FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

OWNER
PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT
1301 EAST ORANGETHORPE AVENUE
PLACENTIA, CA 92870

RALPH FIGUEROA
714.220.6951 (P)

ARCHITECT
STUDIO+ ARCHITECTS, INC.
2755 BRISTOL STREET, STE 250
COSTA MESA, CA 92626

JASON DONTJE, NCARB, LEED AP BD+C
949.228.7528 (P)

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OPTIMUM ENERGY DESIGN
5200 E LA PLAMA AVE,
ANAHEIM, CALIFORNIA 92807

HUY LE
714.693.2277 ext 787 (P)

PLUMBING ENGINEER
OPTIMUM ENERGY DESIGN
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HERMAN ANDRES
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ELECTRICAL ENGINEER
STUDIO+ ENGINEERING
2755 BRISTOL STREET, STE 250
COSTA MESA, CA 92626

ANDY CHAN
559.347.8249 (P)

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

These drawings have been prepared as one coordinated set of drawings and are complimentary. What is required by one drawing is required by all of the drawings, even if a detail or component part is not identified on every sheet. Any user's reliance on a single or select few sheet(s) of the drawings without consideration for the information included in the entire set of drawings will be at the user's sole risk and shall not form the basis for a request for additional compensation or time.

1. IT IS THE INTENT OF THE ARCHITECT THAT THIS WORK BE IN CONFORMANCE WITH THE BUILDING AUTHORITIES HAVING JURISDICTION OVER THIS WORK AND OCCUPANCY. ALL CONTRACTORS SHALL EXECUTE THEIR WORK IN COMPLIANCE WITH THE CODES LISTED HEREIN. ALL WORK SHALL BE EXECUTED UNDER PROPER BUILDING PERMITS AS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.

2. THE CONTRACTOR AND BUILDING OWNER SHALL MEET PRIOR TO NOTICE TO PROCEED AND SHALL DOCUMENT EXISTING CONDITIONS OF THE GENERAL PROJECT AREA.

3. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EQUIPMENT AND UTILITY POINTS OF SERVICE.

4. ALL BUILDING SYSTEM SERVICES (IE: WATER, SANITARY, FIRE ALARM, ELECTRIC, ETC.) SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE.

5. CONTRACTOR SHALL USE ONLY THOSE ENTRANCES AND PARKING FACILITIES ASSIGNED BY THE BUILDING OWNER FOR SITE ACCESS. ALL MATERIAL DELIVERIES SHALL BE SCHEDULED SO AS TO MINIMIZE DISRUPTIONS TO THE BUILDING OCCUPANTS.

6. SITE UTILITIES: THE CONTRACTOR SHALL USE EXISTING SERVICES.

7. CONTRACTOR SHALL USE THE EXISTING BUILDING IN A MANNER WHICH WILL NOT DEFACE OR DAMAGE THE EXISTING FACILITIES IN ANY FASHION. ALL DAMAGE BY CONTRACTOR AND THEIR FORCES SHALL BE REPAIRED/REPLACED AT NO COST TO THE BUILDING'S OWNER. PROVIDE PROTECTIVE MATERIAL AS WARRANTED.

8. THE CONTRACTOR SHALL FIELD MEASURE ALL DISTANCES AND CLEARANCES PRIOR TO COMMENCEMENT OF NEW WORK OR ORDERING OF MATERIALS. ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO PROCEEDING WITH THAT PORTION OF WORK. THE CONTRACTOR SHALL NOT SCALE ANY DRAWINGS WITHIN THE CONSTRUCTION DOCUMENTS. ANY DISCREPANCIES SHALL BE RESOLVED BY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH THAT WORK.

9. ANY EXISTING ELEC, PLUMB OR HVAC DEVICES OR SYSTEMS WHICH ARE NEEDED TO MAINTAIN THE OPERATIONS OF THE SYSTEM, SHALL BE CAPPED OFF OR REROUTED AS NECESSARY TO MAINTAIN SYSTEM, REGARDLESS IF INDICATED HEREIN.

10. THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING/NEW CONSTRUCTION WILL BE SHELTERED FROM DAMAGE BY WEATHER AT ALL TIMES DURING THE CONSTRUCTION/DEMOLITION PROCESS.

11. WHEN REMOVING FIXTURES OR DEVICES, REMOVE ALL ASSOCIATED WIRE, BOXES, FRAMING, PIPING NECESSARY TO ALLOW THE COMPLETE INSTALLATION OF NEW FINISH.

12. EVERY EFFORT HAS BEEN MADE TO ACCURATELY DEPICT EXISTING CONDITIONS. HOWEVER, ALL WORK MUST BE VERIFIED IN THE FIELD PRIOR TO THE ORDERING OF ANY MATERIALS OR ANY WORK HAS BEGUN. ANY CONFLICTS BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT FOR VERIFICATION AND/OR CORRECTION.

13. ALL WORK SHALL CONFORM TO 2025 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

14. CHANGES 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.

15. A "DSA" CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR, **CLASS 3**.

16. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

17. 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 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).

18. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

GENERAL NOTES

1. ALL SCREENED/HALFTONE LINES INDICATE EXISTING ITEMS TO REMAIN (TYP., UNLESS NOTED OTHERWISE).

2. ALL DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED (TYP. UNLESS NOTED OTHERWISE)

3. WORK IS REQUIRED TO BE PERFORMED WITHIN EXISTING BUILDING. EACH CONTRACTOR WILL HAVE ACCESS TO AREAS IN WHICH THIS WORK OCCURS.

4. OWNER WILL OCCUPY EXISTING BUILDING DURING LIFE OF THIS CONTRACT. SCHEDULE ALL WORK AT SUCH TIME AND IN SUCH A MANNER TO MINIMIZE INTERFERENCE TO PUBLIC, STAFF AND OWNER'S OPERATIONS. CONTRACTOR MUST OBTAIN APPROVAL OF OWNER BEFORE STARTING ANY WORK WITHIN ANY EXISTING AREA OF BUILDING.

5. AREA IMMEDIATELY SURROUNDING ALL AREAS OF WORK SHALL BE PROTECTED FROM DANGER OF MATERIALS BEING DROPPED OR DISLODGED.

6. WORK SHALL BE CARRIED OUT IN A MANNER THAT WILL NOT IMPOSE AVOIDABLE HARDSHIP, DANGER, OR INCONVENIENCE TO PUBLIC OR STAFF. WORK SHALL BE PLANNED SO AS TO MINIMIZE SHUTDOWN TIME OR ANY SERVICE.

7. REVIEW ALL EXISTING CONDITIONS, DRAWINGS AND OTHER DOCUMENTS FOR PROPER COORDINATION BETWEEN NEW AND EXISTING CONSTRUCTION.

8. ACTIVE UTILITIES WHOSE LOCATIONS ARE UNKNOWN TO OWNER ARE SUSPECTED TO EXIST. CONTRACTOR SHALL BE CAUTION OF THEIR EXISTENCE. IF THEY ARE ENCOUNTERED, IMMEDIATELY REPORT TO OWNER FOR DIRECTION.

9. LIMIT USE AND OPERATION AT SITE TO "LIMITS OF CONSTRUCTION," INDICATED AND REQUIRED TO PERFORM WORK. PORTIONS OF SITE BEYOND AREA OF REQUIRED WORK SHALL NOT BE DISTURBED WITHOUT WRITTEN APPROVAL OF OWNER.

10. LIMIT USE AND OPERATION WITHIN EXISTING FACILITIES TO AREAS INDICATED FOR CONSTRUCTION WORK AND AS REQUIRED TO PERFORM WORK. OTHER AREAS WITHIN FACILITY SHALL NOT BE DISTURBED OR DISRUPTED.

11. DAMAGES TO EXISTING STRUCTURE, UTILITIES AND OTHER ITEMS WHICH ARE CAUSED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THEIR ORIGINAL CONDITION.

12. MAINTAIN AND KEEP CLEAR ALL REQUIRED FIRE EXITWAYS THROUGHOUT FACILITY WITHIN AND IN VICINITY OF CONSTRUCTION AREAS. COORDINATE ALTERNATE TEMPORARY EGRESS ROUTES WITH OWNER AND LOCAL FIRE AUTHORITY.

13. MAINTAIN EXISTING BUILDING IN A WEATHERTIGHT CONDITION THROUGHOUT CONSTRUCTION PERIOD. REPAIR DAMAGE AND LEAKS CAUSED BY CONSTRUCTION OPERATIONS. TAKE ALL PRECAUTION NECESSARY TO PROTECT BUILDING AND ITS OCCUPANTS DURING CONSTRUCTION PERIOD.

18. THE DEMOLITION DRAWINGS FOR ARCHITECTURAL AND ENGINEERING WORK HAVE BEEN PREPARED USING (AS DESIGNED) DOCUMENTS PROVIDED BY THE OWNER. NEITHER THE OWNER NOR THE ARCHITECT WARRANT THESE TO BE (AS-BUILT) DOCUMENTS AND ACTUAL CONDITIONS MAY VARY.

19. CONTRACTOR SHALL DISPOSE OF ALL ITEMS - OWNER RESERVES THE RIGHT TO SELECT SPECIFIC ITEMS FOR SALVAGE.

20. PROVIDE TEMPORARY DUST, SIGHT, AND SOUND BARRIERS WHEREVER NECESSARY TO LIMIT THE AMOUNT OF NOISE, DUST AND VISUAL POLLUTION WITHIN AND AROUND THE FACILITY, TO MAINTAIN OCCUPANCY AND USE OF OCCUPIED AREAS IN THE EXISTING BUILDING 24 HOURS PER DAY. THE EXACT LOCATION AND QUANTITY OF TEMPORARY BARRIERS IS TO BE DETERMINED BY CONSTRUCTION SCHEDULE AND WORK SEQUENCE. INTERIOR PARTITIONS ARE DEFINED FOR THESE PURPOSES AS FULL HEIGHT 3-5/8" METAL STUD WITH GWB FINISH, PAINTED (COLOR AS SELECTED BY OWNER). SOUND INSULATED WITH FULL HEIGHT 2" (UNFACED) SOUND ATTENUATION BLANKETS, AND SEALED TOP, BOTTOM, AND ENDS TO PREVENT THE PASSAGE OF DUST AND NOISE.

21. SAFETY DURING CONSTRUCTION TO COMPLY WITH CFC & CBC CHAPTER 33.

APPLICABLE CODES

DIVISION OF THE STATE ARCHITECT (DSA)

2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR

2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR

2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR

2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR

2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR

2025 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR

2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR

2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10 TITLE 24 CCR

2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR

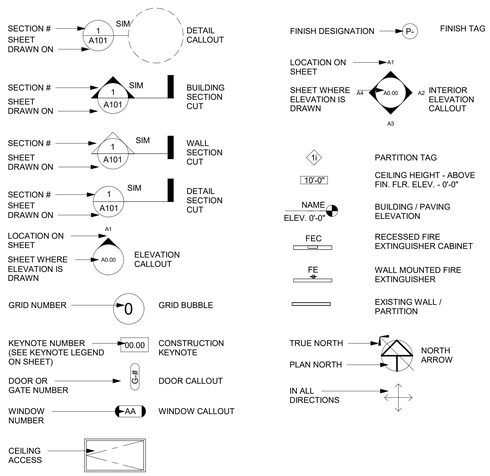
WATER CLOSETS – WATER EFFICIENCY (CALGREEN §5.303.3.1)
WEATHER PROTECTION (CALGREEN §5.407.1)
CONSTRUCTION WASTE MANAGEMENT (CALGREEN §5.408.1)
LOW-EMITTING MATERIALS (CALGREEN §5.504.4)

2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

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

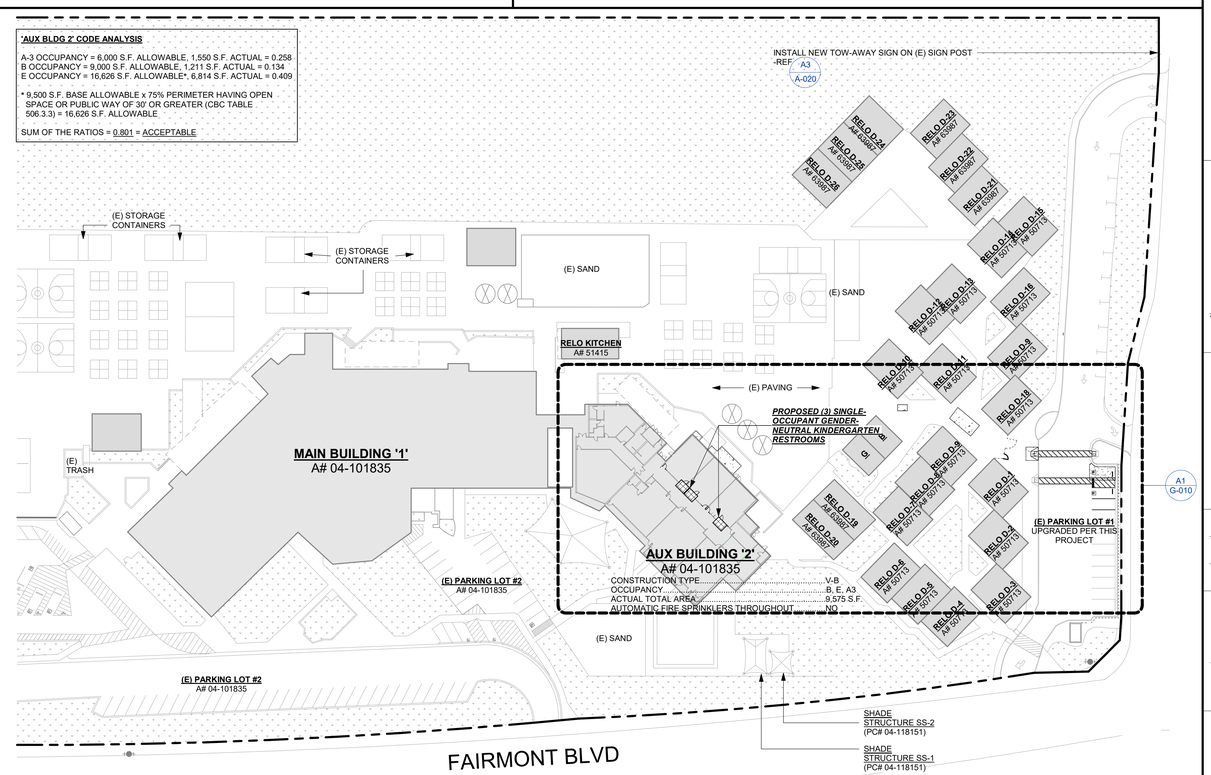
SYMBOL LEGEND



SHEET INDEX

SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION DATE
GENERAL			
G-000	COVER SHEET	02/23/2026	
G-010	ACCESSIBILITY SITE PLAN	02/23/2026	
G-020	OVERALL FLOOR PLAN	02/23/2026	
GENERAL: 3			
ARCHITECTURAL			
A-010	ENLARGED PARKING PLAN	02/23/2026	
A-020	MISC. SITE DETAILS	02/23/2026	
A-100	ENLARGED DEMO FLOOR PLANS	02/23/2026	
A-101	ENLARGED REMODEL FLOOR PLANS	02/23/2026	
A-102	ENLARGED CONCRETE CURB FLOOR PLANS	02/23/2026	
A-110	ENLARGED DEMOLITION REFLECTED CEILING PLANS	02/23/2026	
A-111	ENLARGED REMODEL REFLECTED CEILING PLANS	02/23/2026	
A-120	PARTIAL ROOF PLAN & DETAILS	02/23/2026	
A-200	ELEVATIONS, ACCESSORY & MASTER FINISH SCHEDULE	02/23/2026	
A-400	PARTITION TYPE, TYPICAL FRAMING, CEILING, & SLAB DETAILS	02/23/2026	
A-401	RCP DETAILS	02/23/2026	
A-500	DOOR SCHEDULE & MISC. DETAILS	02/23/2026	
ARCHITECTURAL: 12			
MECHANICAL			
M-0.1	MECHANICAL GENERAL NOTES AND LEGEND	02/23/2026	
M-100	MECHANICAL ENLARGED REMODEL FLOOR PLAN	02/23/2026	
M-200	MECHANICAL REMODEL ROOF PLAN	02/23/2026	
MECHANICAL: 3			
PLUMBING			
P-0.1	PLUMBING GENERAL NOTES AND LEGEND	02/23/2026	
P-0.2	PLUMBING SCHEDULE	02/23/2026	
P-100	PLUMBING ENLARGED REMODEL FLOOR PLAN	02/23/2026	
P-200	PLUMBING REMODEL ROOF PLAN	02/23/2026	
P-4.1	PLUMBING DETAILS	02/23/2026	
PLUMBING: 5			
ELECTRICAL			
E001	ELECTRICAL NOTES, SYMBOLS & ABBREVIATIONS	02/23/2026	
E002	ELECTRICAL NOTES	02/23/2026	
E003	ELECTRICAL TITLE 24	02/23/2026	
E100	ELECTRICAL OVERALL SITE PLAN	02/23/2026	
E101	ELECTRICAL POWER FLOOR PLAN	02/23/2026	
E102	ELECTRICAL LIGHTING FLOOR PLAN	02/23/2026	
E501	ELECTRICAL DETAILS	02/23/2026	
E701	ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULE	02/23/2026	
ELECTRICAL: 8			
FIRE ALARM			
FA001	FIRE ALARM COVERSHEET	02/23/2026	
FA100	FIRE ALARM OVERALL SITE PLAN	02/23/2026	
FA101	FIRE ALARM DEMOLITION FLOOR PLAN	02/23/2026	
FA102	FIRE ALARM NEW WORK FLOOR PLAN	02/23/2026	
FA401	FIRE ALARM RISER DIAGRAM & CALCS	02/23/2026	
FA402	FIRE ALARM CALCULATIONS	02/23/2026	
FA501	FIRE ALARM DETAILS	02/23/2026	
FIRE ALARM: 7			
Grand total: 38			

SHEET INDEX



GENERAL DEMOLITION NOTES

ENERGY CODES

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 FUNCTION PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

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

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

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

A LISTING OF CERTIFIED ATT CAN BE FOUND AT: https://www.energy.ca.gov/programs-and-topics/programs/acceptance-test-technician-certification-provider-program/acceptance.

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

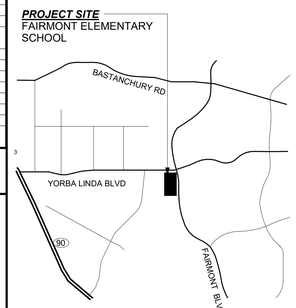
PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

ABBREVIATIONS

Ø	DIAMETER OR ROUND	DEL	DELETE	FT	FOOT OF FEET	OFOI	OWNER-FURNISHED	TO	TOP OF
+/-	PLUS/MINUS	DET	DETAIL	FTG	FOOTING		OWNER-INSTALLED	TOC	TOP OF CURB
#	POUND OR NUMBER	DF	DRINKING FOUNTAIN	GA	GAUGE	OH	OPPOSITE HAND	TOD	TOP OF DRAIN
%	PERCENT	DIA	DIAMETER	GALV	GALVANIZED	OPP	OPPOSITE	TOP	TOP OF PARAPET
@	AT	DIM	DIMENSION	GB	GYPSUM BOARD	OTO	OUT TO OUT	TOPL	TOP OF PLATE
°	DEGREE	DL	DOOR LOUVER	GFRC	GLASS FIBER REINFORCED	PA	PUBLIC ADDRESS	TOR	TOP OF RIDGE
℄	CENTER LINE	DN	DOWN		CONCRETE	PE	PAD ELEVATION	TOS	TOP OF SLAB
∠	ANGLE	DP	DISABLED PERSON ACCESSIBLE	GYP	GYPSUM	PERP	PERPENDICULAR	TOW	TOP OF WALL
℗	PROPERTY LINE	DS	DOWNSPOUT	HB	HOSE BIB	PH	PANIC HARDWARE	TST	TOP OF STEEL
AB	ANCHOR BOLT	DWG	DRAWING	HDWE	HARDWARE	PL	PLATE	TV	TELEVISION
ABS	ABSOLUTE	EA	EACH	HM	HOLLOW METAL	PLAM	PLASTIC LAMINATE	TYP.	TYPICAL
AC	ASPHALTIC CONCRETE	EJ	EXPANSION JOINT	HOR	HORIZONTAL	PLUMB	PLUMBING	UC	UNDERCUT
ACC	ACCESSIBLE WORK STATION	ELEV	ELEVATION	HR	HOUR	PLYWD	PLYWOOD	UNO	UNLESS NOTED OTHERWISE
ACOUS	ACOUSTICAL	ELEC	ELECTRICAL	HVAC	HEATING VENTILATION AIR	PM	PARTITION MOUNTED	VCT	VINYL COMPOSITION TILE
ADJ	ADJACENT	EMT	ELECTRICAL METAL TUBING	ID	INSIDE DIAMETER	POC	POINT OF CONNECTION	VERT	VERTICAL
AFF	ABOVE FINISH FLOOR	ENCL	ENCLOSURE	IN	INCH OR INCHES	POT	PATH OF TRAVEL	W	WIDE FLANGE
ALUM	ALUMINUM	ENGR	ENGINEER	INT	INTERIOR	PR	PAIR	W/	WITH
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	EOS	EDGE OF SLAB	INV	INVERT	PREP	PREPARE	WO	WITHOUT
		EQ	EQUAL	JBOX	JUNCTION BOX	PSF	POUNDS PER SQUARE FOOT	WD	WOOD
ARCH	ARCHITECTURAL	EQPT	EQUIPMENT	JAN	JANITOR CLOSET	PSI	POUNDS PER SQUARE INCH	WH	WATER HEATER
BD	BOARD	EW	EACH WAY	LAV	LAVATORY	PVC	POLYVINYL CHLORIDE	WI	WOODWORK INSTITUTE
BLDG	BUILDING	(E)	EXISTING	LB(S)	POUND(S)	R	RISER, RADIUS	WIN	WINDOW
BLK	BLOCK	EXP	EXPANSION	MAX	MAXIMUM	RD	ROOF DRAIN	WP	WATERPROOF
BLKG	BLOCKING	EXT	EXTERIOR	MB	MACHINE BOLT	REC	RECESSED	WS	WOOD SCREW
BTWN	BETWEEN	FA	FIRE ALARM	MDF	MEDIUM DENSITY FIBERBOARD	REF	REFERENCE	WT	WEIGHT
C	CHANNEL	FD	FLOOR DRAIN	MFR	MANUFACTURER	REQ	REQUIRED	WWF	WELDED WIRE FABRIC
CER	CERAMIC	FDC	FIRE DEPARTMENT CONNECTION	MH	MANHOLE	RM	ROOM	x	BY
CF	CUBIC FEET	FDN	FOUNDATION	MIN	MINIMUM	RS	RUNNING SLOPE	YD	YARD
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	FE	FIRE EXTINGUISHER	MISC	MISCELLANEOUS	RWL	RAIN WATER LEADER		
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED	FEC	FIRE EXTINGUISHER W/CABINET	MO	MASONRY OPENING	RO	ROUGH OPENING	NOTE: OTHER ABBREVIATIONS USED ON THESE DRAWINGS ARE CONSIDERED STANDARDS IN THE BUILDING INDUSTRY. CONTACT ARCHITECT FOR NECESSARY CLARIFICATION.	
				MTL	METAL	SCHED	SCHEDULE		
CJ	CONTROL JOINT	FF	FINISH FLOOR	(N)	NEW	SECT	SECTION		
CLG	CEILING	FG	FINISH GRADE	NIC	NOT IN CONTRACT	SF	SQUARE FEET		
CLR	CLEAR	FH	FIRE HYDRANT	NO	NUMBER	SHT	SHEET		
CMU	CONCRETE MASONRY UNIT	FHC	FIRE HOSE W/ CABINET	NR	NON RATED	SIM	SIMILAR		
CONC	CONCRETE	FHWS	FLAT HEAD WOOD SCREW	NTS	NOT TO SCALE	SM	SURFACE MOUNTED		
CONT	CONTINUOUS	FL	FLOOR	NTS	NOT TO SCALE	SMS	SHEET METAL SCREW		
CORR	CORRIDOR	FO	FACE OF	OI	OVER	SOV	SHUT OFF VALVE		
CR	CLASSROOM	FOC	FACE OF CONCRETE	OA	OVERALL	SPEC	SPECIFICATION		
CS	CROSS SLOPE	FOF	FACE OF FINISH	OC	ON CENTER	SST	STAINLESS STEEL		
CTSK	COUNTER SUNK	FOM	FACE OF MASONRY	OD	OUTSIDE DIAMETER	STD	STANDARD		
CTC	CENTER TO CENTER	FOS	FACE OF STUD	OFCI	OWNER-FURNISHED CONTRACTOR-INSTALLED	STL	STEEL		
d	PENNY	FS	FINISH SURFACE			STRUCT	STRUCTURAL		
DBL	DOUBLE					T&B	TOP AND BOTTOM		
						TEMP	TEMPORARY		

OVERALL SITE PLAN
1" = 50'-0"
A1

VICINITY PLAN



PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

PROJECT INFO & SCOPE

CLIENT: PLACENTIA-YORBA LINDA U.S.D.
1301 EAST ORANGETHORPE AVENUE
PLACENTIA, CA 92870

PROJECT NAME: **FAIRMONT ELEMENTARY SCHOOL KINDERGARTEN RESTROOM ADDITION**

PROJECT ADDRESS: 5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

SCOPE OF WORK: **THREE (3) SINGLE-OCCUPANT ADA GENDER-NEUTRAL RESTROOM ADDITIONS WITHIN KINDERGARTEN CLASSROOMS 224, 220, & 218.**

NEW IMPROVEMENTS CONSIST OF NEW WALLS, FINISHES, RESTROOM FIXTURES & ACCESSORIES, CEILINGS, LIGHTING, & NECESSARY MECHANICAL, ELECTRICAL & PLUMBING INFRASTRUCTURE. ACCESSIBLE PARKING AND SITE IMPROVEMENT

CONTRACTOR SITE SAFETY PLAN

CONTRACTOR SHALL PROVIDE A WRITTEN SITE SAFETY PLAN IN COMPLIANCE WITH CFC 3303.1.1 AND DSA BU 25-05 PRIOR TO COMMENCEMENT OF ANY MOBILIZATION, DEMOLITION, AND/OR CONSTRUCTION. CONTRACTOR SHALL PROVIDE THIS DOCUMENT TO THE ARCHITECT AS A SUBMITTAL. ARCHITECT WILL ISSUE THE DOCUMENT TO DSA AS REQUIRED PER DSA BU 24-05.

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT JASON A. DONTJE NO. C-32178 REGISTERED PROFESSIONAL ARCHITECT STATE OF CALIFORNIA 07-31-27

TITLE
COVER SHEET

SHEET #
G-000

NOTES

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:
THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT HAVE BEEN IDENTIFIED AND 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 INDICATED IN THESE CONSTRUCTION DOCUMENTS.

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

OPENINGS IN GRATINGS OR STRAINERS LOCATED IN PEDESTRIAN CIRCULATION PATHS OR IN POT SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2" DIA. ELONGATED OPENINGS SHALL BE PLACED SO THAT LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL IN COMPLIANCE WITH SECTION 11B-302.3

TECHNICAL REQUIREMENTS 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 CHANGE 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 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. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

ACCESSIBILITY NOTES:
ALL EXISTING AND NEW DOORS/ GATE CLOSERS FOR ACCESSIBLE DOORS THAT ARE A PART OF THE PATH OF TRAVEL HIGHLIGHTED MUST BE ADJUSTED SO THAT THE DOOR OPENING FORCE IS COMPLIANT WITH ***CBC SECTION 11B-404.2.9*** *AND CLOSING SPEED SHALL COMPLY WITH* ***SECTION 11B-404.2.8.***

THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL BE AS FOLLOWS:
1. INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM.
2. SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM.
3. REQUIRED FIRE DOORS: MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.
4. EXTERIOR HINGED DOORS: 5 POUNDS MAXIMUM.

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION.

DSA STATUS

A# 04 125244..... OPEN

A# 04 105441..... CANCELED

A# 04 111551..... CERTIFIED & CLOSED
A# 04 105334..... CERTIFIED & CLOSED
A# 04 101835..... CERTIFIED & CLOSED
A# 04 119757..... CERTIFIED & CLOSED

PARKING ANALYSIS

PARKING LOT #1.....UPGRADED PER THIS PROJECT

(E) REGULAR PARKING STALLS.....19

REQUIRED ACCESSIBLE STALLS
ACCESSIBLE STALLS.....0
VAN ACCESSIBLE STALLS.....1

ACTUAL ACCESSIBLE STALLS
ACCESSIBLE STALLS.....01
VAN ACCESSIBLE STALLS.....01

TOTAL (E) STALLS.....21

ACCESSIBILITY SITE PLAN LEGEND

(E) BUILDINGS

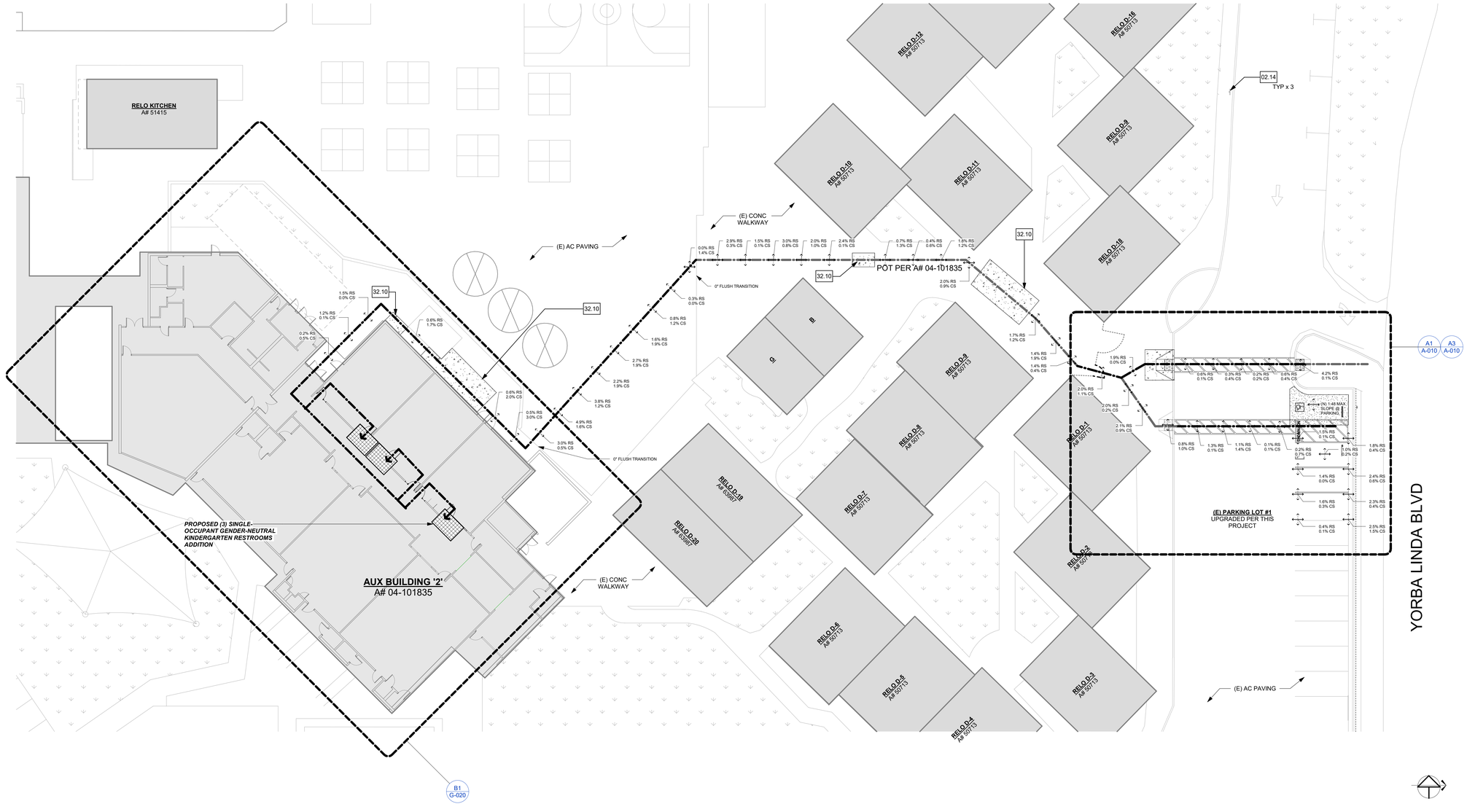
SCOPE OF WORK AREA

ACCESSIBLE PATH OF TRAVEL PER **A# 04-101835**

ACCESSIBLE PATH OF TRAVEL PER **PER THIS PROJECT**

PROPERTY LINE

X.X% RS
X.X% CS
RUNNING SLOPE PERCENT (AT THIS LOCATION)
CROSS SLOPE PERCENT (AT THIS LOCATION)



AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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KEYNOTE LEGEND

NUMBER	PROVIDE WORK / ITEM
02.14	REMOVE 'STUDENT LOADING OR UNLOADING' SIGN FROM POST – MAINTAIN SIGN POST IN PLACE.
32.10	DEMO CONCRETE PAVING AND INSTALL 4" CONC PAVING WITH 2% MAX SLOPE IN ALL DIRECTIONS (B3/A-020).

PROJECT

PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT
JASON A. DONTJE
NO. C-32176
REN. 07-31-27
STATE OF CALIFORNIA

TITLE
ACCESSIBILITY SITE PLAN

SHEET #
G-010

ACCESSIBILITY SITE PLAN | A1 | 1/16" = 1'-0"

OVERALL FLOOR PLAN LEGEND

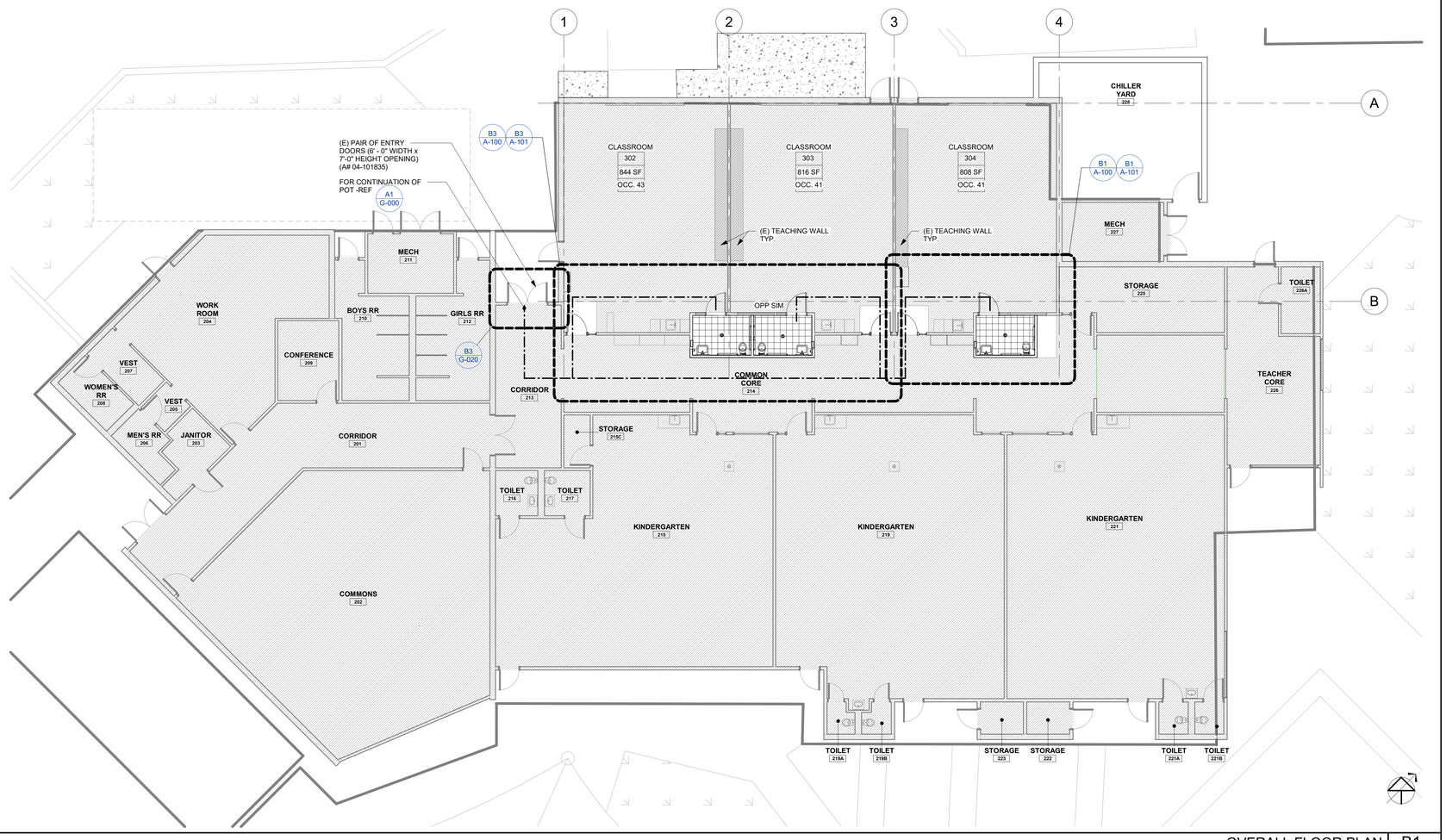
SYMBOL	DESCRIPTION
	AREA NOT IN SCOPE OF WORK
	(E) ITEMS
	(N) ITEMS
	(E) PARTITION WALL
	FULL HEIGHT PARTITION / WALL (FLOOR TO BOTTOM OF (E) STRUCTURE ABOVE UNO)
	ACCESSIBLE PATH OF TRAVEL PER **PER THIS PROJECT**

KEYNOTE LEGEND

NUMBER	PROVIDE WORK / ITEM
08.02	DEMO (E) PANIC HARDWARE & INSTALL (N) VON DUPRIN AX-XP99 SERIES PANIC HARDWARE.



(E) ACCESSIBLE DOORS (A# 04-101835) | B3 | 3" = 1'-0"



OVERALL FLOOR PLAN | B1 | 1/8" = 1'-0"

AGENCY APPROVAL

IDENTIFICATION STAMP
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PROJECT

PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

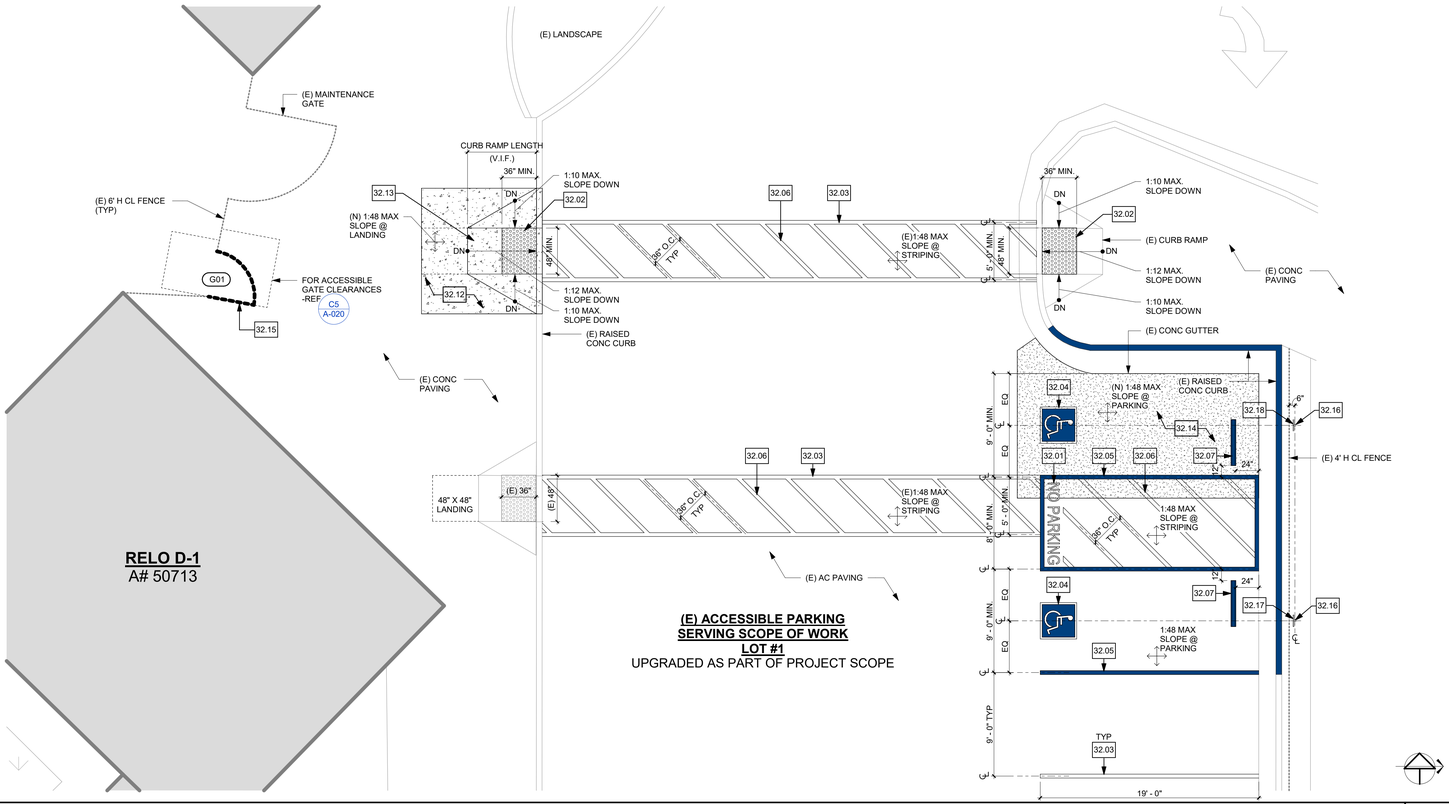
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

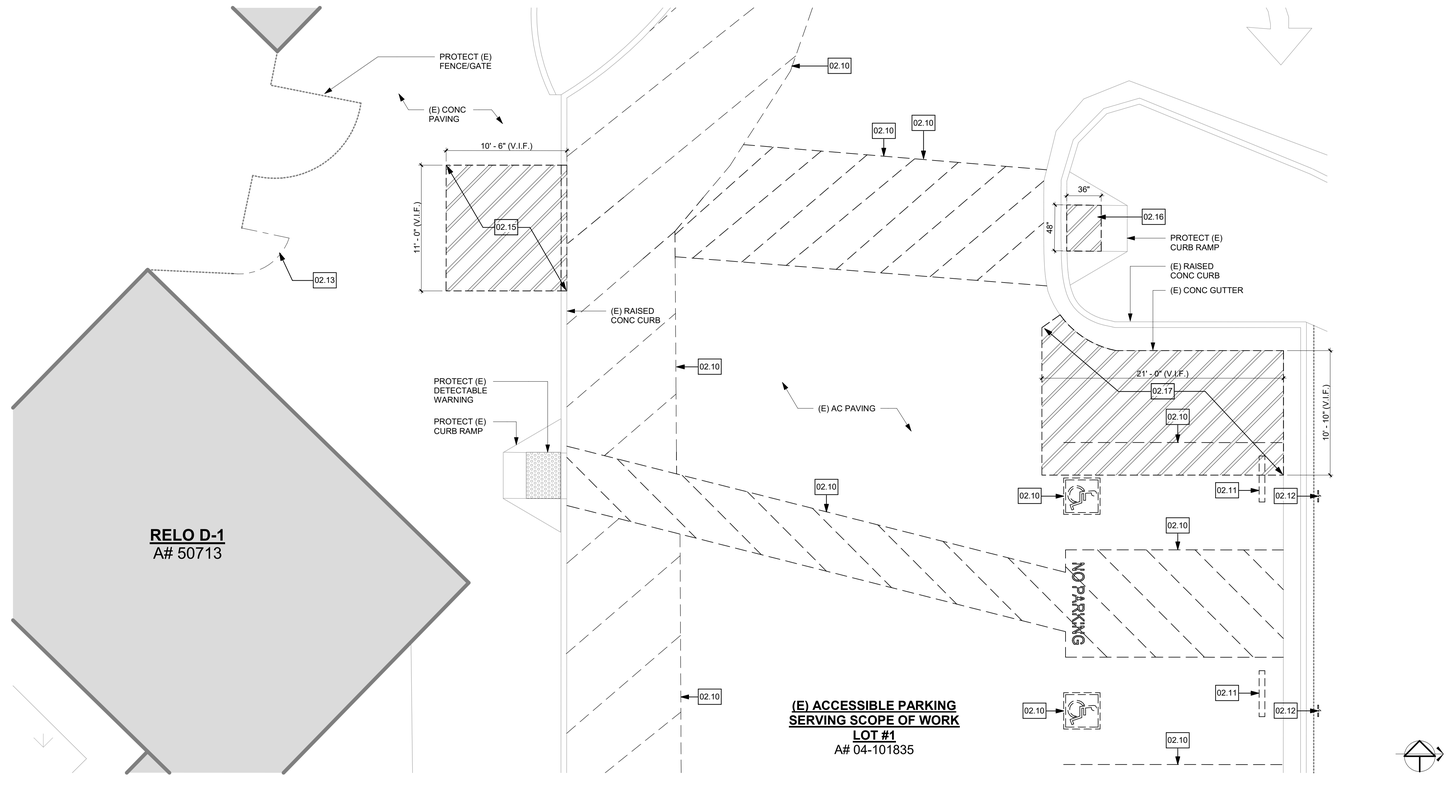
LICENSED ARCHITECT JASON A. DOHNER NO. C-32178 REN. 07-31-27 STATE OF CALIFORNIA

TITLE
OVERALL FLOOR PLAN

SHEET #
G-020



ENLARGED REMODEL PARKING PLAN | A3 | 3/16" = 1'-0"



ENLARGED DEMOLITION PARKING PLAN | A1 | 3/16" = 1'-0"

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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ENLARGED PARKING PLAN LEGEND

- (E) BUILDINGS
- (E) ITEM
- DEMO ITEM
- DEMO CONC OR AC PAVING PER PLAN
- (N) ITEM
- (N) AC PAVING
- (N) CONC PAVING
- 4 (N) CHAIN LINK GATE PER SCHEDULE — D1 / A-500

KEYNOTE LEGEND

	NUMBER	PROVIDE WORK / ITEM
	02.10	SAND BLAST STRIPING, HATCHING, AND TEXT ON AC PAVING TO PREPARE FOR NEW WORK - SLURRY ENTIRE AREA OF ASPHALT WORK FOLLOWING ALTERATIONS.
	02.11	DEMO WHEEL STOP
	02.12	DEMO SIGN POST AND FOOTING
	02.13	DEMO PEDESTRIAN GATE
	02.15	DEMO (E) CONC PAVING AND CURB PER PLAN. PREP AREA FOR (N) CURB RAMP.
	02.16	MILL DOWN (E) CONC PAVING TO PREP AREA FOR (N) TRUNCATED DOME TILES).
	02.17	DEMO (E) AC PAVING @ (N) ACCESSIBLE PARKING STALL AND ACCESS AISLE LOCATION WHERE CROSS-SLOPES EXCEED 2% MAX.
	32.01	PAINT 'NO PARKING' IN 12" HIGH WHITE LETTERS (NO STRIPES OVER THE LETTER)
	32.02	DETECTABLE WARNING (A4/A-020 & A5/A-020)
	32.03	PAINT 4" WIDE WHITE STRIPING
	32.04	36" SQUARE INTERNATIONAL SYMBOL OF ACCESSIBILITY (B1/A-020)
	32.05	4" WIDE BLUE STRIPE BORDER
	32.06	4" WIDE WHITE STRIPE @36" O.C. W/ NO STRIPE ACROSS "NO PARKING" TEXT
	32.07	WHEEL STOP PER (B2/A-020). PAINT BLUE.
	32.12	CONC PAVING (2% MAX SLOPE ANY DIRECTION) (B3/A-020).
	32.13	CURB RAMP PER PLAN.
3	32.14	AC PAVING (2% MAX SLOPE ANY DIRECTION) (D2/A-020).
	32.15	ACCESSIBLE CL PEDESTRIAN GATE (D1/A-500).
	32.16	(N) SIGN POST & FOOTING (A2/A-020).
	32.17	INSTALL (N) ACCESSIBLE PARKING SIGNAGE (A1/A-020)
	32.18	INSTALL (N) VAN ACCESSIBLE PARKING SIGNAGE (A1/A-020)

PROJECT

PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

2 5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

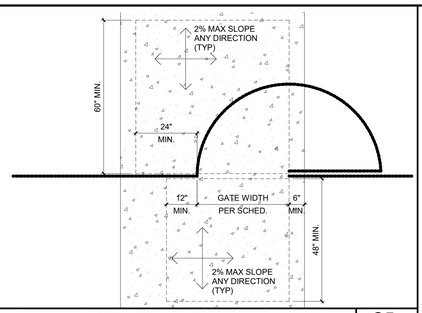
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

1 LICENSED ARCHITECT JASON A. DONTJE NO. C-32178 REGISTERED 07-31-27 STATE OF CALIFORNIA

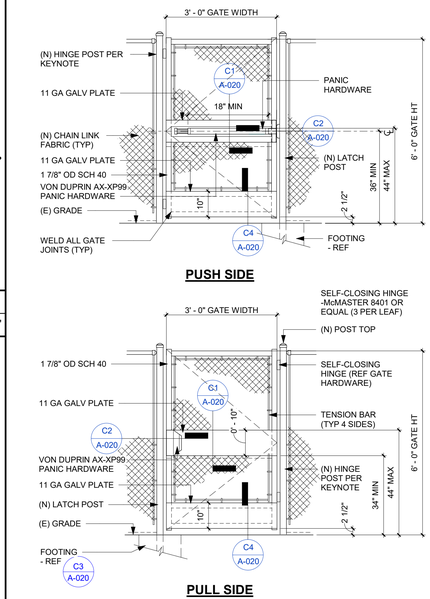
TITLE
ENLARGED PARKING PLAN

SHEET #
A-010



TYPICAL ACCESSIBLE GATE CLEARANCES — C5

1/2" = 1'-0"



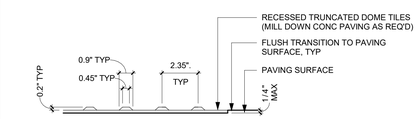
PUSH SIDE

PULL SIDE

NOTES:
1. ADJUST HINGES SO PRESSURE REQUIRED TO OPEN GATE IS 5 POUNDS MAX.

ACCESSIBLE CL SINGLE GATE ELEVATION — B4

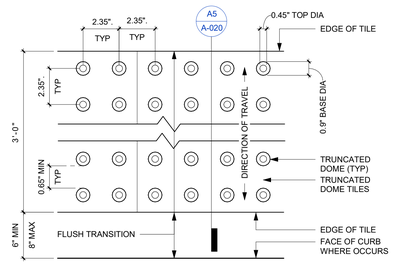
1/2" = 1'-0"



NOTE: DETECTABLE WARNING SURFACES SHALL BE YELLOW AND APPROXIMATE 33538 OF SAE AMS-STD-595A ***(11B-705.1.1.3.1)***

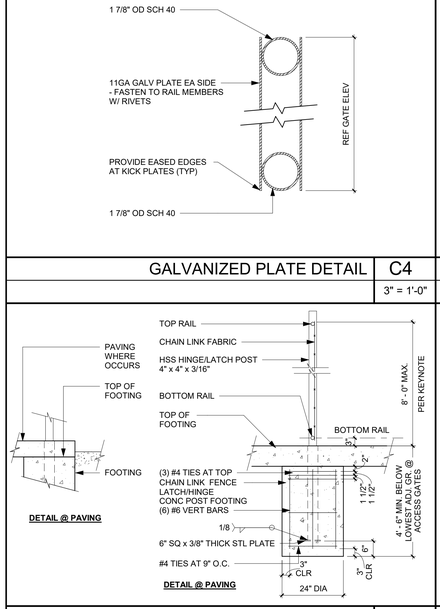
DETECTABLE WARNING - SECTION — A5

3" = 1'-0"



DETECTABLE WARNING - PLAN — A4

3" = 1'-0"

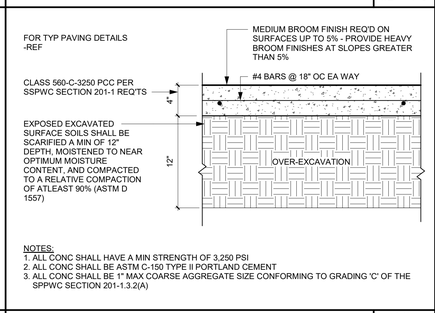


GALVANIZED PLATE DETAIL — C4

3" = 1'-0"

ACCESSIBLE CL LATCH/HINGE POST SECTION — C3

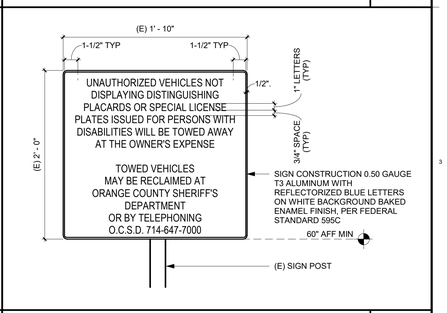
1/2" = 1'-0"



NOTES:
1. ALL CONC SHALL HAVE A MIN STRENGTH OF 3,250 PSI
2. ALL CONC SHALL BE ASTM C-150 TYPE II PORTLAND CEMENT
3. ALL CONC SHALL BE 1" MAX COARSE AGGREGATE SIZE CONFORMING TO GRADING 'C' OF THE SPPWC SECTION 201-1.3.2(A)

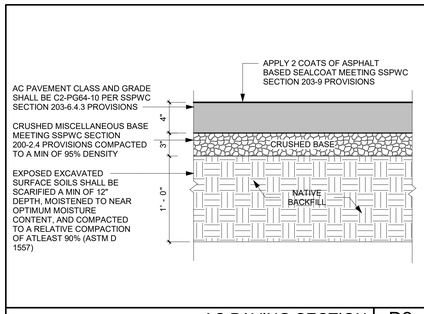
EXTERIOR CONC PAVING SECTION — B3

1 1/2" = 1'-0"



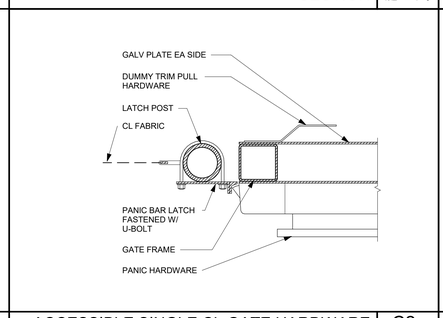
(E) TOW AWAY SIGNAGE — A3

1 1/2" = 1'-0"



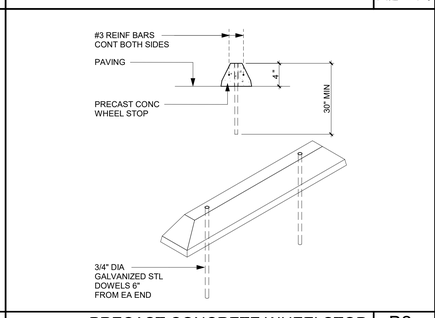
AC PAVING SECTION — D2

1 1/2" = 1'-0"



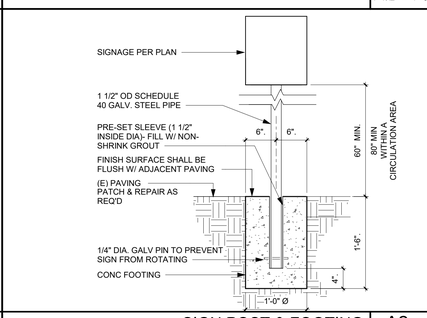
ACCESSIBLE SINGLE CL GATE HARDWARE — C2

3" = 1'-0"



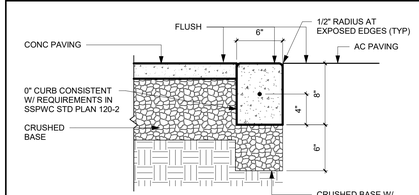
PRECAST CONCRETE WHEELSTOP — B2

3/4" = 1'-0"



SIGN POST & FOOTING — A2

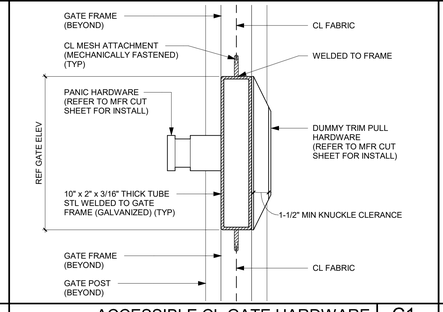
3" = 1'-0"



NOTES:
1. CONTROL JOINTS SHALL BE PLACED IN CURBING AT REGULAR INTERVALS NOT LESS THAN 10' OR GREATER THAN 20' APART. JOINST SHALL BE 2" MIN DEPTH IN CURBING. EXPANSION JOINTS SHALL BE PLACED AT ALL CURB RETURNS AND JOINTS WITHIN EXISTING CURBS
2. A 6" THICK LAYER OF CRUSHED AGGREGATE BASE SHALL BE PLACED UNDER ALL 0" CURBS W/ A MINIMUM COMPACTION OF 90% ON SUBGRADE.

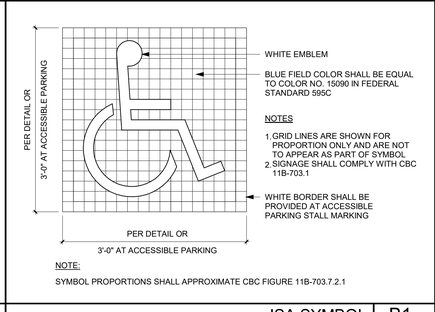
0" CONC CURB — D1

1 1/2" = 1'-0"



ACCESSIBLE CL GATE HARDWARE ATTACHMENT DETAIL — C1

3" = 1'-0"



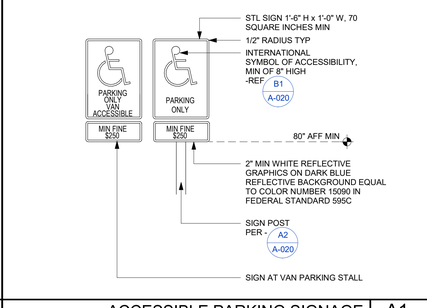
NOTES

1. GRID LINES ARE SHOWN FOR PROPORTION ONLY AND ARE NOT TO APPEAR AS PART OF SYMBOL
2. SIGNAGE SHALL COMPLY WITH CBC 11B-703.1

NOTE:
SYMBOL PROPORTIONS SHALL APPROXIMATE CBC FIGURE 11B-703.7.2.1

ISA SYMBOL — B1

1/8" = 1'-0"



ACCESSIBLE PARKING SIGNAGE — A1

3" = 1'-0"

AGENCY APPROVAL

IDENTIFICATION STAMP
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SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
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PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

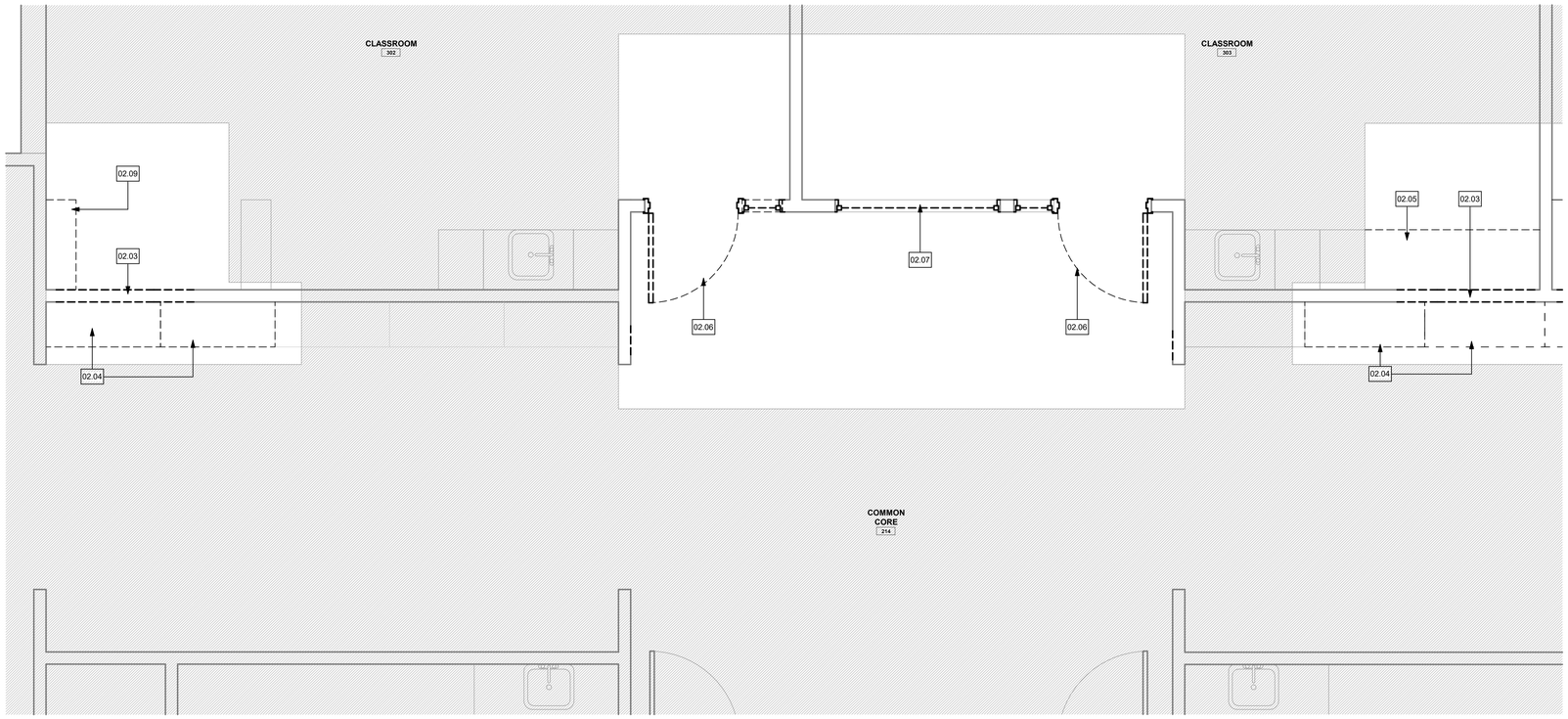
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT JASON A. CONTI NO. C-32178 EXP. 07-31-07 STATE OF CALIFORNIA

TITLE
MISC. SITE DETAILS

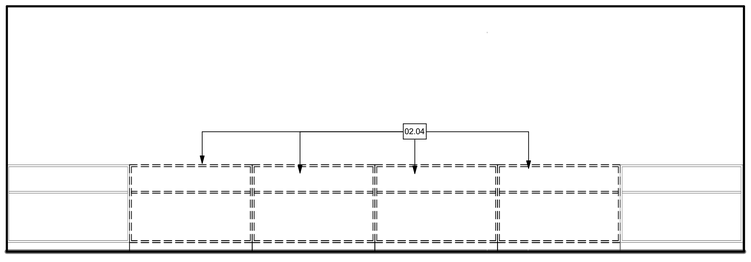
SHEET #
A-020



CLASSROOM 302 & 303 DEMO PLAN

1/2" = 1'-0"

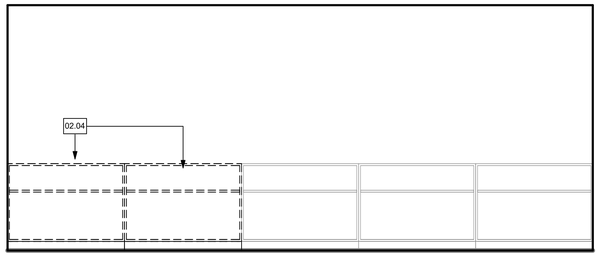
B3



BACKPACK STORAGE DEMO B

1/2" = 1'-0"

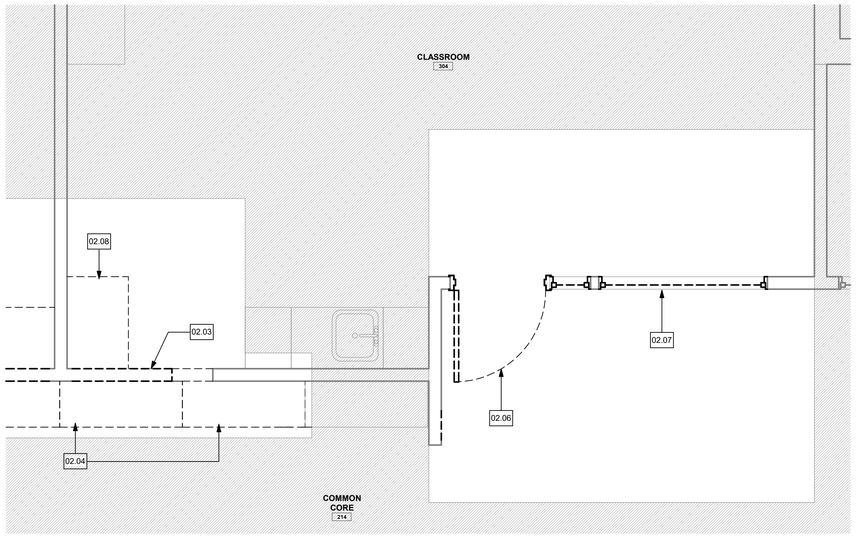
D2



BACKPACK STORAGE DEMO A

1/2" = 1'-0"

D1



CLASSROOM 304 DEMO PLAN

1/2" = 1'-0"

B1

DEMOLITION FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA NOT IN SCOPE OF WORK
	(E) ITEMS
	(E) PARTITION WALL
	DEMO ITEMS PER PLAN

DEMOLITION FLOOR PLAN NOTES

1. REFER TO GENERAL DEMOLITION NOTES ON SHEET G-000.
2. ENTIRE EXTERIOR MASONRY WALL ENVELOPE ALONG WITH ASSOCIATED STRUCTURAL FOUNDATIONS SHALL BE PROTECTED IN PLACE UNO.
3. EXTENT OF EXISTING CONC SLAB DEMOLITION MUST ONLY LIMIT TO AS REQUIRED FOR NEW PLUMBING SEWER CONNECTION.
4. REFERENCE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ANY CONCRETE SLAB CORING LOCATIONS. EXISTING REBAR SHALL NOT BE AFFECTED, SCANNING SLAB IS REQUIRED PRIOR TO ANY CORING
5. CONCRETE SUB-FLOOR TO BE CLEANED, PATCHED AND REPAIRED TO EXTENT NECESSARY TO MAKE LEVEL AND RECEIVE NEW FLOOR FINISHES. EXISTING FLOOR PENETRATIONS SHALL BE UNFILLED PER THE FOLLOWING:
6. ALL WALL FRAMING WITHIN EXISTING WALLS THAT ARE INDICATED TO REMAIN MUST BE PROTECTED FROM ANY DAMAGE UNO.
7. REFERENCE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ENTIRE EXTENT OF DEMOLITION REQUIRED IN THE SCOPE OF WORK AREA.
8. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING STORAGE ITEMS, EQUIPMENTS, ACCESSORIES & ASSOCIATED INFRASTRUCTURE WITHIN THE SCOPE OF WORK AREA UNO. ANY DISPLACED EQUIPMENT/ ACCESSORY DUE TO NEW WORK MUST BE RETURNED TO THE OWNER.

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

5

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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KEYNOTE LEGEND

NUMBER	PROVIDE WORK / ITEM
02.03	DEMO PORTION OF NON-STRUCTURAL FRAMED WALL AS REQ'D FOR NEW WORK
02.04	DEMO (E) BACKPACK STORAGE CABINET
02.05	RELOCATE FULL HEIGHT CABINET PER ENLARGED REMODEL PLANS
02.06	DEMO DOOR AND WINDOW
02.07	DEMO WINDOW
02.08	RELOCATE CHANGING TABLE PER ENLARGED REMODEL PLANS
02.09	RELOCATE SHELVES PER ENLARGED REMODEL PLANS

4

3

PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

2

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

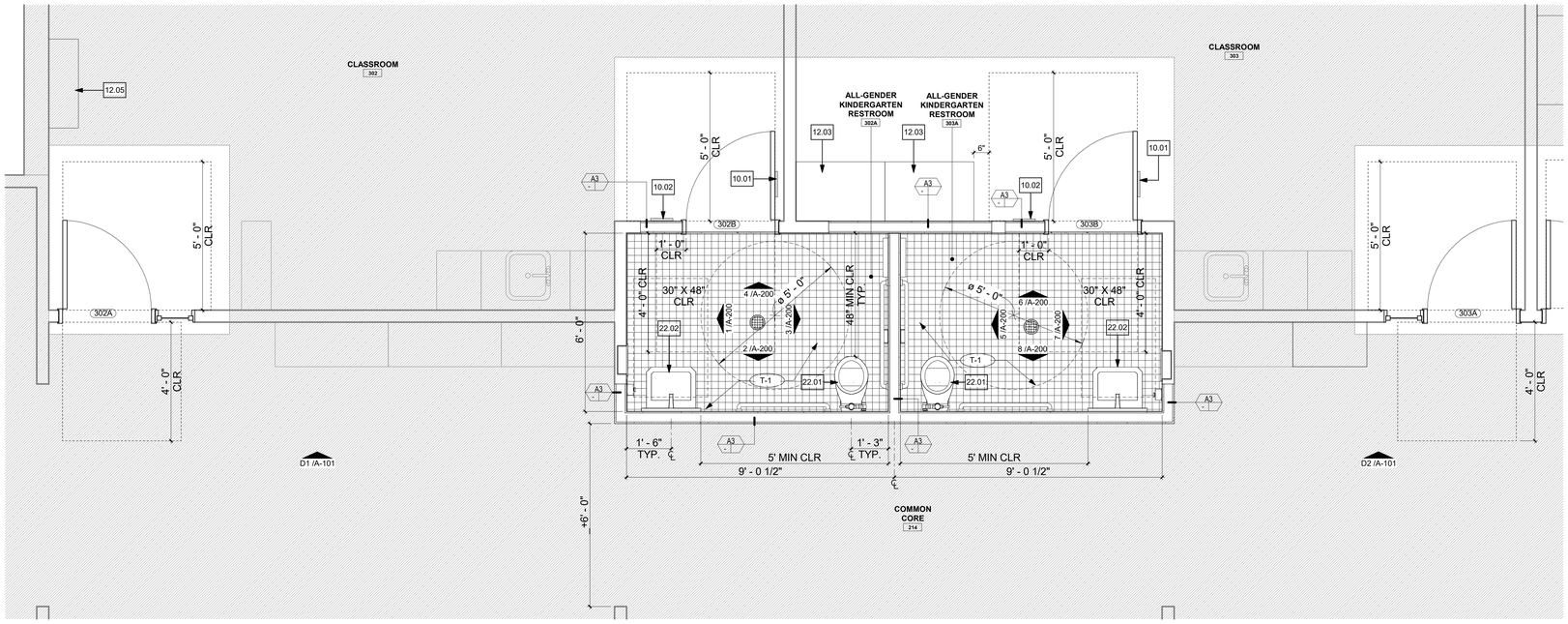
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LICENSED ARCHITECT
JASON A. CONTI
NO. C-32178
REN. 07-31-27
STATE OF CALIFORNIA

TITLE
ENLARGED DEMO FLOOR PLANS

SHEET #
A-100

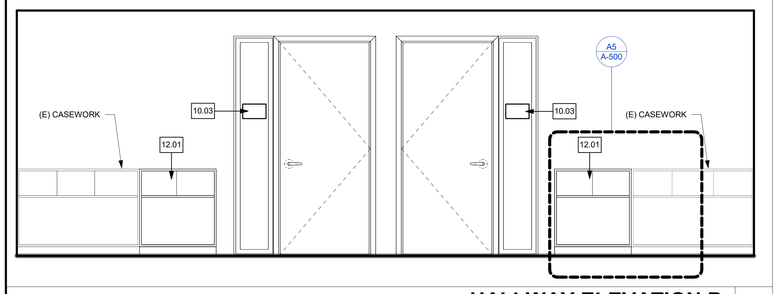
E D C B A



CLASSROOM 302 & 303 REMODEL PLAN

(AGE GROUP 5-8) 1/2" = 1'-0"

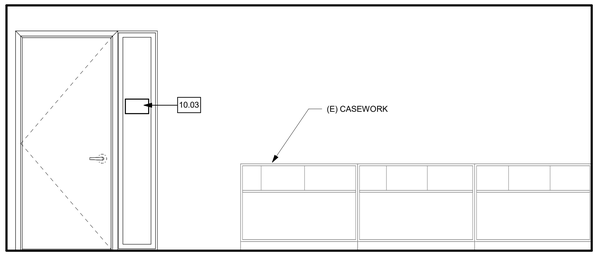
B3



HALLWAY ELEVATION B

1/2" = 1'-0"

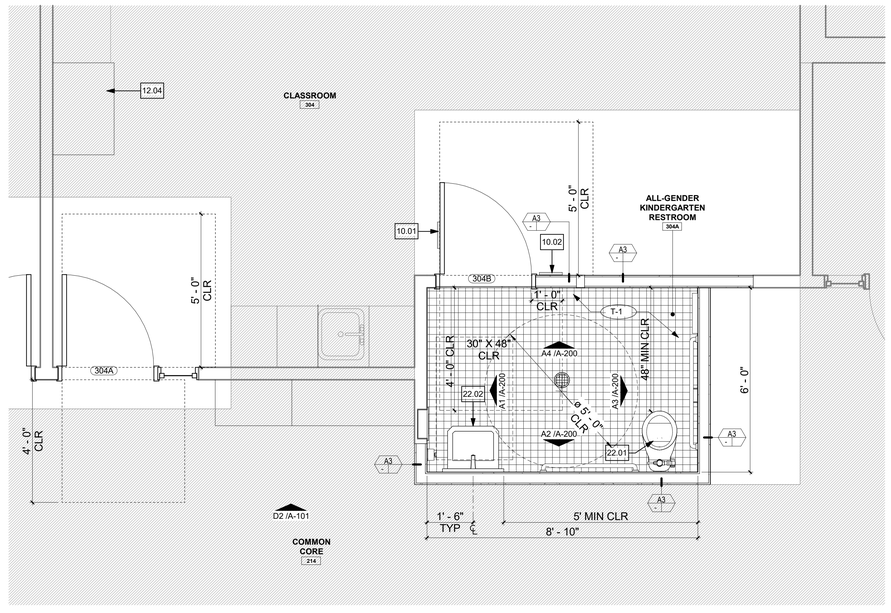
D2



HALLWAY ELEVATION A

1/2" = 1'-0"

D1



CLASSROOM 304 REMODEL PLAN

(AGE GROUP 5-8) 1/2" = 1'-0"

B1

REMODEL FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION	DETAIL
	AREA NOT IN SCOPE OF WORK	
	(E) ITEMS	
	(N) ITEMS	
	(E) PARTITION WALL	
	(N) FULL HEIGHT PARTITION / WALL (FLOOR TO BOTTOM OF (E) STRUCTURE ABOVE U.N.O.)	A1 / A-400
	ACCESSIBLE CLEARANCES (MINIMUM REQUIRED)	
###X	DOOR TAG	A1 / A-500
XX-#	INTERIOR FINISH KEYNOTE	C2 / A-200
XX	KEYNOTE	

REMODEL FLOOR PLAN NOTES

1. ALL DIMENSIONS SHALL BE FROM FINISHED-FACE OF GYP BD UNO.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING OVERALL DIMENSIONS PRIOR TO FRAMING AND NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES.
3. CONCRETE SUB-FLOOR TO BE CLEANED, PATCHED AND REPAIRED TO EXTENT NECESSARY TO MAKE LEVEL AND RECEIVE NEW FLOOR FINISHES.
4. ALL EXISTING TACKABLE WALL SURFACES IN AREA OF WORK THAT ARE AFFECTED DUE TO REMOVAL/ DEMOLITION SCOPE SHALL BE PATCHED, REPAIRED TO MATCH (E) SPECIFICATION (REF MASTER SCHEDULE). REMOVE & REINSTALL WALL PANELS IN WHOLE AT SEAMS, IF REQUIRED TO ACCOMMODATE NEW WORK.
5. ANY EXISTING GYP BD WALLS IN AREA OF WORK THAT ARE AFFECTED DUE TO REMOVAL/ DEMOLITION SCOPE SHALL BE PATCHED, REPAIRED, FINISHED, AND PAINTED TO A LEVEL 4 FINISH.
6. CONTRACTOR SHALL INSTALL BACKING FOR WALL-MOUNTED ITEMS INCLUDING GRAB BARS - REF B2 / A-400
7. DOOR OPENING FRAMING -REF D1 / A-400

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KEYNOTE LEGEND

NUMBER	PROVIDE WORK / ITEM
10.01	ALL GENDER RESTROOM DOOR SIGNAGE (B4/A-500)
10.02	ALL GENDER RESTROOM SIGNAGE (B3/A-500)
10.03	CLASSROOM SIGNAGE (B5/A-500)
12.01	(N) BACKPACK STORAGE CABINET
12.03	(E) 3'x 2'x 8' RELOCATED CABINET
12.04	(E) RELOCATED CHANGING TABLE
12.05	(E) RELOCATED SHELVES
22.01	WATER CLOSET (REF PLUMB)
22.02	LAVATORY (REF PLUMB)

4

WALL TYPE NOTES

WALL STUD SIZE - RE: PARTITION DETAIL
EX=EXISTING PARTITION

WALL TYPE - RE: LEGEND BELOW

FIRE RATING IN HOURS. IF NOT RATED, A "-" WILL BE LISTED

DENOTES LEAD SHEILDING REQUIREMENTS - RE: LEAD SHEILDING NOTES BELOW.

DENOTES TYPE OF FIRE PROTECTION FEATURE PER CBC. IF NOT RATED, A "-" WILL BE LISTED

A# L#
FP

FIRE PROTECTION FEATURE TYPES:

-	INDICATES NO FIRE PROTECTION FEATURE
FW=	FIRE WALL PER CBC 706
FB =	FIRE BARRIER PER CBC 707
FP =	FIRE PARTITION PER CBC 708
SB=	SMOKE BARRIER PER CBC 709
SP=	SMOKE PARTITION PER CBC 710

PARTITION LEGEND

3 A# .....A1 / A-400

PROJECT

PYLUSD IST 1874

FAIRMONT ELEMENTARY SCHOOL KINDERGARTEN RESTROOM ADDITION

2 5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT #	- **04-125244**
DATE	**02/23/2026**
PROJECT #	**025.0170.00**

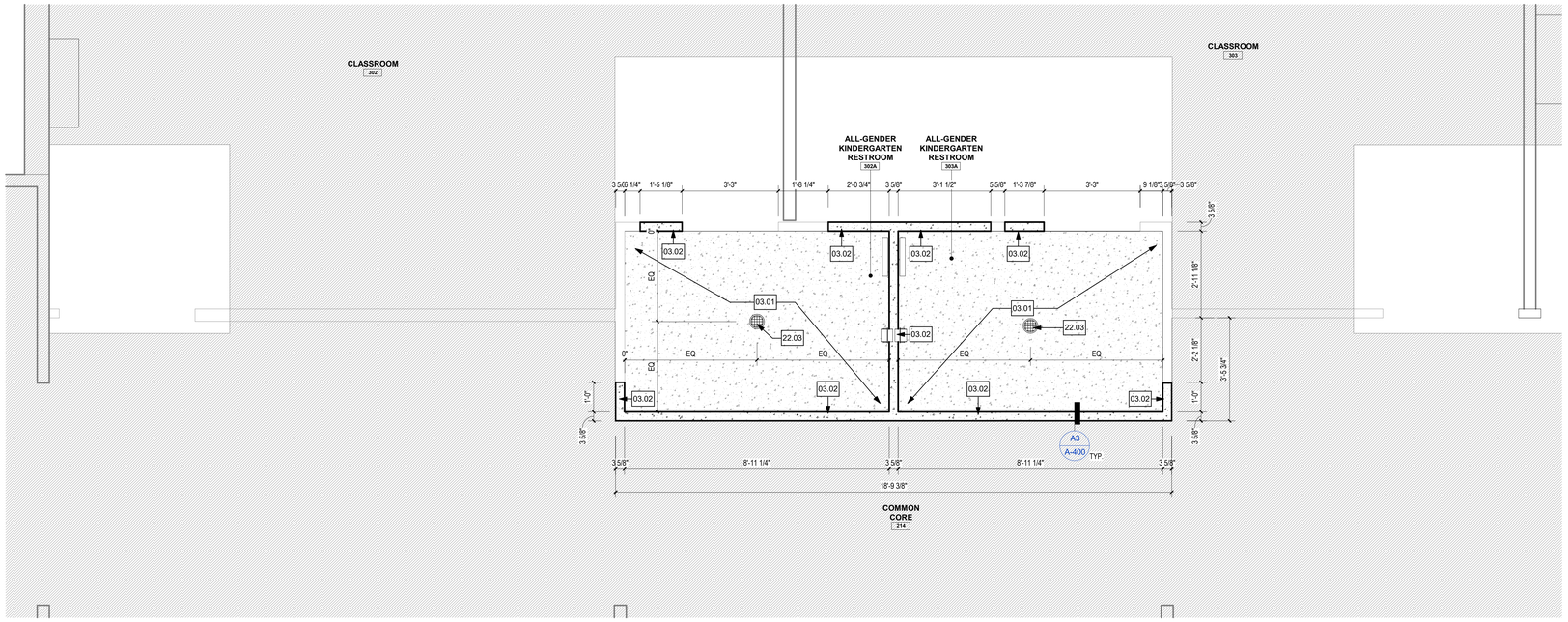
DESIGN PROFESSIONAL

1 LICENSED ARCHITECT JASON A. DONESKI NO. C-32178 REGISTERED 07-31-27 STATE OF CALIFORNIA

TITLE
ENLARGED REMODEL FLOOR PLANS

SHEET #
A-101

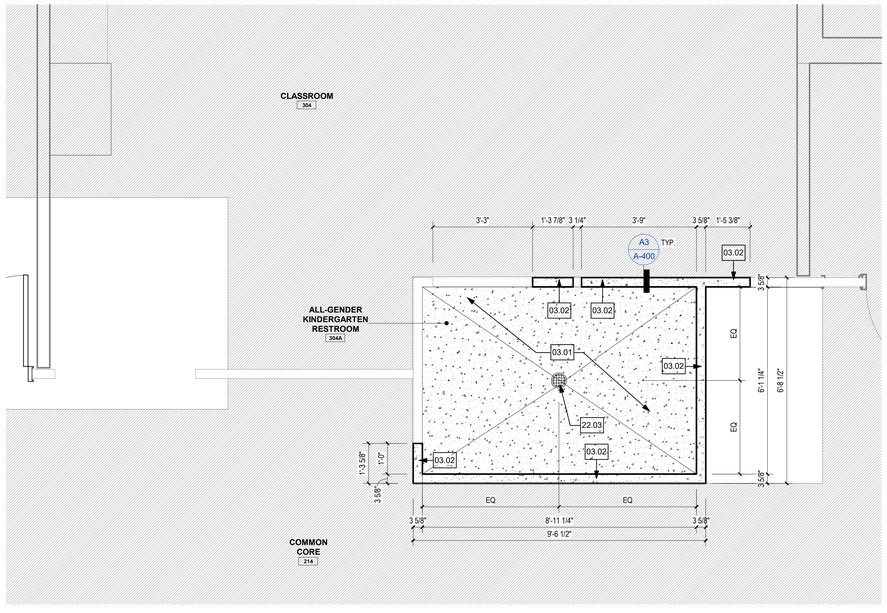
E D C B A



CLASSROOM 302 & 303 CONCRETE CURB PLAN

1/2" = 1'-0"

B3



CLASSROOM 304 CONCRETE CURB PLAN

1/2" = 1'-0"

B1

CONC CURB FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION	DETAIL
	AREA NOT IN SCOPE OF WORK	
	(E) ITEMS	
	(N) ITEMS	
	(E) PARTITION WALL	
	CONCRETE CURB	

CONC CURB FLOOR PLAN NOTES

CONTRACTOR IS RESPONSIBLE TO COORDINATE CONCRETE WALL CURB LOCATION AND LAYOUT AS REQUIRED FOR TO CONSTRUCT THE REMODEL FLOOR PLAN AND MAINTAIN REQUIRED ACCESSIBILITY CLEARANCES IN THESE DOCUMENTS.

AGENCY APPROVAL

IDENTIFICATION STAMP
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DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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KEYNOTE LEGEND

NUMBER	PROVIDE WORK / ITEM
03.01	CONC SLAB (C1/A-400) W/ TILE FINISH (D3/A-400) - SLOPE TO FLOOR DRAIN (REF CIVIL)
03.02	CONC WALL CURB (C1/A-400 & A3/A-400)
22.03	FLOOR DRAIN (REF PLUMB)

PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

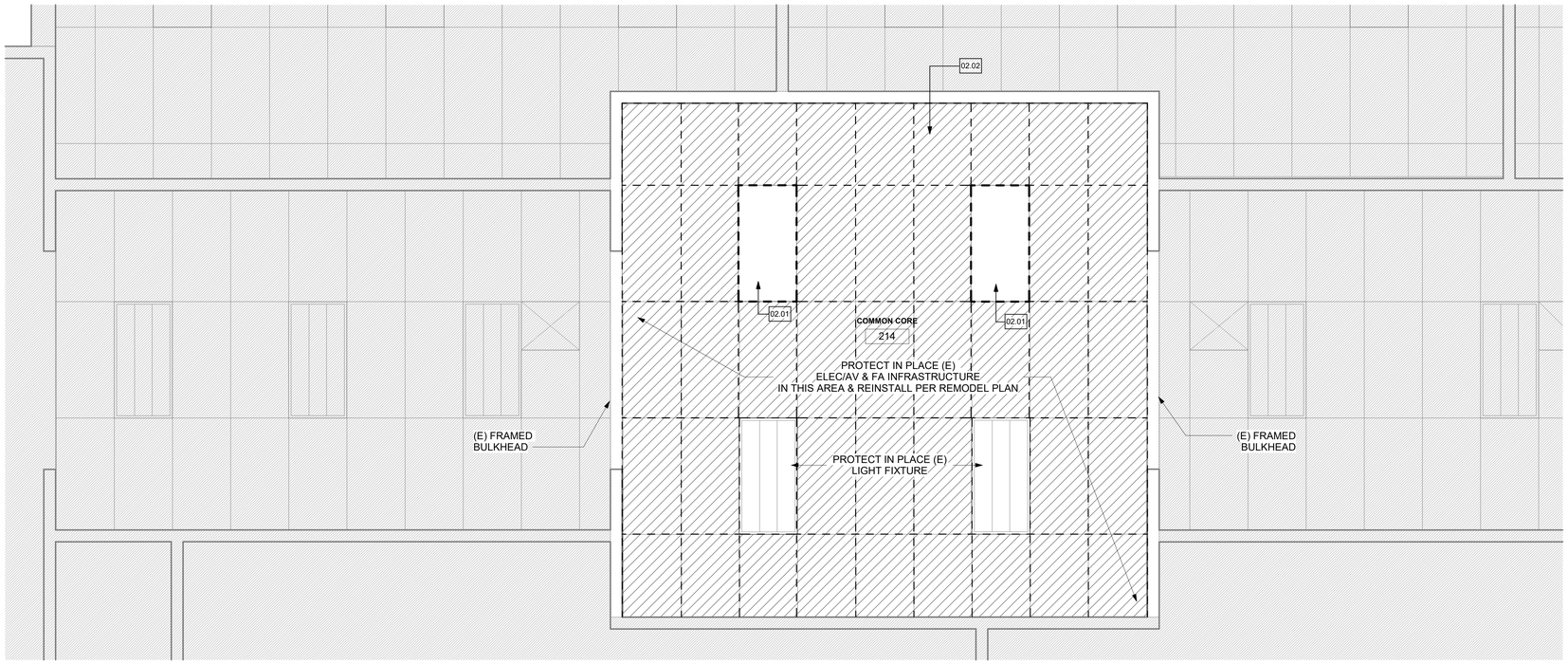
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT
JASON A. DONLEY
NO. C-32178
EXP. 07-31-27
STATE OF CALIFORNIA

TITLE
ENLARGED CONCRETE CURB FLOOR PLANS

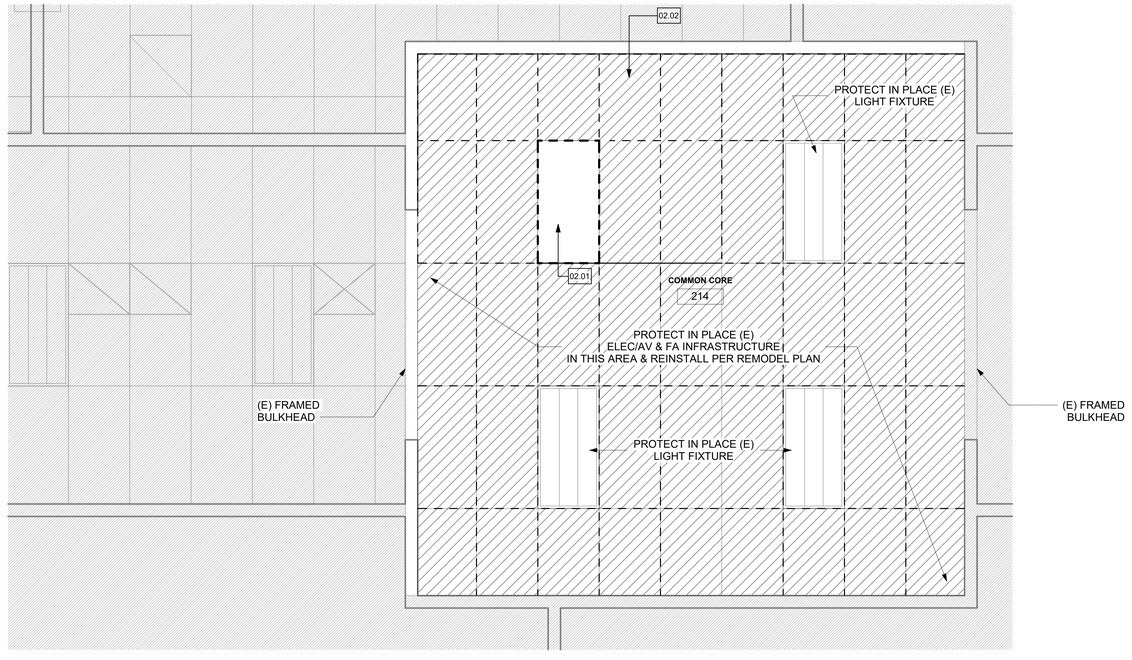
SHEET #
A-102



CLASSROOM 302 &303 DEMOLITION REFLECTED CEILING PLAN

1/2" = 1'-0"

B3



CLASSROOM 304 DEMOLITION REFLECTED CEILING PLAN

1/2" = 1'-0"

B1

DEMOLITION CEILING PLAN LEGEND

SYMBOL	DESCRIPTION	DETAIL
	AREA NOT IN SCOPE OF WORK	
	(E) ITEM	
	DEMOLISH ITEM PER PLAN	
	(E) 2X4 CEILING GRID TO REMAIN	
	DEMO 2X4 CEILING GRID TO EXTENT NOTED PER PLAN	
	(E) HVAC DIFFUSERS	
	(E) LIGHT FIXTURE	

REFLECTED CEILING PLAN NOTES

1. REFERENCE MECHANICAL & ELECTRICAL DRAWINGS FOR ENTIRE EXTENT OF DEMO/ REMOVAL SCOPE OF EXISTING CEILINGS IN SCOPE OF WORK AND ADJACENT AREAS.
2. ALL EXISTING CEILING TILES, GRID, MOUNTED/ RECESSED EQUIPMENT, LIGHTING, HVAC DIFFUSERS/ GRILLES AND MISC. ELEC/ AV/ FA INFRASTRUCTURE SHALL BE PROTECTED UNLESS SPECIFICALLY INDICATED OTHERWISE
3. CONTRACTOR SHALL COORDINATE ALL LIGHTING,ASSOCIATED CONTROLS & THEIR LOCATIONS WITH ELECTRICAL. ALL FIXTURES SHOWN ARE FOR QUANTITY AND LOCATION ONLY. REFER TO ENGINEERING DRAWINGS FOR TECHNICAL INFORMATION.
4. CONTRACTOR SHALL COORDINATE ALL ABOVE CEILING UTILITY ROUTES WITH ALL TRADES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES / CLEARANCE HEIGHT ISSUES.
5. PATCH & REPAIR (W) CEILING AS REQUIRED MATCH ITS CONDITION PRIOR TO DEMO WORK.

AGENCY APPROVAL

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KEYNOTE LEGEND

NUMBER	PROVIDE WORK / ITEM
02.01	DEMO LIGHT FIXTURE
02.02	DEMO 2X4 CEILING GRID

PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

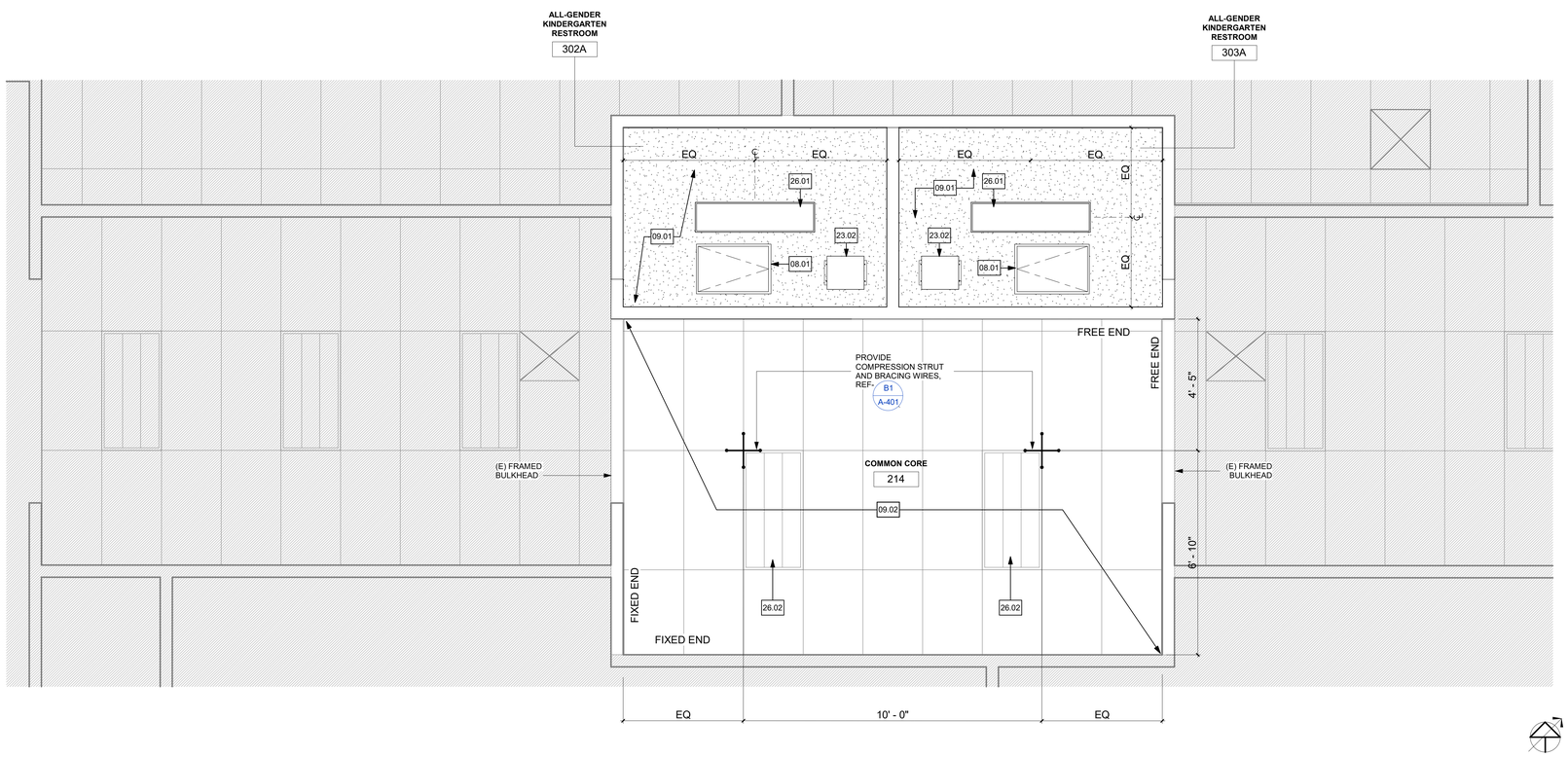
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT
JASON A. DONTJE
NO. C-32178
REGISTERED 07-31-27
STATE OF CALIFORNIA

TITLE
ENLARGED DEMOLITION REFLECTED CEILING PLANS

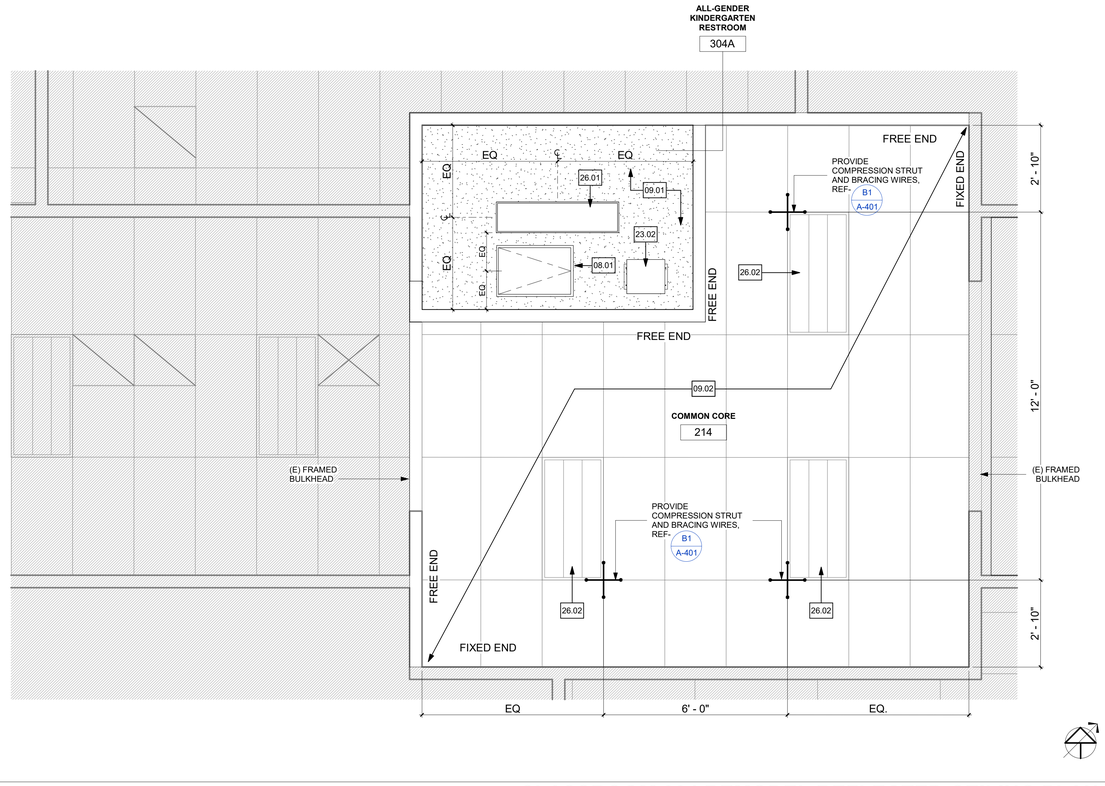
SHEET #
A-110



CLASSROOM 302 & 303 REMODEL REFLECTED CEILING PLAN

1/2" = 1'-0"

B3



CLASSROOM 304 REMODEL REFLECTED CEILING PLAN

1/2" = 1'-0"

B1

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION	DETAIL
	AREA NOT IN SCOPE OF WORK	
	(N) FRAMED GYP BD CEILING PER KEYNOTE	REF RCP
	(E) 2x4 CEILING GRID	
	(E) ITEM	
	(N) ITEM	
	(E) HVAC DIFFUSERS	
	(E) LIGHT FIXTURE	
	(N) LIGHT FIXTURES	REF ELEC
	(N) SUSPENSION AND LATERAL BRACE CEILING ASSEMBLY	B1 / A-401
	(N) CEILING ACCESS	C4 / A-400

REFLECTED CEILING PLAN NOTES

1. REFERENCE MECHANICAL & ELECTRICAL DRAWINGS FOR ENTIRE EXTENT OF DEMO/ REMOVAL SCOPE OF EXISTING CEILINGS IN SCOPE OF WORK AND ADJACENT AREAS.
2. ALL EXISTING CEILING TILES, GRID, MOUNTED/ RECESSED EQUIPMENT, LIGHTING, HVAC DIFFUSERS/ GRILLES AND MISC. ELEC/ AV/ FA INFRASTRUCTURE SHALL BE PROTECTED UNLESS SPECIFICALLY INDICATED OTHERWISE
3. CONTRACTOR SHALL COORDINATE ALL LIGHTING,ASSOCIATED CONTROLS & THEIR LOCATIONS WITH ELECTRICAL. ALL FIXTURES SHOWN ARE FOR QUANTITY AND LOCATION ONLY. REFER TO ENGINEERING DRAWINGS FOR TECHNICAL INFORMATION.
4. CONTRACTOR SHALL COORDINATE ALL ABOVE CEILING UTILITY ROUTES WITH ALL TRADES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES / CLEARANCE HEIGHT ISSUES.
5. PATCH & REPAIR (W) CEILING AS REQUIRED MATCH ITS CONDITION PRIOR TO DEMO WORK.

AGENCY APPROVAL

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KEYNOTE LEGEND

NUMBER	PROVIDE WORK / ITEM
08.01	20" X 30" CLG ACCESS PANEL (C4/A-400)
09.01	GYP BD CEILING O/ WD CLG JOISTS (B3/A-400)
09.02	ACOUSTICAL SUSPENDED T-BAR CEILING (A1/A-401, A5/A-401, & B1/A-401).
23.02	EXHAUST FAN (REF MECH)
26.01	SURFACE-MOUNTED LIGHT FIXTURE (REF ELEC)
26.02	REINSTALL LIGHT FIXTURE (B2/A-401)

PROJECT

PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

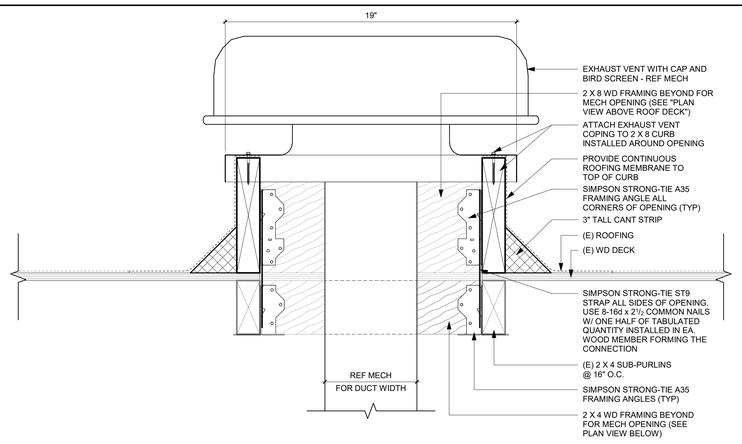
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

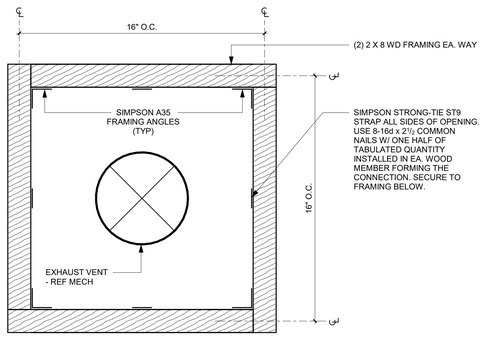
LICENSED ARCHITECT JASON A. DONTJE NO. C-32176 EXP. 07-31-27 STATE OF CALIFORNIA

TITLE
ENLARGED REMODEL REFLECTED CEILING PLANS

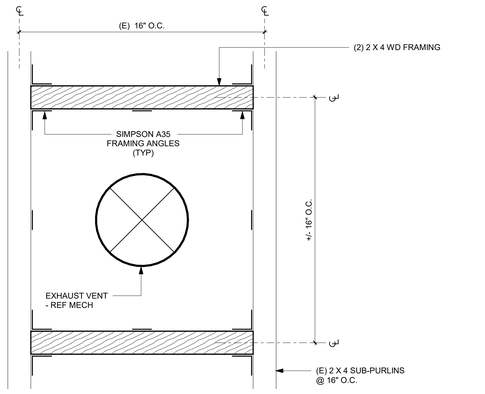
SHEET #
A-111



SECTION VIEW

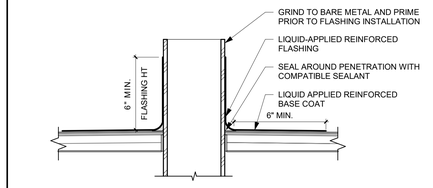


PLAN VIEW ABOVE ROOF DECK

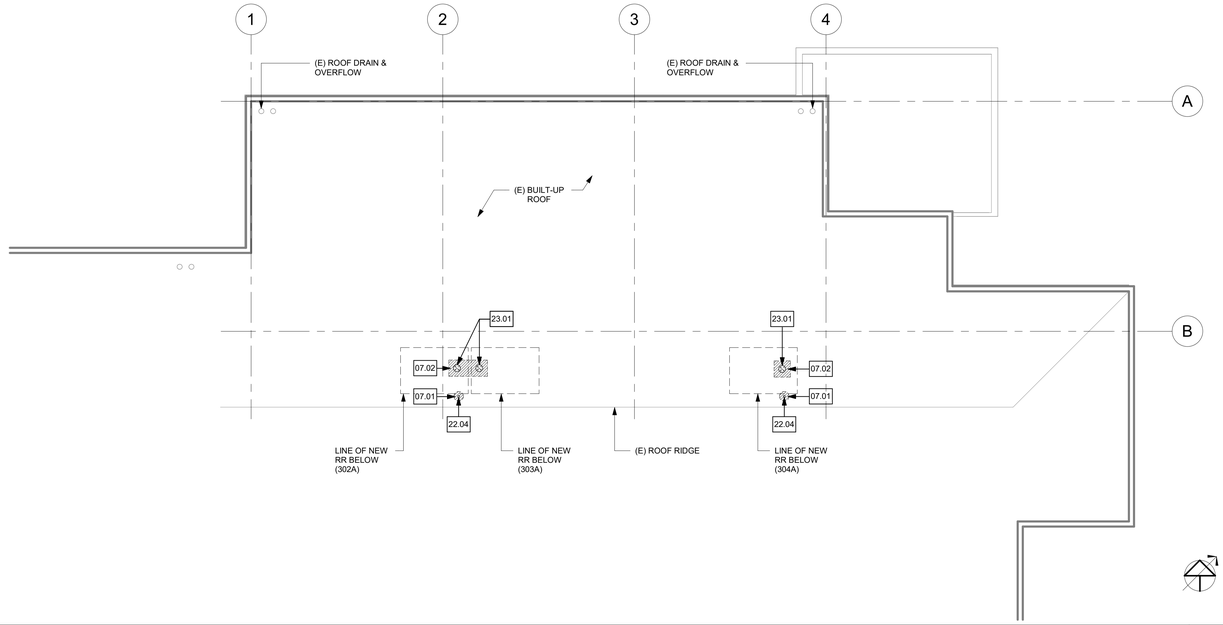


PLAN VIEW BELOW ROOF DECK

ROOFTOP EXHAUST SECTION	D1
	3" = 1'-0"



PIPE / VENT PENETRATION	A3
	3" = 1'-0"



PARTIAL ROOF PLAN	A1
	1/8" = 1'-0"

AGENCY APPROVAL

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KEYNOTE LEGEND

NUMBER	PROVIDE WORK / ITEM
07.01	SANITARY VENT PENETRATION DETAILING (A3/A-120).
07.02	ROOFTOP EXHAUST PENETRATION DETAILING INCLUDING FRAMING FOR OPENING (D1/A-120).
22.04	SANITARY VENT (REF PLUMB)
23.01	ROOFTOP EXHAUST (REF MECH)

PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**
DATE **02/23/2026**
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT JASON A. DONTJE NO. C-32176 REN. 07-31-27 STATE OF CALIFORNIA

TITLE
PARTIAL ROOF PLAN & DETAILS

SHEET #
A-120

BASIS OF DESIGN NOTE:
MANUFACTURERS AND PRODUCTS LISTED IN MASTER SCHEDULE REPRESENT THE BASIS OF DESIGN ITEMS USED TO CONVEY ATTRIBUTES AND CHARACTERISTICS TO ESTABLISH PRODUCT REQUIREMENTS.

9 DIVISION 9 FINISHES

09 30 13 TILE / FLOORING ACCESSORIES

T-1	Manufacturer	Daltile
	Product Name	Floor Tile
	Dimension	4" Square
	Color	To Be Determined from Mfr's Standard Color Options
WB-1	Manufacturer	Daltile
	Product Name	Tile Cove Base
	Height	4"
	Color	To Be Determined from Mfr's Standard Color Options

09 72 16.13 FELXIBLE VINYL WALL COVERING

WP-1	Manufacturer	Koroseal
	Product Name	Koroguard Wall Protection
	Product Number	Standard Colors
	Thickness	0.04"
	Color	To Be Determined from Mfr's Standard Color Options
	Moldings	Mfr's Standard Plastic, To Be Selected from Sandard Color Options

09 91 00 PAINT

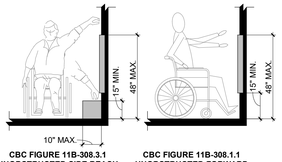
PT-1	Manufacture/Color No.	Vista
	Sheen	Eggshell
	Gypsum Level	Level 4
	Remarks	Interior Ceiling Paint
	Color	To Be Determined from Mfr's Standard Colors
PT-2	Manufacture/Color No.	Vista
	Sheen	Semi-Gloss
	Remarks	Door & Door Frame Paint
	Color	Match Existing Building Door & Door Frames Paint
PT-3	Manufacture/Color No.	Vista
	Sheen	Eggshell
	Remarks	Exterior Wall Plaster Paint
	Color	Match Existing Building Plaster Color
PT-4	Manufacture/Color No.	Vista
	Sheen	Eggshell
	Remarks	Exterior Soffit Plaster Paint
	Color	Match Existing Building Soffit Color

10 DIVISION 10 SPECIALTIES

10 21 13 TOILET COMPARTMENTS

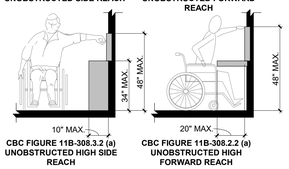
TC-1	Manufacturer	Bobrick
	Product	Duraline 1182.67
	Enclosure Style	Ceiling-Hung

MASTER SCHEDULE | C2 | 12" = 1'-0"



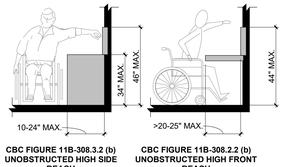
CBC FIGURE 11B-308.3.1 UNOBSTRUCTED SIDE REACH

CBC FIGURE 11B-308.1.1 UNOBSTRUCTED FORWARD REACH



CBC FIGURE 11B-308.3.2 (a) UNOBSTRUCTED HIGH SIDE REACH

CBC FIGURE 11B-308.2.2 (a) UNOBSTRUCTED HIGH FORWARD REACH

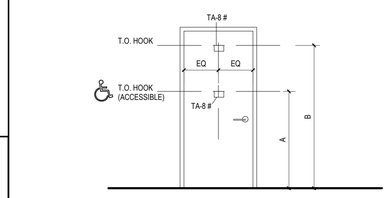


CBC FIGURE 11B-308.3.2 (b) UNOBSTRUCTED HIGH SIDE REACH

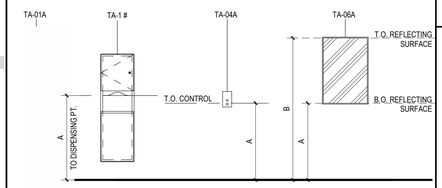
CBC FIGURE 11B-308.2.2 (b) UNOBSTRUCTED HIGH FRONT REACH

1. ALL OUTLETS (POWER / DATA) AND T-STATS TO BE MOUNTED TO MEET SIDE APPROACH CLEARANCES. REFER TO MPET DOCUMENTS FOR ADDITIONAL REQUIREMENTS.
2. ALL PLUMBING CONTROLS SHALL MEET FRONT APPROACH WHEN FIXTURES ARE DESIGNED FOR FRONT APPROACH.
3. ALL TOILET ACCESSORIES SHALL MEET SIDE APPROACH REQUIREMENTS WHEN ACCESSIBLE FROM SIDE AND FRONT APPROACH WHEN ACCESSIBLE FROM FRONT.

ACCESSIBLE REACH DIAGRAM | B3 | 3/8" = 1'-0"



COAT HOOK WALL/ DOOR MOUNTED
A= 40" MIN - 48" MAX
B= 66" MAX

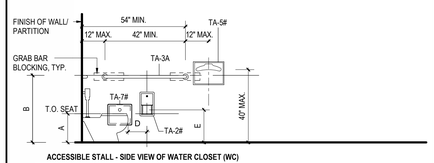


PAPER TOWEL DISPENSER
A = 40" MAX

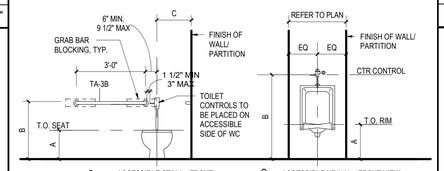
PAPER TOWEL DISPENSER AND WASTE RECEPTACLE
A = 40" MAX

SOAP DISPENSER WALL MOUNTED
A = 40" MAX

MIRROR
(MOUNTED ABOVE LAV)
A= 35" MAX W/O LAV OR CABINET BELOW
A= 40" MAX W/ LAV OR CABINET BELOW
B= 78" MIN



ACCESSIBLE STALL - SIDE VIEW OF WATER CLOSET (WC)



ACCESSIBLE STALL - FRONT VIEW OF WATER CLOSET (WC) (ALTERNATE PER EXCEPTION 2 ON 11B-604.5.2)

NOTE: THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2". THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2" MIN. SPACE BETWEEN GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12" MIN.

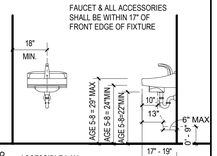
ACCESSIBLE URINAL - FRONT VIEW

	AGE 5-8
A=	17" MAX	15" MAX
B=	40" MAX (18" - 40")	40" MAX

URINAL GENERAL NOTE: CLEAR FLOOR SPACE (URINAL) - MAINTAIN 30" X 48" CLEAR FLOOR SPACE. IF ALCOVE IS DEEPER THAN 24" PROVIDE ADDITIONAL MANEUVERING CLEAR FLOOR SPACE OF 36" X 48"

WATER CLOSET CLEARANCES

	AGES 5 - 8
A= WC SEAT HT.	**12" MIN - 15" MAX**
B= TOP OF GRAB BARS	**20" MIN - 25" MAX**
C= CENTER OF WC - WALL	**12" MIN - 15" MAX**
D= TP DISPENSER FROM WC	**7" MIN - 9" MAX**
E= TP FROM FLOOR	**14" MIN - 17" MAX**
F= TOP OF FLUSH CONTROLS	**36" MAX**



LAV GENERAL NOTE: DRAIN AND HOT AND COLD (11B-606.5) WATER PIPING SHALL BE INSULATED AND THERE SHALL BE NO SHARP OR ABRASIVE ELEMENTS UNDER LAVATORY.

ACCESSIBLE LAV FRONT VIEW

(E) ACCESSIBLE LAV SIDE VIEW

FIXTURE AND ACCESSORY MOUNTING HEIGHTS. | B1 | 3/8" = 1'-0"

TOILET ACCESSORY SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	MOUNTING DETAIL	PROCUREMENT	COMMENTS
TA-01A	RECESSED TOWEL DISPENSER AND WASTE RECEPTACLE	BOBRICK	B-36903	B1/A-200	CFCI	
TA-02A	TOLIET PAPER DISPENSER	BOBRICK	B-6697	B1/A-200	<varies>	
TA-03A	GRAB BAR - 42 INCH	BOBRICK	B-6806-42	-	CFCI	FOR GRAB BAR MOUNTING, REF NOTE BELOW
TA-03B	GRAB BAR - 36 INCH	BOBRICK	B-6806-36	-	CFCI	FOR GRAB BAR MOUNTING, REF NOTE BELOW
TA-04A	SURFACE-MOUNTED SOAP DISPENSER	BOBRICK	B-2111	B1/A-200	CFCI	
TA-05A	TOILET SEAT COVER DISPENSER	BOBRICK	B-221	B1/A-200	<varies>	
TA-06A	GLASS MIRROR	BOBRICK	B-2908	B1/A-200	CFCI	

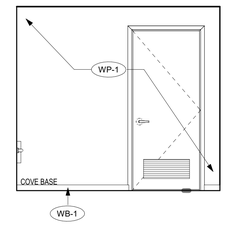
GRAB BAR MOUNTING:

@ MTL/ WOOD STUD WALL
(2) #14 X 2 1/2" SMS TYPE-304 SS (MFR PROVIDED)

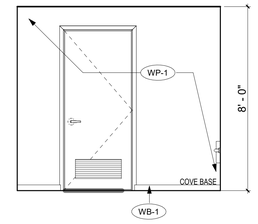
GRAB BAR GENERAL NOTE: THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2". THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2" MIN. SPACE BETWEEN GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12" MIN.

LAV GENERAL NOTE: DRAIN AND HOT AND COLD (11B-606.5) WATER PIPING SHALL BE INSULATED AND THERE SHALL BE NO SHARP OR ABRASIVE ELEMENTS UNDER LAVATORY.

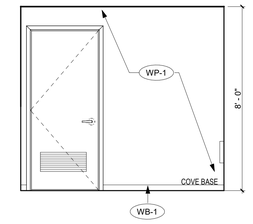
TOILET ACCESSORY SCHEDULE | A5 | 3/8" = 1'-0"



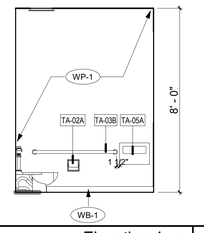
Elevation 5 - a | 6 | 3/8" = 1'-0"



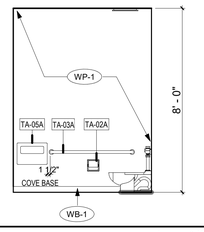
Elevation 8 - a | 4 | 3/8" = 1'-0"



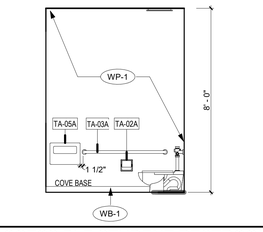
TYP. ACCESSIBLE STUDENT RESTROOM (AGE 5-8) - NORTH ELEV | A4 | 3/8" = 1'-0"



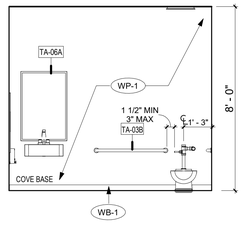
Elevation 4 - a | 5 | 3/8" = 1'-0"



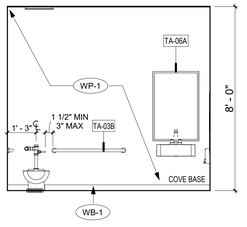
Elevation 10 - a | 3 | 3/8" = 1'-0"



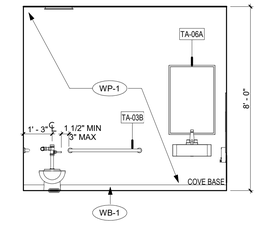
TYP. ACCESSIBLE STUDENT RESTROOM (AGE 5-8) - EAST ELEV | A3 | 3/8" = 1'-0"



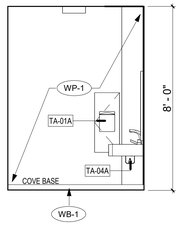
Elevation 7 - a | 8 | 3/8" = 1'-0"



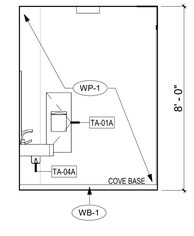
Elevation 9 - a | 2 | 3/8" = 1'-0"



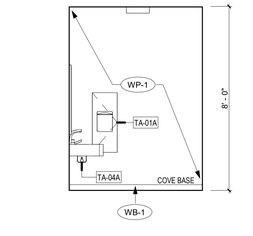
TYP. ACCESSIBLE STUDENT RESTROOM (AGE 5-8)- SOUTH ELEV | A2 | 3/8" = 1'-0"



Elevation 6 - a | 7 | 3/8" = 1'-0"



Elevation 11 - a | 1 | 3/8" = 1'-0"



TYP. ACCESSIBLE STUDENT RESTROOM (AGE 5-8) - WEST ELEV | A1 | 3/8" = 1'-0"

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

These drawings have been prepared as one coordinated set of drawings and are complimentary. What is required by one drawing is required by all of the drawings, even if a detail or component part is not identified on every sheet. Any user's reliance on a single or select few sheet(s) of the drawings without consideration for the information included in the entire set of drawings will be at the user's sole risk and shall not form the basis for a request for additional compensation or time.

INTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION	DETAIL
XX-#	INTERIOR FINISH KEYNOTE	C2 / A-200
TA-#	TOILET ACCESSORY	PER SCHEDULE A5 / A-200

INTERIOR ELEVATION NOTES

1. REFER TO SHEET A-X FOR MASTER FINISH SCHEDULE.
2. FOR MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES -REF B1 / A-200
3. FOR ACCESSIBLE REACH RANGE - REF B3 / A-200

GENERAL TOILET ACCESSORY NOTES

TOILET ACCESSORY (TA) LEGEND:

 # = SERIES
TA-1# (SERIES): PAPERTOWEL DISPENSER
TA-2# (SERIES): TOILET PAPER DISPENSER (THIS MAY INCLUDE COMBINATION TYPE FIXTURES)
TA-3A: 42" GRAB BAR
TA-3B: 36" GRAB BAR
TA-3C: 24" GRAB BAR
TA-4# (SERIES): SOAP DISPENSER
TA-5# (SERIES): TOILET SEAT COVER DISPENSER
TA-6# (SERIES): GLASS MIRROR

GENERAL TOILET ACCESSORY (TA) NOTES:

1. ACCESSORIES SHALL BE FULLY RECESSED OR SEMI-RECESSED WITH A MAX 3" PROJECTION.
2. DRAIN AND HOT WATER PIPING SHALL BE INSULATED AND THERE SHALL BE NO SHARP OR ABRASIVE ELEMENTS UNDER LAVATORY
3. PROVIDE MIN. 30" x 48" CLEAR FLOOR SPACE IN FRONT OF ACCESSORY TO ALLOW FORWARD OR PARALLEL APPROACH. HIGHEST OPERABLE PART AT MAX 3' - 4" AFF

PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

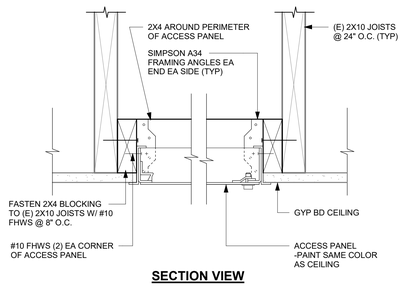
DSA PROJECT # - **04-125244**
DATE **02/23/2026**
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

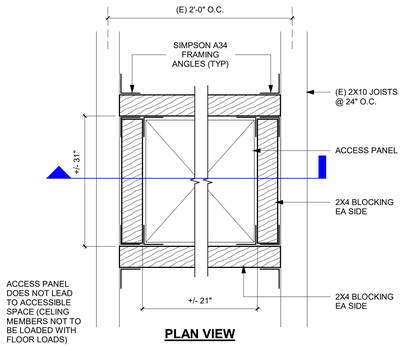
LICENSED ARCHITECT JASON A. DONTAS NO. C-32176 REN. 07-31-27 STATE OF CALIFORNIA

TITLE
ELEVATIONS, ACCESSORY & MASTER FINISH SCHEDULE

SHEET #
A-200



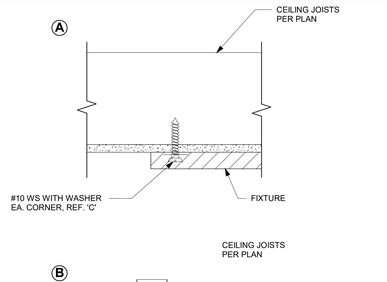
SECTION VIEW



PLAN VIEW

CEILING ACCESS PANEL @RESTROOMS — C4

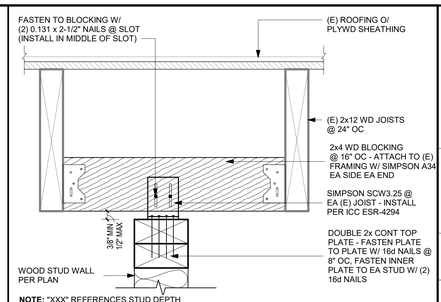
3" = 1'-0"



NOTE:
REMOVE WIREWAY COVER FROM FIXTURE HOUSING AND USE FASTENERS PER DETAILS A & B HEREIN TO MOUNT FIXTURE TO CEILING AND STRUCTURE ABOVE

LIGHT FIXTURE SUPPORT DETAIL — B4

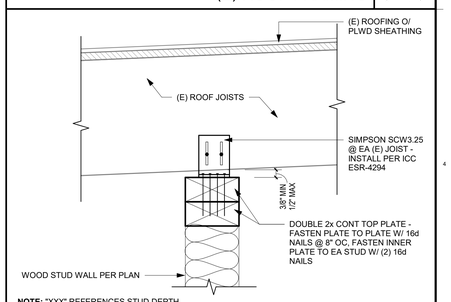
3" = 1'-0"



NOTE: "XXX" REFERENCES STUD DEPTH

TOP OF WALL ATTACHMENT - PARALLEL TO (E) ROOF FRAMING — A5

3" = 1'-0"

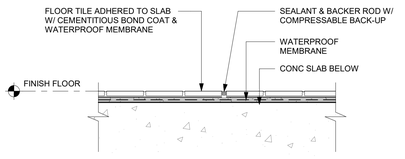


NOTE: "XXX" REFERENCES STUD DEPTH

TOP OF WALL ATTACHMENT - PERPENDICULAR TO (E) ROOF FRAMING — A4

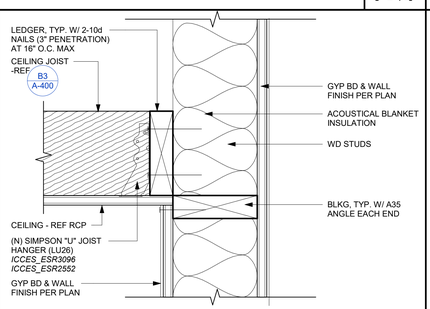
3" = 1'-0"

NOTE:
REFER TO TILE COUNCIL OF AMERICA HANDBOOK: F113-11 FOR ADDITIONAL DESIGN INFORMATION.



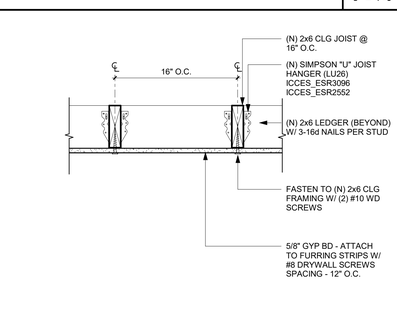
FLOOR TILE SECTION — D3

3" = 1'-0"



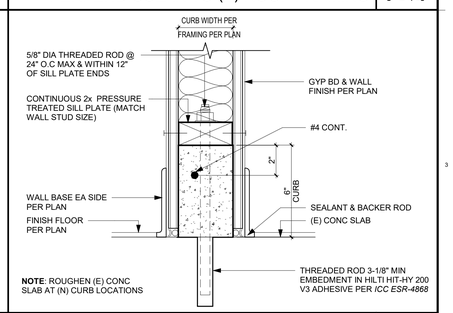
CLG JOIST TO WALL CONNECTION — C3

3" = 1'-0"



GYP BD CLG DETAIL — B3

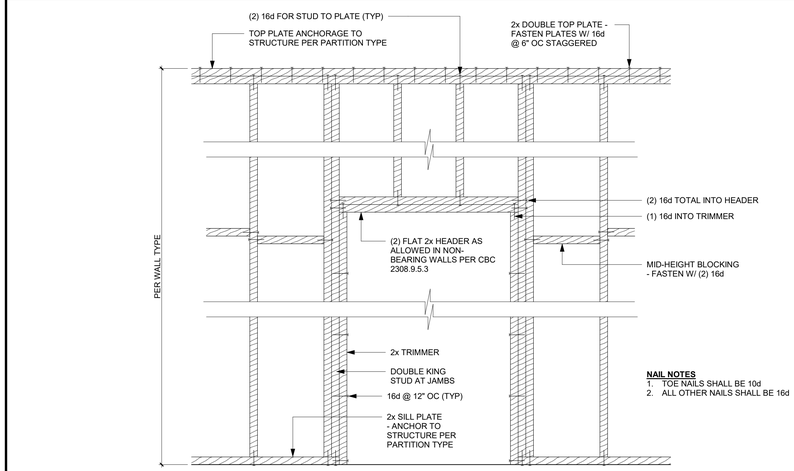
1 1/2" = 1'-0"



NOTE: ROUGHEN (E) CONC SLAB AT (N) CURB LOCATIONS

TYP. WALL BOTTOM ANCHORAGE — A3

3" = 1'-0"

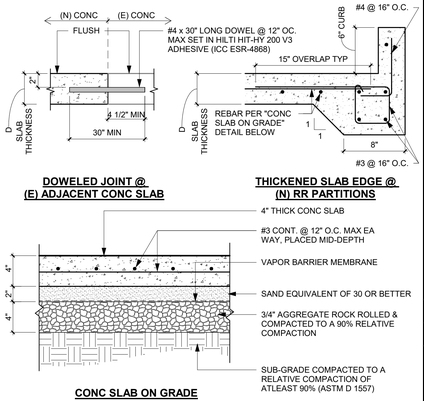


NAIL NOTES
1. TOE NAILS SHALL BE 10d
2. ALL OTHER NAILS SHALL BE 16d

WOOD & FRAMING NOTES
1. ALL SAWN LUMBER SHALL BE DOUGLAS FIR OR WESTERN LARCH.
2. GRADE MARKED BY A RECOGNIZED GRADING AGENCY (WWPA OR WCLIB). WOOD GRADES ARE TO BE AS FOLLOWS:
   A. HEADERS..... NO.1
   B. POSTS..... NO.1
   C. PLATES..... NO.2
   D. STUDS @ NON-BEARING WALLS..... NO.2
3. SILL PLATES SHALL BE PRESSURE TREATED WHERE IN CONTACT WITH CONCRETE.
4. WHERE WOOD IS IN CONTACT WITH CONCRETE OR MASONRY USE FOUNDATION REDWOOD OR DOUGLAS FIR PRESSURE TREATED FOR MOISTURE RESISTANCE.
5. CORROSION RESISTANCE BOLTS ARE REQUIRED FOR "CHEMICALLY TREATED" WOOD.
6. STUD NOTCHING: IN NON-BEARING PARTITIONS THAT DO NOT SUPPORT LOADS OTHER THAN THE WEIGHT OF THE PARTITION, A STUD SHALL NOT BE CUT OR NOTCHED IN EXCESS OF 40 PERCENT OF ITS DEPTH.
7. THE DIAMETER OF BORED HOLES IN WOOD STUDS SHALL NOT EXCEED 60 PERCENT OF THE STUD DEPTH IN NON-BEARING PARTITIONS. THE EDGE OF THE BORED HOLE SHALL NOT BE CLOSER THAN 5/8 INCH TO TEH EDGE OF THE STUD. BORED HOLES SHALL NOT BE LOCATED AT THE SAME SECTION OF STUD AS A CUT OR NOTCH.
8. ALL NAILS SHALL BE COMMON WIRE NAILS U.N.O.
9. EXCEPT WHERE TOE NAIL IS REQUIRED, NAILS SHALL BE DRIVEN PERPENDICULAR. PRE-DRILL FOR ALL NAILS 20d OR LARGER.
10. FASTENERS AND ANCHOR BOLTS INSTALLED IN CHEMICALLY OR PRESSURE TREATED LUMBERS SHALL BE CORROSION RESISTANT USING HOT-DIPPED ZINC COATED GALVANIZED OR STAINLESS STEEL PER CBC SECTION 2304.10.6

TYP NON-STRUCTURAL WD PARTITION FRAMING — D1

1" = 1'-0"



DOWELED JOINT @ (E) ADJACENT CONC SLAB

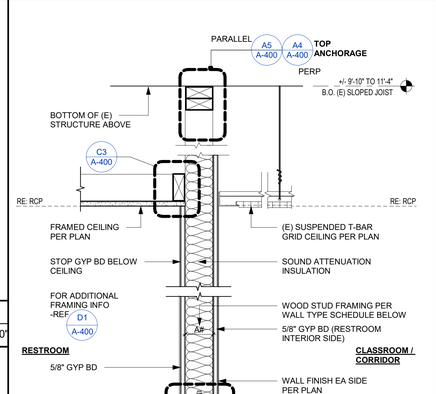
THICKENED SLAB EDGE @ (N) RR PARTITIONS

CONC SLAB ON GRADE

NOTES:
1. CONCRETE PLACEMENT AND QUALITY SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS IN ACI 318-19.
2. ALL CEMENT SHALL CONFORM TO ASTM C-150, TYPE II/V.
3. FINE AND COARSE AGGREGATE SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE. PEA GRAVEL IS NOT ACCEPTABLE UNLESS NOTED OTHERWISE.
4. ALL AGGREGATE SHRINKAGE SHALL BE IN ACCORDANCE WITH ASTM C-157 WITH AN AVERAGE DRYING SHRINKAGE AT 28 DAYS NOT EXCEEDING 0.08%.
5. CONCRETE STRENGTH f'c AT 28 DAYS MUST BE 4,500 PSI.
6. THE SURFACE OF GRAVEL FILL SHALL BE ROLLED SMOOTH IMMEDIATELY BEFORE PLACEMENT OF MOISTURE RETARDANT MEMBRANE.
7. VAPOR BARRIER MEMBRANE SHALL PER ASTM D4397, MINIMUM 15 MIL, POLYETHYLENE SHEETING WITH A MAXIMUM WATER VAPOR TRANSMISSION RATE (WVTR) OR 0.0142 GRAINS / SF x HR ASTME E 96 AND PERMEANCE OF 0.014 PER ASTM E154. PERFORMANCE SHALL EXCEED CLASS B, ASTM E1745.
   A. STEGOWRAP, STEGO INDUSTRIES LLC, SAN JUAN CAPISTRANO, CA
   B. MOISTSTOP ULTRA 15, FORTIFIBER BUILDING SYSTEMS, LOS ANGELES, CA
   C. PERMINATOR 15, W.R. MEADOWS
   D. OR APPROVED EQUAL PRIOR TO BID OPENING
8. INSTALLATION OF THE MOISTURE VAPOR RETARDANT MEMBRANE SHALL BE PERFORMED IN ACCORDANCE WITH ASTM E 1643-94 (STANDARD PRACTICE OF INSTALLATION OF WATER VAPOR RETARDERS USED IN CONTACT WITH EARTH OR GRANULAR FILL UNDER CONCRETE SLAB).

INTERIOR CONC SLAB ON GRADE SECTION — C1

1 1/2" = 1'-0"



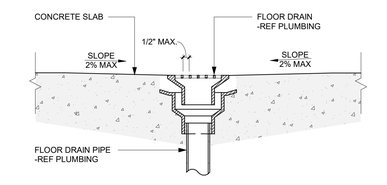
BACKING @ LAVS & GRAB BARS

(DETAIL APPLICABLE ONLY IF MFR'S CARRIER SUPPORT CANNOT BE INSTALLED)

WD BACKING — B2

1 1/2" = 1'-0"

NOTE: TRANSITION BETWEEN FLOOR DRAIN & FLOORING SHALL BE FLUSH



FLOOR DRAIN DETAIL — B1

1 1/2" = 1'-0"

TYPE	STUD SIZE	STUD SPACING	FIRE RATING
A3	2x4 (3-1/2")	16" O.C.	0

NOTES:
ALL WOOD FRAMING SHALL BE DOUGLAS FIR-LARCH NO.1

PARTITION TYPE 'A' — A1

1 1/2" = 1'-0"

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

These drawings have been prepared as one coordinated set of drawings and are complimentary. What is required by one drawing is required by all of the drawings, even if a detail or component part is not identified on every sheet. Any user's reliance on a single or select few sheet(s) of the drawings without consideration for the information included in the entire set of drawings will be at the user's sole risk and shall not form the basis for a request for additional compensation or time.

PROJECT

PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

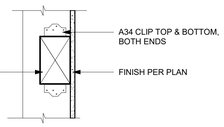
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT JASON A. DONTJE NO. C-36178 07-31-27 STATE OF CALIFORNIA

TITLE
PARTITION TYPE, TYPICAL FRAMING, CEILING, & SLAB DETAILS

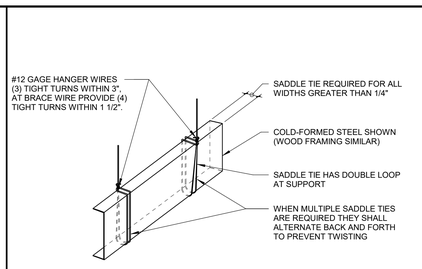
SHEET #
A-400



SECTION

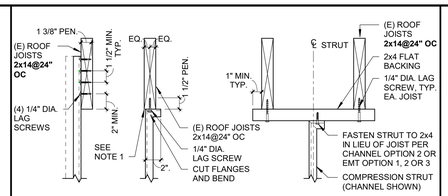
TYP WOOD BACKING — D5

1 1/2" = 1'-0"



TYPICAL SADDLE TIE DETAIL — C5

NTS

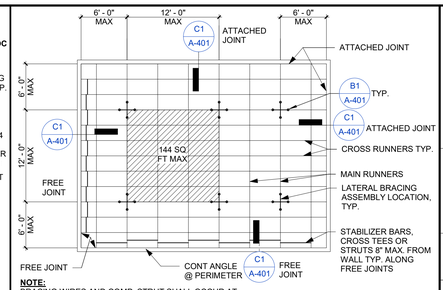


CHANNEL STRUT: OPTION 1 | **CHANNEL STRUT: OPTION 2** | **CHANNEL STRUT: BETWEEN JOIST**

NOTES:
1. WEB OF CHANNEL TO BEAR WITHIN WIDTH OF WOOD MEMBER.
2. VERTICAL LEG OF MEMBER TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
3. PEN. = MINIMUM PENETRATION OF LAG SCREW THREADS INTO THE WOOD MEMBER.
4. NO. 14 WOOD SCREW MAY BE USED IN LIEU OF 1/4" LAG SCREW.

STRUT CONNECTION TO SAWN TIMBER WITHOUT GYPSUM BOARD — B5

1 1/2" = 1'-0"



NOTE:
BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 144 SQ. FT. MAX. IN ROOMS OVER 144 SQ. FT.

HANGER AND BRACE WIRE — A5

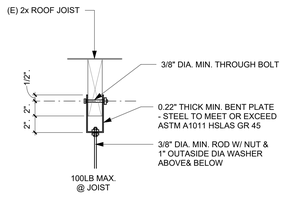
1/8" = 1'-0"

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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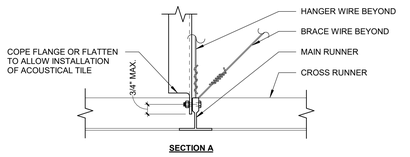
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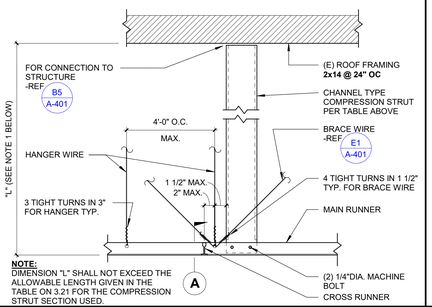
HANGER ROD DETAIL — E3

NTS

COMPRESSION STRUT CHANNEL SECTION	MAXIMUM LENGTH
250S125-33	5' - 10"



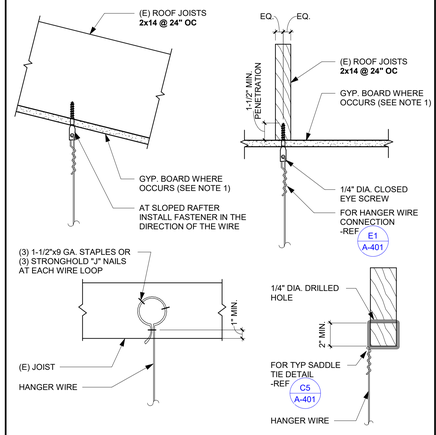
SECTION A



NOTE:
DIMENSION "L" SHALL NOT EXCEED THE ALLOWABLE LENGTH GIVEN IN THE TABLE ON 3.21 FOR THE COMPRESSION STRUT SECTION USED.

COMPRESSION STRUT - CHANNEL TYPE — D3

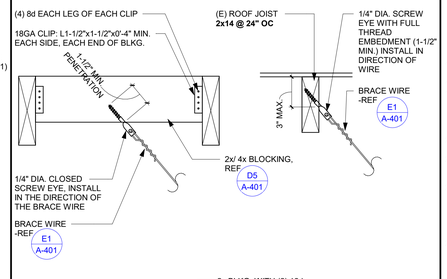
1 1/2" = 1'-0"



NOTE:
1. WHEN FIRE RATED GYP. BOARD IS INSTALLED ON THE BOTTOM FLANGES, USE SCREW EYES W/ SUFFICIENT LENGTH TO AVOID DAMAGING THE FIRE RATED GYP. BOARD AND MEET MIN. PENETRATION.

VERTICAL HANGER WIRE CONNECTION TO WD FRAMING — C3

1 1/2" = 1'-0"



ANGLED BRACE WIRE CONNECTION TO WD FRAMING — B3

1 1/2" = 1'-0"

1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH THAT THE WIRES DO NOT INTERFERE WITH THE RUNNERS, LIGHT FIXTURES, ETC. AND REMAIN STRAIGHT AND UNOBSTRUCTED.

1. CEILING SYSTEM GENERAL NOTES

1.01 CEILING SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C635 AND SECTION 5.1 OF ASTM E580.
1.02 THE CEILING GRID SYSTEM SHALL BE RATED HEAVY DUTY AS DEFINED BY ASTM C635.
1.03 CEILING SYSTEMS. THE FOLLOWING CEILING SYSTEM(S) IS/ARE PART OF THE SCOPE OF THIS PROJECT:
MANUFACTURER: **UNITED STATES GYPSUM COMPANY (USG)**
PRODUCT NAME: **DONN DXL - HEAVY DUTY**
EVALUATION REPORT NUMBER: **PER ICC ESR-1222.**
MAIN RUNNER PART, MODEL, OR CATALOG NUMBER: **'ECLIPSE ILLUSION' ACOUSTICAL PANELS, 2X4 W/ 2X2 LOOK W/ 'SLT' EDGE DETAIL - CONTRACTOR TO VERIFY MATCH W/ EXISTING CEILING TILE.** CROSS RUNNER PART, MODEL, OR CATALOG NUMBER: **'ECLIPSE ILLUSION' ACOUSTICAL PANELS, 2X4 W/ 2X2 LOOK W/ 'SLT' EDGE DETAIL - CONTRACTOR TO VERIFY MATCH W/ EXISTING CEILING TILE.**
1.04 SEISMIC WALL CLIP:
MANUFACTURER'S MODEL: **M20SM**
1.05 CEILING PANELS SHALL NOT SUPPORT ANY LUMINAIRES, AIR TERMINALS, OR DEVICES.
1.06 FOR ACOUSTICAL TILE PANELS OF ANY MATERIAL OTHER THAN MINERAL OR GLASS FIBER, A ¾" CLEARANCE SHALL BE PROVIDED BETWEEN THE PANEL AND THE WALL ON THE SIDES OF THE CEILING FREE TO SLIP. CLEARANCE BETWEEN CEILING GRID RUNNERS AND WALLS SHALL COMPLY WITH THE DETAILS ON THESE DRAWINGS REGARDLESS OF CEILING TILE MATERIAL.

2. MATERIALS

2.01 CEILING WIRE SHALL BE CLASS 1 ZINC COATED (GALVANIZED) CARBON STEEL CONFORMING TO ASTM A641. WIRE SHALL BE #12 GAUGE (0.106" DIAMETER) WITH SOFT TEMPER AND MINIMUM ULTIMATE TENSILE STRENGTH = 70 KSI.
2.02 GALVANIZED SHEET STEEL (INCLUDING THAT USED FOR METAL STUD COMPRESSION STRUTS) SHALL CONFORM TO ASTM A653, OR OTHER EQUIVALENT SHEET STEEL LISTED IN SECTION A3.1 OF THE NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS. (AISI S100). MATERIAL 43 MIL (18 GAUGE) THICK AND LIGHTER SHALL HAVE MINIMUM YIELD STRENGTH OF 33 KSI. MATERIAL 54 MIL (16 GAUGE) THICK AND HEAVIER SHALL HAVE A MINIMUM YIELD STRENGTH OF 50 KSI.
2.03 ELECTRICAL METALLIC TUBE (EMT) SHALL CONFORM TO ANSI C80.3/UL 797 CARBON STEEL WITH G90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRENGTH OF 30 KSI AND MINIMUM ULTIMATE STRENGTH OF 48 KSI.

3. ATTACHMENT OF HANGER AND BRACING WIRES

3.01 ALL CEILING HANGER AND BRACING WIRES SHALL BE SEPARATED AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC.
3.02 HANGER AND BRACING WIRES SHALL NOT ATTACH TO OR BEND AROUND OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO PIPING, DUCTWORK, CONDUIT, AND EQUIPMENT.
3.03 HANGER WIRES THAT ARE MORE THAN ONE (HORIZONTAL) IN SIX (VERTICAL) OUT OF PLUMB SHALL HAVE COUNTER-SLOPING WIRES.
3.04 SLACK SAFETY WIRES SHALL BE CONSIDERED HANGER WIRES FOR INSTALLATION AND TESTING REQUIREMENTS.
3.05 HANGER AND BRACING WIRE ANCHORAGE TO THE STRUCTURE SHALL BE INSTALLED SUCH THAT THE DIRECTION OF THE ANCHORAGE ALIGNS WITH THE DIRECTION OF THE WIRE. BRACING WIRE CEILING CLIPS SHALL BE BENT AS SHOWN IN THE DETAILS AND ROTATED AS REQUIRED TO ALIGN WITH THE DIRECTION OF THE WIRE. SCREWS IN WOOD SHALL BE INSTALLED TO ALIGN WITH THE DIRECTION OF THE WIRE.

4. FASTENERS AND WELDING

4.01 SHEET METAL SCREWS SHALL COMPLY WITH ASTM C1513 AND ASME B18.6.3. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHALL NOT BE LESS THAN THREE EXPOSED THREADS.
4.02 EXPANSION ANCHORS SHALL BE: **N/A**
4.03 POWER-ACTUATED FASTENERS SHALL BE: **N/A**
4.04 IF NOT OTHERWISE SPECIFIED IN THE EVALUATION REPORT, POWER-ACTUATED FASTENERS INSTALLED IN STEEL SHALL BE INSTALLED SO THE ENTIRE POINTED END OF THE FASTENER IS DRIVEN THROUGH THE STEEL MEMBER.
4.05 POWER-ACTUATED FASTENERS IN CONCRETE OR MASONRY ARE NOT PERMITTED FOR BRACING WIRES.
4.06 CONCRETE REINFORCEMENT AND PRESTRESSING TENDONS SHALL BE LOCATED BY NON-DESTRUCTIVE MEANS PRIOR TO INSTALLING POST-INSTALLED ANCHORS.
4.07 WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIES ELECTRODES.

5. TESTING

5.01 ALL FIELD TESTING SHALL BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR.
5.02 POST-INSTALLED ANCHORS IN CONCRETE USED TO SUPPORT HANGER WIRES SHALL BE TESTED AT A FREQUENCY OF 10 PERCENT. POWER-ACTUATED FASTENERS IN CONCRETE SHALL BE FIELD TESTED FOR 200 POUNDS IN TENSION. ALL OTHER POST-INSTALLED ANCHORS IN CONCRETE SHALL BE TESTED IN ACCORDANCE WITH CBC SECTION 1910A.5.
5.03 POST-INSTALLED ANCHORS IN CONCRETE USED TO ATTACH BRACING WIRES SHALL BE TESTED AT A FREQUENCY OF 50 PERCENT AND IN ACCORDANCE WITH CBC SECTION 1910A.5.

6. LUMINAIRES

6.01 ALL LUMINAIRES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEMS BY MECHANICAL MEANS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE LUMINAIRE. A MINIMUM OF TWO SCREWS OR APPROVED FASTENERS ARE REQUIRED AT EACH LUMINAIRE PER ASTM E580 SECTION 5.3.1.
6.02 SURFACE-MOUNTED LUMINAIRES SHALL BE ATTACHED TO THE MAIN RUNNER WITH AT LEAST TWO POSITIVE CLAMPING DEVICES. THE CLAMPING DEVICE SHALL COMPLETELY SURROUND THE SUPPORTING CEILING RUNNER AND BE MADE OF STEEL WITH A MINIMUM THICKNESS OF # 14 GAUGE. ROTATIONAL SPRING CATCHES ARE NOT PERMITTED. A #12 GAUGE SLACK SAFETY WIRE SHALL BE CONNECTED FROM EACH CLAMPING DEVICE TO THE STRUCTURE ABOVE. ADDITIONAL SUPPORTS SHALL BE PROVIDED WHEN A LUMINAIRE IS 8 FEET OR LONGER OR EXCEEDS 56 POUNDS. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED 8 FEET.
6.03 LUMINAIRES WEIGHING LESS THAN OR EQUAL TO 10 POUNDS SUPPORTED DIRECTLY ON THE CEILING RUNNERS SHALL HAVE A MINIMUM OF ONE #12 GAUGE SLACK SAFETY WIRE CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE.
6.04 LUMINAIRES WEIGHING GREATER THAN 10 POUNDS BUT LESS THAN OR EQUAL TO 56 POUNDS SUPPORTED DIRECTLY ON THE CEILING RUNNERS SHALL HAVE A MINIMUM OF TWO #12 GAUGE SLACK SAFETY WIRES CONNECTED FROM THE FIXTURE HOUSING AT DIAGONAL CORNERS TO THE STRUCTURE ABOVE.
EXCEPTION: ALL LUMINAIRES GREATER THAN TWO BY FOUR FEET WEIGHING LESS THAN 56 POUNDS SHALL HAVE A #12 GAUGE SLACK SAFETY WIRE AT EACH CORNER.
6.05 ALL LUMINAIRES WEIGHING GREATER THAN 56 POUNDS SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE ABOVE. SEE SUPPORT DETAILS ON THESE DRAWINGS FOR MORE INFORMATION.

7. SERVICES WITHIN THE CEILING

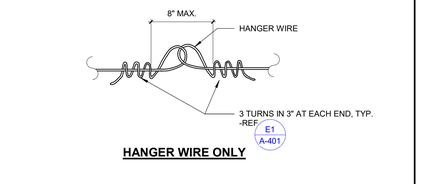
7.01 ALL FLEXIBLE SPRINKLER HOSE FITTING MOUNTING BRACKETS, CEILING-MOUNTED AIR TERMINALS, OR OTHER SERVICES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEMS BY MECHANICAL MEANS. SCREWS OR OTHER FASTENERS SPECIFIED ON THE DRAWINGS ARE REQUIRED. A MINIMUM OF TWO ATTACHMENTS ARE REQUIRED AT EACH COMPONENT.
7.02 CEILING-MOUNTED SERVICES WEIGHING LESS THAN OR EQUAL TO 20 POUNDS SHALL HAVE ONE #12 GAUGE SLACK SAFETY WIRE ATTACHED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.
7.03 CEILING-MOUNTED SERVICES WEIGHING MORE THAN 20 POUNDS BUT LESS THAN OR EQUAL TO 56 POUNDS SHALL HAVE TWO #12 GAUGE SLACK SAFETY WIRES (AT DIAGONAL CORNERS) CONNECTED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.
7.04 CEILING-MOUNTED SERVICES WEIGHING MORE THAN 56 POUNDS SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE ABOVE. SEE SUPPORT DETAILS ON THESE DRAWINGS FOR MORE INFORMATION.

8. OTHER DEVICES WITHIN THE CEILING

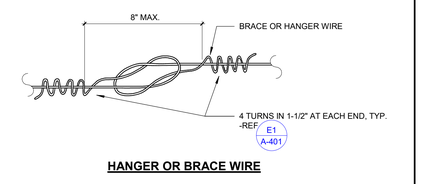
8.01 ALL LIGHTWEIGHT MISCELLANEOUS DEVICES, SUCH AS STROBE LIGHTS, OCCUPANCY SENSORS, SPEAKERS, EXIT SIGNS, ETC., SHALL BE ATTACHED TO THE CEILING GRID. DEVICES WEIGHING MORE THAN 10 POUNDS SHALL HAVE A #12 GAUGE SLACK SAFETY WIRE ANCHORED TO THE STRUCTURE ABOVE. DEVICES WEIGHING MORE THAN 20 POUNDS SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE ABOVE.

CEILING NOTES — A1

12" = 1'-0"



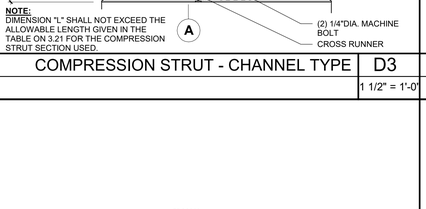
HANGER WIRE



BRACE WIRE

HANGER AND BRACE WIRE CONNECTION - TYP WIRE TURNS — E1

3" = 1'-0"



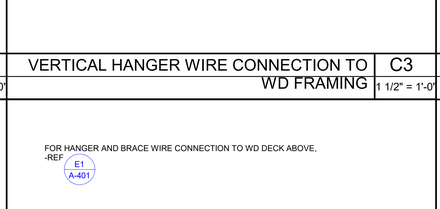
HANGER WIRE ONLY

HANGER OR BRACE WIRE

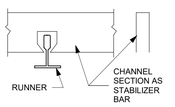
NOTES:
1. WIRE SPLICES ARE SHOWN LOOSELY TIED FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE DRAWN TIGHT TO COMPLETE INSTALLATION WHEN CONSTRUCTED.
2. WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION WITHIN THE LOOPS.
3. EACH HANGER AND BRACE WIRE SHALL BE SPLICED NO MORE THAN ONCE ALONG ITS LENGTH.

TYPICAL CEILING WIRE SPLICES — D1

3" = 1'-0"



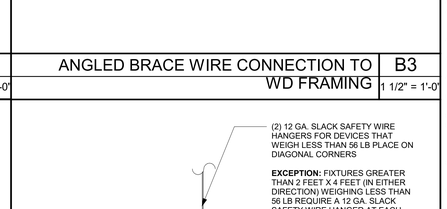
NOTES:
1. PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS EIGHT (8) INCHES OR LESS.
2. NAILS AT ENDS OF HORIZONTAL STABILIZERS ARE TO BE PLACED WITH NAIL HEAD TOWARD CENTER LINE OF SPAN OF STRUT.
3. STABILIZER BAR MAY BE SLOTTED APPROVED ANGLES OR CHANNELS WITH "DIAMOND POINTS" OR SPRING STEEL WHICH SNAP TIGHT TO PREVENT MOVEMENT OF STRUT.
4. FASTEN ANGLE TO WALL STUD OR BLOCKING AS FOLLOWS:
A. **WOOD STUD WALL**: #10x2" LONG WOOD SCREW AT 16" O.C. MAX.



STABILIZER (SEE NOTE 3)

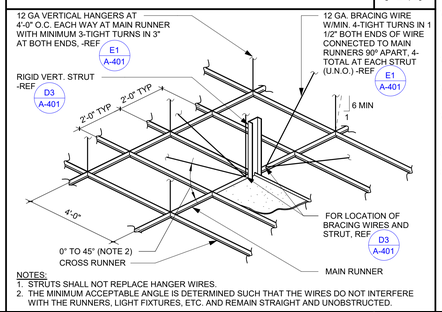
SUSPENDED LAY-IN PANEL CEILING PERIMETER - ATTACHED & FREE JOINT — C1

3" = 1'-0"



LUMINAIRE / AIR TERMINAL SUPPORT — B2

3" = 1'-0"



NOTES:
1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH THAT THE WIRES DO NOT INTERFERE WITH THE RUNNERS, LIGHT FIXTURES, ETC. AND REMAIN STRAIGHT AND UNOBSTRUCTED.

SUSPENSION AND LATERAL BRACING ASSEMBLY — B1

3" = 1'-0"

PROJECT

PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**
DATE **02/23/2026**
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT JASON A. DONTJE NO. C-32176 REGISTERED 07-31-07 STATE OF CALIFORNIA

TITLE
RCP DETAILS

SHEET #
A-401

11B-703 SIGNS

11B-703.1 GENERAL. SIGNS SHALL COMPLY WITH SECTION 11B-703. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.

11B-703.2 RAISED CHARACTERS. RAISED CHARACTERS SHALL COMPLY WITH SECTION 11B-703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 11B-703.3. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH 11B-703.4.

11B-703.2.1 DEPTH. RAISED CHARACTERS SHALL BE 1/32 INCH (0.8 MM) MINIMUM ABOVE THEIR BACKGROUND.

11B-703.2.2 CASE. CHARACTERS SHALL BE UPPERCASE.

11B-703.2.3 STYLE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.

11B-703.2.4 CHARACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".

11B-703.2.5 CHARACTER HEIGHT. CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH (16 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".

11B-703.2.6 STROKE THICKNESS. STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.

11B-703.2.7 CHARACTER SPACING. CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8 INCH (3.2 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16 INCH (1.6 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8 INCH (3.2 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH (9.5 MM) MINIMUM.

11B-703.2.8 LINE SPACING. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT.

11B-703.2.9 FORMAT. TEXT SHALL BE IN A HORIZONTAL FORMAT.

11B-703.3 BRAILLE. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH SECTION 11B-703.3 AND 11B-703.4.

11B-703.3.1 DIMENSIONS AND CAPITALIZATION. BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 11B-703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS.

11B-703.3.2 POSITION. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT, FLUSH LEFT OR CENTERED. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8 INCH (9.5 MM) MINIMUM AND 1/2 INCH (12.7 MM) MAXIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH (9.5 MM) MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS.

EXCEPTION: BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 3/16 INCH (4.8 MM) MINIMUM AND SHALL BE LOCATED EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.

TABLE 11B-703.3.1 BRAILLE DIMENSIONS

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

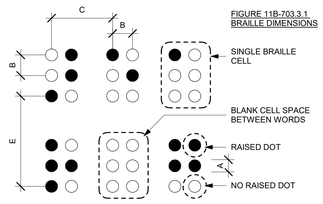
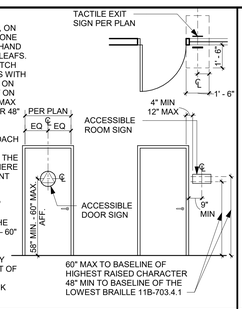


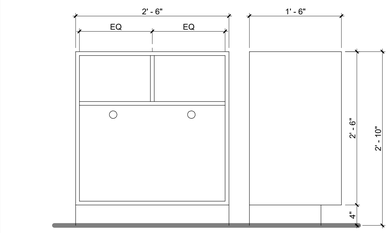
FIGURE 11B-703.3.1 BRAILLE DIMENSIONS

ADA SIGNAGE: CHARACTER & BRAILLE HEIGHT REQUIREMENTS — C3 — 6" = 1'-0"

SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. ON THE INACTIVE LEAF AT DOUBLE DOORS WITH ONE ACTIVE LEAF. & TO THE RIGHT OF THE RIGHT HAND DOOR AT DOUBLE DOORS WITH TWO ACTIVE LEAFS. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE & AT THE RIGHT SIDE OF DOUBLE DOORS WITH TWO ACTIVE LEAFS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" MAX TO BASELINE OF HIGHEST RAISED CHARACTER 48" MIN TO BASELINE OF THE LOWEST BRAILLE 11B-703.4. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE W/O ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING IS LIMITED TO 90 DEGREE, MOUNT SIGN 9" FROM EDGE OF DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING EXCEEDS 90 DEGREES, MOUNT SIGN DOOR WIDTH PLUS 9" FROM EDGE OF DOOR.
SIGNS SHALL BE INSTALLED CENTERED ON THE DOOR. MOUNTING HEIGHT SHALL BE 58" MIN. – 60" MAX. ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN. THE COLOR AND CONTRAST OF THE SIGN SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.
WHEN APPLIED TO GLAZING, PROVIDE A BLANK SIGN ON THE BACK SIDE OF THE GLAZING, MATCHING THE SIZE OF THE PRIMARY SIGN.



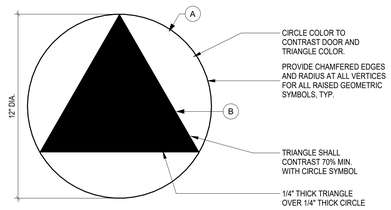
DOOR SIGNAGE LOCATIONS — B5 — 1/4" = 1'-0"



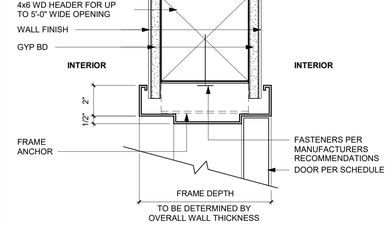
(N) BACKPACK STORAGE TYP — A5 — 1" = 1'-0"

NOTES:
1. LOCATE PER B5 / A-500
4. 1/16" MIN EASED OR CHAMFERED AT 1/8" MAX EDGES.
1/8"MIN-1/4"MAX RADIUS @ VERTICES

COLOR & FINISH LEGEND:
A WHITE
B BRONZE

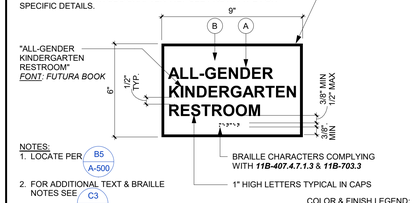


GENDER-NEUTRAL RESTROOM DOOR SIGNAGE — B4 — 3" = 1'-0"



DOOR HEAD / JAMB SIM — A4 — 3" = 1'-0"

APPLIED TACTILE GRAPHICS (MACHINE ENGRAVED) ROOM IDENTIFICATION SIGN IS COMPRISED OF TWO LAYERS OF ACRYLIC MULTIPOLYMER PANELS w/ BULLNOSED EDGES. APPLIED TACTILE GRAPHICS (MACHINE ENGRAVED) AND BRAILLE RASTER BEADS. SHALL COMPLY WITH CBC CHAPTER 11B. SEE PROTOTYPE FOR SPECIFIC DETAILS.

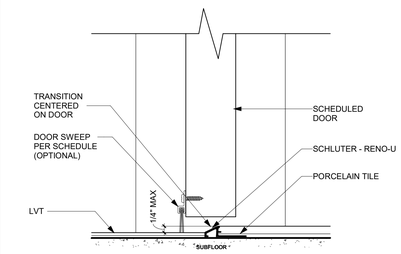


NOTES:
1. LOCATE PER B5 / A-500
2. FOR ADDITIONAL TEXT & BRAILLE NOTES SEE C3 / A-500
3. TYPEFACE / SYMBOLS: HELVETICA NEUE-ROMAN
4. WHERE SIGNAGE IS INSTALLED ON GLASS PROVIDE BLANK SIGNAGE ON OPPOSITE SIDE BEING EQUAL SIZE AND COLOR TO MASK ADHESIVE.

BRAILLE CHARACTERS COMPLYING WITH ***11B-407.4.7.1.3 & 11B-703.3***
1" HIGH LETTERS TYPICAL IN CAPS

COLOR & FINISH LEGEND:
A WHITE
B BRONZE

GENDER-NEUTRAL RESTROOM SIGNAGE — B3 — 3" = 1'-0"



NOTE - ALL DOOR TRANSITIONS MUST MEET CBC CHAPTER 11B

DOOR THRESHOLD — A3 — 6" = 1'-0"

GATE #	WIDTH	HEIGHT	TYPE	FINISH	HARDWARE GROUP NO.	PANIC HARDWARE	ELEVATION	NOTES
G01	3' - 0"	6' - 0"	CHAIN LINK PEDESTRIAN SWING	GALV	01	YES	B4 / A-020	-

GATE NOTES

1. ALL HARDWARE FOR ACCESSIBLE GATES SHALL MEET THE REQUIREMENTS OF CBC SECTIONS 11B 404.2.7, 11B 309.4, 1010.2.2, 1010.2.9.3 AND SFM STANDARD 12-10-3, SECTION 12-10-302.
2. HAND ACTIVATED GATE OPENING HARDWARE, HANDLES, PULLS, LATCHES, AND OTHER OPERATING DEVICES ON ACCESSIBLE GATES SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS (22.2N). CBC SECTION 11B 309.4. HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR, CBC SECTION 11B 404.2.7.
3. MAXIMUM OPERATING FORCE REQUIRED TO PUSH OR PULL OPEN A GATE SHALL NOT EXCEED 5 LBF (22.2N) FOR GATES. PUSH OR PULL FORCE FOR HINGED GATES SHALL BE MEASURED PERPENDICULAR TO THE GATE FACE AT THE GATE OPENING HARDWARE OR 30" FROM THE HINGED SIDE, WHICHEVER IS FARTHER FROM THE HINGE CBC SECTION 11B 404.2.9 AND 1010.1.3.
4. GATE CLOSERS, WHEN PROVIDED, SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE GATE TO A POSITION 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM PER CBC SECTION 11B 404.2.8.1
5. THE ENDS OF THE PANIC HARDWARE CROSS-BAR SHALL BE CURVED, GUARDED OR OTHERWISE DESIGNED TO PREVENT CATCHING ON THE CLOTHING OF PERSONS DURING EGRESS.

GATE HARDWARE

HARDWARE GROUP NO. 01:
PROVIDE EACH SGL GATE(S) WITH THE FOLLOWING:

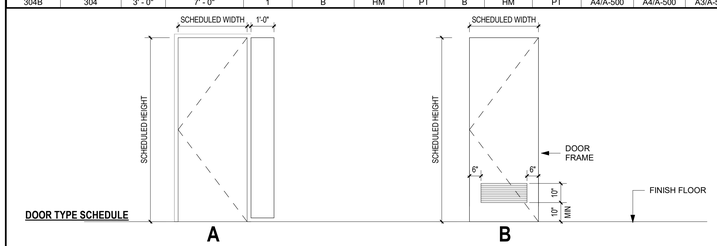
QTY	COMPONENT	CATALOG NUMBER	FINISH	MFR
1 EA	GATE CLOSER/HINGE	MAMMOTH-180 CLB-MAMMOTH	ZILV	B/O
1 EA	PANIC HARDWARE	PA-AX-99-NL-OP-110MD-WH	626	VON
1 EA	RIM CYLINDER	20-057 ICX	626	SCH
1 EA	FSIC CORE	23-030	626	SCH
1 EA	DOOR PULL	VR910 NL	630	IVE
1 EA	FLOOR STOP/HOLDER	FS40 SERIES	US26D	IVE

VERIFY KEYWAY REQUIRED

GATE SCHEDULE & HARDWARE — D1 — 12" = 1'-0"

DOOR SCHEDULE

DOOR NUMBER	CLASSROOM	DOOR (CLEAR) OPENING WIDTH	DOOR (CLEAR) OPENING HEIGHT	NO. OF LEAVES SINGLE=1 DOUBLE=2	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD RE:	DETAILS JAMB RE:	DETAILS THRESHOLD RE:	HDWR. GROUP NUMBER	PANIC HARDWARE (YES OR NO)	LOCK-DOWN PER 1010.2.8 (YES OR NO)	COMMENTS
302A	302	3' - 0"	7' - 0"	1	A	HM	PT	A	HM	PT	A4/A-500	A4/A-500		02	No	YES	
302B	302	3' - 0"	7' - 0"	1	B	HM	PT	B	HM	PT	A4/A-500	A4/A-500	A3/A-500	01	No		NO THRESHOLD REQ'D
303A	303	3' - 0"	7' - 0"	1	A	HM	PT	A	HM	PT	A4/A-500	A4/A-500		02	No	YES	
303B	303	3' - 0"	7' - 0"	1	B	HM	PT	B	HM	PT	A4/A-500	A4/A-500	A3/A-500	01	No		NO THRESHOLD REQ'D
304A	304	3' - 0"	7' - 0"	1	A	HM	PT	A	HM	PT	A4/A-500	A4/A-500		02	No	YES	
304B	304	3' - 0"	7' - 0"	1	B	HM	PT	B	HM	PT	A4/A-500	A4/A-500	A3/A-500	01	No		NO THRESHOLD REQ'D



DOOR HARDWARE

HARDWARE GROUP NO. 01

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3 EA	HINGE	AB700 4.5 X 4	652	HAG
1 EA	CLASSROOM DEAD LOCK	L463P6	626	SCH
1 EA	PUSH PLATE	8200 8" X 16"	628	IVE
1 EA	PULL PLATE	8302 10" 6" X 16" CFC	628	IVE
1 EA	SURFACE CLOSER	4040XP CUSH	689	LCN
1 EA	KICK PLATE	8400 10" X 2" LDW B-CS	628	IVE
1 EA	SEALS	18061CNB (per foot)	AL	PEM
1 EA	THRESHOLD	THRESHOLD AS DETAILED		
3 EA	SILENCER	SR64	GRY	IVE

HARDWARE GROUP NO. 02

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3 EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1 EA	PASSAGE SET	L9010 06A	626	SCH
1 EA	SURFACE CLOSER	4040XP REG OR PA AS REQ TBWMS	689	LCN
1 EA	MOUNTING PLATE	4040XP-18 (AS REQUIRED)	689	LCN
1 EA	WALL STOP	WS406/407CCV	630	IVE
3 EA	SILENCER	SR64	GRY	IVE

DOOR NOTES

1. ALL HARDWARE FOR ACCESSIBLE DOORS SHALL MEET THE REQUIREMENTS OF CBC SECTIONS 11B 404.2.7, 11B 309.4, 1010.2.2, 1010.2.9.3 AND SFM STANDARD 12-10-3, SECTION 12-10-302.
2. HAND ACTIVATED DOOR OPENING HARDWARE, HANDLES, PULLS, LATCHES, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS (22.2N). CBC SECTION 11B 309.4. HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR, CBC SECTION 11B 404.2.7.
3. MAXIMUM OPERATING FORCE REQUIRED TO PUSH OR PULL OPEN A DOOR SHALL NOT EXCEED 5 LBF (22.2N) FOR EXTERIOR DOORS AND 5 LBF (22.2N) FOR INTERIOR DOORS. REQUIRED FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWED BY THE DSA AUTHORITY, NOT TO EXCEED 15 LBF (67N). PUSH OR PULL FORCE FOR HINGED DOORS SHALL BE MEASURED PERPENDICULAR TO THE DOOR FACE AT THE DOOR OPENING HARDWARE OR 30" FROM THE HINGED SIDE, WHICHEVER IS FARTHER FROM THE HINGE CBC SECTION 11B 404.2.9 AND 1010.1.3.
4. DOOR CLOSERS, WHEN PROVIDED, SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM PER CBC SECTION 11B 404.2.8.1 THE ENDS OF THE PANIC HARDWARE CROSS-BAR SHALL BE CURVED, GUARDED OR OTHERWISE DESIGNED TO PREVENT CATCHING ON THE CLOTHING OF PERSONS DURING EGRESS.

DOOR SCHEDULE & HARDWARE — A1 — NTS

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

These drawings have been prepared as one coordinated set of drawings and are complimentary. What is required by one drawing is required by all of the drawings, even if a detail or component part is not identified on every sheet. Any user's reliance on a single or select few sheet(s) of the drawings without consideration for the information included in the entire set of drawings will be at the user's sole risk and shall not form the basis for a request for additional compensation or time.

PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT — JASON A. DONTJE — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE
DOOR SCHEDULE & MISC. DETAILS

SHEET #
A-500

GENERAL NOTES

----- GENERAL NOTES -----

1. ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2025 CALIFORNIA MECHANICAL CODE, 2025 CALIFORNIA BUILDING CODE, AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING 2025 BUILDING ENERGY EFFICIENCY STANDARDS DIVISION T-24.

2. 2025 CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE INCLUDING THE APPLICABLE MANDATORY MEASURES:

   - 5.201.1 CALIFORNIA ENERGY CODE. FOR THE PURPOSES OF MANDATORY ENERGY EFFICIENCY STANDARDS IN THIS CODE, THE CALIFORNIA ENERGY COMMISSION WILL CONTINUE TO ADOPT MANDATORY STANDARDS.
   - 5.504.3: COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST, WATER AND DEBRIS WHICH MAY ENTER THE SYSTEM.
   - 5.506.1 OUTSIDE AIR DELIVERY. FOR MECHANICALLY OR NATURALLY VENTILATED SPACES IN BUILDINGS, MEET THE MINIMUM REQUIREMENTS OF SECTION 121 (REQUIREMENTS FOR VENTILATION) OF THE 2025 CALIFORNIA ENERGY CODE, OR THE APPLICABLE LOCAL CODE, WHICHEVER IS MORE STRINGENT, AND DIVISION 1, CHAPTER 4 OF CCR, TITLE 8.
   - 5.508.1 OZONE DEPLETION AND GREENHOUSE GAS REDUCTIONS. INSTALL HVAC AND REFRIGERATION AND FIRE SUPPRESSION EQUIPMENT SHALL COMPLY WITH 5.508.1.1 AND 5.508.1.2.
   - 5.508.1.1 CHLOROFLUOROCARBONS (CFCS). INSTALL HVAC, REFRIGERATION AND FIRE SUPPRESSION EQUIPMENT THAT DO NOT CONTAIN CFCS.
   - 5.508.1.2 HALONS. INSTALL HVAC, REFRIGERATION AND FIRE SUPPRESSION EQUIPMENT THAT DO NOT CONTAIN HALONS.
   - ADHESIVES, SEALANTS AND CAULKS SHALL MEET CALGREEN REQUIREMENTS.
   - INSTALLER AND SPECIAL INSPECTORS SHALL MEET ALL QUALIFICATIONS LISTED IN SECTION 702 OF THE 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE.

3. COORDINATE ENTIRE INSTALLATION OF THE HVAC SYSTEM WITH THE WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ITEMS TO BE PROVIDED BY OTHER TRADES WHERE MENTIONED IN THE CONTRACT DOCUMENTS PRIOR TO BID - NO EXCEPTIONS.

4. COORDINATE THE LOCATIONS OF ALL CEILING DIFFUSERS, REGISTERS, AND GRILLES WITH THE ARCHITECTURAL REFLECTIVE CEILING PLAN, ELECTRICAL LIGHTING LAYOUT AND ARCHITECTURAL ROOM ELEVATIONS. THE ARCHITECT AND ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY CONFLICTS PRIOR TO FABRICATION AND INSTALLATION.

5. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER OF CONSTRUCTION PHASING PRIOR TO START OF CONSTRUCTION, REMOVAL, AND/OR REPLACEMENT OF ANY EQUIPMENT. CONTRACTOR SHALL RECEIVE PERMISSION IN WRITING PRIOR TO THE START OF ANY WORK DURING ANY PHASE FOR WORK SHOWN HEREIN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT WORK AND ARRANGE HIS WORK IN A MANNER THAT WILL CAUSE MINIMAL INTERFERENCE WITH DAILY FUNCTIONS WITHIN THE FACILITY. ANY EXPECTED DOWNTIME SHALL BE COORDINATED WITH THE OWNER.

6. ALL EQUIPMENT, DUCTS, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE OF THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHER-PROOFED AND PAINTED TO MATCH, COORDINATE WITH ARCHITECT PRIOR TO PAINTING.

7. THE OWNER ACKNOWLEDGES THAT THE DESIGN PROFESSIONAL'S PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE. NEVERTHELESS, THE PLANS PREPARED UNDER THIS AGREEMENT SHALL BECOME THE PROPERTY OF THE OWNER UPON COMPLETION OF THE WORK. THE OWNER AGREES TO HOLD HARMLESS AND INDEMNIFY THE DESIGN PROFESSIONAL AGAINST ALL DAMAGES, CLAIMS AND LOSSES, INCLUDING DEFENSE COSTS, ARISING OUT OF ANY RESCUE OF THE PLANS WITHOUT THE WRITTEN AUTHORIZATION OF THE DESIGN PROFESSIONAL.

8. ALL DIMENSIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND MUST BE CONFIRMED ON SITE.

9. PRIOR TO OCCUPANCY, THE ENTIRE H.V.A.C. SYSTEMS SHALL BE BALANCED IN ACCORDANCE WITH (AABC) ASSOCIATED AIR BALANCE COUNCIL STANDARDS BY AN INDEPENDENT AIR BALANCE CONTRACTOR. CERTIFICATION SHALL BE PROVIDED BY THE CONTRACTOR FOR AIR AS APPLICABLE. SYSTEMS SHALL BE BALANCED AS INDICATED ON PLANS. WHERE THERE IS A CONFLICT WITH THE MECHANICAL PLANS, THE AIR BALANCE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO BALANCING OF SYSTEM. IF NOT THE AIR BALANCE CONTRACTOR SHALL BEAR ALL COSTS INCURRED FOR WORK THAT MUST BE RE-BALANCED DUE TO CONFLICTS ON CONTRACT DOCUMENTS. CONTRACTOR SHALL PROVIDE THREE COPIES OF THE AIR BALANCE REPORT TO THE ENGINEER FOR APPROVAL.

10. FOR INACCESSIBLE AREAS THE CONTRACTOR SHALL PROVIDE ACCESS PANELS FOR ALL DAMPERS, EQUIPMENT, SMOKE DETECTORS, AND CONTROL DEVICES. THESE PANELS SHALL MATCH THE RATING OF THE WALL AND/OR CEILING THAT THEY ARE LOCATED IN. MINIMUM ACCESS PANEL SIZES SHALL BE AS FOLLOWS:

    1) HAND ACCESS: 12"x12"

    2) BODY ACCESS: 30"x30" MIN. WHERE A LARGER ACCESS SIZE IS REQUIRED DUE TO INSTALLATION CONSTRAINTS, THE CONTRACTOR SHALL DO SO AT NO ADDITIONAL COST AND SHALL NOTIFY THE ARCHITECT AND ENGINEER OF DEVIATIONS PRIOR TO INSTALLATION.

11. ALL EQUIPMENT, ACCESSORIES, AND RELATED PIPING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

12. MAINTENANCE LABEL SHALL BE AFFIXED TO ALL MECHANICAL EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED FOR THE OWNER'S USE.

13. ALL EQUIPMENT WITH MOVING PARTS SHALL BE PROVIDED WITH FLEXIBLE DUCT AND PIPE CONNECTIONS.

14. ALL EQUIPMENT SHALL BE LABELED AS TO THE SPACE IT SERVES.

15. ALL HVAC EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION TO COMPLY WITH LATEST EFFICIENCY STANDARDS.

16. CONTRACTOR SHALL VERIFY ALL CLEARANCES AND INSTALL HVAC UNITS PER MANUFACTURER GUIDELINES.

17. CONTRACTOR TO SUBMIT ALL EQUIPMENT AND OTHER ACCESSORIES TO THE ENGINEER FOR APPROVAL PRIOR TO ANY ORDERING OF SUCH ITEMS.

18. CONTRACTOR SHALL BE RESPONSIBLE FOR COMMISSIONING OF EQUIPMENT.

19. PAINT EXPOSED SURFACES, WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS OR SURFACES. IF COLOR OR FINISH IS NOT DESIGNATED, THE OWNER'S REPRESENTATIVE WILL SELECT FROM STANDARD COLORS OR FINISHES AVAILABLE.

    1) PAINTING INCLUDES FIELD PAINTING EXPOSED BARE AND COVERED PIPES AND DUCTS (INCLUDING COLOR CODING), HANGERS, EXPOSED STEEL AND IRON WORK, AND PRIMED METAL SURFACES OF MECHANICAL AND ELECTRICAL EQUIPMENT.

20. ALL MECHANICAL PIPING SYSTEMS, DUCTS, CONTROLS, VALVES, APPARATUS, ETC., EXCEPT THOSE THAT ARE INSTALLED IN INACCESSIBLE LOCATIONS IN PARTITIONS, WALLS, AND FLOORS, AND THOSE BURIED UNDERGROUND, SHALL BE PERMANENTLY MARKED AND IDENTIFIED AS INDICATED IN THE RELATED SPECIFICATIONS.

21. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE CITY INSPECTOR.

----- CONTROLS -----

1. CONTROL SCHEMATICS ARE FOR SEQUENCE ONLY. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ALL ELECTRICAL DEVICES REQUIRED.

2. ALL LINE VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT. ALL LINE VOLTAGE CONDUIT AND WIRING, INCLUDING FINAL CONNECTIONS, SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AS INDICATED ON THE ELECTRICAL DRAWINGS OR SPECIFIED IN THE ELECTRICAL SECTION OF THE SPECIFICATIONS. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS OF ALL GOVERNING BODIES HAVING JURISDICTION THEREOF.

3. ALL LOW VOLTAGE CONDUIT AND WIRING AS APPLICABLE, INCLUDING FINAL CONNECTIONS, SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR AS INDICATED ON THE MECHANICAL DRAWINGS.

    A1) ALL LOW VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT.

    A2) ALL LOW VOLTAGE WIRING SHALL BE PLENUM - RATED.

    B) WHERE THE CONTROLS CONTRACTOR IS RETAINED BY THE OWNER, THEY SHALL BE RESPONSIBLE FOR THE FOLLOWING:

    1) FURNISH AND INSTALL ALL DEVICES, WIRING, AND TERMINATIONS REQUIRED FOR A COMPLETE AND FUNCTIONAL INSTALLATION.

    2) COORDINATE ALL WORK AND REQUIREMENTS WITH OTHER TRADES INCLUDING GENERAL, MECHANICAL, AND ELECTRICAL CONTRACTORS PRIOR TO BID.

    3) CONTRACTOR SHALL FOLLOW ALL SUBMITTAL REQUIREMENTS PER DRAWINGS.

4. ELECTRICAL CONTRACTOR SHALL PROVIDE REQUIRED RELAY ACCESSORIES FOR CONNECTION OF 120 VOLT 1 PHASE VENTILATION EQUIPMENT TO 277 VOLT 1 PHASE LIGHTING AS APPLICABLE.

5. ALL THERMOSTATS SHALL HAVE LOCKABLE COVERS (WHERE INDICATED ON PLANS) AND SHALL BE OF THE ELECTRONIC, PROGRAMMABLE, AUTOMATIC CHANGEOVER TYPE TO SEQUENCE HEATING OR COOLING. SET POINT RANGE SHALL BE 10 DEGREES F. BETWEEN FULL HEATING AND COOLING. THEY SHALL HAVE CAPABILITY OF TERMINATING ALL HEATING AT A TEMPERATURE NO MORE THAN 70 DEGREES F., AND COOLING AT A TEMPERATURE NOT LESS THAN 78 DEGREES F. ADJUSTABLE TEMPERATURE DIFFERENTIAL SHALL BE 1- 1/2 DEGREES F. CONTROL LIMITS SHALL BE FROM 55 DEGREES F. TO 85 DEGREES F. MOUNT AT 48 INCHES ABOVE FLOOR OR AS REQUIRED BY LOCAL AUTHORITIES OR HANDICAP CODES.

    NOTES: 1) THERMOSTATS THAT ARE PART OF AN ENERGY MANAGEMENT SYSTEM SHALL FOLLOW CONTROL SPECIFICATIONS AND DRAWING REQUIREMENTS.

    2) SHOULD THE LOCATION OF THE THERMOSTAT NOT MEET THE ADA HEIGHT REQUIREMENTS DUE TO OBSTRUCTIONS, THEN AN ALTERNATE LOCATION SHALL BE PROPOSED OR REQUESTED BY THE CONTRACTOR THAT SHALL BE APPROVED BY THE ENGINEER AND ARCHITECT.

6. LINE VOLTAGE THERMOSTATS SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

7. CONTROLS CONTRACTOR AND AIR BALANCE CONTRACTOR SHALL COORDINATE WORK AND PERFORM NECESSARY TASKS AS REQUIRED TO OBTAIN AIR AND WATER FLOW QUANTITIES FOR SYSTEMS SHOWN HEREIN.

8. CONTROLS SHALL BE PROVIDED TO PROVIDE THE MINIMUM RATE OF OUTDOOR AIR REQUIRED BY THE STATE ENERGY REGULATIONS.

----- AIR DISTRIBUTION -----

1. ALL DUCTWORK SHALL BE SHEET METAL CONSTRUCTED OR SPIRAL, ERECTED, AND TESTED IN ACCORDANCE WITH THE MOST RESTRICTIVE OF LOCAL REGULATIONS, PROCEDURES DETAILED IN THE ASHRAE HANDBOOK OF FUNDAMENTALS, CHAPTER 6 OF THE MECHANICAL CODE, OR THE APPLICABLE STANDARDS ADOPTED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION.

2. CONTRACTOR SHALL PROVIDE EXTERIOR MANUAL VOLUME DAMPER HANDLES W/ LOCK-DOWN AFTER COMPLETING AIR BALANCE & OBTAIN FINAL APPROVAL FROM ENGINEER.

3. ALL RECTANGULAR DUCT TURNS IN OUTSIDE AIR DUCTS SHALL HAVE SINGLE WALL TURNING VANES WITH TRAILING EDGE, UNLESS OTHERWISE NOTED.

4. MANUAL VOLUME DAMPERS SHALL BE PROVIDED AND LOCATED AT BRANCH DUCT LOCATIONS. THE MECHANICAL CONTRACTOR SHALL COORDINATE LOCATIONS OF DAMPERS WITH THE AIR BALANCE CONTRACTOR PRIOR TO BID, SO THEY ARE ACCESSIBLE PRIOR TO INSTALLATION. IN LOCATIONS WHERE THESE DAMPERS ARE INACCESSIBLE, CABLE OPERATED ADJUSTMENT CONTROLS SHALL BE PROVIDED AT NO ADDITIONAL COST. OPPOSED BLADE DAMPERS SHALL NOT BE PERMITTED UNLESS NOTED OTHERWISE.

5. UNLESS OTHERWISE NOTED THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING EXTERIOR LOUVERS CALLED OUT HEREIN. COORDINATE SIZE(S) AND LOCATION(S) WITH OTHER TRADES AS NECESSARY PRIOR TO BID.

LEGEND

SYMBOL	ABBR.	DESCRIPTION
	-	SUPPLY AIR RISER
	-	RETURN AIR RISER
	-	EXHAUST AIR RISER
	SAG	SUPPLY AIR GRILLE
	RAG	RETURN AIR GRILLE
	EAG	EXHAUST AIR GRILLE
	SWR	SIDEWALL REGISTER
	(L)	LINED DUCTWORK
	-	FLEXIBLE CONNECTION
	FC	FLEXIBLE CONNECTION
	-	HYDRONIC FLOOR HEATING PIPING
	-	NEW DUCT (SEE PLAN)
	-	EXISTING DUCT (SEE PLAN)
	-	DEMO DUCT (SEE PLAN)
	MVD	MANUAL VOLUME DAMPER
	BDD	BACKDRAFT DAMPER
SF	SFD	SMOKE / FIRE DAMPER
F	FD	FIRE DAMPER
	DL	DOOR LOUVER
U.C.	UC	UNDERCUT DOOR 3/4"
RS	RS	REFRIGERANT SUCTION LINE
RL	RL	REFRIGERANT LIQUID LINE
CD	CD	CONDENSATE DRAIN
	S.D.	SMOKE DETECTOR
	P.O.C.	POINT OF CONNECTION
T	T-STAT	THERMOSTAT
H	H	HUMIDISTAT
TS	TS	TEMPERATURE SENSOR
OS	OS	OVERRIDE SWITCH
PD	PD	PRESSURE DIFFERENTIAL SWITCH
S	S	SWITCH
	O.C.	ON CENTER
	HWR	HOT-WATER RETURN
	HWS	HOT-WATER SUPPLY
	I.D.	INSIDE DIAMETER
	O.D.	OUTSIDE DIAMETER
	W/	WITH
	S/M	SHEET METAL
	S/S	STAINLESS STEEL
	G.C.	GENERAL CONTRACTOR
	VTR	VENT THRU ROOF
	EMS	ENERGY MANAGEMENT SYSTEM
	OBD	OPPOSED BLADE DAMPER
	FSC	FAN SPEED CONTROL
E	E	ITEMS FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR AS SPECIFIED ON THE ELECTRICAL CONTRACT DOCUMENTS
M	M	ITEMS FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR AS SPECIFIED ON THE MECHANICAL CONTRACT DOCUMENTS
EM	EM	ITEMS FURNISHED BY ELECTRICAL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.
ME	ME	ITEMS FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
	C.C.	CONTROLS CONTRACTOR
	CBD	COUNTER-BALANCE DAMPER
DS	D.S.	DOOR SWITCH

SHOP DRAWINGS NOTES

CONTRACTOR SHALL SUBMIT A COMPLETE SET OF SHOP DRAWINGS 14 DAYS AFTER OFFICIAL PROJECT START DATE. INCLUSIVE OF ALL TRADE (MECHANICAL, PLUMBING, ELECTRICAL, ETC.) TO SCALE (MIN. 1/4"=1'-0") PRIOR TO FABRICATION AND OR INSTALLATION OF ANY AND OR ALL HVAC COMPONENTS, SYSTEM AND EQUIPMENT. SHOP DRAWINGS SHALL BE SUBMITTED AS A SINGLE ALL INCLUSIVE PACKAGE DIGITALLY (AUTOCAD 2021). AT A MINIMUM 4 HARD COPY SETS ARE TO BE SUBMITTED TO THE ENGINEER FOR REVIEW. INCOMPLETE AND UNCOORDINATED SUBMITTALS SHALL BE REJECTED UPON RECEIPT.

APPLICABLE CODES

2025 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1 TITLE 24 C.C.R.
2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2014 NEC)
2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
2025 CALIFORNIA ENERGY CODE , PART 6, TITLE 24 C.C.R.
2025 CALIFORNIA FIRE CODE , PART 9, TITLE 24 C.C.R.
2025 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.

TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
AMERICAN WITH DISABILITY ACT.

PARTIAL LIST OF APPLICABLE STANDARDS.

NFPA 13	AUTOMATIC SPRINKLER SYSTEM. 2025 EDITION.
NFPA 24	PRIVATE FIRE MAINS (INCLUDED IN 2016 NFPA 13) 2019 EDITION.
NFPA 72	NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) 2025 EDITION. (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

REFERENCE CODE SECTION FOR NFPA STANDARDS - 2025 CBC (SFM) CHPT. 35

SHEET INDEX

S.NO.	SHEET No.	SHEET TITLE
1	M-0.1	MECHANICAL GENERAL NOTES LEGEND
2	M-100	MECHANICAL ENLARGED REMODEL FLOOR PLAN
3	M-200	MECHANICAL REMODEL ROOF PLAN

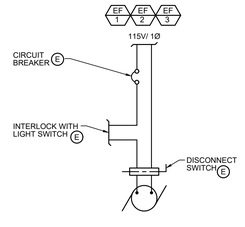
SEISMIC NOTES

MEP COMPONENT ANCHORAGE NOTE

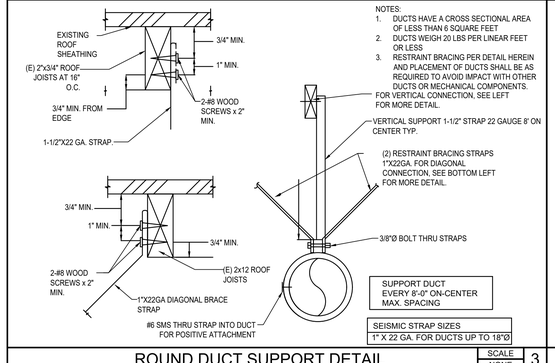
MECHANICAL PIPING AND DUCTWORK SHALL BE INSTALLED AND ANCHORED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS HEREIN. ANCHORAGE DETAILS ARE BASED ON EXCEPTIONS PER ASCE 7-22 AS AMENDED PER 2025 CBC 1617A.1.25 THAT DO NOT REQUIRE SEISMIC DESIGN FOR ANCHORAGE.

DUCTWORK ANCHORAGE NOTES

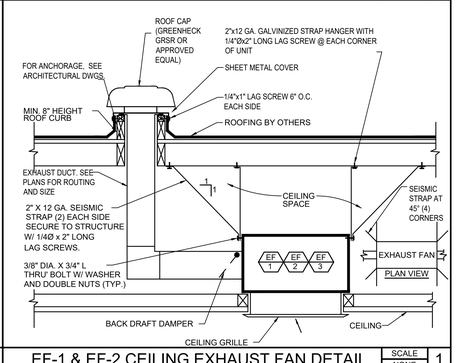
SEISMIC DESIGN FOR HVAC DUCT SUPPORTS NOT REQ'D SINCE 1) DUCTS HAVE A CROSS SECTIONAL AREA OF LESS THAN 6 SQUARE FEET, AND 2) WEIGH 20 LBS PER LINEAR FEET OR LESS, AND 3) PROVISIONS ARE MADE TO AVOID IMPACT WITH OTHER DUCTS OR MECHANICAL COMPONENTS.



EXHAUST FAN INTERLOCK W/ LIGHT CONTROL — SCALE NONE — 2



ROUND DUCT SUPPORT DETAIL — SCALE NONE — 3



EF-1 & EF-2 CEILING EXHAUST FAN DETAIL — SCALE NONE — 1

EXHAUST FAN SCHEDULE

SYM	MFR & MODEL #	ROOM SERVICE	TYPE	CFM	ESP	HP	ELECTRICAL V	ELECTRICAL PH	FAN RPM	WT	ANCH. DETAIL	CONTROL DETAIL	REMARKS
EF 1	GREENHECK SP-B110	SEE PLAN	CEILING	70	0.3	0.0667	115	1	712	11	1 / M-0.1	2 / M-0.1	1, 2, 3, 4
EF 2	GREENHECK SP-B110	SEE PLAN	CEILING	70	0.3	0.0667	115	1	712	11	1 / M-0.1	2 / M-0.1	1, 2, 3, 4
EF 3	GREENHECK SP-B110	SEE PLAN	CEILING	70	0.3	0.0667	115	1	712	11	1 / M-0.1	2 / M-0.1	1, 2, 3, 4

1. GREENHECK BDD
2. GREENHECK ROOF CURB WITH 16 GAGE. SEE SCHEDULE FOR ANCHORAGE ATTACHMENT DETAILS.
3. GREENHECK ROOF CAP (GRSR OR APPROVED EQUAL)
4. INTERLOCK FAN WITH LIGHT CONTROL.

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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NUMBER	PROVIDE WORK / ITEM

oed optimum energy design
Consulting Engineers
5200 E. La Palma Ave
Anaheim, CA 92807
Telephone (714) 693-2277

PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

REGISTERED PROFESSIONAL ENGINEER — REED BANERJEE — No. M29253 Exp. 6/30/27 — MECHANICAL — STATE OF CALIFORNIA

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

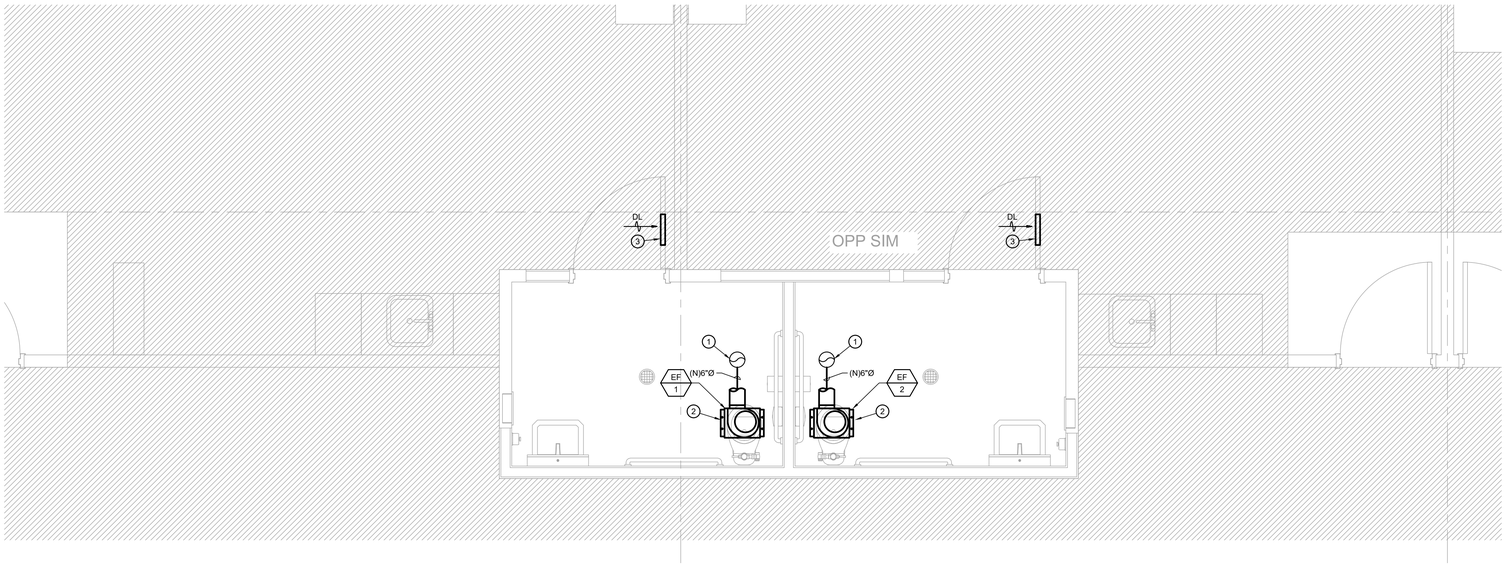
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT — JASON A. CONTRERAS — NO. C-32176 — EXPIRES 07-31-27 — STATE OF CALIFORNIA

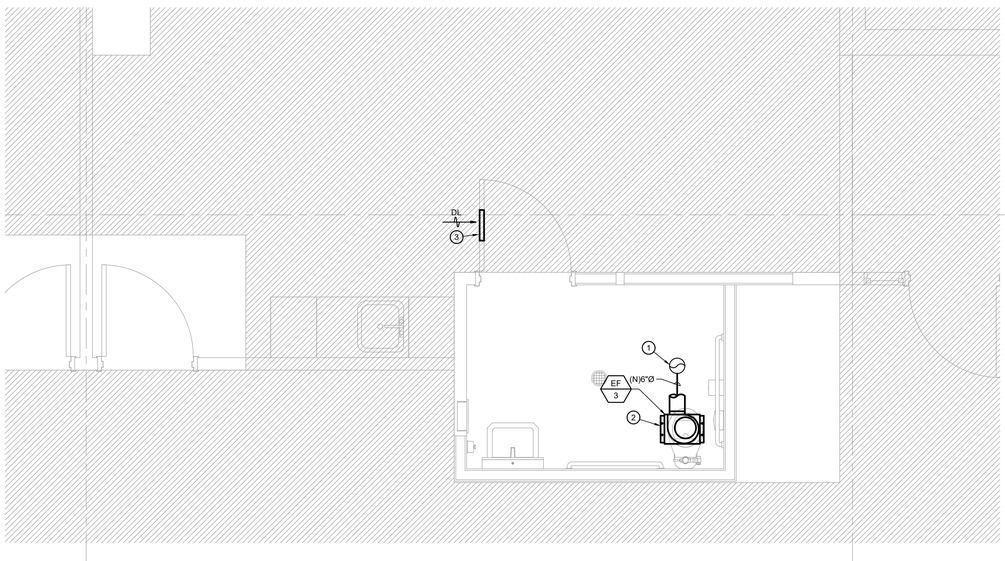
TITLE
MECHANICAL GENERAL NOTES AND LEGEND

SHEET #
M-0.1



CLASSROOM 302 & 303 MECHANICAL FLOOR PLAN | 1

1/2" = 1'-0"



CLASSROOM 304 MECHANICAL FLOOR PLAN | 2

1/2" = 1'-0"

CONSTRUCTION KEY NOTES:

1. NEW 6"Ø DUCT UP THRU ROOF TO ROOF CAP PER DETAIL 1/M-0.1
2. NEW CEILING EXHAUST FAN. SEE DETAIL 1/M-0.1 AND 2/M-0.1, AND FAN SCHEDULE ON M-0.1 FOR MORE INFORMATION. INTERLOCK WITH LIGHT CONTROL.
3. NEW 12"X12" DOOR LOUVER. SEE ARCHITECTURAL PLANS.

GENERAL CONSTRUCTION NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AS NECESSARY PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL ELECTRICAL EQUIPMENT AND SERVICE CLEARANCES FOR MECHANICAL EQUIPMENT.
3. CONTRACTOR SHALL INSTALL PIPING SUCH THAT EQUIPMENT AND ALL APPURTENANCES ARE EASILY SERVICEABLE
4. EXHAUST OUTLETS SHALL BE 10'-0" MIN. AWAY FROM ALL FRESH AIR INTAKES, PLUMBING VENTS, AND FLUES.
5. CONTRACTOR SHALL COORDINATE EXACT EQUIPMENT CURB SIZES AND LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION.
6. MAINTAIN MANUFACTURER MIN. CLEARANCES ON ALL MECHANICAL EQUIPMENT.
7. BEFORE BIDDING ON THIS WORK, THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE PREMISES, EXISTING EQUIPMENT AND SERVICES. HE SHALL DEFINITELY DETERMINE IN ADVANCE, THE METHODS OF INSTALLING AND CONNECTING THE NEW EQUIPMENT, DUCTWORK, AND PIPING THE MEANS TO BE PROVIDED FOR GETTING THE EQUIPMENT AND MATERIALS INTO PLACE AND SHALL MAKE HIMSELF THOROUGHLY FAMILIAR WITH ALL OF THE REQUIREMENTS OF THE PROJECT. FAILURE TO VISIT THE SITE WILL IN NO WAY RELIEVE THE SUCCESSFUL CONTRACTOR OF THE NECESSITY OF FURNISHING ANY MATERIAL OR PERFORMING ANY WORK THAT MAY BE REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THIS ADDITIONAL WORK SHALL BE PERFORMED WITHOUT ADDITIONAL COST TO THE OWNER.
8. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS AND DIMENSIONS OF ALL EXISTING EQUIPMENT AND ELECTRICAL SERVICES IN THE AREA OF CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
9. PATCH AND REPAIR EXISTING SURFACES AS REQUIRED TO FACILITATE DEMOLITION AND/OR PERFORMANCE OF THE NEW WORK. ALL NEW WORK SHALL MATCH IN KIND, QUALITY AND FINISH U.O.N.

AGENCY APPROVAL

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DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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NUMBER	PROVIDE WORK / ITEM

optimum energy design
Consulting Engineers
5200 E. La Palma Ave
Anaheim, CA 92807
Telephone (714) 693-2277

PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

REGISTERED PROFESSIONAL ENGINEER
JASON A. DOMME
No. M29253
Exp. 6/30/27
MECHANICAL
STATE OF CALIFORNIA

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

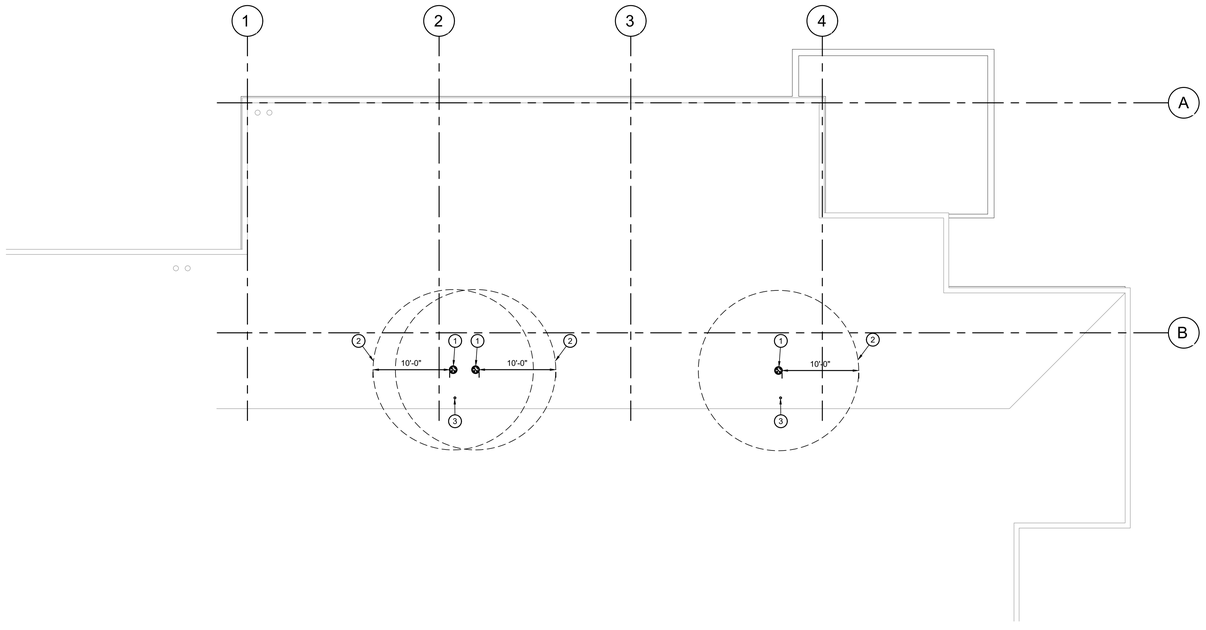
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT
JASON A. DOMME
NO. C-32176
REN. 07-31-27
STATE OF CALIFORNIA

TITLE
MECHANICAL ENLARGED REMODEL FLOOR PLAN

SHEET #
M-100



MECHANICAL REMODEL ROOF PLAN | 1

1/8" = 1'-0"

CONSTRUCTION KEY NOTES:

1. NEW 6"Ø DUCT UP THRU ROOF TO ROOF CAP PER DETAIL 1/M-0.1.
2. EXHAUST OUTLETS SHALL BE 10'-0" MIN. AWAY FROM ALL FRESH AIR INTAKES, PLUMBING VENTS, AND FLUES.
3. PLUMBING VENTS. SEE P SHEETS FOR MORE INFORMATION.

GENERAL CONSTRUCTION NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AS NECESSARY PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL ELECTRICAL EQUIPMENT AND SERVICE CLEARANCES FOR MECHANICAL EQUIPMENT.
3. CONTRACTOR SHALL INSTALL PIPING SUCH THAT EQUIPMENT AND ALL APPURTENANCES ARE EASILY SERVICEABLE.
4. EXHAUST OUTLETS SHALL BE 10'-0" MIN. AWAY FROM ALL FRESH AIR INTAKES, PLUMBING VENTS, AND FLUES.
5. CONTRACTOR SHALL COORDINATE EXACT EQUIPMENT CURB SIZES AND LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION.
6. MAINTAIN MANUFACTURER MIN. CLEARANCES ON ALL MECHANICAL EQUIPMENT.
7. BEFORE BIDDING ON THIS WORK, THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE PREMISES, EXISTING EQUIPMENT AND SERVICES. HE SHALL DEFINITELY DETERMINE IN ADVANCE, THE METHODS OF INSTALLING AND CONNECTING THE NEW EQUIPMENT, DUCTWORK, AND PIPING THE MEANS TO BE PROVIDED FOR GETTING THE EQUIPMENT AND MATERIALS INTO PLACE AND SHALL MAKE HIMSELF THOROUGHLY FAMILIAR WITH ALL OF THE REQUIREMENTS OF THE PROJECT. FAILURE TO VISIT THE SITE WILL IN NO WAY RELIEVE THE SUCCESSFUL CONTRACTOR OF THE NECESSITY OF FURNISHING ANY MATERIAL OR PERFORMING ANY WORK THAT MAY BE REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THIS ADDITIONAL WORK SHALL BE PERFORMED WITHOUT ADDITIONAL COST TO THE OWNER.
8. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS AND DIMENSIONS OF ALL EXISTING EQUIPMENT AND ELECTRICAL SERVICES IN THE AREA OF CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
9. PATCH AND REPAIR EXISTING SURFACES AS REQUIRED TO FACILITATE DEMOLITION AND/OR PERFORMANCE OF THE NEW WORK. ALL NEW WORK SHALL MATCH IN KIND, QUALITY AND FINISH U.O.N.

AGENCY APPROVAL

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Consulting Engineers
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PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

REGISTERED PROFESSIONAL ENGINEER
ROBERT BANEVEZ
No. M29253
Exp. 8/30/27
MECHANICAL
STATE OF CALIFORNIA

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT # 025.0170.00

DESIGN PROFESSIONAL

LICENSED ARCHITECT
JASON A. DOMINGUEZ
NO. C-32176
REN. 07-31-27
STATE OF CALIFORNIA

TITLE
MECHANICAL REMODEL ROOF PLAN

SHEET #
M-200

MEP COMPONENT ANCHORAGE NOTE

All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the DSA-approved construction documents. The following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2025 CBC Sections 1617A.1.18 through 1617A.1.26 and ASCE 7-16 Chapters 13, 26, and 30:

1. All permanent equipment and components.
2. Temporary, movable or mobile equipment that is permanently attached (e.g. hard wired) to the building utility services such as electricity, gas or water. "Permanently attached" shall include all electrical connections except plugs for 110/220 volt receptacles having a flexible cable.
3. Temporary, movable or mobile equipment which is heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly 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 having a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.

B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

The anchorage of all mechanical, electrical and plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance by DSA. The project inspector will verify that all components and equipment have been anchored in accordance with the above requirements.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

MEP Distribution System Bracing Note for Piping, Ductwork, and Electrical Conduit:

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7 Section 13.3 as defined in ASCE 7 Sections 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. The MEP design professional engineer responsible for content on these sheets has verified that the design methods identified below are in accordance with DSA IR 16-13.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP), Electrical Distribution Systems (E):

MP ☐ MD ☐ PP ☒ E ☐ Option 1: Project-Specific Design.

MP ☐ MD ☐ PP ☐ E ☐ Option 2: Design Based on OSHPD OPM, Within Project Submittal

MP ☐ MD ☐ PP ☐ E ☐ Option 3: Design Based on OSHPD OPM, Deferred Submittal

APPLICABLE CODES

BUILDING OCCUPANCY CLASSIFICATION: -

THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF:

CODES

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

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY EXACT LOCATION OF EXISTING LINES, LATERALS AND WYES BEFORE STARTING. SHOULD IT BE NECESSARY TO REROUTE LINES DUE TO CONDITIONS FOUND ON THE SITE OR IF INDICATED P.O.C. CANNOT BE MADE TO THE LINES AS FOUND, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE INSTALLING ANY WORK WHICH MAY BE AFFECTED.
2. OFFSET PIPES AS REQUIRED TO CLEAR MECHANICAL DUCTWORK.
3. FURNISH AND INSTALL A SHUT-OFF VALVE, PLUG COCK OR STOP AT EACH PIECE OF EQUIPMENT FURNISHED BY OTHERS REQUIRING DRAIN, WASTE, WATER, ETC.
4. SEAL AND FLASH ALL PENETRATIONS THROUGH ROOF WATERTIGHT.
5. THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT ALL OFFSETS, BENDS, SPECIAL FITTINGS AND LOCATIONS ARE NOT EXACTLY LOCATED. THE CONTRACTOR SHALL LOCATE ALL OFFSETS, BENDS, AND SPECIAL FITTINGS TO SUIT JOB SITE CONDITIONS. THEREFORE THE CONTRACTOR SHALL MAKE HIMSELF FULLY AWARE OF ALL EXISTING CONDITIONS AND LOCATE ALL REQUIRED SPECIAL FITTINGS TO SUIT EXISTING CONDITIONS.
6. THIS CONTRACTOR SHALL COMPLY WITH ALL CONTRACT DOCUMENTS IN LAYING OUT HIS WORK AND EQUIPMENT. HE SHALL COORDINATE THE WORK OF THIS SECTION WITH THE WORK OF OTHER TRADES AND ALL JOB CONDITIONS.
7. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, CHARGES, AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF WORK, INCLUDING ALL CHARGES BY STATE, COUNTY AND LOCAL GOVERNMENT AGENCIES.
8. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL TRADES AT THE SITE. ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE PLANS SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
9. AFTER ALL REQUIREMENTS OF THE SPECIFICATIONS AND/OR THE DRAWINGS HAVE BEEN FULLY COMPLETED, REPRESENTATIVES OF THE OWNER WILL INSPECT THE WORK. THE CONTRACTOR SHALL PROVIDE COMPETENT PERSONNEL TO DEMONSTRATE THE OPERATION OF ANY ITEM OR SYSTEM, TO THE FULL SATISFACTION OF EACH REPRESENTATIVE. FINAL ACCEPTANCE OF THE WORK WILL BE MADE BY THE OWNER AFTER RECEIPT OF APPROVAL AND RECOMMENDATION OF ACCEPTANCE FROM EACH REPRESENTATIVE.
10. WHEREVER A DISCREPANCY IN QUANTITY OR SIZE OF MECHANICAL EQUIPMENT MATERIAL ARISES ON THE DRAWINGS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON DRAWINGS AND/OR IN THE SPECIFICATION TO ENSURE COMPLETE AND OPERABLE SYSTEMS.
11. ALL PIPING INSULATION AND SEALING MATERIALS SHALL HAVE FLAME SPREAD RATING NOT EXCEEDING 25 AND SMOKE DEVELOPED RATING NOT EXCEEDING 50.
12. BEFORE ORDERING ANY PIECE OF EQUIPMENT, THE CONTRACTOR SHALL PROVIDE EQUIPMENT SUBMITTALS, SHOP DRAWINGS WITH EQUIPMENT DIMENSIONS, AND SITE CLEARANCE AVAILABLE. WHERE REQUIRED BY SPACE LIMITATIONS HAVE UNITS SHIPPED IN SECTIONS.
13. SANITARY VENTS TO BE 10'-0" FROM ANY AND ALL FRESH AIR INTAKES, FAN DISCHARGE OR HEATING EQUIPMENT.
14. ALL PIPE BRANCH CONNECTIONS SHALL OFF-SET. NO "BULL HEAD" CONNECTIONS WILL BE ALLOWED.
15. ALL EXISTING PLUMBING LINES SHOWN ARE TAKEN FROM EXISTING DRAWINGS WHICH INDICATE APPROXIMATE LOCATION ONLY. THE CONTRACTOR IS TO INCLUDE IN HIS BID TO PERFORM FIELD INVESTIGATION TO PIN POINT THE EXACT LOCATION AS REQUIRED FOR DEMOLITION OR MAKING NEW CONNECTION.
16. INTERRUPTION OF EXISTING SERVICES: THE CONTRACTOR'S ATTENTION IS CALLED TO THE PRESENCE OF EXISTING, CONDUIT, PIPING, ETC. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE PROPER AND APPROVED REPAIR OF ANY AND ALL DAMAGE BY HIM OR HIS CAUSED WORK TO EXISTING BUILDINGS, CONDUIT, PIPING, PLANTS, ETC. NEW WORK AND INSTALLATIONS SHALL BE MADE WITH MINIMAL INTERRUPTIONS OF SERVICES TO EXISTING BUILDINGS ANY INTERRUPTIONS REQUIRED SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO THE OWNER, AND AT TIMES AS APPROVED IN ADVANCE BY THE ARCHITECT. NEW WORK AND INSTALLATIONS SHALL NOT IMPAIR THE PROPER FUNCTIONING OF THE EXISTING FACILITY. THE COMPLETED PROJECT SHALL BE A PROPERLY FUNCTIONING ENTITY THROUGHOUT. FURNISH ALL LABOR AND MATERIALS REQUIRED TO RELOCATE, REMOVE, REINSTALL, RECONNECT, REPLACE, ETC., ANY EXISTING PIPING TO ACCOMMODATE THE WORK. MATERIALS SHALL BE AS SPECIFIED UNLESS OTHERWISE APPROVED I N WRITING BY THE ARCHITECT. CONTRACTOR SHALL INCLUDE IN HIS BID ANY EXTRA WORK REQUIRED TO MINIMIZE SHUTDOWN TIME.
17. WHERE EQUIPMENT IS NOTED AND/OR SHOWN TO BE REMOVED AND/ OR RELOCATED, THIS REMOVAL AND/OR RELOCATION SHALL INCLUDE ALL PIPING, SUPPORT, TRIM, ETC. CONSIDERED TO BE A FUNCTIONING PART OF THE ITEM.
18. ALL EXISTING PIPING AND EQUIPMENT THAT IS REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
19. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
20. CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS AND CEILING OPENED DURING CONSTRUCTION TO MATCH EXISTING.
21. ALL UTILITIES BEING REMOVED FOR THE PROJECT SHALL BE REMOVED BACK TO ITS SOURCE.
22. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DISTRICT STRUCTURAL ENGINEER FROM THE DIVISION OF THE STATE ARCHITECT.
23. ALL PIPING AND RELATED VALVES AND FITTINGS TO BE DEMOLISHED SHALL BE DISPOSED AND REMOVED FROM THE PROJECT SITE.
24. ALL PIPING SHOWN TO BE DEMOLISHED AND/OR REMOVED SHALL BE CAPPED OFF AT THE POINT OF DEMOLITION AND CLEAR FROM INTERFERENCE FROM NEW WORK BEING INSTALLED.
25. ANY DISCREPANCIES ARISE BETWEEN THE PLUMBING DRAWINGS AND OTHER DISCIPLINES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BID AND CONSTRUCTION.

LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	CW	COLD WATER
	S / W	SEWER / WASTE
	V	VENT
TP	TP	TRAP PRIMER
		DIRECTION OF FLOW
	SOV	SHUT-OFF VALVE
	BV	BALANCING VALVE
	FCO	FLOOR CLEANOUT
	WCO	CLEANOUT
		RISER UP
		RISER DOWN
	ABV	ABOVE
	BEL	BELOW
	CLG	CEILING
	COTG	CLEANOUT TO GRADE
	CONT	CONTINUATION
	DN	DOWN
	(E)	EXISTING
	FLR	FLOOR
	POC	POINT OF CONNECTION
#		DEMOLITION KEYNOTE
#		REMODEL KEYNOTE
		POINT OF DISCONNECT
	VTR	VENT THRU ROOF
	WHA	WATER HAMMER ARRESTOR

PIPE MATERIAL SCHEDULE

SERVICE			MATERIAL: SEAMLESS COPPER TUBING, TYPE L, DRAWN TEMPER, ASTM B88, NO LEAD SOLDER FITTING	COPPER TYPE M 95/5 SOLDER OR SCHEDULE 40 PVC	BACK STEEL SCH 40	SERVICE WEIGHT CAST IRON SOIL PIPE WITH NO-HUB	HDPE, HIGH DENSITY POLYETHYLENE SDR 11	COPPER TYPE K 95/5 SOLDER	REMARKS
WATER	(CW)	ABOVE	●						5 PSI/100 FT. @ 8FT/S MAX VELOCITY
		BELOW						●	
WASTE & VENT	(W)	ABOVE				●			GRAVITY @ 2% SLOPE. RESTROOM TO SUMP PIT
	(V)	BELOW				●			

A) MATERIALS FOR DRAINAGE PIPING SHALL BE IN ACCORDANCE WITH ONE OF THE REFERENCED STANDARDS IN TABLE 701.2. MATERIALS FOR BUILDING WATER PIPING AND BUILDING SUPPLY PIPING SHALL COMPLY WITH THE APPLICABLE STANDARD REFERENCED IN TABLE 604.1.
B) PIPING SUBJECT TO CORROSION SHALL BE PROTECTED IN AN APPROVED MANNER. PROVIDE THE METHOD OF PROTECTION FOR SUCH PIPING FOR UNDERGROUND INSTALLATIONS. [CPC 312.0]

SHEET INDEX

S.NO.	SHEET No.	SHEET TITLE
1	P-0.1	PLUMBING GENERAL NOTES AND LEGEND
2	P-0.2	PLUMBING SCHEDULE
3	P-100	PLUMBING ENLARGED REMODEL FLOOR PLANS
4	P-200	PLUMBING REMODEL ROOF PLAN
5	P-4.1	PLUMBING DETAILS

AGENCY APPROVAL

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NUMBER	PROVIDE WORK / ITEM

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PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

REGISTERED PROFESSIONAL ENGINEER — ABBY SNYDER — No. M29253 Exp. 6/30/27 — CIVIL — STATE OF CALIFORNIA

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT — JASON A. DONATE — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE
PLUMBING GENERAL NOTES AND LEGEND

SHEET #
P-0.1

PLUMBING FIXTURE SCHEDULE

ITEM	FIXTURE	ROUGH-IN CONNECTIONS						DESCRIPTION
		TRAP	WASTE	VENT	HOT WATER	COLD WATER	GAS	
WC 1	WATER CLOSET (ADA)	INT	4"	2"	--	1-1/2"	--	AMERICAN STANDARD "MADERA YOUTH" #2599.001, FLOOR MOUNTED, VITREOUS CHINA W/ ELONGATED BOWL. AMERICAN STANDARD #5901.100, ELONGATED, FRONT SEAT LESS COVER. AMERICAN STANDARD #6047.121.002, MANUAL FLUSH VALVE, 1.28 GPF, ADA COMPLIANT. INSTALL PER MFR INSTRUCTIONS.
L 1	LAVATORY (ADA)	1-1/4"	2"	2"	1/2"	1/2"	--	AMERICAN STANDARD "LUCERNE" MODEL #0356.421 SINGLE CENTER HOLE, WALL-HUNG LAVATORY, VITREOUS CHINA. AMERICAN STANDARD #1340.119, DECK-MOUNTED METERING FAUCET, SINGLE-HOLE MOUNTING, 0.5 GPM. ADA COMPLIANT CHICAGO 1006-ABCP STOPS AND SUPPLIES, P-TRAP.TRUEBRO LAVGUARD-2, STOPS AND SUPPLY AND P-TRAP INSULATION. JAY R. SMITH #0720 WALL MOUNTED CONCEALED ARMS SUPPORT OR EQUAL.
WCO 1	WALL CLEANOUT	--	2" OR 3"	--	--	--	--	ZURN #CO-2412 WALL CLEANOUT, 2" x 3" CLEANOUT BODY AND PLUG, CLEANOUT FITS OVER 2" OR INSIDE 3" SCH. 40 DWV PIPE. PVC PLUG WITH A BRASS THREADED INSERT.
FD 1	FLOOR DRAIN	2"	2"	2"	--	--	--	ZURN NO. Z415B-P, CAST IRON BODY, COMPLETE WITH ROUND NICKEL-BRONZE TOP W/1/2" MAXIMUM HOLES IN GRATE, CLAMPING COLLAR, 1/2" TRAP PRIMER CONNECTION AND P-TRAP.
TP 1	TRAP PRIMER	--	--	--	--	1/2"	--	MIFAB NO. MR-500 TRAP PRIMER VALVE, BRASS BODY, ADJUSTABLE, COMPLETE WITH MI-DU DISTRIBUTION UNIT, 1/2" COPPER TYPE "L" PIPE TO EACH RECEPTOR, INSTALL PER MANUFACTURER'S RECOMMENDATIONS COMPLETE BEHIND ACCESS PANEL WITH SHUT-OFF VALVE. CERTIFIED TO THE A.S.S.E. STANDARD 1018.

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3

PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

2

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

REGISTERED PROFESSIONAL ENGINEER — REZA BANEFSHE — No. M29253 Exp. 6/30/27 — MECHANICAL — STATE OF CALIFORNIA

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

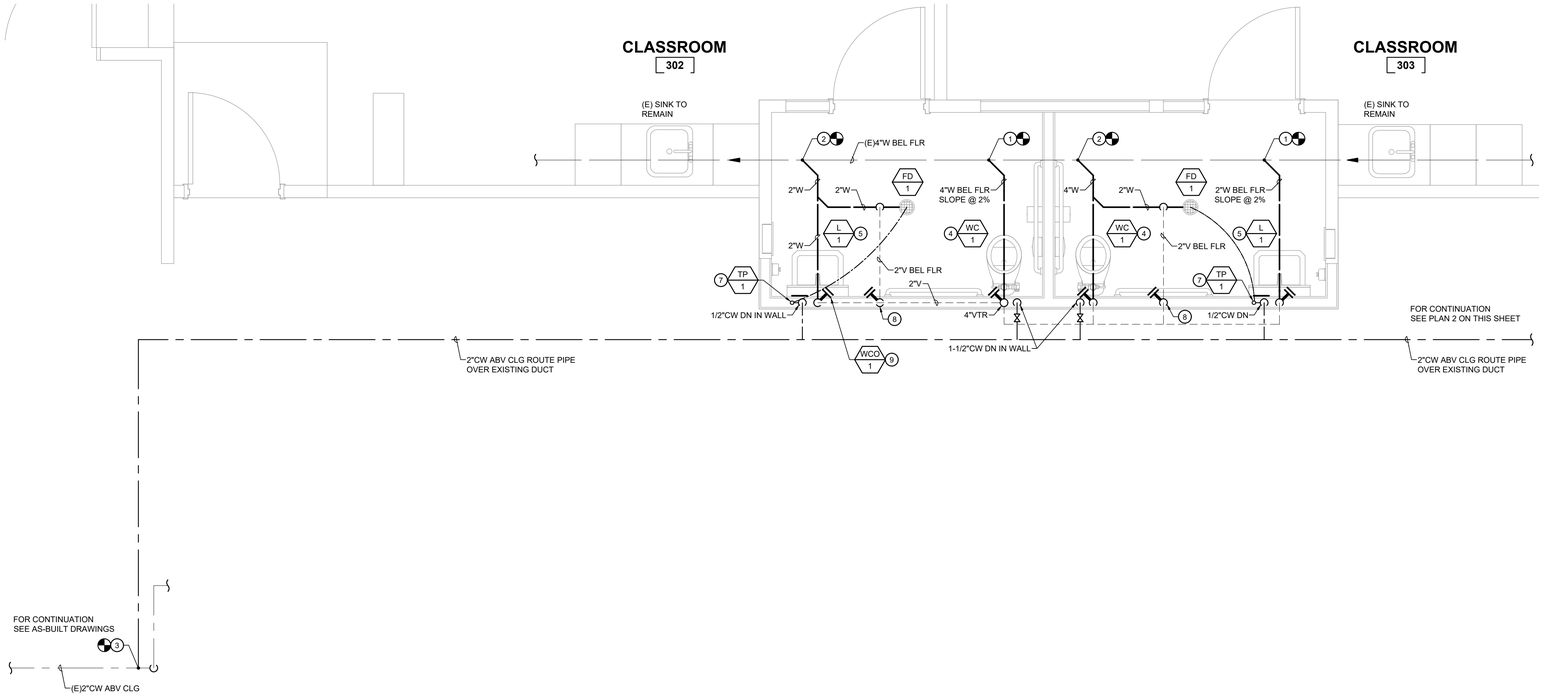
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LICENSED ARCHITECT — JASON A. DOMINGUEZ — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE
PLUMBING SCHEDULE

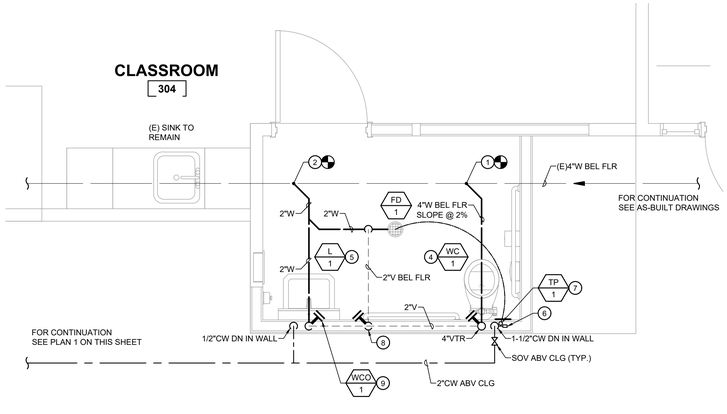
SHEET #
P-0.2

E D C B A



PLUMBING CLASSROOM 302 & 303 FLOOR PLAN | 1

1/2" = 1'-0"



PLUMBING CLASSROOM 304 FLOOR PLAN | 2

1/2" = 1'-0"

CONSTRUCTION GENERAL NOTES:

1. FIELD VERIFY EXISTING SEWER AND COLD WATER PIPING LOCATION.
2. ALL FIXTURES, EQUIPMENT, PIPING AND MATERIALS SHALL BE LISTED.
3. WATER PIPES AND FITTINGS WITH LEAD CONTENT WHICH EXCEEDS 0.25% SHALL BE PROHIBITED IN SYSTEMS CONVEYING POTABLE WATER.

CONSTRUCTION KEYNOTES:

1. CONNECT NEW 4"W TO EXISTING 4" SEWER BEL FLOOR. VERIFY EXACT LOCATION, SIZE AND DEPTH IN FIELD.
2. CONNECT NEW 2"W TO EXISTING 4" SEWER BEL FLOOR. VERIFY EXACT LOCATION, SIZE AND DEPTH IN FIELD.
3. CONNECT NEW 2"CW TO EXISTING 2"CW ABV CLG. VERIFY EXACT LOCATION AND SIZE IN FIELD.
4. NEW WATER CLOSET. 1-1/2"CW , 4"W DN, 2"V UP. ROUGH IN & CONNECT AS REQUIRED.
5. NEW LAV. 1/2"CW, 2"W DN, 2"V UP. ROUGH IN & CONNECT AS REQUIRED.
6. WATER HAMMER ARRESTOR BEHIND ACCESS PANEL. JR SMITH STAINLESS STEEL DRYWALL ACCESS PANEL OR EQUAL (VERIFY SIZE W/ ARCHITECT)
7. 1/2"CW DN BEL FLR TO FLOOR DRAIN WITH TRAP PRIMER BEHIND ACCESS PANEL. JR SMITH STAINLESS STEEL DRYWALL ACCESS PANEL OR EQUAL (VERIFY SIZE W/ ARCHITECT)
8. 2"V UP FROM BEL FLOOR TO 2"V WCO 6" AFF MIN IN WALL 2"V UP TO ABV CLG.
9. WCO (TYPICAL FOR ALL PLUMBING FIXTURE)

INSTALLATION NOTES FOR DWV PIPING:

1. Cleanouts
   a. ALL REQUIRED CLEAN-OUTS SHALL BE INSTALLED AS PER SECTION 707.0 AND 719.0 OF THE 2025 CPC.
   b. PROVIDE END OF LINE CLEANOUTS ON ALL BRANCHES 5 FEET OR LONGER IN LENGTH.
   c. PROVIDE UPPER TERMINAL WALL CLEANOUTS FOR ALL HORIZONTAL DRAINAGE PIPING SERVING LAVATORIES, SINKS AND URINALS.
   d. PROVIDE A CLEARANCE OF NOT LESS THAN 18 INCHES IN FRONT OF THE CLEANOUTS. PLUG SHALL CONSIST AS PER TABLE 707.1.
2. Sanitary Vents
   a. UNLESS PROHIBITED BY STRUCTURAL CONDITIONS, EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN 6 INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY, AND WHERE TWO OR MORE VENT PIPES CONVERGE, EACH SUCH VENT PIPE SHALL RISE TO A POINT NOT LESS THAN 6 INCHES IN HEIGHT ABOVE THE FLOOD-LEVEL RIM OF THE PLUMBING FIXTURE IT SERVES BEFORE BEING CONNECTED TO ANY OTHER VENT. VENTS LESS THAN 6 INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SHALL BE INSTALLED WITH APPROVED DRAINAGE FITTINGS, MATERIAL AND GRADE TO THE DRAIN. CPC SECTION 905.3.
   b. EACH VENT SHALL TERMINATE NOT LESS THAN 10 FEET FROM, OR NOT LESS THAN 3 FEET ABOVE, AN OPERABLE WINDOW, DOOR, OPENING, AIR INTAKE, OR VENT SHAFT, OR LESS THAN 3 FEET IN EVERY DIRECTION FROM A LOT LINE, ALLEY AND STREET EXCEPTED. CPC SECTION 906.2.
3. Horizontal to Horizontal
   a. HORIZONTAL DRAINAGE LINES CONNECTING WITH OTHER HORIZONTAL DRAINAGE LINES SHALL ENTER THROUGH 45 DEGREE (0.79 RAD) WYE BRANCHES, COMBINATION WYE AND ONE-EIGHTH BEND BRANCHES, OR OTHER APPROVED FITTING OF EQUIVALENT SWEEP.

INSTALLATION NOTES SERVICE WATER PIPING:

1. Disinfection
   a. DISINFECT NEW OR REPAIRED POTABLE WATER SYSTEMS PRIOR TO USE ACCORDING TO THE METHOD SET IN SECTION 609.9 (1 thru 3) OF THE PLUMBING CODE. CONTRACTOR SHALL PROVIDE A SIGNED WRITTEN DECLARATION TO THE INSPECTOR AT TIME OF INSPECTION THAT POTABLE WATER SYSTEM HAS BEEN DISINFECTED PER SECTION 609.9.
2. Insulation
   a. WATER SUPPLY AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE BE CONFIGURED TO PROTECT AGAINST CONTACT. PROTECTORS, INSULATORS, OR BOTH SHALL COMPLY WITH ASME A112.18.9, AND SECTION 403.3.

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PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

REGISTERED PROFESSIONAL ENGINEER — REED BAKEFIELD — No. M29253 Exp. 6/30/27 — MECHANICAL — STATE OF CALIFORNIA

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

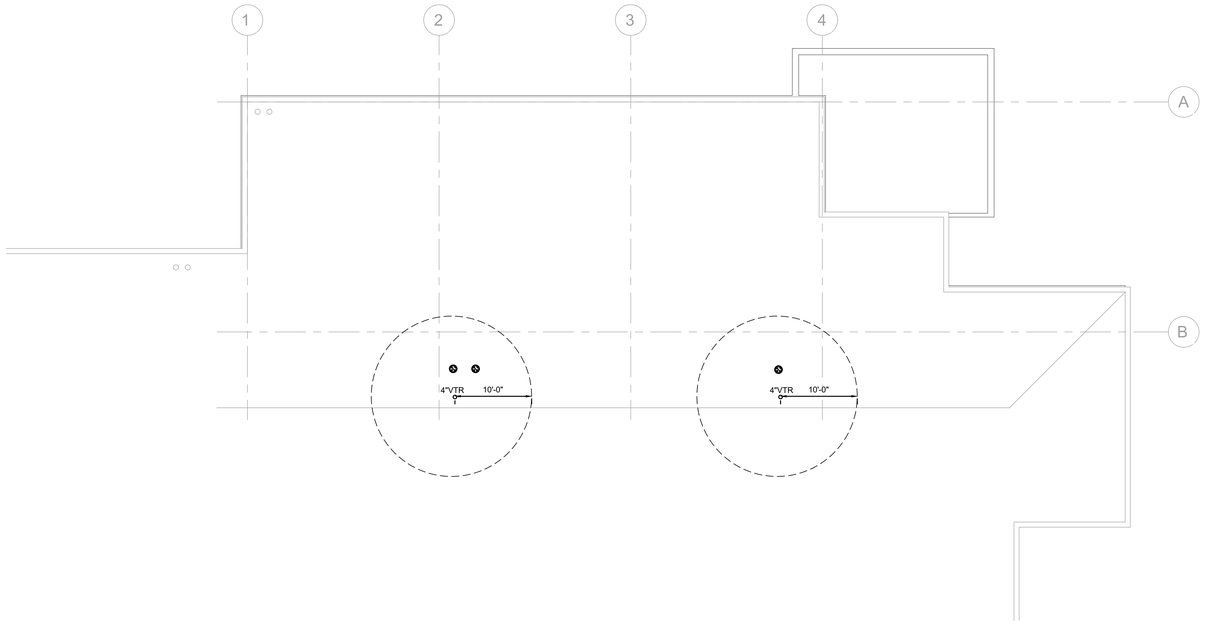
PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT — JASON A. DOLLAR — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE
PLUMBING ENLARGED REMODEL FLOOR PLAN

SHEET #
P-100



PLUMBING REMODEL ROOF PLAN 1

1/8" = 1'-0"

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DSA PROJECT # - **04-125244**

DATE **02/23/2026**

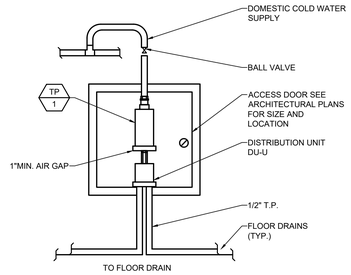
PROJECT # 025.0170.00

DESIGN PROFESSIONAL

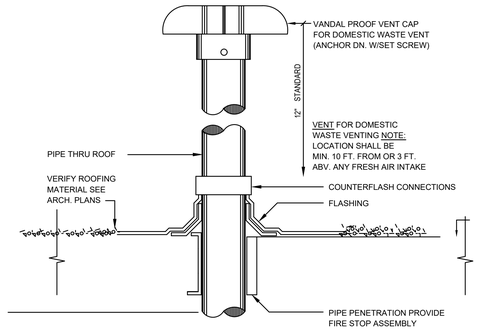
LICENSED ARCHITECT — JASON A. DOLAN — No. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE
PLUMBING REMODEL ROOF PLAN

SHEET #
P-200



TRAP PRIMER DETAIL | SCALE NONE | 2



VENT THRU ROOF DETAIL | SCALE NONE | 1

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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NUMBER	PROVIDE WORK / ITEM

optimum energy design
Consulting Engineers
5200 E. La Palma Ave
Anaheim, CA 92807
Telephone (714) 693-2277

PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

REGISTERED PROFESSIONAL ENGINEER
JEFF BARFUSS
No. M29253
Exp. 6/30/27
MECHANICAL
STATE OF CALIFORNIA

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT # **025.0170.00**

DESIGN PROFESSIONAL

LICENSED ARCHITECT
JASON A. DOMINGUEZ
NO. C-32176
REN. 07-31-27
STATE OF CALIFORNIA

TITLE
PLUMBING DETAILS

SHEET #
P-4.1

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS, ADDENDA, DRAWINGS, AND SPECIFICATIONS. PRIOR TO SUBMITTING PROPOSAL, CONTRACTOR SHALL EXAMINE ARCHITECTURAL, STRUCTURAL AND MECHANICAL CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND SHALL HAVE VISITED THE CONSTRUCTION SITE. HE/SHE SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS UNDER WHICH HE/SHE WILL HAVE TO OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS/HER PART. DETERMINE THE SEQUENCE OF CONSTRUCTION THROUGHOUT THE PROJECT, INCLUDING TEMPORARY FACILITIES AND CONNECTIONS REQUIRED FOR THE DURATION OF THE PROJECT.

2. ALL TEMPORARY CONNECTIONS SHALL BE CONSIDERED PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY, PERSONAL, AND PROPERTY DAMAGE, TO FULLY PROTECT THE OWNER, ARCHITECT, AND ENGINEER FROM ANY AND ALL CLAIMS RESULTING FROM THIS WORK.

4. THE CONTRACTOR SHALL PROVIDE TO THE ARCHITECT A CONSTRUCTION SCHEDULE OF ALL ELECTRICAL WORK. THE CONSTRUCTION SCHEDULE SHALL IDENTIFY ALL SIGNIFICANT MILESTONES WITH COMPLETION DATES.

5. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AT THE PROJECT SITE INDICATING ALL MODIFICATIONS TO ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL, AT THE CONCLUSION OF THE PROJECT, PROVIDE A SET OF REPRODUCIBLE (AUTOCAD), ACCURATE AND NEAT "AS-BUILT" DRAWINGS ACCEPTABLE TO THE ARCHITECT.

6. THESE DRAWINGS DO NOT REPRESENT THE EXACT LOCATIONS, SIZES OR EXTENT OF UTILITIES ON SITE. CONTRACTOR SHALL TAKE STANDARD PRECAUTIONS FOR WORK IN EXISTING FACILITIES.

7. EXISTING ELECTRICAL WIRING WHICH WILL NOT BE MADE OBSOLETE AND WHICH WILL BE DISTURBED DUE TO CONSTRUCTION CHANGES REQUIRED BY THIS CONTRACT SHALL BE RESTORED TO OPERATING CONDITION, AS REQUIRED AND/OR DIRECTED. WHERE REQUIRED, SHOWN AND/OR DIRECTED, OUTLETS AND CONDUIT RUNS SHALL BE RELOCATED. IN SOME CASES IT MAY BE NECESSARY TO EXTEND CONDUITS AND PULL IN NEW WIRING OR INSTALL JUNCTION BOXES AND SPLICE IN NEW WIRING OR REPLACE OLD WIRING WITH NEW.

8. CERTAIN REMODELING OF ELECTRICAL FACILITIES WILL BE REQUIRED IN THE EXISTING BUILDING. EXISTING CONDUIT RUNS ARE GENERALLY NOT SHOWN, ALTHOUGH A FULL ATTEMPT HAS BEEN MADE TO SHOW SOME EXISTING CONDITIONS, OF WHICH INFORMATION HAS BEEN TAKEN FROM EXISTING RECORD DRAWINGS AND/OR LIMITED FIELD INVESTIGATIONS. THE DRAWINGS SHOWING LOCATION OF EXISTING EQUIPMENT, OUTLETS, FIXTURES, ETC., ARE APPROXIMATE ONLY (CONTRACTOR TO FIELD VERIFY).

9. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND SHALL BE INSTALLED AS PER LISTING OR LABELING (IE. MAXIMUM FUSE SIZE MEANS FUSE PROTECTION IS REQUIRED).

10. ALL ELECTRICAL EQUIPMENT AND INSTALLATION SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
    a. AMERICAN STANDARD ASSOCIATION (ASA)
    b. AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)
    c. AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)
    d. CALIFORNIA CODE OF REGULATIONS TITLE 24 (CCR)
    e. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
    f. INSULATED POWER CABLE ENGINEERS ASSOCIATIONS (IPCEA)
    g. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATIONS (NEMA)
    h. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
    i. ALL LOCAL CODE HAVING JURISDICTION

11. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY STATE, COUNTY AND LOCAL GOVERNMENTAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ELECTRICAL UTILITY SYSTEM SHUT-DOWNS AND START-UP. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION REQUIRED WITH OTHER AGENCIES AND UTILITY COMPANIES.

12. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CROSSINGS ON NEW UTILITIES WITH THAT OF EXISTING ON SITE AND IN ADJACENT PROPERTIES. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DEVIATIONS OR DISCREPANCIES FROM THIS PLAN.

13. CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH OTHER TRADE ON SITE. ANY COST TO PERFORM WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE DRAWINGS SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING BID TIME FOR CLARIFICATIONS. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE ARCHITECT/ENGINEER AT NO ADDITIONAL COST TO THE OWNER.

14. COORDINATE WITH OTHER TRADES AS TO THE EXACT LOCATION OF THEIR RESPECTIVE EQUIPMENT. PROVIDE POWER AND CONNECTION TO MOTORS AND EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS AS INDICATED ON ELECTRICAL DRAWINGS AND DRAWINGS OF OTHER TRADES. CONTRACTOR SHALL REVIEW DRAWINGS OF OTHER TRADES FOR CONTROL DIAGRAMS, SIZE AND LOCATION OF EQUIPMENT. DISCONNECT SWITCHES, STARTERS, AND CONDUITS FOR CONTROL WIRING FOR MECHANICAL AND PLUMBING EQUIPMENT SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING MANUFACTURER'S SHOP DRAWINGS PRIOR TO ROUGHING IN ALL CONDUITS TO THIS EQUIPMENT.

15. BEFORE ROUGH-IN, VERIFY ALL MOUNTING HEIGHTS AND EXACT LOCATIONS FOR ALL EQUIPMENT, ELECTRICAL CONNECTIONS, STUB-UPS, RECEPTACLES, OUTLETS, CONDUIT RUNS, ETC. WITH ARCHITECT AND OWNER. PLACE DEVICES LOCATED ABOVE COUNTERS, SHELVING, ETC. AND IN BATHROOMS SO AS NOT TO CONFLICT WITH EDGES OF WAINSCOTING, COUNTER SPLASH, SHELVING, ETC. ARCHITECTURAL DRAWINGS SHALL GOVERN. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF ELECTRICAL DEVICES

16. MOUNTING HEIGHTS OF ALL CONTROL DEVICES TO BE USED BY OCCUPANT OF THE ROOM OR AREA SHALL BE MOUNTED AT THE FOLLOWING HEIGHTS:
    RECEPTACLES OUTLETS : +18" (TO BOTTOM OF OUTLETS)
    TELEPHONE/TV/DATA OUTLETS : +18" (TO BOTTOM OF OUTLETS)
    LIGHT SWITCHES : +44" (TO HIGHEST OPERABLE PART)
    OUTLETS ABOVE COUNTER : +44" (TO HIGHEST OPERABLE PART)
    MOUNTING HEIGHTS OF ALL DEVICES AND EQUIPMENT ARE FROM FINISHED FLOOR TO LOCATION OF DEVICE AS NOTED. EQUIPMENT INSTALLED IN LOCATIONS NOT APPROVED BY THE ARCHITECT SHALL BE RELOCATED AS DIRECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.

17. COORDINATE ALL OUTLET BOX INSTALLATION WITH ARCHITECTURAL WALL FINISH SCHEDULES. SPACE BETWEEN FACEPLATE AND DEVICE BOX SHALL NOT EXCEED 1/8".

18. FOR RENOVATION WORK, THE CONTRACTOR SHALL CONCEAL ALL WORK WHERE POSSIBLE. ALL EXPOSED RACEWAY AND BOXES IN OCCUPIED AREAS OR ON EXTERIOR WALLS SHALL BE PAINTED TO MATCH ADJACENT FINISHES.

19. THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRING PATCHING, PLASTERING, PAINTING AND/OR OTHER REPAIR DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THIS SPECIFICATION. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC., AS REQUIRED.

20. SEAL ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS AND CEILINGS. FURNISH AND INSTALL FIRE RATED BACKBOXES AS REQUIRED, MAINTAINING FIRE RATING OF CEILING OR WALLS WHERE RECESSED ELECTRIC EQUIPMENT SUCH AS LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANEL, ETC. ARE INSTALLED IN RATED WALL OR CEILINGS. PENETRATIONS OF FIRE RATED WALLS, CEILINGS, OR FLOORS SHALL COMPLY WITH CBC CHAPTER 7 (714) REQUIREMENTS. CONDUIT PENETRATIONS THAT ARE NOT STUBBED-OUT INSIDE THE WALL SHALL MEET F AND T RATING. ALL FIRE PROOFING METHODS SHALL BE UL APPROVED.

21. ALL EXTERIOR EQUIPMENT SHALL BE NEMA 3R RATED. ALL WALL PENETRATIONS TO EXTERIOR WALLS SHALL BE SEALED WATER TIGHT.

22. PULLING TAPES: ALL RACEWAY WITHOUT CABLE OR WIRE SHALL BE INSTALLED WITH A MINIMUM 1100 LBS. STRENGTH TEST POLYESTER PULLING TAPE. PULLING TAPES SHALL BE DETECTABLE MULE-TAPE WITH SEQUENTIAL FOOTAGE MARKING.

23. RUN NO MORE THAN 3 CURRENT CARRYING CONDUCTORS IN ANY WIREWAY UNLESS DE-RATING IS APPROVED BY ENGINEER OR SHOWN ON DRAWINGS.

24. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER, #10 AWG MINIMUM, RATED FOR 600V, THHN/THWN, 75 DEGREE CELSIUS. ALL CONDUCTORS SHALL BE STRANDED, SOFT DRAWN ANNEALED COPPER WIRE 98% CONDUCTIVITY, BEARING THE UL LABEL. SYSTEM VOLTAGE SHALL BE IDENTIFIED AS TO VOLTAGE AND PHASE CONNECTIONS BY MEANS OF COLOR IMPREGNATED INSULATION OR APPROVED COLORED MARKING TAPE.

25. WHERE MULTI-HOMERUNS ARE INDICATED ON DRAWINGS INDICATING THE SAME CIRCUIT NUMBER, PROVIDE A JUNCTION BOX ABOVE THE ACCESSIBLE CEILING AND ROUTE ONE SET OF WIRES TO THE CIRCUIT BREAKER.

26. REFER TO THE SINGLE LINE DIAGRAM FOR THE CONDUIT AND CONDUCTOR SIZES HOMERUN TO ELECTRICAL PANELS. CONDUIT RUNS MAY NOT BE SHOWN ON DRAWINGS, BUT ARE PART OF THIS CONTRACT.

27. ALL CONDUIT RUNS INCLUDING STRAIGHT FEEDER AND BRANCH CIRCUIT SHALL BE PROVIDED WITH SUFFICIENT PULL BOXES OR JUNCTION BOXES TO LIMIT THE MAXIMUM LENGTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SIZED PER CODE OR AS INDICATED ON DRAWINGS. LOCATIONS SHALL BE DETERMINED IN THE FIELD OR AS INDICATED ON THE DRAWINGS.

28. FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE PER MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIAL AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.

29. DO NOT COMBINE DIFFERENT SYSTEM VOLTAGES IN SAME CONDUIT (EG., 120/208V VS. 277/480V), UNLESS APPROVED BY ENGINEER OR SHOWN ON DRAWINGS.

30. ELECTRICAL SYSTEMS SHALL BE INSTALLED FOR FINAL INSPECTIONS. PROVIDE NEUTRAL TEST AND PROOF OF TORQUE DURING FINAL INSPECTION FOR ALL UNITS. FINAL TERMINATIONS OF CONDUCTORS TO ELECTRICAL EQUIPMENT AND DEVICES SHALL BE TORQUE WRENCH TIGHTENED TO THE MANUFACTURER'S RECOMMENDED SPECIFICATION, NO EXCEPTION.

31. CIRCUIT BREAKER TERMINALS IN SWITCHBOARDS AND LOAD CENTER SHALL BE UL LISTED AND APPROVED FOR USE WITH COPPER 75 DEGREE CELSIUS CONDUCTORS.

32. SIZES OF BREAKERS, SWITCHES, FUSES AND FEEDERS ARE BASED ON DESIGNED EQUIPMENT SIZES. THESE SIZES SHALL BE ADJUSTED TO SATISFY REQUIREMENTS OF ACTUAL INSTALLED OR SUBSTITUTE EQUIPMENT. UP SIZING OR DOWNSIZING OF FEEDERS SHALL BE PROVIDED WITHOUT ADDITIONAL COST TO THE OWNER.

33. AS REQUIRED ALL OVERSIZED FEEDERS THAT WERE ADJUSTED IN SIZE TO COMPENSATE FOR VOLTAGE DROP SHALL BE PROVIDED WITH ADAPTER LUGS OR SPLICE BOX. ADAPTER LUGS SHALL BE PROVIDED IF SIZE IS AVAILABLE. OTHERWISE PROVIDE CABLE SPLICES IN THE SPLICE BOX TO REDUCE CABLES TO THE MAXIMUM SIZE THAT THE BREAKER LUGS CAN ACCOMMODATE.

34. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAW-CUTTING, TRENCHING, BACKFILLING, COMPACTION AND PATCHING OF CONCRETE AND ASPHALT AS REQUIRED TO COMPLETE WORK. USE EXTREME CAUTION WHEN TRENCHING NEAR EXISTING UNDERGROUND UTILITY LINES. CONTRACTOR SHALL PROVIDE ALL REQUIRED CUTTING, PATCHING, PAINTING, AND REPAIRS NECESSARY TO RESTORE DAMAGED SURFACES TO EQUAL OR BETTER THAN ORIGINAL CONDITIONS EXISTING AT THE START OF WORK.

35. ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST HORIZONTAL FORCE ACTING IN ANY DIRECTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF ASCE7.

36. ALL INTERIOR AND ABOVE GRADE EXTERIOR CONDUIT INSTALLATION SHALL BE RIGID GALVANIZED STEEL, UNLESS EXCEPTED BY NOTE 37 BELOW.

37. ELECTRICAL METALLIC TUBING (EMT) MAY BE USED IN THE FOLLOWING CONDITIONS:
    INTERIOR APPLICATIONS, SMALLER THAN 2" TRADE SIZE DIAMETER AND INSTALLED EIGHT (8) FEET FROM FINISHED FLOOR OR HIGHER, OR INTERIOR APPLICATIONS, SMALLER THAN 2" TRADE SIZE DIAMETER AND ENTERING A PANEL FROM ABOVE.

38. CONNECTIONS TO VIBRATING EQUIPMENT (MOTOR, TRANSFORMER ENCLOSURE, ETC.) AND SEISMIC SEPARATIONS SHALL BE PROVIDED WITH LIQUID-TIGHT FLEXIBLE STEEL CONDUIT WITH WATERTIGHT CONNECTORS. MAXIMUM LENGTH OF CONDUIT SHALL BE SIX FEET, UNLESS OTHERWISE NOTED.

39. POLYVINYL CHLORIDE (PVC) SCHEDULE 40 MAY BE INSTALLED BENEATH SLAB AND UNDERGROUND INSTALLATION. INSTALL PVC COATED RIGID STEEL CONDUIT FOR TRANSITION FROM UNDERGROUND TO ABOVE GRADE INSTALLATION.

40. CONTRACTOR SHALL PROVIDE TERMINATIONS FOR ALL DATA/VOICE CABLES INDICATED AT OUTLET LOCATIONS INDICATED ON DRAWINGS.

41. CONTRACTOR SHALL PROVIDE AND INSTALL ACCESS PANELS IN NON-ACCESSIBLE CEILINGS WHERE REQUIRED TO ACCESS ELECTRICAL EQUIPMENT IN CEILING SPACE. ACCESS DOORS SHALL HAVE FIRE RATING EQUAL TO THE CEILING ASSEMBLY IN WHICH THEY ARE INSTALLED.

42. ALL FIRE LIFE SAFETY EQUIPMENT, SUCH AS FIRE ALARM CONTROL PANEL AND REMOTE POWER SUPPLIES SHALL BE PROVIDED WITH DEDICATED CIRCUITS. IDENTIFY CIRCUIT DESIGNATION AND PROVIDE PERMANENT LABELING, "FIRE ALARM CIRCUIT" ON ELECTRICAL PANEL. PROVIDE LOCKABLE CIRCUIT BREAKER.

43. CONTROL CONDUIT FOR ENERGY/BUILDING MANAGEMENT SYSTEM (E/BMS) SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

44. ROUTE CONDUIT PARALLEL AND PERPENDICULAR TO WALLS AND ADJACENT PIPING. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND TO PRESENT A NEAT APPEARANCE.

45. WHEN A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT, CIRCUIT BREAKERS, ETC., ARISES ON THE DRAWINGS OR SPECIFICATIONS, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL REQUIRED BY THE MOST STRINGENT CONDITIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO PROVIDE A COMPLETE AND OPERABLE SYSTEM, OR AS DIRECTED BY ENGINEER.

46. FOR SMALL AC MOTORS NOT HAVING BUILT-IN THERMAL OVERLOAD PROTECTION, PROVIDE MANUAL MOTOR STARTERS WITH OVERLOAD HEATER ELEMENTS SIZED PER MANUFACTURER'S RECOMMENDATION. FOR SMALL AC MOTORS WITH BUILT-IN THERMAL OVERLOAD PROTECTION, PROVIDE A HORSEPOWER RATED TOGGLE DISCONNECT SWITCH.

47. DISCONNECT SAFETY SWITCHES SHALL BE HEAVY DUTY AND BE RATED FOR THE NUMBER OF POLES, VOLTAGE, CURRENT AND HORSEPOWER RATING AS REQUIRED. PROVIDE FUSE PROTECTION BASED ON THE MOTOR NAMEPLATE RATINGS.

48. PROVIDE PERMANENT IDENTIFICATION (NAMEPLATES) FOR ALL ELECTRICAL PANELS, SWITCHBOARDS, MOTOR CONTROL CENTERS, DISCONNECT SWITCHES, TRANSFORMERS, TERMINAL CABINETS, ETC.

49. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY TYPE OF CEILING SYSTEMS AND TO FURNISH APPROVED LIGHTING FIXTURES OF THE TYPE REQUIRED FOR MOUNTING IN SUBJECT CEILING. PROVIDE ALL NECESSARY MOUNTING KIT/HARDWARE TO PROVIDE A COMPLETE WORKING LIGHTING SYSTEM.

50. ALL FINAL ELECTRICAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT SHALL BE MADE BY THE ELECTRICAL CONTRACTOR.

51. ALL SPLICES AND TERMINALS SHALL BE COMPRESSION TYPE, OF SEAMLESS PURE COPPER, TIN PLATED, LONG BARREL, INSPECTION WINDOW, TERMINALS WITH TWO-HOLE PAD (WITH NEMA DRILLING). CLEAN ALL SURFACES AND INSTALL WITH OXIDE INHIBITING COMPOUND BURNDY PENETROX-E OR EQUAL. APPLY COMPOUND BETWEEN BUS BAR AND LUG PAD AND BETWEEN CONDUCTOR AND LUG BARREL. INSTALL COMPRESSION CONNECTORS WITH A FULLY CIRCUMFERENTIAL COMPRESSION DIE BURNDY HYPRESS OR EQUAL.

52. LABEL ALL CONDUIT WHERE IT BEGINS, AND WHERE IT TERMINATES INTO A BOX, PANEL, DEVICE, LOAD, OR DISCONNECT. CONDUIT SHALL BE LABELED EVERY 30 FEET OR LESS. CONDUIT SHALL BE LABELED WHERE IT PENETRATES ANY WALL OR FLOOR. LABEL SHALL BE PERMANENT PRINTED LABELS (DESCRIBING SOURCE, CIRCUIT, AND LOAD) LEGIBLE FROM FLOOR WHERE POSSIBLE (STANDING POSITION).

53. CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS A REASON TO SUBSTITUTE ALTERNATE MATERIALS, EQUIPMENT OR INSTALLATION METHODS.

54. PROVIDE ARC-FLASH HAZARD WARNING LABELS ON ALL AFFECTED ELECTRICAL EQUIPMENT, INCLUDING SWITCHBOARDS, PANEL BOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS. MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS. LABEL SHALL BE FACTORY PRE-PRINTED OR MACHINE-PRINTED SELF-ADHESIVE VINYL MATERIAL; UV, CHEMICAL, WATER, HEAT AND ABRASION RESISTANT; PRODUCED USING MATERIALS RECOGNIZED BY UL 969. MINIMUM SIZE: 3.5 BY 5 INCHES.

55. UNLESS OTHERWISE NOTED, ARRANGE, PAY FOR, COORDINATE AND PROVIDE ALL PERMITS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM.

56. ALL WORK IS <N> UNLESS OTHERWISE NOTED.

57. ELECTRICAL CONDUCTORS SERVING EQUIPMENT SUPPLIED BY POWER CONVERSION EQUIPMENT AS PART OF A VARIABLE FREQUENCY DRIVE (VFD) SYSTEM AND/OR A SERVO DRIVE SYSTEM SHALL HAVE THERMOSET INSULATION TYPE XHHW, OR XHHW-2

DEMOLITION NOTES

1. REMOVE EXISTING EQUIPMENT IN CONFLICT WITH NEW CONDITIONS. REMOVE ALL WIRE NOT IN SERVICE AND FROM ABANDONED RACEWAYS. PROTECT EXISTING CIRCUITING PASSING THROUGH DEMOLITION AREAS. EXTEND AND/OR RELOCATE AS NECESSARY.

2. ALL ABANDONED EQUIPMENT INCLUDING LIGHT, RECEPTACLES, DATA, FIRE ALARM, ETC., SHALL BE COVERED WITH BLANK METAL PLATES AND PAINTED TO MATCH THE ADJACENT FINISH OF SURROUNDING WALLS OR CEILING TO THE SATISFACTION OF THE ARCHITECT/OWNER.

3. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AFFECTED BY THE PROJECT. THIS INCLUDES REROUTING OR THE EXTENSION OF EXISTING CONDUIT AND FEEDER WHERE NECESSARY TO MAINTAIN OPERATIONAL OF ANY EXISTING EQUIPMENT.

4. CIRCUIT NUMBERS AND CONDUIT HOMERUNS SHOWN ON THESE DRAWINGS WERE TAKEN FROM EXISTING RECORD DRAWINGS. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING CIRCUITING AND CONDUIT HOMERUNS. ADJUST CIRCUIT NUMBERS ACCORDING TO THE ACTUAL CONDITIONS.

5. WHERE EXISTING CONDUIT IS TO BE ABANDONED OR DEMOLISHED, THE CONDUIT SHALL BE REMOVED IF IT IS EXPOSED, IN A CRAWL SPACE OR IN AN ACCESSIBLE CEILING. ABANDONED OR DEMOLISHED CONDUIT FEEDS UP THROUGH THE FLOOR SHALL BE CUT OFF AND PLUGGED FLUSH WITH THE FLOOR.

6. ALL ELECTRICAL EQUIPMENT INCLUDING LIGHT, RECEPTACLE, DATA, FIRE ALARM, ETC., THAT ARE TO BE REMOVED, SHALL BE REMOVED COMPLETELY, INCLUDING CONDUIT AND WIRING BACK TO THE LAST DEVICE REMAINING IN SERVICE, OR SOURCE.

7. EXISTING CIRCUITS WHICH ARE REMOVED AND NOT REUSED SHALL BE IDENTIFIED ON THE PANEL SCHEDULE AS "SPARE".

8. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO REMOVAL OF EXISTING ELECTRICAL EQUIPMENT AND TURN OVER REMOVED EQUIPMENT THAT THE OWNER REQUESTS IN AN "AS-FOUND" CONDITION.

9. ALL DEMOLITION WORK SHOWN, IF ANY, WAS PREPARED FOR THE CONVENIENCE OF THE CONTRACTOR. NO REPRESENTATION HAS BEEN MADE THAT ALL ITEMS THAT MAY REQUIRE DEMOLITION HAVE BEEN SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE SITE AND THE CONTRACT DOCUMENTS AND TO PERFORM ALL DEMOLITION AND RECONSTRUCTION WHICH MAY BE REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

10. WHEN CALLED FOR, OR SCOPE OF WORK REQUIRES ELECTRICAL EQUIPMENT TO BE REMOVED, ALL CONDUIT, WIRE, BOXES, HANGERS, ETC. SHALL BE REMOVED COMPLETELY. ALL OPENINGS SHALL BE PATCHED, SEALED AND PAINTED TO MATCH THE ADJACENT FINISH.

APPLICABLE CODES

UNLESS OTHERWISE INDICATED OR SPECIFIED, PERFORM THE WORK IN CONFORMANCE WITH THE LATEST EDITIONS OF ALL APPLICABLE REGULATORY REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

1. 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
2. 2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
3. 2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
4. 2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
5. 2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
6. 2025 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
7. 2022 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24, CCR
8. 2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
9. 2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
10. 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
11. 2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
12. TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
13. 2025 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE

ACCEPTANCE TESTING

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

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

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

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

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

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

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

SUMMARY OF WORK

1. DEMOLISH LIGHT FIXTURES PER PLAN.
2. PROVIDE POWER CONNECTIONS FOR RECEPTACLES, EXHAUST FANS PER PLAN FOR NEW RESTROOMS.
3. PROVIDE LIGHT FIXTURES AND SWITCHES PER PLAN FOR NEW RESTROOMS.

SYMBOLS & ABBREVIATIONS

C.	CONDUIT
CLG	CEILING
CKT	CIRCUIT
CND	CONDUIT
<E>	EXISTING
ELEC	ELECTRICAL
ELEV	ELEVATION
EM	EMERGENCY
EQ	EQUAL
<F>	FUTURE
FIXT	FIXTURE
FLUOR	FLUORESCENT
LCP	LIGHTING CONTROL PANEL
LTG	LIGHTING
LT SW	LIGHT SWITCH
MIN.	MINIMUM
<N>	NEW
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NL	NIGHT LIGHT
PB	PULL BOX
PNL	PANEL
<R>	REMOVE
<RRN>	REMOVE AND REPLACE WITH NEW
<RR>	REMOVE AND RELOCATE AS SHOWN
SP	SWITCH PACK
SLP	SLAVE PACK
SL	SECURITY LIGHT
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TBR	TO BE REMOVED
TYP; (TYP)	TYPICAL
UON	UNLESS OTHERWISE NOTED
WP	WEATHERPROOF (NEMA 3R)
XFMR	TRANSFORMER

EXTENT OF DEMOLITION

NEW TO EXISTING CONNECTION

1 — WORK ITEM (ELECTRICAL)

1 / E1.0 — DETAIL DESIGNATION; DETAIL NUMBER / DRAWING NUMBER (IF BLANK, SAME SHEET)

ELEVATION NUMBER / DRAWING NUMBER

CONDUITS, WIRES, ETC TO BE DEMOLISHED

EXISTING DEVICES, CONDUITS, WIRES ETC TO REMAIN

NEW (BOLD - DEVICES, CONDUITS, WIRES, ETC)

$ — SINGLE POLE TOGGLE SWITCH, WALL MOUNTED, +44" AFF.

$C — LIGHT SWITCH CUSTOMIZED, MOUNTED AT +44" A.F.F.

$OS — INTELIGENT VACANCY/OCCUPANCY SENSOR SWITCH, WALL MOUNTED, +44" AFF.

OS — OCCUPANCY SENSOR, CEILING MOUNTED

OS — OCCUPANCY SENSOR, WALL MOUNTED, +44" AFF.

WALL-MOUNTED DUPLEX RECEPTACLE 20A, 125V, 3WG, (2) NEMA 5-20R, +18"AFF U.O.N.

FLOOR-MOUNTED DUPLEX RECEPTACLE 20A, 125V, 3WG, (2) NEMA 5-20R U.O.N.

CEILING-MOUNTED DUPLEX/QUADPLEX RECEPTACLE 20A, 125V, 3WG, (2) NEMA 5-20R U.O.N.

WALL-MOUNTED DOUBLE DUPLEX RECEPTACLE 20A, 125V, 3WG, (2) NEMA 5-20R, +18"AFF

DUPLEX RECEPTACLE, ABOVE COUNTER SPLASH, +42"AFF, 20A, 125V, 3WG, (2) NEMA 5-20R

WP — WEATHER PROOF WITH WHILE-IN-USE COVER WALL-MOUNTED DUPLEX GFI RECEPTACLE 20A, 125V, 3W, NEMA 5-20R, +18"AFF

GFI — DUPLEX GFI RECEPTACLE

GFI — DUPLEX GFI RECEPTACLE, ABOVE COUNTER SPLASH, +42" AFF

SPECIAL RECEPTACLE, +18" AFF, SEE FLOOR PLAN FOR DETAIL

(4) RJ-45 DATA OUTLETS W/FACEPLATE AND 1" CONS

PHOTOGRAPHIC CONSTRUCTION RECORDS

THE CONTRACTOR SHALL PROVIDE PRECONSTRUCTION DIGITAL PHOTOGRAPHS AND VIDEO RECORDINGS PRIOR TO COMMENCEMENT OF WORK ON THE SITE. BEFORE CONSTRUCTION MAY START, CONTRACTOR SHALL DOCUMENT ANY EXISTING CONDITIONS THAT ARE NOT COVERED BY THE CONTRACT DOCUMENTS (DAMAGED CONCRETE, WALLS, LANDSCAPE, ETC.). FAILURE TO DOCUMENT EXISTING DAMAGE WILL RESULT IN CONTRACTOR REPAIRS TO SURFACE TO MATCH ADJACENT AFTER CONSTRUCTION ACTIVITIES. ADDITIONAL PRECONSTRUCTION PHOTOGRAPHS/VIDEOS SHALL BE TAKEN AT LOCATIONS TO BE DESIGNATED BY THE OWNER'S REPRESENTATIVE.

CONTRACTOR SHALL MAKE A VIDEO RECORDING OF ALL PROPOSED ROUTINGS FOR INFRASTRUCTURE WORK, NOTING CONDITIONS OF EXISTING SURFACES AND ADJACENT IMPROVEMENTS. ONE COPY OF COMPLETE VIDEO SHALL BE TRANSMITTED TO THE OWNER'S REPRESENTATIVE.

CONSTRUCTION PHOTOGRAPHS

THE CONTRACTOR SHALL PROVIDE CONSTRUCTION PHOTOGRAPHS SHOWING THE PROGRESS OF THE WORK AND AS MAY BE DIRECTED BY THE OWNER'S REPRESENTATIVE. PHOTOGRAPHS/VIDEOS SHALL BE FORMATTED, IDENTIFIED, AND DELIVERED AS DESCRIBED ABOVE FOR DIGITAL PHOTOS AND VIDEOS STARTING ONE MONTH AFTER THE DATE OF THE PRECONSTRUCTION PHOTOGRAPHS AND CONTINUING AS LONG AS THE WORK IS IN PROGRESS, APPROXIMATELY 40 MONTHLY PHOTOGRAPHS SHALL BE TAKEN, CATALOGED AND CROSS REFERENCED TO DRAWINGS/PLANS.

ANY WORK TO BE CONCEALED (BURIED, BEHIND WALLS, ABOVE CEILING, BELOW SLAB, ETC.) SHALL BE PHOTO DOCUMENTED AFTER ANY TESTING AND INSPECTION AND PRIOR TO CONCEALING TO CLEARLY INDICATE THE WORK. DOCUMENT ON PLANS THE LOCATION AND ORIENTATION FOR EACH PHOTO DOCUMENTING CONCEALED WORK.

FOR FINAL COMPLETION, DOCUMENT ALL PUNCH LIST ITEM COMPLETION BY PHOTOGRAPH OR VIDEO.

DELIVER CONSTRUCTION PHOTOGRAPHS AND VIDEOS WITHIN 10 DAYS OF CREATION. ALL PHOTOS AND VIDEOS SHALL BE OF SUFFICIENT QUALITY TO CLEARLY DEPICT WORK.

ADMINISTRATIVE REQUIREMENTS

1. A COPY OF PARTS 1 THRU 6, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
2. ALL CONSTRUCTION CHANGE DOCUMENTS AND ADDENDA TO BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED BY DSA. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24.
3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, AND APPROVED T & I SHEET.
4. TESTS OF MATERIAL SAND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335 OF PART 1, TITLE 24, AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR.
5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.
6. INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANICE WITH SECTION 4-333(B). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24.
7. SUPERVISION OF CONSTRUCTION BY DSA SHAL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.
8. CONTRACTOR, INSPECTOR, ARCHITECT AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM SSS-6) IN ACCORDANCE WITH SECTION 4-336 AND 4-343, PART 1, TITLE 24.
9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(A) AND 4-341, PART 1, TITLE 24.
10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343, PART 1, TITLE 24.

APPLICABLE CODES

APPLICABLE CODE: 2025 CBC

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC SECTIONS 1617A 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 CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY 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 HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

APPLICABLE CODE: 2025 CBC PER IR 16-13.

MEP DISTRIBUTION SYSTEM BRACING NOTE FOR PIPING, DUCTWORK, AND ELECTRICAL CONDUIT

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7 SECTION 13.3 AS DEFINED IN ASCE 7 SECTIONS 13.6.5, 13.6.6, 13.6.7, AND 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 SYSTEMS ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16-13.

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

MP☐MD☐PP☐E ☑ OPTION 1: PROJECT-SPECIFIC DESIGN.

MP☐MD☐PP☐E ☐ OPTION 2: DESIGN BASED ON OSHPD OPM, WITHIN PROJECT SUBMITTAL.

MP☐MD☐PP☐E ☐ OPTION 3: DESIGN BASED ON OSHPD OPM, DEFERRED SUBMITTAL.

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

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These drawings have been prepared as one coordinated set of drawings and are complimentary. What is required by one drawing is required by all of the drawings, even if a detail or component part is not identified on every sheet. Any user's reliance on a single or select few sheet(s) of the drawings without consideration for the information included in the entire set of drawings will be at the user's sole risk and shall not form the basis for a request for additional compensation or time.

PROJECT

PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — DAI T. KIT — No. E18286 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — MASON A. GRANT — NO. C-32176 — RENEWAL 07-31-27 — STATE OF CALIFORNIA

TITLE

ELECTRICAL NOTES

SHEET #

E002

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
This document is used to demonstrate compliance with requirements in §110.9, §110.12(c), §130.0, §130.1, §140.6 and §141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in §160.5, §170.2(e) and §180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.	
Project Name: PYLUSD Fairmont TK RR	**Report Page:** (Page 1 of 7)
Project Address:	**Date Prepared:** 2026-02-04T22:32:49-05:00

A. GENERAL INFORMATION					
01	Project Location (city)	California	04	Total Conditioned Floor Area (ft²)	158.72
02	Climate Zone	8	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	0
● School or Classroom					

B. PROJECT SCOPE

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

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	158.72	N/A	0
☐ New Lighting System - Parking Garage	N/A	0	N/A	0
Total Area of Work (ft²)	158.72			

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: PYLUSD Fairmont TK RR	**Report Page:** (Page 2 of 7)
	Date Prepared: 2026-02-04T22:32:49-05:00

C. COMPLIANCE RESULTS

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

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)1 /§170.2(e)	Allowed Lighting Power per §140.6(b) /§170.2(e) (Watts)					Adjusted Lighting Power per §140.6(a) /§170.2(e) (Watts)				Compliance Results
	01	02	03		04	05	06		07	08
	Complete Building §140.6(c)1	Area Category §140.6(c)2 /§170.2(e)4	Area Category Additional §140.6(c)2G / §170.2(e)4Av (+)	=	**Total Allowed** (Watts)	≥ Total Designed (Watts)	Adjustments PAF Lighting Control Credits §140.6(a)2 /§170.2(e)1B (-)	=	**Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 §140.6 /§170.2(e)**
	(See Table I)	(See Table I)	(See Table J)			(See Table F)	(See Table P)			
Conditioned		103.17		=	103.17	≥ 78		=	78	COMPLIES
Unconditioned				=		≥	0	=		
Controls Compliance (See Table H for Details)										COMPLIES
One-for-one Luminaire Alterations Compliance (See Table Q for Details)										

D. EXCEPTIONAL CONDITIONS

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

E. ADDITIONAL REMARKS

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

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: PYLUSD Fairmont TK RR	**Report Page:** (Page 3 of 7)
	Date Prepared: 2026-02-04T22:32:49-05:00

F. INDOOR LIGHTING FIXTURE SCHEDULE

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

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change [1]	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per §140.6(a)3 / §170.2(e)2C	Design Watts	Field Inspector	
									Pass	Fail
A	1'x4' Surface mounted LED fixture.	No	NA	26	Mfr. Spec	3	No	78	☐	☐
							Total Designed Watts: CONDITIONED SPACES	78		

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

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

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

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

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: PYLUSD Fairmont TK RR	**Report Page:** (Page 4 of 7)
	Date Prepared: 2026-02-04T22:32:49-05:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Controls §130.1(a) /§160.5(b)4A	Multi-Level Controls §130.1(b) /§160.5(b)4B	Shut-Off Controls §130.1(c) //§160.5(b)4C	Primary/Skylit Daylighting §130.1(d) /§160.5(b)4D	Secondary Daylighting §130.1(d) /§160.5(b)4D	Interlocked Systems §140.6(a)1/ §170.2(e)2A	Field Inspector	
								Pass	Fail
Restroom 302	Restroom	Readily Accessible and located in the same space.	NA: Restrooms	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
Restroom 303	Restroom	Readily Accessible and located in the same space.	NA: Restrooms	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
Restroom 304	Restroom	Readily Accessible and located in the same space.	NA: Restrooms	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
						13			
						Plan Sheet Showing Daylit Zones:			

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

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

Conditioned Spaces

01	02	03	04	05	06

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: PYLUSD Fairmont TK RR	**Report Page:** (Page 5 of 7)
	Date Prepared: 2026-02-04T22:32:49-05:00

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

Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area CategoryPAF	PAF
Restroom 302	Restroom	0.65	53.91	35.04	No	No
Restroom 303	Restroom	0.65	53.75	34.94	No	No
Restroom 304	Restroom	0.65	51.06	33.19	No	No
		TOTALS:	158.72	103.17	See Tables J, or P for detail	

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

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

This section does not apply to this project.

Q. ONE-FOR-ONE LUMINAIRE ALTERATIONS

This section does not apply to this project.

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

This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: PYLUSD Fairmont TK RR	**Report Page:** (Page 6 of 7)
	Date Prepared: 2026-02-04T22:32:49-05:00

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

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

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Restroom 302; Restroom 303; Restroom 304

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: PYLUSD Fairmont TK RR	**Report Page:** (Page 7 of 7)
Project Address:	**Date Prepared:** 2026-02-04T22:32:49-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name:	Documentation Author Signature:
Eduardo Márquez	
Company:	Signature Date:
Address:	CEA/AEA/ICC Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

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

Responsible Person Name:	Responsible Person Signature:
Responsible Person Scope:	
Company:	Date Signed:
Address:	License:
City/State/Zip:	Phone:

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

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2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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PROJECT

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — JAY KIT KWAN — No. E18006 — ELECTRICAL — STATE OF CALIFORNIA

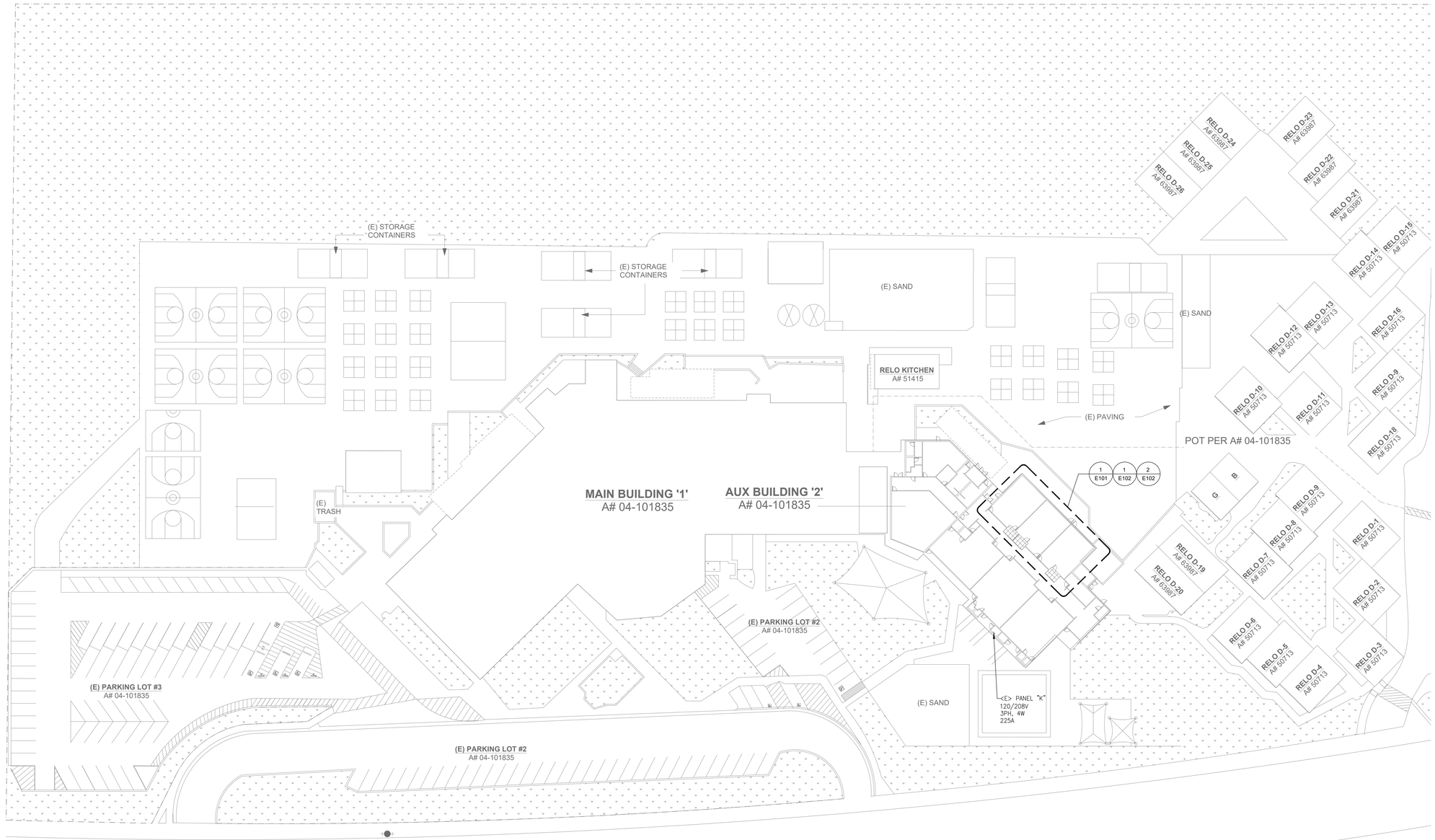
LICENSED ARCHITECT — JASON A. DONTOS — NO. C-32176 — RENEW 07-31-27 — STATE OF CALIFORNIA

TITLE

ELECTRICAL TITLE 24

SHEET #

E003



1 | E100 | ELECTRICAL OVERALL SITE PLAN

SCALE: 1/32" = 1'-0"

AGENCY APPROVAL

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DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

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PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — CHI KIT CHAN — No. E18046 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — JASON A. CONTE — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE

ELECTRICAL OVERALL SITE PLAN

SHEET #

E100

GENERAL SHEET NOTES

A. SEE SHEET E-001 FOR DEMOLITION NOTES AND ADDITIONAL GENERAL NOTES.

B. ALL NEW ELECTRICAL DEVICES ARE SHOWN DIAGRAMATICALLY. ELECTRICAL TO COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL PRIOR TO ROUGH-IN.

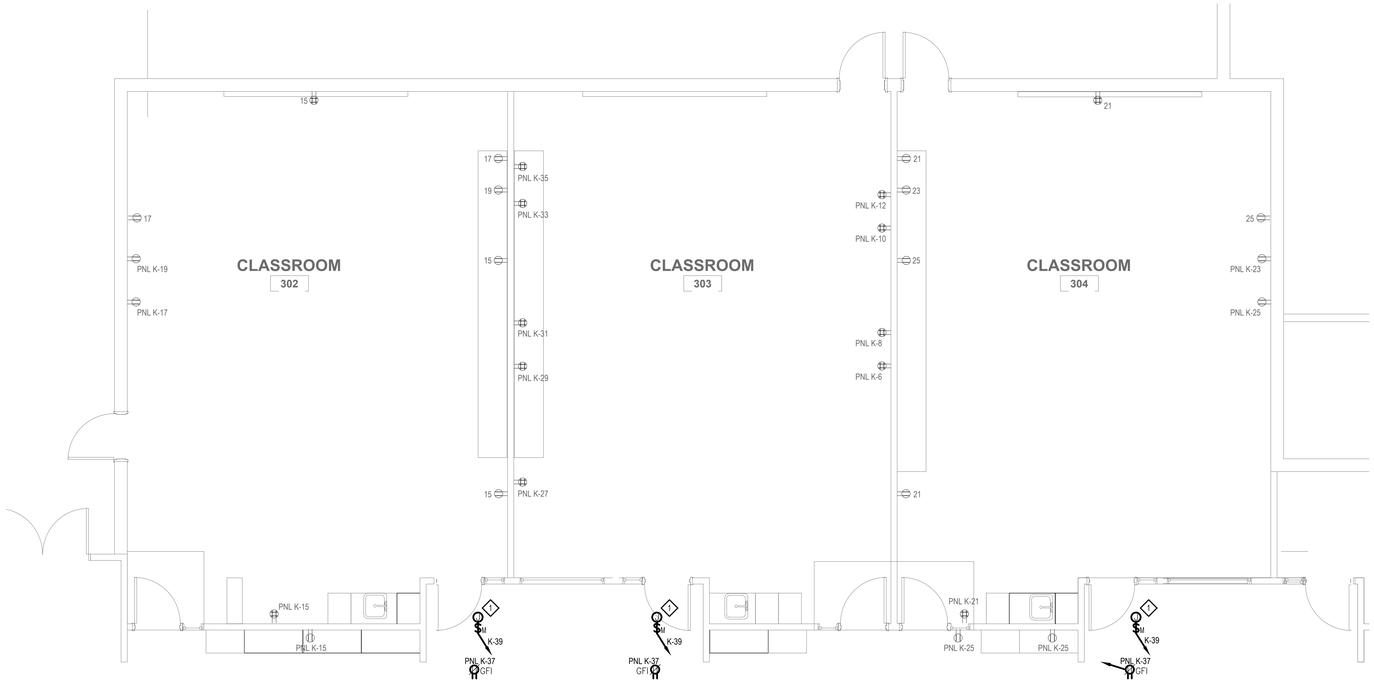
C. REROUTE EXISTING CIRCUITS AS REQUIRED FOR NEW DEVICES/EQUIPMENT. FIELD VERIFY AND JUNCTION BOXES EXACT LOCATION. ADJACENT SPACE SHALL NOT BE INTERRUPTED DURING CONSTRUCTION. PROVIDE TEMP GENERATOR, LIGHTING OR HVAC AS REQUIRED BY SCHOOL DISTRICT.

D. CONTRACTOR TO RE-USE EXISTING CIRCUITS TO FEED NEW RECEPTACLES AS SHOWN ON PLAN. CONTRACTOR TO FIELD VERIFY EXISTING CIRCUITS INFORMATION AS IT MAY BE DIFFERENT FROM AS-BUILT.

E. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR JOINT TRENCHING SPACING REQUIREMENT.

REFERENCE SHEET NOTES

1. 3/4"C-2#10GND, POWER CONNECTION WITH 120V 20AMP HVAC RATED DISCONNECT SWITCH FOR EXHAUST FAN. INTERTIE WITH RESPECTIVE OCCUPANCY SENSOR LIGHT SWITCH FOR CONTROL. PROVIDE RELAY AS REQUIRED.



1 ELECTRICAL POWER NEW WORK FLOOR PLAN
E101 REF.

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

NORTH

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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studio+
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PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — No. E18386 — ELECTRICAL — STATE OF CALIFORNIA

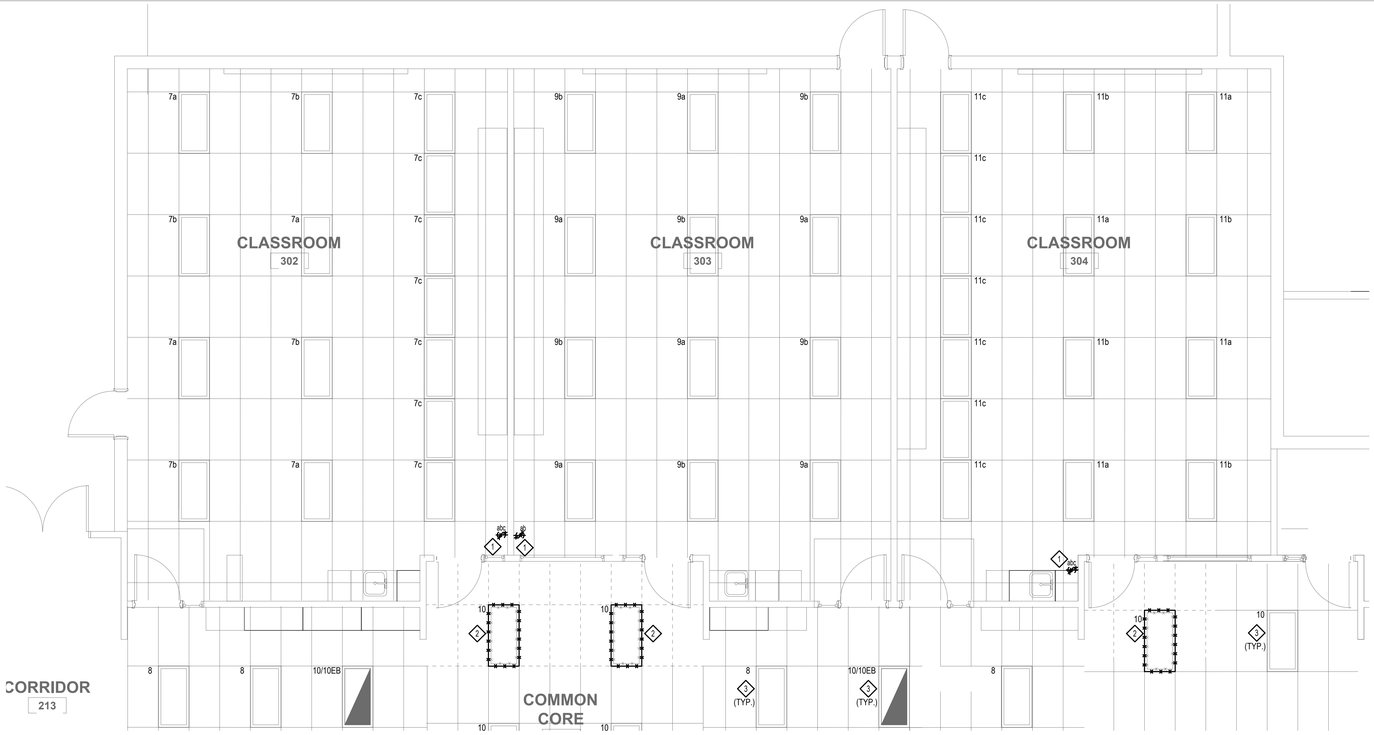
LICENSED ARCHITECT — JASON A. DONITZ — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE

ELECTRICAL POWER FLOOR PLAN

SHEET #

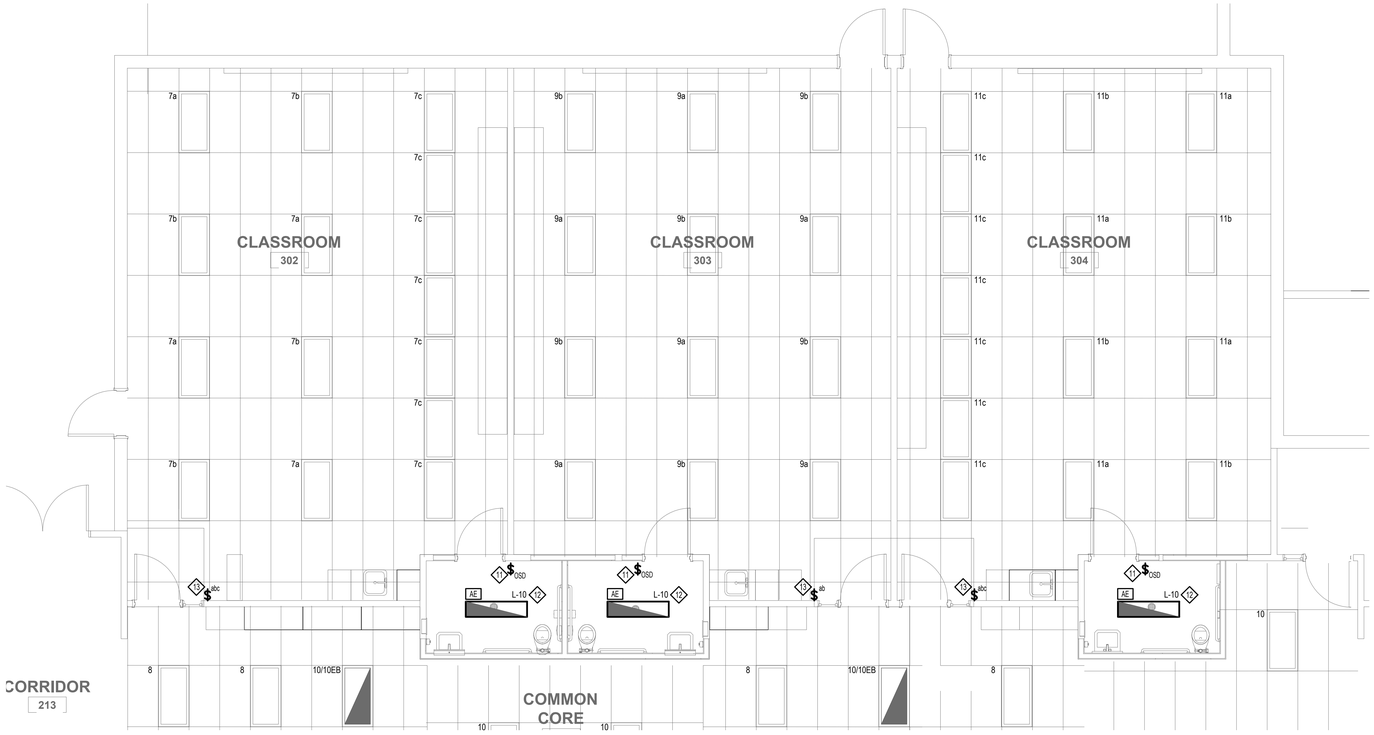
E101



1 ELECTRICAL LIGHTING DEMO FLOOR PLAN

E102 REF.

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



2 ELECTRICAL LIGHTING NEW WORK FLOOR PLAN

E102 REF.

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

GENERAL SHEET NOTES

A. SEE SHEET E-001 FOR DEMOLITION NOTES AND ADDITIONAL GENERAL NOTES.

B. ALL NEW ELECTRICAL DEVICES ARE SHOWN DIAGRAMATICALLY. ELECTRICAL TO COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL PRIOR TO ROUGH-IN.

C. REROUTE EXISTING CIRCUITS AS REQUIRED FOR NEW DEVICES/EQUIPMENT. FIELD VERIFY AND JUNCTION BOXES EXACT LOCATION. ADJACENT SPACE SHALL NOT BE INTERRUPTED DURING CONSTRUCTION. PROVIDE TEMP GENERATOR, LIGHTING OR HVAC AS REQUIRED BY SCHOOL DISTRICT.

D. CONTRACTOR TO RE-USE EXISTING CIRCUITS TO FEED NEW RECEPTACLES AS SHOWN ON PLAN. CONTRACTOR TO FIELD VERIFY EXISTING CIRCUITS INFORMATION AS IT MAY BE DIFFERENT FROM AS-BUILT.

E. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR JOINT TRENCHING SPACING REQUIREMENT.

REFERENCE SHEET NOTES

DEMO:

1. REMOVE <E>LIGHTING SWITCH. REMOVE WIRING BACK TO SOURCE AND REWIRE LIGHT FIXTURES FOR SINGLE SWITCH CONTROL.
2. REMOVE <E>LIGHTING FIXTURE. DEMOLISH ALL ASSOCIATED CONNECTIONS BACK TO SOURCE.
3. REWIRE <E>LIGHT FIXTURES AND MAINTAIN EXISTING LIGHTING CONTROL.

NEW:

11. INTERTIE OCCUPANCY SENSOR SWITCH WITH EXHAUST FAN FOR CONTROL. PROVIDE RELAY AS REQUIRED.
12. CONNECT TO EXISTING LIGHTING CIRCUIT IN THE AREA WITH SEPARATE LIGHTING CONTROL ZONE.
13. PROVIDE LIGHT SWITCHES FOR EXISTING LIGHT FIXTURES (IN ZONES). MATCH EXISTING AND INTEGRATED WITH EXISTING OCCUPANCY SENSOR..

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FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — No. E18046 — ELECTRICAL — STATE OF CALIFORNIA

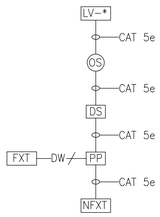
LICENSED ARCHITECT — JASON A. DONITZ — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

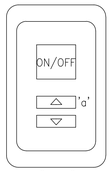
TITLE

ELECTRICAL LIGHTING FLOOR PLAN

SHEET #

E102





"LV-1"
NLIGHT SWITCH FOR CONTROL OF LIGHT FIXTURES (NPODM DX)

DETAIL NOTES:

1. THE LIGHTING CONTROL SYSTEM SHALL BE CONFIGURED TO CONTROL THE ROOM LIGHTS BASED ON THE SUBSCRIPT LETTER DESIGNATION ADJACENT TO EACH FIXTURE.
2. THE LIGHTING CONTROL SYSTEM SHALL BE AS MANUFACTURED ACUITY CONTROLS "nLIGHT", OR APPROVED EQUAL, AND SHALL BE PROGRAMMED AND COMMISSIONED BY THE SYSTEM MANUFACTURER.
3. THE LIGHTING CONTROL SYSTEM (INTERIOR AND EXTERIOR) SHALL BE PROGRAMMED PER THE OWNER'S REQUIREMENTS.
4. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH (8) HOURS OF TRAINING FOR THE LIGHTING CONTROL SYSTEM. TRAINING SHALL BE PROVIDED FOR FOUR (4) CLIENT CHOSEN EMPLOYEES. CONTRACTOR TO COORDINATE WITH THE ARCHITECT FOR SCHEDULING OF TRAINING.

OS	OCCUPANCY SENSOR #nCM PDT10 RJB	LV-D	nLIGHT WALLSTATION DIMMER/OCCUPANT SENSOR #nWSX PDT LV DX WH
DS	DAYLIGHT SENSOR #nCM PC DZ RJB	LV-*	nLIGHT WALLSTATION DIMMER/SWITCH #nPODM DX WH *= DEPENDING ON NUMBER
NFXT	nLIGHT ENABLED LIGHT FIXTURE	FXT	0-10V DIMMING LIGHT FIXTURE
PP	nLIGHT RELAY/ POWER PACK #NPP16-D		

5 LIGHTING CONTROL DIAGRAM
SCALE: N.T.S.

INTERIOR LIGHT FIXTURE SCHEDULE

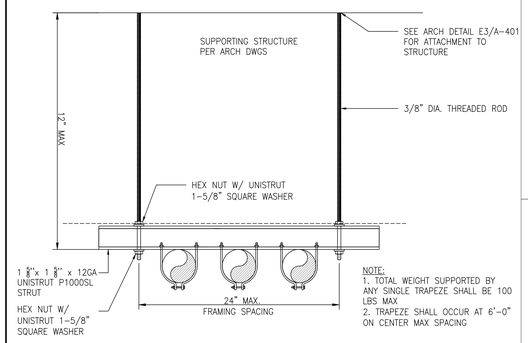
SYMBOL	TYP	MFR.	CATALOG NO.	DESCRIPTION	MTG.	LAMP TYPE	LAMP NO.	VOLTS	WATTS	REMARKS
	AE	LITHONIA	SBL4-3000LM-80CRI-35K-MIN1-ZT-MVOLT-E10WLCP-NLIGHT	1'X4' SURFACE MOUNTED LED FIXTURE. FIXTURE SHALL BE PROVIDED WITH 3,000 LUMEN PACKAGE, MVOLT VOLTAGE INTEGRAL 0-10V. LED DIMMING DRIVER, 3500K COLOR TEMPERATURE. WHERE SHADING INDICATES ON PLAN PROVIDE INTEGRAL 90 MINUTE 10W EMERGENCY BATTERY BACK-UP. PROVIDE ALL REQUIRED ACCESSORIES FOR CEILING TYPE LIGHT FIXTURE TO BE INSTALLED IN.	GRID	LED	-	UNV	26	

INTERIOR LIGHTING FIXTURE NOTES

1. ALL FIXTURES SHALL BE U.L. AND CERTIFIED PER C.E.C. 2-111.
2. VERIFY CATALOG NUMBER PRIOR TO BIDDING OR PURCHASING.
3. ALL LED FIXTURES SHALL BE 4000K UNLESS NOTED OTHERWISE.
4. SOME FIXTURES ARE REQUIRED TO BE DIMMABLE. FIXTURE'S DRIVER SHALL BE COMPATIBLE WITH DIMMER. SEE PLANS FOR LOCATIONS AND FIXTURES.
5. FIXTURE CATALOG NUMBERS USED TO ILLUSTRATE FIXTURE TYPE DO NOT NECESSARILY DENOTE REQUIRED MOUNTING. COORDINATE FIXTURE INSTALLATION WITH REFLECTED CEILING DRAWINGS. PROVIDE APPROPRIATE MOUNTING FRAME/KIT PER CEILING PLAN AND/OR FINISH.
6. CONTRACTOR SHALL FIELD VERIFY EXACT LENGTH OF LED UNDERCOUNTER LIGHT WITH INTEGRATED SWITCH.
7. ALL EMERGENCY BATTERY BACKUP FIXTURES SHALL HAVE 90 MINUTE RUN TIMES PER NEC 700.12(F).

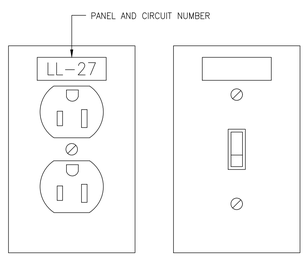
4 LIGHTING FIXTURE SCHEDULE
SCALE: N.T.S.

3 NOT USED
SCALE: N.T.S.



NOTE:
1. TOTAL WEIGHT SUPPORTED BY ANY SINGLE TRAPEZE SHALL BE 100 LBS MAX
2. TRAPEZE SHALL OCCUR AT 6'-0" ON CENTER MAX SPACING

2 TRAPEZE SUPPORT
SCALE: N.T.S.



NOTE:
LABEL ALL DEVICES AND J-BOXES USING MACHINE CLEAR TAPE WITH BLACK LETTERS.

1 DEVICE LABELING
SCALE: N.T.S.

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PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — No. E18336 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — JASON A. DOYLE — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE

ELECTRICAL DETAILS

SHEET #

E501

<E> PANEL 'K'

LOCATION STORAGE ROOM #223 | VOLTAGE 120/ 208 V
AIC RATING -- | TYPE - | FED FROM <E> PANEL "DP"
PHASE 3 | WIRE 4

	DESCRIPTION	BRKR P	BRKR T	LCL	KVA LOAD A	KVA LOAD B	KVA LOAD C	KVA LOAD A	KVA LOAD B	KVA LOAD C	LCL	BRKR P	BRKR T	DESCRIPTION	
1	RECEPT - TEACHER CORE 305,306	1	20		0.0	0.5		1.0			0.3	X	1	20	LTG - RM 309	2
3	RECEPT - TEACHER CORE 306	1	20		0.0		0.5		1.0		0.3	X	1	20	LTG - RM 309	4
5	LTG - RM 308	1	20	X	0.3		1.0			0.5	0.0		1	20	RECEPT - TECH LAB RM 303	6
7	LTG - RM 308	1	20	X	0.3	1.0		0.5			0.0		1	20	RECEPT - TECH LAB RM 303	8
9	LTG - RM 307	1	20	X	0.3		1.0			0.5	0.0		1	20	RECEPT - TECH LAB RM 303	10
11	LTG - RM 307	1	20	X	0.3		1.0			0.5	0.0		1	20	RECEPT - TECH LAB RM 303	12
13	SPARE	1	20		0.0			0.5			0.0		1	20	RECEPT - RM 309	14
15	RECEPT - RM 302	1	20		0.0	0.5		0.5			0.0		1	20	RECEPT - RM 309	16
17	RECEPT - RM 302	1	20		0.0		0.5			0.5	0.0		1	20	RECEPT - RM 309	18
19	RECEPT - RM 302	1	20		0.0	0.5		0.5			0.0		1	20	RECEPT - RM 308	20
21	RECEPT - RM 304	1	20		0.0		0.5			0.5	0.0		1	20	RECEPT - RM 308	22
23	RECEPT - RM 304	1	20		0.0		0.5			0.5	0.0		1	20	RECEPT - RM 308	24
25	RECEPT - RM 304	1	20		0.0	0.5		0.5			0.0		1	20	RECEPT - RM 307	26
27	RECEPT - TECH LAB RM 303	1	20		0.0		0.5			0.5	0.0		1	20	RECEPT - RM 307	28
29	RECEPT - TECH LAB RM 303	1	20		0.0		0.5			0.5	0.0		1	20	RECEPT - RM 307	30
31	RECEPT - TECH LAB RM 303	1	20		0.0	0.5					0.0				SPACE	32
33	RECEPT - TECH LAB RM 303	1	20		0.0		0.5				0.0				SPACE	34
35	RECEPT - TECH LAB RM 303	1	20		0.0		0.5				0.0				SPACE	36
37	**RECEPTACLES NEW RR**	**1**	**20**		0.0	**0.5**					0.0				SPACE	38
39	**EF - RESTROOMS AT CR 302, 303, 304**	**1**	**20**	X	0.1	0.3					0.0				SPACE	40
41	SPACE				0.0						0.0				SPACE	42
	SUBTOTAL				1.1	3	4	4	3	3	3	0.5			SUBTOTAL	
	LIGHTING & HVAC LOADS					1	1	2	1	1	0					

MCB OR MLO	MLO
MAIN CIRCUIT BREAKER RATING	125 AMPS
BUS RATING	125 AMPS
MOUNTING	RECESSED
ENCLOSURE	--

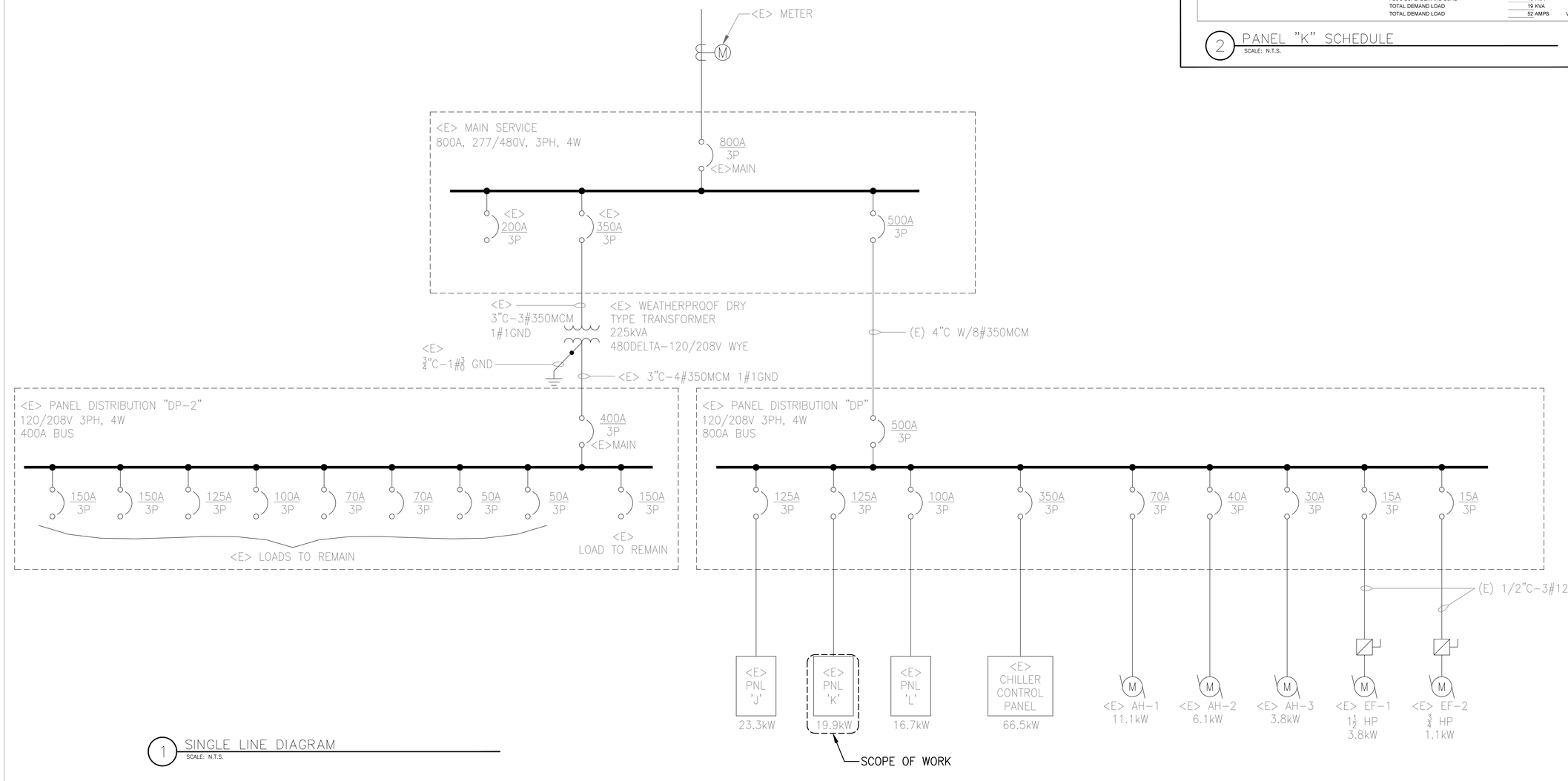
ACCESSORIES / NOTES
1 FOR **BOLD** CIRCUITS ABOVE, REPLACE WITH NEW CIRCUIT BREAKERS AND MATCH EXISTING RATING

TOTAL LOAD PHASE A	6 KVA
TOTAL LOAD PHASE B	7 KVA
TOTAL LOAD PHASE C	7 KVA
TOTAL LCL (NEC/CEC 215.2.A.1)	2 KVA
TOTAL PANEL LOAD (KVA)	21 KVA
TOTAL PANEL LOAD (AMPS)	59 AMPS
LIGHTING AND HVAC LOADS @ 100%	6 KVA
PLUG LOADS CONNECTED LOAD	15 KVA
10 KVA @100%	10 KVA
REMAINING @ 50%	3 KVA
PLUG LOAD DEMAND LOAD	13 KVA
TOTAL DEMAND LOAD	19 KVA
TOTAL DEMAND LOAD	52 AMPS

V.19

2 PANEL "K" SCHEDULE

SCALE: N.T.S.



1 SINGLE LINE DIAGRAM

SCALE: N.T.S.

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KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**
DATE **02/23/2026**
PROJECT #
DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — No. E18046 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — JASON A. — DANIELS — No. C-32176 — REN: 07-31-27 — STATE OF CALIFORNIA

TITLE

ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULE

SHEET #

E701

FIRE ALARM SYSTEM NOTES

ALL ENGINEERING AND INSTALLATIONS SHALL COMPLY WITH THE 2025 CALIFORNIA CODE OF REGULATIONS:
- 2025 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1 TITLE 24 CCR
- 2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
- 2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
- 2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
- 2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
- 2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR, 2022 CFC CH. 80 REFERENCED STANDARDS
- 2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
- 2025 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
- 2025 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE, CBC CHAPTER 30
- 2025 EDITION NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72) WITH AMMENDMENTS

FIRE DEPARTMENT INSPECTIONS ARE REQUIRED. SCHEDULE ALL INSPECTIONS IN ADVANCE.
1. THE FOLLOWING INSPECTIONS ARE REQUIRED FOR ALL ALARM SYSTEMS:
   A) ROUGH–WIRE – (CABLES/CONDUCTORS, BACKBOXES, EQUIPMENT, ETC.).
   B) ALARM SYSTEM(S) FUNCTION TEST – (DETECTORS, CONTROL VALVES, DAMPERS, SWITCHES, SHUTDOWNS, SHUNTS, RECALL, DUCT–SMOKE DETECTOR PRESSURE DIFFERENTIAL, ETC.).
   C) SECONDARY POWER TEST – (24 HOUR STANDBY PLUS 5 MINUTE ALARM, VOLTAGE DROP, EMERGENCY GENERATOR, ETC.).
2. PRIOR TO REQUESTING – ALARM SYSTEM FUNCTION TEST AND/OR FINAL ALARM INSPECTION(S), THE INSTALLING CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT TO THE AUTHORITY HAVING JURISDICTION STATING THE SYSTEM(S) HAS BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND ALL DEVICES TESTED IN ACCORDANCE WITH THE MANUFACTURES SPECIFICATIONS, LISTINGS, AND THE APPROPRIATE NFPA STANDARDS.
3. ALARM SYSTEM DESIGN – ALL FIRE ALARM SYSTEM PLANS AND SPECIFICATIONS SHALL BE DEVELOPED IN ACCORDANCE WITH 2022 NFPA 72 BY PERSONS EXPERIENCED IN THE PROPER DESIGN, APPLICATION, INSTALLATION, AND TESTING OF FIRE ALARM SYSTEMS. 2022 NFPA 72
4. ALARM SYSTEM INSTALLATION – INSTALLATION PERSONNEL SHALL BE SUPERVISED BY PERSONS WHO ARE QUALIFIED AND EXPERIENCED IN THE INSTALLATION, INSPECTION, AND TESTING OF FIRE ALARM SYSTEMS. 2022 NFPA 72
5. THE TYPE, LOCATIONS, AND SPACING OF SMOKE DETECTORS SHALL RESULT FROM AN EVALUATION BASED ON THE GUIDELINES DETAILED IN 2022 NFPA 72 AND GOOD ENGINEERING JUDGMENT. CONDITIONS TO BE CONSIDERED ARE:
   A) CEILING SHAPE AND SURFACE; B) CEILING HEIGHT; C) CONFIGURATION OF CONTENTS IN THE AREA TO BE PROTECTED; D) BURNING CHARACTERISTICS OF THE COMBUSTIBLE MATERIALS PRESENT; E) VENTILATION; F) AMBIENT ENVIRONMENT
6. AS–BUILT DRAWINGS – OF THE COMPLETED FIRE ALARM SYSTEM SHALL BE PROVIDED AT THE COMPLETION OF THE WORK BEING PERFORMED.
7. NFPA–72 RECORD OF COMPLETION (CERTIFICATE OF COMPLETION) – SHALL BE PROVIDED AFTER COMPLETION OF THE OPERATIONAL ACCEPTANCE TEST. 2022 NFPA 72
9. SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER THE CONSTRUCTION CLEANUP OF ALL DUST PRODUCING AND SPRAYING TRADES HAS BEEN COMPLETED.
10. CONTROL EQUIPMENT (FACP, NAC, SLC, ETC.) PROTECTION ONLY, IF WALL MOUNTED (WAREHOUSE LOCATION, ETC.) SPOT TYPE DETECTION ONLY. THE DETECTOR IS TO BE LOCATED 24–INCHES ABOVE THE CONTROL CABINET (EXCEPTION: IF AREA PROTECTION IS PROVIDED).
11. [2022 CEC 110.2] – THE CONDUCTORS AND EQUIPMENT REQUIRED OR PERMITTED BY THIS CODE SHALL BE ACCEPTABLE ONLY IF APPROVED.
12. [2022 CEC 110.3 (5)] – IN JUDGING EQUIPMENT, CONSIDERATIONS SUCH AS THE FOLLOWING SHALL BE EVALUATED FOR (5) HEATING EFFECTS UNDER NORMAL CONDITIONS OF USE AND ALSO UNDER ABNORMAL CONDITIONS LIKELY TO ARISE IN SERVICE.
13. [2022 CEC 110.7] – COMPLETED WIRING INSTALLATIONS SHALL BE FREE FROM SHORT CIRCUITS, GROUND FAULTS, OR ANY CONNECTIONS TO GROUND OTHER THAN AS REQUIRED OR PERMITTED ELSEWHERE IN THIS CODE (2022 CEC).
14. [2022 CEC 110.12] – ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
15. [2022 CEC 110.26] – ACCESS AND WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRICAL EQUIPMENT TO PERMIT READY AND SAFE OPERATION AND MAINTENANCE OF SUCH EQUIPMENT. REFER TO TABLE 110.26(A)(1).
16. [2022 CEC 300.11(A)] – RACEWAYS, CABLE ASSEMBLIES, BOXES, CABINETS, AND FITTINGS SHALL BE SECURELY FASTENED IN PLACE.
17. [2022 CEC 300.11(B)(2)] – WIRING LOCATED WITHIN THE CAVITY OF A NON–FIRE–RATED FLOOR–CEILING OR ROOF–CEILING ASSEMBLY SHALL NOT BE SECURED TO, OR SUPPORTED BY, THE CEILING ASSEMBLY, INCLUDING THE CEILING SUPPORT WIRES. AN INDEPENDENT MEANS OF SECURE SUPPORT SHALL BE PROVIDED AND SHALL BE PERMITTED TO BE ATTACHED TO THE ASSEMBLY. WHERE INDEPENDENT SUPPORT WIRES ARE USED, THEY SHALL BE DISTINGUISHABLE BY COLOR, TAGGING, OR OTHER EFFECTIVE MEANS. EXCEPTION: THE CEILING SUPPORT SYSTEM SHALL BE PERMITTED TO SUPPORT BRANCH–CIRCUIT WIRING AND ASSOCIATED EQUIPMENT WHERE INSTALLED IN ACCORDANCE WITH THE CEILING SYSTEM MANUFACTURER'S INSTRUCTIONS.
18. [2022 CEC 300.13(A)] – CONDUCTORS IN RACEWAYS SHALL BE CONTINUOUS BETWEEN OUTLETS, BOXES, DEVICES, AND SO FORTH. THERE SHALL BE NO SPLICE OR TAP WITHIN A RACEWAY UNLESS PERMITTED BY 300.15; 368.56(A); 376.56; 378.56; 384.56; 386.56; 388.56; OR 390.56.
19. [2022 CEC 300.14] – AT LEAST 150 MM (6 IN.) OF FREE CONDUCTOR, MEASURED FROM THE POINT IN THE BOX WHERE IT EMERGES FROM ITS RACEWAY OR CABLE SHEATH, SHALL BE LEFT AT EACH OUTLET, JUNCTION, AND SWITCH POINT FOR SPLICES OR THE CONNECTION OF LUMINAIRES OR DEVICES. WHERE THE OPENING TO AN OUTLET, JUNCTION, OR SWITCH POINT IS LESS THAN 200 MM (8 IN.) IN ANY DIMENSION, EACH CONDUCTOR SHALL BE LONG ENOUGH TO EXTEND AT LEAST 75 MM (3 IN.) OUTSIDE THE OPENING. EXCEPTION: CONDUCTORS THAT ARE NOT SPLICED OR TERMINATED AT THE OUTLET, JUNCTION, OR SWITCH POINT SHALL NOT BE REQUIRED TO COMPLY WITH 300.14.
20. [2022 CEC 300.15(A) – A BOX OR CONDUIT BODY SHALL NOT BE REQUIRED FOR EACH SPLICE, JUNCTION, SWITCH, PULL, TERMINATION, OR OUTLET POINTS IN WIRING METHODS WITH REMOVABLE COVERS, SUCH AS WIREWAYS, MULTIOUTLET ASSEMBLIES, AUXILIARY GUTTERS, AND SURFACE RACEWAYS. THE COVERS SHALL BE ACCESSIBLE AFTER INSTALLATION.
21. [2022 CEC 300.15(B) – AN INTEGRAL JUNCTION BOX OR WIRING COMPARTMENT AS PART OF APPROVED EQUIPMENT SHALL BE PERMITTED IN LIEU OF A BOX.
22. [2022 CEC 300.16(B)] – A BUSHING SHALL BE PERMITTED IN LIEU OF A BOX OR TERMINAL WHERE THE CONDUCTORS EMERGE FROM A RACEWAY AND ENTER OR TERMINATE AT EQUIPMENT, SUCH AS OPEN SWITCHBOARDS, UNENCLOSED CONTROL EQUIPMENT, OR SIMILAR EQUIPMENT. THE BUSHING SHALL BE OF THE INSULATING TYPE FOR OTHER THAN LEAD–SHEATHED CONDUCTORS.
23. [2022 CEC 334.30] – NONMETALLIC–SHEATHED CABLE SHALL BE SUPPORTED AND SECURED BY STAPLES; CABLE TIES LISTED AND IDENTIFIED FOR SECUREMENT AND SUPPORT; OR STRAPS, HANGERS, OR SIMILAR FITTINGS DESIGNED AND INSTALLED SO AS NOT TO DAMAGE THE CABLE, AT INTERVALS NOT EXCEEDING 1.4 M (41/2 FT) AND WITHIN 300 MM (12 IN.) OF EVERY CABLE ENTRY INTO ENCLOSURES SUCH AS OUTLET BOXES, JUNCTION BOXES, CABINETS, OR FITTINGS. THE CABLE LENGTH BETWEEN THE CABLE ENTRY AND THE CLOSEST CABLE SUPPORT SHALL NOT EXCEED 450 MM (18 IN.). FLAT CABLES SHALL NOT BE STAPLED ON EDGE.
SECTIONS OF CABLE PROTECTED FROM PHYSICAL DAMAGE BY RACEWAY SHALL NOT BE REQUIRED TO BE SECURED WITHIN THE RACEWAY.
24. [2022 CEC 344.30(A)] – (1) RMC SHALL BE SECURELY FASTENED WITHIN 900 MM (3 FT) OF EACH OUTLET BOX, JUNCTION BOX, DEVICE BOX, CABINET, CONDUIT BODY, OR OTHER CONDUIT TERMINATION. (2) FASTENING SHALL BE PERMITTED TO BE INCREASED TO A DISTANCE OF 1.5 M (5 FT) WHERE STRUCTURAL MEMBERS DO NOT READILY PERMIT FASTENING WITHIN 900 MM (3 FT). (3) WHERE APPROVED, CONDUIT SHALL NOT BE REQUIRED TO BE SECURELY FASTENED WITHIN 900 MM (3 FT) OF THE SERVICE HEAD FOR ABOVE–THE–ROOF TERMINATION OF A MAST.
25. [2022 CEC 350.12] – LIQUIDTIGHT METALLIC FLEXIBLE CONDUIT (USED AT PIV, OS&Y DEVICES, ETC.) IS NOT PERMITTED WHERE SUBJECTED TO PHYSICAL DAMAGE. (BASED ON THIS REQUIREMENT, LIQUIDTIGHT METALLIC FLEXIBLE CONDUIT IS NOT PERMITTED TO BE INSTALLED WITHIN 18–INCHES OF THE FINISHED SURFACE SO AS TO PREVENT PHYSICAL DAMAGE RESULTING FROM LANDSCAPING AND MAINTENANCE EQUIPMENT. ALL CONDUIT BELOW 18–INCHES AT THESE TYPES OF APPLIANCES ARE REQUIRED TO BE SCHEDULE–80 PVC RIGID NONMETALLIC OR RIGID METALLIC CONDUIT.)
26. [2022 CEC 760.3(D)] – COMPLIANCE WITH SECTIONS 110.11, 300.5(B), 300.6, 300.9, AND 310.10(F), WHERE INSTALLED IN CORROSIVE, DAMP, OR WET LOCATIONS.
27. [2022 CEC 760.3(E)] – WHERE BUILDING CONTROL CIRCUITS (E.G., ELEVATOR CAPTURE, FAN SHUTDOWN) ARE ASSOCIATED WITH THE FIRE ALARM SYSTEM, THE INSTALLATION SHALL COMPLY WITH CEC, ARTICLE 725.
28. [2022 CEC 760.24(B)] – CIRCUIT INTEGRITY (CI) CABLES SHALL BE SUPPORTED AT A DISTANCE NOT EXCEEDING 610 MM (24 IN.). WHERE LOCATED WITHIN 2.1 M (7 FT) OF THE FLOOR, AS COVERED IN 760.53(A)(1) AND 760.130(1), AS APPLICABLE, THE CABLE SHALL BE FASTENED IN AN APPROVED MANNER AT INTERVALS OF NOT MORE THAN 450 MM (18 IN.). CABLE SUPPORTS AND FASTENERS SHALL BE STEEL.
29. [2022 CEC 760.30] – FIRE ALARM CIRCUITS SHALL BE IDENTIFIED AT TERMINAL AND JUNCTION LOCATIONS IN A MANNER THAT HELPS TO PREVENT UNINTENTIONAL SIGNALS ON FIRE ALARM SYSTEM CIRCUIT(S) DURING TESTING AND SERVICING OF OTHER SYSTEMS.
30. [2022 CEC 760.130(B)(1)] – IN RACEWAYS, EXPOSED ON CEILINGS OR SIDEWALLS, OR FISHED IN CONCEALED SPACES: CABLE SPLICES OR TERMINATIONS SHALL BE MADE IN LISTED FITTINGS, BOXES, ENCLOSURES, FIRE ALARM DEVICES, OR UTILIZATION EQUIPMENT. WHERE INSTALLED EXPOSED, CABLES SHALL BE ADEQUATELY SUPPORTED AND INSTALLED IN SUCH A WAY THAT MAXIMUM PROTECTION AGAINST PHYSICAL DAMAGE IS AFFORDED BY BUILDING CONSTRUCTION SUCH AS BASEBOARDS, DOOR FRAMES, LEDGES, AND SO FORTH. WHERE LOCATED WITHIN 2.1 M (7 FT) OF THE FLOOR, CABLES SHALL BE SECURELY FASTENED IN AN APPROVED MANNER AT INTERVALS OF NOT MORE THAN 450 MM (18 IN.).
31. [2022 CEC 760.136(A)] – POWER–LIMITED FIRE ALARM CIRCUIT CABLES AND CONDUCTORS SHALL NOT BE PLACED IN ANY CABLE, CABLE TRAY, COMPARTMENT, ENCLOSURE, MANHOLE, OUTLET BOX, DEVICE BOX, RACEWAY, OR SIMILAR FITTING WITH CONDUCTORS OF ELECTRIC LIGHT, POWER, CLASS 1, NON–POWER–LIMITED FIRE ALARM CIRCUITS, AND MEDIUM–POWER NETWORK–POWERED BROADBAND COMMUNICATIONS CIRCUITS UNLESS PERMITTED BY 760.136(B) THROUGH (G).
32. ALL WIRING, INITIATING DEVICES, AND ANNUNCIATOR PANEL SHALL BE SUPERVISED TO THE PRINCIPAL POINT OF ANNUNCIATION (F/A PANEL TO SUPERVISE THE ANNUNCIATOR PANEL ALL CIRCUITS AND INITIATING DEVICES).
33. WIRING SHALL NOT BE LOOPED THROUGH DEVICES; WIRE MUST BE CUT FOR IN AND OUT.
34. POINT AND COMMON ANNUNCIATION PROHIBITED. NON–ADDRESSABLE CIRCUIT T–TAPPING IS PROHIBITED.
35. ALL DEVICES IN THE ALARM SYSTEM SHALL BE COMPATIBLE AND INSTALLED TO MANUFACTURERS SPECIFICATIONS.
36. TO ENSURE THAT AUDIBLE PUBLIC MODE SIGNALS ARE CLEARLY HEARD, UNLESS OTHERWISE PERMITTED BY 18.4.3.2 THROUGH 18.4.3.5, THEY SHALL HAVE A SOUND LEVEL AT LEAST 15 DB ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 DB ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, MEASURED 5 FT (1.5 M) ABOVE THE FLOOR IN THE AREA REQUIRED TO BE SERVED BY THE SYSTEM USING THE A–WEIGHTED SCALE (DBA).. 2022 NFPA 72 18.4.3.1
37. AREAS HAVING MORE THAN 2 STROBES IN THE FIELD OF VIEW SHALL BE SYNCHRONIZED.
38. SMOKE DETECTOR AND HEAT DETECTOR LOCATIONS ARE BASED ON SMOOTH CEILING WITH MAXIMUM HEIGHT OF 10 FEET UNLESS OTHERWISE NOTED.
39. STROBE LOCATION FOR CEILING MOUNT IS BASED ON 10 FOOT CEILING HEIGHT AND ARE INSTALLED ACCORDING TO 2022 NFPA 72 REQUIREMENTS UNLESS OTHERWISE NOTED.
40. WALL–MOUNTED STROBES SHALL HAVE THEIR ENTIRE LENS NOT LESS THAN 80 INCHES ABOVE FINISHED FLOOR AND NO GREATER THAN 96 INCHES ABOVE FINISHED FLOOR.
41. TOP OF PULL STATION ACTION SHALL BE MOUNTED AT 48 INCHES ABOVE FLOOR LEVEL.
42. FIRE ALARM SIGNAL SHALL MEET ANSI S3.41, AUDIBLE EMERGENCY EVACUATION SIGNAL (TEMPORAL PATTERN).
43. ALL EXTERIOR ELECTRICAL JUNCTION BOXES, OUTSIDE CONTROL VALVES, AND FLOW SWITCHES SHALL HAVE ELECTRICALLY SUPERVISED COVERS. TAMPER PROOF SCREWS MAY BE USED IN LIEU OF ELECTRICAL SUPERVISION, PER 2022 NFPA 72. TAMPER PROOF SCREWS SHALL BE USED ON THIS PROJECT.
44. THE FIRE ALARM PANEL SHALL BE FED FROM A DEDICATED POWER SOURCE. THE CIRCUIT DISCONNECT MEANS SHALL BE PROVIDED WITH A RED MARKING "FIRE ALARM CIRCUIT". THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY AFFIXED TO THE FIRE ALARM PANEL, PER 2022 NFPA 72
45. THE FIRE ALARM MONITORING COMPANY'S 24–HOUR PHONE NUMBER AND ACCOUNT NUMBER WILL BE PLACED ON THE FACP ALONG WITH SILENCE AND RESET INSTRUCTIONS PLACED ON THE OUTSIDE OF, OR ADJACENT TO, THE FACP.
46. DOCUMENT BOX SHALL CONTAIN: A) A SIGNED FIRE ALARM "RECORD OF COMPLETION" FORM.; B) A SIGNED INSPECTION AND TESTING FORM.; C) 1 SETS OF AS–BUILT PLANS SHOWING EXACTLY HOW THE SYSTEM WAS INSTALLED. ONE SET WILL BE PLACED IN THE PERMANENT DOCUMENTATION CABINET / TUBE LOCATED AT THE FIRE ALARM CONTROL PANEL (FACP). 2022 NFPA 72 7.5.5.4, 7.5.5.5, 7.5.6.

FIRE ALARM GENERAL NOTES

1. ALL WORK IS NEW UON. CONCEAL CONDUITS ABOVE CEILING AND BEHIND WALLS. WHERE EXPOSED, OBTAIN APPROVAL FROM ENGINEER.
2. ALL WIRING SHALL BE IN CONDUITS UON. UNDERGROUND AND OUTDOOR CONDUITS SHALL BE WATERTIGHT AND FREE OF MOISTURE. CABLE NOT IN CONDUIT OR ROUTED UNDERGROUND SHALL BE INSULATED AND OUTDOOR RATED. USE SEPARATED WIRES FOR INITIATION CIRCUITS ROUTED UNDERGROUND EXPOSED CONDUITS SHALL BE PAINTED TO MATCH FINISH.
3. FIRE ALARM DEVICES SHALL BE SYNCHRONIZED. PROVIDE MODULES AND WIRES AS NECESSARY.
4. ALL REQUIREMENTS OF CONTRACT SPECIFICATIONS AND DRAWINGS APPLY.
5. SEE FIRE ALARM SPECIFICATION ON DRAWING #FA0–1 FOR ADDITIONAL INSTALLATION REQUIREMENTS.
6. 120VAC 60HZ INPUT POWER FOR FIRE ALARM CONTROL SHALL BE A DEDICATED CIRCUIT WITH PERMANENT LOCK ON DEVICE LOCKING BREAKER PROPERLY LABELED OR "EMERGENCY POWER FROM THE MAIN DISTRIBUTION PANEL AND LOCAL LOCKABLE BREAKER AT FACP, & TAC PANELS
7. ALL WIRING, INCLUDING SHIELDS, MUST BE DRY AND FREE OF SHORTS AND GROUNDS. NO SPLICES SHALL BE MADE IN UNDER GROUND BOXES.
8. PROVIDE DISTRICT WITH ONE COPY OF "AS BUILT" DRAWINGS SHOWING LOCATION OF JUNCTION BOXES AND SPLICE BOXES SO THAT ACCURATE DOCUMENTATION MAY BE MAINTAINED
9. 120VAC IS NOT PERMITTED IN SAME CONDUIT WITH LOW VOLTAGE WIRING.
10. DO NOT APPLY POWER EXCEPT IN THE PRESENCE OF A FACTORY TRAINED NOTIFIER TECHNICAL REPRESENTATIVE.
11. ANY SMOKE DETECTOR HEAD INSTALLED BEFORE BUILDING IS CLEANED AND ACCEPTED SHALL BE COVERED TO PROTECT FROM DUST. ANY FALSE ALARMS DUE TO DIRT CONTAMINATED HEADS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
12. THERE WILL BE NO CONDUIT ENTRY ALLOWED 18" OR LOWER ON THE SIDE PANELS OR THROUGH THE BOTTOM OF ALL CONTROL EQUIPMENT BACKBOXES.
13. MANUAL PULL STATIONS SHALL BE MOUNTED NO HIGHER THAN 48" ABOVE FINISHED FLOOR. VISIBLE NOTIFICATION APPLIANCES MOUNTING HEIGHTS SHALL BE AS PER DRAWINGS.
14. 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 FIRE ALARM TESTING AND SHALL ASSIST / WITNESS SUCH TESTING WHEN ABLE. NOTIFIER REP TO COMMISSION PRIOR TO AHJ.
15. ALL WIRE, PANEL AND DEVICE TERMINATIONS, CONDUIT, PHYSICAL MOUNTING, ETC., SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
16. U.L. CERTIFICATION FOR THE FIRE ALARM SYSTEM WILL BE PROVIDED BY NOTIFIER. (UL #S3232–27)
17. AUDIBLE FIRE ALARM EVACUATION SIGNAL SHALL BE A UNIFORM CODED THREE – PULSE TEMPORAL PATTERN PER NFPA–72, FOLLOWED BY PRE–RECORDED MESSAGE.
18. ALL CONDUITS SHALL HAVE COMPRESSING TYPE. MINIMUM SIZE 3/4". PAINT ALL CONDUITS TO MATCH THE WALLS. PAINT JUNCTION BOXES RED. COORDINATE WITH DISTRICT PAINT STANDARDS
19. UNDERGROUND AND EXTERIOR CONDUITS SHALL HAVE WATER–TIGHT FITTINGS (CEC 110–11 AND 300–6).
20. AUDIBLE FIRE ALARM SOUND LEVEL SHALL BE AT LEAST 15dBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5dBA ABOVE THE MAXIMUM AMBIENT SOUND LEVEL, WHICHEVER IS GREATER, IN ALL OCCUPIABLE AREAS. (2022 NFPA 72 SEC. 18.4.3.1 & CBC 907.5.2.1.1) (i.e. CLASSROOM AVERAGE AMBIENT ROOM NOISE IS 45dBA PLUS 15dBA EQUALS = 60dBA MINIMUM ALARM TONE REQUIRED). THE TOTAL SOUND LEVEL WITH ALL NOTIFICATION APPLIANCES OPERATING SHALL NOT EXCEED 110dBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. (2022 CBC 907.5.2.1.2).
21. STROBE SHALL FLASH AT A RATE OF NOT EXCEEDING TWO FLASHES PER SECOND NOT BE LESS THAN ONE FLASH EVERY SECOND. (2022 NFPA 72 SEC. 4–4.2)
22. AT THE END OF THE WORKDAY, REMOVE ALL DEBRIS AND CLEAN THE WORK AREA.
23. ALL CONDUITS IN THE CORRIDORS AND CLASSROOMS SHALL BE INSTALLED ON WALLS, CLOSED TO THE CEILING AND THEY SHOULD BE EITHER PARALLEL OR 90 DEGREE TO THE WALLS. USE OF CEILING FOR SUPPORT OF CONDUITS HAS TO BE APPROVED BY THE ENGINEER.
24. MARK THE LOCATION OF ALL DEVICES (USE DIFFERENT COLOR TAPE FOR DIFFERENT DEVICES) AND CONDUIT RUN AT SITE. THE LOCATION OF DEVICES AND CONDUIT RUN MUST BE APPROVED BY THE ENGINEER / INSPECTOR PRIOR TO INSTALLATION.
25. TAG ALL WIRE AT JUNCTION BOXES AND AT TERMINATION, AND LABEL ALL DEVICES.
26. AS THE DRAWINGS ARE SCHEMATICS IN NATURE, AFTER FINALIZING THE LOCATION OF THE DEVICES AND THE CONDUIT ROUTING, MARK THE CONSTRUCTION DRAWINGS AND MEET WITH OWNER. THEY WILL PROVIDE YOU WITH THE INFORMATION ABOUT THE EXISTENCE OF LEAD–BASED PAINT OR ASBESTOS IN THE WORK AREA. FOLLOW THEIR DIRECTION TO MEET THE STATE AND CITY REQUIREMENTS TO WORK IN AND AROUND CONTAMINATED AREAS.
27. FIRE ALARM CONTRACTOR SHALL PROVIDE A "RECORD OF COMPLETION" TO THE INSPECTOR OF RECORD (IOR) / DSA AND DISTRICT AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TESTS. (2022 NFPA 72 SEC. 1–6.2.1 & FIGURE 1–6.2.1)
28. TITLE 24 PART I ADMINISTRATIVE REQUIREMENTS INCLUDING BUT NOT LIMITED TO THE FOLLOWING SECTIONS AND THEIR SUB SECTIONS SHALL APPLY.
   A ADMINISTRATION OF CONSTRUCTION
   B INSPECTOR AND CONTINUOUS INSPECTION PER SECTION 4–333(b) AND 4–342
   C SUPERVISION BY DSA PER SECTION 4–334
   D VERIFIED REPORTS PER SECTION 4–336
   E ADDENDA AND CHANGES PER SECTION 4–338
   F DSA IS NOT SUBJECT TO ARBITRATION
29. UPON COMPLETION OF SYSTEM INSTALLATION, AND FACTORY COMMISSIONING, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF AND IN A MANNER ACCEPTABLE TO DSA/IOR. THE CONTRACTOR TO SUPPLY NECESSARY TESTING EQUIPMENTS INCLUDING A "DECIBEL METER" TO CHECK ACCEPTABLE NOISE LEVEL OF AUDIBLE DEVICES. PROVIDE TEST RESULTS PER NFPA 72 TO ARCHITECT, DSA, IOR, OWNER AND TO THE LOCAL FIRE AUTHORITY.
30. PENETRATIONS OF ALL FIRE–RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE, PART 2. PROVIDE DETAILS AND UL DESIGN NUMBERS.
31. RECORD RECEIPT OF ALL SIGNALS TO CENTRAL STATION MONITOR.
32. CONTRACTOR SHALL REFER TO FIRE ALARM SPECIFICATIONS AND HUSD STANDARDS FOR ADDITIONAL FIRE ALARM SYSTEM INSTALLATION REQUIREMENTS.
33. SUPERVISING STATION: AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72, AS AMENDED BY ARTICLE 91. THE SUPERVISION STATION SHALL BE LISTED AS EITHER UUFX OR UUJS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011.
34. IF ROUTING DIFFERS SIGNIFICANTLY FROM THESE PLANS, APPROVAL FROM DSA AND THE PROJECT ELECTRICAL ENGINEER MUST BE OBTAINED BEFORE CONSTRUCTION. AFTER CONSTRUCTION, PROVIDE ACCURATE FIELD RECORD DRAWINGS TO OWNER.
35. AUDIBLE DEVICES SHALL BE NOT LESS THAN 75 DBA AT 10 FEET AND NOT MORE THAN 110 DBA IN TOTAL THROUGHOUT. AUDIBLE SOUND LEVELS SHALL ALSO BE AT LEAST 15 dBA ABOVE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPIED AREAS. AUDIBLE DEVICES SHALL SOUND THE CALIFORNIA UNIFORM FIRE ALARM SIGNAL IN TEMPORAL MODE, THREE DISCTINCTIVE FIRE ALARM SOUND.
36. CONTRACTOR MUST SUBMIT RESULT OF THE SOUND TEST TO THE PROJECT ELECTRICAL ENGINEER AND MAY BE REQUIRED TO RELOCATE OR ADD AUDIBLE DEVICES TO MEET THE DBA REQUIREMENT. CONTRACTOR BID SHALL INCLUDE TWO (2) SPARE OF EACH TYPE OF SIGNALING DEVICES WITH FULL INSTALLATION CONNECTION TO FACP AS REQUIRED (I.E. HORN, SPEAKER/STROBE).
37. FIRE ALARM SYSTEMS SHALL BE SUPERVISED BY AN APPROVED UL LISTED CENTRAL STATION, OR REMOTE STATION (UUFX) MONITORING COMPANY (UUJS)". (REF: CFC 907.6.6)
38. NOTIFICATION APPLIANCES USED FOR SIGNALING OTHER THAN FIRE SHALL NOT HAVE THE WORD "FIRE", OR ANY FIRE SYMBOL, IN ANY FORM (i.e. STAMPED, IMPRINTED, ETC.) ON THE APPLIANCE VISIBLE TO THE PUBLIC.
39. SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUCTION WITH FINAL ACCEPTANCE TEST

SUMMARY OF WORK

1. THE FIRE ALARM WORK INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
   a. INSTALLATION OF CONDUITS/RACEWAYS AND WIRING.
   b. INSTALLATION FA DETECTION DEVICES AND NOTIFICATION DEVICE.
   c. TESTING AND COMMISSIONING OF FIRE ALARM SYSTEM.S
2. CONTRACTOR SHALL COORDINATE FIRE ALARM WORK WITH DISTRICT AND LOCAL FIRE AUTHORITY. DISTRICT AND LOCAL FIRE AUTHORITY SHALL BE GIVEN 48 HOURS NOTICE PRIOR TO SYSTEM SHUT DOWN. SIGNS SHALL BE POSTED NOTIFYING PUBLIC AND DISTRICT AUTHORITIES THAT THE FIRE ALARM SYSTEM HAS BEEN DECOMMISSIONED FOR THE UPGRADE.

APPLICABLE CODES

APPLICABLE CODE: 2022 CBC

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA–APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7–16 CHAPTERS 13, 26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G., HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY 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:

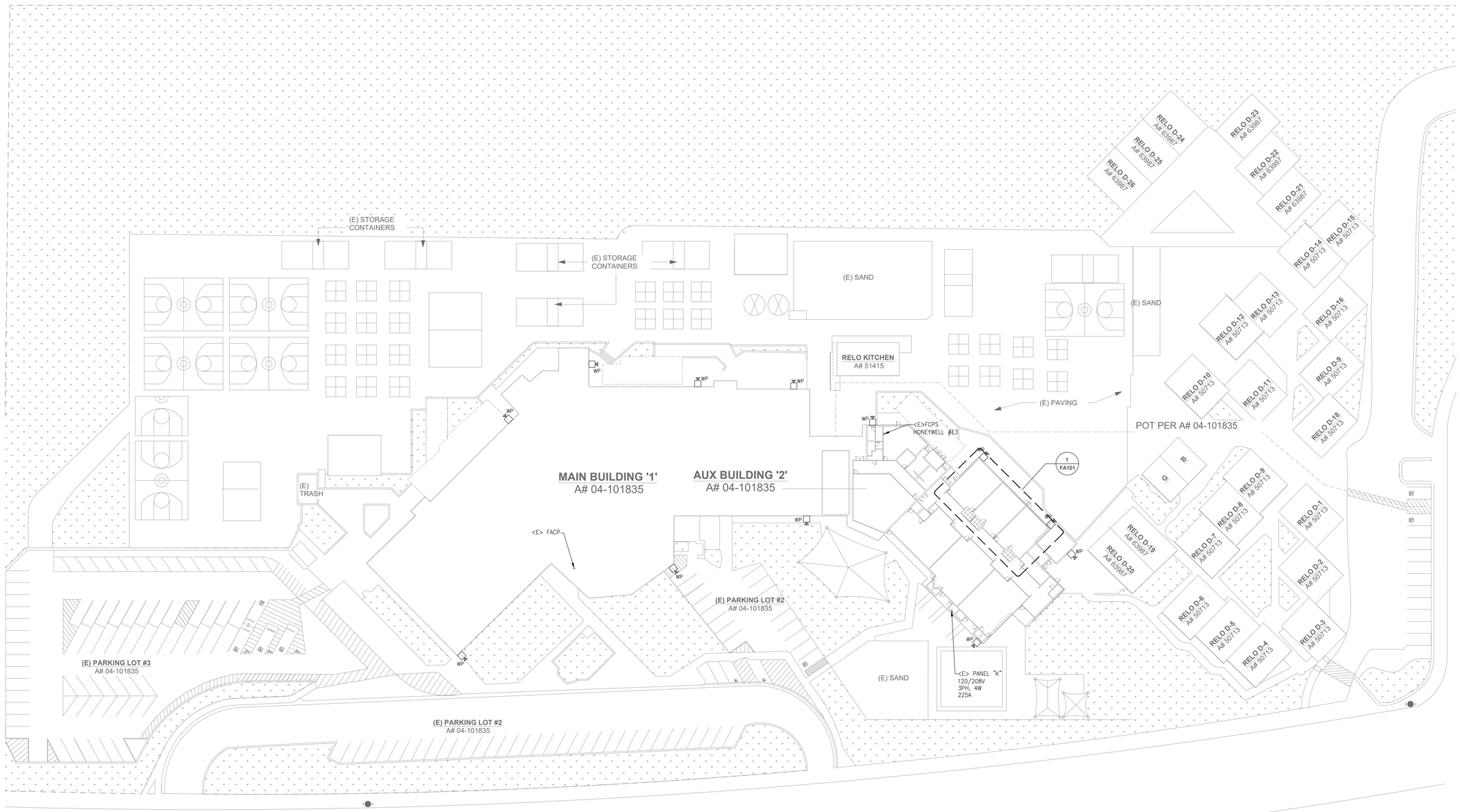
A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

APPLICABLE CODE: 2022 CBC PER IR 16–13.

MEP DISTRIBUTION SYSTEM BRACING NOTE FOR PIPING, DUCTWORK, AND ELECTRICAL CONDUIT

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7 SECTION 13.3 AS DEFINED IN ASCE 7 SECTIONS 13.6.5, 13.6.6, 13.6.7, AND 13.6.8; AND 2022 CBC SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.



1 FIRE ALARM OVERALL SITE PLAN
FA100 REF.

SCALE: 1/32" = 1'-0"

NORTH

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

These drawings have been prepared as one coordinated set of drawings and are complimentary. What is required by one drawing is required by all of the drawings, even if a detail or component part is not identified on every sheet. Any user's reliance on a single or select few sheet(s) of the drawings without consideration for the information included in the entire set of drawings will be at the user's sole risk and shall not form the basis for a request for additional compensation or time.

PROJECT

PYLUSD EST 1874

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — No. E19306 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — JASON A. DONTE — No. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE

FIRE ALARM OVERALL SITE PLAN

SHEET #

FA100

REFERENCE SHEET NOTES

1. EXISTING FA DEVICES TO REMAIN AND PROTECT IN PLACE. REWIRE WITH CONDUITS&WIRING TO MAINTAIN OUTSIDE AREA OF SCOPE FIRE ALARM SYSTEM/OPERATION AS REQUIRED.
2. DEMOLISH EXISTING FIRE ALARM DEVICES AND ASSOCIATED CONNECTION. REMOVE WIRING BACK TO SOURCE.

GENERAL SHEET NOTES

A. SEE SHEET E-001 FOR DEMOLITION NOTES AND ADDITIONAL GENERAL NOTES.

B. FIRE ALARM DEVICES SHALL BE MOUNTED TO MEET ADA REQUIREMENTS.

C. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUITS. INTERIOR EXPOSED CONDUITS SHALL BE EMT. EXTERIOR EXPOSED CONDUITS SHALL BE RGS.

D. ALL ABOVE CEILING CEILING FIRE ALARM CONDUITS SHALL BE PAINTED IN RED. EXPOSED FIRE ALARM CONDUITS SHALL BE PAINTED TO MATCH ADJACENT WALL FINISH.

E. FIRE ALARM CONDUIT ROUTING IS DIAGRAMMATIC. ROUTING SHOWN MINIMIZES AMOUNT OF EXPOSED RACEWAYS IN INTERIOR SPACES AND DISTANCES ARE WITHIN ALLOWABLE VOLTAGE DROPS. CONTRACTOR SHALL PLAN ROUTING IN ADVANCE AND PROVIDE ROUTING PLAN TO ENGINEER FOR REVIEW. IF PROPOSED ROUTING DIFFERS SIGNIFICANTLY FROM PLAN, CONTRACTOR SHALL PROVIDE REVISED CALCULATIONS AND REFLECT ROUTING CHANGES IN AS-BUILTS.

F. ALL NEW FIRE ALARM RACEWAYS SHALL BE CONCEALED. PATCH & PAINT WALL/CEILING AFFECTED. USE 3/4"C. MIN.

G. CONTRACTOR SHALL FIELD VERIFY AND INSTALL HEAT DETECTORS TO ALL ABOVE ACCESSIBLE CEILING SPACES.

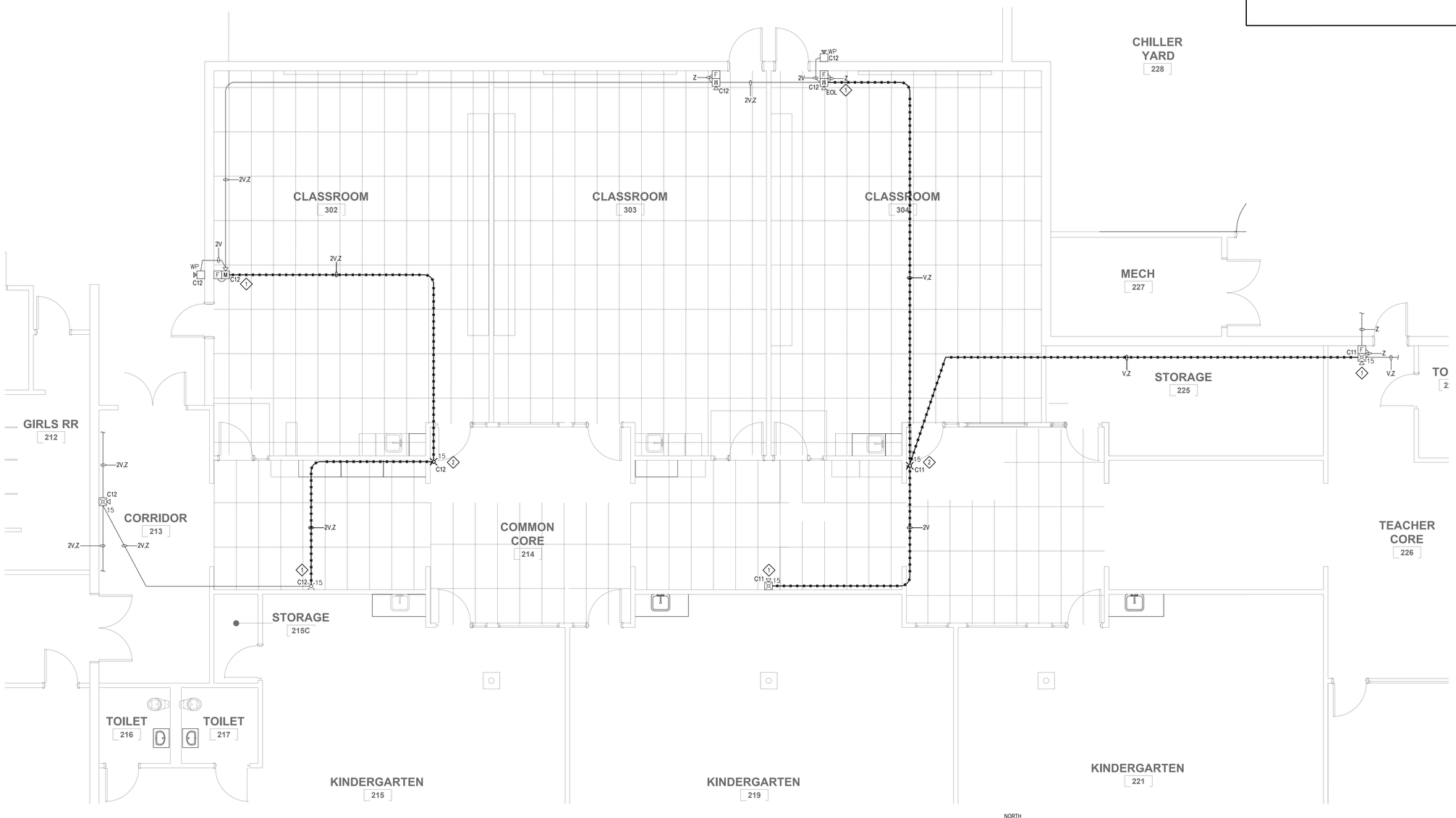
H. PROVIDE SUITABLE BACKBOXES FOR ALL SURFACE MOUNTED FIRE ALARM DEVICES AS REQUIRED.

I. FIRE ALARM DESIGN WAS BASED ON THE AVAILABLE AS-BUILT PLANS FROM THE DISTRICT. CONTRACTOR SHALL FIELD VERIFY EXACT DEVICE LOCATIONS AND CONDUIT ROUTING, AND SHALL INFORM THE ENGINEERS IN CHARGE FOR ANY DISCREPANCIES.

J. ALL CIRCUIT BREAKERS SERVING FIRE ALARM SYSTEM/DEVICES/PANELS SHALL HAVE RED LOCKABLE DEVICE WITH 'FIRE ALARM' PERMANENT LABEL PER CODE REQUIREMENT.

K. CONTRACTOR SHALL PROVIDE FIRE WATCH DURING FIRE ALARM SYSTEM REPLACEMENT PROJECT PER CODE AND SCHOOL DISTRICT REQUIREMENT.

L. CONTRACTOR SHALL REMOVE ALL ABANDONED FIRE ALARM APPLIANCES, DEVICES, AND ASSOCIATED CONDUCTORS. COORDINATE WITH OWNER FOR POTENTIAL SALVAGE PRIOR TO DISPOSAL.



1 FIRE ALARM DEMOLITION FLOOR PLAN

FA101 REF.

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

NORTH

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

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PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — CHI KIT CHAN — No. E18066 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — JASON C. HUNTER — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE

FIRE ALARM DEMOLITION FLOOR PLAN

SHEET #

FA101

FIRE ALARM WIRE DESIGNATION					
SYMBOL	DESCRIPTION	NUMBER OF CONDUTORS	SIZE	TYPE	COLOR CODE
V	INDICATING CIRCUIT-AUDIBLE/VISUAL	TWO	#12	THHN	YELLOW/BLUE
C	TEMPORAL CODING	TWO	#14	FPL/THHN	WHITE/BLUE
D	DATA LINE-SERIAL COMMUNICATIONS	TWISTED PAIR WITH SHIELD	#18	FPL	RED(JACKET)
P	DEVICE POWER-24VDC	TWO	#14	FPL/THHN	PINK/PURPLE
Z	DATA LINE-ADDRESSABLE DEVICE	TWISTED PAIR	#16	FPL	RED(JACKET)
ZU	DATA LINE-(UNDERGROUND)	TWISTED PAIR	#16	WEST PENN	AQ225 OR EQ

REFERENCE SHEET NOTES

1. EXISTING FA DEVICES TO REMAIN AND PROTECT IN PLACE. PROVIDE CONNECTION IN 3/4" CONDUIT TO FIRE ALARM DEVICES PER PLAN.
2. WALL MOUNTED FA NOTIFICATION DEVICES.
3. ABOVE CEILING HEAT DETECTOR. PROVIDE ACCESS PANEL AT CEILING AS REQUIRED.
4. CEILING MOUNTED SMOKE DETECTOR.

GENERAL SHEET NOTES

A. SEE SHEET E-001 FOR DEMOLITION NOTES AND ADDITIONAL GENERAL NOTES.

B. FIRE ALARM DEVICES SHALL BE MOUNTED TO MEET ADA REQUIREMENTS.

C. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUITS. INTERIOR EXPOSED CONDUITS SHALL BE EMT. EXTERIOR EXPOSED CONDUITS SHALL BE RGS.

D. ALL ABOVE CEILING CEILING FIRE ALARM CONDUITS SHALL BE PAINTED IN RED. EXPOSED FIRE ALARM CONDUITS SHALL BE PAINTED TO MATCH ADJACENT WALL FINISH.

E. FIRE ALARM CONDUIT ROUTING IS DIAGRAMMATIC. ROUTING SHOWN MINIMIZES AMOUNT OF EXPOSED RACEWAYS IN INTERIOR SPACES AND DISTANCES ARE WITHIN ALLOWABLE VOLTAGE DROPS. CONTRACTOR SHALL PLAN ROUTING IN ADVANCE AND PROVIDE ROUTING PLAN TO ENGINEER FOR REVIEW. IF PROPOSED ROUTING DIFFERS SIGNIFICANTLY FROM PLAN, CONTRACTOR SHALL PROVIDE REVISED CALCULATIONS AND REFLECT ROUTING CHANGES IN AS-BUILTS.

F. ALL NEW FIRE ALARM RACEWAYS SHALL BE CONCEALED. PATCH & PAINT WALL/CEILING AFFECTED. USE 3/4"C. MIN.

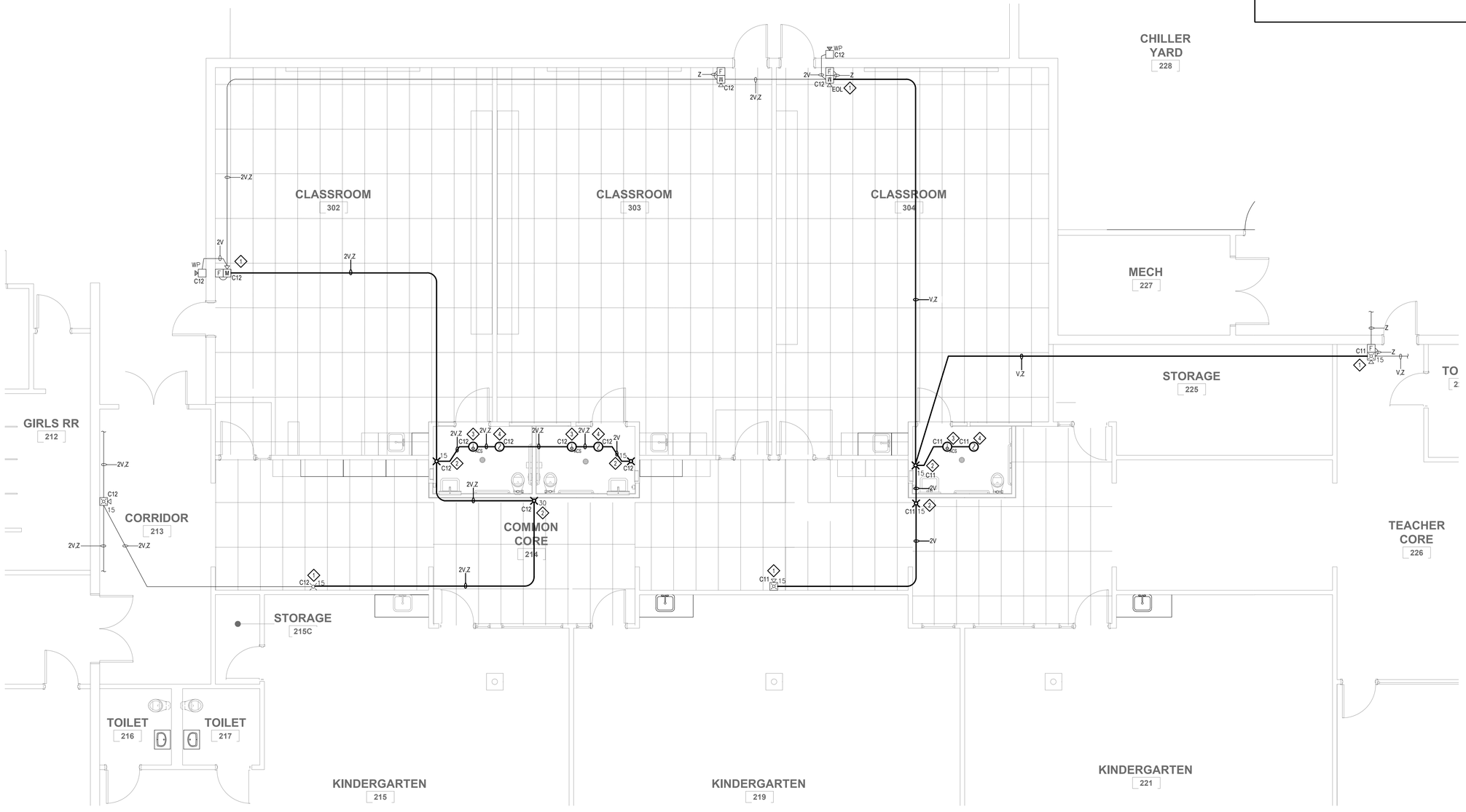
G. CONTRACTOR SHALL FIELD VERIFY AND INSTALL HEAT DETECTORS TO ALL ABOVE ACCESSIBLE CEILING SPACES.

H. PROVIDE SUITABLE BACKBOXES FOR ALL SURFACE MOUNTED FIRE ALARM DEVICES AS REQUIRED.

I. FIRE ALARM DESIGN WAS BASED ON THE AVAILABLE AS-BUILT PLANS FROM THE DISTRICT. CONTRACTOR SHALL FIELD VERIFY EXACT DEVICE LOCATIONS AND CONDUIT ROUTING, AND SHALL INFORM THE ENGINEERS IN CHARGE FOR ANY DISCREPANCIES.

J. ALL CIRCUIT BREAKERS SERVING FIRE ALARM SYSTEM/DEVICES/PANELS SHALL HAVE RED LOCKABLE DEVICE WITH 'FIRE ALARM' PERMANENT LABEL PER CODE REQUIREMENT.

K. CONTRACTOR SHALL PROVIDE FIRE WATCH DURING FIRE ALARM SYSTEM REPLACEMENT PROJECT PER CODE AND SCHOOL DISTRICT REQUIREMENT.



1 FIRE ALARM NEW WORK FLOOR PLAN

FA102 REF.

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

AGENCY APPROVAL

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APP: 04-125244 INC:
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PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**

DATE **02/23/2026**

PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — No. E18346 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — NO. C-32176 — RENEW 07-31-27 — STATE OF CALIFORNIA

TITLE

FIRE ALARM
NEW WORK FLOOR PLAN

SHEET #

FA102

REFERENCE SHEET NOTES

1. SEE PANEL SCHEDULES FOR DETAIL.

FIRE ALARM DEVCIES LIST

QUANTITY	FIRE ALARM DEVICE	MANUFACTURER	MODEL NUMBER	CSFM	BACKBOX	MOUNTING HEIGHT	SUPERVISORY CURRENT (A)	ALARM CURRENT (A)
1	<E>FCPS	HONEYWELL FCI	7100-2D	7165-0028:164	EXISTING	EXISTING	0.065000	0.085000
3	SMOKE DETECTOR	HONEYWELL FCI	ASD-PL2		4S JUNCTION BOX	SEE PLAN FOR LOCATION	0.000250	0.000360
3	SMOKE DETECTOR BASE	HONEYWELL FCI	B201LP	7300-1653:0109				
3	HEAT DETECTOR	HONEYWELL FCI	ATD-L2		4S JUNCTION BOX	SEE PLAN FOR LOCATION	0.000200	0.000300
3	HEAT DETECTOR BASE	HONEYWELL FCI	B201LP	7300-1653:0109				
4	STROBE - 15CD, WALL MOUNTED	WHEELOCK	RSS2415WFR	7125-0785:131	4S JUNCTION BOX	ENTIRE LENS BETWEEN 80" AND 96" AFF	0.000000	0.041000
1	STROBE - 30CD, WALL MOUNTED	WHEELOCK	RSS2430WFR	7125-0785:131	4S JUNCTION BOX	ENTIRE LENS BETWEEN 80" AND 96" AFF	0.000000	0.062000

FIRE ALARM WIRE DESIGNATION

SYMBOL	DESCRIPTION	NUMBER OF CONDUTORS	SIZE	TYPE	COLOR CODE
V	INDICATING CIRCUIT-AUDIBLE/VISUAL	TWO	#12	THHN	YELLOW/BLUE
C	TEMPORAL CODING	TWO	#14	FPL/THHN	WHITE/BLUE
D	DATA LINE-SERIAL COMMUNICATIONS	TWISTED PAIR WITH SHIELD	#18	FPL	RED(JACKET)
P	DEVICE POWER-24VDC	TWO	#14	FPL/THHN	PINK/PURPLE
Z	DATA LINE-ADDRESSABLE DEVICE	TWISTED PAIR	#16	FPL	RED(JACKET)
ZU	DATA LINE-(UNDERGROUND)	TWISTED PAIR	#16	WEST PENN	AQ225 OR EQ

PROJECT NAME:
FAIRMONT ELEMENTARY SCHOOL, FAIRMONT, CA — **HONEYWELL FCI**

FCPS - FIRE ALARM CONTROL POWER SUPPLY

BATTERY CALCULATION

TOTAL OLD	TOTAL NEW	DESCRIPTION	SUPERVISORY CURRENT EACH	SUPERVISORY CURRENT TOTAL	ALARM CURRENT EACH	ALARM CURRENT TOTAL
1	0	<E>FCPS	0.06500	0.0650	0.08500	0.0850
	3	SMOKE DETECTOR	0.00025	0.0008	0.00036	0.0011
	3	SMOKE DETECTOR BASE	0.00000	0.0000	0.00000	0.0000
	3	HEAT DETECTOR	0.00020	0.0006	0.00030	0.0009
	3	HEAT DETECTOR BASE	0.00000	0.0000	0.00000	0.0000
	4	STROBE - 15CD, WALL MOUNTED	0.00000	0.0000	0.04100	0.1640
	1	STROBE - 30CD, WALL MOUNTED	0.00000	0.0000	0.06200	0.0620
TOTAL AMPS:				0.07		0.31
24 HOUR SUPERVISORY + 5 MINUTE TRANSMISSION			24.08	0.07	1.60	AMP-HRS
15 MINUTE ALARM			0.25	0.31	0.08	AMP-HRS
SUBTOTAL:				AMP-HRS	1.68	AMP-HRS
RESULTED MINIMUM BATTERY CAPACITY WITH 25% SAFETY FACTOR:				AMP-HRS	2.10	AMP-HRS

BATTERY REQUIREMENT:
PROVIDE 7AMP-HR BATTERY

PROJECT NAME:
FAIRMONT ELEMENTARY SCHOOL, FAIRMONT, CA — **HONEYWELL FCI**

VOLTAGE DROP CALCULATION

VOLTAGE DROP = (TOTAL ALARM CURRENT) X (LENGTH FT. / 1000)X 2 X (OHMS PER 1000 FT.)
#12 AWG COPPER STRANDED THHN/THWN = — OHM PER 1000 FT. (c1) — 1.98
MAXIMUM ALLOWED VOLTAGE DROP AT 10% = 2.4 VOLTS

FORMULA:

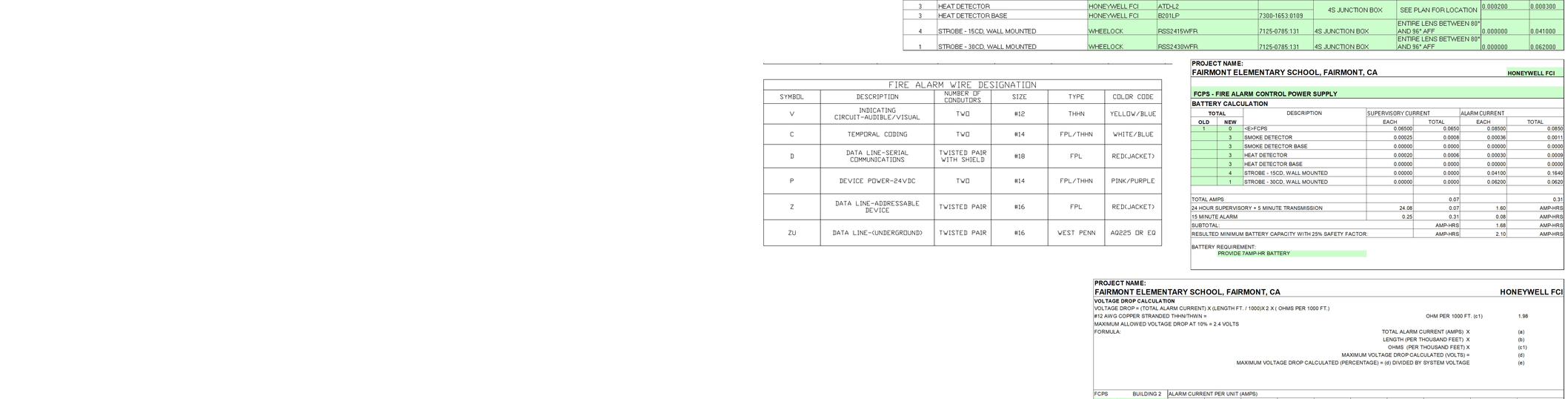
TOTAL ALARM CURRENT (AMPS) X	(a)
LENGTH (PER THOUSAND FEET) X	(b)
OHMS (PER THOUSAND FEET) X	(c1)
MAXIMUM VOLTAGE DROP CALCULATED (VOLTS) =	(d)
MAXIMUM VOLTAGE DROP CALCULATED (PERCENTAGE) = (d) DIVDED BY SYSTEM VOLTAGE	(e)

FCPS	BUILDING 2	ALARM CURRENT PER UNIT (AMPS)									
CIRCUIT C11		STROBE-15	STROBE-30	STROBE-75	STROBE-110	H/S-15	H/S-30	H/S-75	H/S-110	MINI-HORN	MINI-HORN
	LOAD	0.041000	0.062000	0.116000	0.155000	0.060000	0.084000	0.132000	0.173000	0.075000	0.044000
	EXISTING	6				3				2	
	NEW	2		0	0	0	0	0	0	0	0
	SUBTOTAL	0.328	0.000	0.000	0.000	0.180	0.000	0.000	0.000	0.150	0.000

TOTAL ALARM CURRENT FOR ZONE: (a) — 0.68
LENGTH (PER THOUSAND FEET): (b) — 0.50
#12 AWG COPPER STRANDED THHN/THWN = (c1) — OHM PER 1000 FT. (c1) — 1.98
MAXIMUM VOLTAGE DROP CALCULATED (VOLTS): (d) — **1.30**
MAXIMUM VOLTAGE DROP CALCULATED (PERCENTAGE) (e) — **5.43%**

FCPS	BUILDING 2	ALARM CURRENT PER UNIT (AMPS)									
CIRCUIT C12		STROBE-15	STROBE-30	STROBE-75	STROBE-110	H/S-15	H/S-30	H/S-75	H/S-110	MINI-HORN	MINI-HORN
	LOAD	0.041000	0.062000	0.116000	0.155000	0.060000	0.084000	0.132000	0.173000	0.075000	0.044000
	EXISTING	5				2			1	2	3
	NEW	2	1	0	0	0	0	0		0	0
	SUBTOTAL	0.287	0.062	0.000	0.000	0.120	0.000	0.000	0.173	0.150	0.132

TOTAL ALARM CURRENT FOR ZONE: (a) — 0.92
LENGTH (PER THOUSAND FEET): (b) — 0.25
#12 AWG COPPER STRANDED THHN/THWN = (c1) — OHM PER 1000 FT. (c1) — 1.98
MAXIMUM VOLTAGE DROP CALCULATED (VOLTS): (d) — **0.91**
MAXIMUM VOLTAGE DROP CALCULATED (PERCENTAGE) (e) — **3.81%**



1 FIRE ALARM RISER DIAGRAM
FA401 REF. SCALE: NA

COMPLETE PLAN SUBMITTAL PER DSA POLICY 96-03 (FLS) MANUAL FIRE ALARM SYSTEM

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
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DATE: 04/22/2026

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GENERAL SHEET NOTES

A. FIRE ALARM DEVICES SHALL BE MOUNTED TO MEET ADA REQUIREMENTS.

B. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUITS. INTERIOR EXPOSED CONDUITS SHALL BE EMT. EXTERIOR EXPOSED CONDUITS SHALL BE RGS.

C. ALL ABOVE CEILING CEILING FIRE ALARM CONDUITS SHALL BE PAINTED IN RED. EXPOSED FIRE ALARM CONDUITS SHALL BE PAINTED TO MATCH ADJACENT WALL FINISH.

D. FIRE ALARM CONDUIT ROUTING IS DIAGRAMMATIC. ROUTING SHOWN MINIMIZES AMOUNT OF EXPOSED RACEWAYS IN INTERIOR SPACES AND DISTANCES ARE WITHIN ALLOWABLE VOLTAGE DROPS. CONTRACTOR SHALL PLAN ROUTING IN ADVANCE AND PROVIDE ROUTING PLAN TO ENGINEER FOR REVIEW. IF PROPOSED ROUTING DIFFERS SIGNIFICANTLY FROM PLAN, CONTRACTOR SHALL PROVIDE REVISED CALCULATIONS AND REFLECT ROUTING CHANGES IN AS-BUILTS.

E. ALL NEW FIRE ALARM RACEWAYS SHALL BE CONCEALED. PATCH & PAINT WALL/CEILING AFFECTED. USE 3/4"C. MIN.

F. CONTRACTOR SHALL FIELD VERIFY AND INSTALL HEAT DETECTORS TO ALL ABOVE ACCESSIBLE CEILING SPACES.

G. CONTRACTOR SHALL PROVIDE THE NECESSARY ADJUSTMENTS FOR SPEAKER SPACING AND MOUNTING ANGLE IN EACH ROOM. CONTRACTOR SHALL PROVIDE AUDIBILITY AND INTELLIGIBILITY TESTS IN COMPLIANCE WITH VOICE EVACUATION SYSTEM REQUIREMENTS.

H. PROVIDE SUITABLE BACKBOXES FOR ALL SURFACE MOUNTED FIRE ALARM DEVICES AS REQUIRED.

I. FIRE ALARM DESIGN WAS BASED ON THE AVAILABLE AS-BUILT PLANS FROM THE DISTRICT. CONTRACTOR SHALL FIELD VERIFY EXACT DEVICE LOCATIONS AND CONDUIT ROUTING, AND SHALL INFORM THE ENGINEERS IN CHARGE FOR ANY DISCREPANCIES.

J. ALL CIRCUIT BREAKERS SERVING FIRE ALARM SYSTEM/DEVICES/PANELS SHALL HAVE RED LOCKABLE DEVICE WITH "FIRE ALARM" PERMANENT LABEL PER CODE REQUIREMENT.

K. CONTRACTOR SHALL PROVIDE FIRE WATCH DURING FIRE ALARM SYSTEM REPLACEMENT PROJECT PER CODE AND SCHOOL DISTRICT REQUIREMENT.

L. CONTRACTOR IS RESPONSIBLE TO VERIFY THE QUANTITY OF DEVICES/EQUIPMENT, AND PROVIDE A COMPLETE OPERATIONAL FIRE ALARM SYSTEM PER CODE AND DSA REQUIREMENT.

PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**
DATE **02/23/2026**
PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — CHI KIT CHAN — No. E18260 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — JASON C. HUNTLEY — NO. C-32196 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE

FIRE ALARM
RISER DIAGRAM & CALCS

SHEET #

FA401

FIRE ALARM DEVCIES LIST

QUANTITY	FIRE ALARM DEVICE	MANUFACTURER	MODEL NUMBER	CSFM	BACKBOX	MOUNTING HEIGHT	SUPERVISORY CURRENT (A)	ALARM CURRENT (A)
1	<E>FCPS	HONEYWELL FCI	7100-2D	7165-0028:164	EXISTING	EXISTING	0.065000	0.085000
3	SMOKE DETECTOR	HONEYWELL FCI	ASD-PL2		4S JUNCTION BOX	SEE PLAN FOR LOCATION	0.000250	0.000360
3	SMOKE DETECTOR BASE	HONEYWELL FCI	B201LP	7300-1653:0109				
3	HEAT DETECTOR	HONEYWELL FCI	ATD-L2		4S JUNCTION BOX	SEE PLAN FOR LOCATION	0.000200	0.000300
3	HEAT DETECTOR BASE	HONEYWELL FCI	B201LP	7300-1653:0109				
4	STROBE - 15CD, WALL MOUNTED	WHEELOCK	RSS2415WFR	7125-0785:131	4S JUNCTION BOX	ENTIRE LENS BETWEEN 80" AND 96" AFF	0.000000	0.041000
1	STROBE - 30CD, WALL MOUNTED	WHEELOCK	RSS2430WFR	7125-0785:131	4S JUNCTION BOX	ENTIRE LENS BETWEEN 80" AND 96" AFF	0.000000	0.062000

PROJECT NAME:
FAIRMONT ELEMENTARY SCHOOL, FAIRMONT, CA — **HONEYWELL FCI**

FCPS - FIRE ALARM CONTROL POWER SUPPLY

BATTERY CALCULATION

TOTAL OLD	TOTAL NEW	DESCRIPTION	SUPERVISORY CURRENT EACH	SUPERVISORY CURRENT TOTAL	ALARM CURRENT EACH	ALARM CURRENT TOTAL
1	0	<E>FCPS	0.06500	0.0650	0.08500	0.0850
	3	SMOKE DETECTOR	0.00025	0.0008	0.00036	0.0011
	3	SMOKE DETECTOR BASE	0.00000	0.0000	0.00000	0.0000
	3	HEAT DETECTOR	0.00020	0.0006	0.00030	0.0009
	3	HEAT DETECTOR BASE	0.00000	0.0000	0.00000	0.0000
	4	STROBE - 15CD, WALL MOUNTED	0.00000	0.0000	0.04100	0.1640
	1	STROBE - 30CD, WALL MOUNTED	0.00000	0.0000	0.06200	0.0620
TOTAL AMPS				0.07		0.31
24 HOUR SUPERVISORY + 5 MINUTE TRANSMISSION			24.08	0.07	1.60	AMP-HRS
15 MINUTE ALARM			0.25	0.31	0.08	AMP-HRS
SUBTOTAL:				AMP-HRS	1.68	AMP-HRS
RESULTED MINIMUM BATTERY CAPACITY WITH 25% SAFETY FACTOR:				AMP-HRS	2.10	AMP-HRS

BATTERY REQUIREMENT:
PROVIDE 7AMP-HR BATTERY

PROJECT NAME:
FAIRMONT ELEMENTARY SCHOOL, FAIRMONT, CA — **HONEYWELL FCI**

VOLTAGE DROP CALCULATION

VOLTAGE DROP = (TOTAL ALARM CURRENT) X (LENGTH FT. / 1000)X 2 X (OHMS PER 1000 FT.)
#12 AWG COPPER STRANDED THHN/THWN = — OHM PER 1000 FT. (c1) 1.98
MAXIMUM ALLOWED VOLTAGE DROP AT 10% = 2.4 VOLTS

FORMULA:
TOTAL ALARM CURRENT (AMPS) X (a)
LENGTH (PER THOUSAND FEET) X (b)
OHMS (PER THOUSAND FEET) X (c1)
MAXIMUM VOLTAGE DROP CALCULATED (VOLTS) = (d)
MAXIMUM VOLTAGE DROP CALCULATED (PERCENTAGE) = (d) DIVIDED BY SYSTEM VOLTAGE (e)

FCPS	BUILDING 2	ALARM CURRENT PER UNIT (AMPS)									
CIRCUIT C11		STROBE-15	STROBE-30	STROBE-75	STROBE-110	H/S-15	H/S-30	H/S-75	H/S-110	MINI-HORN	MINI-HORN
	LOAD	0.041000	0.062000	0.116000	0.155000	0.060000	0.084000	0.132000	0.173000	0.075000	0.044000
	EXISTING	6				3				2	
	NEW	2		0	0	0	0	0	0	0	0
	SUBTOTAL	0.328	0.000	0.000	0.000	0.180	0.000	0.000	0.000	0.150	0.000

TOTAL ALARM CURRENT FOR ZONE: (a) 0.66
LENGTH (PER THOUSAND FEET): (b) 0.50
#12 AWG COPPER STRANDED THHN/THWN = (c1) — OHM PER 1000 FT. (c1) 1.98
MAXIMUM VOLTAGE DROP CALCULATED (VOLTS): (d) **1.30**
MAXIMUM VOLTAGE DROP CALCULATED (PERCENTAGE) (e) **5.43%**

FCPS	BUILDING 2	ALARM CURRENT PER UNIT (AMPS)									
CIRCUIT C12		STROBE-15	STROBE-30	STROBE-75	STROBE-110	H/S-15	H/S-30	H/S-75	H/S-110	MINI-HORN	MINI-HORN
	LOAD	0.041000	0.062000	0.116000	0.155000	0.060000	0.084000	0.132000	0.173000	0.075000	0.044000
	EXISTING	5				2			1	2	3
	NEW	2	1	0	0	0	0	0		0	0
	SUBTOTAL	0.287	0.062	0.000	0.000	0.120	0.000	0.000	0.173	0.150	0.132

TOTAL ALARM CURRENT FOR ZONE: (a) 0.92
LENGTH (PER THOUSAND FEET): (b) 0.25
#12 AWG COPPER STRANDED THHN/THWN = (c1) — OHM PER 1000 FT. (c1) 1.98
MAXIMUM VOLTAGE DROP CALCULATED (VOLTS): (d) **0.91**
MAXIMUM VOLTAGE DROP CALCULATED (PERCENTAGE) (e) **3.81%**

AGENCY APPROVAL

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PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**
DATE **02/23/2026**
PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER — No. E18306 — ELECTRICAL — STATE OF CALIFORNIA

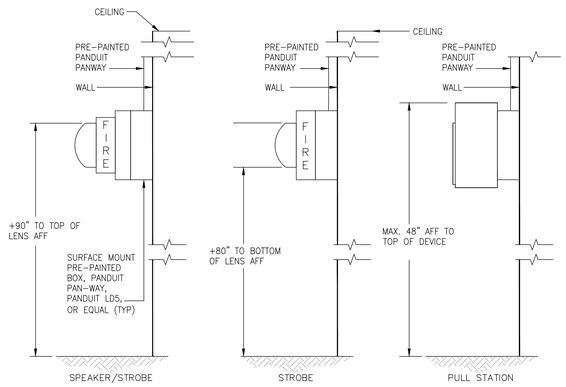
LICENSED ARCHITECT — JASON A. DONITZ — NO. C-32176 — REN. 07-31-27 — STATE OF CALIFORNIA

TITLE

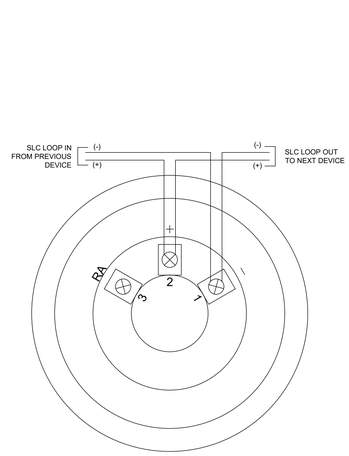
FIRE ALARM CALCULATIONS

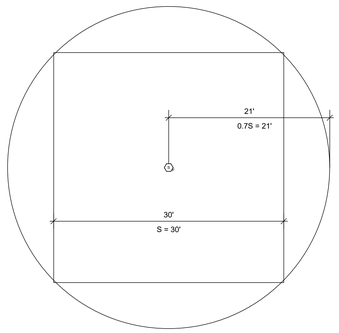
SHEET #

FA402



8 FIRE ALARM DEVICE SURFACE MOUNTING DETAIL
SCALE: N.T.S.





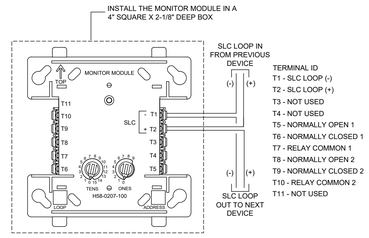
NFPA 72 **17.7.3.2.3.1*** In the absence of specific performance-based design criteria, one of the following requirements shall apply:
(1) The distance between smoke detectors shall not exceed a nominal spacing of 30 ft (9.1 m) and there shall be detectors within a distance of one-half the nominal spacing, measured at right angles from all walls or partitions extending

(2)* All points on the ceiling shall have a detector within a distance equal to or less than 0.7 times the nominal 30 ft (9.1 m) spacing (0.7S).

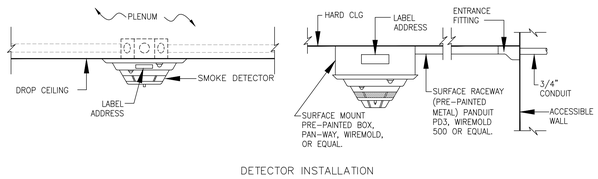
A.17.7.3.2.3.1(2) This is useful in calculating locations in corridors or irregular areas. For irregularly shaped areas, the spacing between detectors can be greater than the selected spacing, provided the maximum spacing from a detector to the farthest point of a sidewall or corner within its zone of protection is not greater than 0.7 times the selected spacing (0.7S).

17.7.6.3.2 Location. Smoke detectors shall not be located directly in the airstream of supply registers. Mount smoke detectors no closer than 36 in. from registers.

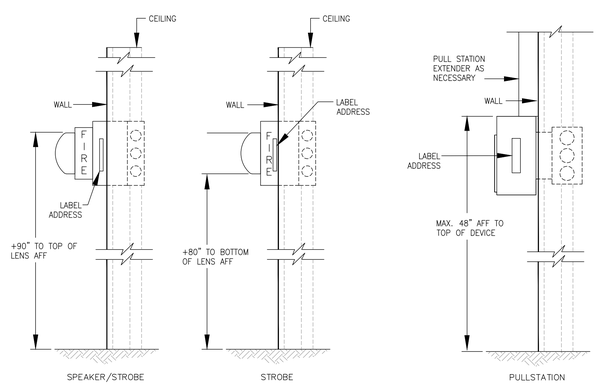
5 SMOKE HEAT DETECTOR WIRING
SCALE: N.T.S.



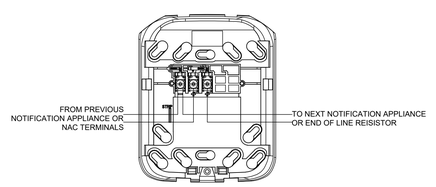
2 RELAY MODULE WIRING
SCALE: N.T.S.



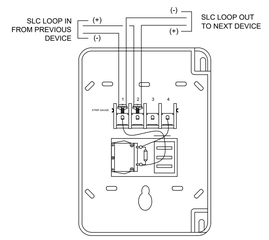
DETECTOR INSTALLATION



7 FIRE ALARM DEVICE RECESSED MOUNTING DETAIL
SCALE: N.T.S.



4 STROBE WIRING
SCALE: N.T.S.



NOTE:
THE MANUAL PULL STATION CAN BE FLUSH MOUNTED ON A SINGLE GANG DEEP BOX OR CAN BE SURFACE MOUNTED ON A SB-I/0 OR SB-10 BOX.

1 MANUAL PULL STATION WIRING
SCALE: N.T.S.

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-125244 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/22/2026

studio+
2755 BRISTOL STREET, STE 250 COSTA MESA, CA 92626 | P: 949.315.1993

These drawings have been prepared as one coordinated set of drawings and are complimentary. What is required by one drawing is required by all of the drawings, even if a detail or component part is not identified on every sheet. Any user's reliance on a single or select few sheet(s) of the drawings without consideration for the information included in the entire set of drawings will be at the user's sole risk and shall not form the basis for a request for additional compensation or time.

PROJECT

PYLUSD

FAIRMONT ELEMENTARY SCHOOL
KINDERGARTEN RESTROOM ADDITION

5241 FAIRMONT BLVD
YORBA LINDA, CA 92886

DSA PROJECT # - **04-125244**
DATE **02/23/2026**
PROJECT #

DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER DAI KIT CHAN No. E18246 ELECTRICAL STATE OF CALIFORNIA

LICENSED ARCHITECT JASON A. DENTE NO. C-32176 REN. 07-31-27 STATE OF CALIFORNIA

TITLE
FIRE ALARM DETAILS

SHEET #
FA501