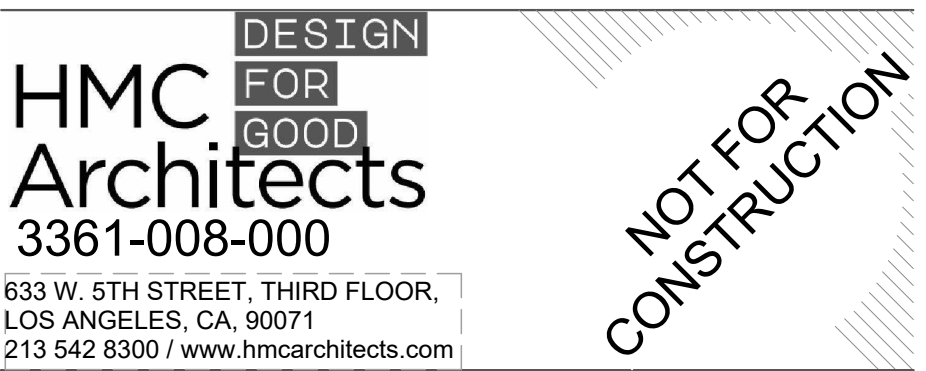




DESCRIPTION	DATE
100% DESIGN DEVELOPMENT	04.13.2026

KEYNOTES

NOTES

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

LEGEND

- APPROXIMATE LIMIT OF WORK
REFER TO ADDITIONAL DRAWINGS
FOR WORK WHICH MAY EXTEND
BEYOND THIS APPROXIMATE LIMIT
OF WORK LINE.
- PROPERTY LINE
- EXISTING TO BE DEMOLISHED
- EXISTING BUILDINGS

FACILITY: _____

4921 Cedar Ave
El Monte, CA 91732

PROJECT: **EMUSD ARROYO HS - INTERIM HOUSING**

SHEET NAME:
SITE DEMOLITION PLAN

100% DESIGN DEVELOPMENT

DATE: 04/13/26	CLIENT PROJ NO: 3361-008-101
SHEET:	

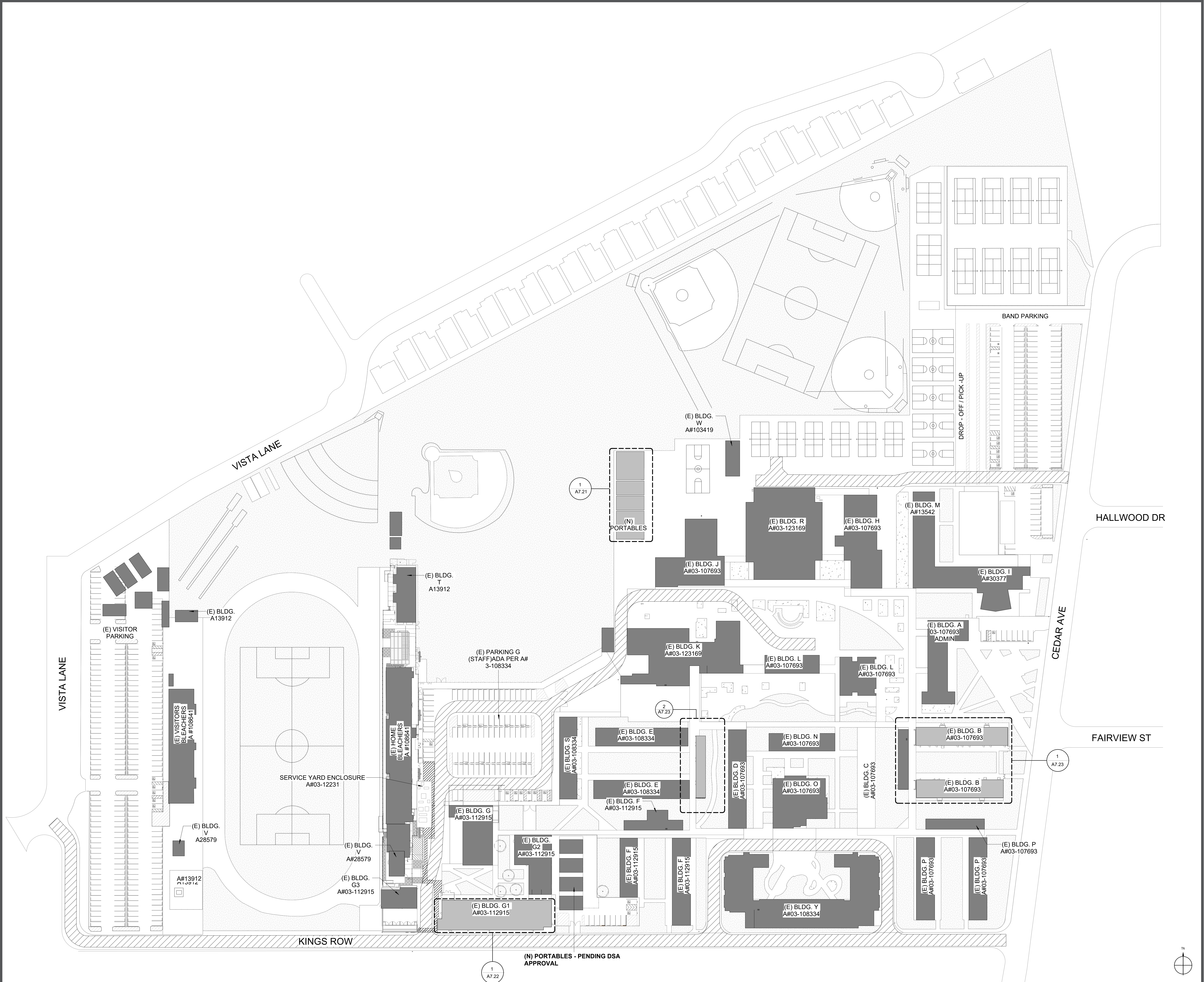
SHEET: _____

ARCHITECTURAL DEMOLITION SITE PLAN **1**
1" = 60'-0"

A1.01

Autodesk Docs/2361008101 EMUSD Arroyo Portable Bldg Interim Housing/3361008101-A-SITE.rvt 03-Apr-25 3:50:34 PM

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. ANY VIOLATION OF THIS SHEET'S ORIGINAL SIZE SHALL BE AT THE USER'S RISK.



- ARCHITECTURAL SITE PLAN - 1
1" = 60'-0"



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DESCRIPTION	DATE
100% DESIGN DEVELOPMENT	04.13.2026

KEYNOTES

NOTES

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

LEGEND

	PARKING LOT STRIPING
	(E) FIRE LANE ACCESS PER A# 03-118952 & 03-123169
	EXISTING BUILDING(S) IN SCOPE
	EXISTING BUILDING(S) & STRUCTURE(S) NOT IN SCOPE

FACILITY:

4921 Cedar Ave
El Monte, CA 91732

PROJECT:

EMUSD ARROYO HS - INTERIM HOUSING

SHEET NAME:

PROJECT SITE PLAN

100% DESIGN DEVELOPMENT

DATE: 04/13/26

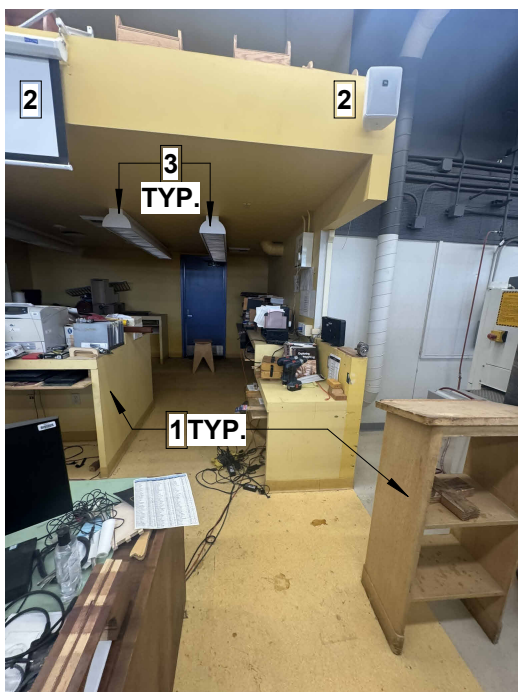
CLIENT PROJ NO: 3361-008-101

SHEET:

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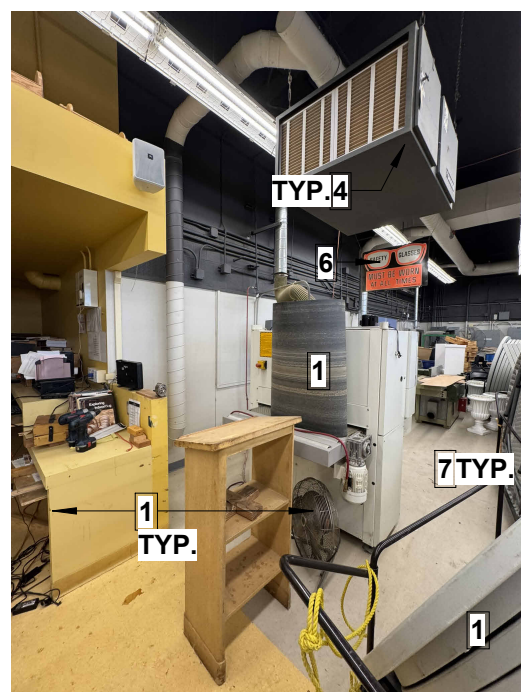
INTERIOR ELEVATION 14A **15**
1/8" = 1'-0"



INTERIOR ELEVATION 12A **13**
1/8" = 1'-0"



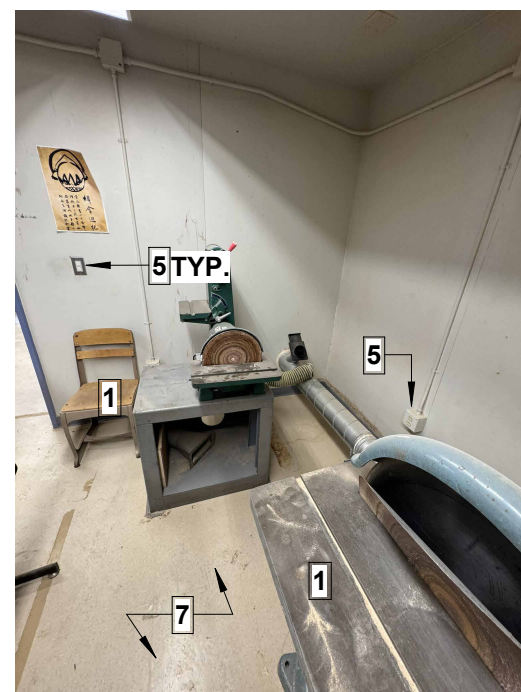
INTERIOR ELEVATION 10A **11**
1/8" = 1'-0"



INTERIOR ELEVATION 8A **9**
1/8" = 1'-0"



INTERIOR ELEVATION 6A **7**
1/8" = 1'-0"



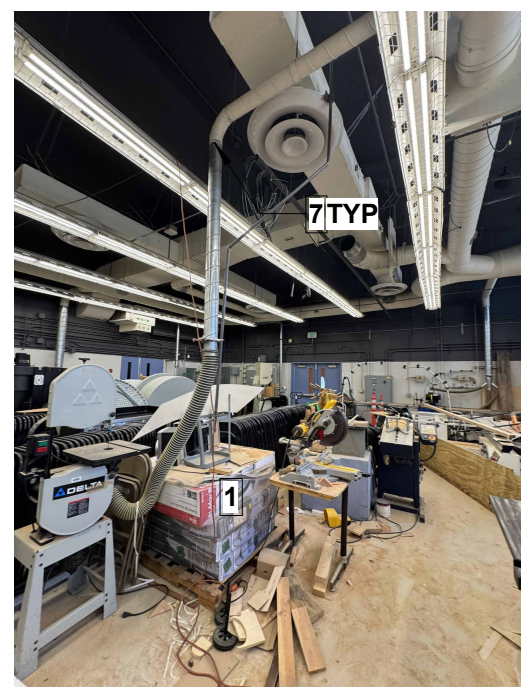
INTERIOR ELEVATION 4A **5**
1/8" = 1'-0"



INTERIOR ELEVATION 2A **3**
1/8" = 1'-0"



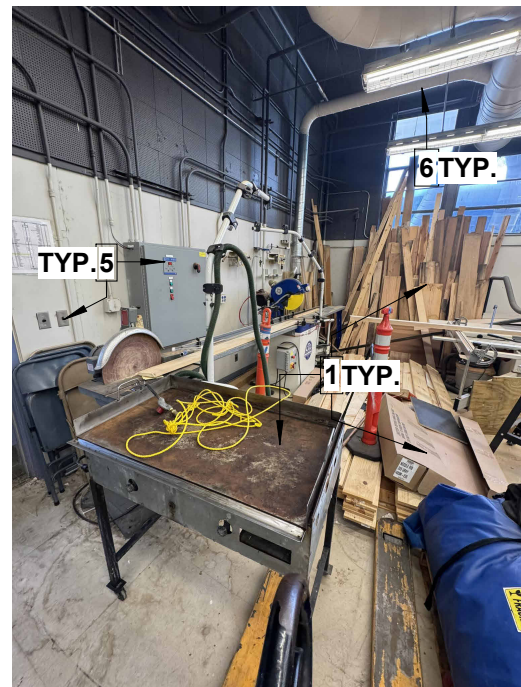
INTERIOR ELEVATION 13A **14**
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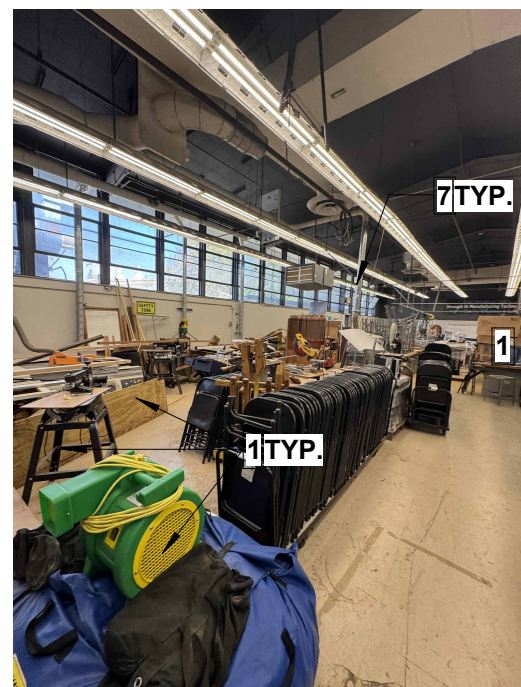
INTERIOR ELEVATION 11A **12**
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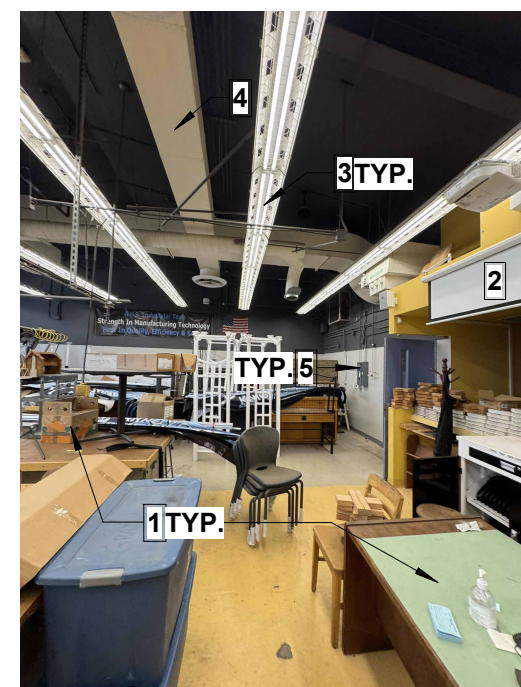
INTERIOR ELEVATION 9A **10**
1/8" = 1'-0"



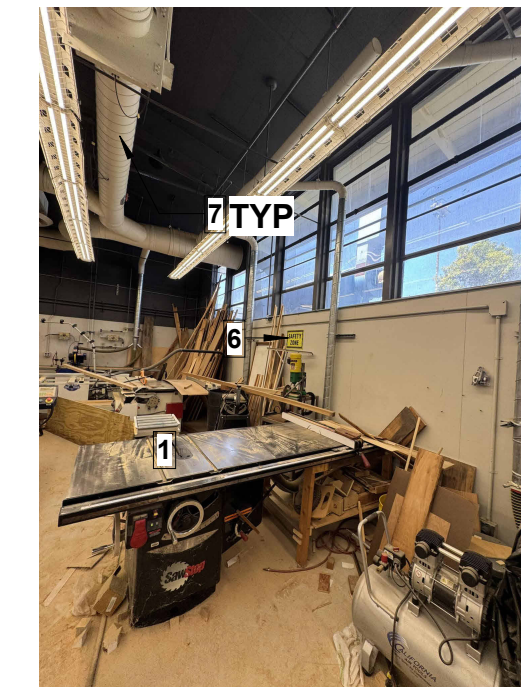
INT. ELEVATION 7A **8**
1/8" = 1'-0"



INTERIOR ELEVATION 5A **6**
1/8" = 1'-0"



INTERIOR ELEVATION 3A **4**
1/8" = 1'-0"



INTERIOR ELEVATION 1A **2**
1/8" = 1'-0"

DEMOLITION WORK - GENERAL NOTES

1. REMOVE ALL EXISTING FINISHES. THIS INCLUDES WALL FINISHES, FLOOR FINISHES AND COVER PLATES.
2. REMOVE ALL MILLWORK AND FURNITURE. TYP THROUGHOUT THE SPACE.
3. PATCH EXISTING CONSTRUCTION WHERE DAMAGES OCCUR BY DEMOLITION ACTIVITIES. PAINT TO MATCH EXISTING.
4. PROTECT ALL EXISTING FINISHES TO REMAIN THROUGHOUT CONSTRUCTION AS NECESSARY.
5. REMOVE AND PROTECT ALL EQUIPMENT STORED IN THIS FACILITY. STORE IT AS DIRECTED IN FIELD BY OWNER REPRESENTATIVE AND / OR CM.
6. PROVIDE NEW COVER PLATES UNLESS NOTED BY ELECTRICAL DRAWINGS. GENERAL CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS. WITH DEMO PLAN AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
7. NEW EPOXY FLOORING THROUGHOUT INCLUDING EXISTING EPOXY FLOORING AT 6" BASE COVE.
8. REPLACE FIRE SIGNS ALONG EXISTING FRP WALL AND E-INSTALL AT SAME LOCATION AFTER FRP WALL INSTALLATION.
9. CAP ALL EXISTING GAS LINE PIPING THROUGHOUT THE WOOD SHOP SPACE.
10. ALL LIGHT FIXTURES, HVAC EQUIPMENT AND ELECTRICAL PANELS/DEVICES ARE TO REMAIN UON. PROTECT IN PLACE.
11. ALL SIGNAGE TO BE REMOVED. PREPARE WALL AND CEILING TO RECEIVE NEW.

DEMOLITION WORK ELEVATIONS AND PLAN - KEYNOTES

1. REMOVE ALL MILLWORK, CASEWORK AND FURNITURE, WOOD PLANKS AND ALL WOOD SHOP ASSOCIATED EQUIPMENT . TYPICAL.
2. REMOVE PROJECTOR AND SPEAKER. PATCH WALL IF DAMAGED AFTER REMOVAL. TYPICAL.
3. ALL LIGHT FIXTURES ARE TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION PHASES.
4. ALL HVAC EQUIPMENT, VENTS, DUCTS, ETC ARE TO REMAIN UON. COORDINATE WITH MEP ENGINEER.
5. LIGHT SWITCHES, OUTLETS AND ELECTRICAL PANELS ARE TO REMAIN, UON.
6. REMOVE SIGNAGE, UON.
7. CAP ALL GAS LINE PIPES.
8. REMOVE ALL EXISTING FLOORING THROUGHOUT (IF APPLICABLE). CLEAN AND PREPARE FLOOR TO RECEIVE NEW FINISH
9. EXISTING DOOR AND HARDWARE TO REMAIN

FLOOR PLAN - KEYNOTES

- 01 NEW FLOORING
- 02 ALL PARTITIONS TO RECEIVE NEW FINISH. PAINT COLOR TBD
- 03 PATCH AND REPAIR EXISTING CEILING FOR LIKE NEW FINISH



DEMO BUILDING G1 - WOOD SHOP AREA **1**
1/4" = 1'-0"



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DESCRIPTION	DATE
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NOT FOR CONSTRUCTION

KEYNOTES

NOTES

LEGEND

- EXISTING ELEMENT TO REMAIN
- EXISTING ELEMENT TO BE DEMOLISHED
- INTERIOR ELEVATION
- FLOOR PLAN KEYNOTE
- DEMOLITION FLOOR PLAN AND ELEVATION KEYNOTE

FACILITY:

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El Monte, CA 91732

PROJECT:
EMUSD ARROYO HS - INTERIM HOUSING

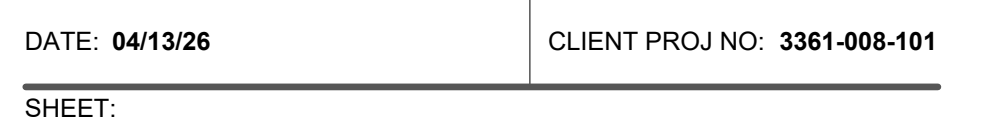
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100% DESIGN DEVELOPMENT

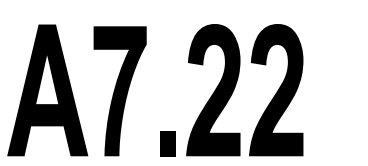
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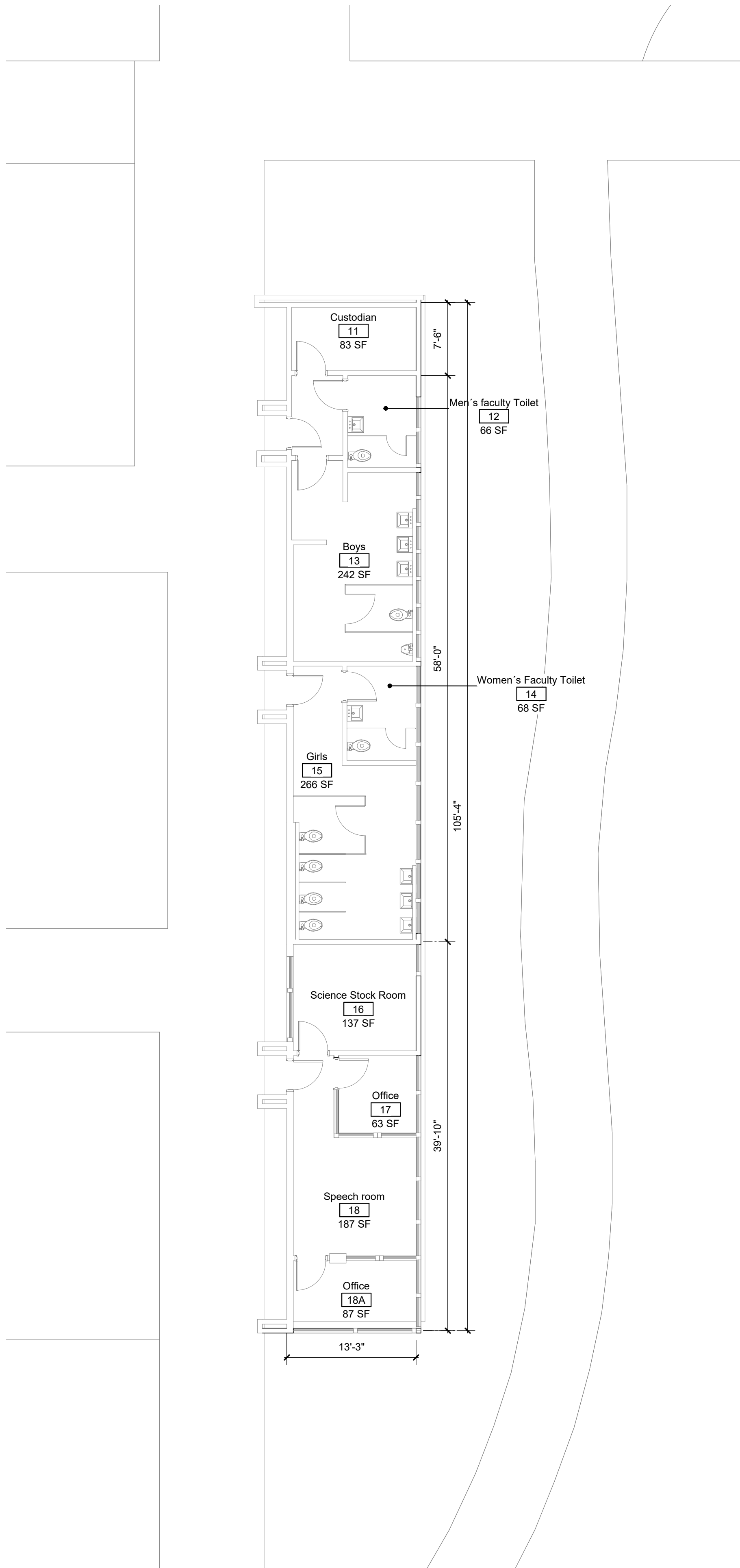


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1/8" = 1'-0"
DO NOT SCALE
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SHEET ORIGINAL PAGE SIZE



ENLARGED PLAN SPEECH ROOM 2
1/8" = 1'-0"



ENLARGED PLAN PORTABLES 1
1/8" = 1'-0"



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KEYNOTES

NOTES

LEGEND

- EXISTING ELEMENT TO REMAIN
- NEW ELEMENT

FACILITY:

4921 Cedar Ave
El Monte, CA 91732

PROJECT:
EMUSD ARROYO HS - INTERIM HOUSING

SHEET NAME:
ENLARGED COURTS W/PORTABLES AND SPEECH ROOM

100% DESIGN DEVELOPMENT

DATE: 04/13/26 CLIENT PROJ NO: 3361-008-101

SHEET:



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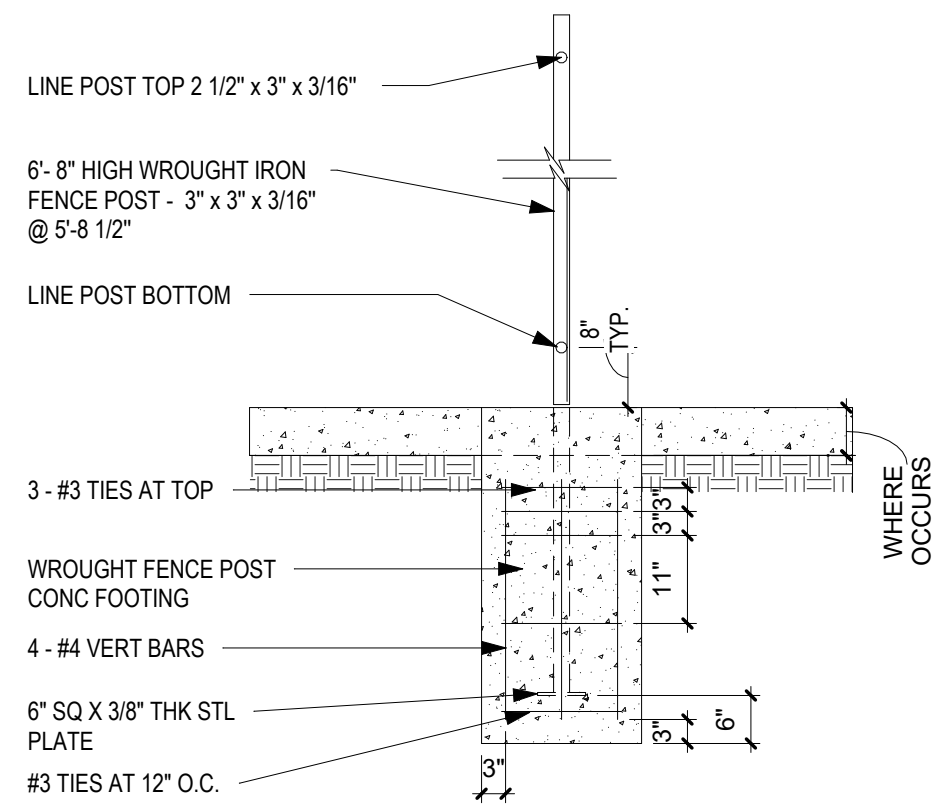
NOT FOR
CONSTRUCTION

Δ	DESCRIPTION	DATE
	100% DESIGN DEVELOPMENT	04.13.2026

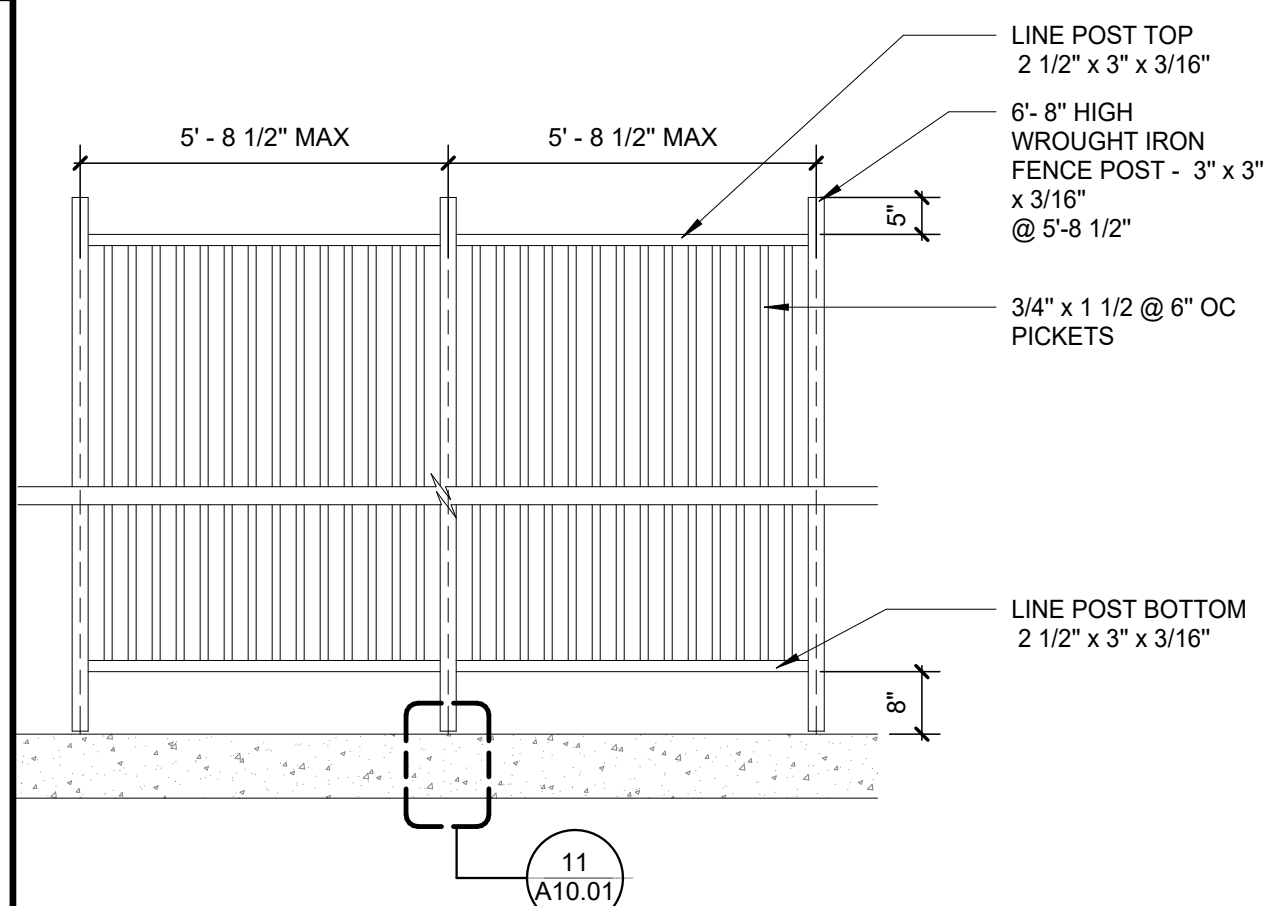
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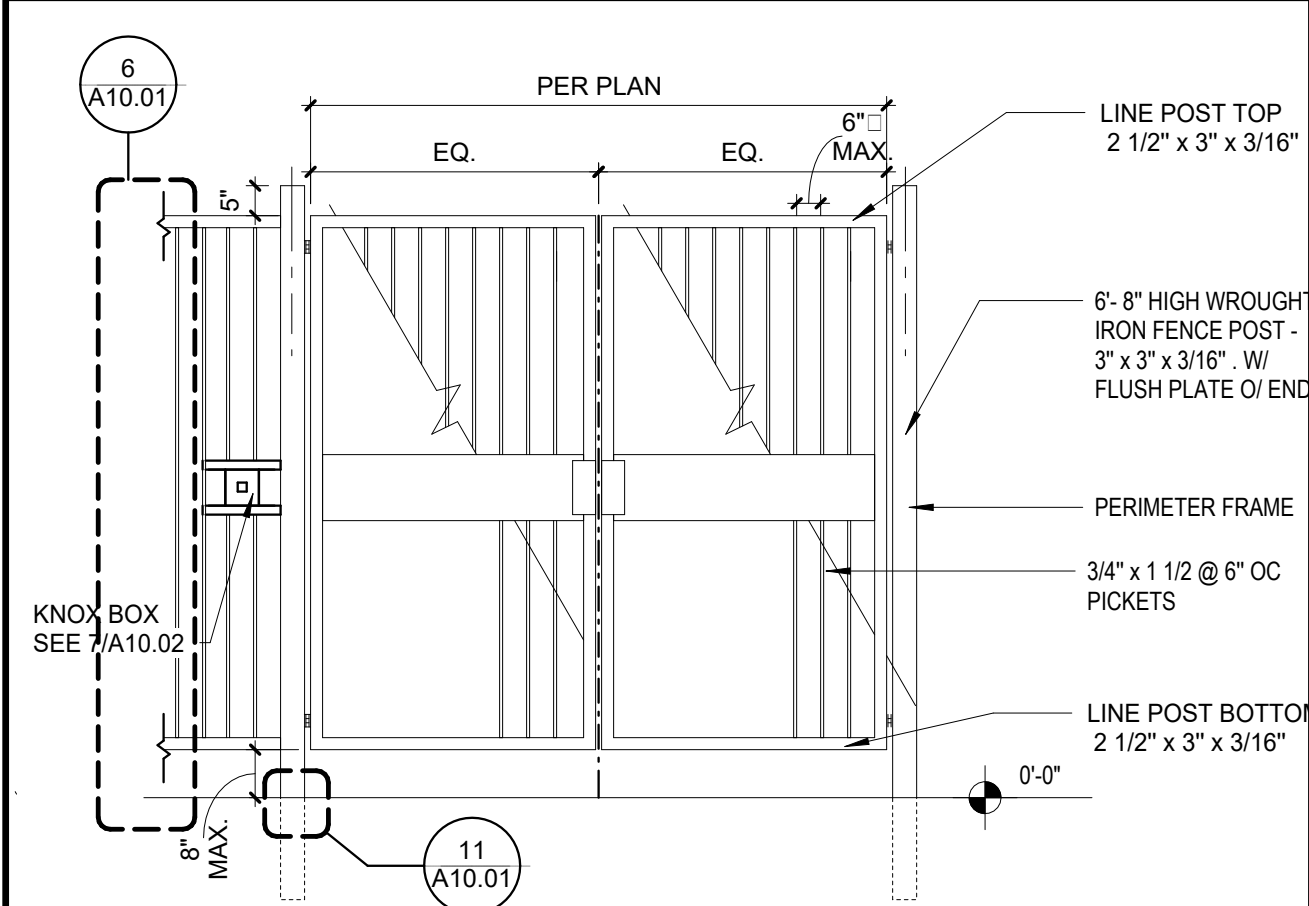
GATE SCHEDULE									
NUMBER	SIZE			DOOR MATERIAL	FIRE RATING (MINUTES)	HARDWARE GROUP	PANIC HARDWARE	COMMENTS	
	WIDTH		HEIGHT						
	PANEL 1	PANEL 2							
G131	3'-0"	3'-0"	8'-0"	ORNAMENTAL METAL		TBD	Yes	ACCESSIBLE GATE AND HARDWARE WITH HYDRAULIC CLOSER AND KICK PLATE	
G29	3'-0"	3'-0"	8'-0"	GALV. CHAINLINK		TBD		SERVICE GATE WITH FORK LATCH AND CANE BOLT/ CHAIN LINK GATE TO MATCH (E) FENCE MATERIAL AND FINISH	



WROUGHT IRON FENCE FOOTING DETAIL 11
1/2" = 1'-0"



WROUGHT IRON FENCE ELEVATION **6**
1/2" = 1'-0"



WROUGHT IRON SECURITY GATE | **1**
3/8" = 1'-0"

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- ELECTRICAL GENERAL NOTES
1.

CONSULT WITH THE OWNER'S REPRESENTATIVE BEFORE STARTING WORK. NO CONDUITS ARE TO BE INSTALLED ON ARCADES OR ROOF U.O.N. ANY CONDUITS INSTALLED ON ROOF SHALL BE LIMITED TO 5'-0" OF SOLAR EXPOSURE.
2.

CONDUIT RUNS TO ROOF MOUNTED EQUIPMENT SHALL BE ACCOMPLISHED USING RUNS BELOW ROOF UNTIL UNDER THE EQUIPMENT, THEN THE RUN SHALL PENETRATE THE ROOF AT THE EQUIPMENT. COORDINATE THE ELECTRICAL WORK WITH THE WORK OF OTHER TRADES.
3.

THE CONTRACTOR SHALL USE SUFFICIENT BARRICADES AND TEMPORARY PROTECTION DEVICES TO PREVENT PEDESTRIANS OR NON-AUTHORIZED PERSONNEL ACCESS TO ANY OPEN TRENCHES OR CONSTRUCTION ACTIVITY.
4.

THE CONTRACTOR SHALL ERECT A SAFETY BARRICADE AT ALL OPEN TRENCHES, DITCHES, PITS, SUMPS, ETC FOR THE PROTECTION AND SAFETY OF THE PUBLIC.
5.

ALL TRENCHES OUTSIDE OF THE BARRICADE LIMITS SHALL BE BACKFILLED AND PAVED NOT LATER THAN 72 HOURS AFTER BEING OPENED.
6.

DURING THE TIME THE TRENCHES ARE OPEN IN TRAFFIC AREAS, THE CONTRACTOR SHALL PROVIDE TRAFFIC PLATES. SAFETY BARRICADES SHALL BE PANELIZED CHAIN LINK FENCE.
7.

EACH FENCE PANEL SHALL BE 6FT TALL x 10FT WIDE WITH STAND AND TIED TOGETHER END TO END WITH A MINIMUM 8-GAUGE WIRE. NO TRENCHES SHALL BE LOCATED OUTSIDE BARRICADES.
8.

WHERE STRUCTURAL WALLS ARE CORED FOR NEW CONDUIT RUNS, SEPARATION BETWEEN CORED HOLES SHALL BE THREE INCHES FROM NEW HOLES, UNLESS DIRECTED OTHERWISE BY THE OAR AND ENGINEER.
9.

CONTRACTOR MUST SCAN FOR REBAR AND CONSULT WITH A STRUCTURAL ENGINEER PRIOR TO CORE DRILLING. ALL FEEDER AND BRANCH CIRCUIT RACEWAYS SHALL CONTAIN A GREEN, COPPER EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC ALL UNDERGROUND CONDUITS SHALL BE ENTIRELY ENCASED IN CONCRETE 3" THICK ON ALL SIDES WITH MULTIPLE CONDUITS SPACED NOT LESS THAN 3" APART.
10.

MINIMUM DEPTH OF NOT LESS THAN 24" BELOW FINISHED GRADE TO THE TOP OF CONCRETE ENVELOPE. ALL RACEWAYS INSIDE CLASSROOMS AND OFFICES SHALL BE CONCEALED.
11.

REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND EQUIPMENT AND MATERIAL APPROVED FOR USE UNDER THIS PRIOR TO PULLING ANY CONDUCTORS, CLEAN AND MANDREL ALL CONDUITS.
12.

CONTRACTOR SHALL INSTALL EQUIPMENT PER ADA (AMERICAN DISABILITIES ACT) REQUIREMENTS. SUPPLIERS OF FIRE ALARM SYSTEM SHALL PREPARE CONSTRUCTION DRAWINGS SHOWING ALL NECESSARY WIRES AND CABLES, PER THE APPROPRIATE SPEC.
13.

SECTION AND VERIFY SIZE OF ALL CONDUITS PRIOR TO ENCASING CONDUITS IN CONCRETE. DRAWINGS DO NOT SHOW ALL THE NECESSARY PULLBOXES.
14.

PROVIDE ALL PULLBOXES TO COMPLY WITH CODES AND STANDARDS AND TO TERMINATE CONDUITS AND RACEWAYS PER MANUFACTURER'S RECOMMENDATIONS THROUGHOUT SITE. EXTERIOR EQUIPMENT, JUNCTION BOXES, ENCLOSURES AND CONNECTIONS SHALL BE WEATHERPROOF TYPE SUITABLE FOR EXTERIOR INSTALLATION.
15.

COORDINATION: IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THE FEATURES SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN.
16.

BEFORE STARTING ANY UNDERGROUND WORK, THE CONTRACTOR SHALL CONTACT ALL UTILITY (OFF SCHOOL PROPERTY LINE) COMPANIES IN ORDER TO LOCATE EXISTING UNDERGROUND LINES. IN THE EVENT THAT DURING THE UNDERGROUND WORK THE CONTRACTOR DAMAGES ANY EXISTING LINES, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DO ALL NECESSARY REPAIR WORK AT THEIR OWN EXPENSE.
17.

ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDUITS SHALL BE CHECKED AND VERIFIED ON THE SITE BY GENERAL CONTRACTOR, AND EACH SUB-CONTRACTOR BEFORE THE WORK BEGINS. ERRORS, OMISSIONS AND DISCREPANCIES SHALL BE BROUGHT TO THE OAR'S ATTENTION BEFORE CONSTRUCTION BEGINS.
18.

THE ENGINEER HAS PREPARED THESE DOCUMENTS ONLY FOR IMPROVEMENTS SPECIFIED, DETAILED OR SHOWN AS NEW WORK, AND ASSUMES NO RESPONSIBILITY FOR OTHER CONSTRUCTION, MATERIAL OR EQUIPMENT NOTED AS "PROVIDED BY OTHERS".
19.

CONTRACTOR SHALL ELECTRONICALLY SCAN THE UNDERGROUND CORRIDOR WHERE THE NEW TRENCHING SHALL OCCUR. EXISTING UNDERGROUND UTILITIES SHALL BE LOCATED BOTH ON THE HORIZONTAL AND VERTICAL PLANES USING ELECTRONIC OR RADIO DETECTION DEVICES. SYSTEMS THAT ARE NON-METALLIC SHALL HAVE A METALLIC TRACER WIRE INSERTED INTO THE CONDUIT TO FACILITATE TRACING OF ALIGNMENT.
20.

ALL ELECTRICAL CONDUCTORS SHALL BE COPPER AND RATED FOR 600 VOLTS AT 90°C, WITH INSULATION TYPE THHN, THWN-2 OR XHHW. ALL CONDUCTORS #10 AND LARGER SHALL BE STRANDED, #12 AND SMALLER MAY BE EITHER STRANDED OR SOLID. PROVIDE APPROVED TERMINATIONS FOR ALL CONDUCTORS.
21.

ALL CONDUIT PENETRATIONS THROUGH FIRE-RATED FLOOR SLABS, SHAFTS AND WALLS SHALL BE SEALED AGAINST THE SPREAD OF FIRE OR SMOKE WITH APPROVED CABLE & CONDUIT FIRE STOPS OR FIRE RESISTANT SEALANT TO GIVE THE EQUIVALENT FIRE RATING BEFORE AND AFTER THE PENETRATION.
22.

PROVIDE NYLON PULL CORD OR STRINGS IN ALL EMPTY CONDUITS. ADD IDENTIFIER TAG ON PULL STRINGS FOR THE DESTINATION LOCATION. ALL JUNCTION BOX COVER PLATES FOR BRANCH CIRCUIT SYSTEM SHALL BE CLEARLY MARKED WITH PERMANENT INK FELT PEN IDENTIFYING THE BRANCH CIRCUIT (BOTH PANEL NUMBER AND CIRCUIT NUMBER) CONTAINED IN THE BOX.
23.

ALL EQUIPMENT ANCHORAGE SHALL BE DETAILED ON DRAWINGS. DESIGN SHALL CONFORM TO 2019 CBC SECTION 1623A AND TABLE 16 A-O. THE CONTRACTOR SHALL MAINTAIN THE UNIFORMITY AND CONTINUITY OF THE GROUNDING SYSTEM IN ALL CONDUITS/RACEWAYS.
24.

TEST THE ENTIRE SYSTEM TO DEMONSTRATE TO THE ENGINEER OF RECORD THAT THE ELECTRICAL COMPONENTS AND SPECIAL SYSTEMS ARE COMPLETE AND FUNCTION PROPERLY. MAKE NECESSARY CORRECTIONS AND LEAVE SYSTEMS READY FOR OPERATION. EXPOSED CONDUITS SHALL BE INSTALLED ALONG MECHANICAL PIPES.
25.

INSIDE BUILDING THE EXPOSED CONDUITS UP TO 7'-0" SHALL BE RIGID STEEL AND ABOVE 7'-0" MAY BE EMT. ALL EXPOSED EXTERIOR CONDUITS SHALL BE GALVANIZED RIGID CONDUIT. THREADLESS CONNECTORS & COUPLINGS SHALL NOT BE USED. ALL EXPOSED CONDUITS, RACEWAYS, AND BOXES SHALL BE PAINTED TO MATCH THE SURFACE WHERE INSTALLED. DO NOT PAINT THE WIREMOLD.
26.

DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND THE SIZE AND LOCATION OF EQUIPMENT IS INDICATED TO SCALE. WHENEVER POSSIBLE, CONTRACTOR IS REQUIRED TO VERIFY CONDITIONS, DIMENSION INDICATED EQUIPMENT SIZES, MANUFACTURER'S DATA AND INFORMATION AS NECESSARY TO INSTALL THE WORK.
27.

COORDINATE LOCATION AND LAYOUT WITH OTHER WORK. CONTRACTOR SHALL PROVIDE TO THE ENGINEER A 1/4"=1'-0" SCALED DRAWING OF ELECTRICAL EQUIPMENT ROOMS SHOWING LOCATION AND CLEARANCES OF SUBMITTED EQUIPMENT FOR REVIEW AND APPROVAL PRIOR TO ORDERING OF ELECTRICAL EQUIPMENT.

STANDARD ABBREVIATIONS

A OR AMP	AMPERES
A/C	ASPHALT CONCRETE
AFF.	ABOVE FINISH FLOOR
BKR.	BREAKER
BC	BARE COPPER
C	CONDUIT
CKT.	CIRCUIT
C.O.	CONDUIT ONLY
D	DEPTH
E	EXISTING
F.A.	FIRE ALARM
FLA	FULL LOAD AMPERES
FO	FIBER OPTIC, 4 STRAND
FO/D	FIBER OPTIC/CAT-5E
GRND.	GROUND
G.F.I.	GROUND FAULT INTERRUPTER
H.P.	HORSEPOWER
IDF	INTERMEDIATE DISTRIBUTION FRAME
ISC	AVAILABLE SHORT CIRCUIT CURRENT
SEC.	SECURITY SYSTEM
CLK.	CLOCK SYSTEM
J-BOX	JUNCTION BOX
KW	KILOWATTS
LDF	LOCAL DISTRIBUTION FRAME
MDF	MAIN DISTRIBUTION FRAME
N.I.C.	NOT IN CONTRACT
PA	PUBLIC ADDRESS
PB	PULL BOX
PABX	PHONE BOARD EXCHANGE
PH or Ø	PHASE
R	REMOVE
SLC	SIGNALING LINE CIRCUIT
SW	SWITCH
TYP.	TYPICAL
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
UG	UNDERGROUND
U.O.N.	UNLESS OTHERWISE NOTED
VL or V.L.	VERIFY LOCATION PRIOR TO ROUGH-IN
WP	WEATHERPROOF
WEST PEN	WEST PENN
XFMR	TRANSFORMER

CODES AND STANDARDS

<u>PARTIAL LIST OF APPLICABLE CODES</u>
2025 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R.
2025 CALIFORNIA BUILDING CODE (CBC), TITLE 24 C.C.R.
(2024 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL WITH CALIFORNIA AMENDMENTS)
2025 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R.
(2026 NATIONAL ELECTRIC CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA)
2025 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 C.C.R.
(2024 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS IAPMO).
2025 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R.
(2024 UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS IAPMO).
2025 CALIFORNIA ENERGY CODE (CEC), TITLE 24 C.C.R.
2025 CALIFORNIA FIRE CODE (CFC), TITLE 24.
(2024 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL).
2025 CALIFORNIA EXISTING BUILDING CODE, TITLE 24 C.C.R.
(2024 INTERNATIONAL EXISTING BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL WITH CALIFORNIA AMENDMENTS).
2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN CODE), TITLE C.C.R.
2025 CALIFORNIA REFERENCED STANDARDS, TITLE 24 C.C.R.
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2013 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATOR AND ESCALATORS.

- LOW VOLTAGE GENERAL NOTES
1.

ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR ALL LOW VOLTAGE SYSTEM CONDUIT AND CABLE TRAY INFRASTRUCTURE AS REQUIRED FOR USE OF ROUTING LOW VOLTAGE CONDUCTORS BY LOW VOLTAGE CONTRACTOR.
2.

TELE/DATA CONDUITS AND POWER CONDUITS IF RUN PARALLEL, SHALL HAVE NO LESS THAN 12" SEPARATION BETWEEN CONDUITS. ALL EXPOSED CONDUIT SHALL BE EMT AND SHALL BE RUN AS HIGH AS POSSIBLE, GROUPED AND SPACED EVENLY WITH TYPICAL HANGERS.
3.

REFER TO SECURITY SYSTEM CONSULTANT'S DRAWINGS PRIOR TO ROUGH-IN, FOR EXACT LOCATIONS AND SECURITY DEVICES REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL PROVIDE BACKBOX, MUD RINGS, ELECTRIC STRIKES, AND CONDUITS AS REQUIRED FOR COMPLETE INSTALLATION.
4.

REFER TO A/V SYSTEM CONSULTANT'S DRAWINGS FOR A/V DEVICE PRIOR TO ROUGH-IN, (BACKBOX, MUD RING AND CONDUIT) AND EQUIPMENT LOCATIONS AND FOR OTHER A/V SYSTEM REQUIREMENTS AND PROVIDE AS REQUIRED FOR A COMPLETE INSTALLATION. PROVIDE EQUIPMENT GROUND CONDUCTOR TO RECEPTACLES THAT ARE UTILIZED TO SERVE A/V SYSTEM EQUIPMENT.
5.

CONTRACTOR SHALL PROVIDE PULL CORDS IN ALL LOW VOLTAGE CONDUITS. WHERE MORE THAN ONE CONDUIT TERMINATES IN A JUNCTION BOX, THE ELECTRICAL CONTRACTOR SHALL IDENTIFY EACH JUNCTION BOX AND CONDUIT IN A MANNER ALLOWING IDENTIFICATION JUNCTION BOXES AND CONDUITS AFTER ALL WALL FINISHES HAVE BEEN APPLIED.

- DEMOLITION GENERAL NOTES
1.

CONTRACTOR TO REVIEW ARCHITECTURAL AND ELECTRICAL PLANS FOR ALL EXISTING EQUIPMENT TO BE REMOVED. ELECTRICAL EQUIPMENT, WHETHER SHOWN ON THESE DRAWINGS OR NOT, THAT ARE LOCATED IN REMOVED WALLS, FLOORS, OR CEILING, SHALL BE REMOVED UNLESS OTHERWISE NOTED.
2.

THE CONTRACTOR SHALL VISIT THE SITE, INCLUDING ALL AREAS INDICATED ON THE DRAWINGS, SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND, BY SUBMITTING A BID, SHALL ACCEPT CONDITIONS UNDER WHICH HE WILL BE REQUIRED TO PERFORM HIS WORK.
3.

IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES, RECEPTACLES, ELECTRICAL EQUIPMENT, ETC., AFFECTED BY THE RENOVATION. THIS WILL INCLUDE REROUTING OR EXTENDING OF EXISTING CONDUIT AND FEEDERS WHERE NECESSARY TO MAINTAIN THE CONTINUITY OF THE EXISTING EQUIPMENT TO REMAIN.
4.

EXISTING CIRCUIT NUMBERS AND HOMERUNS SHOWN ON THESE DRAWINGS WERE TAKEN FROM EXISTING OLD DRAWINGS. IT IS THIS CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF HOMERUNS, AND TO ADJUST CIRCUIT NUMBERS ACCORDING TO EXISTING CONDITIONS AS REQUIRED.
5.

IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO MAINTAIN CONTINUITY OF ALL ELECTRICAL SYSTEMS, EQUIPMENT, ETC., REMAINING IN OPERATION WHICH ARE BEING FED BY AN ABANDONED OUTLET. MAINTAINING CONTINUITY SHALL CONSISTS OF REROUTING CONDUIT, WIRING, ETC., AS REQUIRED.
6.

THE 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. EQUIPMENT THAT IS TO BE TURNED OVER SHALL BE BOXED AND TAGGED TO IDENTIFY THE SPECIFIC EQUIPMENT.
7.

WHERE NEW CIRCUITS ARE SHOWN TO EXISTING PANELS, INSTALL NEW BREAKERS (MINIMUM 20 AMP, SINGLE POLE) AS CALLED FOR ON DRAWINGS.
8.

EXISTING CONDUIT MAY BE REUSED IF ADEQUATELY SIZED, BUT IN NO CASE SHALL ANY EXISTING CONDUCTORS BE REUSED.
9.

DURING EACH PHASE OF DEMOLITION, ALL CIRCUITS FROM EXISTING PANELS WHICH FEED AREAS OUTSIDE THE BOUNDARIES OF THAT PHASE, SHALL BE MAINTAINED.
10.

ALL ABANDONED OUTLETS INCLUDING LIGHT, RECEPTACLES, DATA/TEL, ETC., SHALL BE COVERED AND PATCHED TO MATCH THE FINISH OF SURROUNDING WALL OR CEILING TO THE SATISFACTION OF THE OWNER.
11.

CONTRACTOR SHALL PROTECT ALL EXISTING SYSTEMS WHICH ARE TO REMAIN, INCLUDING BUT NOT LIMITED TO: DATA/TEL, FIRE ALARM, SECURITY, CLOCK, BELL, POWER AND LIGHTING. ALL OUTLETS, HARDWARE, CONDUIT AND CONDUCTORS ARE TO BE SECURED FROM DAMAGE. CONTRACTOR SHALL TEST ALL OUTLETS, HARDWARE, CONDUIT AND CONDUCTORS PRIOR TO COMMENCEMENT OF WORK, AND PROVIDE A WRITTEN REPORT TO OWNER/ARCHITECT, INDICATING ANY FAILURES OR DAMAGE.

SCOPE OF WORK

ELECTRICAL AND LOW-VOLTAGE INFRASTRUCTURE FOR THE INTERIM HOUSING PROJECT AT ARROYO HIGH SCHOOL. THE SCOPE INVOLVES PROVIDING POWER AND LOW-VOLTAGE INFRASTRUCTURE FOR (4) NEW PORTABLES AND RE-PURPOSING EXISTING OFFICE SPACE.	
ELECTRICAL SHEET INDEX	
SHEET NUMBER	SHEET NAME
E0.10	ELECTRICAL FRONT SHEET
E0.11	ELECTRICAL LEGEND AND ABBREVIATIONS
E0.12	ELECTRICAL SINGLE LINE DIAGRAM AND LOAD CALCULATION
E1.21	ELECTRICAL SITE PLAN
E2.21	ELECTRICAL ENLARGED POWER PLAN - BUILDING G1
E2.22	ELECTRICAL ENLARGED POWER PLAN - BUILDING B
E2.31	ELECTRICAL ENLARGED POWER PLAN - PORTABLES
E3.21	ELECTRICAL ENLARGED LIGHTING PLAN - BUILDING G1
ELV2.21	LOW VOLTAGE ENLARGED PLAN - BUILDING G1
ELV2.22	LOW VOLTAGE ENLARGED PLAN - BUILDING B
ELV2.31	LOW VOLTAGE ENLARGED PLAN - PORTABLES
E10.01	ELECTRICAL DETAILS

DESIGN FOR GOOD

HMC Architects

3361-008-000

633 W. 5TH STREET, THIRD FLOOR,
LOS ANGELES, CA. 90071
213 542 8300 / www.hmcarchitects.com

NOT FOR CONSTRUCTION

ISSUE

DESCRIPTION	DATE
100% DESIGN DEVELOPMENT	04.13.2026

CONSULTANT:

B

Budlong

An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Fremont|Camarillo
W W W : B U I L D I N G . C O M
Job No. 24-335

FACILITY:

4921 Cedar Ave
El Monte, CA 91732

PROJECT:

EMUSD ARROYO HS - INTERIM HOUSING

SHEET NAME:

ELECTRICAL FRONT SHEET

100% DESIGN DEVELOPMENT

DATE: 04/13/26

CLIENT PROJ NO: 3361-008-101

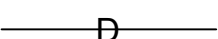
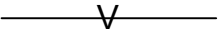
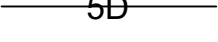
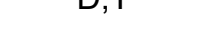
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E0.10

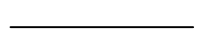
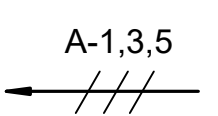
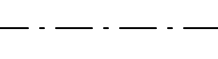
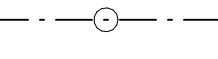
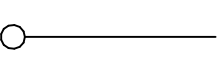
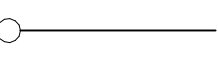
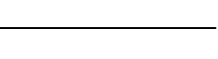
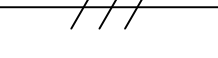
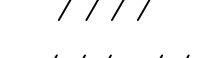
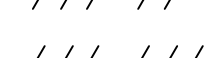
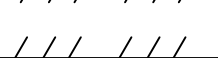
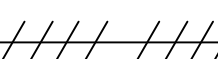
CONDUIT/CONDUCTOR TYPE

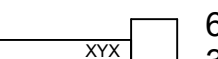
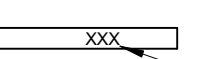
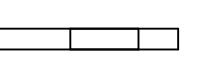
NOTE: ALL LOW VOLTAGE CABLE TO BE PLENUM RATED.

CONDUCTOR/CABLE TYPES

	DATA SYSTEM CONDUIT RUN 3/4"C, (1) 4-PAIR UTP CAT- 6 CABLE U.O.N.
	VOICE SYSTEM CONDUIT RUN 3/4"C, (1) 4-PAIR UTP CAT- 6 CABLE U.O.N.
	INDICATES DATA SYSTEM CONDUIT RUN WITH (5) 4-PAIR UTP CAT- 6 CABLES U.O.N.
	3/4"C. RACEWAY WITH ONE CAT-6 DATA CABLE AND ONE CAT-6 TELEPHONE CABLE.
	3/4"C. RACEWAY WITH (2)CAT-6 DATA CABLES AND (2) CAT-6 TELEPHONE CABLES.

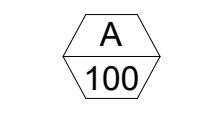
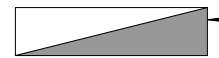
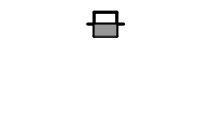
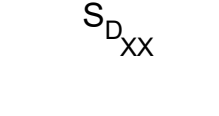
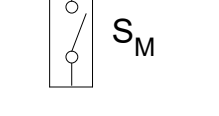
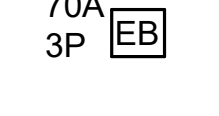
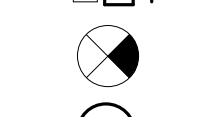
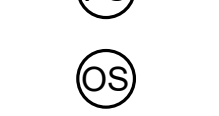
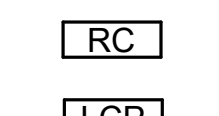
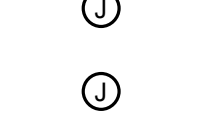
CONDUIT FILL	
CONDUIT SIZE	MAX # OF cat-6
3/4"	5
1"	9
1 1/4"	18
1 1/2"	22
2"	35
2 1/2"	55
3"	88

	CONDUIT: EXPOSED IN UNFINISHED AREA; CONCEALED ABOVE CEILING OR IN WALL IN FINISHED AREAS. 3/4"C. U.O.N. NO HASH MARKS, 2#12 AND 1#12 GREEN GROUND WIRES.
	HOMERUN TO PANEL "A" CIRCUITS 1,3,5, CROSS LINES INDICATE NUMBER OF #10 IN ADDITION TO 1#10 GREEN GROUND. 3/4"C, U.O.N.
	CONDUIT; IN OR BELOW FLOOR OR BELOW GRADE.
	RIGID THREADED CONDUIT WITH SEAL-OFF (CLASS 1, DIV.2 CONDITION)
	CONDUIT SYSTEM RISER UP.
	CONDUIT SYSTEM RISER DOWN.
	3/4"C, 2 #12 & 1 # 12 GROUND U.O.N.
	3/4"C, 3 #12 & 1 #12 GROUND.
	3/4"C, 4 #12 & 1 #12 GROUND.
	3/4"C, 5 #12 & 1 #12 GROUND.
	3/4"C, 6 #12 & 1 #12 GROUND.
	3/4"C, 7 #12 & 1 #12 GROUND
	1"C, 8 #12 & 1 #12 GROUND.

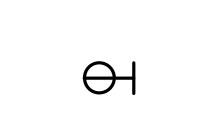
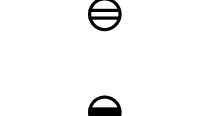
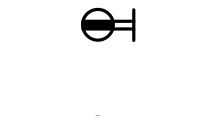
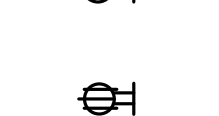
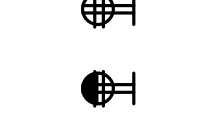
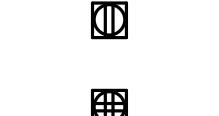
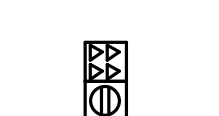
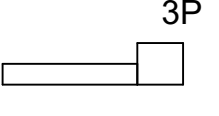
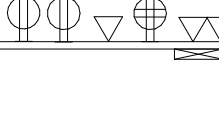
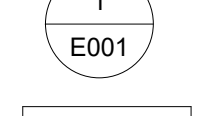
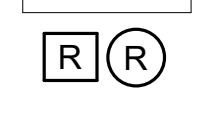
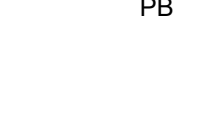
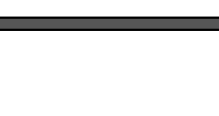
FEEDER SIZES FOR THE STARLINE BUS SYSTEM SHALL BE AS FOLLOWS (U.O.N.):	
	400A 3P 4"C, 4#600KCM, 1#2G.
	250A 3P 2 1/2"C, 4#250KCM, 1#4G.
	100A 3P 1 1/2"C, 4#1, 1#8G.
	60A 3P 1"C, 4#6, 1#8G.
	
	
	HATCHING ON BUS INDICATES CONNECTION TO THE UPS SYSTEM BUS DESIGNATOR
	BUS SHOWING MODULE AND RESPECTIVE CIRCUIT BREAKER(S)

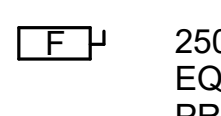
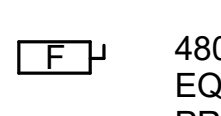
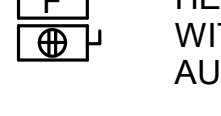
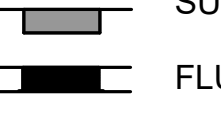
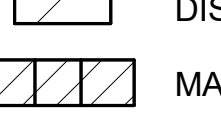
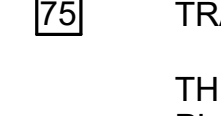
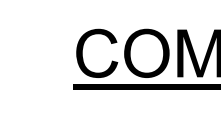
ELECTRICAL SYMBOLS

LIGHTING SYSTEM

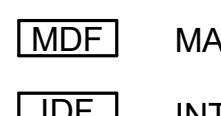
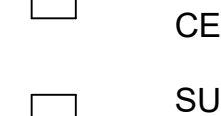
	INDICATES FIXTURE TYPE A, 100 WATTS. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTION.
	HATCHED PORTION OF LIGHT FIXTURE INDICATES CONNECTION TO THE EMERGENCY POWER SYSTEM.
	OCCUPANCY SENSOR FOR LIGHTING CONTROL, CEILING MOUNTED, DUAL TECHNOLOGY ULTRASONIC - PASSIVE INFRARED PER SPECIFICATIONS. PROVIDE POWER PACKS AS REQUIRED FOR A COMPLETE, APPROVED, OPERATING SYSTEM.
	OCCUPANCY SENSOR FOR LIGHTING CONTROL, CORNER MOUNTED, DUAL TECHNOLOGY ULTRASONIC - PASSIVE INFRARED PER SPECIFICATIONS. PROVIDE POWER PACKS AS REQUIRED FOR A COMPLETE, APPROVED, OPERATING SYSTEM.
	OCCUPANCY SENSOR FOR LIGHTING CONTROL. WALL MOUNTED, DUAL TECHNOLOGY ULTRASONIC - PASSIVE INFRARED PER SPECIFICATIONS. PROVIDE DUAL SWITCHING CAPACITY PER TITLE 24 WHERE REQUIRED.
	SINGLE POLE DIMMER SWITCH. SUBSCRIPTS "a" & "b" INDICATE SWITCH LEGS CONTROLLED AND GANGED ASSEMBLY WITH A SWITCH FOR EACH SUBSCRIPT. PROVIDE BARRIER FOR SEPARATION OF EMERGENCY POWER WHERE REQUIRED, +48" TO TOP OF BOX, U.O.N.
	MANUAL HP RATED SWITCH, WEATHER PROOF ENCLOSURE AS REQUIRED, INCLUDE REQUIRED NUMBER OF POLES AND MOTOR OVERLOAD RELAYS. PROVIDE GFI PROTECTED FOR LABORATORIES AND WET AREAS.
	DISCONNECT SWITCH WITH CONNECTION TO EQUIPMENT SERVED, RATING AND NUMBER OF POLES AS SHOWN ON PLANS.
	PUSH BUTTON SWITCH.
	EXIT SIGN SHALL BE FURNISHED WHERE SHOWN.
	CEILING MOUNTED DAYLIGHT PHOTO SENSOR.
	CEILING MOUNTED OCCUPANY+DAYLIGHT PHOTO SENSOR COMBO, USE COMPATIBLE SWITCH PADS FOR DIMMING & POWER PACK FOR PLUG LOAD CONTROL.
	LIGHTING CONTROLLER/POWER PACK WITH RELAYS AS INDICATED ON PLAN.
	LIGHTING ROOM CONTROLLER
	LIGHTING CONTROL PANEL

POWER SYSTEM

	JUNCTION BOX; SURFACE MOUNTED OR INSIDE WALL.
	CLASS 1, DIV.2 EXPLOSION PROOF JUNCTION BOX: SURFACE MOUNTED.
	SINGLE POWER RECEPTACLE, 125V, 20 AMP, U.O.N.
	DUPLEX RECEPTACLE; 125V, 20 AMP, NEMA 5-20R. CEILING MOUNTED.
	DUPLEX RECEPTACLE ON UPS; 125V, 20 AMP, NEMA 5-20R.
	DUPLEX RECEPTACLE; 125V, 20 AMP, NEMA 5-20R. +18" U.O.N.
	DUPLEX RECEPTACLE ON UPS; 125V, 20 AMP, NEMA 5-20R. +18" U.O.N.
	DUPLEX RECEPTACLE WITH USB; 125V, 20 AMP, NEMA 5-20R. +18" U.O.N.
	RECEPTACLE; 208V, 30 AMP, NEMA 6-30R. +18" U.O.N.
	SWITCH CONTROLLED SPLIT LOAD DUPLEX RECEPTACLE; 125V., 20 AMP, NEMA 5-20R. +18" U.O.N.
	G.F.I. DUPLEX RECEPTACLE, 125V, 20 AMP, NEMA 5-20R. +18" U.O.N. PROVIDE WP "WHILE IN USE" COVER IN EXTERIOR LOCATIONS.
	QUAD RECEPTACLE; 125V, 20 AMP, NEMA 5-20R. +18" U.O.N.
	QUAD G.F.I. RECEPTACLE; 125V, 20 AMP, NEMA 5-20R. +18" U.O.N. PROVIDE WP "WHILE IN USE" COVER IN EXTERIOR LOCATIONS.
	SWITCH CONTROLLED SPLIT LOAD QUAD RECEPTACLE; 125V, 20 AMP, NEMA 5-20R. +18" U.O.N.
	FLOOR DUPLEX RECEPTACLE, 125V, 20 AMP, NEMA 5-20R FLOOR
	QUADPLEX RECEPTACLE, 125V, 20 AMP, NEMA 5-20R FLUSH IN FLOOR MOUNTED
	COMBINATION DUPLEX RECEPTACLE/DATA OUTLET, 125V, 20 AMP, & CORRESPONDING DATA PLUGS.
	TWIST-LOCK RECEPTACLE, 125/250V, 20 AMP, NEMA L14-20R WITH MATCHING PLUG & 20 AMP CORD DROP, MAKE-UP CONNECTION TO EQUIPMENT SHOWN.
	TWIST-LOCK RECEPTACLE, 125/250V, 30 AMP, NEMA L14-30R WITH MATCHING PLUG & 30 AMP CORD DROP, MAKE-UP CONNECTION TO EQUIPMENT SHOWN.
	STARLINE BUS SYSTEM SHOWING ENTRY BOX SIZE AND EQUIVALENT BUS.
	WIRE MOLD RACEWAY, MODEL 2000, DUAL CHAMBER WITH QUANTITY OF RECEPTACLES AND DATA OUTLETS AS INDICATED. MOUNTING HEIGHT OF WIRE MOLD AS SPECIFIED ON PLANS. PROVIDE ALL WIRE MOLD FITTINGS, ELBOWS, BOXES, ETC. TO MAKE A COMPLETE SYSTEM.
	NOTE REFERENCE TAG.
	DETAIL REFERENCE TAG.
	CABLE TRAY, 4" x 18" TOTAL (THREE SECTION WIRE BASKET).
	RELAY WITH ENCLOSURE AS REQUIRED.
	ELECTRICAL UNDERGROUND PULL BOX.

	250V HEAVY DUTY DISCONNECT SWITCH. H.P. RATED, PER EQUIPMENT MANUFACTURER, 3P U.O.N. "F" INDICATES FUSED, PROVIDE FUSE SIZE BASED ON NAMEPLATE RATING OF EQUIPMENT.
	480V, HEAVY DUTY DISCONNECT SWITCH. H.P. RATED, PER EQUIPMENT MANUFACTURER, 3P U.O.N. "F" INDICATES FUSED, PROVIDE FUSE SIZE BASED ON NAMEPLATE RATING OF EQUIPMENT.
	480V VFD (SUPPLIED BY MECHANICAL CONTRACTOR), WITH INTEGRAL DISCONNECTING MEANS. H.P. RATED, PER EQUIPMENT MANUFACTURER, 3P U.O.N.
	COMBINATION FUSED MOTOR DISCONNECT SWITCH AND MAGNETIC MOTOR STARTER SIZED ACCORDING TO MOTOR MANUFACTURER RECOMMENDATIONS, HOA, STARTER SIZE 1 MIN., SOLID STATE ADJUSTABLE OVER LOAD PROTECTION, MOUNTED ON INDEPENDENT SUPPORT.
	HEAVY DUTY DISCONNECT SWITCH. H.P. RATED, AS PR ABOVE WITH INTEGRAL 15A GFI, 120V RECEPTACLE, SIMILAR TO EATON AUXILIARY POWER HEAVY DUTY FUSED SWITCH.
	SURFACE MOUNTED PANELBOARD.
	FLUSH MOUNTED PANELBOARD.
	DISTRIBUTION PANELBOARD.
	MAIN SWITCHBOARD.
	TRANSFORMER (75 KVA).
	THERMOSTAT +48" U.O.N. 4S DEEP BACKBOX WITH 1-GANG PLASTER RING, (VERIFY ORIENTATION OF PLASTER RING WITH MECHANICAL CONTRACTOR), THERMOSTAT PROVIDED BY MECHANICAL, CONNECTED BY MECHANICAL.

COMPUTER NETWORK SYSTEM

	MAIN DISTRIBUTION FRAME.
	INTERMEDIATE DISTRIBUTION FRAME.
	ONE TELEPHONE OUTLET RG-45/ONE CAT-6 CABLE (PLENUM RATED) FROM EACH DATA DROP TO IDF OR MDF. PROVIDE 3/4"C TO CABLE TRAY. U.O.N.
	CEILING MOUNTED TELEPHONE OUTLET RG-45/CAT-6 CABLE (PLENUM RATED) FROM EACH DATA DROP TO IDF OR MDF. PROVIDE 3/4"C TO CABLE TRAY U.O.N.
	DATA DROP WITH (1) CAT-6/(1) CAT-6 CABLE (PLENUM RATED) FROM EACH DATA DROP TO IDF OR MDF.PROVIDE 3/4"C TO CABLE TRAY U.O.N.
	ONE DATA OUTLET AND ONE TELEPHONE OUTLET (RG-45 OUTLETS). PROVIDE UNSPLICED (3) CAT-6 CABLE (PLENUM RATED) FROM EACH DATA/TELEPHONE OUTLET TO IDF OR MDF. PROVIDE 3/4"C TO CABLE TRAY U.O.N.
	TWO DATA OUTLETS AND ONE TELEPHONE OUTLET (RG-45 OUTLETS). PROVIDE UNSPLICED (3) CAT-6 CABLE (PLENUM RATED) FROM EACH DATA/TELEPHONE OUTLET TO IDF OR MDF.
	FLUSH IN-FLOOR BOX WITH TWO DATA OUTLETS AND ONE TELEPHONE OUTLET (RG-45 OUTLETS). PROVIDE UNSPLICED (3) CAT-6 CABLE (PLENUM RATED) FROM EACH DATA / TELEPHONE OUTLET TO IDF OR MDF. PROVIDE 1"C TO CABLE TRAY. U.O.N
	WIREMOLD 4000 SUSPENDED FROM STRUCTURE ABOVE AND PROVIDED WITH DATA/COMM OUTLETS AND PLENUM RATED CABLING AS SHOWN.
	FLUSH 4SD PULL BOX MOUNTED AT 64"AFF FOR VIDEO CABLES (TO FLOOR BOX, SEE BELOW).
	FLUSH MOUNTED FLOOR BOX FOR VIDEO CABLES TO WALL OR CEILING BOX.
	SURFACE MOUNTED CEILING BOX FOR VIDEO CABLES TO WALL OR FLOOR BOX.
	WALL MOUNTED EXTERIOR WAP DEVICE WITH INTEGRATED ANTENNA WITH OEHS CLEARANCE ONLY.

ACCESS CONTROL DOOR SYSTEM

	ACCESS CONTROL BACK BOX FOR CARD READER DEVICE, CABLING AND TERMINATION BY LOW VOLTAGE CONTRACTOR.
	DOOR PROP ALARM. DEVICE, CABLING AND TERMINATION BY LOW VOLTAGE CONTRACTOR



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633 W. 5TH STREET, THIRD FLOOR,
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213 542 8300 / www.hmcarchitects.com

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W W W : B U D L O N G . C O M
Job No. 24-335

FACILITY:

4921 Cedar Ave
El Monte, CA 91732

PROJECT:

EMUSD ARROYO HS - INTERIM HOUSING

SHEET NAME:

ELECTRICAL LEGEND AND ABBREVIATIONS

100% DESIGN DEVELOPMENT

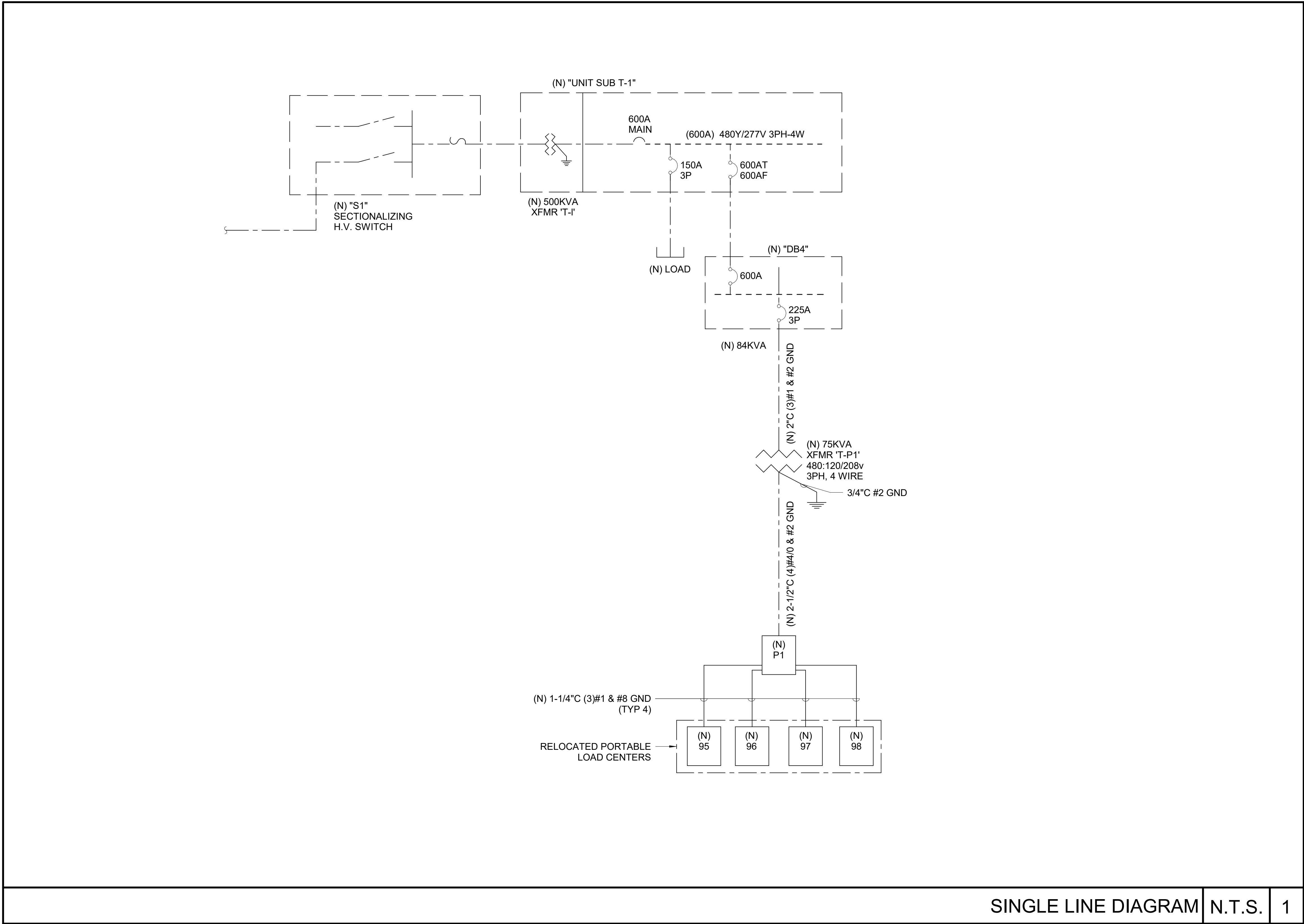
DATE: 04/13/26

CLIENT PROJ NO: 3361-008-101

SHEET:

Autodesk Docs:1351008101 EMUSD Arroyo Portable Bldg Interim Housing(EFALLV22_24-355 Arroyo Portable Bldg Interim Housing.rvt 10-04-2025 05:54:30 PM

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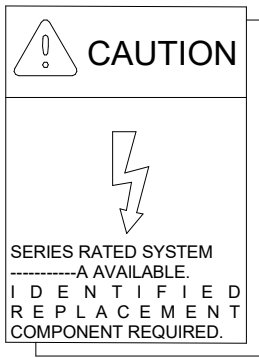
SINGLE LINE DIAGRAM

N.T.S.

1

GENERAL NOTES

- ALL OVERCURRENT DEVICES IN AN INDIVIDUAL PIECE OF EQUIPMENT SHALL HAVE AN AIC RATING EQUAL TO THE RATING OF EQUIPMENT. SERIES RATING OF DEVICES WITHIN A PIECE OF EQUIPMENT IS NOT ALLOWED.
- ALL SWITCHBOARDS, DISTRIBUTION BOARDS, PANELS, TRANSFORMER AND CIRCUIT BREAKER SHALL BE OF SAME MANUFACTURER.
- ALL CIRCUIT BREAKERS 600A AND ABOVE SHALL BE 100% SOLID STATE ELECTRONIC TRIP.
- PROVIDE 20% SPACE IN ALL SWITCHBOARDS, DISTRIBUTION BOARDS AND DISTRIBUTION PANELS, UNLESS OTHERWISE NOTED ON PLANS.
- CONDUCTORS FOR ALL WIRING SHALL BE OF COPPER, UNLESS OTHERWISE NOTED ON PLANS.
- ALL BUSSING SHALL BE MADE IN COPPER. MAIN AND HORIZONTAL BUSSING SHALL BE RATED FOR FULL CAPACITY ON ALL SECTIONS. ALL BUSSING SHALL HAVE A WITHSTAND RATING EQUAL TO A MINIMUM OF 1.15% OF THE CALCULATED AVAILABLE FAULT CURRENT INDICATED, BUT IN NO CASE THE CURRENT INTERRUPTING RATING SHALL BE LESS THAN 65,000 AMPERES.
- ALL EQUIPMENT SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND SHALL BE INSTALLED AS PER LISTING OR LABELING.
- ALL TERMINALS SHALL BE TORQUED TO MANUFACTURER'S LISTED SPECIFICATIONS.
- ALL RACEWAYS SHALL CONTAIN A CODE-SIZED (CEC-250), INSULATED, GREEN, COPPER EQUIPMENT GROUNDING CONDUCTOR AND SHALL BE BONDED TO THE METALLIC COMPONENTS OF THE RACEWAY SYSTEM.
- ALL CONDUCTORS TO BE COPPER, TYPE THWN/THHN INSULATION RATED FOR 75°/90°C.
- EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AS PER CEC 210.4(B)&(D).
- AN ARC FLASH COORDINATION STUDY SHALL BE PERFORMED BY CONTRACTOR FOR E.O.R. REVIEW IF REQUIRED.
- CONTRACTOR IS TO CONFIRM ADEQUATE LANDING LUGS TO TERMINATE FEEDERS PER SINGLE LINE DIAGRAM AND FEEDER SCHEDULE.



NOTE TO INSTALLING ELECTRICIAN:
THE CEC REQUIRES THE INSTALLER TO PROPERLY APPLY AND COMPLETE THIS LABEL. LABEL(S) MUST BE PLACED ON ALL EQUIPMENT WHERE SERIES RATINGS ARE UTILIZED.



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HMC Architects
3361-008-000
633 W. 5TH STREET, THIRD FLOOR,
LOS ANGELES, CA. 90071
213 542 8300 / www.hmcarchitects.com

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Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Fremont|Camarillo
W W W . B U D L O N G . C O M
Job No. 24-335

FACILITY:

4921 Cedar Ave
El Monte, CA 91732

PROJECT:
EMUSD ARROYO HS - INTERIM HOUSING

SHEET NAME:
ELECTRICAL SINGLE LINE DIAGRAM AND LOAD CALCULATION

100% DESIGN DEVELOPMENT

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SHEET:

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- UNDERGROUND PULL BOX SHALL BE SIZED IN ACCORDANCE WITH CEC/NEC 314.28. USE PRECAST CONCRETE, AASHTO H-20 TYPE PULL BOX FOR DELIBERATE VEHICULAR TRAFFIC APPLICATIONS (E.G. WITHIN STREETS, HIGHWAYS AND/OR SHOULDER) ALONG HIGHWAY. USE CAST CONCRETE LIGHT DUTY TYPE PULL BOX FOR PEDESTRIANS TRAFFIC ONLY (E.G. GRASSY AREAS IN RESIDENTIAL PROPERTIES THAT ARE LOCATED AWAY FROM VEHICULAR TRAFFIC. CONTRACTOR IS REQUIRED TO SIZE THE PULL BOXES, HANDHOLES AND ALL ELECTRICAL ENCLOSURES PER CEC 314.28 SHOWN ON THE PLANS ARE FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE THE BIGGER OR EQUIVALENT SIZE PULL BOX. THE DEPTH OF THE PULL BOX SHALL HAVE ENOUGH SPACE TO ACCOMMODATE THE LARGEST SIZE CONDUITS AND RELATED LOCKNUTS, BUSHING AND ALL OTHER ACCESSORIES.
- B. SCHEDULE 40 RIGID PVC CONDUIT SHALL BE USED FOR CONCRETE ENCASED DUCTBANK UNDER ROADWAYS, PARKING LOTS, OR OTHER AREAS SUBJECT TO VEHICULAR TRAFFIC AND ALL MEDIUM VOLTAGE WORK.
- C. MAXIMUM NUMBER OF BENDS IN ONE CONDUIT RUN BETWEEN MANHOLES SHALL BE NO MORE THAN 270 DEGREES.
- D. THE ENCLOSURES OF ALL SWITCHGEAR, TRANSFORMERS, UNIT SUBSTATIONS, MOTOR CONTROLS AND PANELBOARDS SHALL BE GROUNDED BY A SEPARATE GROUNDING CONDUCTOR TO THE GROUND SYSTEM.
- E. THE RESISTANCE OF THE COMPLETED GROUND SYSTEM FOR STANDARD INSTALLATIONS SHALL NOT EXCEED 5 OHMS. IF ANY SPECIAL EQUIPMENT BEING INSTALLED REQUIRES A LOWER GROUND SYSTEM RESISTANCE, THAT EQUIPMENT MANUFACTURER'S MAXIMUM GROUND RESISTANCE SHALL APPLY.
- F. FOR SOLIDLY GROUNDED ALTERNATE SOURCE OF EMERGENCY POWER SYSTEMS (GENERATOR) HAVING LINE TO LINE-TO GROUND VOLTAGE LARGER THAN 150V (FOR EXAMPLE 480V/277V) AND RATED 1000A OR MORE, NO GROUND FAULT PROTECTIVE WITH AUTOMATIC DISCONNECTING MEANS IS REQUIRED; ONLY GROUND-FAULT INDICATION (ALARMS) SHALL BE PROVIDED IN ACCORDANCE WITH NEC/CEC, ARTICLE 700.31 AND 700.69D).
- G. PROVIDE STATIONARY DIESEL-FUELED POWER SUPPLY (EPS) WITH AUTO-LOAD TAPPING MEANS, AND ASSOCIATED ACCESSORIES IN COMPLIANCE WITH NFPA 110, LEVEL 1, EMERGENCY POWER SUPPLY SYSTEM (EPS) REQUIREMENTS.
- H. PROVIDE AN NFPA 110 COMPLIANT CONTROL PANEL MOUNTED ON THE EMERGENCY POWER SYSTEM (EPS) NO MORE THAN 70 INCHES ABOVE THE FINISHED FLOOR TO THE TOP OF THE PANEL, INCLUDING THE CONCRETE HOUSEKEEPING PAD AND VIBRATION ISOLATORS.
- I. CONDUIT ROUTING IS DIAGRAMMATICALLY SHOWN ONLY. CONDUIT SHALL BE INSTALLED AS REQUIRED TO AVOID INTERFERENCE WITH EXISTING UTILITIES AND STRUCTURES. COORDINATE EXACT LOCATIONS OF ANY SITE WORK WITH CIVIL DRAWINGS.
- J. ALL JUNCTION BOXES, PULL BOXES, ETC. ARE NOT SHOWN ON THIS DRAWING, BUT SHALL BE PROVIDED WHERE NECESSARY IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE NEC/CEC.
- K. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION RELATED TO CIVIL WORKS.
- L. PROVIDE POST BARRIERS TO ELECTRICAL EQUIPMENT TO PROVIDE PHYSICAL PROTECTION.
- M. EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING OF CONDUITS, ETC., AND TO PREVENT HAZARD TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN AND INSTALLED BY ANY OTHER CONTRACTS. THE ENGINEER IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED.
- N. LABEL ALL WIRING CIRCUIT NUMBERS INSIDE ENCLOSURES OR HANDHOLES. PROVIDE CIRCUIT I.D. TAGS INSIDE HANDHOLES RATED FOR WET LOCATIONS.
- O. EXISTING CONDITIONS SHOWN ARE BASED ON AS-BUILT DRAWINGS & SITE-SURVEY. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS SHOWN PRIOR TO INSTALLATION OF ANY WORK.

- 1 PROVIDE NEW 225A, 120/208, 3PH, 3W, PANEL 'P2'. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 2 PROVIDE NEW 3" UNDERGROUND CONDUIT WITH (4) #4/0 & #2 GROUND. REFER TO THE SINGLE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.



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Architects FOR
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633 W. 5TH STREET, THIRD FLOOR,
LOS ANGELES, CA, 90071
213 542 8300 / www.hmcarchitects.com

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Budlong

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Glendale|Downtown LA|Fremont|Camarillo
WWW.BUDLONG.COM
Job No. 24-335

FACILITY:

4921 Cedar Ave
El Monte, CA 91732

PROJECT:
EMUSD ARROYO HS - INTERIM HOUSING

SHEET NAME:
ELECTRICAL SITE PLAN

100% DESIGN DEVELOPMENT

DATE: 04/13/26	CLIENT PROJ NO: 3361-008-10
SHEET:	

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DRAWING IS NOT TO SCALE
SHEET OR DRAWING PAGE SIZE

ALL EXISTING CONDUITS AND CONDUCTORS SERVING
EXISTING EQUIPMENT ARE TO BE REMOVED BACK TO
NEAREST JUNCTION BOX AT 7' AFF OR HIGHER.

GENERAL NOTES

- A. UNDERGROUND PULL BOX SHALL BE SIZED IN ACCORDANCE WITH CEC/NEC 314.28. USE PRECAST CONCRETE, AASHTO H-20 TYPE PULL BOX FOR DELIBERATE VEHICULAR TRAFFIC APPLICATIONS (E.G., WITHIN STREETS, HIGHWAYS AND PAVED SHOULDERS ALONG HIGHWAYS).
- B. UNDERGROUND PULL BOX SHALL BE SIZED IN ACCORDANCE WITH CEC/NEC 314.28. USE PRECAST CONCRETE, LIGHT DUTY TYPE PULL BOX FOR PEDESTRIAN TRAFFIC ONLY (E.G., GRASSY AREAS IN RESIDENTIAL PROPERTIES THAT ARE LOCATED AWAY FROM VEHICULAR TRAFFIC).
- C. SCHEDULE 40 RIGID PVC CONDUIT SHALL BE USED FOR CONCRETE ENCASED DUCTBANK UNDER ROADWAYS, PARKING LOTS, OR OTHER AREAS SUBJECT TO VEHICULAR TRAFFIC AND ALL MEDIUM VOLTAGE WORK.
- D. MAXIMUM NUMBER OF BENDS IN ONE CONDUIT RUN BETWEEN MANHOLES SHALL BE NO MORE THAN 270 DEGREES.
- E. THE ENCLOSURES OF ALL SWITCHGEAR, TRANSFORMERS, UNIT SUBSTATIONS, MOTOR CONTROLS AND PANELBOARDS SHALL BE GROUNDED BY A SEPARATE GROUNDING CONDUCTOR TO THE GROUND SYSTEM.
- F. THE RESISTANCE OF THE COMPLETED GROUND SYSTEM FOR STANDARD INSTALLATIONS SHALL NOT EXCEED 5 OHMS. IF ANY SPECIAL EQUIPMENT BEING INSTALLED REQUIRES A LOWER GROUND SYSTEM RESISTANCE, THAT EQUIPMENT MANUFACTURER'S MAXIMUM GROUND RESISTANCE SHALL APPLY.
- G. FOR SOLIDLY GROUNDED ALTERNATE SOURCE OF EMERGENCY POWER SYSTEMS (GENERATOR) HAVING LINE TO LINE-TO GROUND VOLTAGE LARGER THAN 150V (FOR EXAMPLE 480V/277V) AND RATED 1000A OR MORE, NO GROUND FAULT PROTECTION WITH AUTOMATIC DISCONNECTING MEANS IS REQUIRED; ONLY GROUND-FAULT INDICATION (ALARMS) SHALL BE PROVIDED IN ACCORDANCE WITH NEC/CEC, ARTICLE 700.31 AND 700.69D).
- H. PROVIDE STATIONARY DIESEL-FUELED POWER SUPPLY (EPS) WITH ATS, LOAD TESTING MEANS, AND ASSOCIATED ACCESSORIES IN COMPLIANCE WITH NFPA 110, LEVEL 1, EMERGENCY POWER SUPPLY SYSTEM (EPS) REQUIREMENTS.
- I. PROVIDE AN NFPA 110 COMPLIANT CONTROL PANEL MOUNTED ON THE EMERGENCY POWER SYSTEMS (EPS), NO MORE THAN 78 INCHES ABOVE THE FINISHED FLOOR TO THE TOP OF THE PANEL, INCLUDING THE CONCRETE HOUSEKEEPING PAD AND VIBRATION ISOLATORS.
- J. CONDUIT ROUTING IS DIAGRAMMATICALLY SHOWN ONLY. CONDUIT SHALL BE INSTALLED AS REQUIRED TO AVOID INTERFERENCE WITH EXISTING UTILITIES AND STRUCTURES. COORDINATE EXACT LOCATIONS OF ANY SITE WORK WITH CIVIL DRAWINGS.
- K. ALL JUNCTION BOXES, PULL BOXES, ETC. ARE NOT SHOWN ON THIS DRAWING, BUT SHALL BE PROVIDED WHERE NECESSARY IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE NEC/CEC.
- L. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION RELATED TO CIVIL WORKS.
- M. PROVIDE POST BARRIERS TO ELECTRICAL EQUIPMENT TO PROVIDE PHYSICAL PROTECTION.

CONSTRUCTION KEYNOTES

- 1 ALL EXISTING DEVICES TO REMAIN IN PLACE.
- 2 REMOVE POWER REEL CORDS BACK TO NEAREST JUNCTION BOX ABOVE 7' AFF. REMOVE HANGING UNISTRUT STRUCTURE SUPPORTING POWER REEL CORDS.
- 3 EXISTING DISCONNECT TO REMAIN IN PLACE. REMOVE EXISTING CONDUIT AND CONDUCTORS SERVING EXISTING WOOD SHOP EQUIPMENT TO BE REMOVED. ALL EXISTING CONDUITS ARE TO BE REMOVED BACK TO NEAREST JUNCTION BOX AT 7' AFF OR HIGHER.

ELECTRICAL ENLARGED POWER PLAN BUILDING G1

1

1/8" = 1'-0"



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HMC Architects
3361-008-000
633 W. 5TH STREET, THIRD FLOOR,
LOS ANGELES, CA, 90071
213 542 8300 / www.hmcarchitects.com

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Budlong
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Glendale|Downtown LA|Fremont|Camarillo
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Job No. 24-335

FACILITY:

4921 Cedar Ave
El Monte, CA 91732

PROJECT:

EMUSD ARROYO HS - INTERIM HOUSING

SHEET NAME:

ELECTRICAL ENLARGED POWER PLAN - BUILDING G1

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SHEET:

E2.21

PLEASE RECYCLE



1
1/8" = 1'-0"

- A. UNDERGROUND PULL BOX SHALL BE SIZED IN ACCORDANCE WITH CEC/NEC 314.28. USE PRECAST CONCRETE. AASHTO H-20 TYPE PULL BOX FOR DELIBERATE VEHICULAR TRAFFIC APPLICATIONS (E.G., WITHIN STREETS, HIGHWAYS AND PAVED SHOULDERS ALONG HIGHWAYS).
- B. UNDERGROUND PULL BOX SHALL BE SIZED IN ACCORDANCE WITH CEC/NEC 314.28. USE PRECAST CONCRETE, LIGHT DUTY TYPE PULL BOX FOR PEDESTRIAN TRAFFIC ONLY (E.G., GRASSY AREAS IN RESIDENTIAL PROPERTIES THAT ARE LOCATED AWAY FROM VEHICULAR TRAFFIC).
- C. SCHEDULE 40 RIGID PVC CONDUIT SHALL BE USED FOR CONCRETE ENCASED DUCTBANK UNDER ROADWAYS, PARKING LOTS, OR OTHER AREAS SUBJECT TO VEHICULAR TRAFFIC AND ALL MEDIUM VOLTAGE WORK.
- D. MAXIMUM NUMBER OF BENDS IN ONE CONDUIT RUN BETWEEN MANHOLES SHALL BE NO MORE THAN 270 DEGREES.
- E. THE ENCLOSURES OF ALL SWITCHGEAR, TRANSFORMERS, UNIT SUBSTATIONS, MOTOR CONTROL S AND PANELBOARDS SHALL BE GROUNDED BY A SEPARATE GROUNDING CONDUCTOR TO THE GROUND SYSTEM.
- F. THE RESISTANCE OF THE COMPLETED GROUND SYSTEM FOR STANDARD INSTALLATIONS SHALL NOT EXCEED 5 OHMS. IF ANY SPECIAL EQUIPMENT BEING INSTALLED REQUIRES A LOWER GROUND SYSTEM RESISTANCE, THAT EQUIPMENT MANUFACTURER'S MAXIMUM GROUND RESISTANCE SHALL APPLY.
- G. FOR SOLIDLY GROUNDED ALTERNATE SOURCE OF EMERGENCY POWER SYSTEMS (GENERATOR) HAVING UNTO LINE-TO-GROUND VOLTAGE LARGER THAN 150V (FOR EXAMPLE 480V/277V) AND RATED 1000A OR MORE, NO GROUND FAULT PROTECTION WITH AUTOMATIC DISCONNECTING MEANS IS REQUIRED; ONLY GROUND-FAULT INDICATION (ALARMS) SHALL BE PROVIDED IN ACCORDANCE WITH NEC/CEC, ARTICLE 700.31 AND 700.69(D).
- H. PROVIDE STATIONARY DIESEL-FUELED POWER SUPPLY (EPS) WITH ATS, LOAD TESTING MEANS, AND ASSOCIATED ACCESSORIES IN COMPLIANCE WITH NFPA 110, LEVEL 1, EMERGENCY POWER SUPPLY SYSTEM (EPS) REQUIREMENTS.
- I. PROVIDE AN NFPA 110 COMPLIANT CONTROL PANEL MOUNTED ON THE EMERGENCY POWER SYSTEMS (EPS). NO MORE THAN 79 INCHES ABOVE THE FINISHED FLOOR TO THE TOP OF THE PANEL, INCLUDING THE CONCRETE HOUSEKEEPING PAD AND VIBRATION ISOLATORS.
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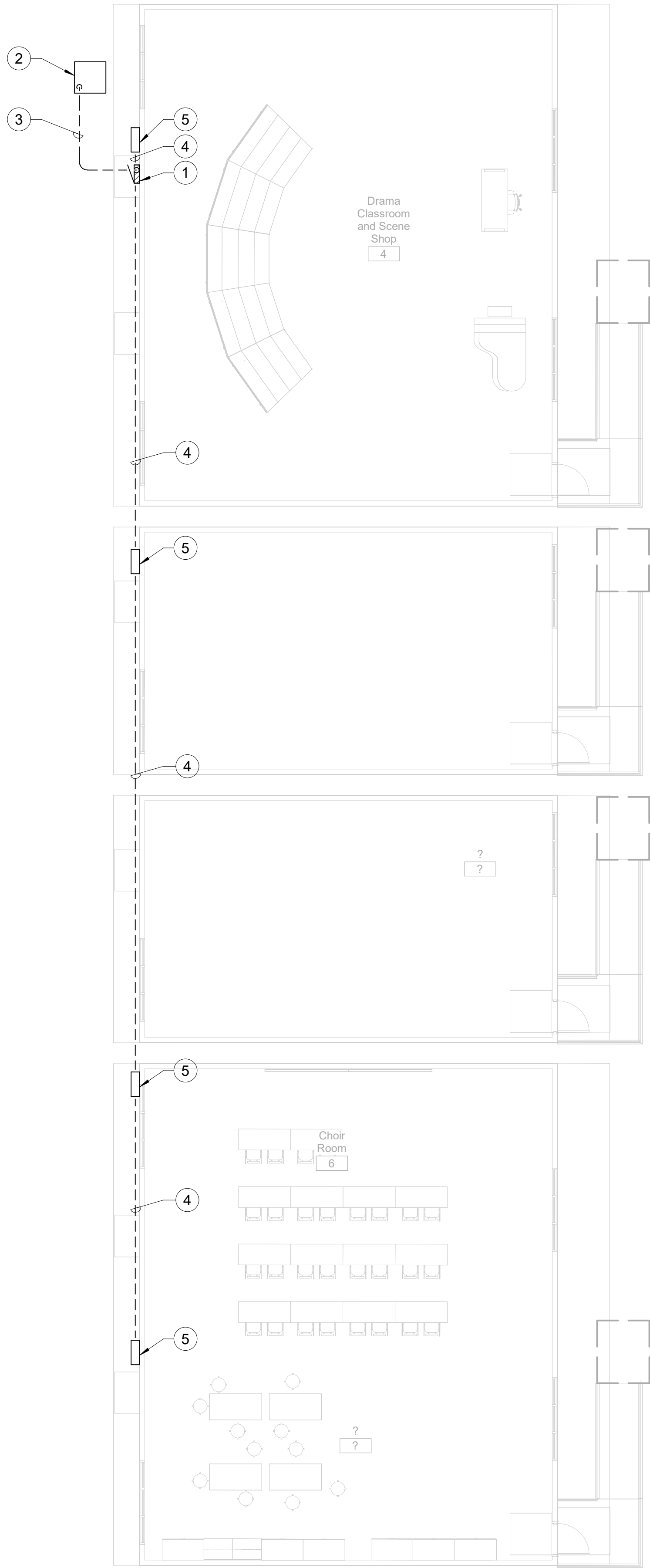
1	EXISTING WIREMOLD WITH DUPLEX RECEPTACLE TO REMAIN.
2	EXISTING DISCONNECT TO REMAIN IN PLACE.
3	PROVIDE NEW POWER POLE TO FEED NEW FURNITURE SYSTEM. EXTEND NEW CONDUIT AND CONDUCTORS WITHIN CEILING SPACE ABOVE T-BAR AND EXTEND TO PANEL CB2.

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ELECTRICAL ENLARGED POWER PLAN PORTABLES

1

1/8" = 1'-0"

GENERAL NOTES

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- B. UNDERGROUND PULL BOX SHALL BE SIZED IN ACCORDANCE WITH CEC/NEC 314.28. USE PRECAST CONCRETE, LIGHT DUTY TYPE PULL BOX FOR PEDESTRIAN TRAFFIC ONLY (E.G., GRASSY AREAS IN RESIDENTIAL PROPERTIES THAT ARE LOCATED AWAY FROM VEHICULAR TRAFFIC).
- C. SCHEDULE 40 RIGID PVC CONDUIT SHALL BE USED FOR CONCRETE ENCASED DUCTBANK UNDER ROADWAYS, PARKING LOTS, OR OTHER AREAS SUBJECT TO VEHICULAR TRAFFIC AND ALL MEDIUM VOLTAGE WORK.
- D. MAXIMUM NUMBER OF BENDS IN ONE CONDUIT RUN BETWEEN MANHOLES SHALL BE NO MORE THAN 270 DEGREES.
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- G. FOR SOLIDLY GROUNDED ALTERNATE SOURCE OF EMERGENCY POWER SYSTEMS (GENERATOR) HAVING LINE TO LINE-TO GROUND VOLTAGE LARGER THAN 150V (FOR EXAMPLE 480V/277Y) AND RATED 1000A OR MORE, NO GROUND FAULT PROTECTION WITH AUTOMATIC DISCONNECTING MEANS IS REQUIRED; ONLY GROUND-FAULT INDICATION (ALARMS) SHALL BE PROVIDED IN ACCORDANCE WITH NEC/CEC, ARTICLE 700.31 AND 700.69D).
- H. PROVIDE STATIONARY DIESEL-FUELED POWER SUPPLY (EPS) WITH ATS, LOAD TESTING MEANS, AND ASSOCIATED ACCESSORIES IN COMPLIANCE WITH NFPA 110, LEVEL 1, EMERGENCY POWER SUPPLY SYSTEM (EPS) REQUIREMENTS.
- I. PROVIDE AN NFPA 110 COMPLIANT CONTROL PANEL MOUNTED ON THE EMERGENCY POWER SYSTEMS (EPS). NO MORE THAN 78 INCHES ABOVE THE FINISHED FLOOR TO THE TOP OF THE PANEL, INCLUDING THE CONCRETE HOUSEKEEPING PAD AND VIBRATION ISOLATORS.
- J. CONDUIT ROUTING IS DIAGRAMMATICALLY SHOWN ONLY. CONDUIT SHALL BE INSTALLED AS REQUIRED TO AVOID INTERFERENCE WITH EXISTING UTILITIES AND STRUCTURES. COORDINATE EXACT LOCATIONS OF ANY SITE WORK WITH CIVIL DRAWINGS.
- K. ALL JUNCTION BOXES, PULL BOXES, ETC. ARE NOT SHOWN ON THIS DRAWING, BUT SHALL BE PROVIDED WHERE NECESSARY IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE NEC/CEC.
- L. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION RELATED TO CIVIL WORKS.
- M. PROVIDE POST BARRIERS TO ELECTRICAL EQUIPMENT TO PROVIDE PHYSICAL PROTECTION.

CONSTRUCTION KEYNOTES

- 1 NEW 225A, 120/208, 3PH, 3W, PANEL 'P1'. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 2 NEW 75KVA TRANSFORMER 480V:120/208V, 3PH. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 3 NEW 2-1/2" U.G. CONDUIT WITH (4) #4/0 & #2 GND. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 4 NEW 1-1/4" U.G. CONDUIT WITH (3)#1 & #8 GND. INTERLOCK NEW FEEDERS FROM NEW PANEL 'PL' TO RELOCATED PORTABLE JUNCTION BOX POINT OF CONNECTION MATCHING NEW INSTALLATIONS.
- 5 NEW SURFACE-MOUNTED PULL BOX FOR RELOCATED PORTABLE ELECTRICAL FEEDER POINT OF CONNECTION. PROVIDE ALL NECESSARY ACCESSORIES FOR A FULLY OPERATIONAL SYSTEM.



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3361-008-000

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ISSUE

DESCRIPTION	DATE
100% DESIGN DEVELOPMENT	04.13.2026

CONSULTANT:

B

Budlong

An MBE|SBE|DBE|LBSBE Firm
Glendale|Downtown LA|Fremont|Camarillo
W W W : B U D L O N G . C O M
Job No. 24-335

FACILITY:

4921 Cedar Ave
El Monte, CA 91732

PROJECT:
EMUSD ARROYO HS - INTERIM HOUSING

SHEET NAME:
ELECTRICAL ENLARGED POWER PLAN - PORTABLES

100% DESIGN DEVELOPMENT

DATE: 04/13/26 CLIENT PROJ NO: 3361-008-101

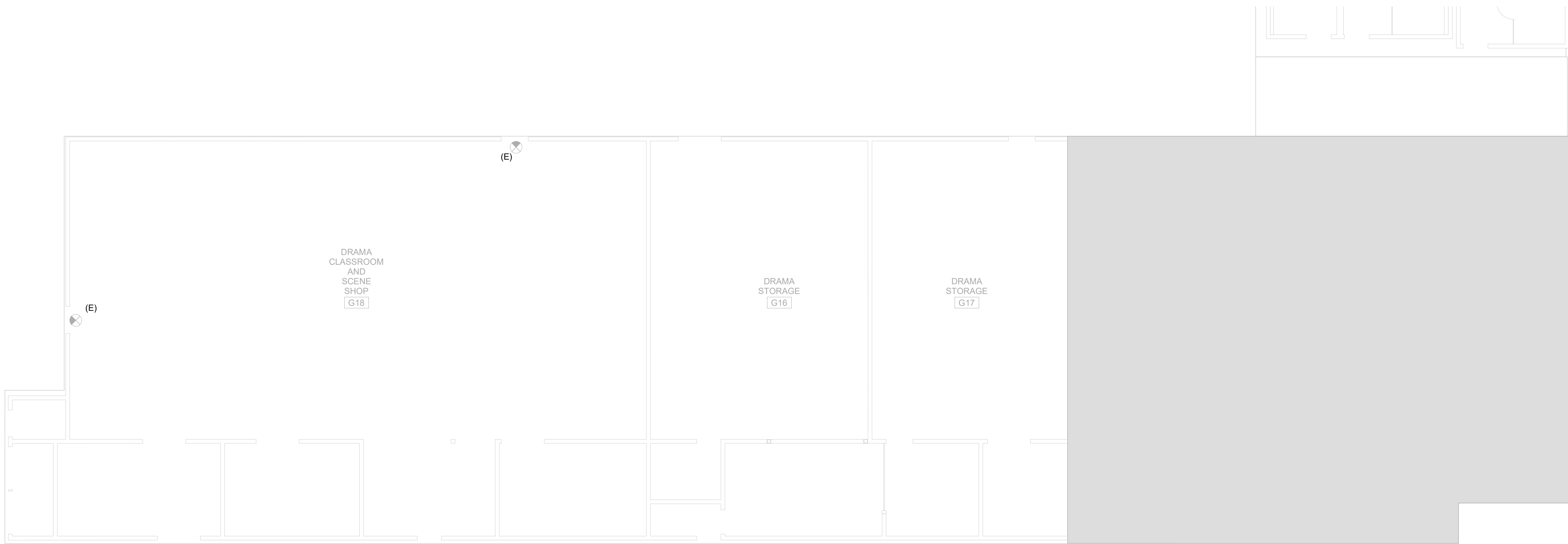
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ELECTRICAL ENLARGED LIGHTING PLAN BUILDING G1

1

1/8" = 1'-0"

GENERAL NOTES

- A. LOW VOLTAGE SYSTEM FOR LANDSCAPE LIGHTING SHALL NOT EXCEED 30 VOLTS DC PER NEC SECTION 411.1.
- B. LIGHT FIXTURES, JUNCTION BOXES, TRANSFORMERS AND WIRING ARE SHOWN IN APPROXIMATE LOCATIONS. CONTRACTOR SHALL FIELD VERIFY ACTUAL PLACEMENT OF EACH LOCATION WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- C. ALL LIGHTING FIXTURES AND TRANSFORMERS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN COMPLIANCE WITH THE CALIFORNIA/NATIONAL ELECTRICAL CODE (LATEST EDITION) AND ALL LOCAL BUILDING SAFETY CODE AND ORDINANCES.
- D. REFER TO CIVIL, LANDSCAPE AND ARCHITECTURAL FOR WATER PROOFING DETAILS.
- E. OUTDOOR LUMINAIRES AND ASSOCIATED EQUIPMENT CAN BE SUPPORTED BY TREES [NEC/CEC 410.36(G)].
- F. VEGETATION (SUCH AS TREES) SHALL NOT BE USED TO SUPPORT OVERHEAD CONDUCTORS SPANS [NEC/CEC 225.26].
- G. DIRECT BURIED CONDUCTORS AND CABLES EMERGING FROM GRADE AND SPECIFIED IN COLUMNS 1 AND 4 OF TABLE 300.5 SHALL BE PROTECTED BY ENCLOSURES OR RACEWAYS THAT EXTEND FROM MINIMUM COVER DISTANCE BELOW REQUIRED BY 300.5(A) TO A POINT 8 FT. (2.5 M) OR MORE ABOVE FINISHED GRADE.



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El Monte, CA 91732

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SHEET NAME:
ELECTRICAL ENLARGED LIGHTING PLAN - BUILDING
G1

100% DESIGN DEVELOPMENT

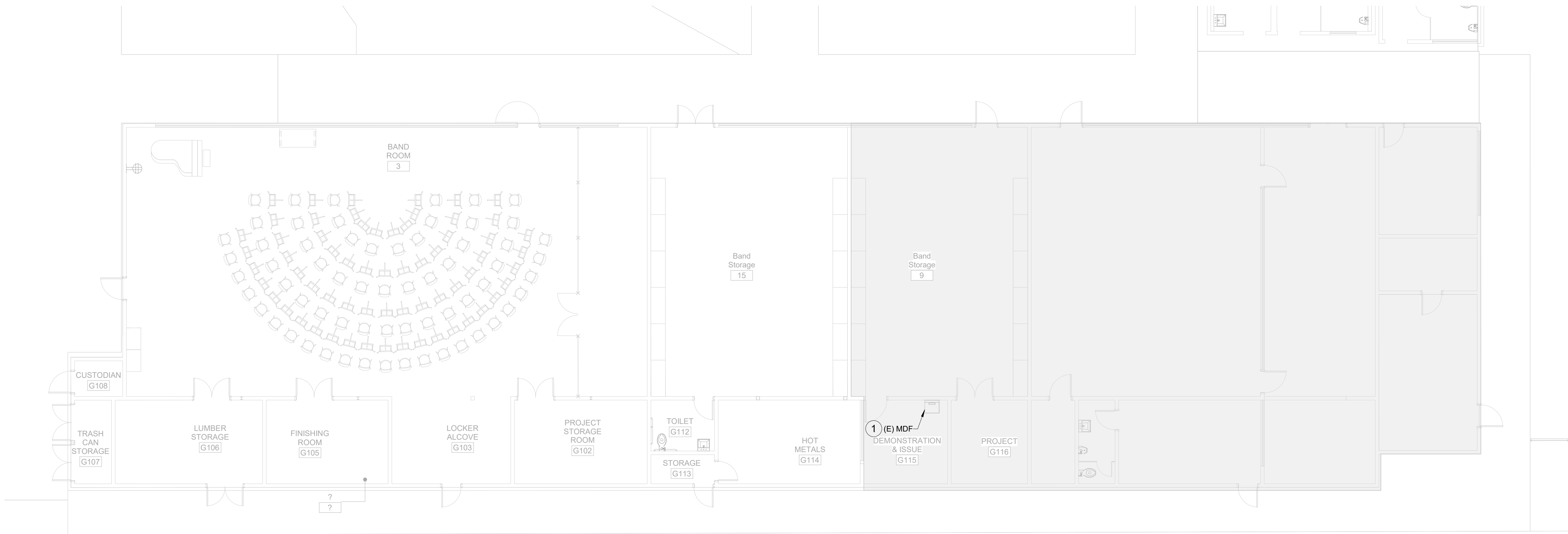
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LOW VOLTAGE ENLARGED PLAN BUILDING G1

1

1/8" = 1'-0"

GENERAL NOTES

- A. DEVICE LOCATIONS SHALL BE COORDINATED AND VERIFIED WITH OWNER PRIOR TO INSTALLATION. DEVICES SHOWN ARE FOR REFERENCE ONLY AND ARE NOT TO BE REFLECTED AS FINAL LOCATIONS.
- B. IT SHALL BE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE HIMSELF PROJECT REQUIREMENTS AND IDENTIFY AND ADDRESS ANY DISCREPANCIES IN A TIMELY MANNER IN ORDER TO AVOID ADDED COST. WHERE THESE ARE NOT BROUGHT TO OWNERS ATTENTION, CONTRACTOR MUST PROVIDE AS PART OF SCOPE.
- C. PROVIDE CABLING FOR DEVICES AND EQUIPMENT AS REQUIRED PER MANUFACTURES SPECIFICATIONS. SPECIFICATIONS PROVIDED HERE-IN ARE FOR GENERAL REQUIREMENTS FOR EACH SYSTEM.

CONSTRUCTION KEYNOTES

- 1 EXISTING MDF CABINET TO REMAIN IN PLACE.



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LOW VOLTAGE ENLARGED PLAN - BUILDING G1

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LOW VOLTAGE ENLARGED PLAN BUILDING B

1

1/8" = 1'-0"

GENERAL NOTES

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CONSTRUCTION KEYNOTES

- 1 EXISTING WIREMOLD WITH DATA OUTLET TO REMAIN.
- 2 EXISTING IDF CABINET TO REMAIN IN PLACE.



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Job No. 24-335

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LOW VOLTAGE ENLARGED PLAN PORTABLES

1

1/8" = 1'-0"

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SHEET NAME:
LOW VOLTAGE ENLARGED PLAN - PORTABLES

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