AND EXPOSURE
c. DESIGN ROOF LIVE LOAD
d. DESIGN FLOOR LIVE LOAD
e. MANUFACTURER'S NAME
f. SERIAL NUMBER

EACH MODULE SHALL BE CAPABLE OF RESISTING ALL VERTICAL AND LATERAL LOADS DURING TRANSPORTATION AND RELOCATION. (NORMAL INDUSTRY PRACTICE FOR BRACING MODULES DURING TRANSPORTATION IS ACCEPTABLE). WHEN MODULES ARE ASSEMBLED, JOINTS SHALL BE SEALED WITH REMOVABLE CLOSING STRIPS OR OTHER METHOD TO PRESENT A FINISHED APPEARANCE AND BE PERMANENTLY WATERPROOF.

EACH MODULE SHALL BE SUFFICIENTLY RIGID TO BEJACKED UP AT THE FRONT AND BACK CORNERS FOR RELOCATION WITHOUT DAMAGE IN ONE PIECE WITHOUT ADDITIONAL SUPPORTS OF ANY TYPE. EVIDENCE OF EXCESSIVE BOWING DURING THE INSTALLATION OF THE MODULES WHICH, IN THE OPINION OF THE AGENCY ARCHITECT OR STRUCTURAL ENGINEER, CAUSES EXCESSIVE WORKING AT ANY JOINT OR COMPROMISES THE STRUCTURAL INTEGRITY OF THE MODULE, SHALL BE SUFFICIENT REASON FOR REJECTION OF THE MODULE.

C. FRAMING: ROOF, WALLS AND FLOOR:

FRAMING MEMBERS SHALL BE OF THE GRADE AND SIZE CALLED FOR ON THE STRUCTURAL PLANS.

D. MOISTURE BARRIER:

ALL WEATHER-EXPOSED SURFACES SHALL HAVE A WEATHER-RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING. SUCH BARRIER SHALL BE EQUAL TO THAT PROVIDED FOR IN UBC STANDARD 14-1 FOR KRAFT WATERPROOF BUILDING PAPER. BARRIER SHALL BE FREE FROM HOLES AND BREAKS OTHER THAN THOSE CREATED BY FASTENERS AND CONSTRUCTION SYSTEM DUE TO ATTACHING OF THE BUILDING PAPER.

E. ZBAR:

ALL HORIZONTAL JOINTS IN SIDING SHALL BE PROTECTED BY GALVANIZED Z BAR FLASHNG, INCLUDING:

a. JUNCTION OF SIDING AND SKIRTING ON WOOD FLOOR FRAME UNITS.

FLASHING NEED NOT BE USED WHERE SKIRTING MEETS THE UNDERSIDE OF AN EXPOSED METAL FIBER FRAME AND THE SKIRTING IS RECESSED SUFFICIENTLY TO PROTECT THE TOP EDGE OF PLYWOOD.

F. ROOF OVERHANG:

ALL OVERHANGS SHALL PRESENT A PLEASING AND FINISHED APPEARANCE. SOFFITS SHALL BE ENCLOSED WITH NO VISIBLE FRAMING MEMBERS. SOFFIT MATERIAL SHALL BE 3/8" MIN. EXTERIOR SIDING. PLYWOOD SOFFIT MATERIAL SHALL BE APPLIED WITH EXPOSED GRAIN RUNNING PARALLEL TO THE LENGTH OF THE BUILDING. SOFFIT SHALL BE NEATLY AND CLOSELY FITTED AND TRIMMED TO COVER GAPS. ALL ENCLOSED SOFFIT AREAS SHALL BE VENTILATED PER CBC SECTION 1505.3.

G. ENTRY LANDING AND RAMP:

EACH MODULE SHALL HAVE A LANDING(s) AND RAMP(s) TO CONFORM TO CBC SECTION 1003.3.4. THE LANDING(s) AND RAMP(s) STRUCTURE, INCLUDING HANDRAIL AND WHEEL GUIDES, ARE TO BE PREFABRICATED METAL IN SECTIONS THAT ARE DEMOUNTABLE FOR MOVING AND REINSTALLATION AT A NEW SITE. THERE SHALL BE SUFFICIENT CROSS BRACING UNDER THE RAMP SURFACE TO PREVENT BOUNCE OR OIL CANNING OF THE RAMP SURFACE. DESIGN SHALL BE SUCH THAT HEIGHT ADJUSTMENT CAN BE MADE AT THE INSTALLATION SITE.

RAMP SHALL HAVE SKID RESISTANT SURFACE.

H. ELECTRICAL MATERIALS:

ALL ELECTRICAL WIRING 110V AND GREATER SHALL BE IN CONDUIT SYSTEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF CEC. MINIMUM SIZE CONDUIT IS 1/2"

ACCEPTABLE CONDUIT:
RIGID ELECTRICAL METALLIC TUBING (EMT); GALVANIZED THIN WALL
FLEXIBLE (INTERIOR); GALVANIZED STEEL
FLEXIBLE (EXTERIOR); GALVANIZED STEEL WITH FACTORY APPLIED PVC

ALL CONDUIT SHALL BE CONTINUOUS FROM OUTLET TO OUTLET AND SHALL BE SECURED IN CONFORMANCE WITH THE CEC. FIELD BENDS SHALL BE AVOIDED WHEREVER POSSIBLE. WHERE BENDS MUST BE MADE, USE AN APPROPRIATE "HICKEY" OR BENDING MACHINE. REAM AND DEBUR ALL CONDUIT PRIOR TO INSTALLATION AND TERMINATE IN APPROPRIATE BUSHINGS OR CONNECTORS, JACKET. WIRING SHALL BE #14 MIN. COPPER TYPE TW, THW, THWN AS APPLICABLE. CONDUIT FILL SHALL NOT EXCEED REQUIREMENTS OF THE CEC. A SEPARATE GROUNDING CONDUCTOR SHALL BE PULLED THROUGHOUT THE ENTIRE SYSTEM. CARE SHALL BE TAKEN TO AVOID DAMAGE TO WIRE OR INSULATION DURING PULLING. POWDERED SOAPSTONE OR A PULLING COMPOUND SUCH AS "YELLOW 77" LUBRICANT MAY BE USED IF NECESSARY.

VARIABLE SPECIFICATIONS

1. FOUNDATION
[] 50 PSF PT WOOD PADS
[] 125 PSF PT WOOD PADS
[X] CONCRETE 50 PSF
[X] FLASHING REQUIRED

2. FOUNDATION VENTS
PROVIDE ONE SQUARE FOOT OF NET FREE FLOW AREA PER 150 SQUARE FEET OF FOUNDATION PERIMETER.
[] SCREEN VENTS
[X] EXPANDED METAL
[] OTHER ______

3. RAMP, LANDING AND STAIRS
[] PORTABLE STEEL MODULES
[] CONCRETE, PROVIDE STEEL HANDRAILS
[X] OTHER Flashing all sides.

4. ROOF OVERHANGS
[X] 5'-0" AT FRONT, 2'-0" AT REAR
[] 5'-0" AT BOTH FRONT AND REAR
[] OTHER ______

5. DROP SOFFIT
[X] MATCH RAFTER SIZE
[] 2'-0" DEEP AT 5'-0" OVERHANGS
[] OTHER ______

6. EXTERIOR PLYWOOD SIDING (STRUCTURAL)
EXTERIOR SIDING MUST MEET MINIMUM STRUCTURAL REQUIREMENTS SPECIFIED IN GENERAL SPECIFICATIONS PARAGRAPH 2.
[X] 5/8" 4x8 DURATEMP APA RATED SIDING GROOVED AT 8" O.C.
[] 5/8" 4x8 MDO APA 303-OL GROOVED AT 8" O.C.
[] 5/8" 4x8 T1-11 APA 303 GROOVED AT 8" O.C.
[] OTHER ______

7. PLYWOOD SKIRTING (NON-STRUCTURAL)
[X] 5/8" NON-GROOVED DURATEMP APA RATED SIDING
[] 5/8" MDO APA 303-OL GROOVED AT 8" O.C.
[] OTHER ______

8. FASCIA AND CLOSE-UP TRIM (NON-STRUCTURAL)
[X] 1/2" THICK TEXTURED HARDBOARD
[] OTHER ______

9. DOOR, WINDOW AND CORNER TRIM (NON-STRUCTURAL)
[X] 1x4 RESAWN DRY SPRUCE, D.F. OR HEM FIR
[] OTHER ______

10. GUTTERS AND DOWN SPOUTS
PROVIDE ONE SET PER BUILDING MODULE, PREFINISHED DARK DROWN
[] 30GA GALVANIZED STEEL
[X] HEAVY DUTY DOWN-SPOUTS: ____GA.
[] OTHER ______

11. PAINT
EXPOSED STEEL PAINTED WITH HIGH GLOSS DTM INDUSTRIAL ENAMEL 100% ACRYLIC.
EXPOSED WOOD PAINTED WITH LATEX ACRYLIC SELF PRIMING PAINT

12. ROOFING
[X] 26GA GALVANIZED STEEL STANDING SEAM, FIRE RATED PER UBC STANDARD 15-2, CLASS B.
[] CAULKING REQUIRED (SNOW)
[] OTHER ______

13. INSULATION
SEE GENERAL NOTES ON SHEET A1 FOR STANDARDS AND FIRE RATING.
[X] R11 AT FLOOR AND WALLS; R19 AT ROOF
[] OTHER ______
[] SOUND INSULATION (SEE FLOOR PLAN FOR LOCATION)

14. EXTERIOR DOORS
[X] STEEL 3070 1 3/4" THK, 18GA FACE SHEETS,PREFINISHED DARK BRONZE
[] STEEL 3070 1 3/4" THK, 18GA FACE SHEETS,PAINTED SELECTED COLOR
[] OTHER ______

15. INTERIOR DOORS
[X] SC WOOD 3070 1-3/4" THK, EMBOSSED HARDBOARD FACE SHEETS, PREFINISHED DARK WALNUT
[] OTHER ______

16. FRAMES
STEEL KNOCKDOWN 3070, 16GA, SOUND DEADENED GALVANIZED AND PRIMED.
[X] PREFINISHED DARK BRONZE
[] PAINTED SELECTED COLOR
[] OTHER ______

17. LOCKSETS AND LATCHSETS
FINISH 626D BRUSHED CHROME
[X] D70PD CLASSROOM SCHLAGE RHODES (LEVER HANDLE)
[] D40S PRIVACY SCHLAGE RHODES (LEVER HANDLE)
[] D10S PASSAGE SCHLAGE RHODES (LEVER HANDLE)
[] SEIRES 4000, GRADE 1 PDQ (LEVER HANDLE)
[] PANIC HARDWARE, VON DUPRIN 99L WITH RIM CYLINDER
[] OTHER ______

17.A LOCKSETS AND LATCHSETS
[X] C KEY
[] E KEY
[] F KEY
[] EF KEY
[] OTHER
[X] 5 PIN
[] 6 PIN

18. BUTTS
3 PER DOOR, FINISH 26D BRUSHED CHROME
[X] HAGAR BB1279 NRP 4 1/2"x4 1/2"
[] HAGAR BB1191 NRP 4 1/2"x4 1/2"
[] OTHER ______

19. CLOSERS
ADJUST TO 5# OPERATING PRESSURE FOR EXERIOR, OR 5.0# FOR INTERIOR, FINISH BRUSHED ALUMINUM.
[X] DORMA P7601 PA/SWB
[] OTHER ______

20. THRESHOLDS
MAXIMUM 1/2" HEIGHT
[X] HAGAR 417SA - 36" (1/4"X6"), FINISH 628 (BRUSHED ALUMINUM)
[] OTHER ______

21. BOTTOM SWEEPS
[X] HAGAR 778 SAV - 36" (BRUSHED ALUMINUM WITH VINYL SEAL)
[] OTHER ______

22. WEATHER-STRIPPING
[X] FOAM FILLED VINYL, FRICTION FIT INTO PREPARED FRAME
[] HAGAR 891SV (BRUSHED ALUMINUM WITH VINYL SEAL)
[] OTHER ______

23. STOPS (26D FINISH)
[] FLOOR MOUNTED HAGAR 268F OR EQUAL 4 1/8" HEIGHT (EXTERIOR)
[] WALL MOUNTED HAGAR 236W OR EQUAL, BUMPER (INTERIOR)
[] FLOOR MOUNTED QUALITY 241F OR EQUAL, DOME (INTERIOR)
[X] OTHER ______

~~24.~~ OPTIONAL EXTRA ITEMS AND HARDWARE
[] VISION LIGHTS SIZE: ______
GLASS: ______
[] LOUVERS SIZE: ______
[] OTHER ______

25. WINDOWS
HORIZONTAL SLIDING , 50% VENTING, ANODIZED ALUMINUM FRAME. PERFORMANCE RATED PER AAMA GS101-88 FOR COMMERCIAL USE AND MEDIUM EXPOSURE, NAIL-ON FIN FASTED DIRECTLY TO FRAMING AND BEHIND SIDING MATERIAL, REMOVABLE SCREEN AT VENT SASHES. TEMPERED GLAZING TO BE NOTED ON FLOOR PLAN, DUAL PANE UNITS TO HAVE MINIMUM 1/4" AIR SPACE AND 1/8" GLASS (SEE FLOOR PLAN FOR SIZES)

FRAMES:
[] CLEAR ANODIZED
[X] OTHER LAMI.

GLAZING:
[] DUAL, 3/16" GRAY TINT
[] DUAL, 1/4" GRAYLITE 14
[] DUAL, OBSCURED
[] LAMINATED GLASS, WHERE NOTED ON PLAN
[] TEMPERED, WHERE NOTED ON PLAN
[X] OTHER SINGLE GRAYLITE 14, SAFETY GLASS W/ MINI BLINDS.

26. INTERIOR WALL COVERINGS
APPLIED OVER MINIMUM 1/2" GYPSUM BOARD, OR MINIMUM 3/8" (*)ORIENTED STRAND BOARD. EXPOSED SURFACES FIRE RATED PER ASTM E-84, FLAME SPREAD MAXIMUM 200, SMOKE DEVELOPED MAXIMUM 450. (*PROVIDE FIRE BLOCKING WHEN 3/8" OSB IS USED AS BACKING MATERIAL)
[X] TACKBOARD: VINYL WALL COVERING BY GENON CORP. SACKCLOTH SERIES, 8.8oz/SY, LAMINATED ONTO 1/2" INDUSTRIAL INSULATION BOARD, 4'-0"x9'-0", LONG EDGES BEVELED.
[] FRP: FIBERGLASS REINFORCED PLASTIC PANELS, 4'-0"x8'-0", WITH COLOR MATCHED PVC MOULDINGS
[] OTHER ______

27. CEILING GRID
SUSPENDED SYSTEM, PERFORMANCE RATED ASTM C635 HEAVY DUTY
[X] DONN DX EXPOSED SYSTEM, STEEL, PREFINISHED WHITE
[] OTHER ______

28. ACOUSTIC LAY-IN CEILING PANELS
LIGHT REFLECTIVE LR-1, FIRE RATED CLASS- I PER ASTM E84.
[X] VINYL FACED FIBERGLASS, 5/8" THICK, USG PREMIER KAPOK
[] VINYL FACED GYPSUM BOARD, 1/2" THICK USG STIPPLE PATTERN
[] OTHER ______

29. CARPET
DIRECT GLUE-DOWN, PERFORMANCE RATED PER STATE OF CALIFORNIA SPECIFICATION 7220-21L-01.
[X] 26oz.
[] 28oz.
[] OTHER ______
[] FACTORY INSTALLATION: 2 1/2"W ALUMINUM THRESHOLD AT MODULE JOINTS, AS REQUIRED
[] ON SITE INSTALLATION: BUTT SEAMS

~~30.~~ VINYL SHEET FLOORING
MINIMUM WEAR LAYER .050" THICK, PERFORMANCE RATED PER ASTM F1303-90 TYPE-II, GRADE-1, CLASS-A, AND ASTM F970 125PSI, FIRE RATED PER ASTM E648 FLAMMABILITY CLASS-I, AND ASTM E662 SMOKE DENSITY MAXIMUM 450.
[] ARMSTRONG CLASSIC CORLON, SANDOVAL PATTERN, 6'-0" WIDE
[] ARMSTRONG "RHINO 90402" (OR EQUAL) CONTINUOUS FLOORING
[] OTHER ______
[] FACTORY INSTALLATION: 2 1/2"W ALUMINUM THRESHOLD AT MODULE JOINTS, AS REQUIRED
[] ON SITE INSTALLATION: BUTT SEAMS

31. VINYL COMPOSITION TILE
12" SQUARE, MINIMUM 1/8" THICK, PERFORMANCE RATED PER ASTM F1066, COMP-1, CLASS-2, AND ASTM F970 75PSI, FIRE RATED PER ASTM E648 FLAMMABILITY CLASS-1, AND ASTM E662 SMOKE DENSITY MAXIMUM 450.
[X] ARMSTRONG STANDARD EXCELON
[] OTHER ______
[] FACTORY INSTALLATION: 2 1/2"W ALUMINUM THRESHOLD AT MODULE JOINTS, AS REQUIRED
[] ON SITE INSTALLATION: BUTT SEAMS

32. TOP SET BASE
[X] BURKE MOLDED RUBBER 1/8" THICK, 4" HEIGHT, COVE STYLE
[] 6" HEIGHT, MOLDED COVE STYLE BASE
[] OTHER ______

33. CHALKBOARDS / MARKERBOARDS
TWO 4'-0"x8'-0" BOARDS MOUNTED SIDE BY SIDE, U.O.N.
[X] MARKERBOARD, SMOOTH PORCELAIN WRITING SURFACE
[X] OTHER 2-12 FT. MAGNETIC, AND PROJECTOR

34. FIRE EXTINGUISHER
PRESSURIZED, WITH CHARGE INDICATOR DIAL, MOUNTING BRACKET AT +48" MAX. A.F.F., NEAR EXTERIOR DOOR
[X] UL RATED 2A10BC
[] OTHER ______

35. HEAT PUMPS AND THERMOSTATS
THERMOSTAT MOUNTED AT +60" (SEALED) A.F.F. NEAR RETURN AIR GRILL, WHITE ROGERS 1F92 WITH WH UNITS AND 1F90 WITH WAG UNITS
[X] BARD WH42-A10V
[] BARD WH48-A10V
[] BARD WH48-LA10V (LOCKOUT)
[] BARD WAG40A-A54C (NG / ELECTRIC)
[] BARD WAG40A-A54C (LPG / ELECTRIC)
[] ROOF MOUNTED______(OPERATING WT. = 500# MAX.)
[X] OTHER 12 SEER UNIT

HVAC UNIT TO CONFORM TO CURRENT SMACNA STANDARDS, ARI 240-77 AND HVAC UL LISTING. PROVIDE POSTIVE MEANS OF DISCONNECT PER CMC SEC. 309.

36. DUCTWORK
WITHIN 3'-0" OF THE HVAC UNIT, PROVIDE SHEET METAL DUCTING
[X] NON-METALLIC OPTION: IN SEMI-CONCEALED ACCESSIBLE LOCATIONS BEYOND 3'-0" FROM THE HVAC UNIT, PROVIDE FLEXIBLE ROUND 2-PLY POLYESTER DUCT WITH COILED WIRE REINFORCING AND 1 1/2" FIBERGLASS INSULATION AND POLYETHYLENE JACKET, OR RIGID 1" FIBERGLASS BOARD WITH FOIL VAPOR BARRIER FORMED INTO RECTANGULAR DUCTS.
[] SHEET METAL OPTION: PROVIDE GALVANIZED SHEET METAL DUCTWORK WITH 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
[] OTHER ______

ALL DUCTWORK TO CONFORM TO CURRENT SMACNA MANUAL, CMC, NFPA 90-A AND B, AND HAVE SMACNA CLASS-1 RATING.

37. ELECTRICAL PANELS
SEE ELECTRICAL PANEL SCHEDULE FOR SIZE.
[X] SINGLE PHASE POWER
[] THREE PHASE POWER

38. ELECTRICAL OUTLETS
LOCATE PER FLOOR PLANS AT +15"MIN.- 18" MAX. A.F.F. U.O.N.
[X] DUPLEX OUTLETS, LEVITON 5352-1 OR EQUAL
[] OTHER ______

39. EXTERIOR LIGHTING
[] INCANDESCENT, WEATHER-PROOF VANDAL-RESISTANT HOUSING, WITH 60WATT LAMP, FAIL-SAFE IBO-102 OR EQUAL
[] FLUORESCENT, WEATHER-PROOF VANDAL-RESISTANT HOUSING, WITH TWO 7WATT LAMPS, FAIL-SAFE FBP-142 OR EQUAL
[X] OTHER ~~HP~~ SODIUM NIGHTLIGHT

40. INTERIOR LIGHTING
PLASTIC LENS FIRE RATING CONFORMING TO ASTM D635
[X] LAY-IN 3-LAMP, FLUORESCENT, 2'-0" x 4'-0", WITH 34 WATT ENERGY SAVER LAMPS, LITHONIA 2GT-340 OR EQUAL
[] LAY-IN 2-LAMP, FLUORESCENT, 2'-0" x 4'-0", WITH 34 WATT ENERGY SAVER LAMPS, LITHONIA 2GT-240 OR EQUAL
[] LAY-IN 4-LAMP, FLUORESCENT, 2'-0" x 4'-0", WITH 34 WATT ENERGY SAVER LAMPS, LITHONIA 2GT-440 OR EQUAL
[] OTHER ______

41. CLOCK
[X] 12" DIAMETER, ACCUTREC 2012BE OR EQUAL
[] OTHER ______

42. FIRE ALARM SYSTEM
[X] PROVIDE 1/2" EMT CONDUIT AND COVERED METAL JUNCTION BOXES, LOCATE PER ELECTRICAL FLOOR PLAN, FOR FUTURE WIRE AND EQUIPMENT BY OTHERS.
[] OTHER ______

43. COMMUNICATIONS SYSTEM
[] SPECIFY: ______

44. CASEWORK - WOOD WORK INSTITUTE OF AMERICA (WIC) CUSTOM GRADE
[] WOOD
SOLID OAK FACE FRAMES, FLAT PANEL OAK DOORS AND DRAWER FRONTS, CLEAR LACQUER FINISH. MELAMINE/PARTICLE BOARD BOXES, WITH LAMINATE COUNTER TOPS, LAYOUT PER FLOOR PLAN AND CASEWORK ELEVATIONS.
[X] LAMINATE
FULL OVERLAY STYLE DOORS AND DRAWER FRONTS, MELAMINE/PARTICLE BOARD BOXES, WITH LAMINATE COUNTER TOPS, LAYOUT PER FLOOR PLAN AND CASEWORK ELEVATIONS
[] OTHER ______

45. PLUMBING
[X] SEE ATTACHED PLUMBING AND RESTROOM ACCESSORIES SPECIFICATIONS, SHEET P1

~~46.~~ RESTROOM ACCESSORIES
[] SEE ATTACHED PLUMBING AND RESTROOM ACCESSORIES SPECIFICATIONS, SHEET P1

REVISIONS

PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
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AC ✓ FLS
DATE

DIVISION OF STATE ARCHITECT

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C-19,752
EXP. 07/31/01
STATE OF CALIFORNIA

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REN. 2/28/17
STATE OF CALIFORNIA

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02 115037
AC MT FLS SS
DATE 4-7-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 105033
AC FLS RC SS KB
DATE 4-1-03

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291
~~12'x40',~~ 24'x40', ~~36'x40', 48'x40', 60'x40', 72'x40'~~
RELOCATABLE BUILDINGS
SACRAMENTO CITY U.S.D.
MARIAN ANDERSON ELEMENTARY
GENERAL SPECIFICATIONS

DRAWN TDL/CLP
CHECKED TLV
DATE 07/15/99
SCALE N.T.S.
JOB NO. 0313
FILE P269A4

A4

GENERAL PLUMBING SPECIFICATIONS

A. PLUMBING EQUIPMENT, FIXTURE AND ACCESSORIES:
FURNISH AND INSTALL ALL PIPING, VALVES, VENTS, STOPS AND TRAPS REQUIRED TO CONNECT ALL FIXTURES AND EQUIPMENT. PROVIDE ALL ELECTRICAL CONNECTIONS AS REQUIRED.

B. MATERIALS AND WORKMANSHIP:
ALL WORKMEN SHALL BE SKILLED AND QUALIFIED FOR THE WORK WHICH THEY PERFORM. ALL MATERIALS USED, UNLESS OTHERWISE SPECIFIED, SHALL BE NEW AND OF THE TYPES AND GRADE SPECIFIED.

WORKMANSHIP SHALL BE EQUAL OF BETTER IN QUALITY TO THAT REQUIRED BY THE CONSTRUCTION TRADES FOR A FINISHED PRODUCT.

IN EACH OF THE SECTIONS FOLLOWING, ONE OF THE ITEMS MUST BE CHECKED AS BEING APPLICABLE TO THIS BUILDING. ALL ITEMS NOTED AS STRUCTURAL MUST MEET THE MINIMUM STRUCTURAL REQUIREMENTS SET FORTH IN THE STRUCTURAL DRAWINGS AND NOTES.

C. WASTE LINE SHALL BE CAST IRON, NO HUB, U.O.N.

D. HOT & COLD WATER PIPING SHALL BE TYPE L, HARD COPPER

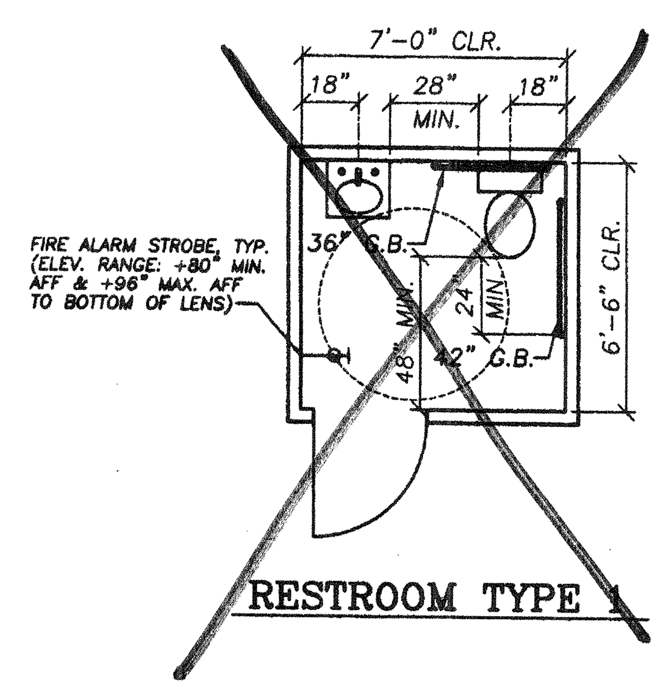
PLUMBING NOTES

1. ALL VENTS TO ROOF AND VENT RISER CONNECTIONS TO BE OFFSET ABOVE CEILING FROM WALLS IN ORDER TO PREVENT PENETRATION THROUGH TOP PLATES.
2. FOR ALLOWABLE CUTTING/NOTCHING/BORED HOLES IN 2x WALL STUDS AND JOISTS, SEE TYPICAL DETAILS ON SHEET S0.2.
3. TOILET CURB ON FLOORS: FOR TOILET ROOMS WITH MORE THAN TWO (2) FIXTURES IN RELOCATABLE BUILDINGS, PROVIDE CONTINUOUS VINYL FLOORING, ARMSTRONG "RHINO 90402" OR EQUAL, WITH FULLY SEALED JOINTS. VINYL FLOORING TO EXTEND A MIN. OF SIX (6) INCHES UP THE STUD WALL FROM THE FINISH FLOOR LEVEL. (REF: IR 23-3)
4. ALL DRAIN AND SEWER FITTINGS BELOW FLOOR LINE SITE INSTALLED.
5. SEWER/WATER STUB OUTS: SHALL BE LOCATED AS SHOWN ON PLANS AND CONNECTIONS SHOULD BE EASILY ACCESSIBLE FOR FUTURE RELOCATION. STUB OUT HEIGHT SHOULD BE COORDINATED WITH BUILDING MANUFACTURER AND SITE CONTRACTOR/OWNER.
6. PLUMBING FOR TOILETS SHALL BE IN ACCORDANCE WITH THE 1998 CPC.

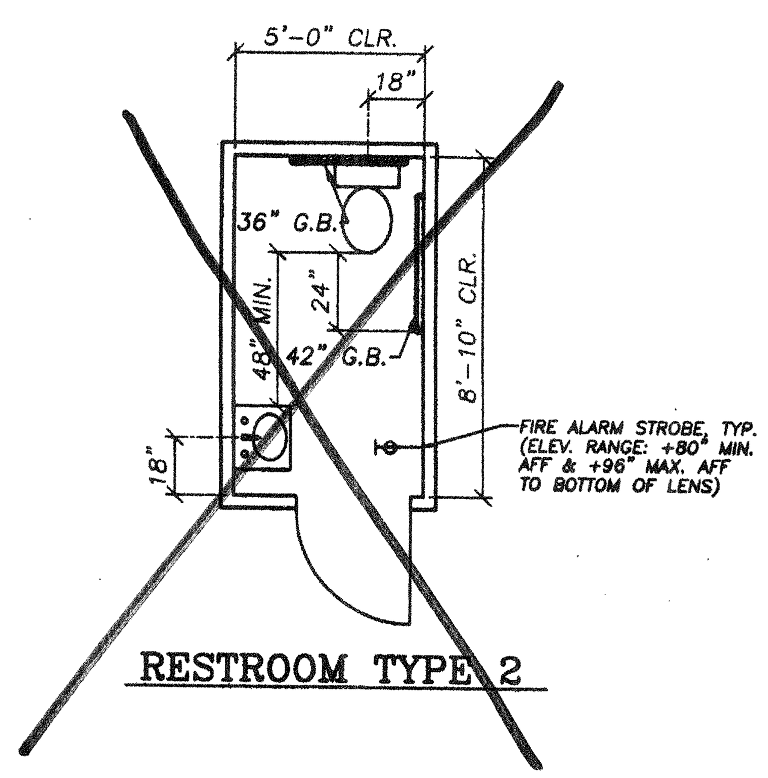
VARIABLE PLUMBING SPECIFICATIONS

1. WATER CLOSETS
   - [] HANDICAP 18"H TANK/BOWL, 1.6 GPF, KOHLER K-3427-ET OR EQUAL (HANDICAP FOR ADULT, HIGH SCHOOL AND MIDDLE SCHOOL)
   - [] STANDARD 14"H TANK/BOWL, 1.6 GPF, KOHLER K-3422-ET OR EQUAL (HANDICAP FOR ELEMENTARY SCHOOL AND GENERAL USE)
   - [] WALL HUNG FV/BOWL, 1.6 GPF, KOHLER K-4330-ET WITH ZURN Z-6000 FLUSH VALVE OR EQUAL
   - [] OTHER ______
2. URINALS
   - [] WALL HUNG, 1.0 GPF, KOHLER K-5016 WITH ZURN Z-6003 FLUSH VALVE OR EQUAL
   - [] OTHER ______
3. LAVATORIES
   - [] WALL HUNG, 14x12, GERBER 12-354 WITH DELTA FAUCET 523 .5gpm OR EQUAL, HC ACCESSIBLE
   - [] WALL HUNG, 19x17, GERBER 12-314 WITH DELTA FAUCET 523 .5gpm OR EQUAL, HC ACCESSIBLE
   - [] WALL HUNG, 20x18, KOHLER K-2032 WITH DELTA FAUCET 523 .5gpm OR EQUAL, HC ACCESSIBLE
   - [] OTHER ______
4. SINKS
   - [X] CLASSROOM 25x17, 18GA. STAINLESS STEEL, JUST CRA-1725-A-GR, WITH FISHER 3016 LEVER HANDLE COLD ONLY GOOSENECK FAUCET, AND JUST JBB-10 LEVER HANDLE DRINKING BUBBLER OR EQUALS
   - [] CLASSROOM 31x19, 18GA. STAINLESS STEEL, JUST CRA-1931-A-GR, WITH KOHLER K-7894 LEVER HANDLE HOT & COLD GOOSENECK FAUCET & JUST JBB-10 LEVER HANDLE DRINKING BUBBLER OR EQUALS
   - [] KITCHEN DOUBLE BOWL 33x21, MINIMUM 20GA. STAINLESS STEEL, JUST DL-2133-B-GR WITH KOHLER K-15171-CP SINGLE HANDLE SWING SPOUT HOT AND COLD FAUCET OR EQUALS
   - [] OTHER ______
5. GARBAGE DISPOSERS
   - [] BATCH-FEED, 3/4HP, IN-SINK-ERATOR #17 OR EQUAL
   - [] CONTINUOUS FEED, 1/2HP, IN-SINK-ERATOR BADGER-V OR EQUAL
6. DRINKING FOUNTAIN
   - [] WALL HUNG, STAINLESS STEEL, HANDICAP ACCESSIBLE, PUSH BOTTON OPERATION, HAWS 1109 OR EQUAL
   - [] OTHER ______
7. WATER HEATERS
   - [] 2.5 GALLON, 120V RHEEM 81VP2S OR EQUAL
   - [] 6 GALLON, 120V RHEEM 81VP6S OR EQUAL
   - [] 10 GALLON, 120V UNDER COUNTER, RHEEM 81VP10S OR EQUAL
   - [] 20 GALLON, 120V UNDER COUNTER, RHEEM 81VP20S OR EQUAL
   - [] OTHER ______
8. GRAB BARS
   - [] ONE EACH 36" AND 42" LONG PER HANDICAP WC, 1-1/2" DIAMETER, STAINLESS STEEL, CONCEALED VANDAL RESISTANT MOUNTING, BOBRICK B-6206 OR EQUAL
   - [] OTHER ______
9. TOILET PAPER DISPENSERS
   - [] ROLL TYPE, STAINLESS STEEL, CONCEALED VANDAL RESISTANT MOUNTING AND SPINDLE, BOBRICK B-685.60 OR EQUAL
   - [] OTHER ______
10. PAPER TOWEL DISPENSERS
    - [] FOLDED TISSUE TYPE, STAINLESS STEEL, CONCEALED VANDAL RESISTANT MOUNTING AND LOCK, BOBRICK B-262 OR EQUAL
    - [] OTHER ______
11. SOAP DISPENSERS
    - [] LIQUID TYPE, STAINLESS STEEL, CONCEALED VANDAL RESISTANT MOUNTING AND LOCK, BOBRICK B-4112 OR EQUAL
    - [] OTHER ______
12. MIRRORS
    - [] 18x30, 1/4" PLATE GLASS, STAINLESS STEEL CHANNEL FRAME, CONCEALED VANDAL RESISTANT MOUNTING, BOBRICK B-165 OR EQUAL
    - [] OTHER ______
13. RESTROOM PARTITIONS
    FLOOR AND WALL MOUNTED W/ OVERHEAD BRACE PER MFR., LAYOUT PER FLOOR PLAN
    - [] STEEL WITH BAKED ENAMEL FINISH, KNICKERBOCKER OR EQUAL
    - [] OTHER ______
14. EXHAUST/VENTILATOR FAN
    SWITCH CONTROLLED AT MAX. 48" A.F.F., HANDICAP ACCESSIBLE WITH WEATHERPROOF SCREENED WALL CAP
    - [] CEILING/WALL FAN – 50cfm, 2.0sones, BROAN 688 OR EQUAL
    - [] WALL VENTILATOR – 180cfm, 5.0sones, BROAN 509 OR EQUAL
    - [] OTHER ______
15. OPTIONAL EXTRA ITEMS AND HARDWARE
    - [] SPECIFY: ______

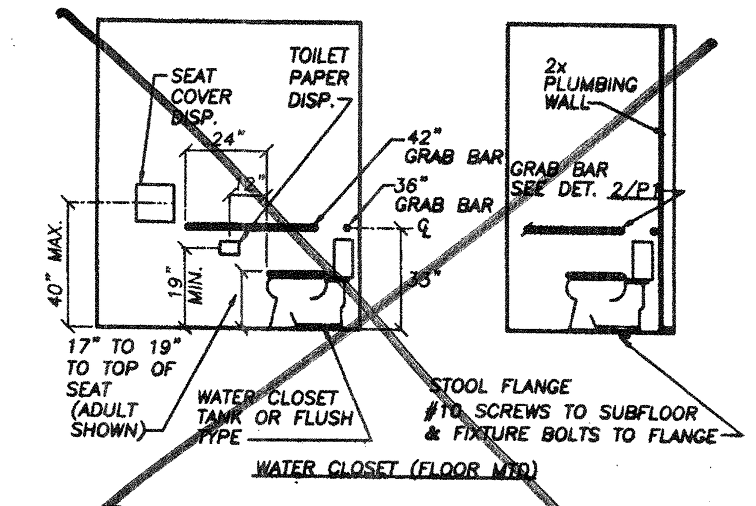
THE DRAWINGS BELOW ONLY ILLUSTRATE THE SPECIFIC REQUIREMENTS FOR INSTALLING THE FIXTURES AND THE ACCESSORIES SHOWN.
SEE PROJECT SPECIFICATIONS FOR THE ACCESSORIES AND FIXTURES THAT APPLY TO THIS PROJECT.



RESTROOM TYPE 1



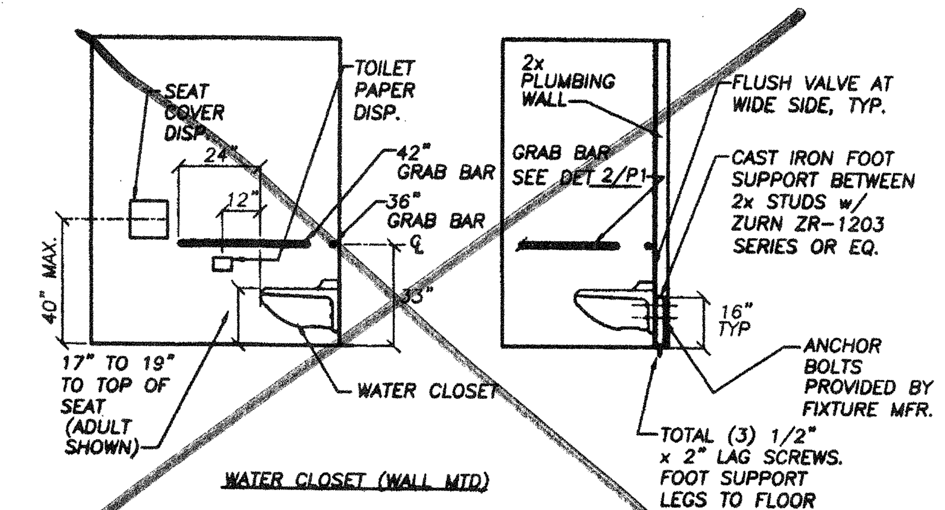
RESTROOM TYPE 2



1A ACCESS/ATTACH DETAIL

[ ] SEE VARIABLE SPEC. ITEM NO. 1

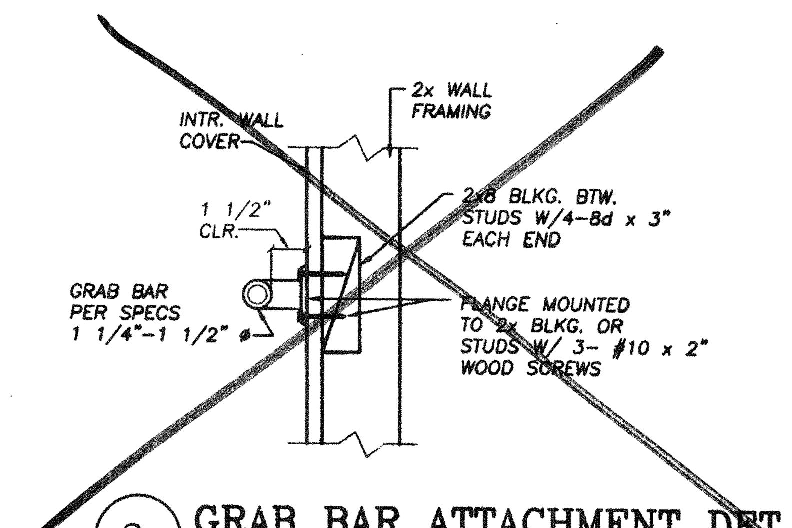
[ ] NOT USED THIS PROJECT



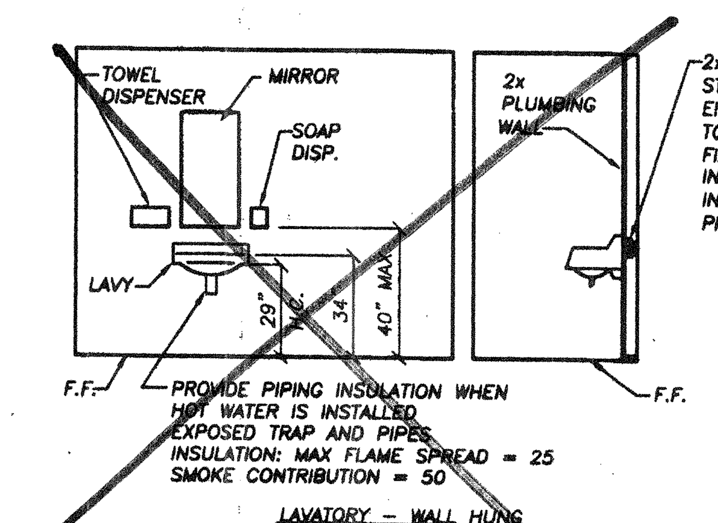
1B ACCESS/ATTACH DETAIL

[ ] SEE VARIABLE SPEC. ITEM NO. 1

[ ] NOT USED THIS PROJECT



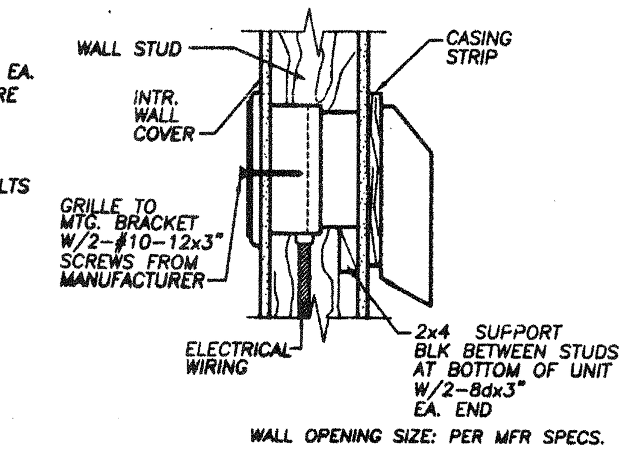
2 GRAB BAR ATTACHMENT DET.



3 ACCESS/ATTACH DETAIL

[ ] SEE VARIABLE SPEC. ITEM NO. 3

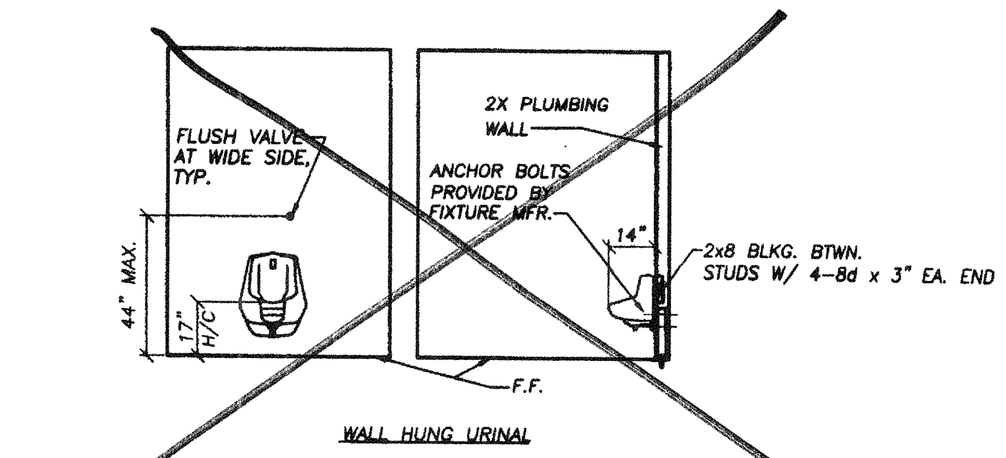
[ ] NOT USED THIS PROJECT



4 WALL EXHAUST FAN ATTACHMENT

[ ] SEE VARIABLE SPEC. ITEM NO. 15

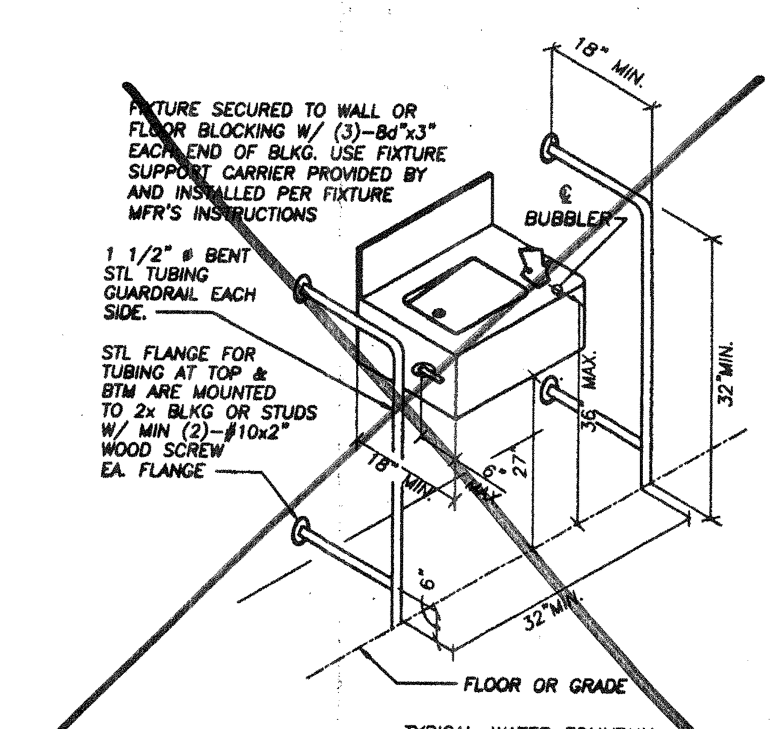
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5 ACCESS/ATTACH DET

[ ] SEE VARIABLE SPEC. ITEM NO. 2

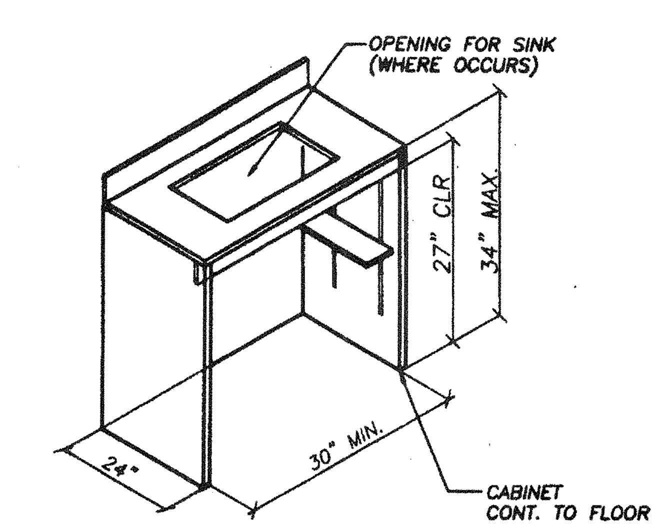
[ ] NOT USED THIS PROJECT



6 ACCESS WATER FOUNTAIN

[ ] SEE VARIABLE SPEC. ITEM NO. 6

[ ] NOT USED THIS PROJECT

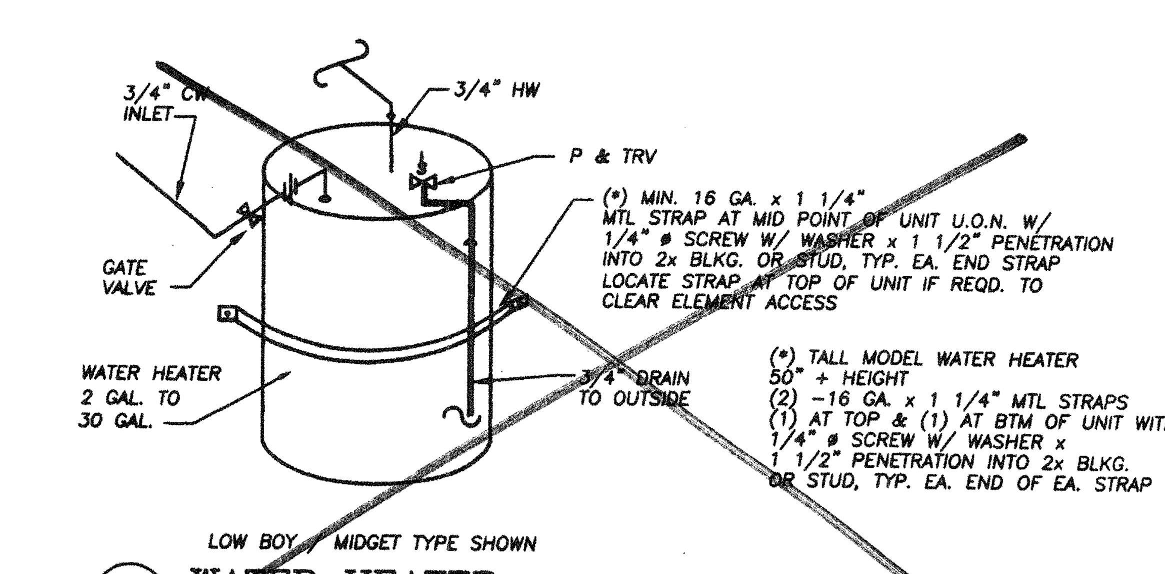


NOTES:
* DOORS NOT SHOWN FOR CLARITY DOORS ARE TO BE PROVIDED
* MODIFY BASE AS SHOWN FOR WHEELCHAIR ACCESS
* PROVIDE ADJUSTABLE METAL STANDARDS AND REMOVABLE SHELF (INTERMEDIATE AND BOTTOM)

7 ACCESSIBLE CABINET

[ ] SEE VARIABLE SPEC. ITEM NO. 4

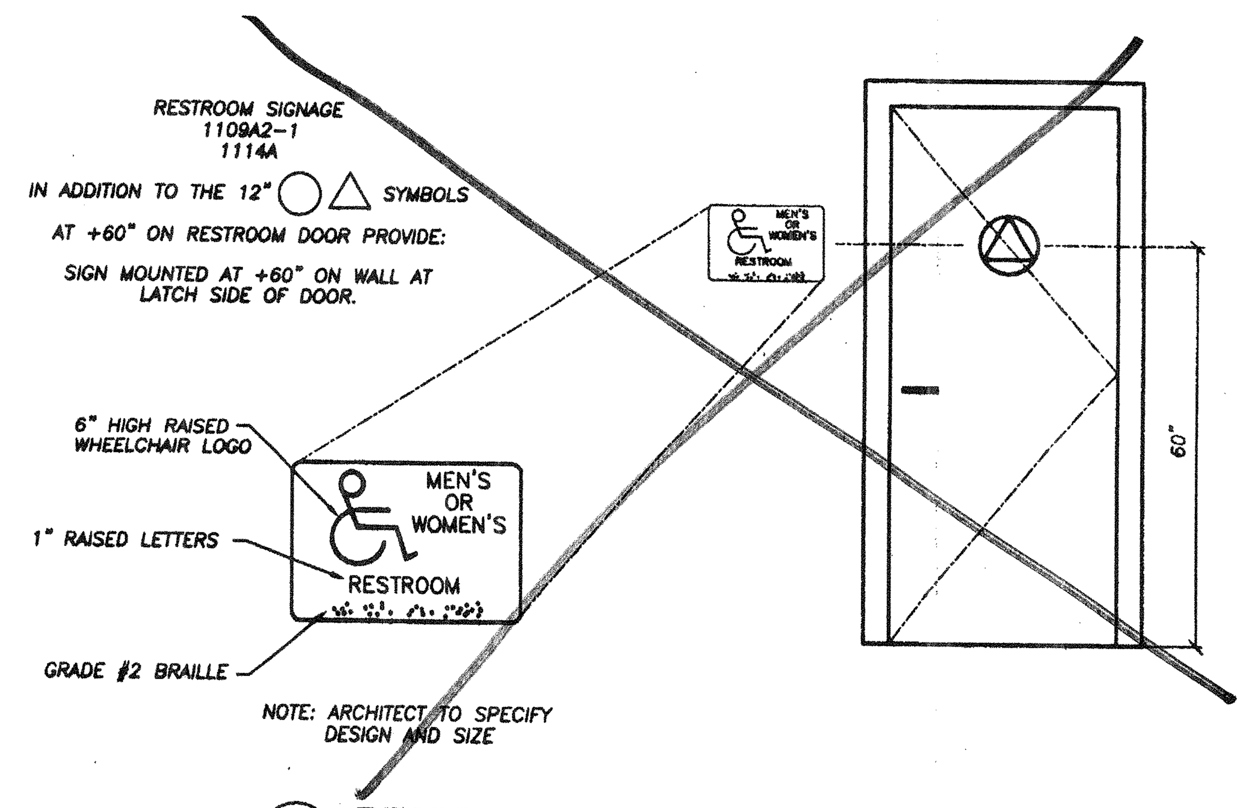
[ ] NOT USED THIS PROJECT



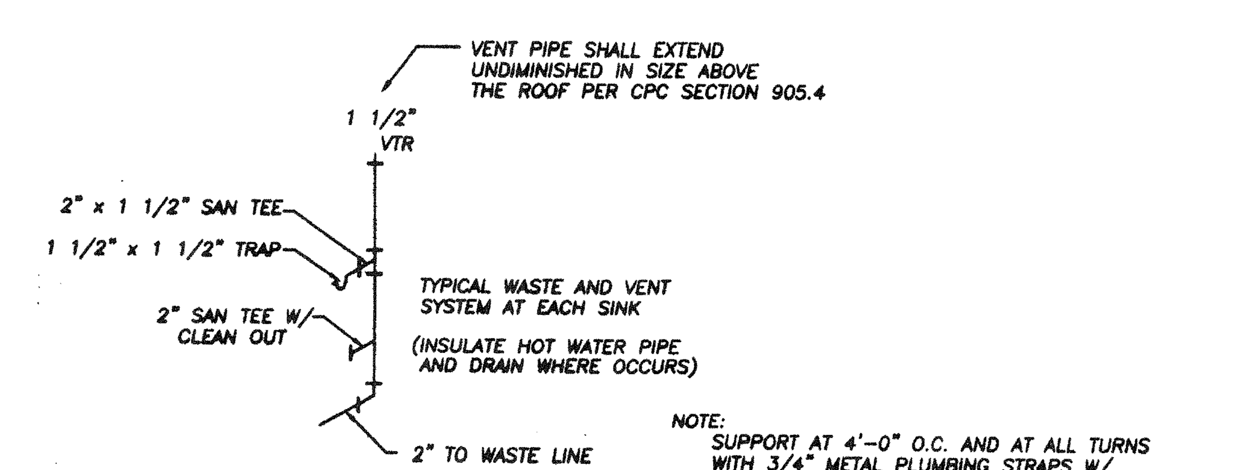
8 WATER HEATER

[ ] SEE VARIABLE SPEC. ITEM NO. 7

[ ] NOT USED THIS PROJECT

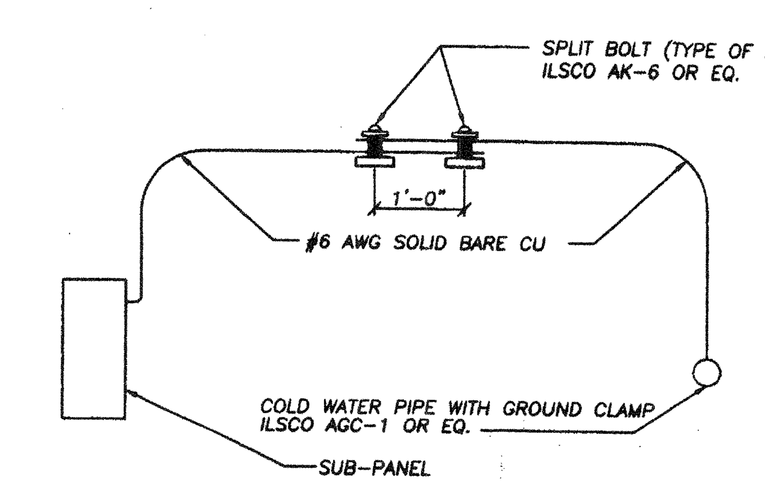


9 RESTROOM SIGNAGE



NOTE:
SUPPORT AT 4'-0" O.C. AND AT ALL TURNS WITH 3/4" METAL PLUMBING STRAPS W/ MIN. #9 x 1" GALV. HEX HEAD SCREW W/ RUBBER WASHER

10 PLUMBING FOR SINK N.T.S.



11 ALT. WATER BOND CONNECTION N.T.S.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115037
AC MT FLS SS
DATE 4-7-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 105033
AC FLS SS KR
DATE 4-1-03

REVISIONS

PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02 101487
AC FLS
DATE 11/8/99

DIVISION OF STATE ARCHITECT

ENGINEER

ARCHITECT

LICENSED ARCHITECT
C-19,752
EXP. 07/31/01
STATE OF CALIFORNIA

LICENSED ARCHITECT
MITCHELL A. McALLISTER
NO. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291

~~12'x40'~~, 24'x40', ~~36'x40', 48'x40', 60'x40', 72'x40'~~
RELOCATABLE BUILDINGS
SACRAMENTO CITY U.S.D.
MARIAN ANDERSON ELEMENTARY

STANDARD PLUMBING SPECIFICATIONS AND DETAILS

DRAWN	CLP/TDL
CHECKED	JTD
DATE	07/15/99
SCALE	N.T.S.
JOB NO.	0313
FILE	P269P1

P1

GENERAL NOTES:

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL COMPLY WITH THE 1998 EDITION OF THE CALIFORNIA BUILDING CODE, CCR TITLE 24, PART 2 (CBC) AND CCR TITLE 24, PART 1, CHAPTER 4, GROUP 1, LATEST REVISIONS (MODIFICATIONS TO THE 1997 UNIFORM BUILDING CODE (UBC), UBC STANDARDS AND UBC RECOGNIZED STANDARDS. – NOTE, ALL UBC RECOGNIZED STANDARDS AS APPLICABLE ARE REQUIRED FOR THIS PROJECT.) ALSO REFER TO THE DIVISION OF THE STATE ARCHITECT – STRUCTURAL SAFETY SECTION "INTERPRETATIONS OF REGULATIONS". SEE ESPECIALLY IR 16-3 AND 16-12. THESE STRUCTURES ARE DESIGNED PER THE MODIFIED REQUIREMENTS TEMPORARY FOUNDATIONS (U.O.N.).
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE BUILDING DURING CONSTRUCTION AND SHALL PROVIDE ADEQUATE SHORING AND BRACING DURING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH APPLICABLE SAFETY REGULATIONS.
3. DETAILS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO DETAILS FOR SIMILAR CONSTRUCTION SHOWN ON THESE DRAWINGS.
4. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE OWNER AND BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
5. NO STRUCTURAL MEMBERS SHALL BE CUT, NOTCHED OR OTHERWISE PENETRATED UNLESS SPECIFICALLY APPROVED BY THE ARCHITECT IN ADVANCE OR SHOWN ON THESE DRAWINGS.
6. TYPICAL DETAILS SHALL APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
7. WHERE THESE GENERAL NOTES AND TYPICAL DETAILS ARE IN CONFLICT WITH THE SPECIFICATIONS, THESE GENERAL NOTES AND TYPICAL DETAILS SHALL GOVERN.
8. PROVIDE OPENINGS, CURBS, FRAMING AND/OR SUPPORTS FOR ITEMS INDICATED ON ARCHITECTURAL, MECHANICAL, ELECTRICAL OR OTHER DRAWINGS INCLUDED IN CONSTRUCTION DOCUMENTS.
9. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND OTHER INFORMATION NOT SPECIFICALLY SHOWN ON STRUCTURAL DRAWINGS.
10. ALL ELEVATIONS ARE REFERENCED FROM TOP OF FINISHED FIRST FLOOR ELEVATION = 0'-0".
11. PROVIDE INSPECTIONS, TESTS AND REPORTS IN ACCORDANCE WITH CCR TITLE 24, PART 2 AND CCR TITLE 24, PART 1, CHAPTER 4, GROUP 1.
12. IN ADDITION TO CONTINUOUS PROJECT INSPECTION, THE FOLLOWING SPECIAL INSPECTIONS SHALL BE REQUIRED, AS A MINIMUM:
    A. INSPECTION OF ALL WELDING FOR STRUCTURAL STEEL, CBC SECTION 2231A.5.
    B. INSPECTION FOR CONCRETE AND CONCRETE REINFORCEMENT PLACEMENT, PER TITLE 24, PART 1, CHAPTER 4, GROUP 1 AND CBC SECTION 1701A.
13. ALL REQUIRED INSPECTIONS AND TESTS ARE THE RESPONSIBILITY OF THE OWNER. ALL INSPECTORS SHALL PROVIDE REPORTS AS REQUIRED BY TITLE 24, PART 1, CHAPTER 4, GROUP 1.
14. DIMENSIONS AND ELEVATIONS SHOWN ARE APPROXIMATE AND ARE PROVIDED AS AN AID IN INTERPRETING THE DRAWINGS ONLY. DIMENSIONS AND ELEVATIONS MUST BE VERIFIED WITH ARCHITECTURAL DRAWINGS. IN THE EVENT OF CONFLICT, DIMENSIONS AND ELEVATIONS SHOWN ON ARCHITECTURAL DRAWINGS SHALL GOVERN. DRAWING SCALES GIVEN ARE APPROXIMATE – DO NOT SCALE PLANS OR DETAILS.
15. WHEN MODULE IS RELOCATED – DO NOT RE-INSTALL NAILS OR SCREWS IN EXISTING HOLES.

WOOD:

1. STRUCTURAL FRAMING SHALL BE DOUGLAS FIR – LARCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 17 OF THE WEST COAST LUMBER INSPECTION BUREAU, LATEST EDITIONS. GRADES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (DOUGLAS FIR SOUTH IS NOT ALLOWED.) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW GRADES INDICATED.
   ALL FRAMING EXCEPT AS NOTED —NO. 2
2. PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-95. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4'x8' PANELS, MINIMUM, EXCEPT AT BOUNDARIES AND FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 12" AT WALLS.
3. WHERE WALLS OR PARTITIONS ARE SUPPORTED BY WOOD JOISTS, PROVIDE ADDITIONAL 2x8 JOIST WITH LU26 JOIST HANGER EACH END OF JOIST UNDER PARTITIONS PARALLEL TO JOISTS.
4. BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1-1981 AND 1991 EDITION OF THE NDS. BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF OF THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION (NDS). BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLT DIAMETER. RE-TIGHTEN BOLTS BEFORE CLOSING IN WORK. BOLTS SHALL BE FULL BODY STEEL BOLTS WITH MINIMUM YIELD STRENGTH OF 45,000 PSI.
5. LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/ASME STANDARD B18.2.1 AND THE REQUIREMENTS OF THE 1991 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS). HOLES FOR LAG SCREW SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. ONE QUARTER INCH (1/4") DIAMETER LAG SCREWS NEED NOT HAVE PRE-DRILLED HOLES IF IT CAN BE SHOWN THAT THE WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREWS WITH BENDING YIELD STRENGTHS PER TABLES 9.3 IN NDS.
6. PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUT WASHER) UNDER NUTS AND BOLT OR LAG SCREW HEADS WHICH BEAR ON WOOD.
7. PROVIDE MIN. 2"x2"x3/16" PLATE WASHER AT EA. SILL BOLT PER CBC SECTION 1806A.6.1
8. WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 1991 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION (NDS). GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER OR USED IN FOUNDATIONS. SCREWS SHALL BE STEEL WITH CUT THREADS AND BENDING YIELD STRENGTHS PER TABLES 11.3 IN NDS.
9. WOOD MEMBERS SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.
10. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.
11. STRUCTURAL NAILING SHALL BE WITH FULL HEAD COMMON NAILS PER ALL REQUIREMENTS OF THE 1991 NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CBC TABLE 23A-II-B-1. ALL NAILS EXPOSED TO WEATHER, IN DIRECT GROUND CONTACT FOUNDATION MEMBERS AND AS NOTED ON PLANS, SHALL HAVE A GALVANIZED COATING OF NOT LESS THAN 1.0 OZ. OF ZINC PER SQUARE FOOT OR DSA APPROVED CORROSION RESISTANT EQUIVALENT (IE. SENCO "WEATHEREX" NAILS, APROVED BY DSA OCTOBER 1999) PER THE REQUIREMENTS OF THE CBC, WITH MINIMUM BENDING YIELDS PER TABLE 12.3B IN NDS. (SEE NAIL EQUIVALENCE BELOW.)
12. NAIL EQUIVALENCE: (PROVIDE MINIMUM NAIL LENGTHS AS REQUIRED FOR SPECIFIED PENETRATION, TYP. U.O.N.)
    6d EQUALS .113" DIA. – PROVIDE 1.24" MIN. POINT PENETRATION
    8d EQUALS .131" DIA. – PROVIDE 1.44" MIN. POINT PENETRATION
    10d EQUALS .148" DIA. – PROVIDE *1.63" MIN. POINT PENETRATION
    16d EQUALS .162" DIA. – PROVIDE *1.78" MIN. POINT PENETRATION
    * 1 1/2" AT 2x MEMBERS
13. NAILING OF BLOCKING FOR FLOOR AND ROOF FRAMING MEMBERS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON THE DRAWINGS:
    BLOCKING TO FLOOR OR ROOF FRAMING: 4-10d TOENAILS EACH END OR 4-8d x 3" END NAILS.
14. PROVIDE CROSS BRIDGING, SOLID BRIDGING OR OTHER LATERAL SUPPORT FOR ALL FRAMING MEMBERS IN ACCORDANCE WITH THE REQUIREMENTS OF CBC SECTIONS 2316A.2.20, 2316A.2.21 AND 2316A.2.22. PROVIDE 2x8 SOLID BLOCKING FOR FLOOR FRAMING MEMBERS AT MID SPAN.
15. CONNECTOR HARDWARE SHALL BE BY THE SIMPSON COMPANY, SAN LEANDRO, CALIFORNIA, OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR MAXIMUM RATED LOADS, EXCEPT WHERE NOTED OTHERWISE ON PLANS.
16. MICRO-LAM LAMINATED VENEER BEAMS SHALL BE MIN. 2.0E GRADE (Fb=2485 PSI) UNLESS NOTED OTHERWISE ON THE DRAWINGS, AS MANUFACTURED BY TRUS JOIST CORP. OF BOISE, IDAHO. SEE COUNCIL OF AMERICAN BUILDING OFFICIALS REPORT NO. NER-126.
17. EXCEPT WHERE MORE STRINGENT CONSTRUCTION IS SHOWN ON THE DRAWINGS, WOOD CONSTRUCTION SHALL COMPLY WITH CBC SECTION 2320A, CONVENTIONAL LIGHT-FRAME CONSTRUCTION PROVISIONS, AS A MINIMUM.
18. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER CBC SECTION 2303A.3. PROVIDE QUALITY MARK ON ALL TREATED FOUNDATION MEMBERS FROM AGENCY APPROVED BY DSA. ALL FOUNDATION MEMBERS SHALL BE MARKED AS "FOR GROUND CONTACT (LP22)" OR "FOR ABOVE GROUND USE (LP2)" AS APPROPRIATE. TREAT ALL CUT ENDS AND BORED HOLES OF PRESSURE TREATED MEMBERS WITH AN APPROVED PRESERVATIVE. (WILLARD W/B COPPER GREEN 2% OR AN APPROVED EQUIVALENT). WHERE NOTED, MEMBERS BELOW THE SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESSURE TREATED PER LP2. A QUALITY CONTROL STAMP IS NOT REQUIRED FOR STRUCTURAL MEMBERS BELOW THE SUB FLOOR THAT ARE NOT PART OF THE FOUNDATION.
19. IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT, CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CBC SECTIONS 2318A.3.3 AND 2315A.3.3. MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.
20. POWDER DRIVEN FASTENERS SHALL BE BY HILTI, INC., HILTI FASTENING SYSTEMS, OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH DRAWINGS AND THE MANUFACTURER'S RECOMMENDATIONS AND ICBO APPROVALS.

CONCRETE:

1. CONCRETE SHALL DEVELOP A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS IN ACCORDANCE WITH ASTM C31 AND C39. TESTING SHALL BE IN ACCORDANCE WITH CBC SECTION 1905A.6. THREE CYLINDERS FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN BY THE OWNER'S TESTING LABORATORY NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED. PROVIDE 6% ENTRAINED AIR BY VOLUME WITH ADMIXTURE PER ASTM C260 FOR SITES ABOVE 1500 FEET IN ELEVATION, SEE ALSO CBC SECTION 1904A.2.
2. ALL CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATORS.
3. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CBC AND ACI STANDARD 318, LATEST EDITION, OF THE AMERICAN CONCRETE INSTITUTE, UNLESS SHOWN OR NOTED OTHERWISE ON THESE DRAWINGS.
4. AGGREGATE SHALL CONFORM TO ASTM C33 AND CBC SECTION 1903A.3. (1" MAX. AGGREGATE).
5. CEMENT SHALL BE ASTM C150, TYPE I OR TYPE II. SEE ALSO REQUIREMENTS OF CBC SECTION 1903A.2.
6. REINFORCING STEEL SHALL BE DEFORMED CONFORMING TO ASTM A615 GRADE 40 UNLESS OTHERWISE NOTED.
7. WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A185.
8. WELDING OF REINFORCING STEEL SHALL BE PERFORMED ONLY WHERE INDICATED ON THE DRAWINGS AND SHALL BE IN COMPLIANCE WITH ALL REQUIREMENTS OF THE CBC, UBC STANDARD 19-1 AND THE REINFORCING STEEL WELDING CODE, AWS D1.4, LATEST REVISION, OF THE AMERICAN WELDING SOCIETY. PROVIDE WELDING PROCEDURE AND MILL TEST REPORTS FOR ALL REINFORCEMENT TO BE WELDED. REINFORCING WITH C.E. ABOVE .75 SHALL NOT BE WELDED. ARCHITECT SHALL APPROVE WELDING PROCEDURE, WELDER QUALIFICATIONS AND MILL TEST REPORTS PRIOR TO EXECUTION OF WELDING. PROVIDE INSPECTION PER CBC SECTION 1929A.12.
9. COVERAGE FOR REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CBC AND ACI STANDARD 318 UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
10. LAP SPLICES FOR REINFORCING BARS SHALL BE 50 BAR DIAMETERS OR 18" MINIMUM UNLESS SHOWN OTHERWISE ON THE DRAWINGS. WIRE BARS TOGETHER AT LAPS OR SPLICES. STAGGER LAPS IN ADJACENT HORIZONTAL OR SLOPING REINFORCING BARS A MINIMUM OF THE REQUIRED SPLICE LENGTH. HOOKS AND BENDS SHALL BE STANDARD PER CBC SECTIONS 1907A.1 THROUGH 1907A.3 UNLESS SHOWN OTHERWISE. WELDED WIRE FABRIC SHALL BE SPLICED BY LAPPING A MINIMUM OF 12 INCHES OR TWO CROSS WIRES, WHICHEVER IS GREATER.
11. CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ASTM C94 AND ACI STANDARD 304. ALSO COMPLY WITH REQUIREMENTS OF CBC SECTION 1905A.
12. ALL EMBEDDED ITEMS SHALL BE PLACED ACCURATELY AND SECURED PRIOR TO BEGINNING CONCRETE PLACEMENT.
13. CONSTRUCTION JOINTS SHALL BE LOCATED SO AS NOT TO IMPAIR THE STRENGTH OF THE STRUCTURE. CONSTRUCTION JOINTS SHALL COMPLY WITH CBC SECTION 1906A.4. LOCATE CONSTRUCTION JOINTS AS SHOWN ON THE DRAWINGS OR APPROVED IN ADVANCE BY THE STRUCTURAL ENGINEER AND DSA.
14. PROVIDE SHOP DRAWINGS FOR ALL REINFORCING STEEL TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO BEGINNING ANY FABRICATION.
15. CONTRACTOR SHALL PREPARE AND SUBMIT CONCRETE MIX DESIGNS TO THE ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT OF ANY CONCRETE. CONCRETE MIX DESIGNS SHALL BE PER CBC SECTION 1905A.2, METHOD A (TABLE 19A-A-7). [ALTERNATE MIX DESIGN: METHOD B OR C MAY BE USED PER CBC SECTION 1905A.2 THROUGH 1905A.3. METHOD B OR C MIX DESIGNS SHALL BE SIGNED BY A CIVIL ENGINEER LICENSED IN CALIFORNIA.]
16. ALL GROUT SHALL BE NONMETALLIC NON-SHRINK HIGH STRENGTH GROUT BY MASTER BUILDERS OR EQUIVALENT AS APPROVED BY THE ARCHITECT. UTILIZE PRODUCTS RECOMMENDED BY THE MANUFACTURER FOR EACH APPLICATION AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
17. REINFORCING AND EMBEDMENT ITEMS SHALL BE FREE OF EXCESSIVE SCALE OR RUST, DIRT, GREASE, OIL OR ANY OTHER SUBSTANCE THAT WILL IMPAIR BOND WITH CONCRETE.
18. OWNER SHALL PROVIDE INSPECTIONS IN ACCORDANCE WITH CBC SECTIONS 1701A.5.1 AND 1701A.5.2 FOR THE PLACEMENT OF CONCRETE AND CONCRETE REINFORCEMENT, FOR BOLTS INSTALLED IN CONCRETE AND FOR SAMPLING CONCRETE. OWNER'S INSPECTOR SHALL PROVIDE INSPECTION REPORTS TO THE ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.
19. BATCH PLANT INSPECTION, AND CEMENT AND REINFORCING TESTS ARE NOT REQUIRED. THE QUANTITIES OF CONCRETE MATERIALS SHALL BE CERTIFIED BY A LICENSED WEIGHMASTER AND THE QUALITY OF MATERIALS SHALL BE VERIFIED BY THE OWNER'S TESTING AGENCY.
20. ALL CONCRETE WORK SHALL BE FORMED. CASTING OF FOUNDATION CONCRETE AGAINST SIDES OF FOOTING EXCAVATIONS SHALL NOT BE ALLOWED EXCEPT AS SPECIFICALLY APPROVED BY ARCHITECT, STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT. SEE DETAIL D/S5.1C

STRUCTURAL STEEL:

1. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE ASTM A36 UNLESS NOTED OTHERWISE.
2. TUBE MEMBERS SHALL BE ASTM A500 WITH MIN. YIELD STRESS OF 46,000 PSI., PIPE MEMBERS SHALL BE ASTM A53 WITH A MIN. YIELD STRESS OF 35,000 P.S.I.
3. UNLESS OTHERWISE NOTED, LIGHT GAUGE STEEL PLATE (10 GAUGE AND LESS) SHALL BE GALVANIZED AND PER THE REQUIREMENTS OF ASTM A36, ASTM A446 OR EQUAL WITH MINIMUM YIELD STRESS OF 33,000 PSI.
4. ALL BOLTS SHALL BE ASTM A307 MACHINE BOLTS UNLESS NOTED OTHERWISE.
5. ALL WELDING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE (CBC) AND THE STRUCTURAL WELDING CODE – STEEL, AWS D1.1, LATEST EDITION, OF THE AMERICAN WELDING SOCIETY. INSPECTION OF ALL WELDING SHALL BE PROVIDED, SEE NUMBER 8, BELOW.
6. FABRICATION AND ERECTION OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). ALSO COMPLY WITH REQUIREMENTS OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. (THERE ARE NO SELF-SUPPORTING FRAMES ON THIS PROJECT – TEMPORARY BRACING IS REQUIRED UNTIL ALL ELEMENTS SHOWN ON STRUCTURAL DRAWINGS ARE IN PLACE.)
7. PRIME ALL STEEL SURFACES WITH AN APPROVED PRIMER, EXCEPT SURFACES TO BE EMBEDDED IN CONCRETE AND SURFACES TO RECEIVE FIELD WELDS. TOUCH-UP FIELD WELDS AND OTHER EXPOSED STEEL SURFACES AFTER ERECTION. ALTERNATE: PROVIDE GALVANIZED PER ASTM STANDARDS.
8. PROVIDE TESTS AND INSPECTIONS IN ACCORDANCE WITH CBC SECTION 2231A. ALL STEEL SHALL BE PROPERLY IDENTIFIED PER CBC SECTION 2231A.1.

ABBREVIATIONS:

A.B.	ANCHOR BOLT	HCB	HOLLOW CONCRETE BLOCK
ABV.	ABOVE	HD	HOLDOWN
ADDL.	ADDITIONAL	HDR.	HEADER
ADJ.	ADJACENT	HK.	HOOK
ALT.	ALTERNATE	HORIZ.	HORIZONTAL
APPROX.	APPROXIMATE	H.S.	HIGH STRENGTH
ARCH.	ARCHITECTURAL		
		INFO.	INFORMATION
BLDG.	BUILDING	INTR.	INTERIOR
BLKG.	BLOCKING	INTRM.	INTERMEDIATE
BLW.	BELOW		
BM.	BEAM	JT.	JOINT
B.O.	BOTTOM OF	LCTN.	LOCATION
BOT.	BOTTOM		
B.S.	BOTH SIDES	MAX.	MAXIMUM
BTWN.	BETWEEN	MECH.	MECHANICAL
		MFR.	MANUFACTURER
C.J.	CONSTRUCTION JOINT	MIN.	MINIMUM
℄	CENTERLINE	MOD.	MODULE
CLG.	CEILING		
CLR.	CLEAR	(N)	NEW
CMU	CONCRETE MASONRY UNIT	N.S.	NEAR SIDE
COL.	COLUMN	N.T.S.	NOT TO SCALE
CONC.	CONCRETE		
CONSTR.	CONSTRUCTION	O.C.	ON CENTER
CONN.	CONNECTION	O.H.	OPPOSITE HAND/OVERHANG
CONT.	CONTINUOUS	OPNG.	OPENING
CP	COMPLETE PENETRATION	OPP.	OPPOSITE
CSK.	COUNTERSINK		
		PC.	PIECE
DBL.	DOUBLE	PL. (℘)	PLATE
DET.	DETAIL	PPT/PT	PRESSURE PRESERVATIVE TREATED
D.F.	DOUGLAS FIR		
DIAG.	DIAGONAL	P.W.	PLYWOOD
DIM.	DIMENSION		
D.O.	DITTO	REINF.	REINFORCEMENT
DRWG.	DRAWING	REQD.	REQUIRED
DIA., ø	DIAMETER	RWD.	REDWOOD
(E)	EXISTING	SHTHG.	SHEATHING
EA.	EACH	SIM.	SIMILAR
E.F.	EACH FACE	SQ.	SQUARE
E.J.	EXPANSION JOINT	STD.	STANDARD
ELEV.	ELEVATION	STG'D.	STAGGERED
E.N.	END NAIL	STIFF.	STIFFENER
EQ.	EQUAL	S.W.	SHEARWALL
EQUIP.	EQUIPMENT	SYM.	SYMMETRICAL
E.S.	EACH SIDE		
EXTR.	EXTERIOR	T&B	TOP & BOTTOM
E.W.	EACH WAY	T&G	TONGUE & GROOVE
		THRU	THROUGH
F.F.	FINISH FLOOR	T.N./TN	TOE NAIL
F.G.	FINISH GRADE	T.O.	TOP OF
FIN.	FINISH	T.O.C.	TOP OF CONCRETE
FLR.	FLOOR	T.O.S.	TOP OF STEEL
F.N.	FACE NAIL	TS	TUBE STEEL
FND.	FOUNDATION	TYP.	TYPICAL
F.O.C.	FACE OF CONCRETE		
F.O.M.	FACE OF MASONRY	U.O.N.	UNLESS OTHERWISE NOTED
F.O.S.	FACE OF STUD	VERT.	VERTICAL
F.S.	FAR SIDE		
FTG.	FOOTING	W/	WITH
GA.	GAGE	W.P.	WORK POINT
GALV.	GALVANIZED	WWF	WELDED WIRE FABRIC
G.L.	GRID LINE	WND.	WINDOW
GLB	GLU-LAM BEAM		
GYP. BD.	GYPSUM BOARD		

CONCRETE FOUNDATION:

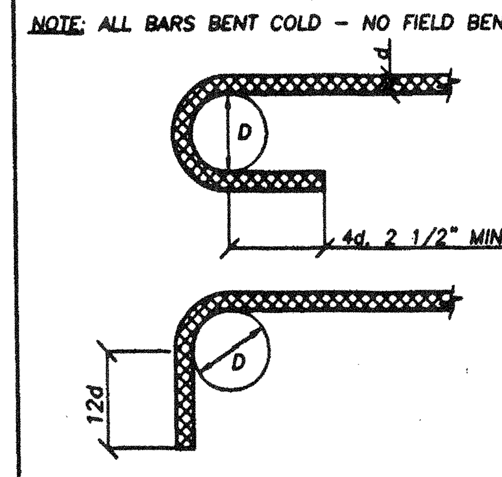
1. FOUNDATION BEARING SHALL BE AS APPROVED BY THE DIVISION OF THE STATE ARCHITECT AND THE OWNER'S ARCHITECT. IT IS THE SCHOOL DISTRICT'S RESPONSIBILITY TO PROVIDE ADEQUATE BEARING TO DEVELOP THE ALLOWABLE BEARING PRESSURE NOTED BELOW.
2. FOUNDATIONS ARE DESIGNED FOR A DEAD PLUS LIVE LOAD ALLOWABLE SOIL BEARING PRESSURE OF 1000 PSF, AS PER CBC TABLE 18A-I-A OR IR 16-3.
3. THE BOTTOM OF ALL FOOTINGS SHALL BE LEVEL. CHANGES IN FOOTING ELEVATIONS SHALL BE MADE UTILIZING THE TYPICAL FOOTING STEP DETAILS ON THESE DRAWINGS.
4. CENTER FOOTINGS UNDER WALLS OR COLUMNS UNLESS OTHERWISE INDICATED ON THESE DRAWINGS.
5. PROVIDE PROPER GRADING OF SITE SUCH THAT WATER DOES NOT POND OR OTHERWISE COLLECT UNDER THE BUILDING.
6. FOUNDATIONS ARE DESIGNED AS FIXED FOUNDATIONS IN ACCORDANCE WITH IR 16-3 OR CBC CHAPTER 18A.
   A. ALL BUILDINGS, PERMANENT OR OTHER RELOCATABLE, ADJACENT TO THESE RELOCATABLE BUILDINGS MUST BE SEPARATED FROM THESE RELOCATABLE BUILDINGS BY 2" MINIMUM.

PAD FOUNDATIONS: (RESTRAINED)

1. FOUNDATION BEARING SHALL BE AS APPROVED BY THE DIVISION OF THE STATE ARCHITECT AND THE OWNER'S ARCHITECT. IT IS THE SCHOOL DISTRICT'S RESPONSIBILITY TO PROVIDE ADEQUATE BEARING TO DEVELOP THE ALLOWABLE BEARING PRESSURE NOTED BELOW.
2. FOUNDATIONS ARE DESIGNED FOR A DEAD PLUS LIVE LOAD ALLOWABLE SOIL BEARING PRESSURE OF 1000 PSF, AS PER IR 16-3.
3. THE BOTTOM OF ALL FOOTINGS SHALL BE LEVEL. CHANGES IN FOOTING ELEVATIONS SHALL BE MADE UTILIZING THE FOOTING SHIM DETAILS ON THESE DRAWINGS.
4. CENTER FOOTINGS UNDER WALLS OR COLUMNS UNLESS OTHERWISE INDICATED ON THESE DRAWINGS.
5. PROVIDE PROPER GRADING OF SITE SUCH THAT WATER DOES NOT POND OR OTHERWISE COLLECT UNDER THE BUILDING.
6. VERIFY THAT NO PIPES, UTILITIES, OR OTHER SUCH ITEMS OCCUR BELOW FOOTINGS.
7. FOUNDATIONS ARE DESIGNED AS "RESTRAINED FOUNDATION", IN ACCORDANCE WITH IR 16-3, TEMPORARY FOUNDATIONS.
   a. ANCHOR FOOTINGS AT BUILDING PERIMETER WITH 1" ø GALVANIZED STANDARD STEEL PIPES DRIVEN FLUSH WITH TOP OF WOOD FOUNDATION PADS AND PENETRATING SOIL 12" MINIMUM AT A MAXIMUM SPACING OF 10'-0" O.C. AT SIDEWALLS AND AT EACH CORNER EACH MODULE AT ENDWALLS.
   b. STAIRS AND RAMPS SHALL BE PROPERLY ANCHORED TO BUILDING TO PREVENT SEPARATION.
   c. ALL BUILDINGS, PERMANENT OR OTHER RELOCATABLE, ADJACENT TO THESE RELOCATABLE BUILDINGS MUST BE SEPARATED FROM THESE RELOCATABLE BUILDINGS BY 2" MINIMUM.
8. FINISH GRADES SHALL BE WITHIN MAX. 18" BELOW BOTTOM OF FLOOR JOISTS, WITHOUT EXCEPTION.

TYPICAL DETAILS:

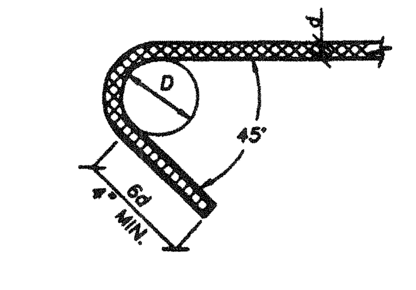
NOTE: ALL BARS BENT COLD – NO FIELD BENDING ALLOWED.



INSIDE BEND DIAMETERS

BAR SIZE	D
#3 TO #8	6d
#9,#10,#11	8d
#14,#18	10d

TYPICAL (U.O.N.)

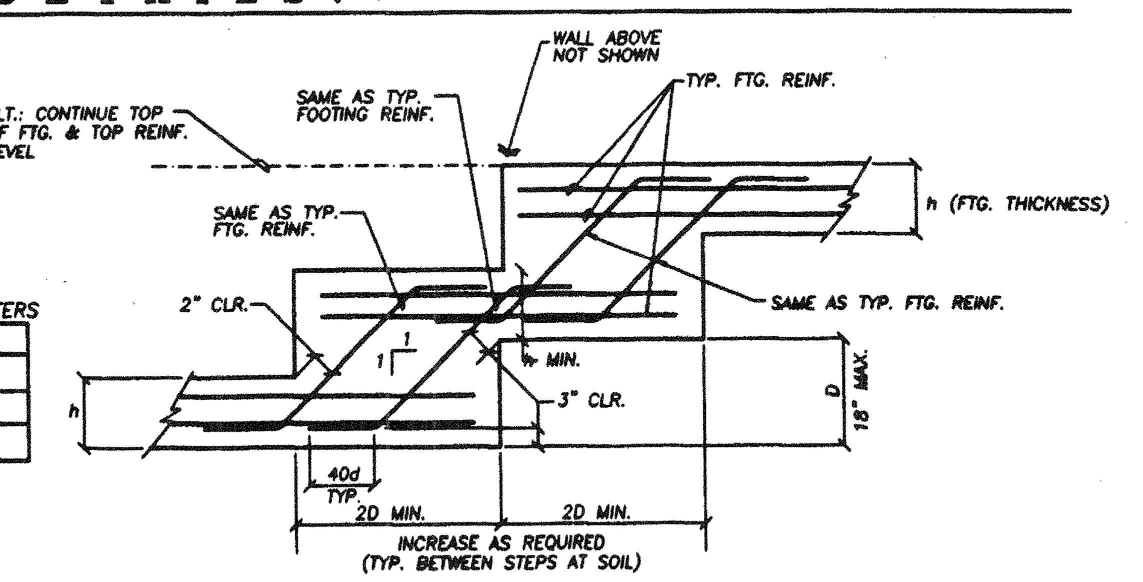


INSIDE BEND DIAMETERS

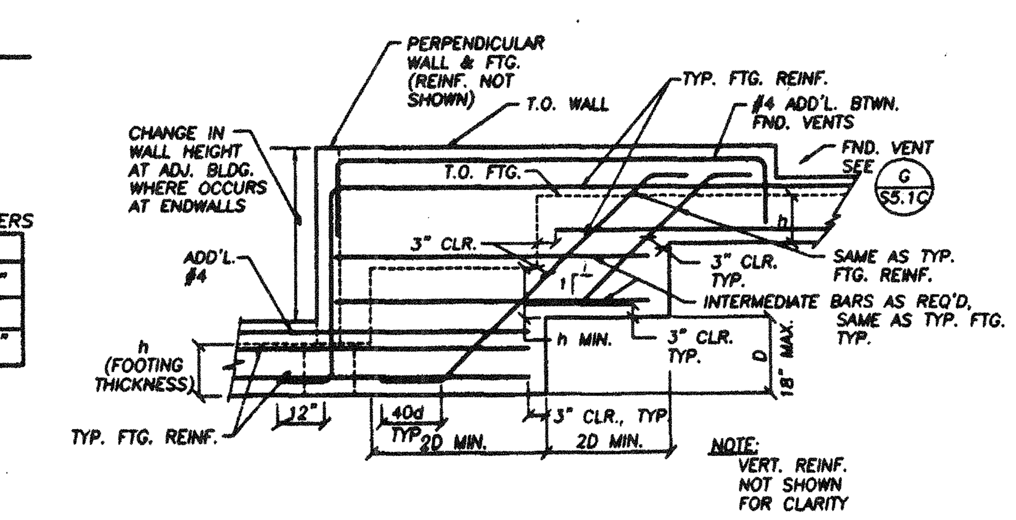
BAR SIZE	D
#3	1 1/2"
#4	2"
#5	2 1/2"

STIRRUPS & TIES

A/S0.1 STD HOOKS AND BENDS IN REINF. STEEL
(05/25/93)

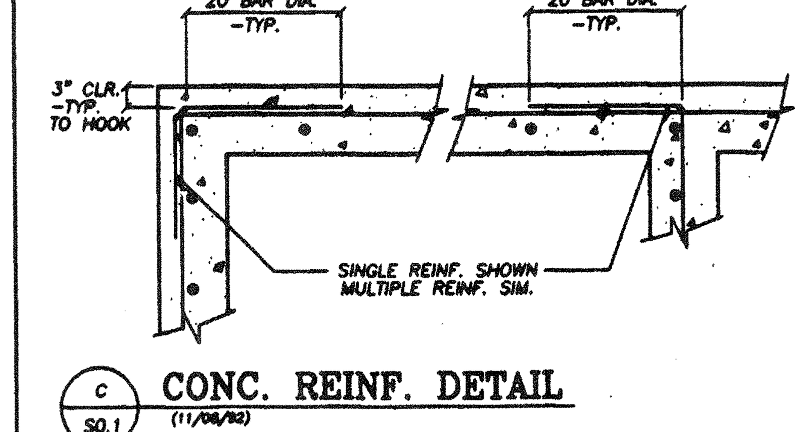


@ MOD. ℄

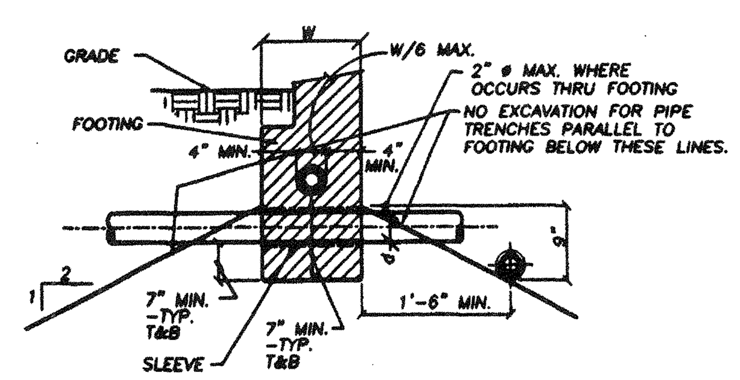


AT ENDWALL / SIDEWALL

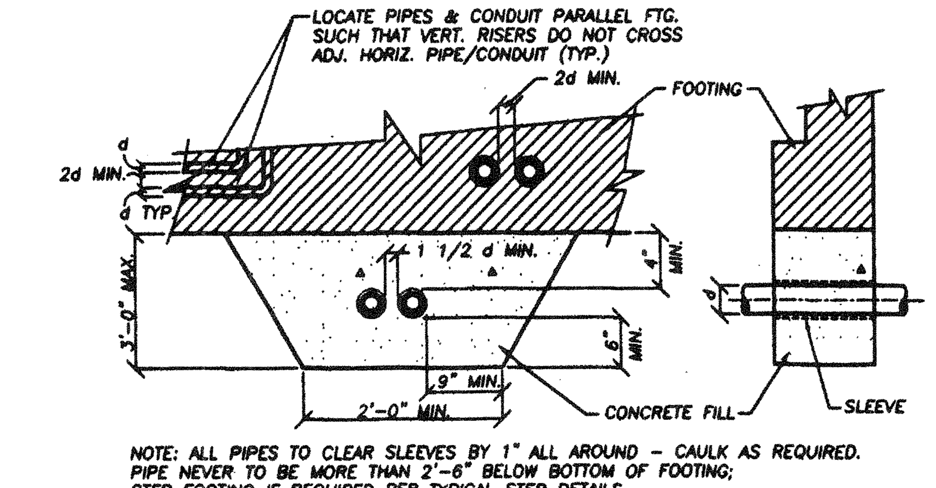
B/S0.1 STEP FOOTING DETAIL
(11/06/92)



C/S0.1 CONC. REINF. DETAIL
(11/06/92)



NOTE: ALL PIPES TO CLR. SLEEVES BY 1" ALL AROUND –CAULK AS REQ'D



NOTE: ALL PIPES TO CLEAR SLEEVES BY 1" ALL AROUND – CAULK AS REQUIRED. PIPE NEVER TO BE MORE THAN 2'-6" BELOW BOTTOM OF FOOTING; STEP FOOTING IF REQUIRED PER TYPICAL STEP DETAILS.

D/S0.1 PIPES AT FOOTINGS
(12/03/91)

LICENSED ARCHITECT MITCHELL A. McALLISTER NO. C-17250 REN. 2/28/17 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115037
AC ___ FLS ___ SS ___
DATE 4-7-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 105033
AC ___ FLS ___ SS ___
DATE 4-1-03

DESIGN
ROOF LIVE LOAD = 30 PSF (SNOW)
FLOOR LIVE LOAD = 50/125 PSF
WIND = 80 MPH @ C
SEISMIC ZONE = 4
SEISMIC SOURCE TYPE A
DISTANCE TO KNOWN SOURCE ≥15KM

PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02 101487
AC ___ FLS ___
DATE 11/18/99

DIVISION OF STATE ARCHITECT

ENGINEER

REGISTERED PROFESSIONAL ENGINEER TERESA LYNN VERNER No. 044581 Exp. 03/31/02 CIVIL STATE OF CALIFORNIA

ARCHITECT

LICENSED ARCHITECT [redacted] C-19,752 EXP. 07/31/01 STATE OF CALIFORNIA

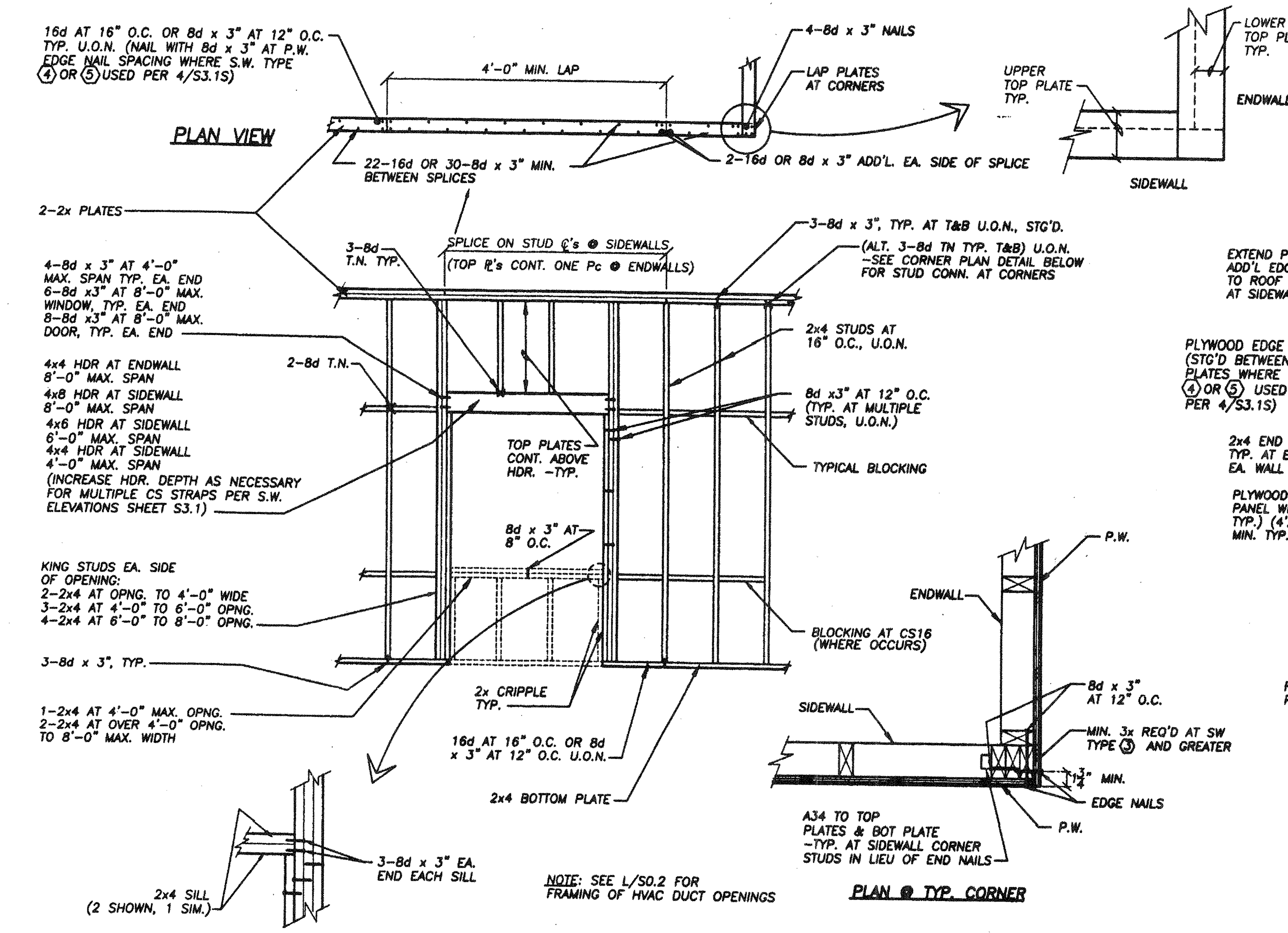
GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA 95650 (916) 652-9291

~~12'x40'~~, 24'x40', ~~36'x40'~~, ~~48'x40'~~, ~~60'x40'~~, ~~72'x40'~~
RELOCATABLE BUILDINGS
SACRAMENTO CITY U.S.D.
MARIAN ANDERSON ELEMENTARY

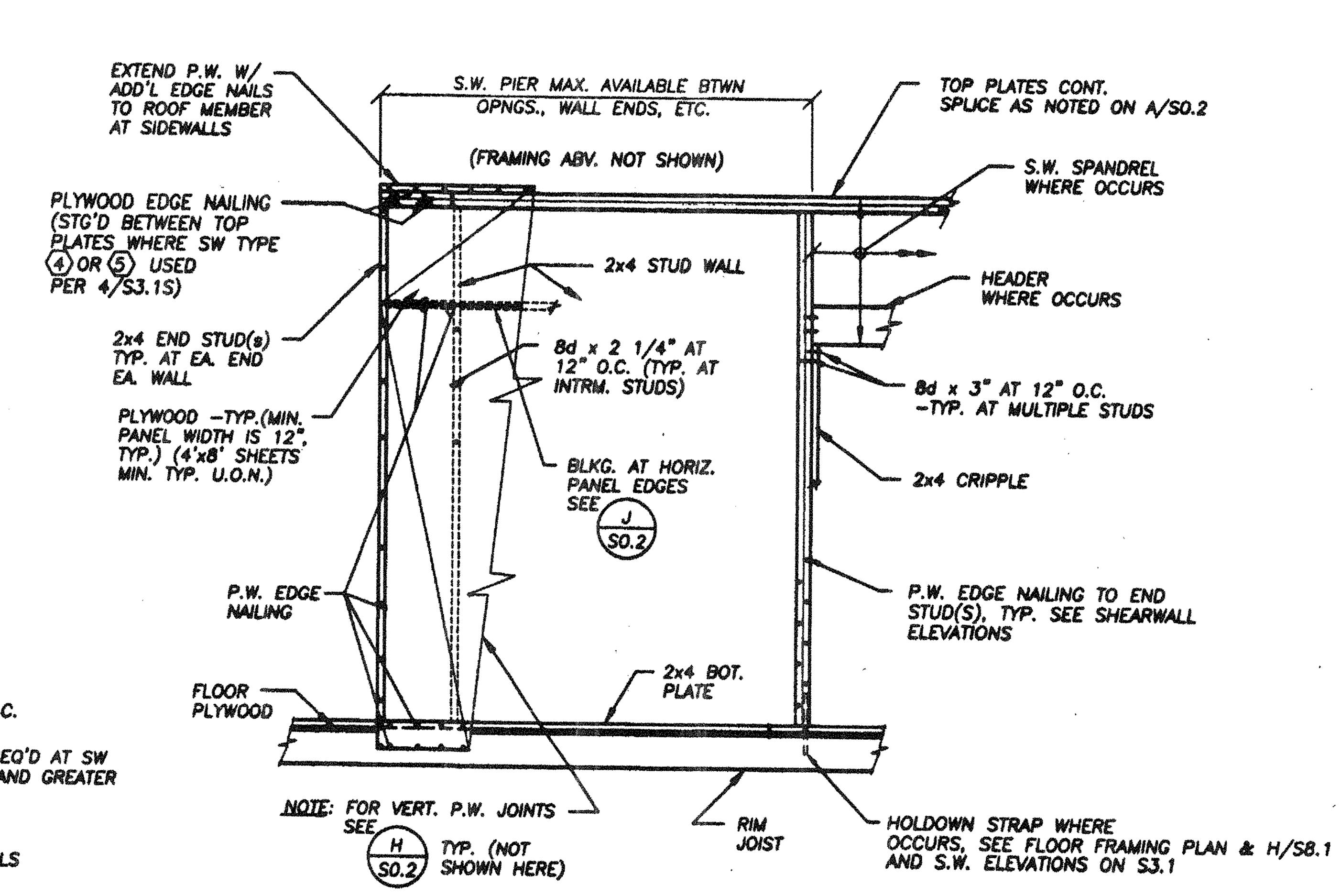
GENERAL NOTES AND TYPICAL DETAILS

DRAWN	TDL/CLP
CHECKED	TLV
DATE	07/15/99
SCALE	N.T.S.
JOB NO.	0313
FILE	P269S01

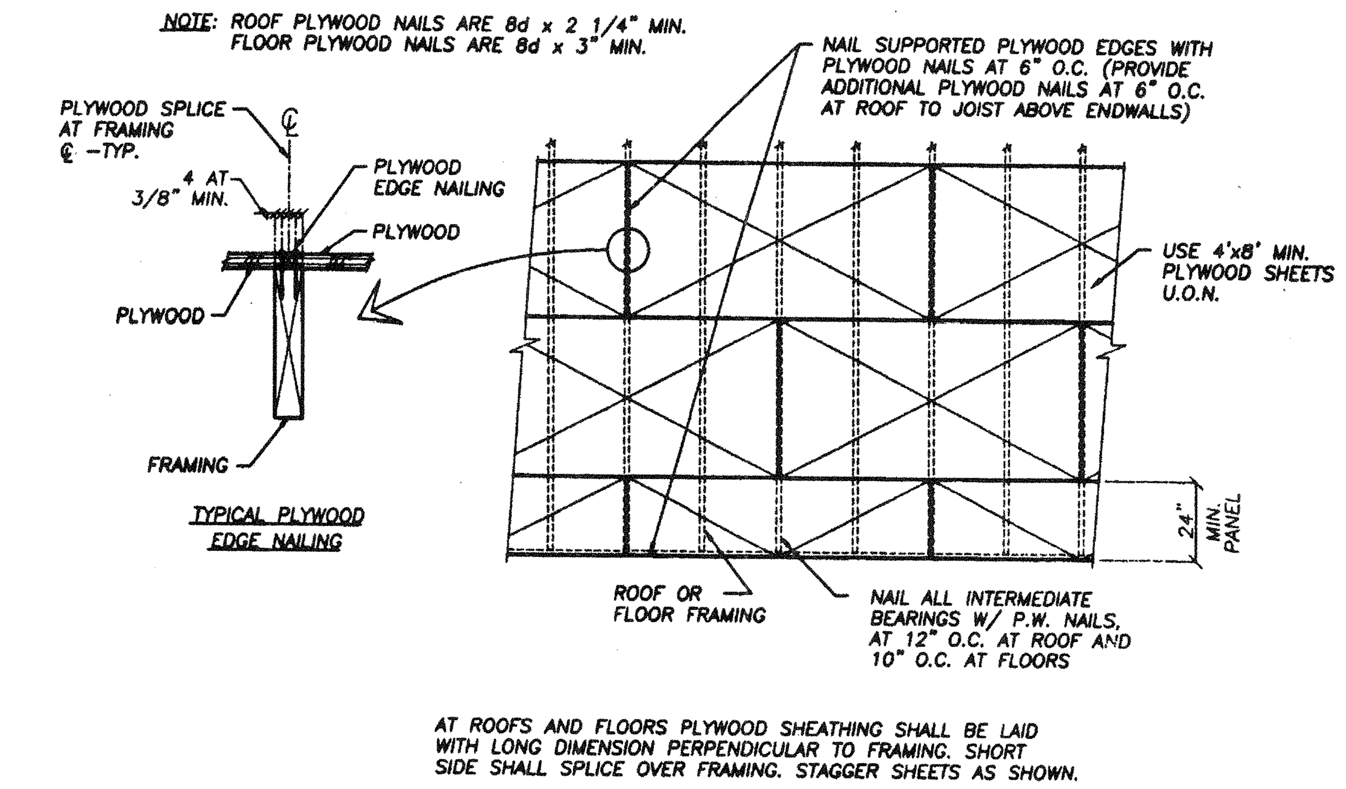
S0.1



A S0.2 TYP. STUD WALL DETAIL

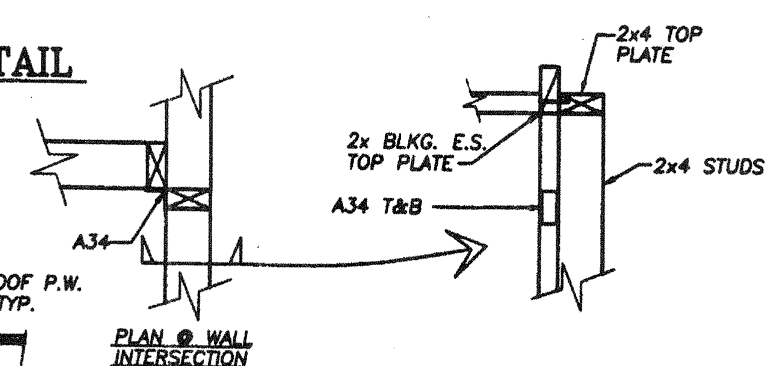


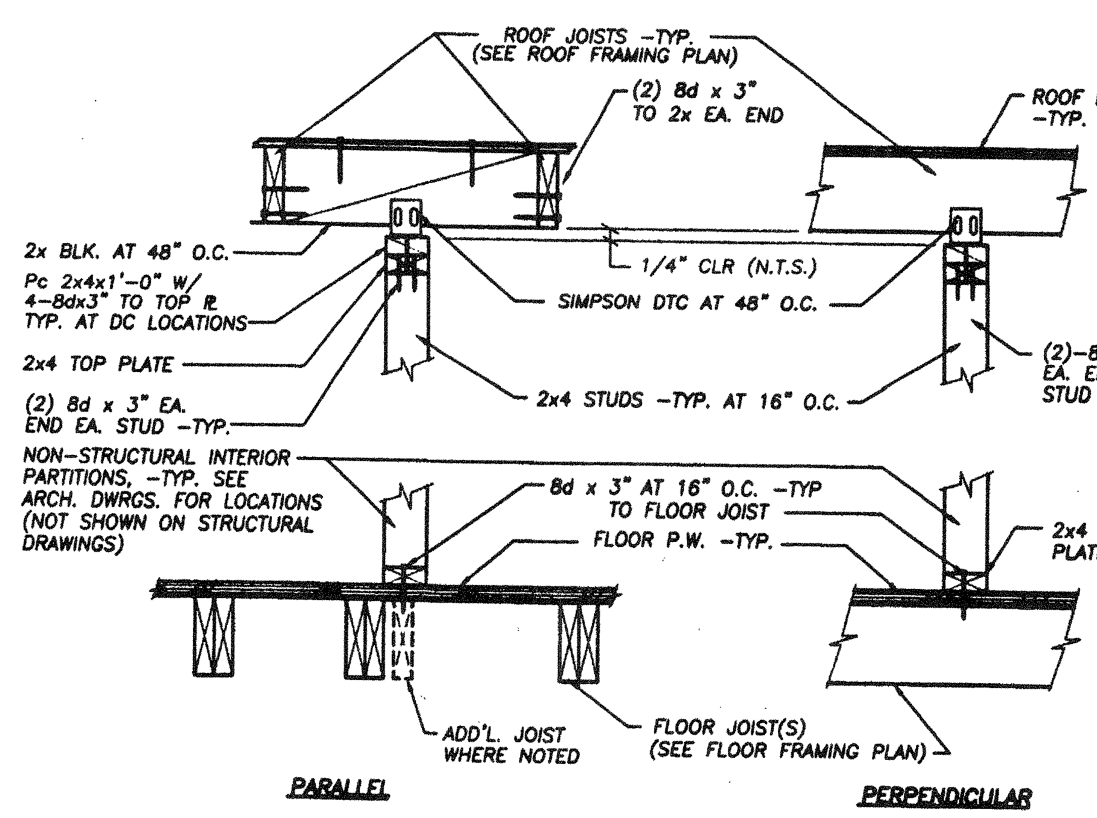
B S0.2 TYP. DET. - P.W. SHEARWALL



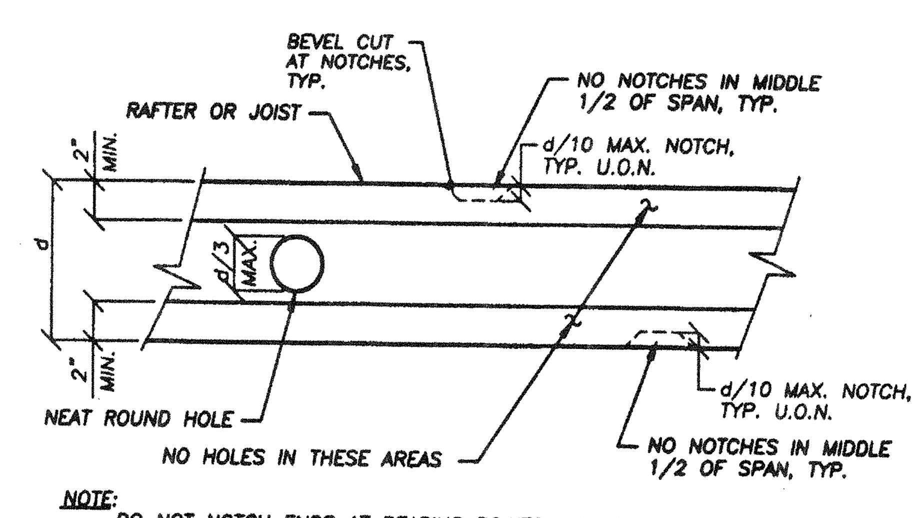
AT ROOFS AND FLOORS PLYWOOD SHEATHING SHALL BE LAID WITH LONG DIMENSION PERPENDICULAR TO FRAMING. SHORT SIDE SHALL SPLICE OVER FRAMING. STAGGER SHEETS AS SHOWN.

C S0.2 TYP. P.W. SHEATHING DETAIL (ROOF & FLOOR)





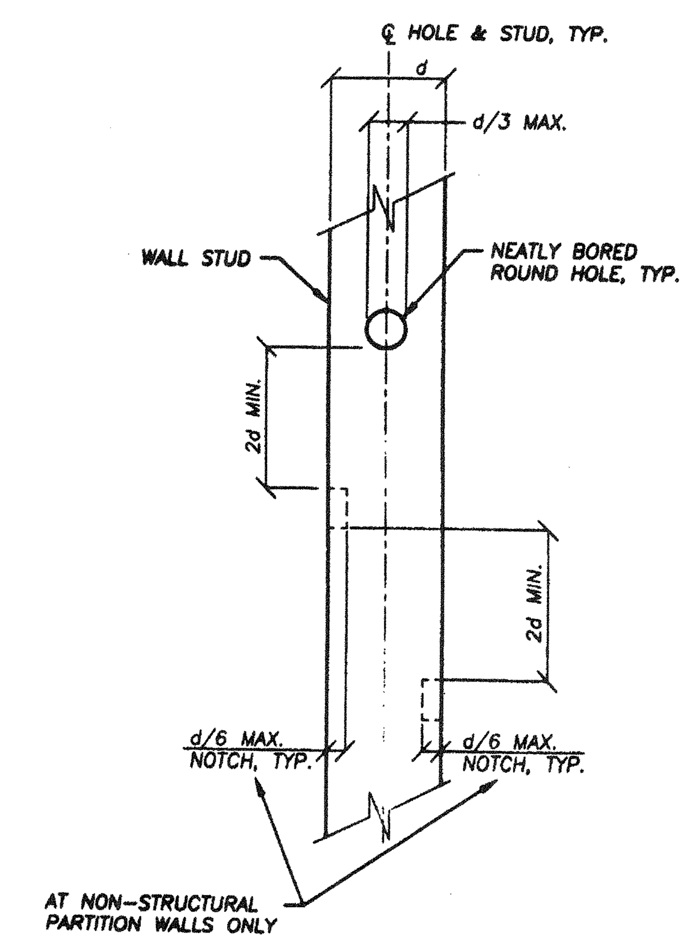
D S0.2 PARTITION WALL DETAIL (NON-BEARING)



NOTE:
DO NOT NOTCH ENDS AT BEARING POINTS, UNLESS DETAILED SPECIFICALLY ON PLANS (AND IN NO CASE EXCEED d/4)

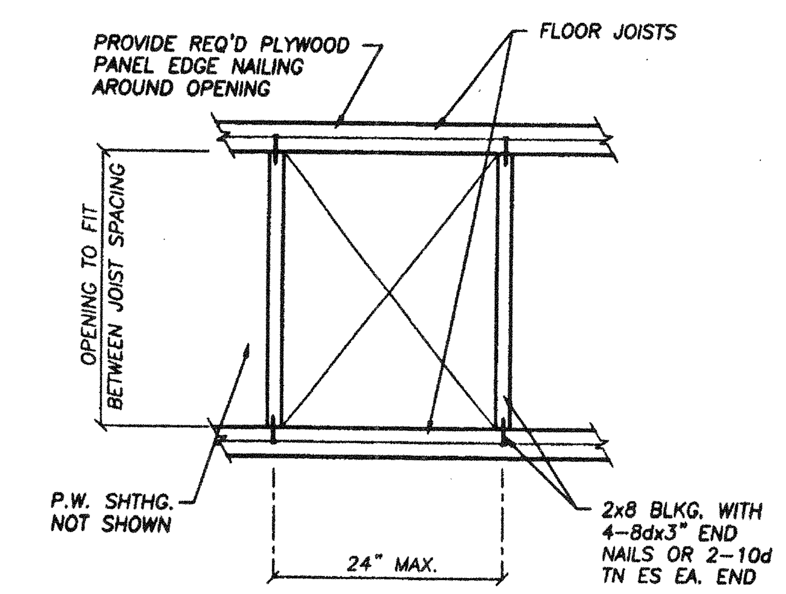
E S0.2 ALLOW. CUTS IN RAFTERS & JOISTS

(APPLIES TO 2x MEMBERS ONLY -NOTCHES ALLOWED IN 4x MEMBERS ONLY AT ENDS)

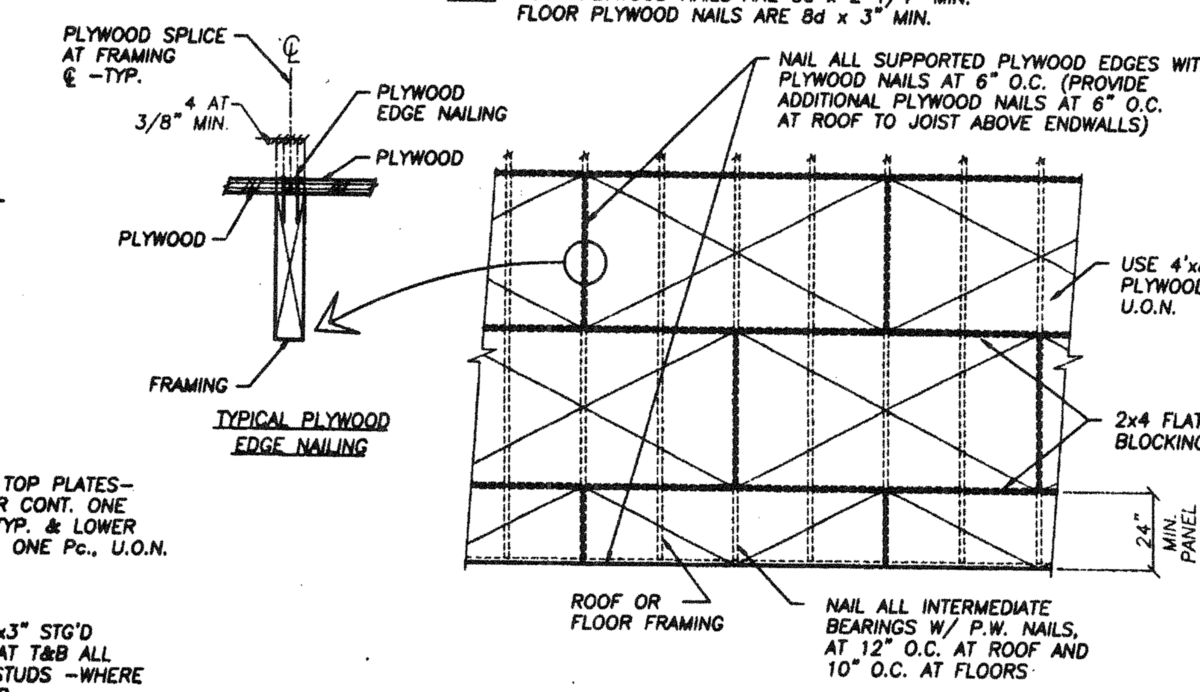


F S0.2 ALLOW. CUTS IN WALL STUDS

(APPLIES TO WALLS SHOWN ON STRUCT. DRWGS. ONLY U.O.N.)



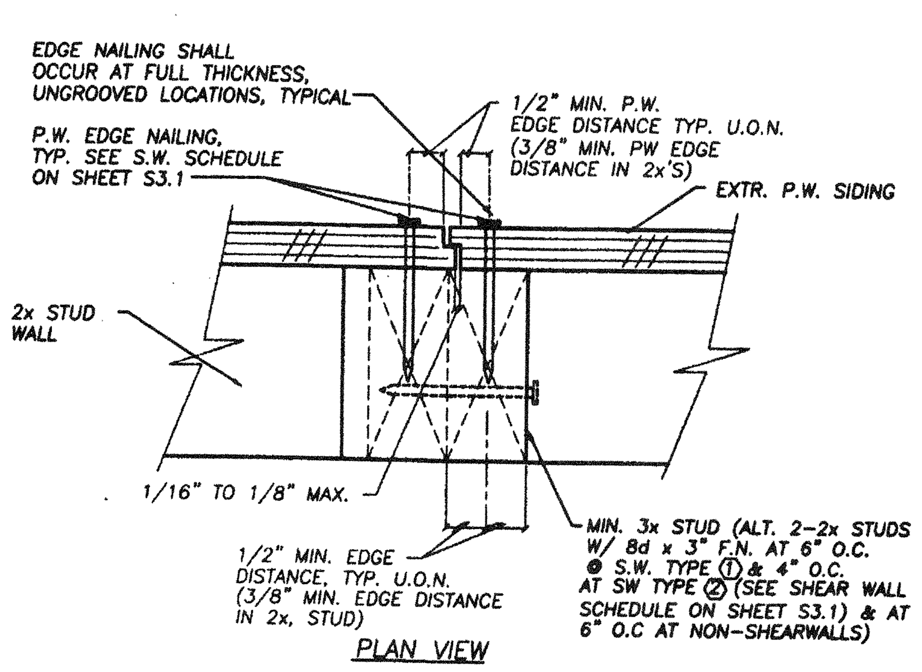
G S0.2 DET.-TYP. FLR. FRAMING @ OPNG.



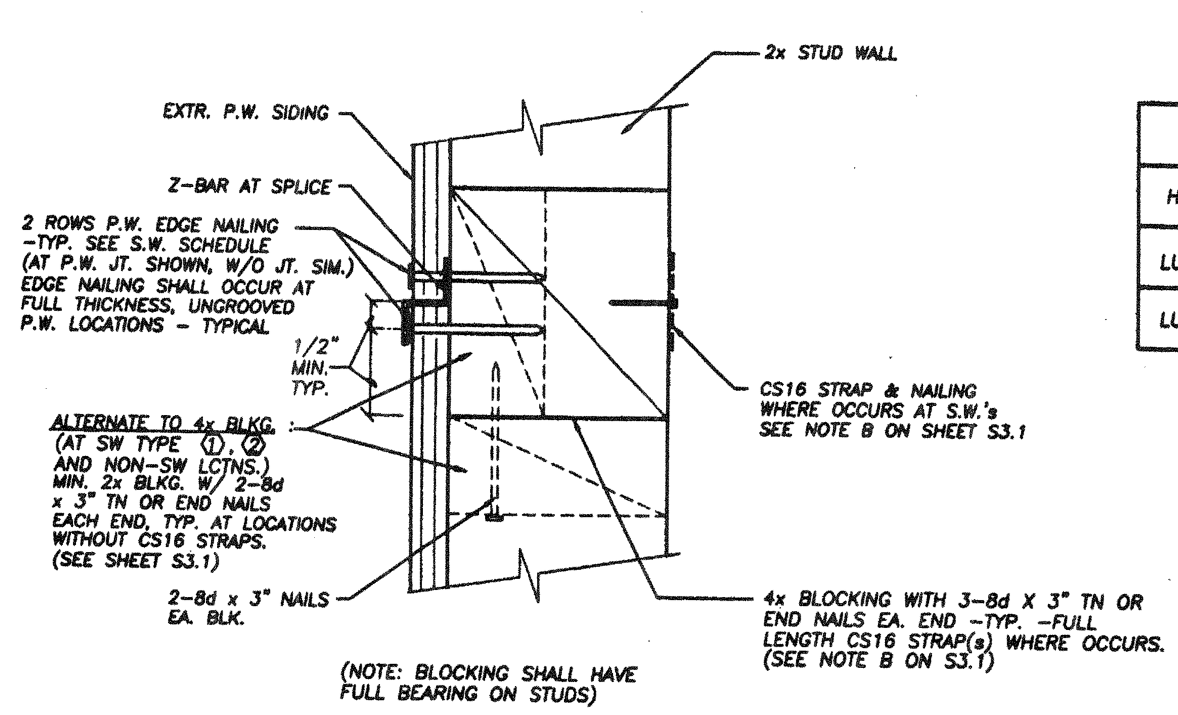
AT ROOFS AND FLOORS PLYWOOD SHEATHING SHALL BE LAID WITH LONG DIMENSION PERPENDICULAR TO FRAMING. SHORT SIDE SHALL SPLICE OVER FRAMING. LONG EDGES SHALL BE PROVIDED WITH 2x4 BLOCKING FOR CONT. NAILING. STAGGER SHEETS AS SHOWN.

M S0.2 TYP. BLOCKED P.W. SHEATHING DETAIL

(12'x40' BUILDING ONLY) (ROOF & FLOOR)



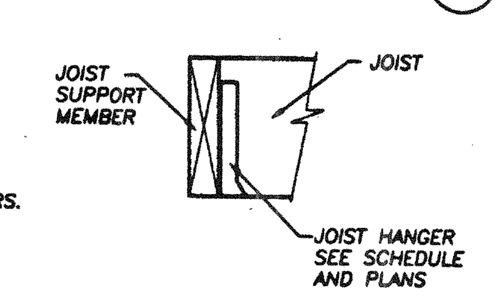
H S0.2 DET. -VERT. P.W. JOINT AT WALL



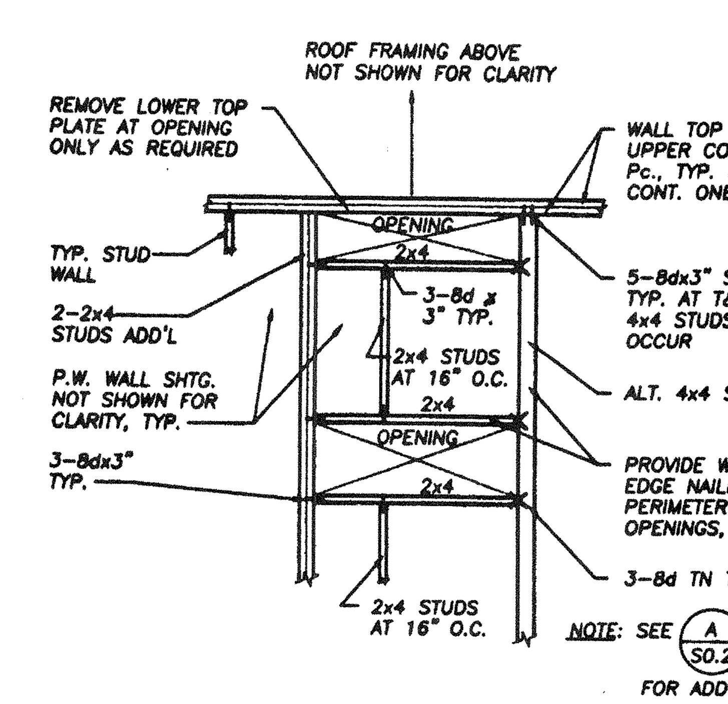
J S0.2 DET. -BLKG. AT HORIZ. WALL P.W. JOINT

JOIST HANGER SCHEDULE		
HANGER	NAILS TO JOIST *	NAILS TO JOIST * SUPPORT MEMBER
LU26	4-10d x 1 1/2"	6-10d x 1 1/2"
LUS28-2	4-16d	6-16d

*NOTE: SEE G/S8.1 TYP.



K S0.2 DET. -TYP. JOIST HANGER



L S0.2 WALL FRAMING AT HVAC DUCT OPENINGS

34-53
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
02 115037
AC___ FLS___ SS GBL
DATE 4-7-2016

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
02 105033
AC___ FLS___ SS KS
DATE 4-1-03

DESIGN
ROOF LIVE LOAD = 30 PSF (SNOW)
FLOOR LIVE LOAD = 50/125 PSF
WIND = 80 MPH @ C
SEISMIC ZONE = 4
SEISMIC SOURCE TYPE A
DISTANCE TO KNOWN SOURCE ≥15KM

LICENSED ARCHITECT MITCHELL A. McALLISTER NO. C-17250 REN. 2/28/17 STATE OF CALIFORNIA

REVISIONS

PC

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
02 101487
AC___ FLS___
DATE 11/8/99

DIVISION OF STATE ARCHITECT

ENGINEER

REGISTERED PROFESSIONAL ENGINEER TERESA LYNN VERDIER No. C044581 Exp. 03/31/02 CIVIL STATE OF CALIFORNIA

ARCHITECT

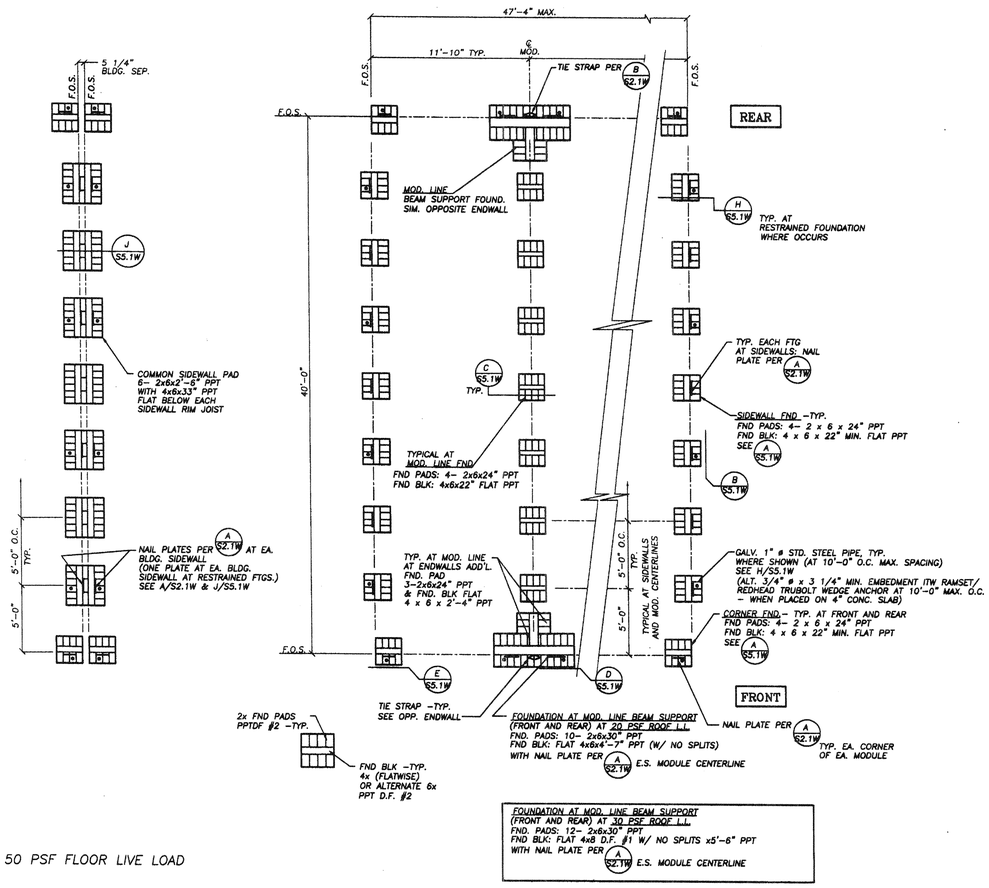
LICENSED ARCHITECT C-19,752 EXP. 07/31/01 STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291
~~12'x40'~~, 24'x40', 36'x40', ~~48'x40', 60'x40', 72'x40'~~
RELOCATABLE BUILDINGS
SACRAMENTO CITY U.S.D.
MERIAM ANDERSON ELEMENTARY
TYPICAL DETAILS

GDmfg

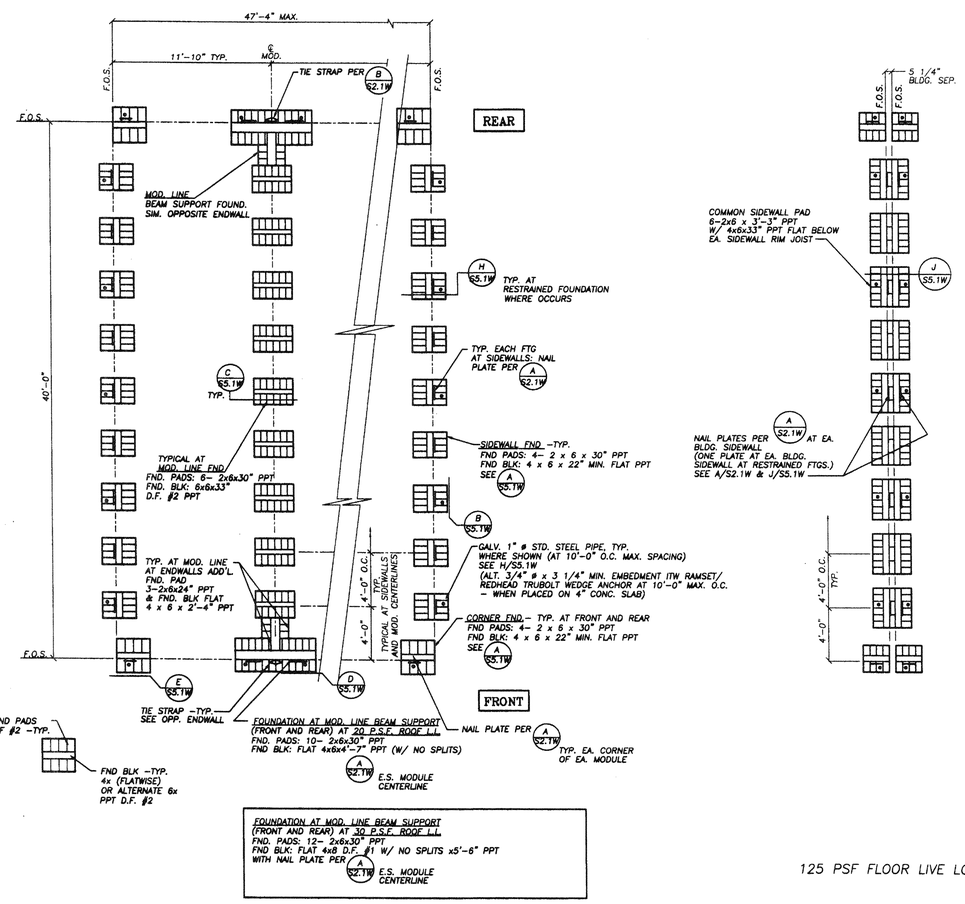
DRAWN TDL/CLP
CHECKED TLV
DATE 07/15/99
SCALE N.T.S.
JOB NO. 6813
FILE P269S02

S0.2



50 PSF FLOOR LIVE LOAD

50 PSF FLOOR LIVE LOAD
SOIL PRESSURE: 1000 PSF



125 PSF FLOOR LIVE LOAD

125 PSF FLOOR LIVE LOAD
SOIL PRESSURE: 1000 PSF

125 PSF FLOOR LIVE LOAD

1A S2.1W FND. AT BLDG. SEP. AT SIDEWALLS
3/16" = 1'–0"

1 S2.1W MULTI–WIDE FOUNDATION PLAN
3/16" = 1'–0"

2 S2.1W MULTI–WIDE FOUNDATION PLAN
3/16" = 1'–0"

2A S2.1W FND. AT BLDG. SEP. AT SIDEWALLS
3/16" = 1'–0"

BLDG. SIZE	SIDEWALLS (ONE ℄ AT EA. SIDEWALL FTG.) PLATE TYPE PER A/S5.1W (LOCATE ℄'S AT RESTRAINED FTGS)	ENDWALLS (ONE ℄ EA. CORNER OF EA. MOD.) PLATE TYPE PER A/S5.1W
24x40	MIN. 4 ℄ TYPE 1, 2 OR 3 (ALT. MIN. 5 ℄ TYPE 7)	4, 5 OR 6
36x40	MIN. 5 ℄ TYPE 1, 2 OR 3 (ALT. MIN. 7 ℄ TYPE 7)	1, 2 OR 3
48x40	MIN. 7 ℄ TYPE 1, 2 OR 3 (ALT. MIN. 9 ℄ TYPE 7)	1, 2 OR 3

SEE A S5.1W, F S5.1W, G S5.1W & J S5.1W FOR PLATE SIZE AND INSTALLATION

A S2.1W NAIL PLATE SCHEDULE

NOTE: FOR 60'x40' AND 72'x40' BUILDINGS CONCRETE FOUNDATION REQUIRED

BLDG. SIZE	STRAP	ATTACHMENT EA. END OF STRAP
24x40 36x40 48x40	WB106x18" (PLATE 16 GA. x 1 1/4")	7–10dx1 3/4" (ALT. 5–#10 x 1 1/2" WOOD SCREWS)

SEE D S5.1W

B S2.1W ENDWALL TIE STRAP SCHEDULE
(TYPICAL AT MODULE CENTERLINE)

REVISIONS

PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02 101487
AC ___ FLS ___ SS ___
DATE 11/2/99

DIVISION OF STATE ARCHITECT

ENGINEER

REGISTERED PROFESSIONAL ENGINEER
TERRY L. VAN VERST
No. 044581
Exp. 03/31/02
C/V/L
STATE OF CALIFORNIA

ARCHITECT

LICENSED ARCHITECT
CHARLES L. SMITH
C-19,752
EXP. 07/31/01
STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652–9291

24'x40', 36'x40', 48'x40'
RELOCATABLE BUILDINGS

WOOD PAD FOUNDATION PLANS

LICENSED ARCHITECT
MITCHELLA A. McALLISTER
No. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

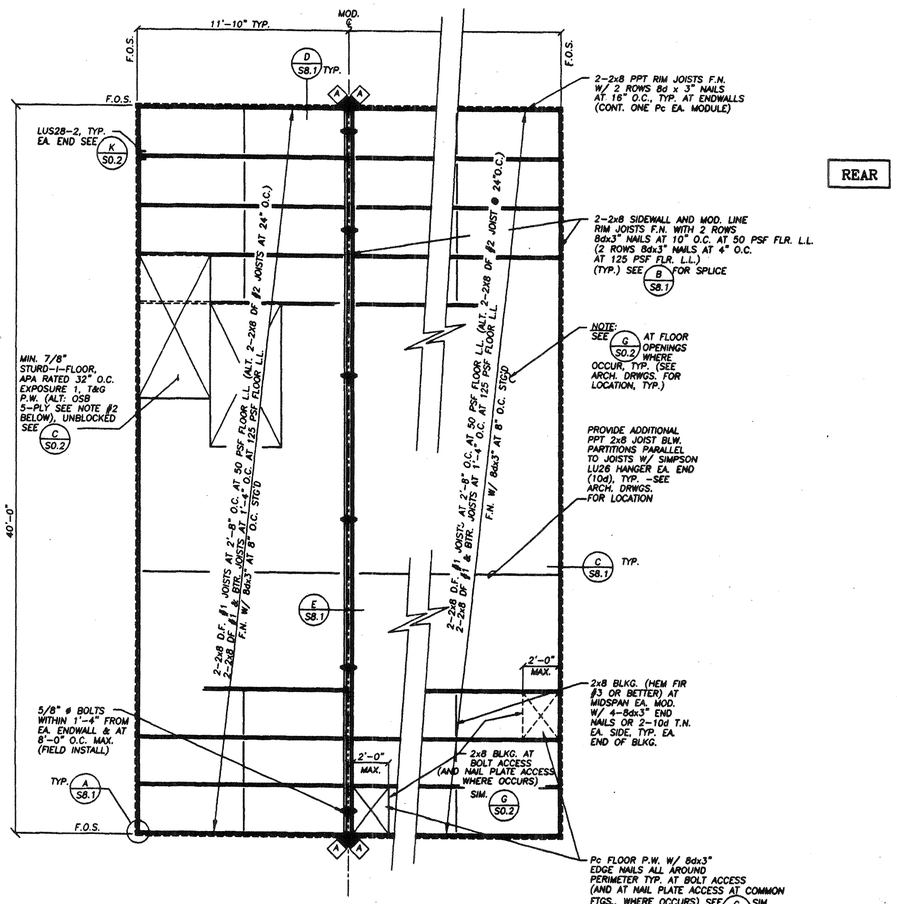
gmfg

36–53
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 P1 5037
AC ___ FLS ___ SS 105
DATE 4-7-2016

DESIGN
ROOF LIVE LOAD = 20/30 PSF (SNOW)
FLOOR LIVE LOAD = 50/125 PSF
WIND = 80 MPH exp C
SEISMIC ZONE = 4
SEISMIC SOURCE TYPE A
DISTANCE TO KNOWN SOURCE ≥15KM

DRAWN TDL/CLP
CHECKED TLV
DATE 07/15/99
SCALE 3/16"=1'–0"
JOB NO.
FILE P269S21W

S2.1W

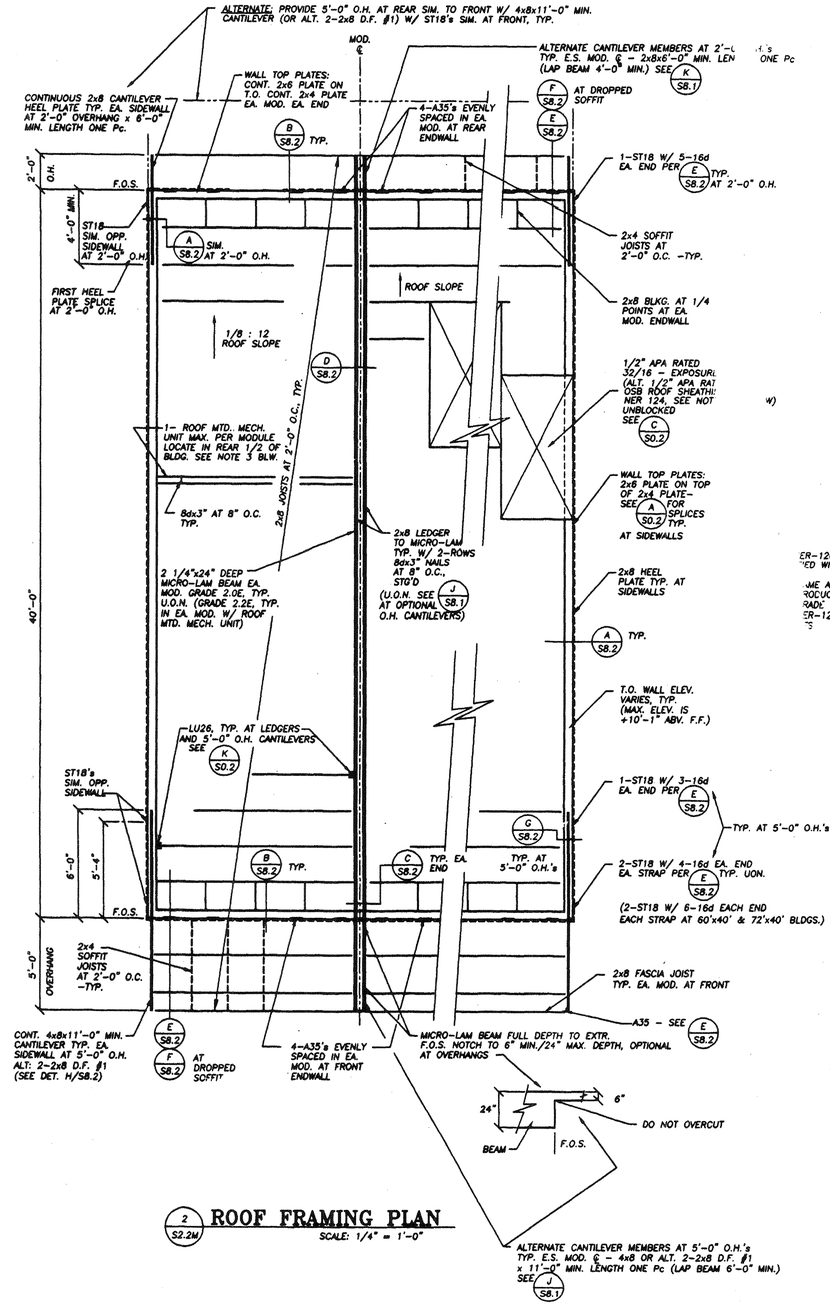


REAR

FRONT

1 S2.2M FLOOR FRAMING PLAN

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



2 S2.2M ROOF FRAMING PLAN

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

ER-126, MICRO-LAM BEAMS SHALL BE ED WITH STAMPS NOTING:

ME AND PLANT NUMBERS OF MFR. ODUCT TRADE NAME ADE ER-126

NOTE:

1. SEE 1 S9.1R OR 2 S9.1R AND SHEET S9.2R FOR ACCESS RAMP/LANDING/STAIR (TYP.) SEE ARCH. DRWGS FOR LOCATION, TYPE, AND CONFIGURATION, TYP.
2. ALT. FLR. SHTHG. SHALL BE MIN. 7/8" STURD-I-FLOOR APA RATED 32" O.C., EXPOSURE 1, T&G PS-1 VENEER FACED STRUCTURAL USE PANELS W/ NON VENEER OR VENEER CORE AS MANUFACTURED BY OREGON STRAND BOARD COMPANY OR APPROVED EQUAL. PANEL SHALL BE MARKED WITH AN APA GRADE MARK, WITH A SPAN IDENTIFICATION INDEX IN ACCORDANCE WITH APA. SEE COUNCIL OF AMERICAN BUILDING OFFICIALS REPORT NER 108.
3. WHERE ROOF MOUNTED MECH. UNIT OCCURS, PROVIDE 2-2x8 ROOF JOISTS AT 24" O.C. BELOW UNIT WITH LUS28-2 JOIST HANGER EACH END, SEE K S0.2 (LOCATE CENTER OF GRAVITY OF 1- 500# MAX. OPERATING WEIGHT MECH. UNIT AT CENTER OF MODULE IN REAR 1/2 OF BUILDING). PROVIDE 4x4 BLKG. BELOW MECH. UNIT SUPPORT FRAME / CURB WITH A34 EACH END, TYP. SEE J S8.2 AND K S8.2 FOR FRAMING AT MECH. OPENINGS IN ROOF WHERE OCCUR.
4. ALT. ROOF SHTHG. SHALL BE 1/2" APA RATED 32/16 ORIENTED STRAND BOARD (OSB) ROOF SHEATHING AS MANUFACTURED BY LOUISIANA - PACIFIC CORPORATION. PANEL SHALL BE MARKED WITH AN APA GRADE MARK, WITH A SPAN IDENTIFICATION INDEX IN ACCORDANCE WITH APA. MANUFACTURE AND INSTALL PER DSA PRODUCT ACCEPTANCE NUMBER PA-062.

LEGEND (TYP. THIS SHEET)

: 2x4 STUD WALL SEE A S0.2, TYP.

: INDICATES HOLDOWN STRAP(s) PER H S8.1 TYP. AT MOD. CENTERLINES

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 02 115037 AC FLS SS DATE 4-7-2016

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 02 105033 AC FLS SS DATE 6-4-03

DESIGN	
ROOF LIVE LOAD =	30 PSF (SNOW)
FLOOR LIVE LOAD =	50/125 PSF
WIND	= 80 MPH ≈ C
SEISMIC ZONE =	4
SEISMIC SOURCE TYPE	A
DISTANCE TO KNOWN SOURCE	≥15KM

REVISIONS

PC

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 02 101487 AC FLS DATE 11/6/99

DIVISION OF STATE ARCHITECT

ENGINEER

REGISTERED PROFESSIONAL ENGINEER TERRELL LYNN VOSS No. 044581 Exp. 03/31/02 CIVIL STATE OF CALIFORNIA

ARCHITECT

LICENSED ARCHITECT C-19,752 EXP. 07/31/01 STATE OF CALIFORNIA

LICENSED ARCHITECT MICHAEL A. McALLISTER NO. C17250 REN. 2/28/17 STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.

3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291

24'x40', 36'x40', 48'x40', 60'x40', 72'x40' RELOCATABLE BUILDINGS

SACRAMENTO CITY U.S.D. MATHARU ELEMENTARY

MULTI-WIDE FLOOR AND ROOF FRAMING PLANS

DRAWN TDL/LLP

CHECKED TLV

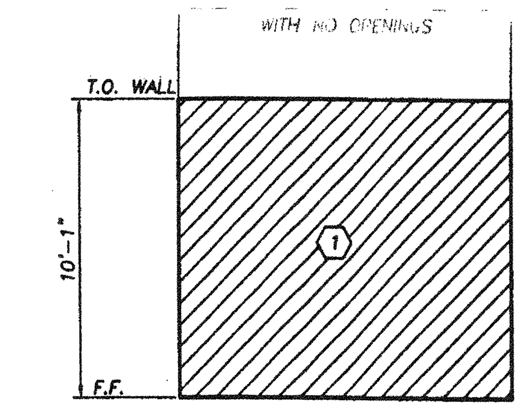
DATE 07/15/99

SCALE 1/4"=1'-0"

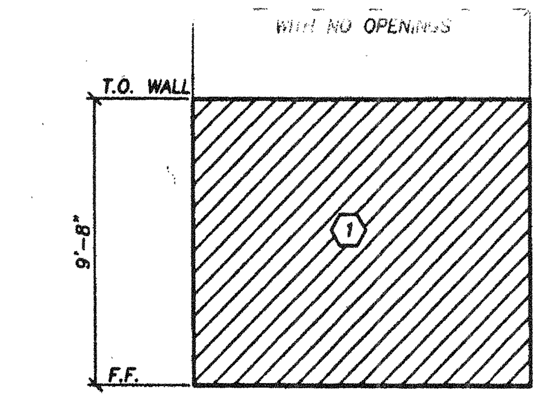
JOB NO. 9813

FILE P269S22M

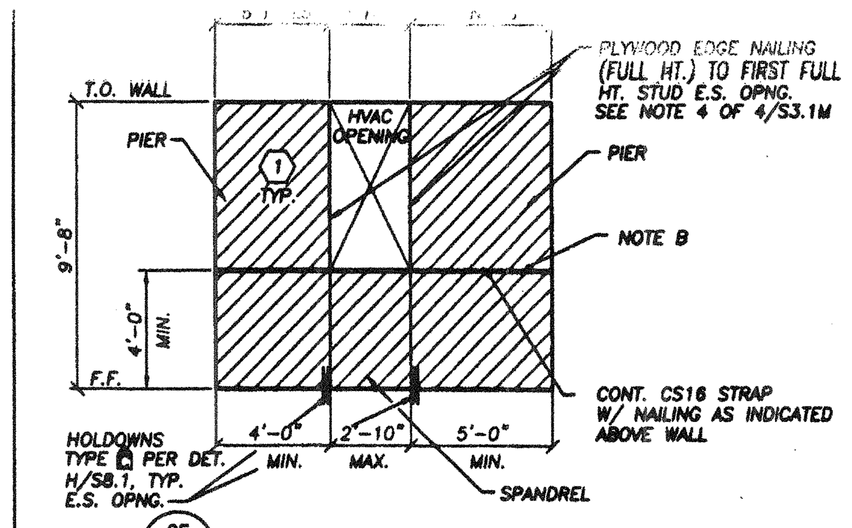
S2.2M



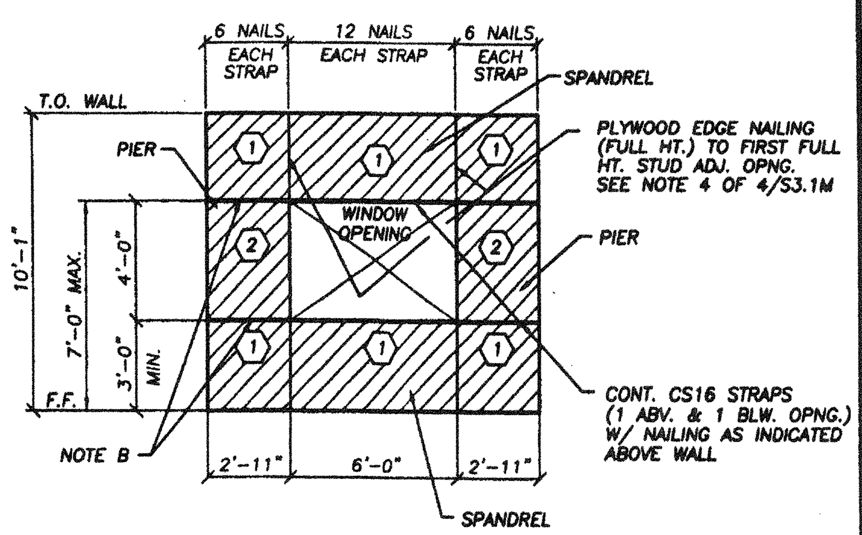
1A / S3.1M MOD. WITH NO OPENINGS



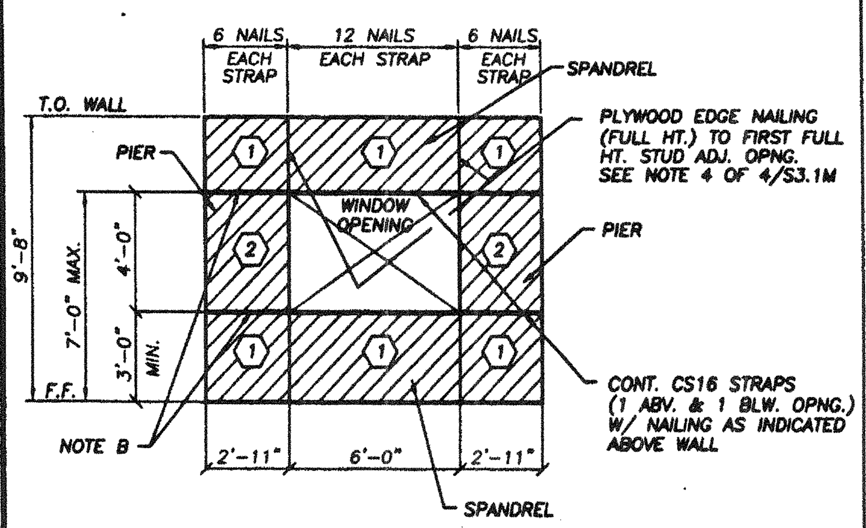
2A / S3.1M MOD. WITH NO OPENINGS



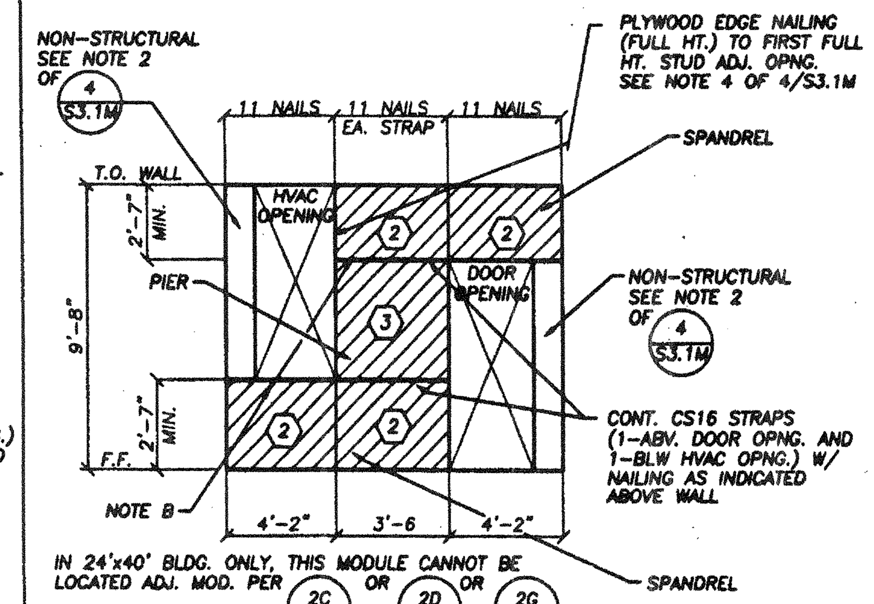
2F / S3.1M MOD. WITH HVAC OPENING
(AS SHOWN OR OPPOSITE HAND)



1B / S3.1M MOD. WITH 6'-0" WINDOW OPENING

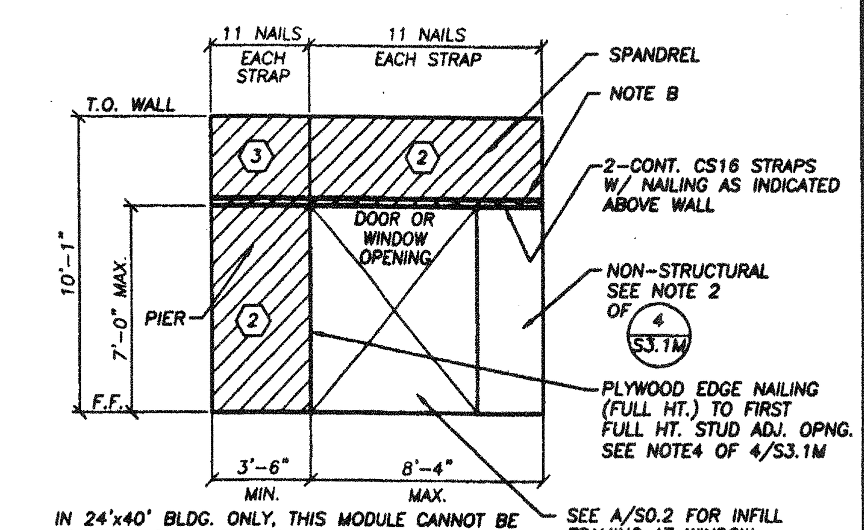


2B / S3.1M MOD. WITH 6'-0" WINDOW OPENING



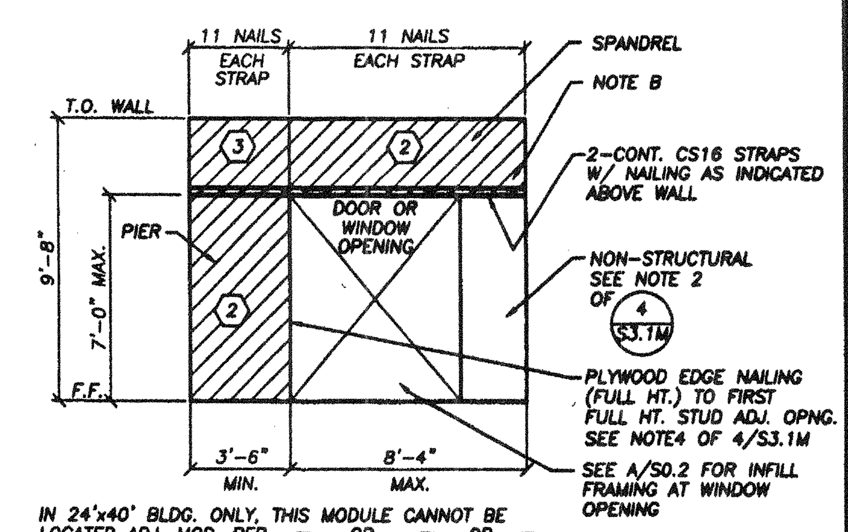
IN 24'x40' BLDG. ONLY, THIS MODULE CANNOT BE LOCATED ADJ. MOD. PER 2C/S3.1M OR 2D/S3.1M OR 2G/S3.1M

2G / S3.1M MOD. WITH DOOR & HVAC OPENINGS



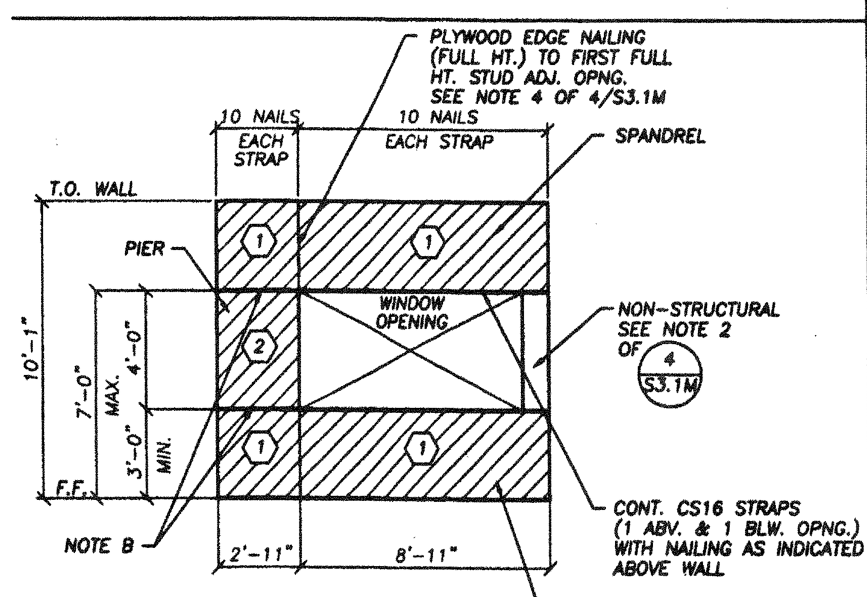
IN 24'x40' BLDG. ONLY, THIS MODULE CANNOT BE LOCATED ADJ. MOD. PER 1C/S3.1M OR 1D/S3.1M

1C / S3.1M MOD. WITH 6'-0" FULL HEIGHT OPENING
(AS SHOWN OR OPPOSITE HAND)



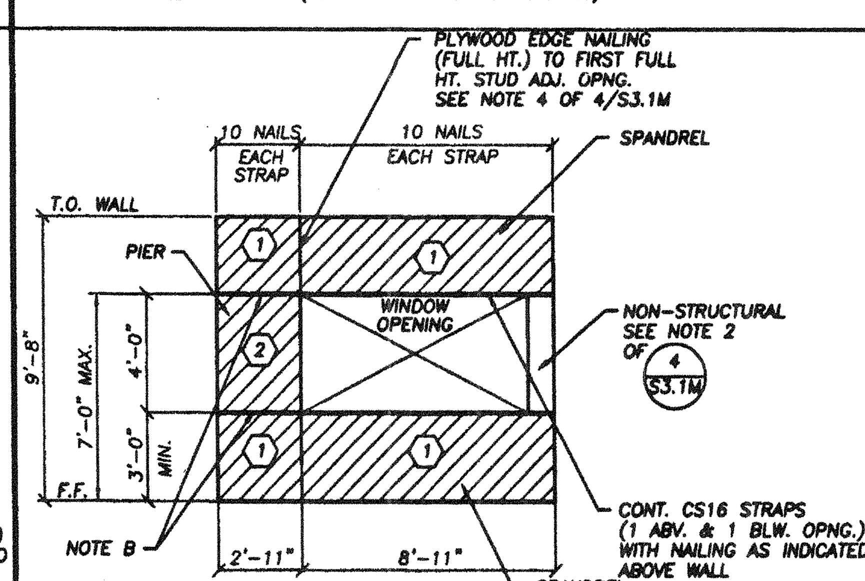
IN 24'x40' BLDG. ONLY, THIS MODULE CANNOT BE LOCATED ADJ. MOD. PER 2C/S3.1M OR 2D/S3.1M OR 2G/S3.1M

2C / S3.1M MOD. WITH 6'-0" FULL HEIGHT OPENING
(AS SHOWN OR OPPOSITE HAND)



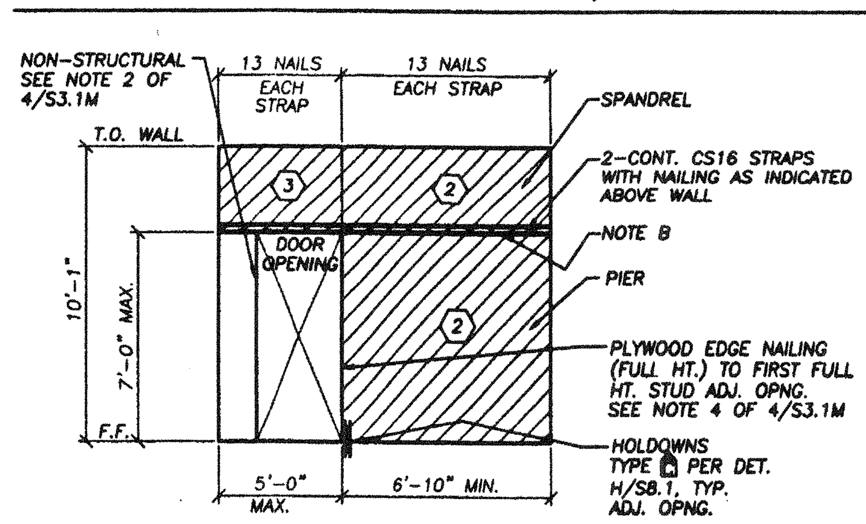
IN 24'x40' BLDG. ONLY, THIS MODULE CANNOT BE LOCATED ADJ. MOD. PER 1C/S3.1M OR 1D/S3.1M

1D / S3.1M MOD. WITH 8'-0" WINDOW OPENING
(AS SHOWN OR OPPOSITE HAND)

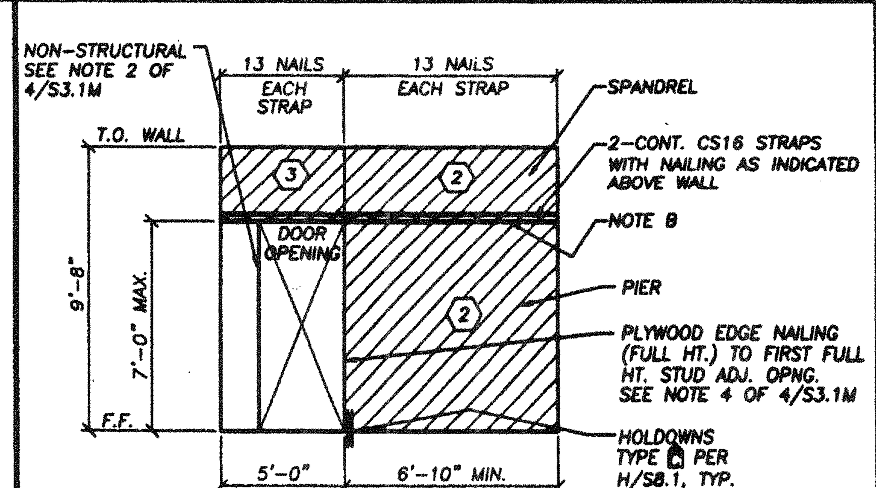


IN 24'x40' BLDG. ONLY, THIS MODULE CANNOT BE LOCATED ADJ. MOD. PER 2C/S3.1M OR 2D/S3.1M OR 2G/S3.1M

2D / S3.1M MOD. WITH 8'-0" WINDOW OPENING
(AS SHOWN OR OPPOSITE HAND)



1E / S3.1M MOD. WITH DOOR OPENING
(AS SHOWN OR OPPOSITE HAND)



2E / S3.1M MOD. WITH DOOR OPENING
(AS SHOWN OR OPPOSITE HAND)

1 / S3.1M SHEARWALL ELEVATIONS AT FRONT ENDWALL

2 / S3.1M SHEARWALL ELEVATIONS AT REAR ENDWALL

GENERAL NOTES

A. SEE 4/S3.1M FOR SHEARWALL TYPES.

B. PROVIDE 4x BLOCKING ADJ. CORNERS OF OPENINGS SIM. J/S0.2 WHERE NOTED FOR FULL LENGTH OF CS16 STRAP (EXCEPT WHERE HEADER OR 2x SILLS OCCUR).
PROVIDE 1 1/4" x 16 GAUGE CONT. PLATE STRAP, ASTM A446 GRADE A (Fy=33 KSI MIN.) (SIMPSON CS16 OR EQUAL) FOR FULL LENGTH OF MODULE END WALL OR AS INDICATED ON SIDEWALL (OVER BLKG. OR HEADER/SILL PLATE.)
- NAIL CS16 TO BLKG. E.S. OF OPENING W/ 8dx2 1/2" NAILS AT EQUAL SPACES. SEE ELEVATIONS FOR NUMBER OF NAILS.
- NAIL CS16 TO HEADER OR UPPER SILL PLATE W/ 8dx2 1/2" NAILS AT EQUAL SPACES. SEE ELEVATIONS FOR NUMBER OF NAILS.

PROVIDE P.W. EDGE NAILS TO BLKG W/ CS16 STRAP -TYP.

C. SEE FLOOR PLAN, SHEET A2, FOR SHEARWALL LAYOUT.

D. ALTERNATES SHOWN ARE INTERCHANGEABLE AND ANY MODULES MAY BE LOCATED ADJ. TO EACH OTHER, UNLESS SPECIFICALLY NOTED OTHERWISE (AT LEAST ONE DOOR SHALL BE LOCATED IN FRONT ENDWALL)

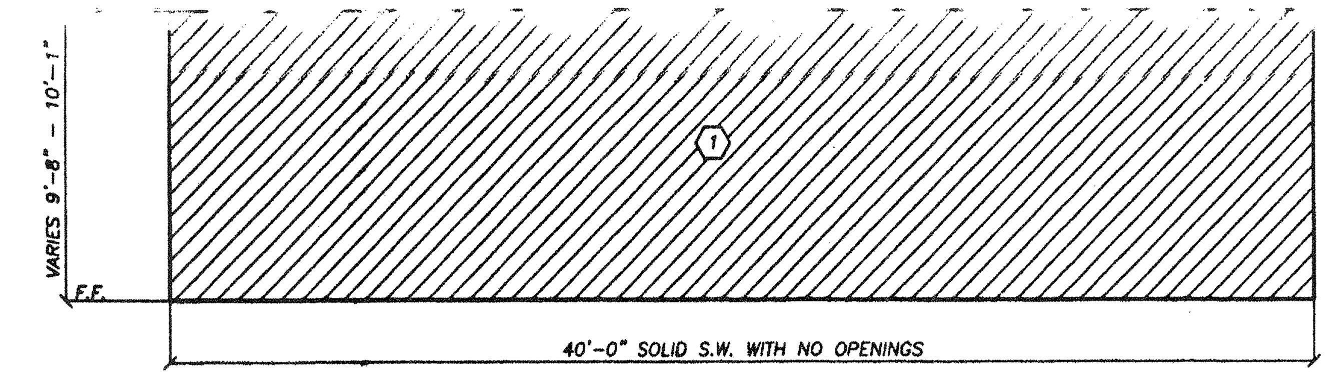
E. SEE A/S0.2 FOR INFILL FRAMING WHERE OCCURS.

F. CS16 STRAPS MAY BE SPLICED AT CENTERLINE OF HEADERS AT SIDEWALLS ONLY. PROVIDE 1/2 REQUIRED NAILS TO EACH STRAP (EACH SIDE OF SPLICE)

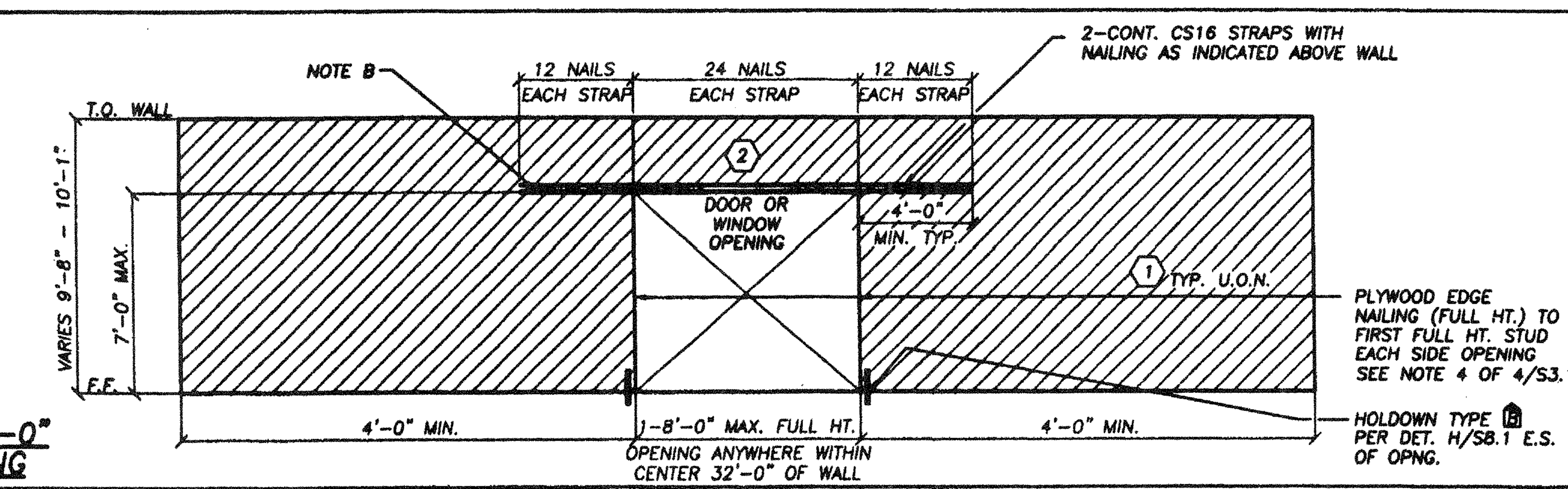
SW TYPE	PLYWOOD	PLYWOOD EDGE NAIL SPACING
1	5/8" MAX. - 1/2" MIN. GROOVED EXTERIOR TYPE SIDING PLYWOOD APA RATED 16" O.C. (STUD SPACING) PER PS-1 (5/16" MIN. NET PLYWOOD THICKNESS AT GROOVES)	6" O.C.
2		4" O.C. (NOTE 5)
3		3" O.C.

NOTES:
1. WALL PLYWOOD NAILS SHALL BE 8d x 2 1/4" MIN. COMMON NAILS
2. PLYWOOD AT ALL EXTERIOR NON-SHEARWALL LOCATIONS SHALL BE SIM. SHEARWALL TYPE (1)
3. SEE B/S0.2, H/S0.2 & J/S0.2 TYP.
   BLOCKING & STUDS RECEIVING EDGE NAILING FROM SHEARWALL TYPE (3) SHALL BE 3x OR GREATER.
4. EDGE NAILING NOTED APPLIES WITHIN AREA INDICATED AND AT 4 BOUNDARIES OF THE AREA. BOUNDARIES COMMON TO TWO AREAS SHALL HAVE TWO ROWS EDGE NAILS (ONE FOR EACH AREA) TO COMMON MEMBER (BLKG. / FULL HEIGHT STUD/ ETC.)
5. SW TYPE (2) USED FOR ALLOWABLE SHEAR ≤ 350 PLF.

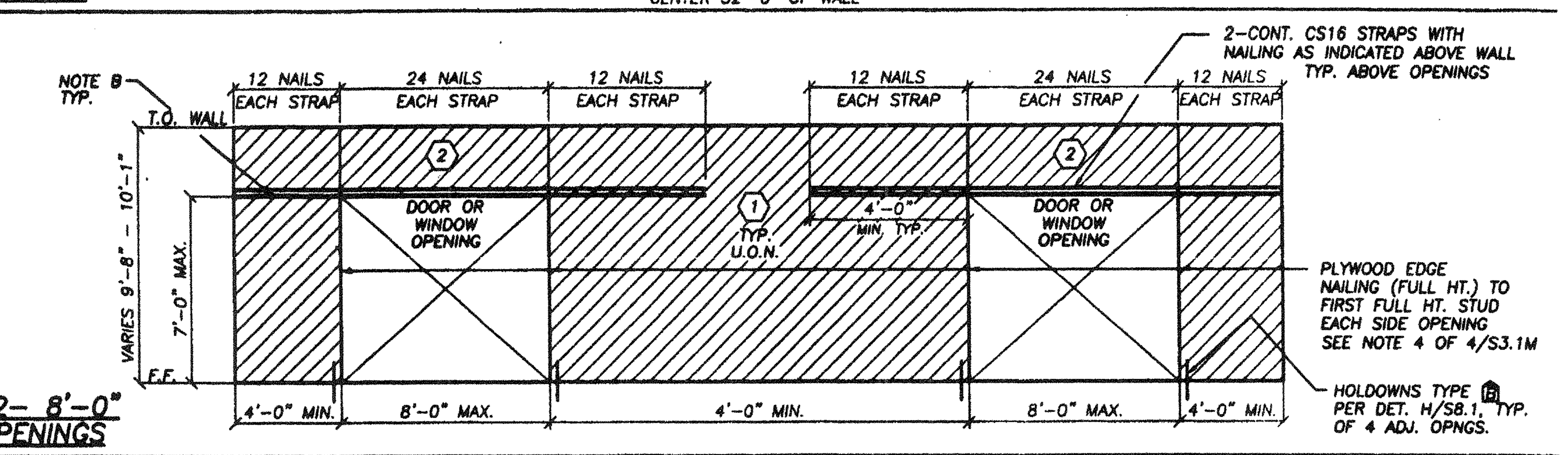
4 / S3.1M SHEARWALL SCHEDULE



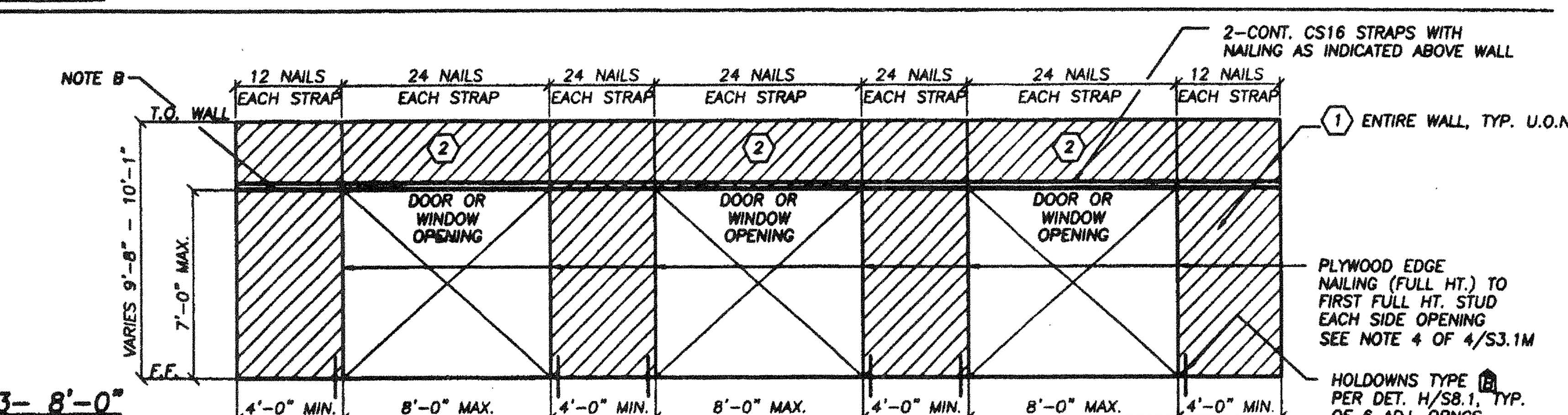
3A / S3.1M SIDEWALL WITH NO OPENINGS



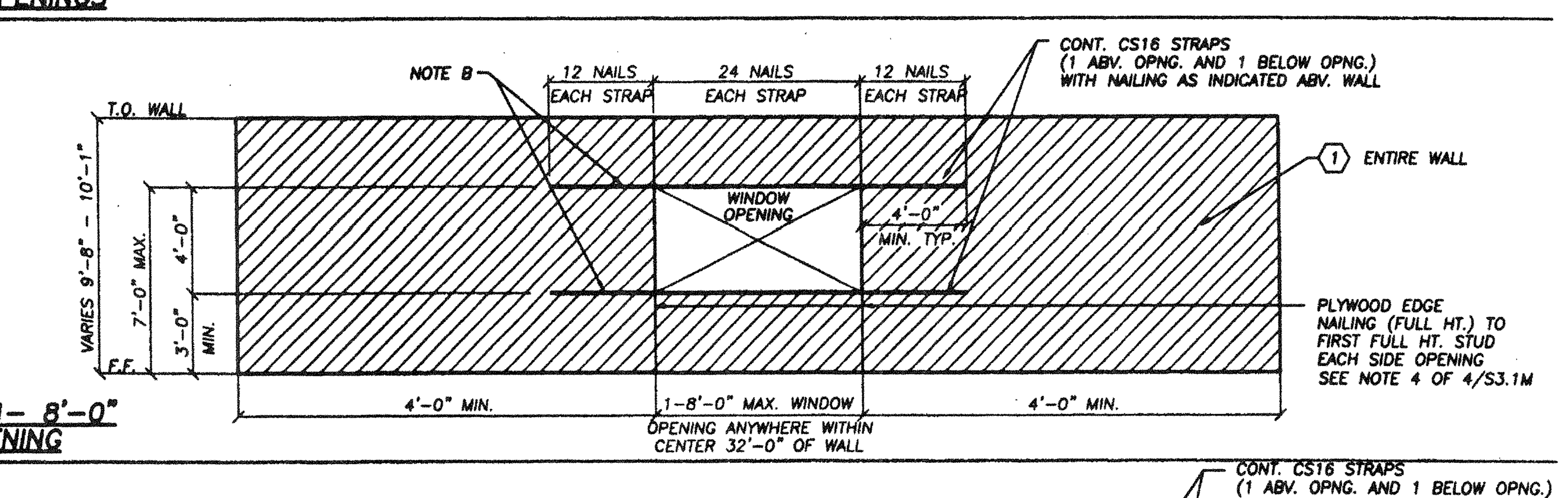
3B / S3.1M SIDEWALL WITH 1- 8'-0" FULL HEIGHT OPENING



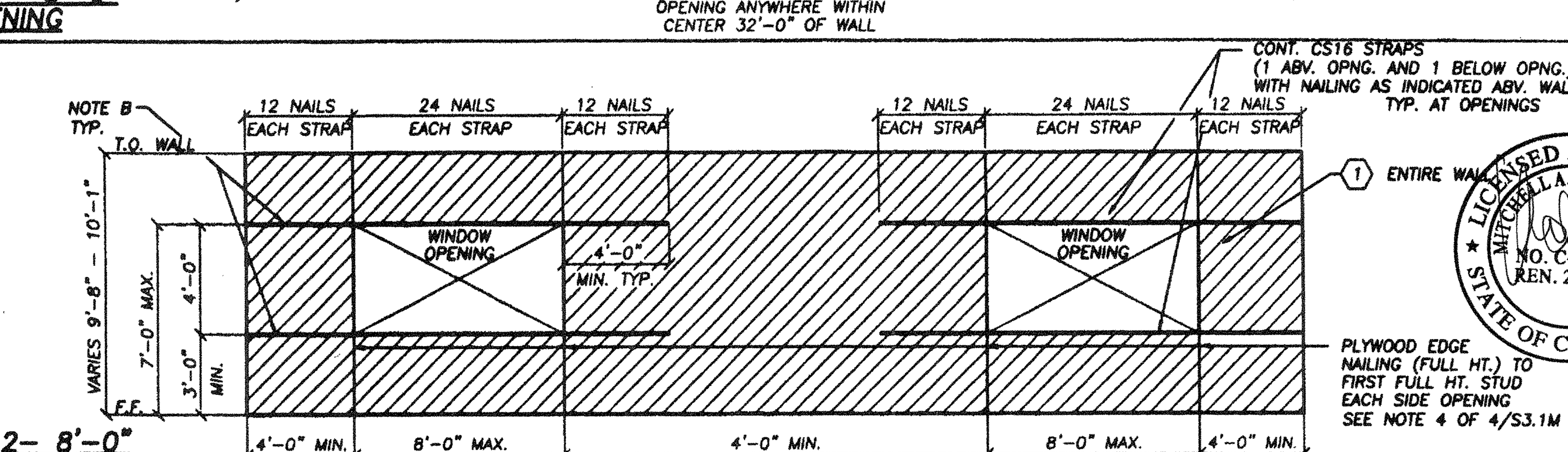
3C / S3.1M SIDEWALL WITH 2- 8'-0" FULL HEIGHT OPENINGS



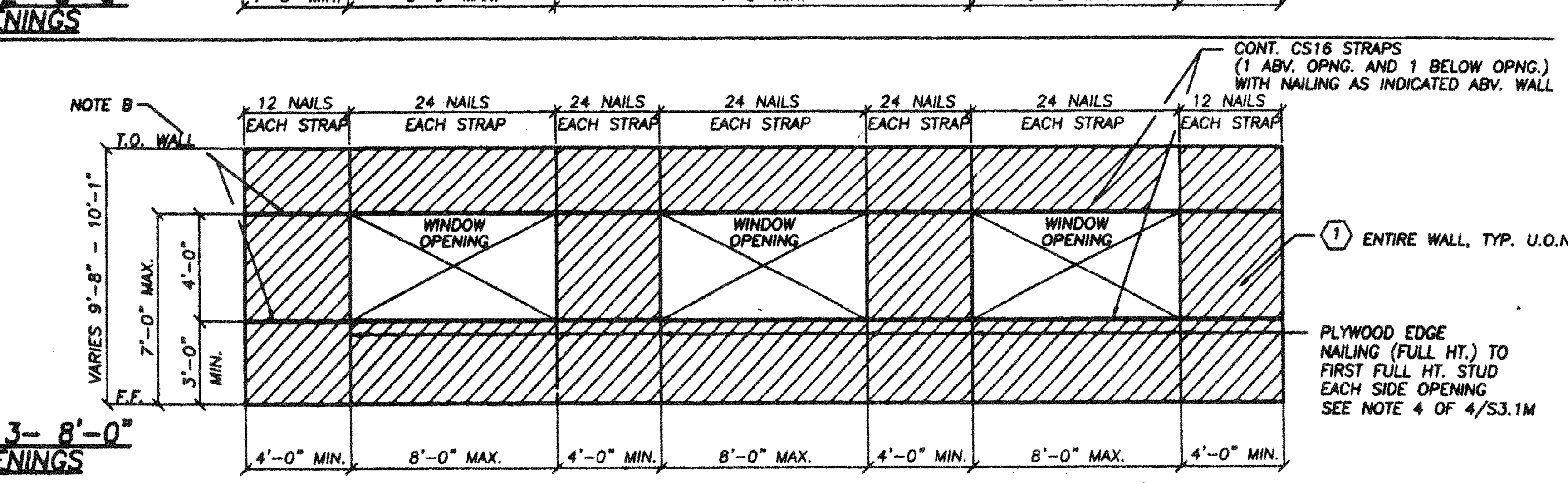
3D / S3.1M SIDEWALL WITH 3- 8'-0" FULL HEIGHT OPENINGS



3E / S3.1M SIDEWALL WITH 1- 8'-0" WINDOW OPENING



3F / S3.1M SIDEWALL WITH 2- 8'-0" WINDOW OPENINGS



3G / S3.1M SIDEWALL WITH 3- 8'-0" WINDOW OPENINGS

3 / S3.1M SHEARWALL ELEVATIONS AT SIDEWALLS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115037
AC — FLS — SS
DATE 4-7-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 105038
AC FLS SS
DATE 9-7-03

DESIGN
ROOF LIVE LOAD = 30 PSF (SNOW)
FLOOR LIVE LOAD = 50/125 PSF
WIND = 80 MPH or C
SEISMIC ZONE = 4
SEISMIC SOURCE TYPE A
DISTANCE TO KNOWN SOURCE ≥15KM

PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02 101487
AC — FLS — SS RG
DATE 11/8/99

DIVISION OF STATE ARCHITECT

ENGINEER

REGISTERED PROFESSIONAL ENGINEER
TERESA LYNN VERDOORN
No. 044581
Exp. 03/31/02
CIVIL
STATE OF CALIFORNIA

ARCHITECT

LICENSED ARCHITECT
C-19,752
EXP. 07/31/01
STATE OF CALIFORNIA

LICENSED ARCHITECT
MITCHELL A. McALLISTER
NO. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

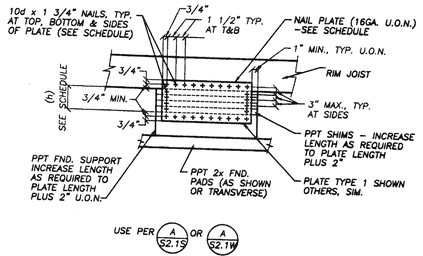
GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA 95650 (916) 652-9291

24'x40', ~~36'x40', 48'x40'~~ RELOCATABLE BUILDINGS
SACRAMENTO CITY USD.
MARIAN ANDERSON ELEMENTARY
MULTI-WIDE SHEARWALL ELEVATIONS

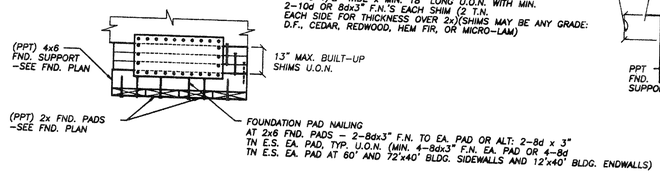
DRAWN	CLP/TDL
CHECKED	TLV
DATE	07/15/99
SCALE	3/16"=1'-0"
JOB NO.	0313
FILE	P269S31M

S3.1MA

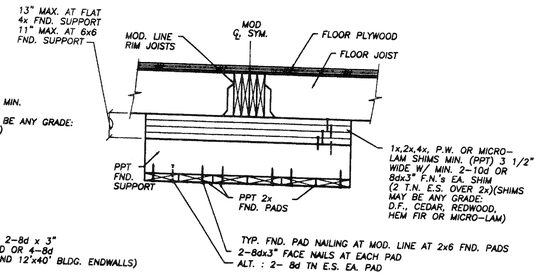
PLATE TYPE	HEIGHT	LENGTH	NO. OF NAILS AT T&B	NOTES
1	7"	15"	10	SHIM "h" : 0" TO 4" MAX.
2	12"	18"	12	SHIM "h" : 4" TO 9" MAX.
3	17"	18"	*	SHIM "h" : 9" TO 13" MAX. (14 GA. PLATE) * SEE F/S5.1W
4	7"	22 1/2"	15	SHIM "h" : 0" TO 4" MAX.
5	12"	27"	18	SHIM "h" : 4" TO 9" MAX.
6	17"	24"	**	SHIM "h" : 9" TO 13" MAX. (14 GA. PLATE) ** SEE G/S5.1W
7	7"	12"	8	SHIM "h" : 0" TO 4" MAX.



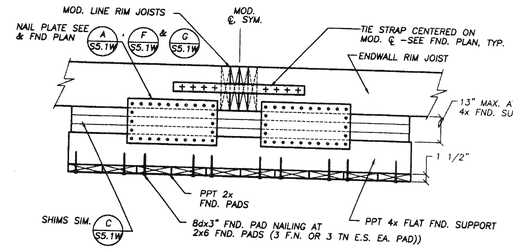
A S5.1W **DET. -TYP. NAIL PLATE**
SCALE: 1" = 1'-0"
(U.O.N. - SEE F/S5.1W & G/S5.1W FOR PLATES TYPE 3 & TYPE 6)



B S5.1W **FOUNDATION PADS AT SIDEWALLS**
SCALE: 1" = 1'-0"



C S5.1W **DET. - FND AT MOD. LINE**
SCALE: 1" = 1'-0"



D S5.1W **DET. -FND AT ENDWALL & MOD. LINE**
SCALE: 1" = 1'-0"

SEE DETAIL K/S5.1W FOR ALTERNATE SHEAR TRANSFER TO FND.

E S5.1W **FOUNDATION AT CORNERS**
SCALE: 1" = 1'-0"

F S5.1W **NAIL PLATE TYPE 3**
FOR SHIM THICKNESSES BETWEEN 9" AND 13" MAX.

G S5.1W **NAIL PLATE TYPE 6**
FOR SHIM THICKNESSES BETWEEN 9" AND 13" MAX.

H S5.1W **DET. -TYP. RESTRAINED FOUNDATION** (SIDEWALL SHOWN ENDWALL SIM.)
SCALE: 1" = 1'-0"

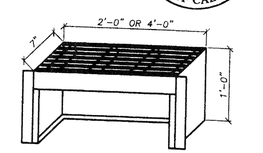
J S5.1W **BLDG SEPARATION DETAIL**
TYPICAL NAIL PLATE INSTALLATION

K S5.1W **DET. - ALT. SHEAR TRANSFER TO FND.**

2x6 PLAN

L S5.1W **DET. - TYP. REPAIR FOR SPLIT PADS AT RESTRAINED FND.**

M S5.1W **DET.- TYPICAL FLASHING**
SCALE: 1 1/2" = 1'-0"
(WHERE CONC. OCCURS ADJ. TO WOOD FRAMING -SEE SITE DRWGS. FOR LOCATION)



DESIGN
ROOF LIVE LOAD = 30 PSF (SNOW)
FLOOR LIVE LOAD = 50/125 PSF
WIND = 80 MPH ex C
SEISMIC ZONE = 4
SEISMIC SOURCE TYPE A
DISTANCE TO KNOWN SOURCE ≥15KM

REVISIONS

PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02 101487
AC FLS SS
DATE 11/2/99

DIVISION OF STATE ARCHITECT

ENGINEER
REGISTERED PROFESSIONAL ENGINEER
TERRY L. VERNER
No. 044581
Exp. 03/31/02
CIVIL
STATE OF CALIFORNIA

ARCHITECT
LICENSED ARCHITECT
MICHAEL A. McALISTER
C-19,752
Exp. 07/31/01
STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291
12'x40', 24'x40', 36'x40', 48'x40'
RELOCATABLE BUILDINGS

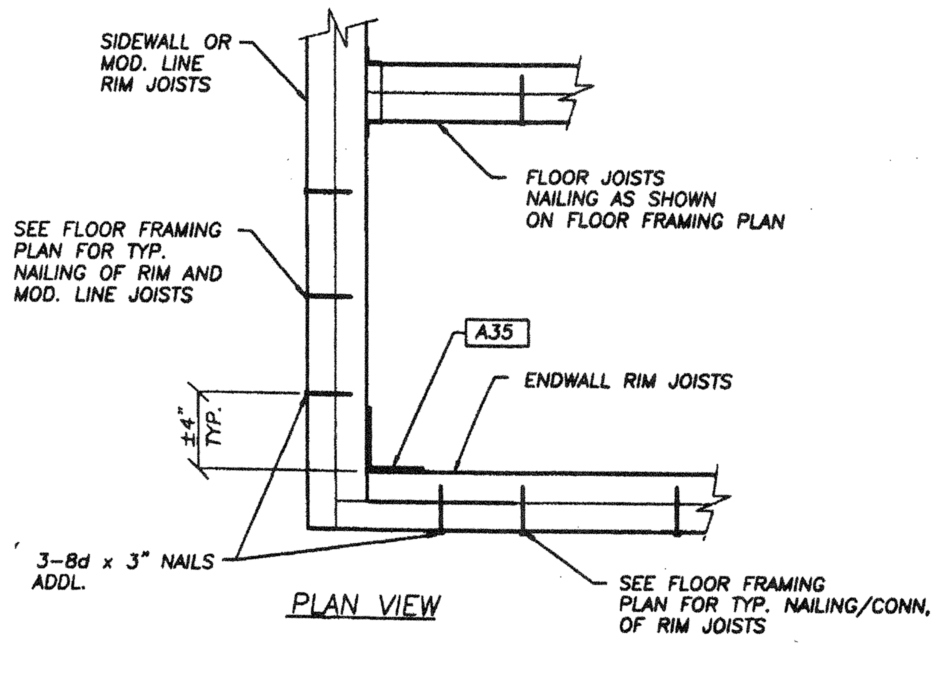
WOOD PAD FOUNDATION DETAILS

DRAWN CLP/TDL
CHECKED TLV
DATE 07/15/99
SCALE N.T.S.
JOB NO.
FILE P269S51W

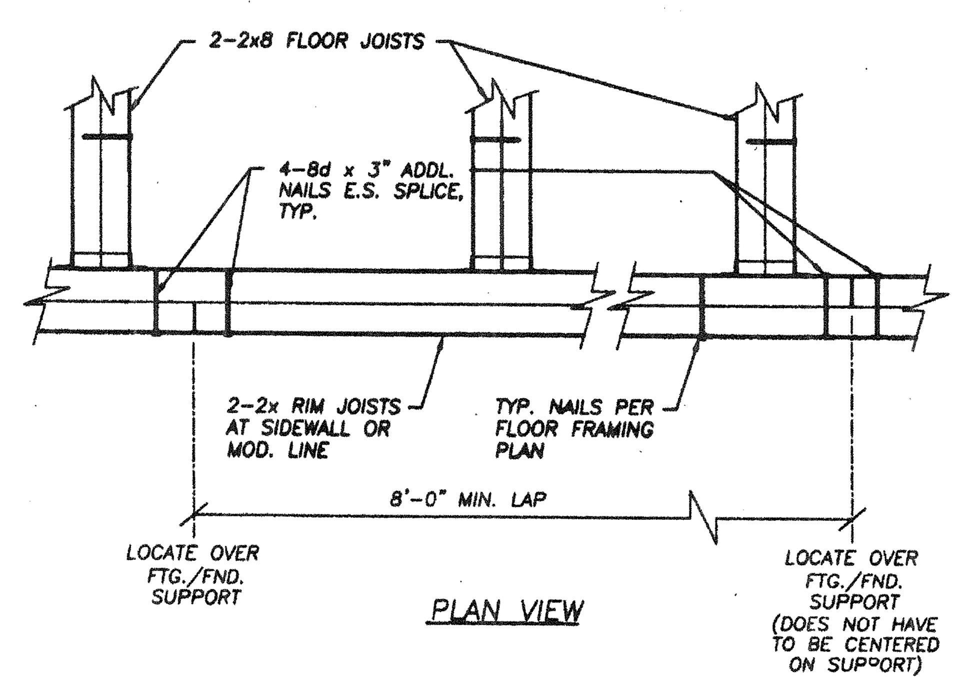
LICENSED ARCHITECT
MICHAEL A. McALISTER
NO. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115037
AC FLS SS
DATE 4-7-2016

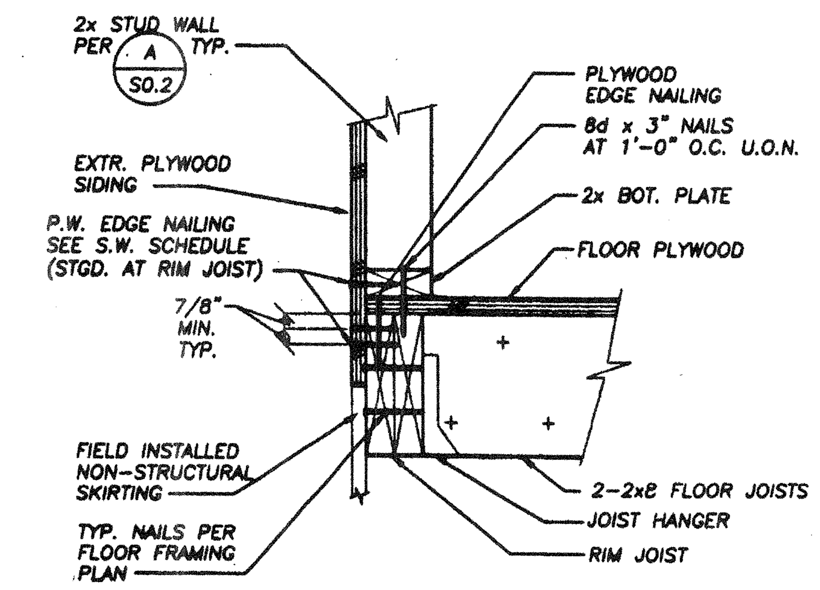
S5.1W



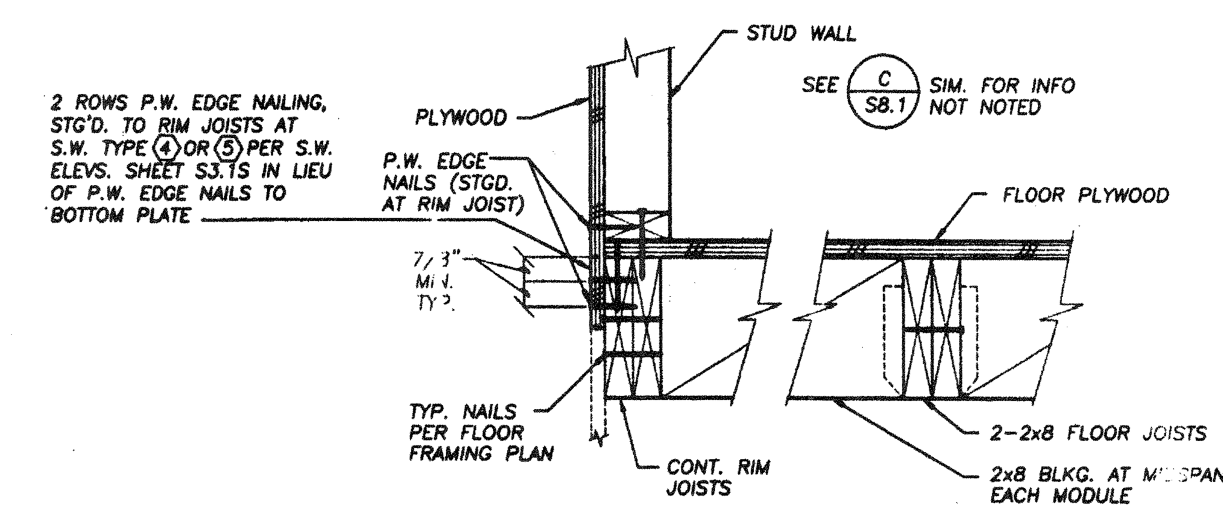
A / S8.1 DET.- FLOOR RIM JOISTS AT CORNER



B / S8.1 DET.- RIM JOIST SPLICE (SIDEWALL & MOD. LINE) (11/15/91)



C / S8.1 DET.- FLOOR FRAMING AT SIDEWALL (11/15/91)

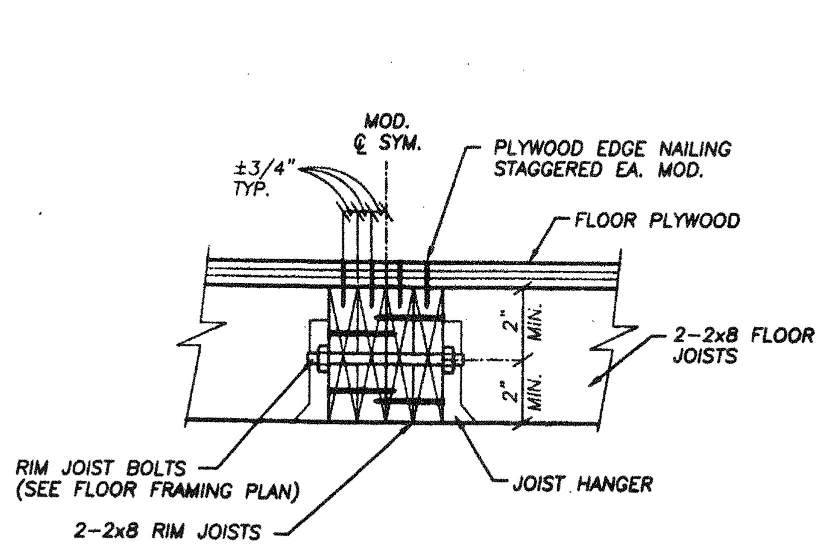


D / S8.1 DET.- FLOOR FRAMING AT END LL (11/15/91)

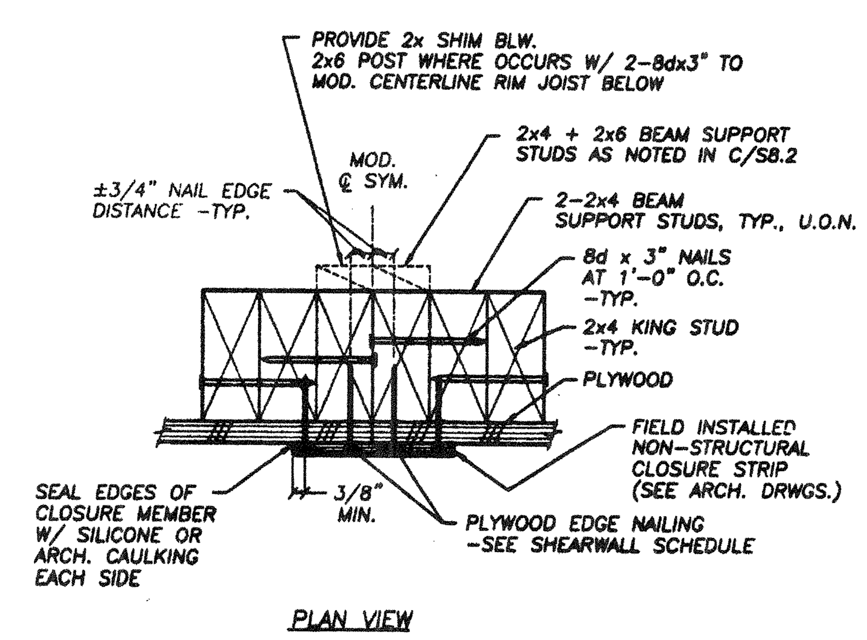
TIE STRAP SCHEDULE

STRAP DESIGNATION	NO. OF STRAPS REQUIRED	NO. OF NAILS REQD. EA. END EA. STRAP
A	1	3
B	1	6
C	2	6

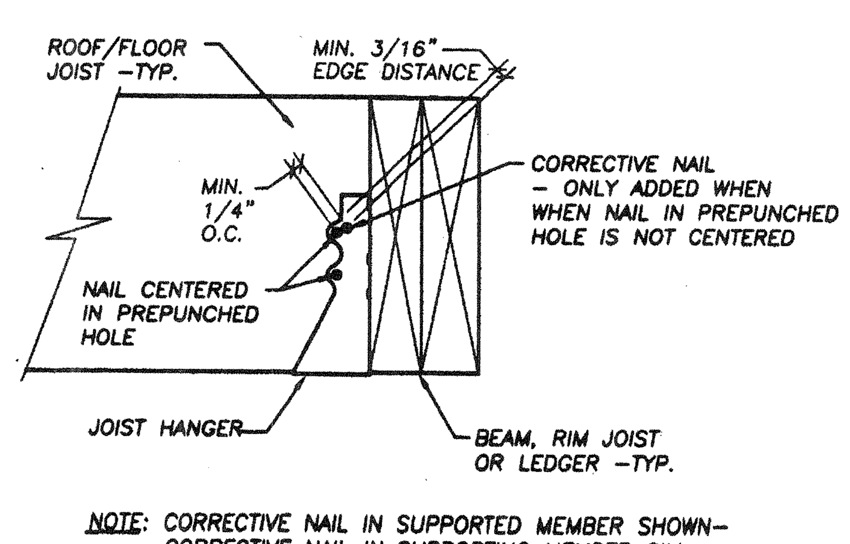
NOTE: SEE FLOOR FRAMING PLAN OR S.W. ELEV.'S FOR RAP LOCATIONS.



E / S8.1 DET.- FLOOR AT MOD. CENTERLINE

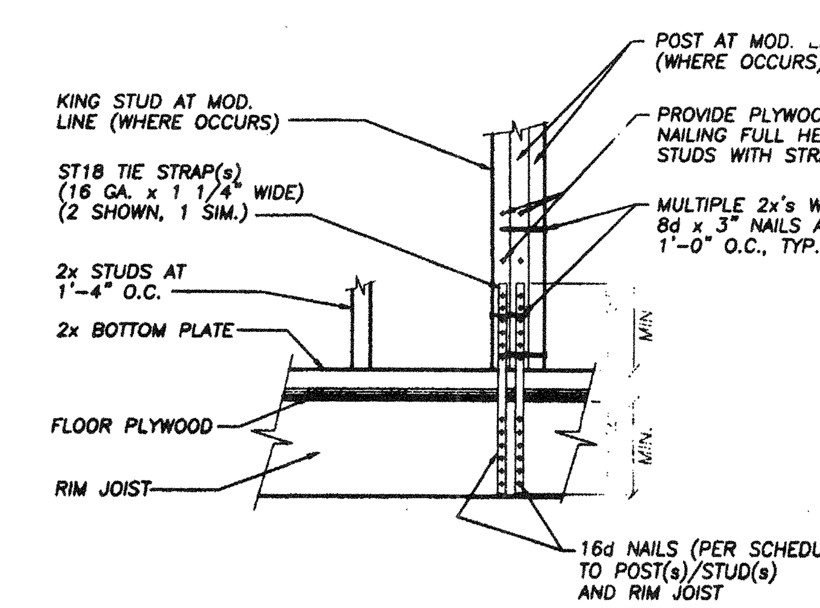


F / S8.1 DET.- TYP. MOD. ℄ CLOSURE

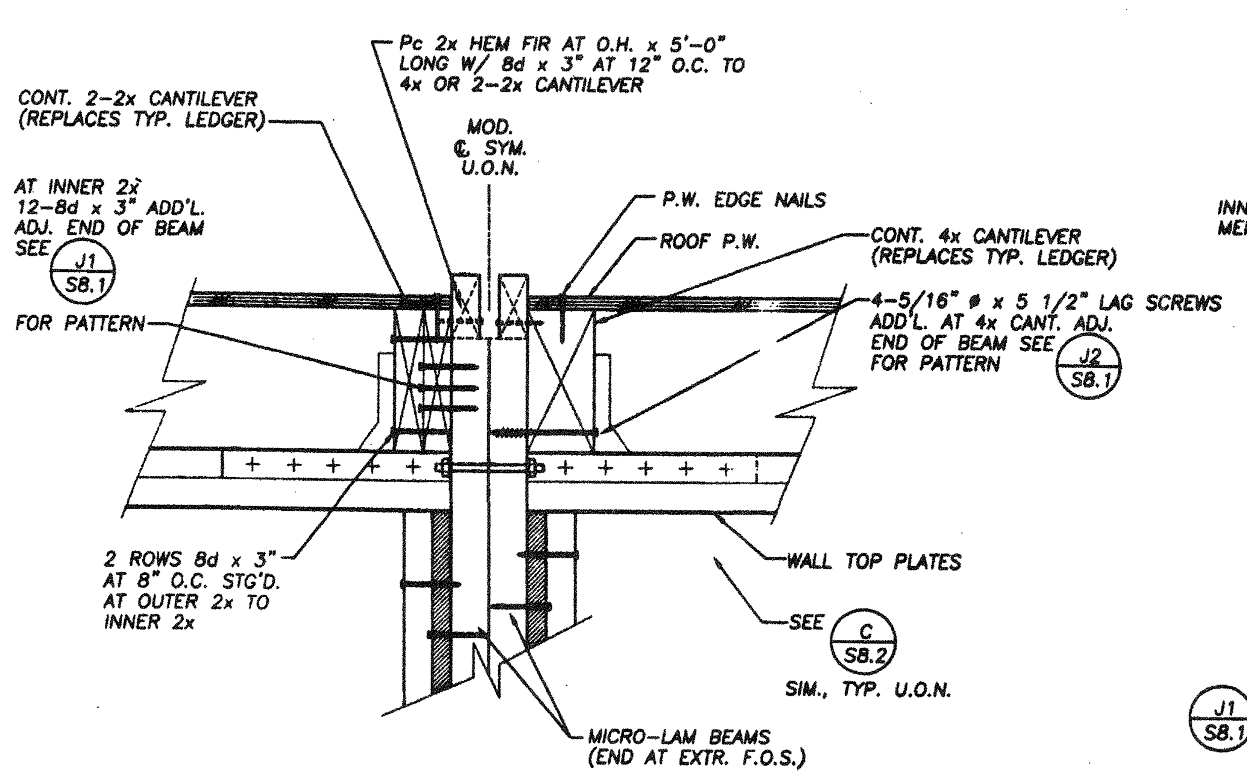


NOTE: CORRECTIVE NAIL IN SUPPORTED MEMBER SHOWN- CORRECTIVE NAIL IN SUPPORTING MEMBER SIM.

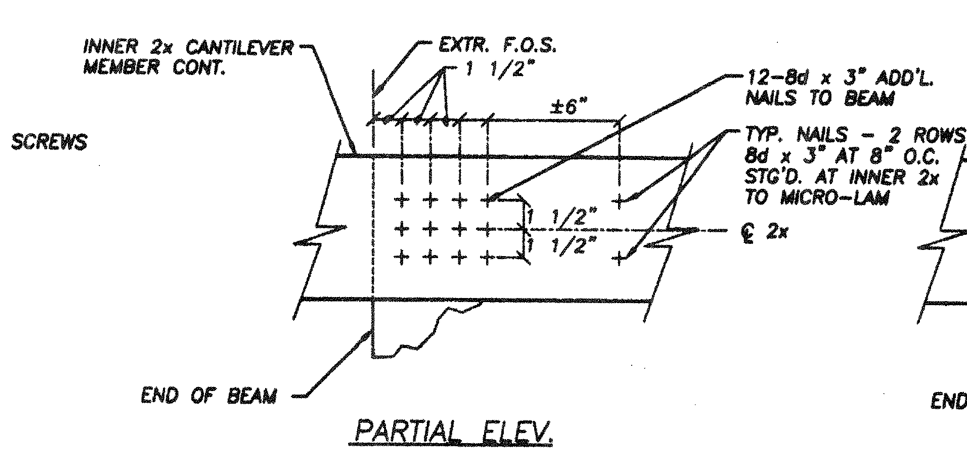
G / S8.1 DET.- MACHINE NAIL TO JOIST HANGER (11/15/91)



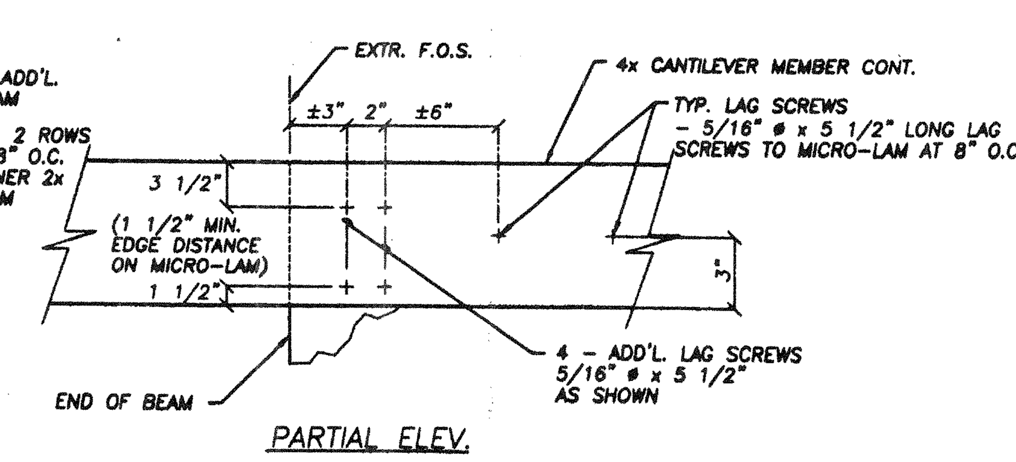
H / S8.1 DET.- HOLDOWN STRAP(s)



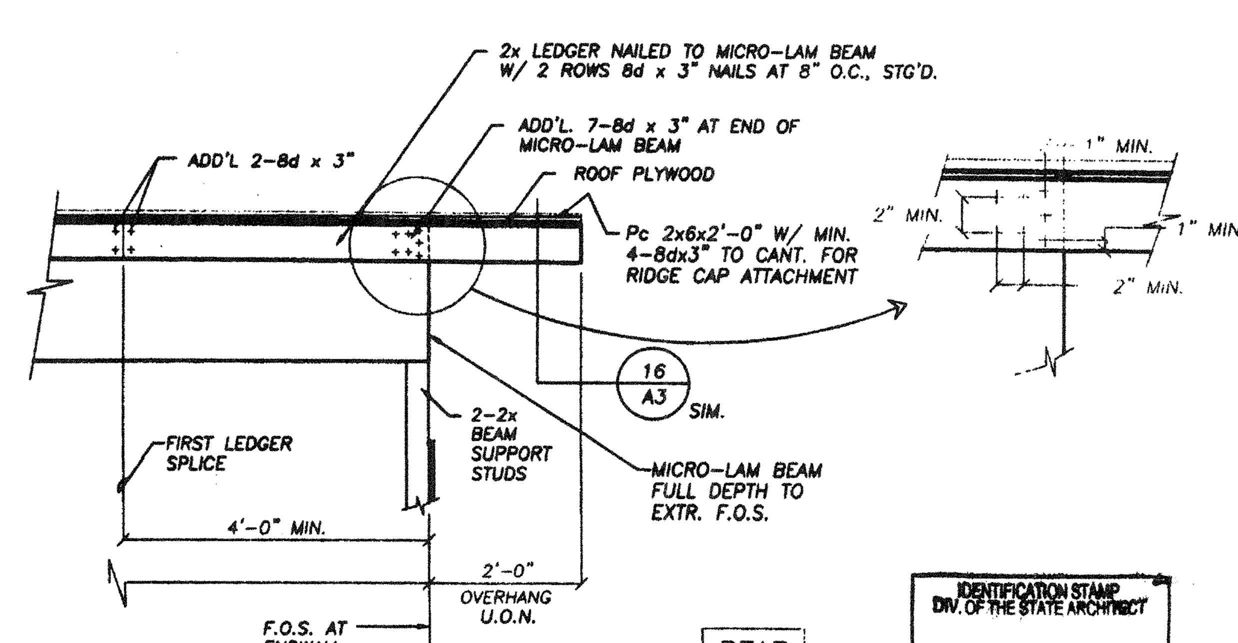
J / S8.1 DET.- ALT. MOD ℄ CANTILEVERS AT 5'-0" O.H.'s AT ROOF



J1 / S8.1 ADD'L. 2x CANTILEVER NAILS ADJ. BEAM END



J2 / S8.1 ADD'L. 4x CANTILEVER LAG SCREWS ADJ. BEAM END



REAR

K / S8.1 DET. - ALT. MOD. ℄ CANTILEVER AT 2'-0" O.H. AT ROOF

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02 115037
AC — FLS — SS
DATE 4-7-2016

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
02 105038
AC FLS SS KB
DATE 4-7-03

LICENSED ARCHITECT MITCHELL A. McALLISTER NO. C-17250 REN. 2/28/17 STATE OF CALIFORNIA

DESIGN
ROOF LIVE LOAD = 30 PSF (SNOW)
FLOOR LIVE LOAD = 50/125 PSF
WIND = 80 MPH EXP C
SEISMIC ZONE = 4
SEISMIC SOURCE TYPE A
DISTANCE TO KNOWN SOURCE ≥15KM

REVISIONS

PC

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
02 101487
AC FLS SS
DATE 11/8/99

DIVISION OF STATE ARCHITECT

ENGINEER

REGISTERED PROFESSIONAL ENGINEER TERESA LYNN VERDOORN No. 044561 Exp. 03/31/02 CIVIL STATE OF CALIFORNIA

ARCHITECT

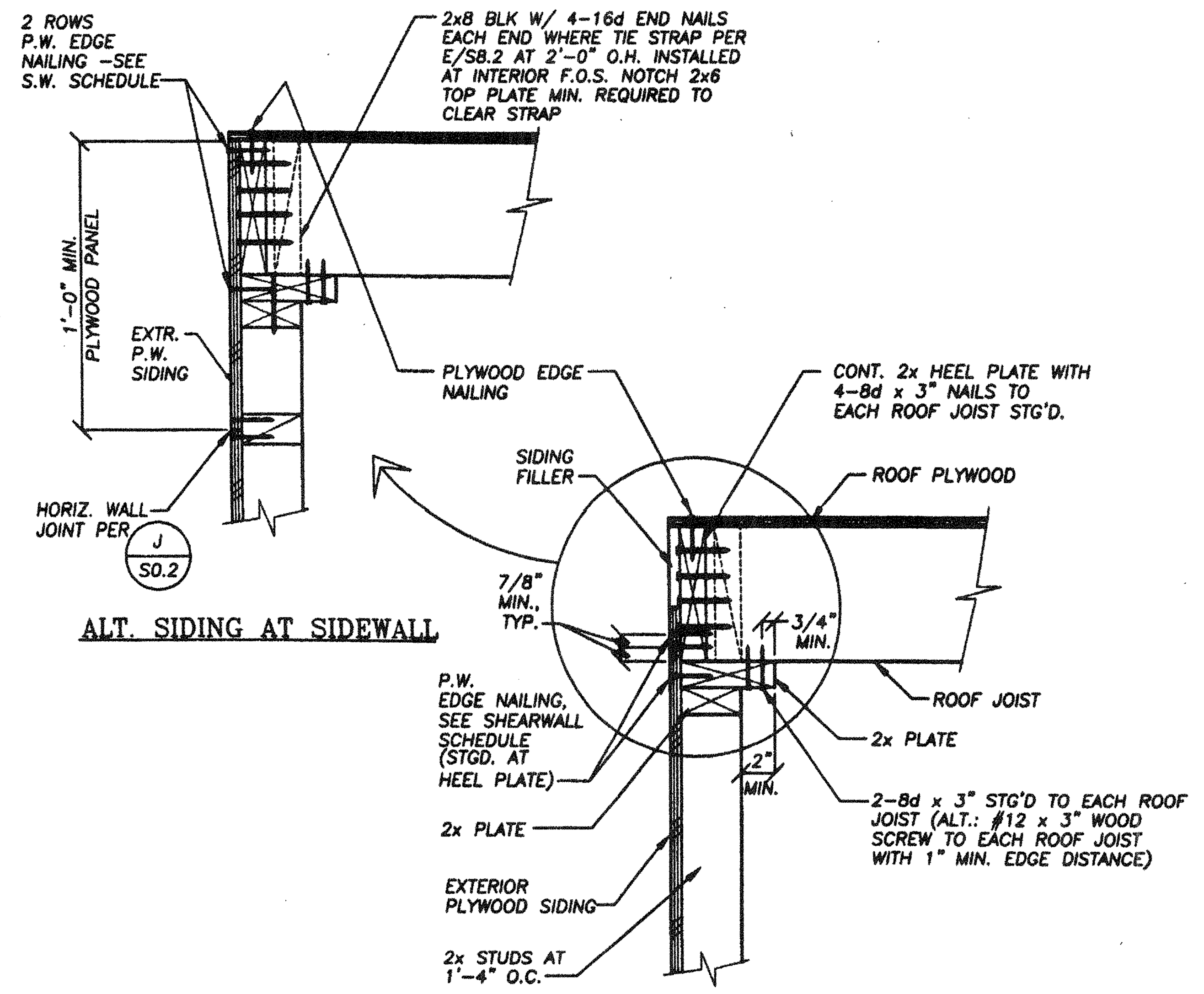
LICENSED ARCHITECT [redacted] C-19,752 EXP. 07/31/01 STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291

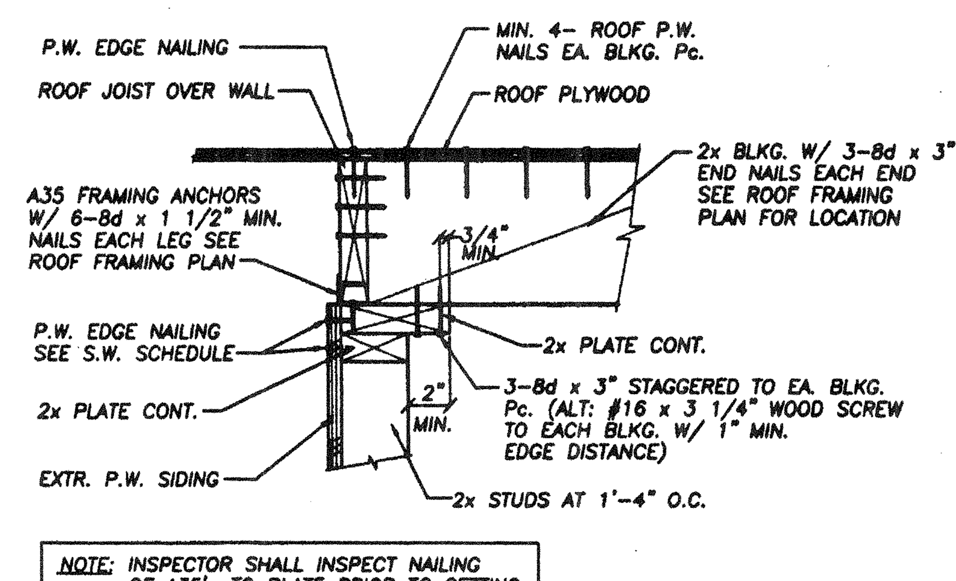
RELOCATABLE BUILDINGS
~~12'x40',~~ 24'x40', ~~36'x40', 48'x40', 60'x40', 72'x40'~~
SACRAMENTO CITY U.S.D. MARIAN ANDERSON ELEMENTARY
FRAMING DETAILS

DRAWN CLP/TDL
CHECKED TLV
DATE 07/15/99
SCALE N.T.S.
JOB NO. 07313
FILE P269S81

S8.1

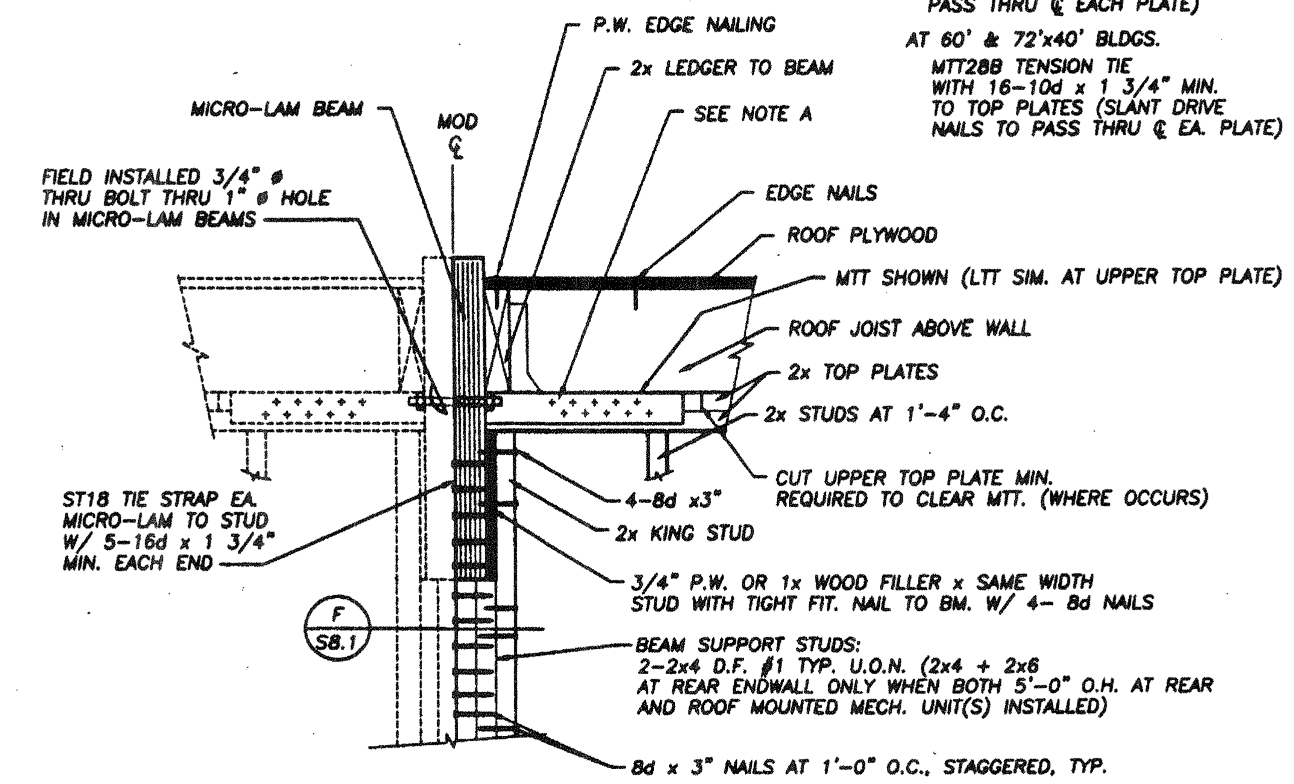


A/S8.2 DET. –ROOF FRAMING AT SIDEWALL



NOTE: INSPECTOR SHALL INSPECT NAILING OF A35's TO PLATE PRIOR TO SETTING ROOF JOIST.

B/S8.2 DET. – ROOF FRAMING AT ENDWALL



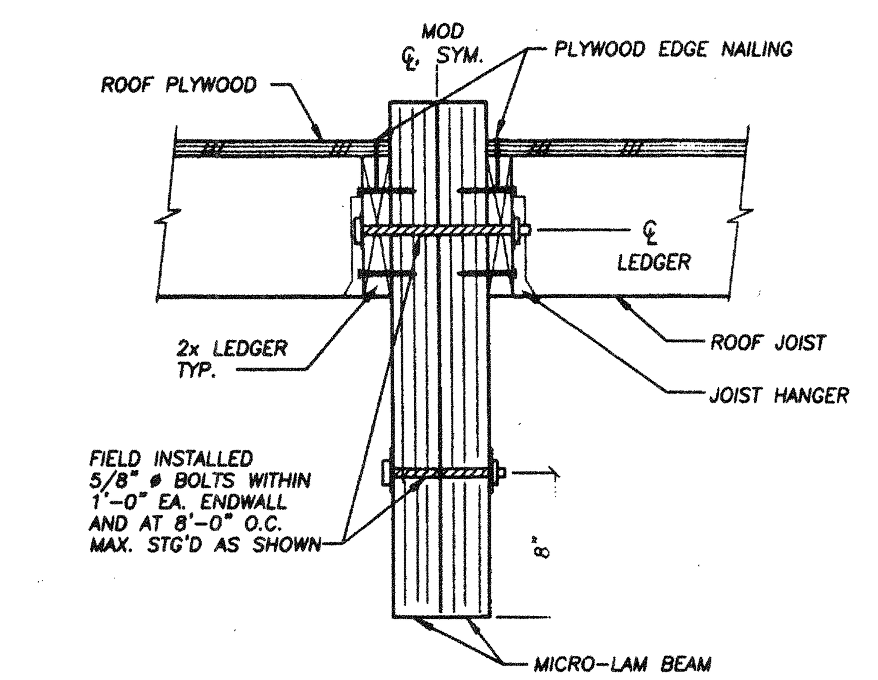
NOTE A:

AT 24' & 36'x40' BLDGS.
LTT19 TENSION TIE WITH 4–10dx1 3/4" MIN. TO ℄ UPPER TOP PLATE

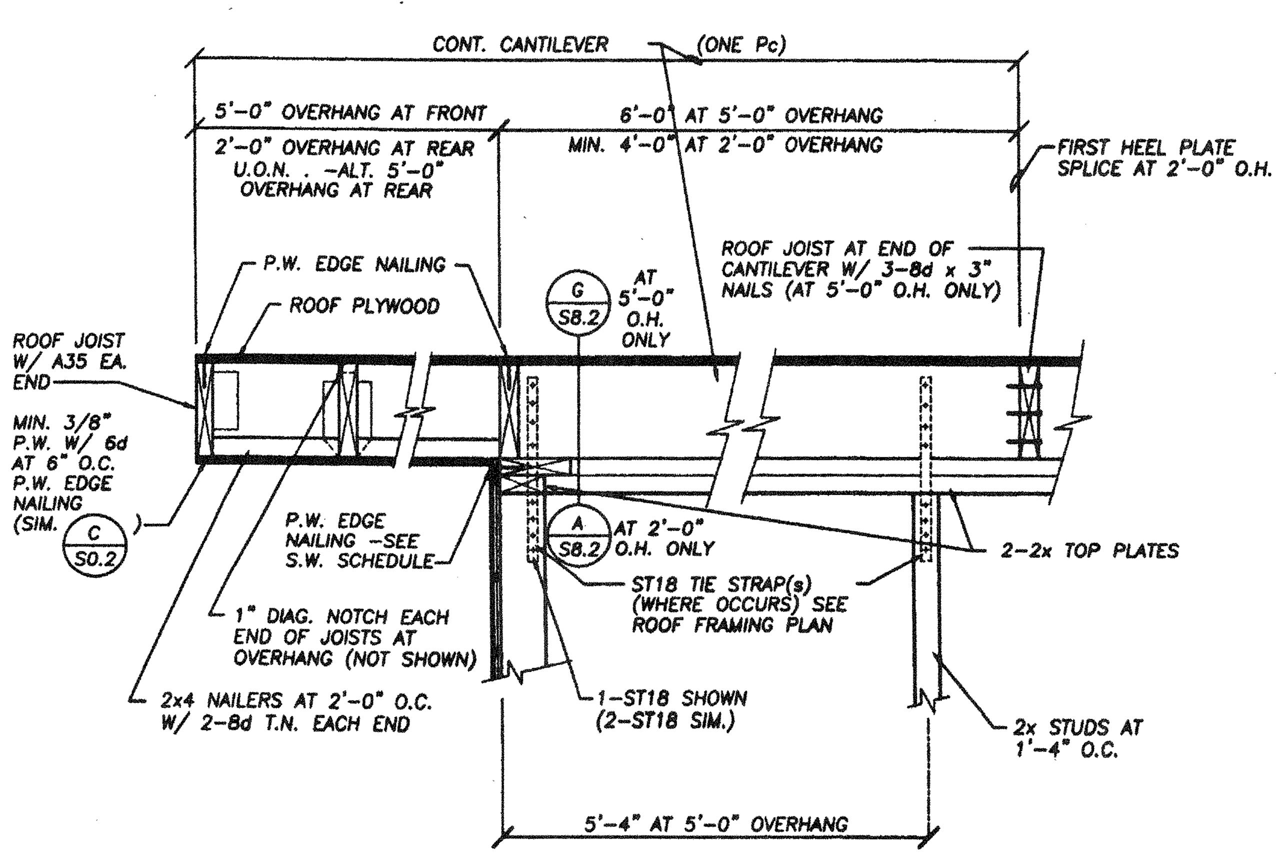
AT 48'x40' BLDG.
LTT20B TENSION TIE W/ 8–10d x 1 3/4" MIN. TO TOP PLATES. (SLANT DRIVE NAILS TO PASS THRU ℄ EACH PLATE)

AT 60' & 72'x40' BLDGS.
MTT28B TENSION TIE WITH 16–10d x 1 3/4" MIN. TO TOP PLATES (SLANT DRIVE NAILS TO PASS THRU ℄ EA. PLATE)

C/S8.2 DET. –ROOF AT ENDWALL & MOD. LINE

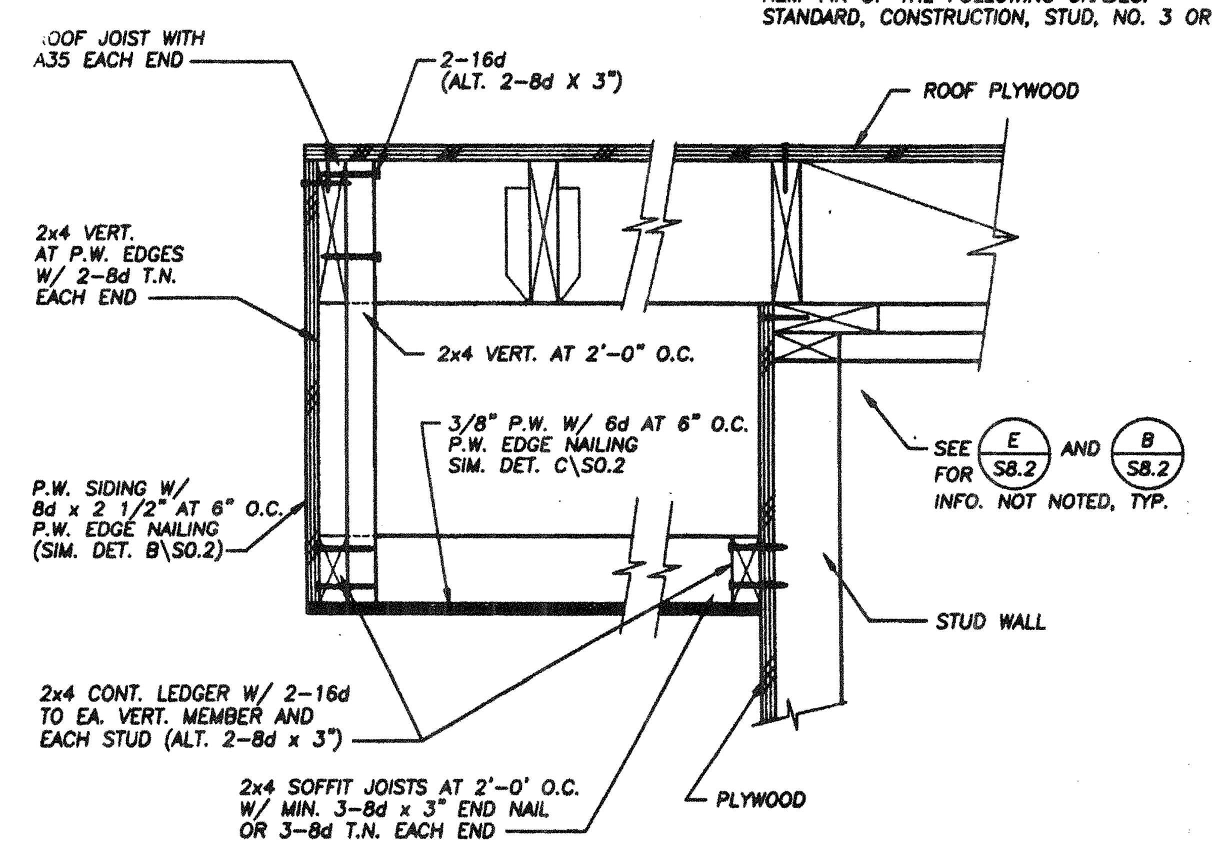


D/S8.2 DET. –ROOF AT MOD. CENTERLINE

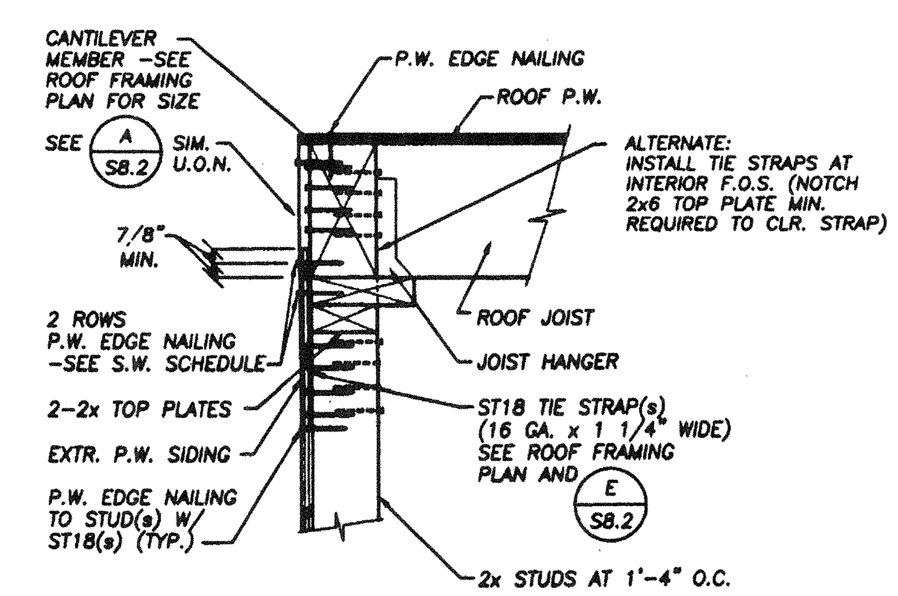


E/S8.2 DET.– ROOF FRAMING AT OVERHANG

NOTE: 2x4 SOFFIT JOISTS, LEDGERS AND VERTICAL MEMBERS MAY BE HEM–FIR OF THE FOLLOWING GRADES: STANDARD, CONSTRUCTION, STUD, NO. 3 OR BETTER

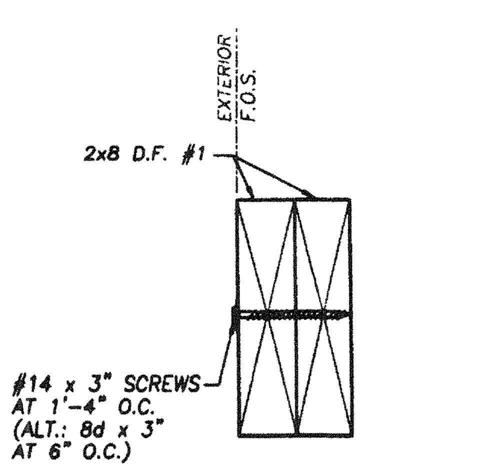


F/S8.2 DET.– DROPPED SOFFIT FRAMING AT OVERHANG

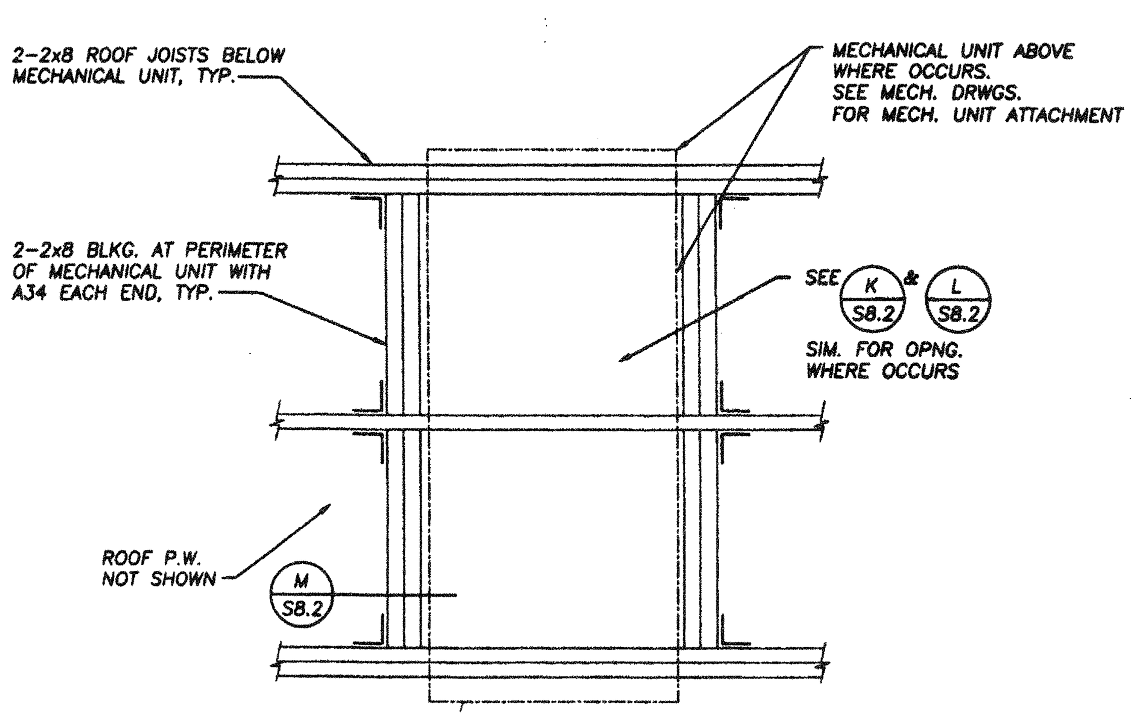


G/S8.2 DET.– ROOF FRAMING AT FRONT CANTILEVER AT SIDEWALL

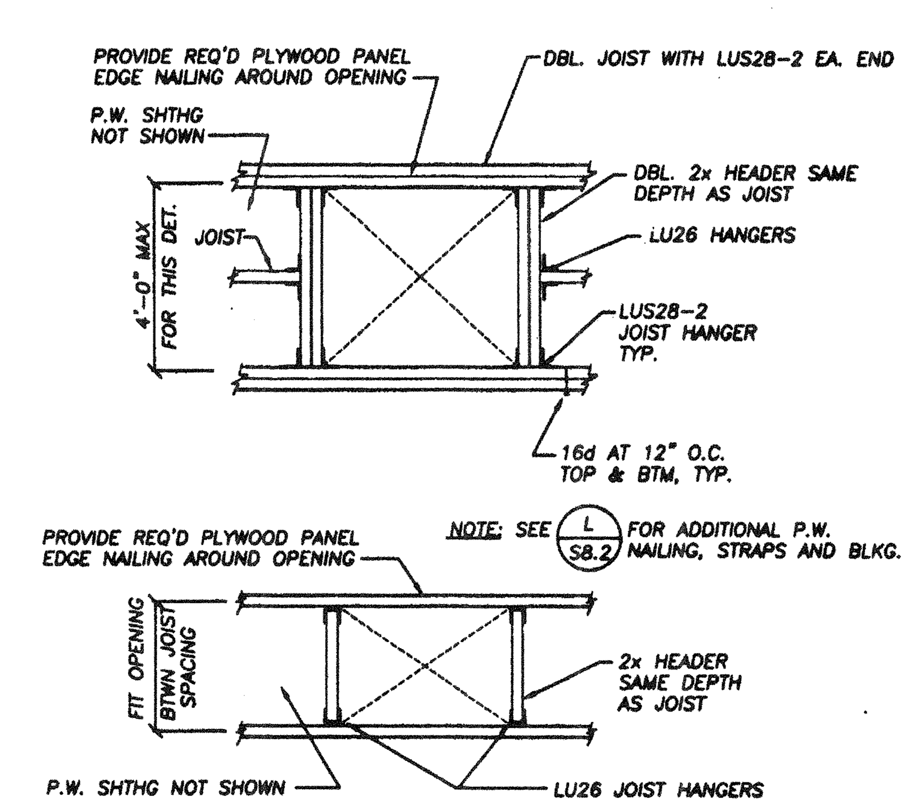
SIM. AT ALT. 5'–0" O.H. AT REAR



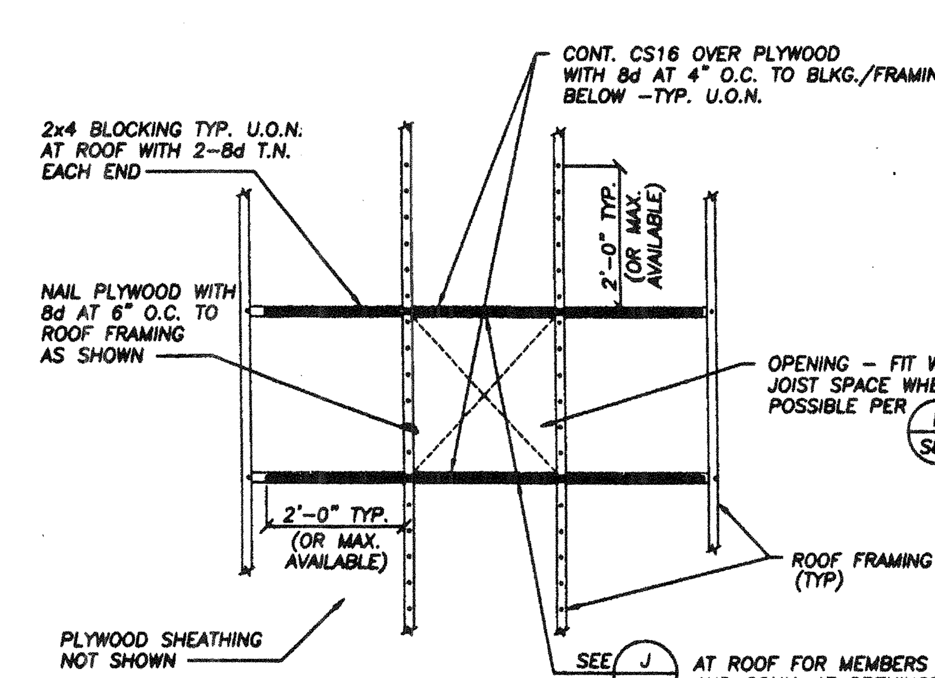
H/S8.2 DET.– ALT. CANTILEVER MEMBER AT 5'–0" O.H.



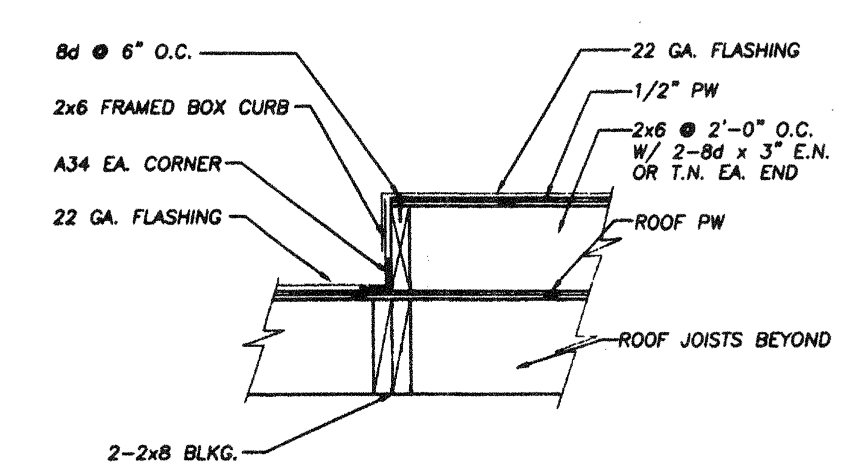
J/S8.2 PLAN DET. – BLKG. AT MECH. UNIT



K/S8.2 DET. TYP. FRAMING AT OPNGS



L/S8.2 DET.– TYP. ROOF OPENING



M/S8.2 DET – MECHANICAL UNIT CURB

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 115037
AC — FLS — SS [initials]
DATE 4-7-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 105083
AC — FLS — SS [initials]
DATE 4-1-03

LICENSED ARCHITECT
MITCHELL A. McALLISTER
NO. C-17250
REN. 2/28/17
STATE OF CALIFORNIA

DESIGN

ROOF LIVE LOAD =	30 PSF (SNOW)
FLOOR LIVE LOAD =	50/125 PSF
WIND =	80 MPH exp C
SEISMIC ZONE =	4
SEISMIC SOURCE TYPE	A
DISTANCE TO KNOWN SOURCE	≥15KM

REVISIONS

PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02 101487
AC — FLS — SS [initials]
DATE 11/8/99

DIVISION OF STATE ARCHITECT

ENGINEER

REGISTERED PROFESSIONAL ENGINEER
REBECCA LYNN VERDONNER
No. 044581
Exp. 03/31/02
CIVIL
STATE OF CALIFORNIA

ARCHITECT

LICENSED ARCHITECT
GARY MICHAEL [illegible]
C-19,752
EXP. 07/31/01
STATE OF CALIFORNIA

GARY DOUPNIK MANUFACTURING, INC.
3237 RIPPEY ROAD, P.O. BOX 527, LOOMIS, CA. 95650 (916) 652-9291

RELOCATABLE BUILDINGS
~~12'x40'~~, 24'x40, ~~36'x40', 48'x40', 60'x40', 72'x40'~~
SACRAMENTO CITY U.S.D.
MARIAN ANDERSON ELEMENTARY

FRAMING DETAILS

GDmfg

DRAWN	CLP/TDL
CHECKED	TLV
DATE	07/15/99
SCALE	N.T.S.
JOB NO.	6723
FILE	P269S82

S8.2