

ABBREVIATIONS			
A	AMPERE (AMP)	JB	JUNCTION BOX
AAF	ABOVE ACCESS FLOOR	KV	KILOVOLT
ABF	AIRBLAWN FIBER	KVA	KILOVOLT AMP
AC	ABOVE COUNTER (3" ABOVE BACKSPLASH)	KVAR	KILOVOLT AMPS REACTIVE
AFF	ABOVE FINISHED FLOOR	KW	KILOWATT
AHJ	AUTHORITY HAVING JURISDICTION	KWH	KILOWATT HOUR
AIC	AMPS INTERRUPTING CURRENT	LEC	LOCAL EXCHANGE CARRIER
ALT	ALTERNATE	LED	LIGHT EMITTING DIODE
AN	ANALOG	LV	LOW VOLTAGE
ARCH	ARCHITECT / ARCHITECTURAL	MCA	MINIMUM CIRCUIT AMPS
ARM	ARMORED	MCB	MAIN CIRCUIT BREAKER
ATS	AUTOMATIC TRANSFER SWITCH	MCC	MOTOR CONTROL CENTER
AV	AUDIO VISUAL	MDF	MAIN DISTRIBUTION FRAME
AVC	AUDIO VISUAL CONTRACTOR	MDP	MAIN DISTRIBUTION PANEL
BC	BONDING CONDUCTOR	MECH	MECHANICAL
BDF	BUILDING DISTRIBUTION FRAME	MH	MAINTENANCE HOLE
BMS	BUILDING MANAGEMENT SYSTEM	MHz	MEGAHERTZ
BOC	BOTTOM OF CONDUIT	MLO	MAIN LUGS ONLY
BOCT	BOTTOM OF CABLE TRAY	MTS	MANUAL TRANSFER SWITCH
C	CONDUIT	NAC	NOTIFICATION APPLIANCE CIRCUIT (FA)
CATV	(CABLE TV) COMMUNITY ACCESS TELEVISION	NIC	NOT IN CONTRACT
CB	CIRCUIT BREAKER	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OC TV	CLOSED CIRCUIT TELEVISION	OFE	OWNER FURNISHED EQUIPMENT
CF	CELLULAR FLOOR	OFOI	OWNER FURNISHED, OWNER INSTALLED
CKT	CIRCUIT	OSP	OUTSIDE PLANT
CLG	CEILING	PA	PUBLIC ADDRESS
CO	CENTRAL OFFICE	PB	PULL BOX
CPE	CUSTOMER UNIVERSAL ENCLOSURE	PE	PHOTOELECTRIC
CT	CURRENT TRANSFORMER	PF	POWER FACTOR
CJ	COPPER	PMV	PROJECT MANAGER VERIFICATION
CUE	CONCRETE UNIVERSAL ENCLOSURE	PNL	PANELBOARD
DAS	DISTRIBUTED ANTENNA SYSTEM	PON	PASSIVE OPTICAL NETWORK
dB	DECIBEL	PVC	POLYVINYL CHLORIDE CONDUIT
DB	DUCT BANK	PWR	POWER
DML	DOUBLE MAIN LUGS	R/W	RIGHT OF WAY
DN	DOWN	RAD	RADIUS
EQ	EQUAL DISTANT	RG	RADIO GRADE
EC	ELECTRICAL CONTRACTOR	SAA	SECURITY ALARM ANNUNCIATOR
EF	ENTRANCE FACILITY	SACP	SECURITY ACCESS CONTROL PANEL
EM	EMERGENCY	SDP	SUBDISTRIBUTION PANEL
EMC	ELECTROMAGNETIC COMPATIBILITY	SPD	SURGE PROTECTION DEVICE
EMI	ELECTROMAGNETIC INTERFERER	ST	SHUNT TRIP
EMT	ELECTRIC METALLIC TUBING	STS	STATIC TRANSFER SWITCH
EPO	EMERGENCY POWER OFF	SW	SWITCH
EP	ENTRANCE POINT	TBB	TELECOM BONDING BACKBONE
EP	EXPLOSION PROOF	TBC	TELECOM BONDING CONDUCTOR
ER	EMERGENCY RELEASE	TBD	TO BE DETERMINED
ERRCS	EMERGENCY RESPONDER RADIO COMMUNICATION SYSTEM	TE	TELECOM ENCLOSURE
FA	FIRE ALARM	TGB	TELECOM GROUNDING BUSBAR
FAA	FIRE ALARM ANNUNCIATOR	THRU LUGS	
FACP	FIRE ALARM CONTROL PANEL	TMGB	TELECOM MAIN GROUNDING BUSBAR
FLA	FULL LOAD AMPS	TO	TELECOM OUTLET
FO	FIBER OPTIC	TP	TAMPERPROOF
FSD	FIRE SMOKE DAMPER	TR	TELECOM ROOM
GC	GENERAL CONTRACTOR	TB	TELEPHONE TERMINAL BOARD
GFI	GROUND FAULT INTERRUPTER	TTC	TELEPHONE TERMINAL CABINET
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TV	TELEVISION / DIGITAL DISPLAY
GHz	GIGAHERTZ	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
GND	GROUND	TYP	TYPICAL
GRC	GALVANIZED RIGID CONDUIT	UC	UNDER COUNTER
GRD	GROUND	UG	UNDERGROUND
GRS	GALVANIZED RIGID STEEL CONDUIT	UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY	V	VOLTAGE
HH	HANDHOLE	VA	VOLT AMPERES
HP	HORSEPOWER	VAPORPROOF	
HPS	HIGH PRESSURE SODIUM	W	WATTS
HV	HIGH VOLTAGE	WAO	WORK AREA OUTLET
HZ	HERTZ	WAP	WIRELESS ACCESS POINT
IBC	INTERNATIONAL BUILDING CODE	WP	WEATHERPROOF
IDF	INTERMEDIATE DISTRIBUTION FRAME	XFMR	TRANSFORMER
IG	ISOLATE GROUND	XFMR	TRANSFORMER SWITCH
IR	INTERRUPTING RATING		

NOTE	
THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.	

WORK RESPONSIBILITY	
ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT, DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.	

GENERAL SYMBOLS		
XXXX	123	EQUIPMENT DESIGNATOR SEE SCHEDULE.
E		EXISTING TO REMAIN
X		EXISTING TO BE REMOVED
R		EXISTING TO BE RELOCATED
N		NEW
#		KEYNOTE

SYMBOLS	
POWER	
	WALL RECEPTACLE: DUPLEX, QUAD
	HALF OF ALL WALL RECEPTACLES SWITCHED: DUPLEX, QUADPLEX
	ALL WALL RECEPTACLES SWITCHED: DUPLEX, QUADPLEX
	FLOOR RECEPTACLE: DUPLEX, QUADPLEX
	CEILING RECEPTACLE: DUPLEX, QUAD
	WALL RECEPTACLE: MOUNTING HEIGHT
	SPECIAL RECEPTACLE: WALL
	JUNCTION BOX: WALL, FLOOR, CEILING
	FLUSH IN-FLOOR POKE THROUGH DEVICE: POWER, DATA OR AV, OR COMBO N=# OF DATA PORTS, TYP 2
	SURFACE OUTLET STRIP: DIMENSIONS AS SHOWN
	DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER
	MOTOR STARTER: MAGNETIC, COMBINATION
	MOTOR CONNECTION
	PANEL & CIRCUIT NUMBER
	RECEPTACLE ON DROP CORD
	PUSHBUTTON: WALL
	ADA DOOR ASSIST BUTTON: WALL
	WIRE CONCEALED IN FLOOR OR UNDERGROUND
	RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION
	CONDUIT ELL: UP, DN
	ELECTRICAL DUCT BANK GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER, BOND TO LOCAL CIRCUIT GROUND CONDUCTOR
	MOTOR OVERLOAD SWITCH
	ELECTRICAL DISTRIBUTION CABINET
	ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED
	ELECTRICAL TRANSFORMER
LIGHTING	
	PHOTOCELL: CEILING, WALL MOUNTED
	DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, ULTRASONIC
	DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED
	HA = LUMINAIRE TYPE DESIGNATION, 1 = CIRCUIT NUMBER SINGLE GANG, STRAP MOUNTED CONTROL STATION. LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY LOW VOLTAGE DIMMER / PRESET CONTROL: D TIMER SWITCH: T
SECURITY	
	CARD KEY READER STATION (4" SQ. BOX W/SINGLE-GANG RING MOUNT TOP OF READER AT 48" AFF/AFG (BY SECURITY CONTRACTOR) EMERGENCY RELEASE STATION
	VIDEO INTERCOM (AIPHONE): STATION, MASTER
	MOTION DETECTOR: WALL, CEILING
	DOOR CONTACT (POSITION) SWITCH (BY SECURITY CONTRACTOR)
	DOOR OPERATOR/ADA RELEASE BUTTON
	PUSH BUTTON: P= PANIC
	ELECTRIC LOCK CONNECTION
	REQUEST TO EXIT SENSOR (BY SECURITY CONTRACTOR)
	ELECTRIC DOOR CONTACT
	CAMERA: CCTV FIXED, PAN-TILT-ZOOM, 360°
	DOOR RELEASE PANEL
	LATCH RETRACTION EXIT DEVICE (BY DOOR HARDWARE)
	ELECTRIC STRIKE (BY DOOR HARDWARE)
	REQUEST TO EXIT SWITCH IN EXIT DEVICE (BY DOOR HARDWARE)
	ELECTRONIC POWER TRANSFER (EPT) (BY DOOR HARDWARE)

SYMBOLS	
TELECOMMUNICATIONS	
	DATA OUTLET: WALL, CEILING, FLOOR
	DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.)
	DATA OUTLET: MOUNTING HEIGHT
	DATA OUTLET: WALL PHONE (x1 CABLE/JACK)
	SYSTEM WALL CLOCK: STANDARD, IP
	WIRELESS ACCESS POINT: WALL, CEILING
	ANALOG SPEAKER: WALL, CEILING
	IP SPEAKER: WALL, CEILING
	SPEAKER-HORN: WALL, CEILING
	PULL CORD
	DOME LIGHT: WALL, CEILING
	2-WAY COMM STATION
	2-WAY MASTER
	2-WAY COMM POWER SUPPLY
	REMOTE PAGING MICROPHONE PANEL
	WIRELESS DURESS RECEIVER (RATH)
TELECOM PATHWAYS	
	CONDUIT
	UNDERGROUND CONDUIT
	AERIAL
	SPLICE
	MAINTENANCE HOLE
	VAULT (SUBSCRIPT +/-)
	POLES
	RACK (2 POST)
	CABINET: SURFACE, RECESSED
	PULL BOX
	TELECOM UNDERGROUND VAULT
	CABLE PATHWAY FIRESTOPPING DEVICE
	CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS
	PRIMARY BONDING BUSBAR / SECONDARY BONDING BUSBAR
	TELEPHONE BACKBOARD.
ONE-LINE SYMBOLS	
	CONDUCTORS & CONDUIT
	CONDUCTORS & CONDUIT TO BE REMOVED
	CIRCUIT BREAKER, MOLDED CASE SWITCH
	BUS
	ATS
	METER
	PANEL
	MAIN GROUNDING BAR
	CONNECTION TO GROUND
	TRANSFORMER

GENERAL NOTES	
A.	WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT DIMENSIONS.
B.	EXACT LOCATIONS OF FLUSH FLOOR BOXES AND FLUSH FLOOR POWER RECEPTACLES SHALL BE AS DIRECTED BY ARCHITECTURAL SPECIFICATIONS & DRAWINGS.
C.	POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS. AV SYSTEMS TO BE FED FROM BUILDING SUPPORT UPS.
D.	FOR TELECOM OUTLETS WITH 1-5 CABLES, PROVIDE 1" C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED.
E.	FOR TELECOM OUTLETS WITH 6-10 CABLES, PROVIDE TWO (2) 1" C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED.
F.	ALL CONDUIT ROUTED UNDER A DRIVABLE SURFACE SHALL BE SCHEDULE 80 PVC.
G.	ALL EXIT SIGNS MUST BE LED, GREEN LETTERING AND POWERED ON 24/7/365 AND UNSWITCHED.
H.	ALL RECEPTACLES SHALL BE TAMPER RESISTANT.
I.	PHASE 1: BID SET: PROVIDE ALL SITE AND EXTERIOR BUILDING ROUGH-IN, ELECTRICAL UTILITY INFRASTRUCTURE, EXTERIOR SITE LIGHTING, (P01) LUMINAIRES CIRCUITING, TERMINATIONS, LIGHTING CONTROLS PER WAC ENERGY CODE VIA TEMPORARY SERVICE. PROVIDE JUNCTION BOXES (NEMA 3X) IN EXTERIOR WALL AND UNDER OF ROOF AT THE COVERED WORK AREA FOR FUTURE LIGHTING (LUMINAIRES TO BE PROVIDED IN PHASE 2). PROVIDE CONDUIT STUB-UPS AND CAP AT ROOF FOR FUTURE PV SYSTEM.
J.	PHASE 2: REFERENCE SET: PROVIDE ALL SITE AND INTERIOR/EXTERIOR BUILDING CIRCUITING, TERMINATIONS, FEEDER CONDUCTORS, DEVICE, EQUIPMENT AS SHOWN IN DRAWINGS. PHASE 2 WILL NOT BE BID. (NOT IN SCOPE).

SYMBOLS	
FIRE ALARM	
	FIRE ALARM ADDRESSABLE MANUAL PULL STATION
	FIRE ALARM SPEAKER: WALL MOUNTED, CEILING MOUNTED
	FIRE ALARM STROBE: WALL MOUNTED, CEILING MOUNTED
	FIRE ALARM HORN/STROBE: WALL / CEILING
	FIRE ALARM SPEAKER/STROBE: WALL / CEILING
	FIRE ALARM BELL: AUDIBLE ALARM, WALL MOUNTED
	ADDRESSABLE FIRE ALARM SMOKE DETECTOR: CEILING MOUNTED
	PHOTO ELECTRIC SMOKE DETC/CO SENSOR W/ LOW FREQ. SOUNDER BASE
	PHOTO ELECTRIC SMOKE DET/CO SENSOR W/ INTELLIGENT SOUNDER BASE
	FIRE ALARM BEAM SMOKE DETECTOR: CEILING MOUNTED
	FIRE ALARM ZONE ADDRESSABLE MODULE: WALL MOUNTED
	FIRE ALARM HEAT DETECTOR: CEILING MOUNTED
	DUCT SAMPLING TUBE MOUNTED, ADDRESSABLE FIRE ALARM SYSTEM SMOKE DETECTOR. SUPPLIED, WIRED AND PROGRAMMED BY DIVISION 28. DUCT SAMPLING TUBE PLACED AND MOUNTED IN DUCT BY DIVISION 23. DIVISION 28 TO PROVIDE CEILING MOUNTED VISUAL LED SMOKE DETECTOR STATUS LIGHT FOR EACH ADDRESSABLE DUCT SAMPLING TUBE MOUNTED, FIRE ALARM SMOKE DETECTOR. LOCATE IN CLOSE PROXIMITY TO ADDRESSABLE DUCT SAMPLING TUBE MOUNTED, FIRE ALARM SMOKE DETECTOR. FIRE SMOKE DAMPER CONTROL IS VIA AN ADDRESSABLE FIRE ALARM REMOTE OUTPUT RELAY. FIRE ALARM REMOTE OUTPUT RELAY IS PROVIDED BY DIVISION 28. FIRE ALARM REMOTE OUTPUT RELAY PROGRAMMED BY DIVISION 28 AS DIRECTED BY DIVISION 23. DIVISION 28 CONNECTS FIRE SMOKE DAMPER POWER VIA ADDRESSABLE FIRE ALARM REMOTE OUTPUT RELAY.
	FIRE SPRINKLER SYSTEM: FIRE ALARM VALVE POSITION TAMPER SWITCH. FIRE ALARM FIRE SPRINKLER WATER FLOW SWITCH, FIRE ALARM FIRE SPRINKLER WATER PRESSURE
	FIRE SMOKE DAMPER: FIRE SMOKE DAMPER IS PROVIDED AND INSTALLED BY DIVISION 23. FIRE SMOKE DAMPER POSITIONING MOTOR POWER CONNECTION IS BY DIVISION 26. POWER IS CONTROLLED VIA FIRE ALARM SYSTEM ADDRESSABLE OUTPUT RELAY.
	FIRE ALARM CONTROL PANEL: PROVIDED BY DIVISION 28. FIRE ALARM SYSTEM CONNECTIONS BY DIVISION 28. FIRE ALARM SYSTEM PROGRAMMED BY DIVISION 28. GENERATOR STANDBY POWER ENERGIZATION AND CONNECTION BY DIVISION 26.
	SPRINKLER CONTROL MODULE
	FIRE ALARM ANNUNCIATOR
	ADDRESSABLE RELAY MODULE
	NOTIFICATION POWER SUPPLY
	EVAC AMPLIFIER
	ELEVATOR CONTROL MODULE
	ADDRESSABLE CONTROL MODULE

REFERENCE INDEX - ELECTRICAL		
E0.02	ELECTRICAL LEGEND & ABBREVIATIONS	REFERENCE SET - PHASE 2
E1.10	FIRST FLOOR PLAN - POWER	REFERENCE SET - PHASE 2
E2.00	SECOND FLOOR PLAN - POWER	REFERENCE SET - PHASE 2
E3.00	ELECTRICAL DETAILS	REFERENCE SET - PHASE 2
E3.10	ELECTRICAL DETAILS	REFERENCE SET - PHASE 2
E4.10	ONE- LINE DIAGRAM	REFERENCE SET - PHASE 2
E5.00	PANEL SCHEDULES	REFERENCE SET - PHASE 2
E5.01	PANEL SCHEDULES	REFERENCE SET - PHASE 2
E5.02	MECHANICAL EQUIPEMNT SCHEDULES	REFERENCE SET - PHASE 2
F1.10	FIRST FLOOR PLAN - FIRE ALARM	REFERENCE SET - PHASE 2
F2.00	SECOND FLOOR PLAN - FIRE ALARM	REFERENCE SET - PHASE 2
L0.20	LUMINAIRE SCHEDULE & CONTROLS MATRIX	REFERENCE SET - PHASE 2
L1.10	FIRST FLOOR PLAN - LIGHTING	REFERENCE SET - PHASE 2
L2.10	SECOND FLOOR PLAN - LIGHTING	REFERENCE SET - PHASE 2
L3.00	LIGHTING DETAILS	REFERENCE SET - PHASE 2
L3.10	LIGHTING DETAILS	REFERENCE SET - PHASE 2
T1.10	FIRST FLOOR PLAN - TELECOMM	REFERENCE SET - PHASE 2
T2.10	SECOND FLOOR PLAN - TELECOMM	REFERENCE SET - PHASE 2
T3.00	TELECOMM DETAILS	REFERENCE SET - PHASE 2
T3.10	TELECOMM DETAILS CONT.	REFERENCE SET - PHASE 2
T3.20	TELECOMM DETAILS CONT.	REFERENCE SET - PHASE 2



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FIRST FLOOR
PLAN - POWER

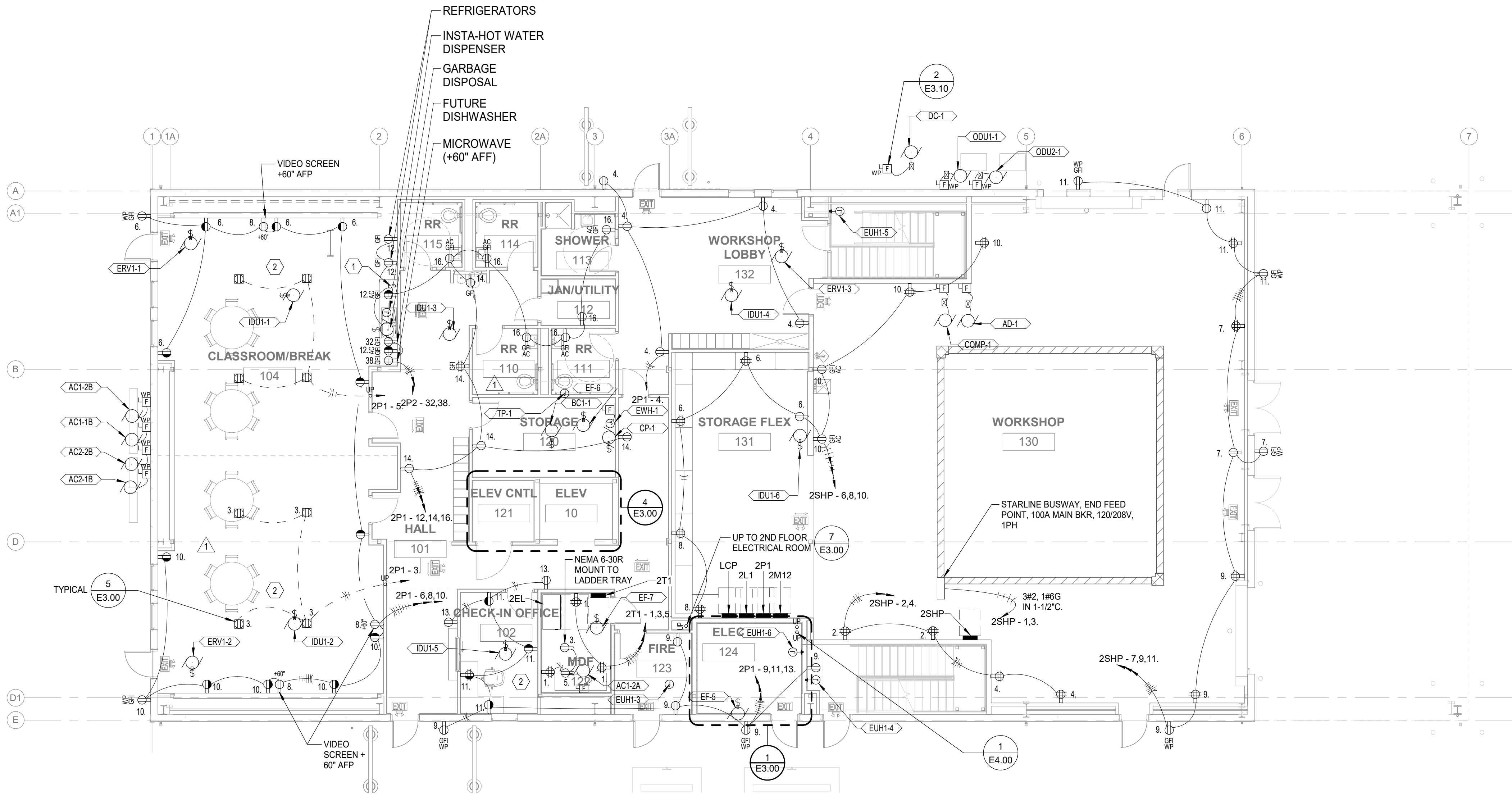
E1.10

GENERAL NOTES:

- SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND COMPONENT OPERATION REQUIREMENTS.
- REFER TO ARCHITECTURAL FOR LOCATIONS OF ALL ELECTRICAL, TELECOM AND LIGHTING FIXTURES. FINAL ARRANGEMENT IS TO BE COORDINATED VIA ROOM MOCK UP WITH DIRECTION BY ARCHITECT AND OWNERS REPRESENTATIVE.
- FOR ALL UNDERGROUND CONDUIT AND HANDHOLES, MAINTAIN A MINIMUM OF 1.5' OF SEPARATION FROM ALL GAS AND TELECOMMUNICATION LINES AND A MINIMUM OF 5' OF SEPARATION FROM ALL WATER, SEWER, AND STORM LINES. SEE CIVIL DRAWINGS.
- COMPLY WITH ALL ABOVE GROUND AND UNDERGROUND CLEARANCE REQUIREMENTS PER THE LATEST PSE ESR PRIOR TO TRENCHING. CONTRACTOR SHALL CONTACT UTILITY COMPANIES AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENTS OR REWORK OF ANY DAMAGED UTILITIES AND GROUNDING SYSTEMS.
- ALL CONDUIT SHALL BE A MINIMUM OF 5' FROM BASE OF TREE. COORDINATE FINAL CONDUIT PLACEMENT WITH LANDSCAPE CONSULTANT. ROOT BARRIERS SHALL BE PROVIDED AS DEEMED NECESSARY BY THE LANDSCAPE CONSULTANT.
- REFER TO LANDSCAPE, CIVIL, AND STRUCTURAL PLANS FOR ADDITIONAL REQUIREMENTS.
- ALL TRENCHING, VAULT EXCAVATION, SHORING, DEWATERING, BACKFILL, GRAVEL FOR VAULT BASES, AND RESTORATION SHALL BE PROVIDED BY THE CONTRACTOR.
- FIELD LOCATE UNDERGROUND PUBLIC AND OWNER UTILITIES OF ALL TRADES AND GROUNDING PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OR REWORK OF ANY DAMAGED UTILITIES AND GROUNDING SYSTEMS.
- BURIED CONDUIT COVER SHALL MEET OR EXCEED THE REQUIREMENTS OF NATIONAL ELECTRICAL CODE ARTICLE 300.5, TABLE 300.5(A), AND PSE STANDARDS.
- PROVIDE HANDHOLES FOR CONDUITS EXCEEDING 270" IN-BENDS, SEE DETAIL 1/E-501.
- REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ALL DEVICES NOT SHOWN CIRCUITED.

KEYED NOTES: #

- MOUNT SWITCH FROM GARBAGE DISPOSAL 3" ABOVE BACKSPLASH. PROVIDE ENGRAVED LABEL TO READ "GARBAGE DISPOSAL".
- PROVIDE 50% OF ALL RECEPTACLES TO BE CONTROLLED VIA OCCUPANCY / VACANCY SENSOR AND COMPATIBLE WITH LIGHTING CONTROL SYSTEM (UL LISTED) PER 2021 WAC ENERGY CODE AND 2019 ASHRAE 90.1.



1 FIRST FLOOR PLAN - POWER
E1.10 Scale: 1/8" = 1'-0"



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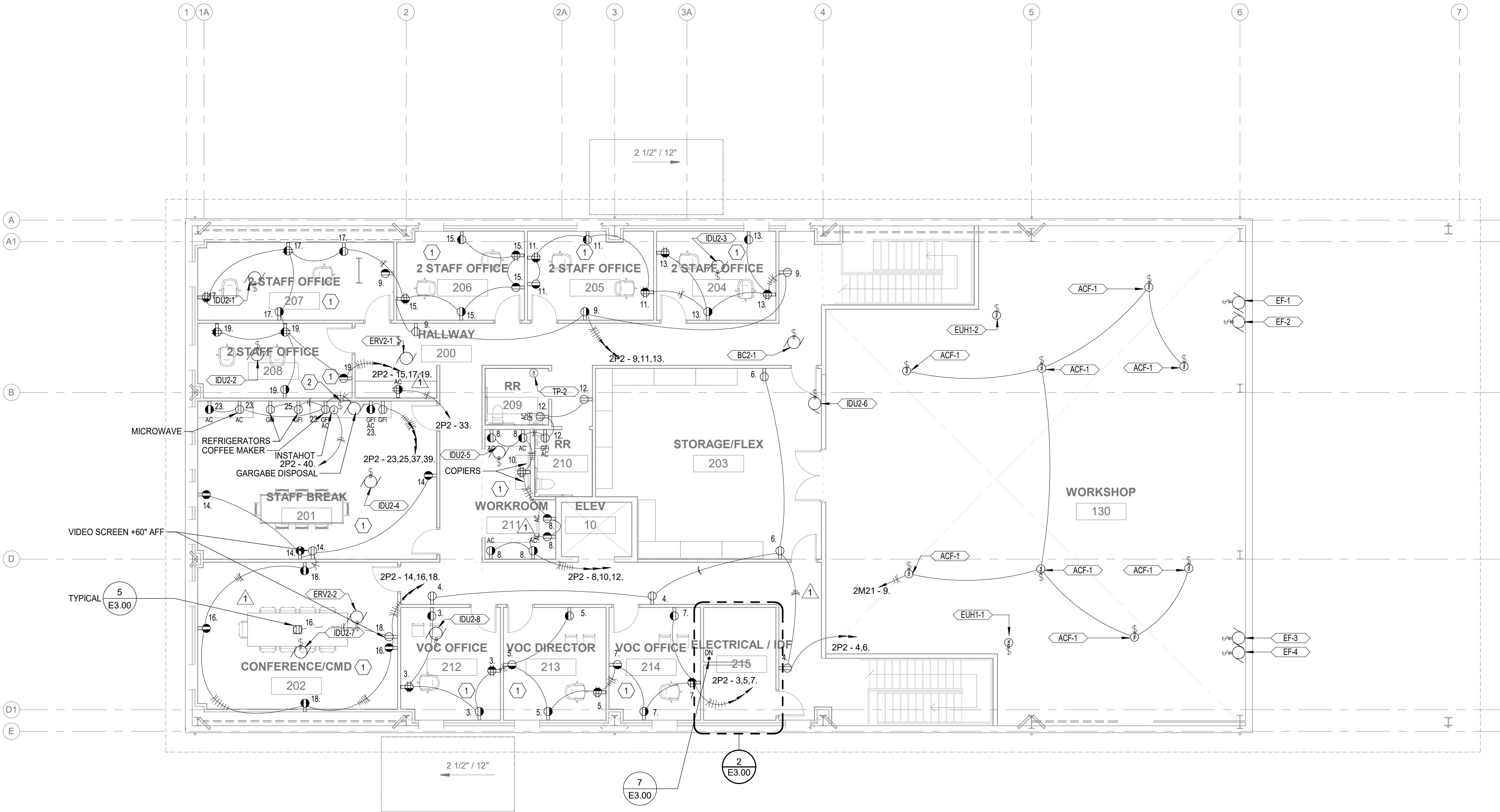
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2. MOUNT SWITCH FROM GARBAGE DISPOSAL 3" ABOVE BACKSPLASH. PROVIDE ENGRAVED LABEL TO READ "GARBAGE DISPOSAL".



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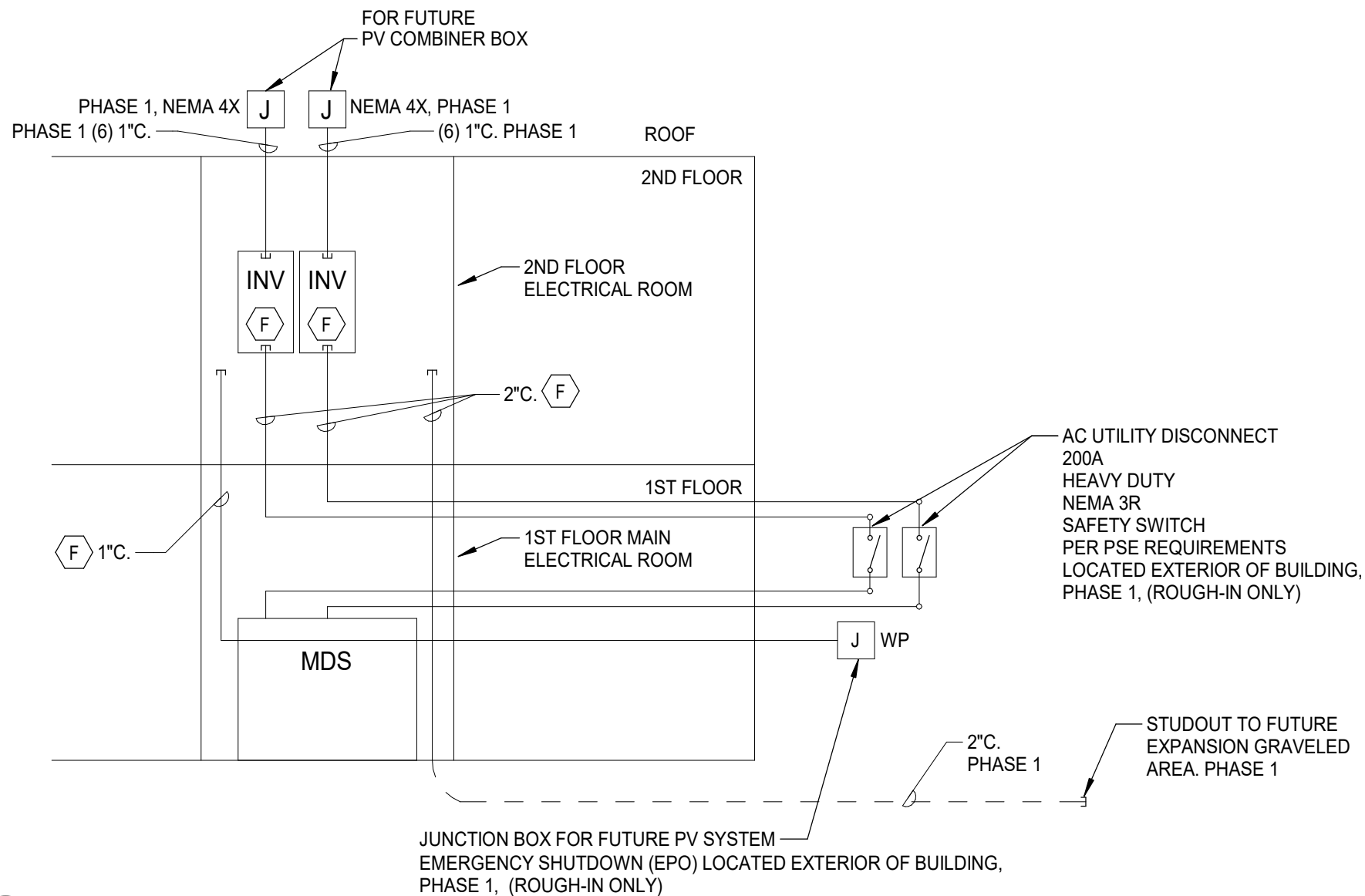
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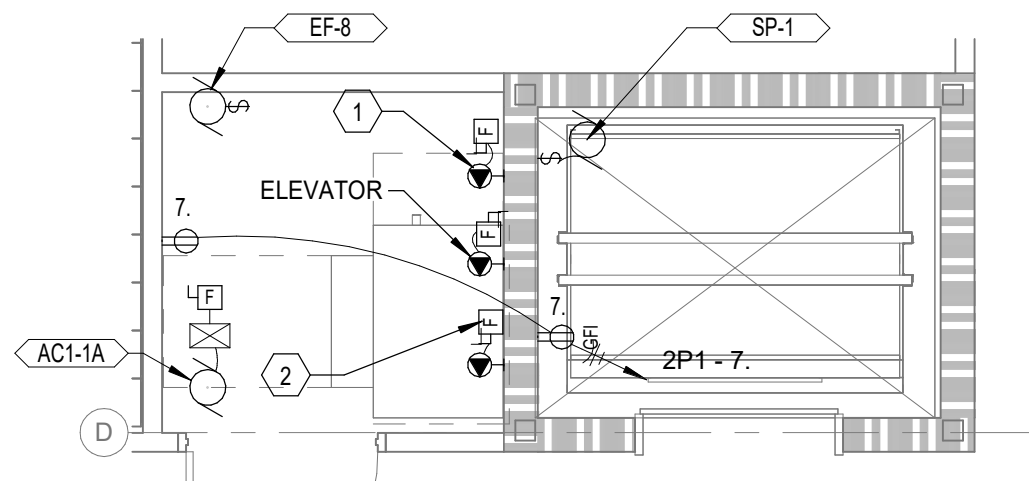


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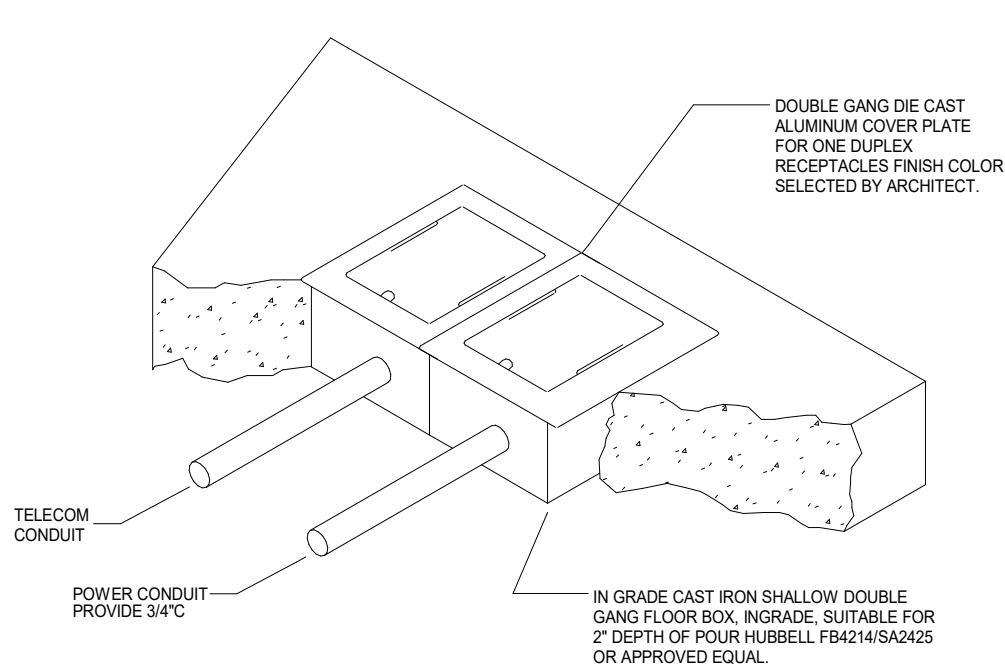
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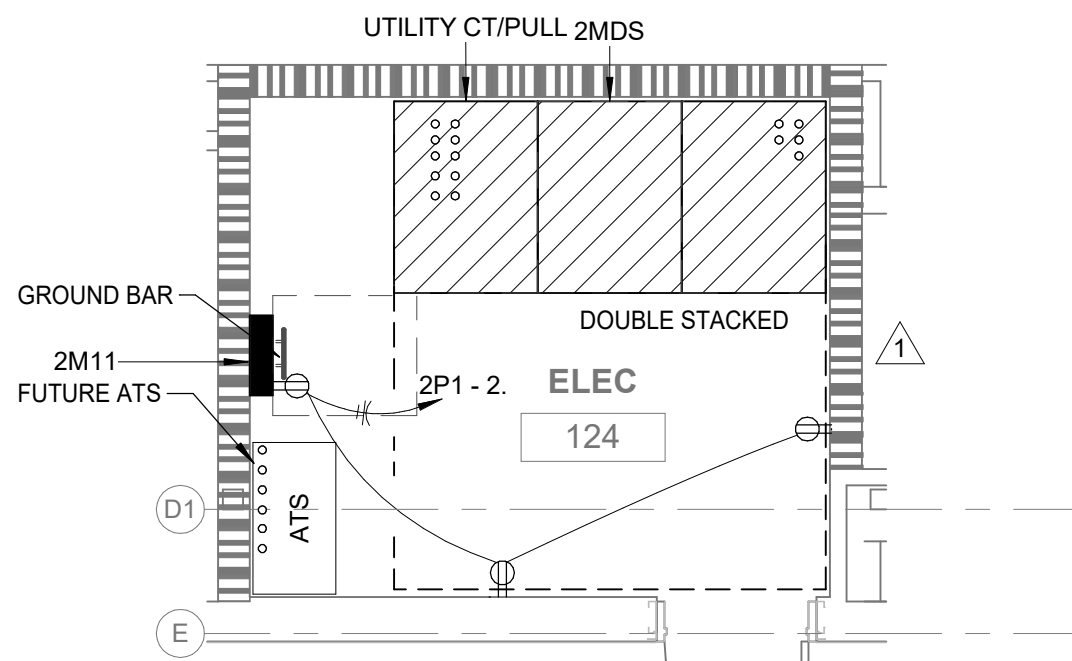
8 PV READY RISER DIAGRAM
E3.00 NOT TO SCALE



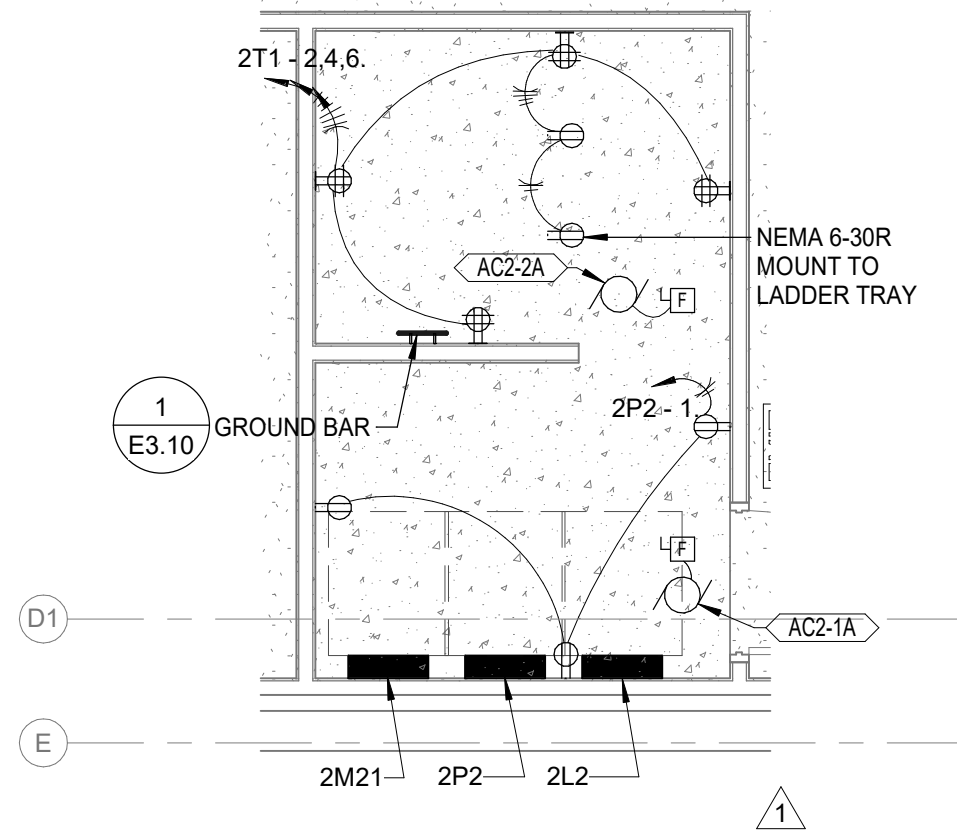
4 ENLARGED ELEVATOR PLAN - POWER
E3.00 Scale: 1/4" = 1'-0"



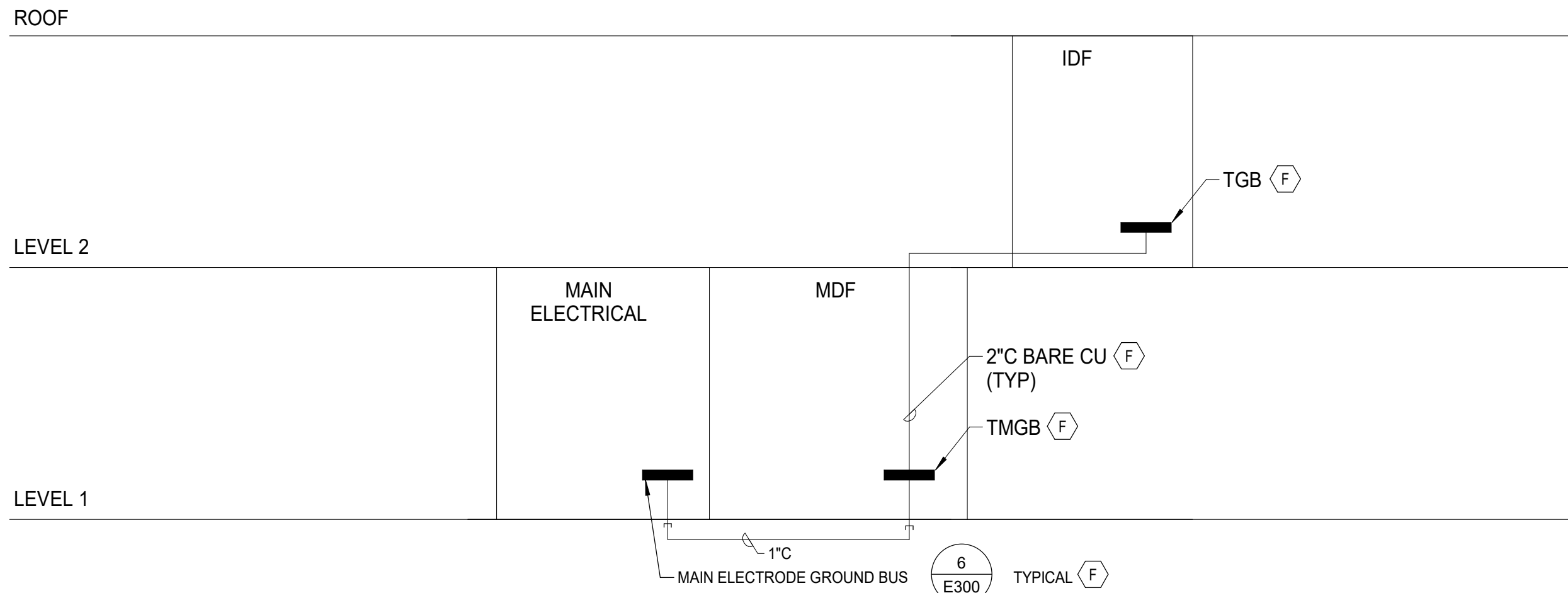
5 FLOOR BOX
E3.00 NOT TO SCALE



1 ENLARGED ELEC RM 13 - POWER
E3.00 Scale: 1/4" = 1'-0"



2 ENLARGED ELEC RM 46 - POWER
E3.00 Scale: 1/4" = 1'-0"

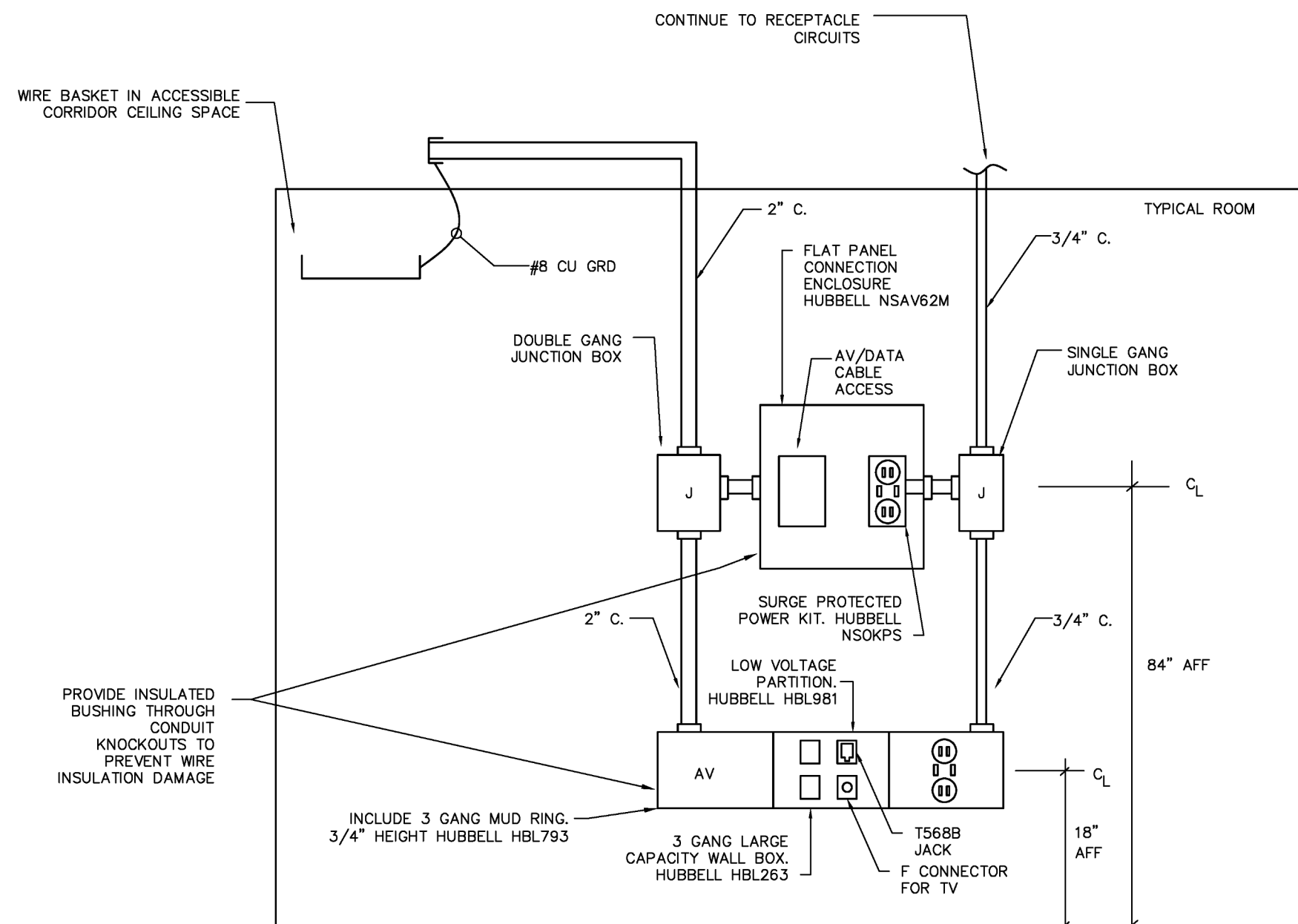


3 GROUNDING RISER DIAGRAM
E3.00 NOT TO SCALE

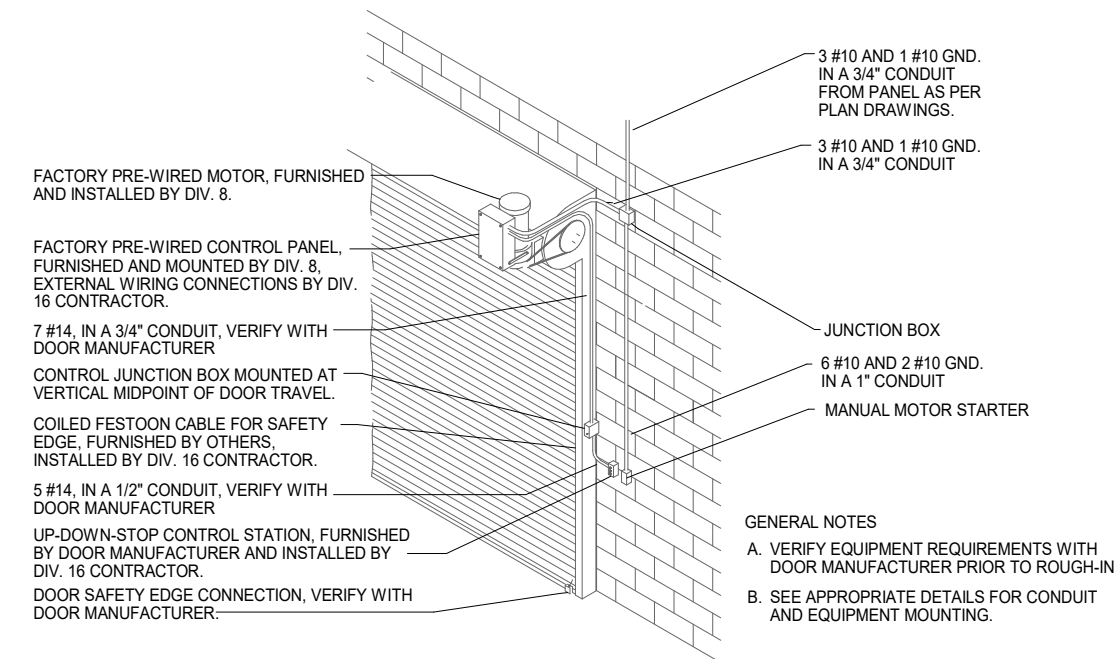
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E3.10



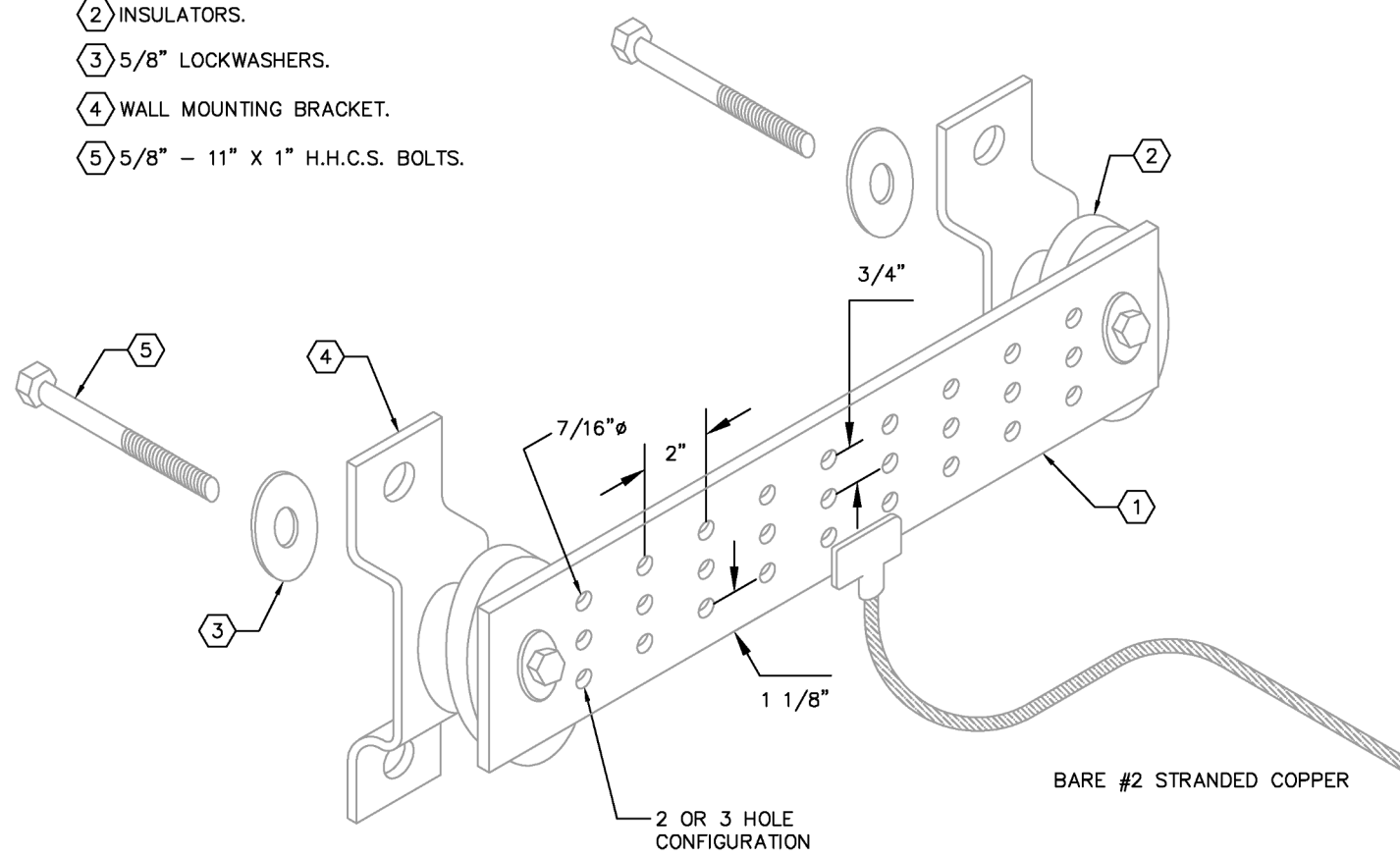
4 TYPICAL FLAT SCREEN ELEVATION DETAIL



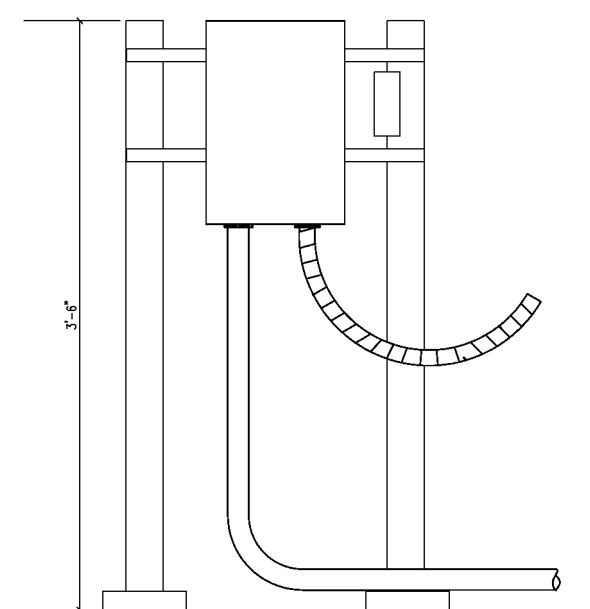
5 **ROLL UP DOOR**
E3.10 NOT TO SCALE

DETAIL NOTES

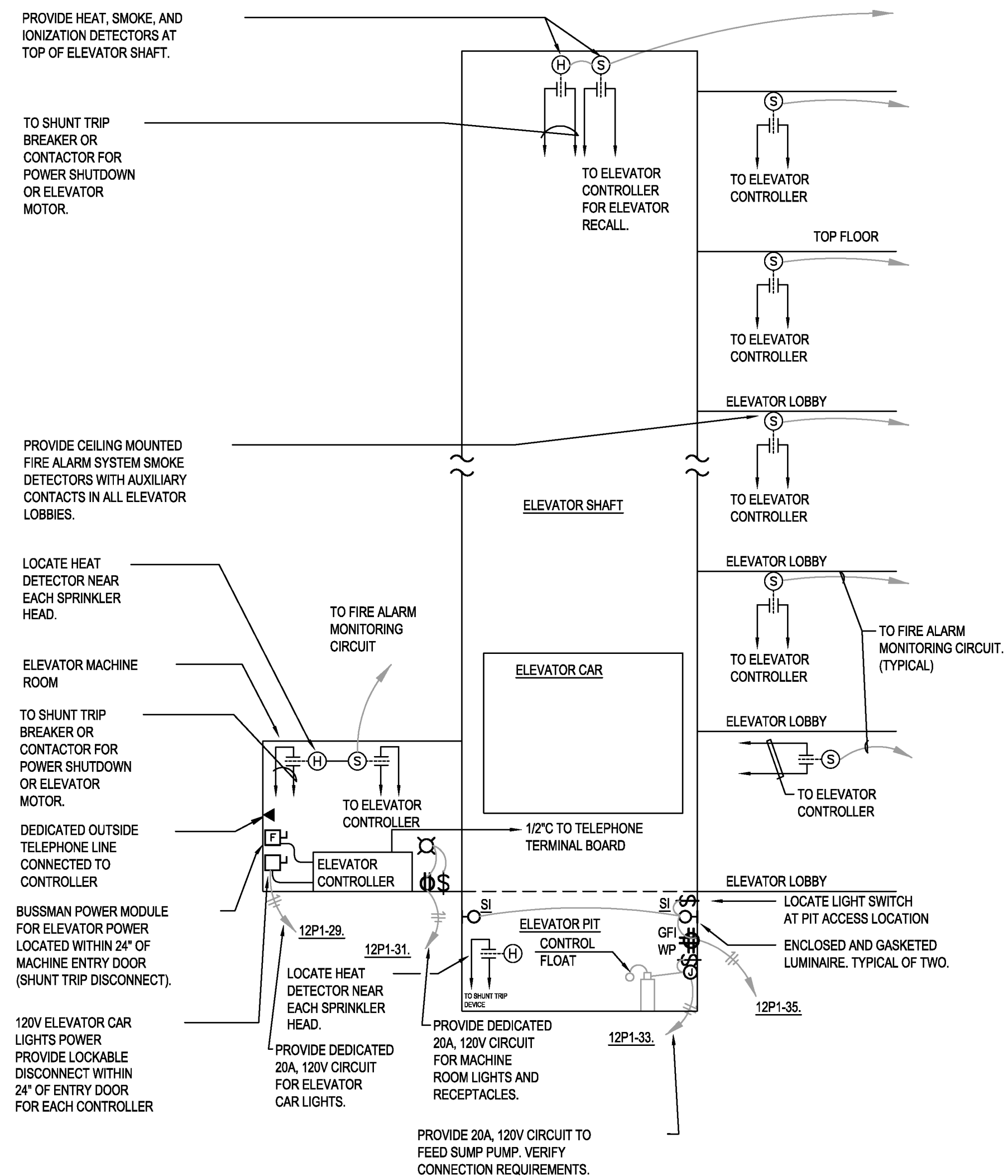
- 1 COPPER GROUND BAR, 1/4" X 4" X 10". HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
- 2 INSULATORS.
- 3 5/8" LOCKWASHERS.
- 4 WALL MOUNTING BRACKET.
- 5 5/8" - 11" X 1" H.H.C.S. BOLTS.



1 TYPICAL GROUND BAR
E3.10 NOT TO SCALE



2 DISCONNECT DETAIL
E3.10 NOT TO SCALE



NOTE: PROVIDE ALL REQUIRED RACEWAY AND BOXES FOR ELEVATOR CONTROL EQUIPMENT (PUSHBUTTON STATIONS, EMERGENCY CALL STATIONS, AUDIBLE/VISUAL NOTIFICATION DEVICES, ETC.). COORDINATE QUANTITIES AND LOCATIONS WITH ELEVATOR EQUIPMENT SUPPLIER AND ARCHITECT. CONCEAL ALL INTERCONNECTING CONDUIT. TYPICAL FOR BOTH ELEVATORS.

3 HYDRAULIC ELEVATOR ELECTRICAL DETAIL
E3.10 NOT TO SCALE

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FOR ELECTRICAL SYMBOLS LEGEND AND ABBREVIATIONS SEE DRAWINGS E-000.

B. ELECTRICAL SWITCH BOARDS, TRANSFORMERS, PANELS, AND ELECTRICAL EQUIPMENT SHALL BE RATED FOR THE LOCAL SEIZING ZONE RATING PER IBC, SEISMIC DESIGN CATEGORY C MINIMUM.

C. PROVIDE COORDINATION STUDY FOR LIFE SAFETY CIRCUITS PER NEC 700. COMPLY WITH NEC, STATE AND LOCAL CODES.

D. ALL PANEL, BOARDS SHALL BE PROVIDED LSI MAIN BREAKER, (2) 20A-1P BRANCH CIRCUIT BREAKERS, PANELS. ELECTRICAL EQUIPMENT AND OVER CURRENT DEVICES SHALL BE RATED FOR THE AVAILABLE CURRENT, UOIN.

E. PROVIDE ALL ELECTRICAL WORK BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF WASHINGTON.

F. PROVIDE COMPLETE CODE COMPLAINT ELECTRICAL CONNECTIONS TO ALL NEW MECHANICAL UNITS PER MECHANICAL DRAWINGS AND SPECIFICATIONS. PROVIDE NEW FUSED DISCONNECTS FOR ALL NEW MECHANICAL UNITS. OBTAIN MOTOR STARTERS FROM DIVISION 23 AND INSTALL COMPLETE AS REQUIRED. COORDINATE ALL WORK WITH DIVISION 23 CONTRACTOR.

G. PROVIDE MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT MOCIP, MCA, FLA INFORMATION AND ADDITIONAL ELECTRICAL REQUIREMENTS.

H. PROVIDE SPD IN ALL LIFE SAFETY PANELS.

I. ALL PANELS ARE BOLT-ON, COPPER BUSSES, FULL NEUTRAL BUS, DOOR IN DOOR CONSTRUCTION.

J. ALL FEEDERS SHALL BE COPPER CONDUCTORS WITH SEPARATE EQUIPMENT GROUND CONDUIT IN EACH FEEDER CONDUIT. PROVIDE PANEL/EQUIPMENT GROUND BUS AND TO PANEL/EQUIPMENT ENCLOSURE FOR A COMPLETE GROUNDING SYSTEM.

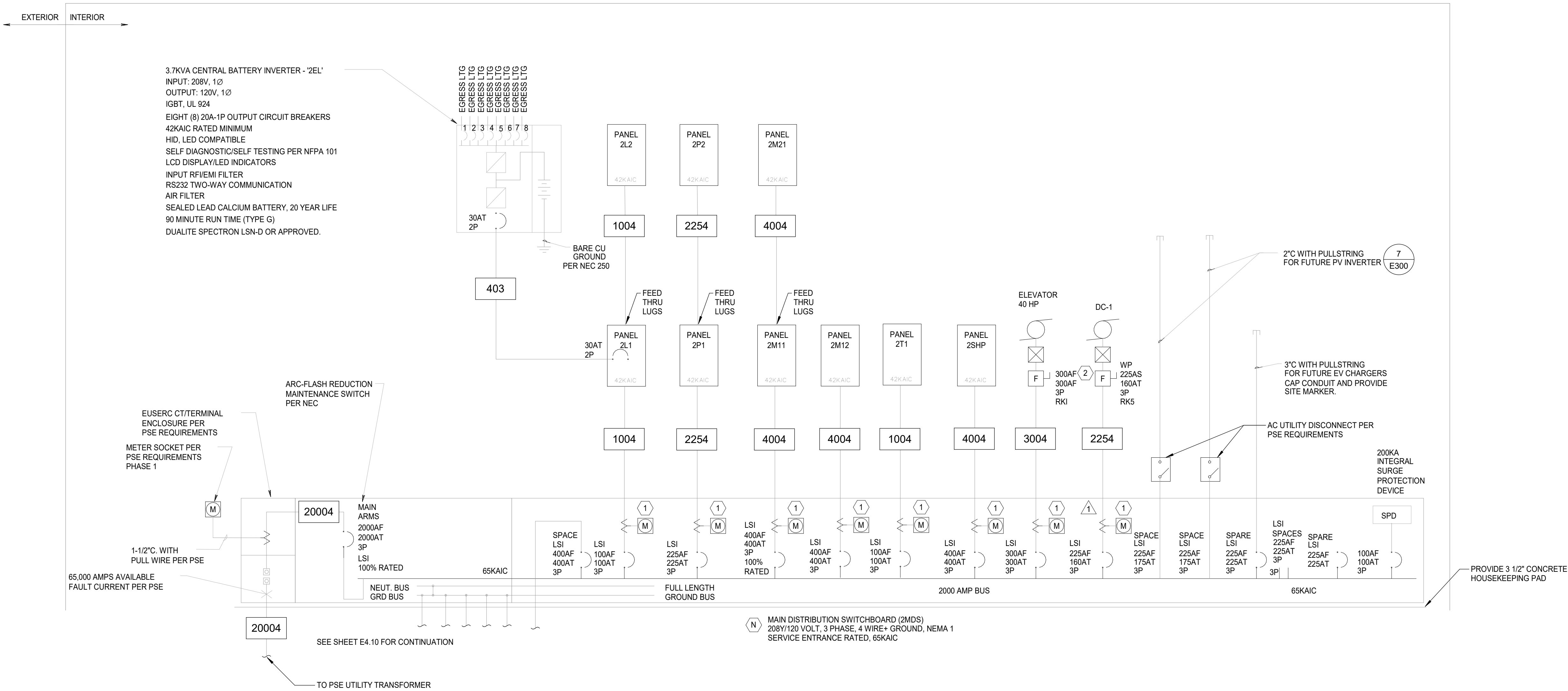
K. PROVIDE HANDLE TIES AND IDENTIFICATION OR MULTIPLE CIRCUITS IN A RACEWAY PER 2026 NEC 210-4 AND 240-15(B)(1).

L. COMPLY WITH 2026 NEC 408.4.

M. ALL CONDUIT BENDS SHALL BE RIGID GALVANIZED STEEL ELBOWS AND IN COMPLIANCE WITH PSE REQUIREMENTS. SUBMITTANT SHALL PROVIDE CONDUIT DRAWINGS OF SWITCHBOARDS AND C/TTERMINAL SECTIONS FOR REVIEW AND APPROVAL BY PSE PRIOR TO FABRICATION. SWITCHBOARD, C/TTERMINAL SECTIONS SHALL COMPLY WITH PSE AND PER "EUSERC" STANDARDS/REQUIREMENTS.

1. PROVIDE UL LISTED REMOTE DIGITAL POWER MONITORING METER COMPATIBLE WITH POWER DISTRIBUTION EQUIPMENT MANUFACTURER PER WASHINGTON ENERGY CODE AND ASHRAE 90.1 REQUIREMENTS.
2. PROVIDE BUSSMAN POWER MODULE FUSED SWITCH WITH SHUNT TRIP. MOUNT WITHIN 2'-0" FROM DOOR STRIKE.

Feeder Schedule	
Feeder Value	Feeder Size
403	3 #10 CU THWN-2, 1 #10 CU GND IN 3/4"C
1004	4 #2 CU THWN, 1 #8 CU GND IN 1 1/4"C
2000UP	ONE 4" PVC SCHEDULE 40 PER PSE REQUIREMENTS
2000US	8 SET OF 4" PVC SCHEDULE 40 PER PSE REQUIREMENTS
2254	4 4/0 CU THWN, 1 #4 CU GND IN 2 1/2"C
3004	4 2/0 CU THWN, 1 #6 CU GND IN 2"C
4004	4 500 KCMIL CU THWN, 1 #3 CU GND IN 4"C
20004	6 SETS OF: 4 500 KCMIL CU XHHW-2, 1 350 KCMIL CU XHHW-2 GND, IN 4" PVC SCHEDULE 40 AND (2) SPARE 4" PVC SCHEDULE 40



Switchboard: 2MDS											
Location: ELEC 124				Volts: 120/208 Wye				A.I.C. Rating: 65,000 AMPS SYMMETRICAL			
Supply From: UTILITY CT/PULL				Phases: 3				Available Fault Current:			
Mounting: SURFACE				Wires: 4				Mains Rating: 2000 A			
Enclosure: NEMA 1								MCB Rating: 2000 A			
Notes:											
CKT		Circuit Description		# of Poles	Frame Size	Trip Rating		Load	Remarks		
1	2P1			3	225 A	225 A		35321 VA			
2	2L1			3	100 A	100 A		9107 VA			
3	2M11			3	600 A	400 A		79294 VA			
4	2M21			3	600 A	400 A		10345 VA			
5	2T			3	100 A	100 A		10200 VA			
6	2SHP			3	400 A	400 A		64044 VA			
7	ELEVATOR			3	300 A	300 A		41069 VA			
8	DC-1			3	225 A	160 A		23186 VA			
9	Spare			3	225 A	175 A		0 VA			
10	Spare			3	225 A	175 A		0 VA			
11	Spare			3	225 A	225 A		0 VA			
12	Spare			3	300 A	300 A		0 VA			
Total Conn. Load:								271867 VA			
Total Amps:								755 A			
Load Classification			Connected Load	Demand Factor	Estimated Demand	Panel Totals					
COMP			7680 VA	50.07%	3845 VA						
Elevator			42269 VA	90.00%	38042 VA	Total Conn. Load: 271867 VA					
Equipment			9334 VA	100.00%	9334 VA	Total Est. Demand: 260650 VA					
LITES			35 VA	125.00%	43 VA	Total Conn. Current: 755 A					
Lighting			8742 VA	100.00%	8742 VA	Total Est. Demand Current: 723 A					
Lighting - Dwelling Unit			77 VA	100.00%	77 VA						
Lighting - Exterior			259 VA	125.00%	324 VA						
MTR			59774 VA	109.70%	65571 VA						
Motor			46177 VA	110.84%	51181 VA						
Other			59755 VA	100.00%	59755 VA						
RCPT			38439 VA	63.01%	24219 VA						
Notes:											
Branch Panel: 2P1											
Location: STORAGE FLEX 131				Volts: 120/208 Wye				A.I.C. Rating: 42,000 AMPS SYMMETRICAL			
Supply From: 2MDS				Phases: 3				Available Fault Current:			
Mounting: SURFACE				Wires: 4				Mains Rating: 225 A			
Enclosure: NEMA 1								MCB Rating:			
CKT		Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1		SUMP RECEIPT	20 A	1	180	540		1	20 A	ELEC RM	2
3		CLASS/BREAK FB	20 A	1		1598	900	1	20 A	WORKSHOP LOBBY	4
5		CLASS/BREAK FB	20 A	1			1598	1065	1	20 A	CLASS/BREAK
7		ELEVATOR RM/PIT	20 A	1	351	540		1	20 A	MONITORS	8
9		FIRE/STAIR/EXTERIOR	20 A	1		900	1950	1	20 A	CLASS/BREAK	10
11		CHECK-IN OFFICE	20 A	1			878	720	1	20 A	BREAK COUNTER
13		HALLWAY	20 A	1	360	878		1	20 A	HALLWAY/DRINKING	14
15		Spare	20 A	1		0	1065	1	20 A	RESTROOMS	16
17		Spare	20 A	1			0	0	1	20 A	Spare
19		Spare	20 A	1	0	0		1	20 A	Spare	20
21		ELEVATOR CAB/LTG	20 A	1		600	600	1	20 A	ELEVATOR AUX CONTROL	22
23											24
25											26
27											28
29											30
31											32
33											34
35											36
37											38
39											40
41											42
Total Load:					9299 VA	14522 VA	11529 VA				
Total...					77 A	124 A	99 A				
Load Classification			Connected Load	Demand Factor	Estimated Demand	Panel Totals					
Elevator			1200 VA	95.00%	1140 VA						
Equipment			4615 VA	100.00%	4615 VA	Total Conn. Load: 35321 VA					
Other			0 VA	0.00%	0 VA	Total Est. Demand: 25447 VA					
RCPT			29652 VA	66.86%	19826 VA	Total Conn. Current: 98 A					
						Total Est. Demand Current: 71 A					
Notes:											

Branch Panel: 2M12													
Location: STORAGE FLEX 131				Volts: 120/208 Wye				A.I.C. Rating: 42,000 AMPS SYMMETRICAL					
Supply From:				Phases: 3				Available Fault Current:					
Mounting: SURFACE				Wires: 4				Mains Rating: 400 A					
Enclosure: NEMA 1								MCB Rating:					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	AC1-1A	20 A	2	104	104					2	20 A	AC2-1A	2
3	--	--	--			104	104			--	--	--	4
5	AC1-2A	20 A	2					104	104	2	20 A	AC2-2A	6
7	--	--	--	104	104					--	--	--	8
9	ODU1-1	80 A	3			6124							10
11	--	--	--					6124					12
13	--	--	--	6124									14
15	ODU2-1	60 A	3			4803	3866			3	80 A	COMP-1	16
17	--	--	--					4803	3866	--	--	--	18
19	--	--	--	4803	3866					--	--	--	20
21	EW1-1	80 A	2			6000	998			2	20 A	EUH1-3	22
23	--	--	--					6000	998	--	--	--	24
25	Spare	20 A	1	0	998					2	20 A	EUH1-4	26
27	Spare	20 A	1			0	998			--	--	--	28
29	Spare	20 A	1					0	0	1	20 A	Spare	30
31	Spare	20 A	1	0									32
33	Spare	20 A	1			0							34
35	Spare	20 A	1					0					36
37	Spare	20 A	1	0									38
39	Spare	20 A	1			0							40
41	Spare	20 A	1					0					42
Total Load:				16208 VA		22998 VA		21999 VA					
Total...				135 A		199 A		191 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand				Panel Totals			
Equipment		12000 VA		100.00%		12000 VA							
MTR		45212 VA		110.16%		49805 VA				Total Conn. Load: 61205 VA			
Other		3994 VA		100.00%		3994 VA				Total Est. Demand: 65798 VA			
										Total Conn. Current: 170 A			
										Total Est. Demand Current: 183 A			
Notes:													

Branch Panel: 2M11											
Location: ELEC 124				Volts: 120/208 Wye				A.I.C. Rating: 42,000 AMPS SYMMETRICAL			
Supply From: 2MDS				Phases: 3				Available Fault Current:			
Mounting: SURFACE				Wires: 4				Mains Rating: 400 A			
Enclosure: NEMA 1								MCB Rating:			
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1										2	
3										4	
5										6	
7	ERV1-3	15 A	2	541	0			1	20 A Spare	8	
9	--	--	--		541	0		1	20 A Spare	10	
11	IDU1-6	15 A	2			25	364	2	15 A IDU1-4	12	
13	--	--	--	25	364			--	--	14	
15	Spare	15 A	1		0	1176		1	20 A SP-1	16	
17	EF-6	15 A	1			77	37	2	15 A IDU1-5	18	
19	EF-7	15 A	1	22	37			--	--	20	
21	EF-8	15 A	1		12	406		2	15 A ERV1-1	22	
23	IDU1-1	15 A	2			352	406	--	--	24	
25	--	--	--	352	77			2	15 A BC1-1	26	
27	IDU1-2	15 A	2		352	77		--	--	28	
29	--	--	--			352	406	2	15 A ERV1-2	30	
31	IDU1-3	15 A	2	364	406			--	--	32	
33	--	--	--		364	530		1	15 A AD-1	34	
35	AC1-1B	40 A	2			3536	125	1	20 A Equipment	36	
37	--	--	--	3536	70			1	20 A CP-1	38	
39	AC2-1B	60 A	2		2288	3536		2	70 A AC1-2B	40	
41	--	--	--			2288	3536	--	--	42	
43	EUH1-1	70 A	3	6665	3952			2	60 A AC2-2B	44	
45	--	--	--		6665	3952		--	--	46	
47	--	--	--			6665	416	2	40 A SUMP PUMP	48	
49	EUH1-2	70 A	3	6665	416			--	--	50	
51	--	--	--		6665	0		1	20 A Spare	52	
53	--	--	--			6665	0	1	20 A Spare	54	
55	EUH1-5	20 A	2	998	0			1	20 A Spare	56	
57	--	--	--		998	0		1	20 A Spare	58	
59	EUH1-6	20 A	2			998	0	1	20 A Spare	60	
61	--	--	--	998	0			1	20 A Spare	62	
63						0		1	20 A Spare	64	
65							0	1	20 A Spare	66	
67				0				1	20 A Spare	68	
69					0			1	20 A Spare	70	
71							0	1	20 A Spare	72	
73				0				1	20 A Spare	74	
75					0			1	20 A Spare	76	
77							0	1	20 A Spare	78	
79				0				1	20 A Spare	80	
81					0			1	20 A Spare	82	
83						0		1	20 A Spare	84	
Total Load:				25487 VA	27561 VA	26246 VA					
Total...				212 A	231 A	220 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals			
Equipment		4718 VA		100.00%		4718 VA					
MTR		34587 VA		105.71%		36563 VA		Total Conn. Load: 79294 VA			
Motor		39988 VA		112.50%		44987 VA		Total Est. Demand: 86269 VA			
Other		0 VA		0.00%		0 VA		Total Conn. Current: 220 A			
								Total Est. Demand Current: 239 A			
Notes:											
PROVIDE FEED-THRU LUGS. DOUBLE SECTION STACKED PANELS.											



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NISQUALLY TRIBE VOCATIONAL CENTER



EXPIRES 09/03/2028

ISSUE LIST	
Reference Set	10-02-26
1 Addedndum #1	10-19-26

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Branch Panel: 2M21														
Location: ELECTRICAL / IDF 215						Volts: 120/208 Wye				A.I.C. Rating: 42,000 AMPS SYMMETRICAL				
Supply From: 2MDS						Phases: 3				Available Fault Current:				
Mounting: SURFACE						Wires: 4				Mains Rating: 600 A				
Enclosure: NEMA 1										MCB Rating:				
CKT	Circuit Description		Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Spare	15 A	1	0	37						2	15 A	IDU2-1	2
3	Spare	15 A	1			0	37				--	--		4
5	Spare	15 A	1					0	37		2	15 A	IDU2-2	6
7	Spare	15 A	1	0	37						--	--		8
9	ACF-1	20 A	1			1440	198				2	15 A	IDU2-3	10
11	ERV2-1	15 A	2					541	198		--	--		12
13	--	--	--	541	364						2	15 A	IDU2-4	14
15	BC2-1	15 A	2			114	364				--	--		16
17	--	--	--					114	364		2	15 A	IDU2-5	18
19	IDU2-8	15 A	2	198	364						--	--		20
21	--	--	--			198	0				2	15 A	Spare	22
23	IDU2-7	15 A	2					37	0		--	--		24
25	--	--	--	37	0						1	20 A	Spare	26
27	Spare	20 A	1			0	0				1	20 A	Spare	28
29	Spare	20 A	1					0	0		1	20 A	Spare	30
31	ERV2-2	15 A	2	187	1176						1	20 A	EF-1	32
33	--	--	--			187	1176				1	20 A	EF-2	34
35	EF-3	20 A	1					1176	1176		1	20 A	EF-4	36
37	IDU2-6	20 A	2	25										38
39	--	--	--			25								40
41														42
Total Load:					2964 VA		3737 VA		3644 VA					
Total...					25 A		32 A		31 A					
Load Classification			Connected Load			Demand Factor			Estimated Demand			Panel Totals		
MTR			2001 VA			109.10%			2183 VA					
Motor			6189 VA			104.83%			6488 VA			Total Conn. Load: 10345 VA		
Other			2155 VA			100.00%			2155 VA			Total Est. Demand: 10826 VA		
												Total Conn. Current: 29 A		
												Total Est. Demand Current: 30 A		
Notes:														

Branch Panel: 2T1													
Location: MDF 122				Volts: 120/208 Wye				A.I.C. Rating: 42,000 AMPS SYMMETRICAL					
Supply From: 2MDS				Phases: 3				Available Fault Current:					
Mounting: SURFACE				Wires: 4				Mains Rating: 100 A					
Enclosure: NEMA 1								MCB Rating: 100 A					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	MDF RM	20 A	1	1080	1440					1	20 A	IDF RM	2
3	IT RACK	30 A	1			1920	1920			1	30 A	IT RACK IDF	4
5	IT RACK	30 A	1					1920	1920	1	30 A	IT RACK IDF	6
7													8
9													10
11													12
Total Load:				2520 VA		3840 VA		3840 VA					
Total...				21 A		34 A		34 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
COMP		7680 VA		50.07%		3845 VA							
RCPT		2520 VA		100.00%		2520 VA		Total Conn. Load: 10200 VA					
								Total Est. Demand: 6365 VA					
								Total Conn. Current: 28 A					
								Total Est. Demand Current: 18 A					
Notes:													

Branch Panel: 2L1													
Location: STORAGE FLEX 131				Volts: 120/208 Wye				A.I.C. Rating: 42,000 AMPS SYMMETRICAL					
Supply From: 2MDS				Phases: 3				Available Fault Current:					
Mounting: SURFACE				Wires: 4				Mains Rating: 100 A					
Enclosure: NEMA 1								MCB Rating: 100 A					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	SITE LIGHTING	20 A	1	259	2125					2	40 A	2EL	2
3	FIRST FLOOR	20 A	1			1865	462			--	--		4
5	WORKSHOP	20 A	1					1848	1801	1	20 A	SECOND FLOOR	6
7	WORKSHOP PATIO	20 A	1	830									8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
Total Load:				3205 VA		2327 VA		3607 VA					
Total...				28 A		19 A		31 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
LITES		35 VA		125.00%		43 VA							
Lighting		8742 VA		100.00%		8742 VA		Total Conn. Load: 9107 VA					
Lighting - Dwelling Unit		77 VA		100.00%		77 VA		Total Est. Demand: 9179 VA					
Lighting - Exterior		259 VA		125.00%		324 VA		Total Conn. Current: 25 A					
Other		0 VA		0.00%		0 VA		Total Est. Demand Current: 25 A					
Notes:													

Branch Panel: 2P2

Location: ELECTRICAL / IDF 215

Supply From: 2P1

Mounting: SURFACE

Enclosure: NEMA 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 42,000 AMPS SYMMETRICAL

Available Fault Current:

Mains Rating: 225 A

MCB Rating:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	ELEC.RM	20 A	1	1080	0					1	20 A	Spare	2
3	VOC OFFICE	20 A	1			878	540			1	20 A	HALL	4
5	VOC DIRECTOR	20 A	1					878	360	1	20 A	STORAGE/FLEX	6
7	VOC OFFICE	20 A	1	720	1080					1	20 A	WORK ROOM	8
9	HALLWAY	20 A	1			702	180			1	20 A	COPIER	10
11	STAFF OFFICE	20 A	1					1056	528	1	20 A	RESTROOMS	12
13	STAFF OFFICE	20 A	1	1056	706					1	20 A	STAFF BREAK	14
15	STAFF OFFICE	20 A	1			1229	760			1	20 A	CONFERENCE	16
17	STAFF OFFICE	20 A	1					1056	528	1	20 A	CONFERENCE	18
19	STAFF OFFICE	20 A	1	1056	0					1	20 A	Spare	20
21	Spare	20 A	1			0	0			1	20 A	Spare	22
23	STAFF BREAK	20 A	1					720	0	1	20 A	Spare	24
25	REFRIGERATOR	20 A	1	360	0					1	20 A	Spare	26
27	Spare	20 A	1			0	0			1	20 A	Spare	28
29	Spare	20 A	1					0	0	1	20 A	Spare	30
31	Spare	20 A	1	0	180					1	20 A	(F)DISHWASHER	32
33	HALLWAY	20 A	1			360	2308			1	20 A	INSTA-HOT WATER DISPENSER	34
35	Spare	20 A	1					0	2308	1	20 A	GRABAGE DISPOSAL	36
37	(F)DISHWASHER	20 A	1	180	180					1	20 A	MICROWAVE	38
39	GARBAGE DISPOSAL	20 A	1			180	0			1	20 A	Other	40
41													42
Total Load:				6494 VA		7046 VA		7352 VA					
Total...				54 A		59 A		62 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals			
Equipment	4615 VA	100.00%	4615 VA	Total Conn. Load:	20869 VA		
Other	0 VA	0.00%	0 VA			Total Est. Demand:	17696 VA
RCPT	16356 VA	80.57%	13178 VA			Total Conn. Current:	58 A
				Total Est. Demand Current:	49 A		

Notes:



ISSUE LIST		
Reference Set		10-02-26
1 Addedndum #1		10-19-26

MECHANICAL EQUIPMENT										
NO.	DESCRIPTION	PANEL	CIRCUIT NUMBER	LOAD	VOLT	PHASE	CONDUIT & WIRE SIZE	STARTER BY	DISCONNECT BY	NOTES
				W						
AC1-1A	AIR CONDITIONER UNIT	2M12	1,3	208 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
AC1-1B	AIR CONDITIONER UNIT	2M11	39,41	4576 W	208 V	1	(1") 2#8, 1#10G	DIV. 23	DIV. 26	
AC1-2A	AIR CONDITIONER UNIT	2M12	5,7	208 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
AC1-2B	AIR CONDITIONER UNIT	2M11	44,46	7904 W	208 V	1	(1-1/4")2#4, 1#8G	DIV. 23	DIV. 26	
AC2-1A	AIR CONDITIONER UNIT	2M12	2,4	208 W	208 V	1	21(3/4")C-3#8 #12 GND	SIZE 1 COMB. FVNR FS	WITH STARTER FUSE AT 40A.	
AC2-1B	AIR CONDITIONER UNIT	2M11	35,37	7072 W	208 V	1	(1")2#8, 1#10G	DIV. 23	DIV. 26	
AC2-2A	AIR CONDITIONER UNIT	2M12	6,8	208 W	208 V	1	21(3/4")C-3#8 #12 GND	SIZE 1 COMB. FVNR FS	WITH STARTER FUSE AT 40A.	
AC2-2B	AIR CONDITIONER UNIT	2M11	40,42	7072 W	208 V	1	(1")2#8, 1#10G	DIV. 23	DIV. 26	
CP-1	CIRCULATION PUMP	2M11	38	70 W	120 V	1	(1")2#10, 1#12G	DIV. 23	DIV. 26	
COMP-1	COMPRESSOR	2M12	16,18,20	11597 W	208 V	3	(1-1/2")3#4, 1#8G	DIV. 23	DIV. 26	
DC-1	DUST COLLECTOR	2MDS	8	23186 W	208 V	3	3 #2/0, 1#4G (2")	DIV. 23	DIV. 26	
EUH1-1	ELECTRIC UNIT HEATER	2M11	43,45,47	20000 W	208 V	3	(1 1/2")3#4, 1#8G		DIV. 26	
EUH1-2	ELECTRIC UNIT HEATER	2M11	49,51,53	20000 W	208 V	3	(1 1/2")3#4, 1#8G		DIV. 26	
EUH1-3	ELECTRIC UNIT HEATER	2M12	22,24	2000 W	208 V	1	(1")2#8, 1#10G		DIV. 26	
EUH1-4	ELECTRIC UNIT HEATER	2M12	26,28	2000 W	208 V	1	(1")2#8, 1#10G		DIV. 26	
EUH1-5	ELECTRIC UNIT HEATER	2M11	55,57	2000 W	208 V	1	(1")2#8, 1#10G		DIV. 26	
EUH1-6	ELECTRIC UNIT HEATER	2M11	59,61	2000 W	208 V	1	(1")2#8, 1#10G		DIV. 26	
EW-H-1	ELECTRIC WATER HEATER	2M12	21,23	12000 W	208 V	1	2#4, 1#8G (1-1/4")		DIV. 26	
ERV1-1	ENERGY RECOVERY VENTILATOR	2M11	22,24	811 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 120V CONNECTION TO MOTORIZED DAMPERS.
ERV1-2	ENERGY RECOVERY VENTILATOR	2M11	30,32	811 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 120V CONNECTION TO MOTORIZED DAMPERS.
ERV1-3	ENERGY RECOVERY VENTILATOR	2M11	7,9	1082 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 120V CONNECTION TO MOTORIZED DAMPERS.
ERV2-1	ENERGY RECOVERY VENTILATOR	2M21	11,13	1082 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 120V CONNECTION TO MOTORIZED DAMPERS.
ERV2-2	ENERGY RECOVERY VENTILATOR	2M21	31,33	374 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 120V CONNECTION TO MOTORIZED DAMPERS.
EF-1	EXHAUST FAN	2M21	32	1176 W	120 V	1	(3/4")2#12, 1#12G	SIZE 1 COMB. FVNR FS	DIV. 26	
EF-2	EXHAUST FAN	2M21	34	1176 W	120 V	1	(3/4")2#12, 1#12G	SIZE 1 COMB. FVNR FS	DIV. 26	
EF-3	EXHAUST FAN	2M21	35	1176 W	120 V	1	(3/4")2#12, 1#12G	SIZE 1 COMB. FVNR FS	DIV. 26	
EF-4	EXHAUST FAN	2M21	36	1176 W	120 V	1	(3/4")2#12, 1#12G	SIZE 1 COMB. FVNR FS	DIV. 26	
EF-5	EXHAUST FAN	2M11	36	125 W	120 V	1	(3/4")2#12, 1#12G	SIZE 1 COMB. FVNR FS	DIV. 26	
EF-6	EXHAUST FAN	2M11	17	77 W	120 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	
EF-7	EXHAUST FAN	2M11	21	12 W	120 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	
EF-8	EXHAUST FAN	2M11	19	22 W	120 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	
BC1-1	HEAT RECOVERY CONTROLLERS	2M11	26,28	154 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	
BC2-1	HEAT RECOVERY CONTROLLERS	2M21	15,17	229 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	
IDU1-1	INDOOR VRF UNIT	2M11	23,25	703 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU1-2	INDOOR VRF UNIT	2M11	27,29	703 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU1-3	INDOOR VRF UNIT	2M11	31,33	728 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU1-4	INDOOR VRF UNIT	2M11	12,14	728 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU1-5	INDOOR VRF UNIT	2M11	18,20	75 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU1-6	INDOOR VRF UNIT	2M11	11,13	50 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU2-1	INDOOR VRF UNIT	2M21	2,4	75 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU2-2	INDOOR VRF UNIT	2M21	6,8	75 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU2-3	INDOOR VRF UNIT	2M21	10,12	395 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU2-4	INDOOR VRF UNIT	2M21	14,16	728 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU2-5	INDOOR VRF UNIT	2M21	18,20	728 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU2-6	INDOOR VRF UNIT	2M21	37,39	45 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU2-7	INDOOR VRF UNIT	2M21	23,25	75 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
IDU2-8	INDOOR VRF UNIT	2M21	19,21	395 W	208 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	PROVIDE 208V CONNECTION TO CONDENSATE PUMP
ODU1-1	OUTDOOR VRF UNIT	2M12	9,11,13	18373 W	208 V	3	(1 1/2")3#4, 1#8G	DIV. 23	DIV. 26	
ODU2-1	OUTDOOR VRF UNIT	2M12	15,17,19	14410 W	208 V	3	(1 1/2")3#4, 1#8G	DIV. 23	DIV. 26	
AD-1	REFRIGERATED COMPRESSED AIR	2M11	34	530 W	120 V	1	(3/4")2#12, 1#12G	DIV. 23	DIV. 26	
SP-1	SUMP PUMP	2M11	16	1176 W	120 V	1	0(3/4")2#10, 1#10G	DIV. 23	DIV. 26	
TP-2	TRAP PRIMER			20000 W	208 V	3	(1 1/2")3#4, 1#8G			

GENERAL NOTES FOR THIS SCHEDULE:

1. PROVIDE FUSES SIZED PER MECHANICAL/PLUMBING DRAWINGS AND SPECIFICATIONS AND AS REQUIRED PER MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ALL MECHANICAL/PLUMBING EQUIPMENT FOR A COMPLETE AND OPERABLE, CODE COMPLIANT SYSTEM.

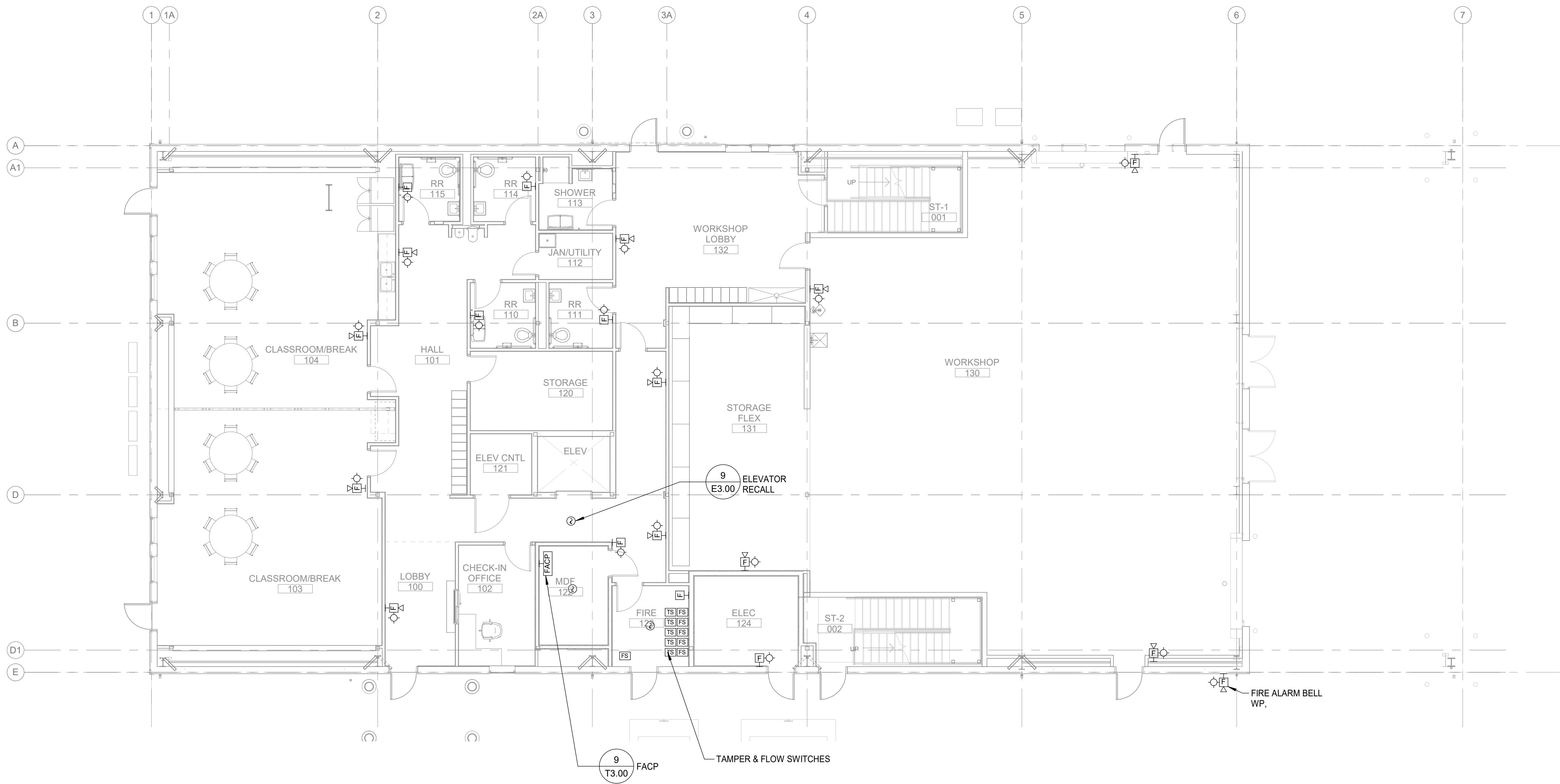
GENERAL NOTES:

- A. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND COMPONENT OPERATION REQUIREMENTS.
- B. REFER TO ARCHITECTURAL FOR LOCATIONS OF ALL ELECTRICAL, TELECOM AND LIGHTING FIXTURES. FINAL ARRANGEMENT IS TO BE COORDINATED VIA ROOM MOCK UP WITH DIRECTION BY ARCHITECT AND OWNERS REPRESENTATIVE.



EXPIRES 09/03/2028

ISSUE LIST		
Reference Set		10-02-26
1 Addendum #1		10-19-26



1 FIRST FLOOR PLAN - FIRE ALARM
F1.10 Scale: 1/8" = 1'-0"



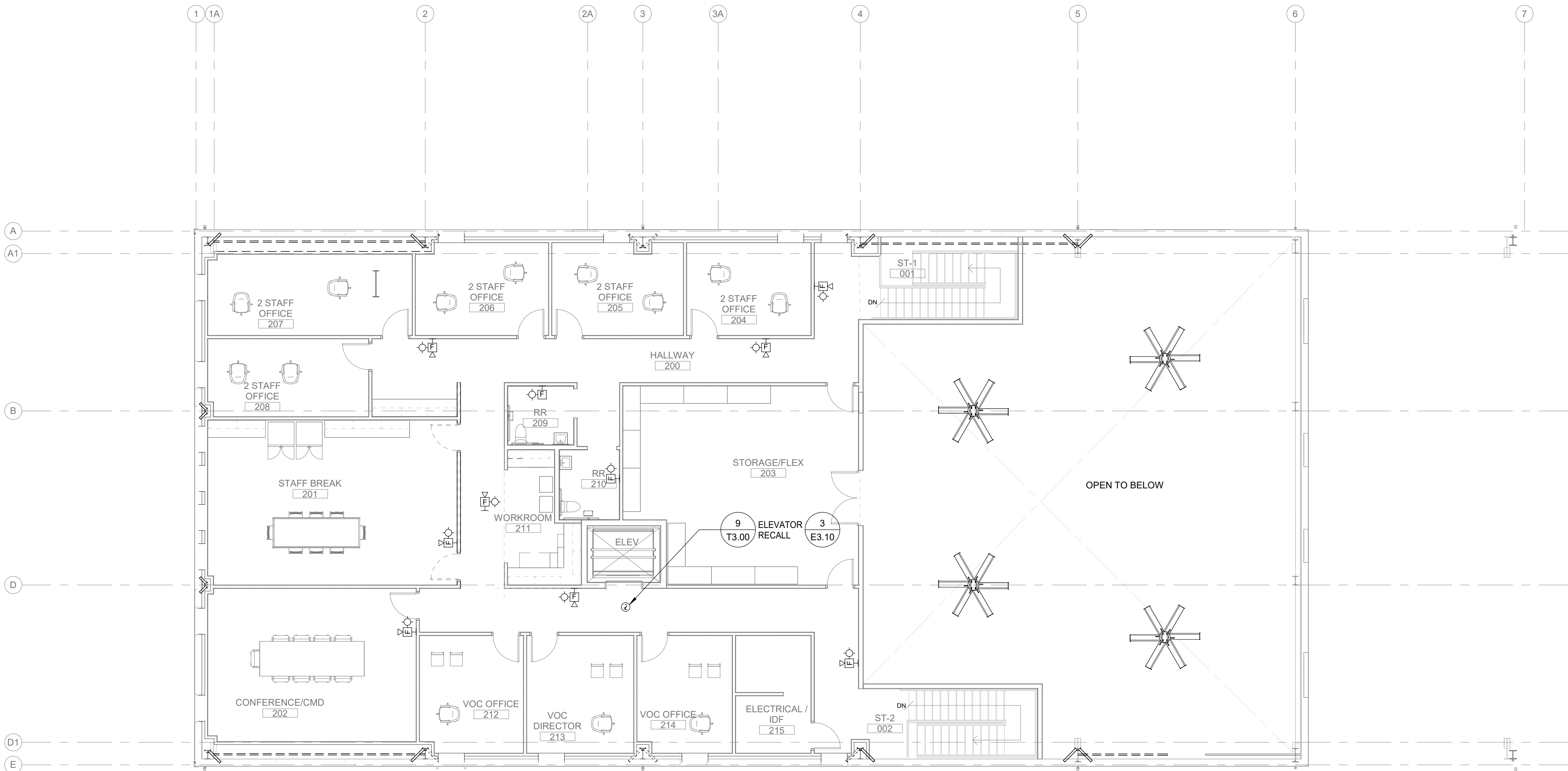
GENERAL NOTES:

- A. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND COMPONENT OPERATION REQUIREMENTS.
- B. REFER TO ARCHITECTURAL FOR LOCATIONS OF ALL ELECTRICAL, TELECOM AND LIGHTING FIXTURES, FINAL ARRANGEMENT IS TO BE COORDINATED VIA ROOM MOCK UP WITH DIRECTION BY ARCHITECT AND OWNERS REPRESENTATIVE.



EXPIRES 09/03/2028

ISSUE LIST		
Reference Set		10-02-26
1 Addedndum #1		10-19-26



1 SECOND FLOOR PLAN - FIRE ALARM
F2.00 / Scale: 1/8" = 1'-0"



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LUMINAIRE SCHEDULE											
TYPE MARK	LOCATION	DESCRIPTION	MANUFACTURER	MODEL	CCT/CRI	DELIVERED LUMENS	WATTAGE	VOLTAGE	DIMMING	FINISH	NOTES
C01-EM	STAIRS	CEILING SURFACE MOUNTED 4' INDUSTRIAL STRIP LIGHT FIXTURE WITH ROUND DIFFUSED LENS.	LITHONIA	CLX SERIES	3500K, 80CRI	10000 lm	64 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
P01	EXTERIOR SITE	POLE MOUNTED DOUBLE HEAD FIXTURE. PROVIDE WITH 20" ROUND TAPERED POLE. FROSTED GASKETED TEMPERED GLASS LENS. TYPE III DISTRIBUTION. IP65 RATED FOR WET LOCATIONS.	LITHONIA	VEKTER 5 - UVK 10011 SERIES	3500K, 80CRI	5073 lm	37 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
P01A	EXTERIOR SITE	SIMILAR TO P01 EXCEPT WITH TYPE V OPTICS.	LITHONIA	VEKTER 5 - UVK 10011 SERIES	3500K, 80CRI	5073 lm	37 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
R01	VARIES	RECESSED 4" APERTURE LED DOWNLIGHT	GOTHAM	EVO SERIES	3500K, 80CRI	1500 lm	15 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
R01-EM	VARIES	SIMILAR TO R01 EXCEPT ON EMERGENCY CIRCUIT.	GOTHAM	EVO SERIES	3500K, 80CRI	1500 lm	15 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
R01A	SHOWER	SIMILAR TO R01 EXCEPT WITH NON-CONDUCTIVE TRIM FOR USE IN SHOWERS.	GOTHAM	EVO SERIES	3500K, 80CRI	1500 lm	15 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
R02	CLASS/BREAK RM	RECESSED 4INCH APERTURE LED WALLWASHER.	GOTHAM	EVO SERIES	3500K, 80CRI	1500 lm	15 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
R03	ENCLOSED OFFICES	2X4 RECESSED LED TROFFER FIXTURE WITH DIFFUSED LENS AND CURVED SMOOTH CENTER BASKIT. STAINLESS STEEL HOUSING AND ONE PEICE STAINLESS STEEL SWING DOOR. FLUSH DIFFUSED ACRYLIC LEN.	LITHONIA	BLT SERIES	3500K, 80CRI	4800 lm	45 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
R03-EM	ENCLOSED OFFICES	SIMILAR TO R03 EXCEPT ON EMERGENCY CIRCUIT.	LITHONIA	BLT SERIES	3500K, 80CRI	4800 lm	45 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
S01	BOH	SUSPENDED MOUNTED 4' INDUSTRIAL STRIP LIGHT FIXTURE WITH ROUND DIFFUSED LENS.	LITHONIA	CLX SERIES	3500K, 80CRI	3000 lm	19 W	120 V	NON DIM	STANDARD, TBD	
S02	WORKSHOP	SIMILAR TO S01 EXCEPT HIGHER OUTPUT	LITHONIA	COMPACT PRO SERIES	4000K, 80CRI	18000 lm	132 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
S02-EM	WORKSHOP	SIMILAR TO S02 EXCEPT ON EMERGENCY CIRCUIT.	LITHONIA	COMPACT PRO SERIES	4000K, 80CRI	18000 lm	132 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
S02A	STORAGE	SIMILAR TO S02 EXCEPT LOWER OUTPUT	LITHONIA	COMPACT PRO SERIES	4000K, 80CRI	12000 lm	83 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
S02A-EM	STORAGE	SIMILAR TO S02A EXCEPT ON EMERGENCY CIRCUIT.	LITHONIA	COMPACT PRO SERIES	4000K, 80CRI	12000 lm	83 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
S04	BOH	SIMILAR TO S01 EXCEPT HIGHER OUTPUT	LITHONIA	CLX SERIES	3500K, 80CRI	5000 lm	32 W	120 V	NON DIM	STANDARD, TBD	
S04-EM	BOH	SIMILAR TO S04 EXCEPT ON EMERGENCY CIRCUIT.	LITHONIA	CLX SERIES	3500K, 80CRI	5000 lm	32 W	120 V	NON DIM	STANDARD, TBD	
U01	UNDERCABINET	2' LONG LED SURFACE MOUNTED UNDERCABINET TASKLIGHT. PROVIDE WITH HIGH IMPACT LENS AND ANTI-LIGATURE HOUSING.	JUNO	UPLD SERIES	3500K, 80CRI	1317 lm	11 W	120 V	NON DIM	STANDARD, TBD	
W01-EM	EXTERIOR EXITS	WALL SURFACE MOUNTED LED DOWNLIGHT CYLINDER. IP65 RATED FOR WET LOCATIONS. PROVIDE WITH FLOOD OPTICS. PROVIDE ON EMERGENCY CIRCUIT.	LANTERRA	9004 SERIES	3000K, +80CRI	886 lm	10 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
W02	CLASS/BREAK RM	WALL SURFACE MOUNTED LINEAR LED WALL GRAZING DIRECT FIXTURE. NOMINAL 4" WIDE X 4.5" TALL X CONTINUOUS LENGTHS AS SHOWN ON DRAWINGS.	FOCAL POINT	SEEM 4 SERIES	3500K, 80CRI	750 lm	176 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	LUMENS ARE PER FOOT.
W03	RESTROOMS	2' LONG, HORIZONTALLY WALL MOUNTED LINEAR VANITY LED FIXTURE.	KUZCO	JANE SERIES	3500K, 80CRI	2400 lm	31 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
W04-EM	STAIRS	WALL SURFACE MOUNTED 4' INDUSTRIAL STRIP LIGHT FIXTURE WITH ROUND DIFFUSED LENS. PROVIDE ON EMERGENCY CIRCUIT.	LITHONIA	CLX SERIES	3500K, 80CRI	10000 lm	64 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
W05	EXTERIOR BLDG. MTD.	SURFACE MOUNTED FULL CUTOFF LED WALL PACK FIXTURE. WET LISTED. FORWARD THROW OPTICS.	LITHONIA	WEDGE SERIES	3000K, +80CRI	1209 lm	10 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
W05-EM	EXTERIOR BLDG. MTD.	SIMILAR TO W05 EXCEPT ON EMERGENCY CIRCUIT.	LITHONIA	WEDGE SERIES	3000K, +80CRI	1209 lm	10 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	
W06	EXTERIOR SIGNAGE	WALL SURFACE MOUNTED 6' LONG LINEAR WALL GRAZER.	INSIGHT	E5X SERIES	3500K, 80CRI	764 lm	48 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	LUMENS ARE PER FOOT.
W06A	EXTERIOR SIGNAGE	SAME AS W06 EXCEPT 8FT LONG.	INSIGHT	E5X SERIES	3500K, 80CRI	764 lm	64 W	120 V	INTEGRAL 0-10V DIMMING TO 10%	STANDARD, TBD	LUMENS ARE PER FOOT.
X01	EGRESS PATH	CEILING MOUNTED EXIT SIGN	LITHONIA OR APPROVED EQUAL	QUANTUM LQM	N/A	100 lm	1 W	120 V	N/A	STANDARD, TBD	
X02	EGRESS PATH	WALL MOUNTED EXIT SIGN	LITHONIA OR APPROVED EQUAL	QUANTUM LQM	N/A	100 lm	1 W	120 V	N/A	STANDARD, TBD	
X03	EGRESS PATH	CEILING STEM MOUNTED EXIT SIGN	LITHONIA OR APPROVED EQUAL	QUANTUM LQM	N/A	100 lm	1 W	120 V	N/A	STANDARD, TBD	

GENERAL LUMINAIRE SCHEDULE NOTES:
A. THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE ELECTRICAL SPECIFICATIONS.
B. VERIFY LUMINAIRE VOLTAGE WITH BRANCH CIRCUIT SUPPLYING POWER TO LUMINAIRE PRIOR TO ORDERING.
C. ALL LUMINARIES TO BE REDUCTION OF HAZARDOUS SUBSTANCES (ROHS) COMPLIANT AND UL LISTED.
D. CONTRACTOR IS RESPONSIBLE TO VERIFY CEILING TYPE, THICKNESS AND PROVIDE REQUIRED MOUNTING HARDWARE FOR ALL FIXTURE TYPES.
E. CONTRACTOR TO VERIFY LUMINAIRE DRIVERS ARE COMPATIBLE WITH CONTROL SYSTEM BEFORE ORDERING.
F. CONTROLS SYSTEM & LIGHTING DESIGN SHALL BE 2021 WASHINGTON STATE ENERGY & WSEC-R 2021 CODE COMPLIANT.
G. COORDINATE PENDANT FIXTURES MOUNTING HEIGHTS WITH MEP AND ARCHITECTURAL SECTION DRAWINGS.

Lighting Control Sequence of Operations:										
Location	Local Control	Daylight Sensors	Photocell Sensors	Wireless Switch	Occupancy Sensor (50% Manual ON/Auto Full OFF)	Vacancy Sensor (OFF) Manual ON	Dimming	Color Tunable	Astronomical/ Time Clock	UL-924 Relay
Exterior (General): Single Photocell controls all light fixtures via building system to have auto on at dusk and timelock off at midnight. Light fixture outputs shall be reduced by 50% after 11pm. Building mounted luminaire on emergency power to come on at dusk and off between midnight-6:00AM. Each different type of fixture shall be separately controlled so that timing of general lighting and accent lighting can be customized. (Signage lights to be controlled photocell ON and timelock OFF.) (All switches shall be labeled for the different area that it is controlling and lighting circuit identification number)			X				X		X	
Lobby/OpenOffice: Each different fixture type designation with separate zone. Emergency Lighting will be auto on/off per alarm status. Fixtures shall be controlled by a combination of timelock. The timelock for these spaces shall be set to turn the fixtures on during normal business hours, 6:00 AM to 6:00 PM Pacific Standard Time. Provide separate controls for up/downlight component if applicable. Daylight zones shown per plans. (All switches in multi purpose areas shall be labeled for the different area that it is controlling and lighting circuit identification number)	X	X				X	X		X	X
Meeting Rm: Fixtures shall be controlled by a wall mounted LCD controller. This controller shall provide zone dimming, on/off, and predefined, user selectable zone dimming configurations. Fixtures shall be automatically turned off vacancy sensors. Per the Oregon State Energy Code, daylighting sensors for continuous dimming control shall be required to be provided in the ceiling throughout spaces adjacent to windows. Daylight sensing per plans. (All switches in multi purpose areas shall be labeled for the different area that it is controlling and lighting circuit identification number)	X	X			X	X	X			X
Enclosed Office: Manual on, auto off. Daylight zones shown per plans. Vacancy sensor.	X				X		X		X	
Restroom: Auto on/off via dual occupancy sensors and vacancy sensors. Daylight controls if applicable.					X				X	X
BreakRm: Each different fixture type designation with separate zone. Emergency Lighting will be auto on/off per alarm status. Daylight zones shown per plans. (All switches in multi purpose areas shall be labeled for the different area that it is controlling)	X	X					X		X	X
Workshop: For safety reasons, fixtures shall be controlled by wall mounted toggle switches only. Occupancy Sensors and Daylight controls not-applicable.	X									X
Electrical/MDF Rm/IDF Rm: For safety reasons, fixtures shall be controlled by wall mounted toggle switches only. Occupancy Sensors and Daylight controls not-applicable.	X									X
Emergency Luminaires: Luminaires with designator 'EM' are powered from Life Safety panels and must be compatible with UL-listed lighting control system. 'EM' luminaires must be 'ON' during loss of normal power via UL-listed 924 relay for a complete and operable code compliant emergency egress system.										X
Exit Signs: Exit signs are un switched circuit with integral battery backup and remain "ON" at all times.										



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EXPIRES 09/03/2028

ISSUE LIST
Reference Set 10-02-26
1 Addedendum #1 10-19-26

GENERAL NOTES:

- A. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND COMPONENT OPERATION REQUIREMENTS.
- B. REFER TO ARCHITECTURAL FOR LOCATIONS OF ALL ELECTRICAL, TELECOM AND LIGHTING FIXTURES. FINAL ARRANGEMENT IS TO BE COORDINATED VIA ROOM MOCK UP WITH DIRECTION BY ARCHITECT AND OWNERS REPRESENTATIVE.
- C. COORDINATE ALL WALL MOUNTED AND PENDANT FIXTURE HEIGHTS WITH AOR.
- D. ALL W05/W05E FIXTURES MOUNTED AT 8'-0" AFF. TO BOTTOM OF FIXTURE, UNLESS OTHERWISE NOTED.
- E. COORDINATE ALL S04 MOUNTING LOCATIONS WITH MECHANICAL EQUIPMENT IN SPACE.
- F. MOUNT W04-EM FIXTURES SO THAT BOTTOM OF FIXTURE IS AT 8'-0" AFF.
- G. W01-EM FIXTURES ARE MOUNTED AT 6'-9" TO BOTTOM OF FIXTURE MINIMUM.
- H. W01, W05, W06, W06A ROUGH-IN ONLY IN PHASE 1.

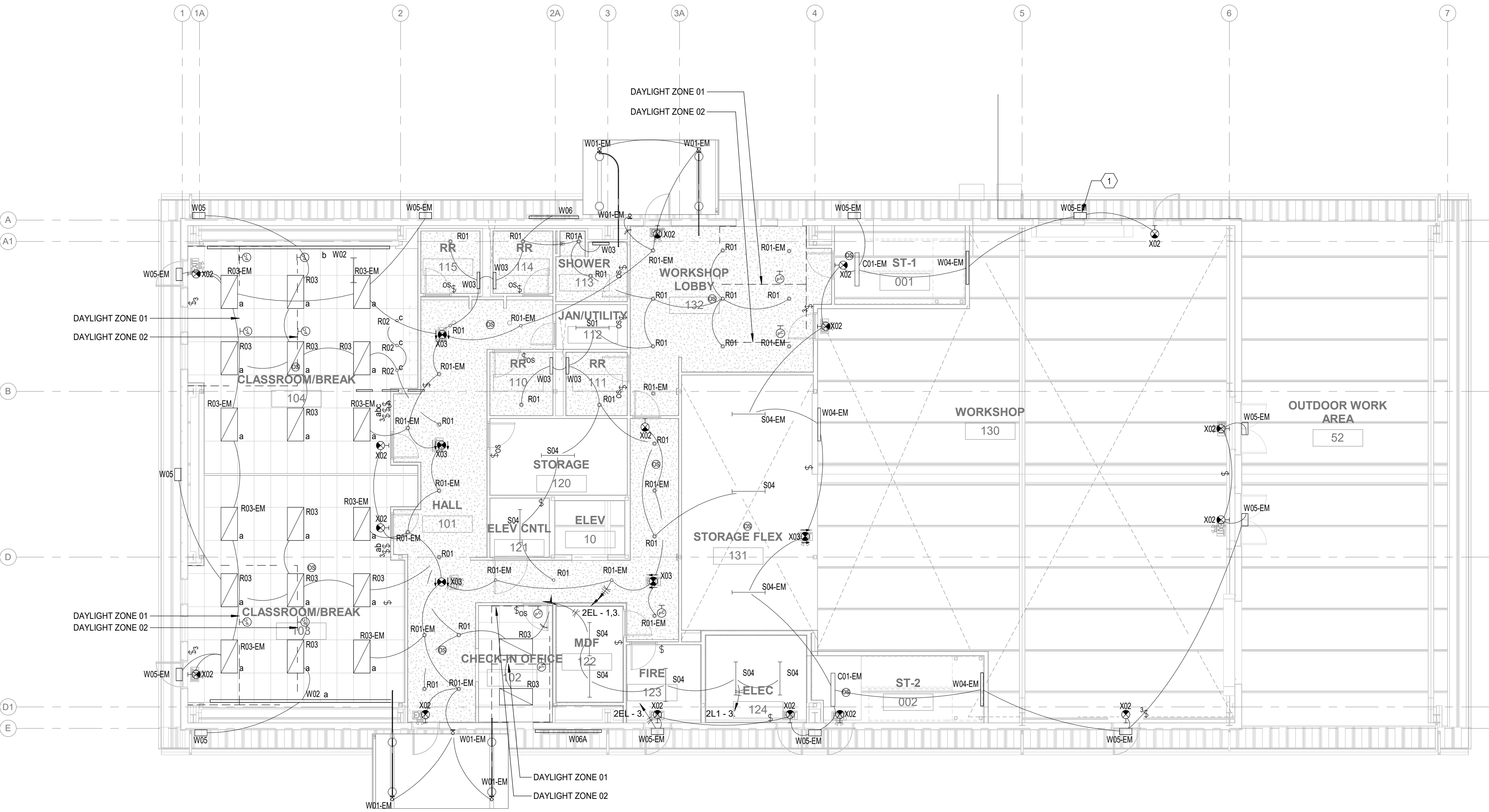
KEYED NOTES: ◻

- 1. W05EM FIXTURE TO BE MOUNTED AT +12'-0" AFF. IN THIS LOCATIONS.

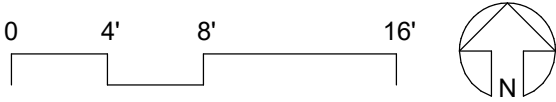


EXPIRES 09/03/2028

ISSUE LIST		
Reference Set		10-02-26
1 Addendum #1		10-19-26



1 FIRST FLOOR PLAN - LIGHT RCP
L1.10 Scale: 1/8" = 1'-0"



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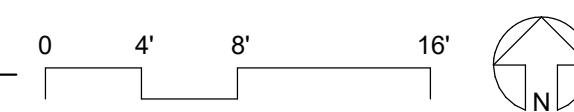
- A. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND COMPONENT OPERATION REQUIREMENTS.
- B. REFER TO ARCHITECTURAL FOR LOCATIONS OF ALL ELECTRICAL, TELECOM AND LIGHTING FIXTURES. FINAL ARRANGEMENT IS TO BE COORDINATED VIA ROOM MOCK UP WITH DIRECTION BY ARCHITECT AND OWNERS REPRESENTATIVE.
- C. COORDINATE ALL WALL MOUNTED AND PENDANT FIXTURE HEIGHTS WITH AOR.
- D. COORDINATE ALL S04 MOUNTING LOCATIONS WITH MECHANICAL EQUIPMENT IN SPACE.
- E. MOUNT ALL S02/S24 FIXTURES SO THAT BOTTOM OF FIXTURE IS AT 8'-0" AFF.



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SECOND FLOOR
PLAN - LIGHTING

L2.10

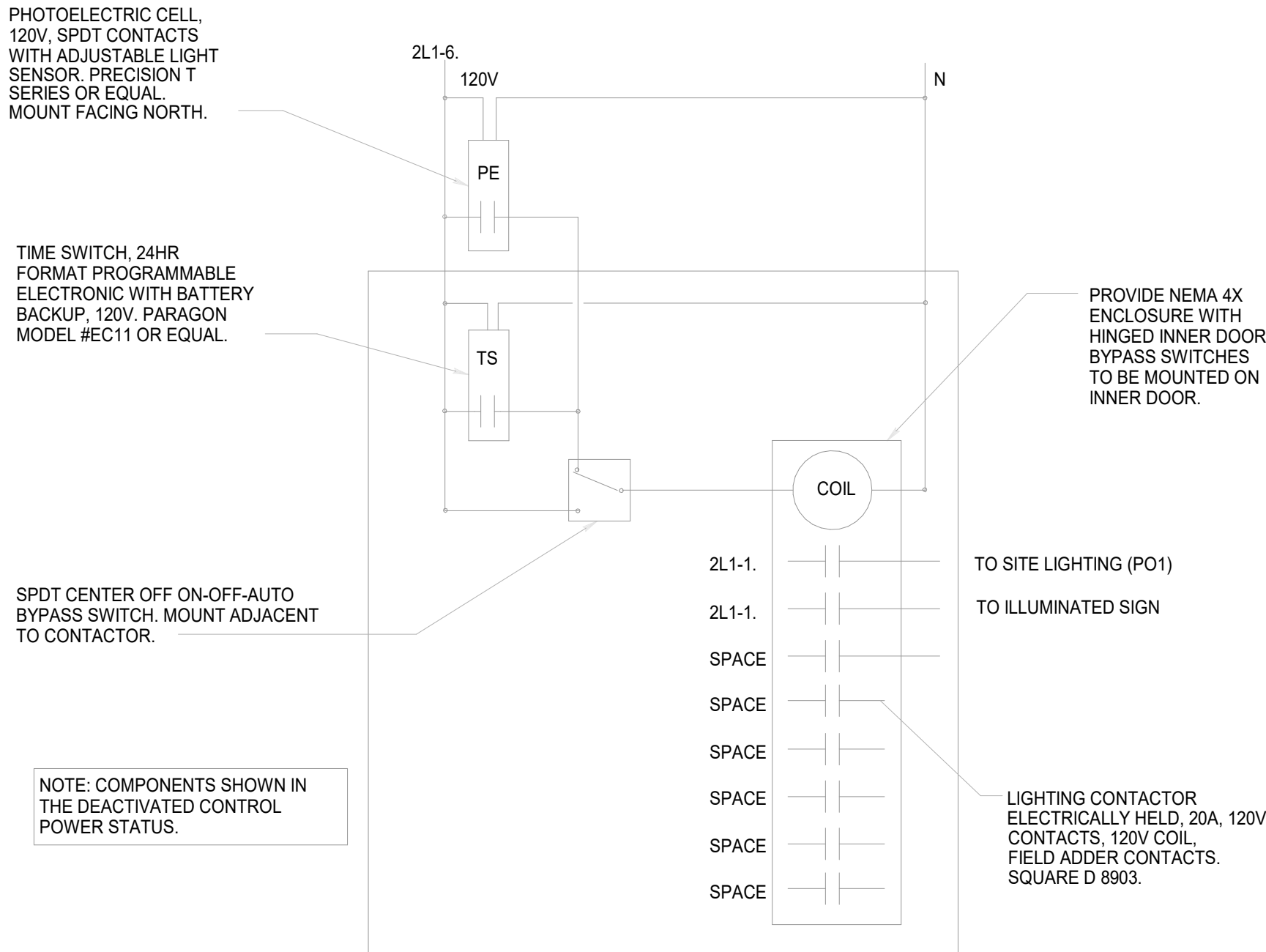




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1 EXTERIOR LIGHTING CONTROL DIAGRAM
L3.10 NOT TO SCALE

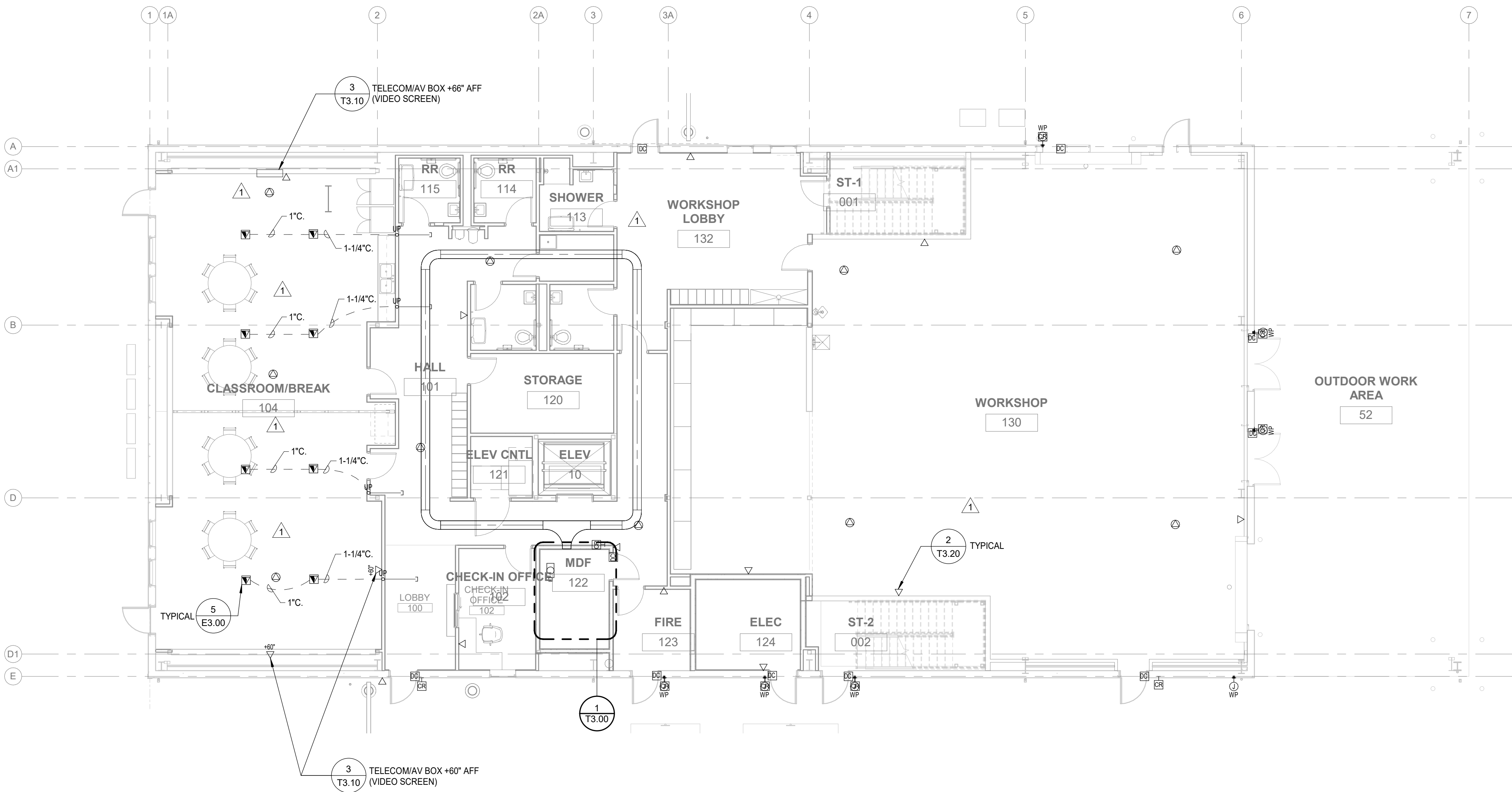
GENERAL NOTES:

- A. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND COMPONENT OPERATION REQUIREMENTS.
- B. REFER TO ARCHITECTURAL FOR LOCATIONS OF ALL ELECTRICAL, TELECOM AND LIGHTING FIXTURES, FINAL ARRANGEMENT IS TO BE COORDINATED VIA ROOM MOCK UP WITH DIRECTION BY ARCHITECT AND OWNERS REPRESENTATIVE.

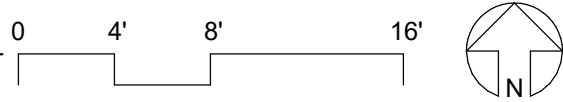


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1 FIRST FLOOR PLAN - TELECOMM
T1.10 Scale: 1/8" = 1'-0"

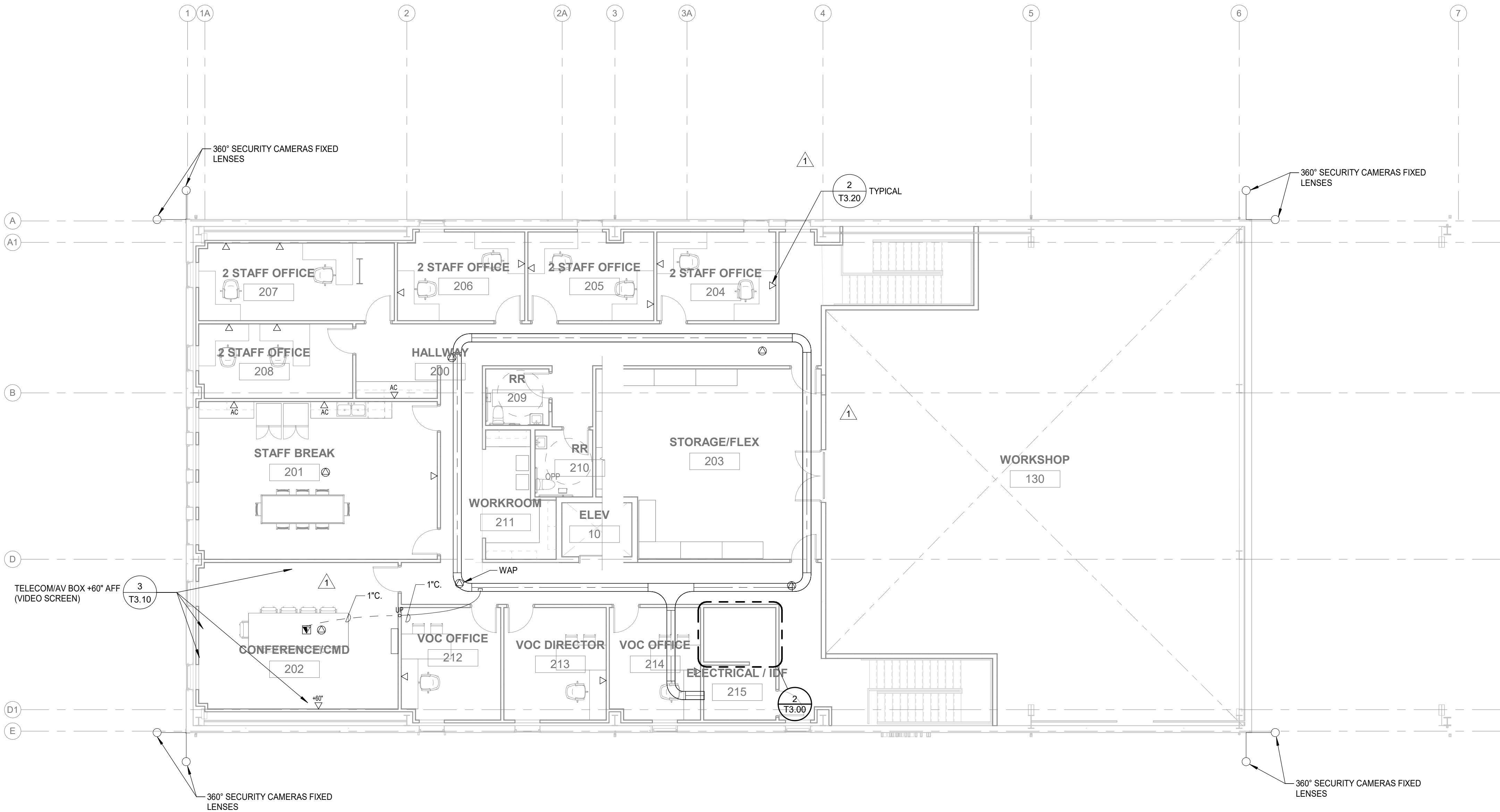


GENERAL NOTES:

- A. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND COMPONENT OPERATION REQUIREMENTS.
- B. REFER TO ARCHITECTURAL FOR LOCATIONS OF ALL ELECTRICAL, TELECOM AND LIGHTING FIXTURES, FINAL ARRANGEMENT IS TO BE COORDINATED VIA ROOM MOCK UP WITH DIRECTION BY ARCHITECT AND OWNERS REPRESENTATIVE.

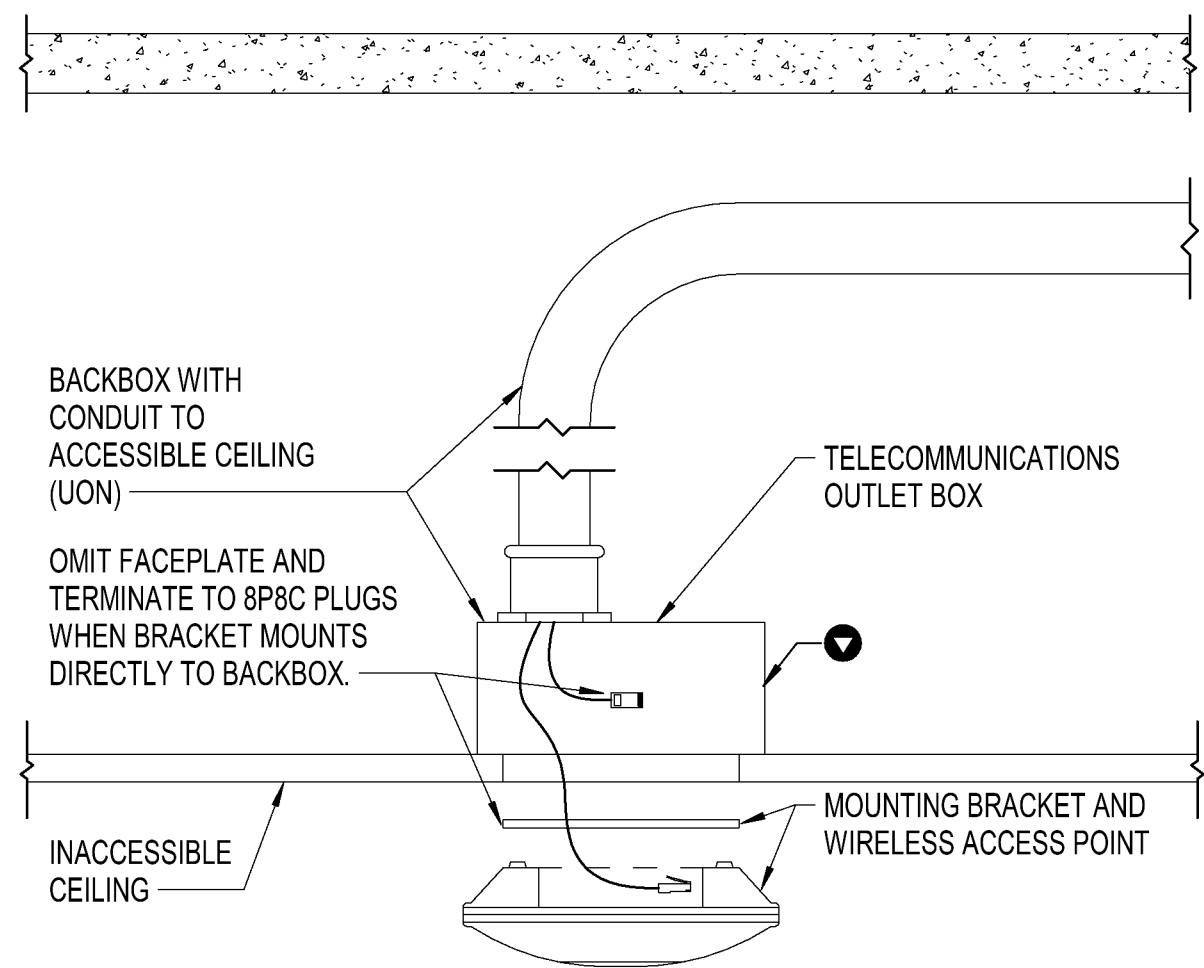


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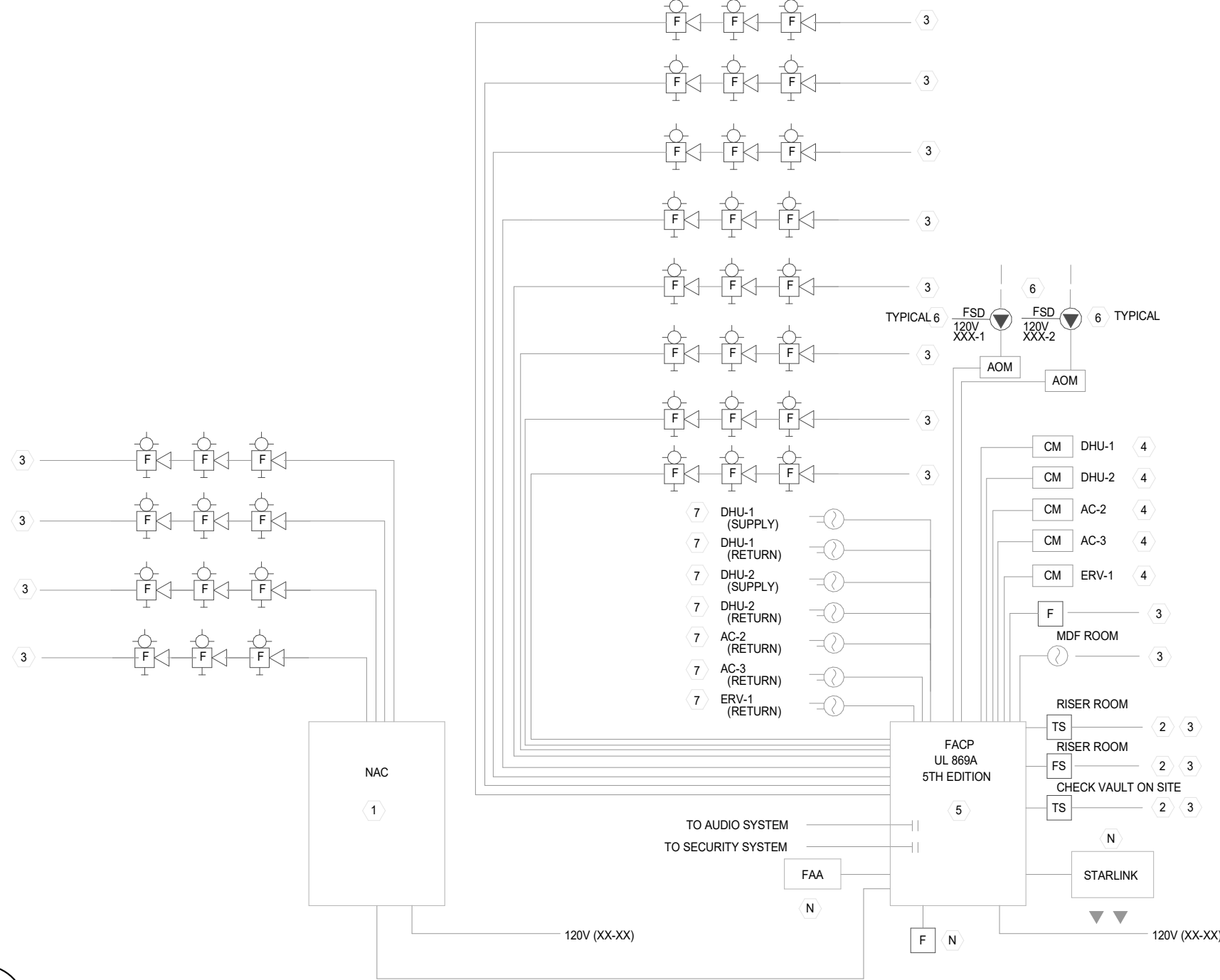


1 SECOND FLOOR PLAN - TELECOMM
T2.10 Scale: 1/8" = 1'-0"





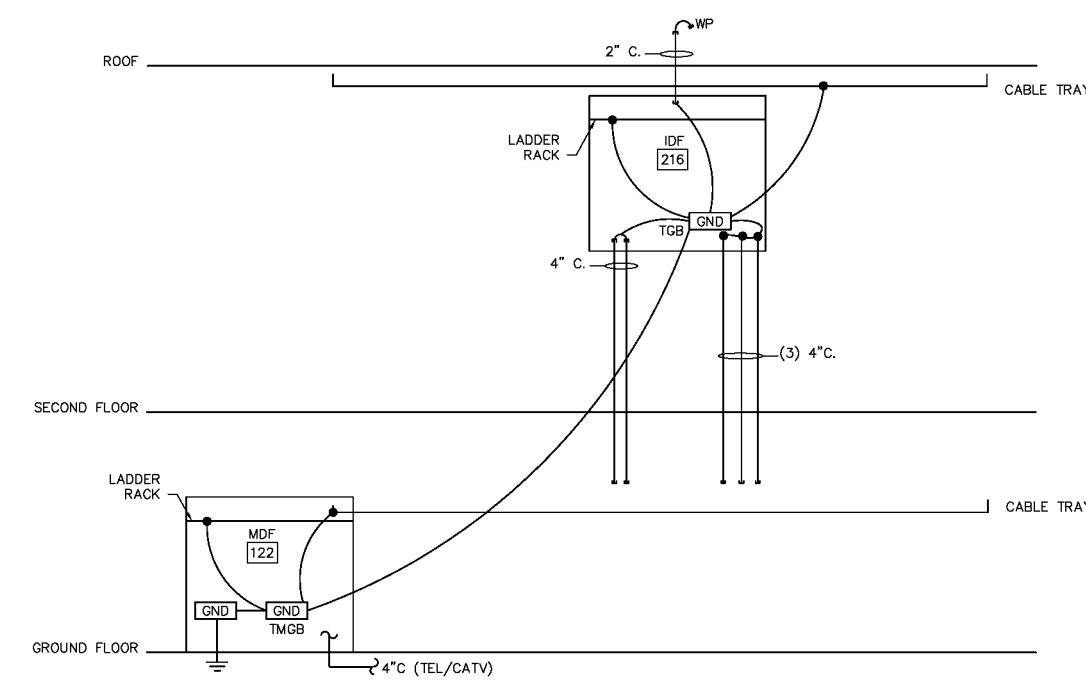
8 **WAP CEILING (NON-ACC)**
T3.00 NOT TO SCALE



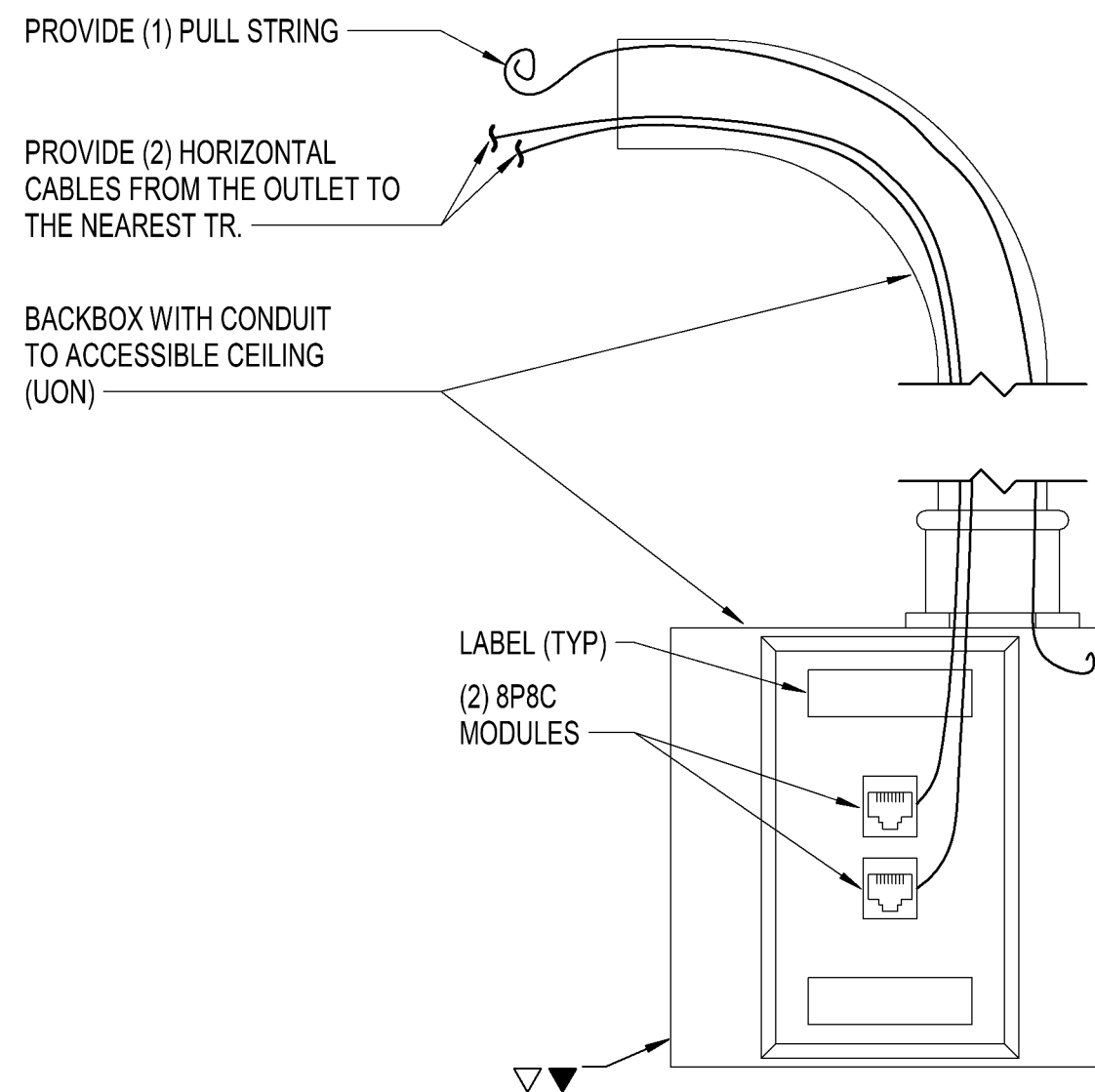
9 **FIRE ALARM DETAIL**
T3.00 NOT TO SCALE

DETAIL NOTES

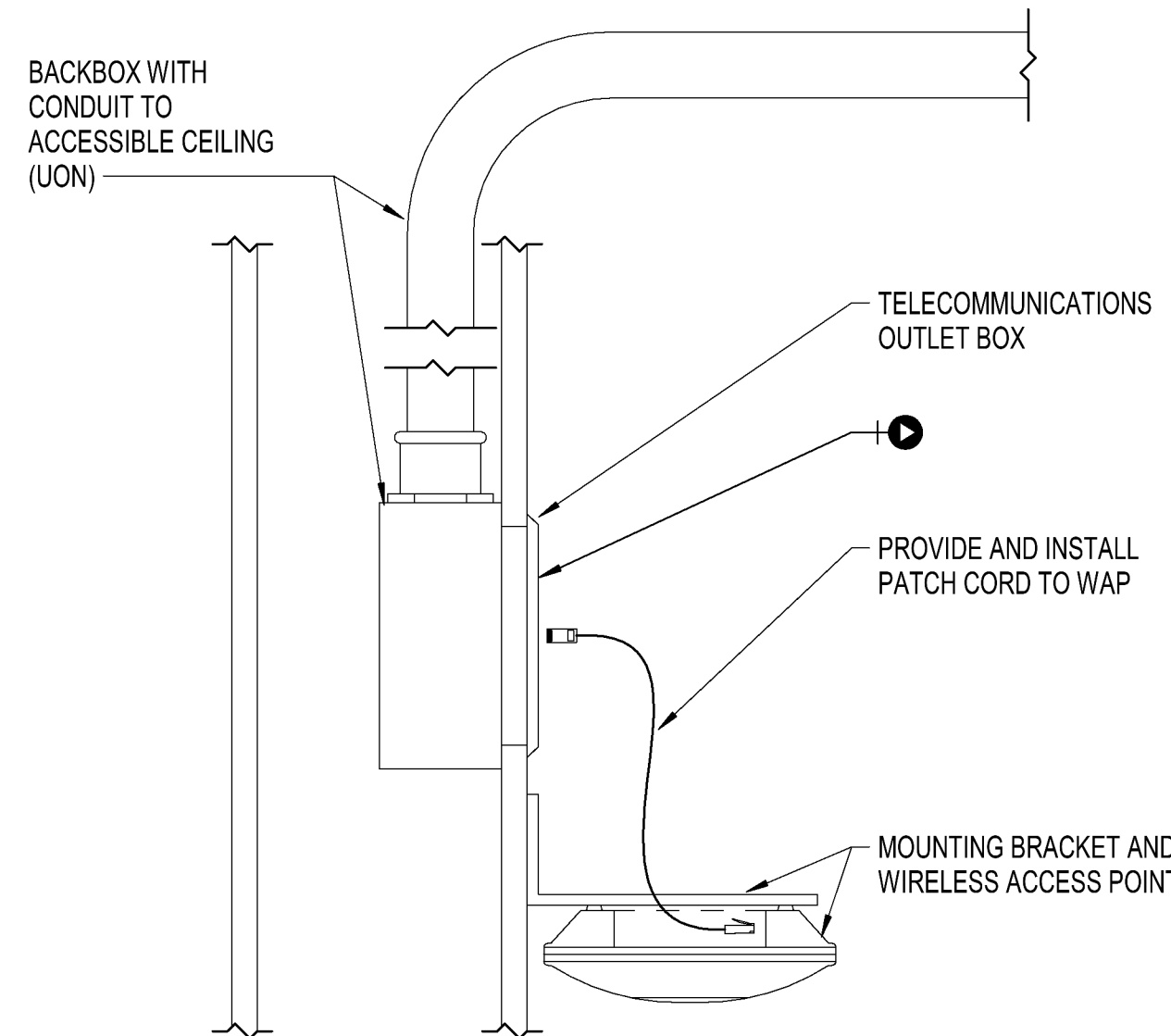
- 1 FIRE ALARM VENDOR (FAV) TO DETERMINE QUANTITY OF NACS REQUIRED FOR REMODEL BASED UPON QUANTITIES SHOWN ON PLANS.
- 2 EXISTING QUANTITIES AND CONFIGURATIONS TO BE DETERMINED BY FAV AND REFLECTED IN SHOP DRAWINGS.
- 3 SEE FLOOR PLANS FOR QUANTITIES REQUIRED.
- 4 PROVIDE DRY CONTACT INTERFACE TO MOTOR CONTACTOR. COORDINATE WITH DIVISION 23.
- 5 ADDRESSABLE DEVICES ARE SHOWN AS "HOME RUNS" FOR CLARITY. ADDRESSABLE DEVICES CAN BE ROUTED USING CLASS "B" STYLE "K" CIRCUITS. T-TAPS ARE TO ONLY OCCUR AT TERMINAL BOXES.
- 6 SEE "EP" DRAWINGS FOR QUANTITIES AND 120VAC CIRCUITING OF FIRE SMOKE DAMPERS (FSD) AND CONTROL DAMPERS. PROVIDE ONE (1) 20-AMPERE RELAY FOR EACH ZONE/RELAY SHOWN ON FSD ZONE SCHEDULE, SHEET 6E700.
- 7 MECHANICAL UNITS LOCATED ON ROOF. VERIFY EXACT LOCATION WITH DIVISION 23 15 PRIOR TO SUBMITTING BID.
- 8 FACP LOCATED IN MDF ROOM



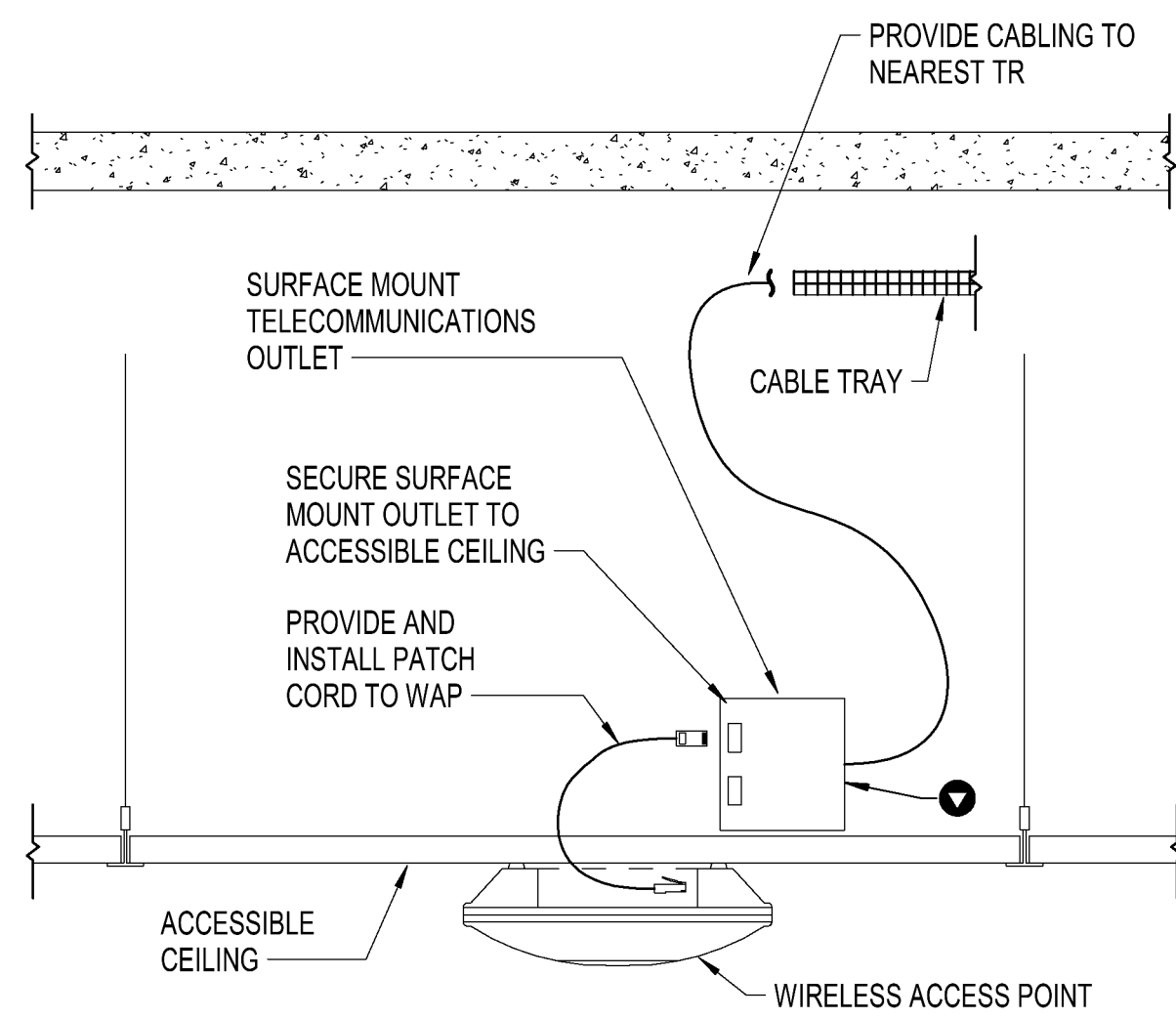
10 **TELECOMMUNICATIONS GROUNDING RISER**
T3.00 NOT TO SCALE



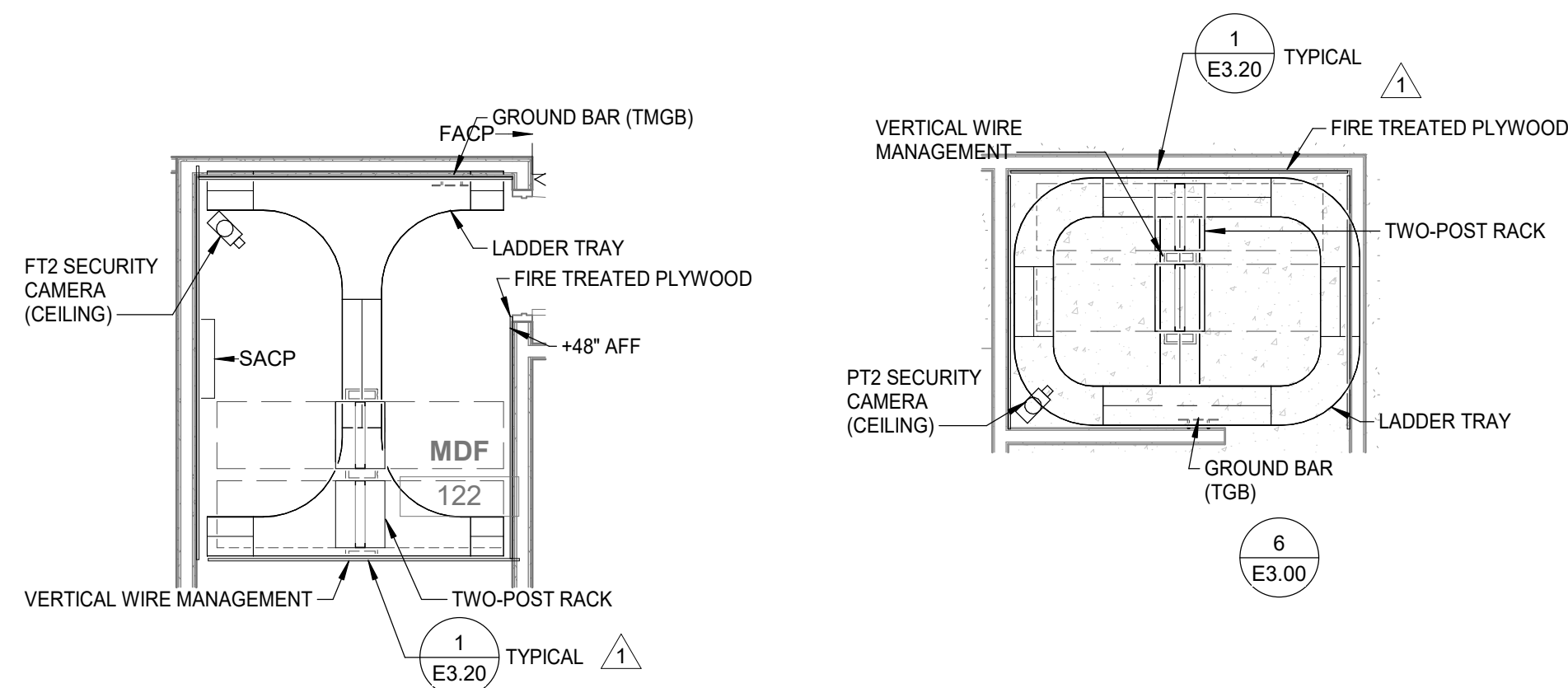
5 **TWO PORT**
T3.00 NOT TO SCALE



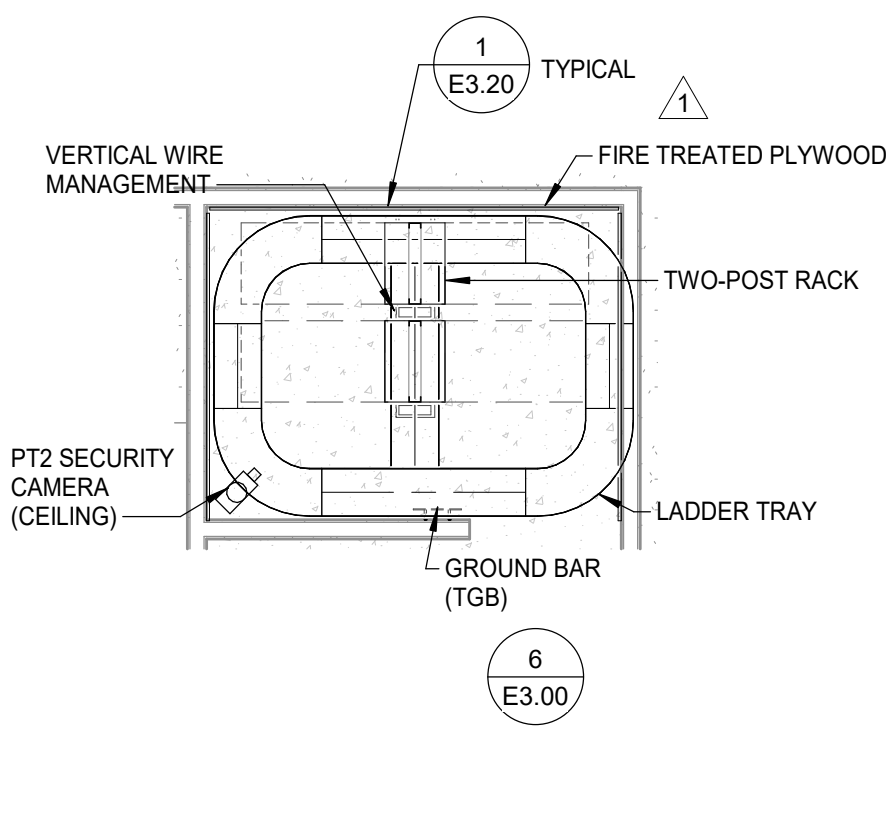
6 **WALL MOUNT WAP**
T3.00 NOT TO SCALE



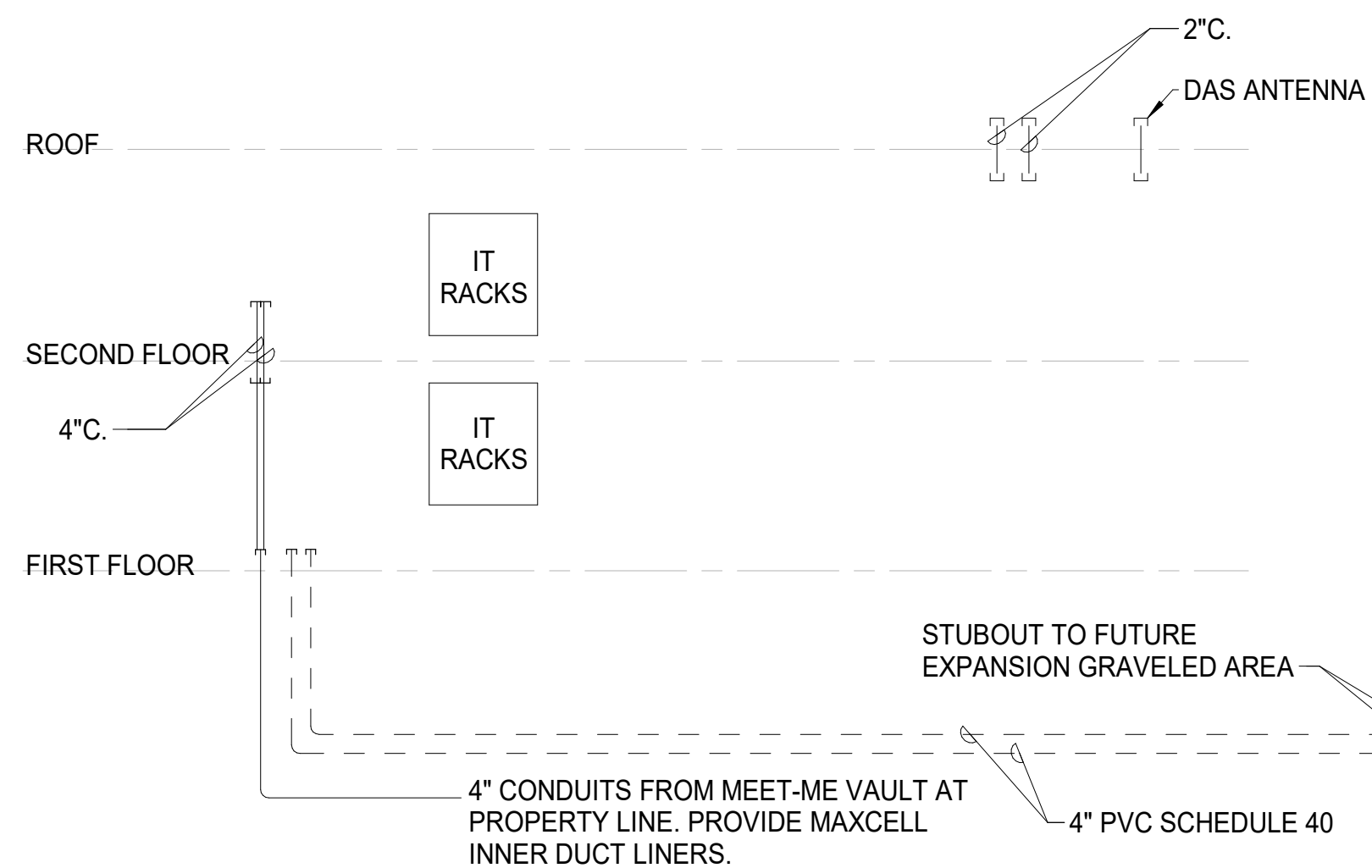
7 **WAP CEILING (ACC)**
T3.00 NOT TO SCALE



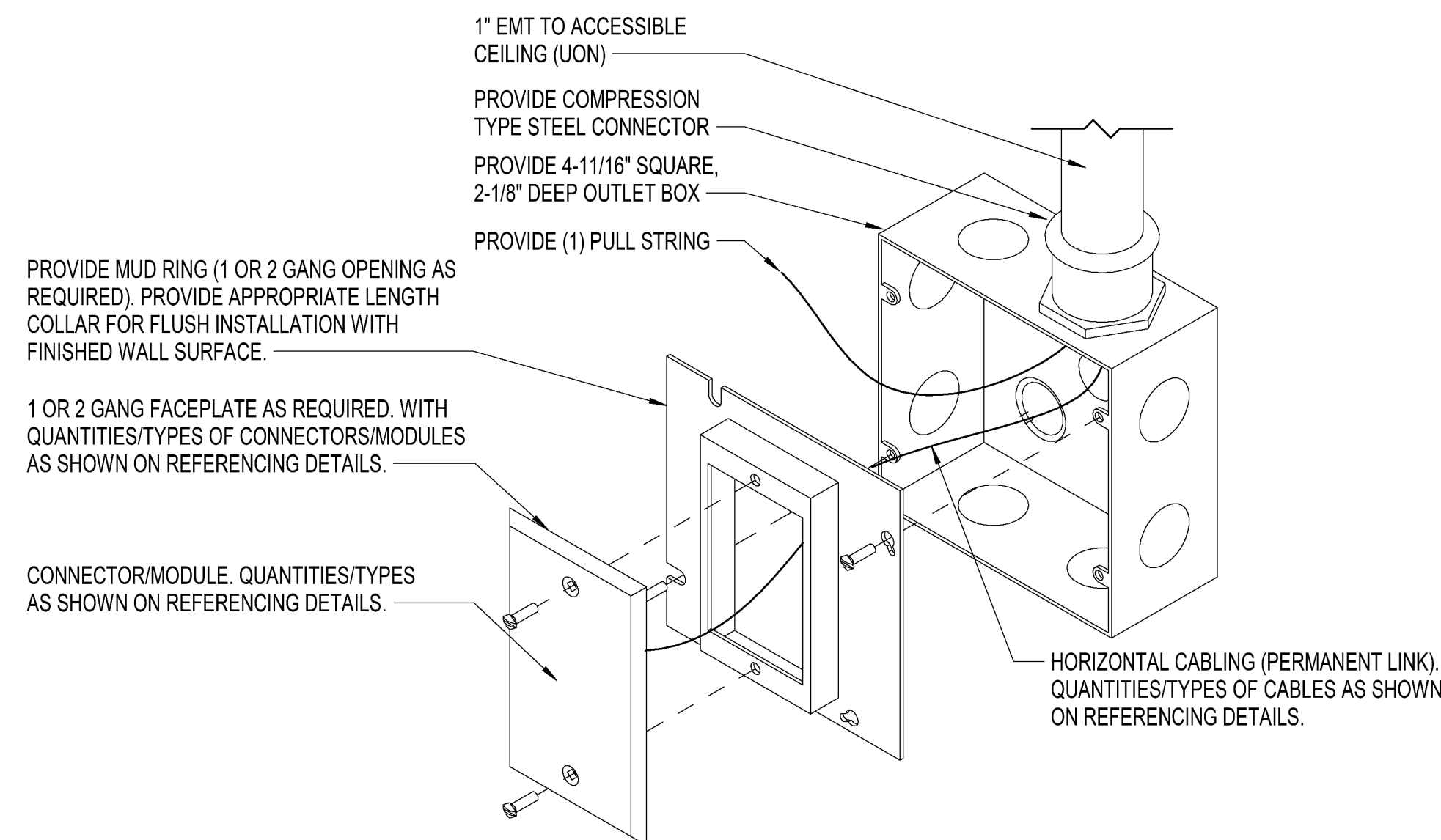
1 **ENLARGED MDF - TELECOMM**
T3.00 Scale: 1/4\"/>



2 **ENLARGED IDF - TELECOMM**
T3.00 Scale: 1/4\"/>



3 **TELECOM RISER DIAGRAM**
T3.00 NOT TO SCALE



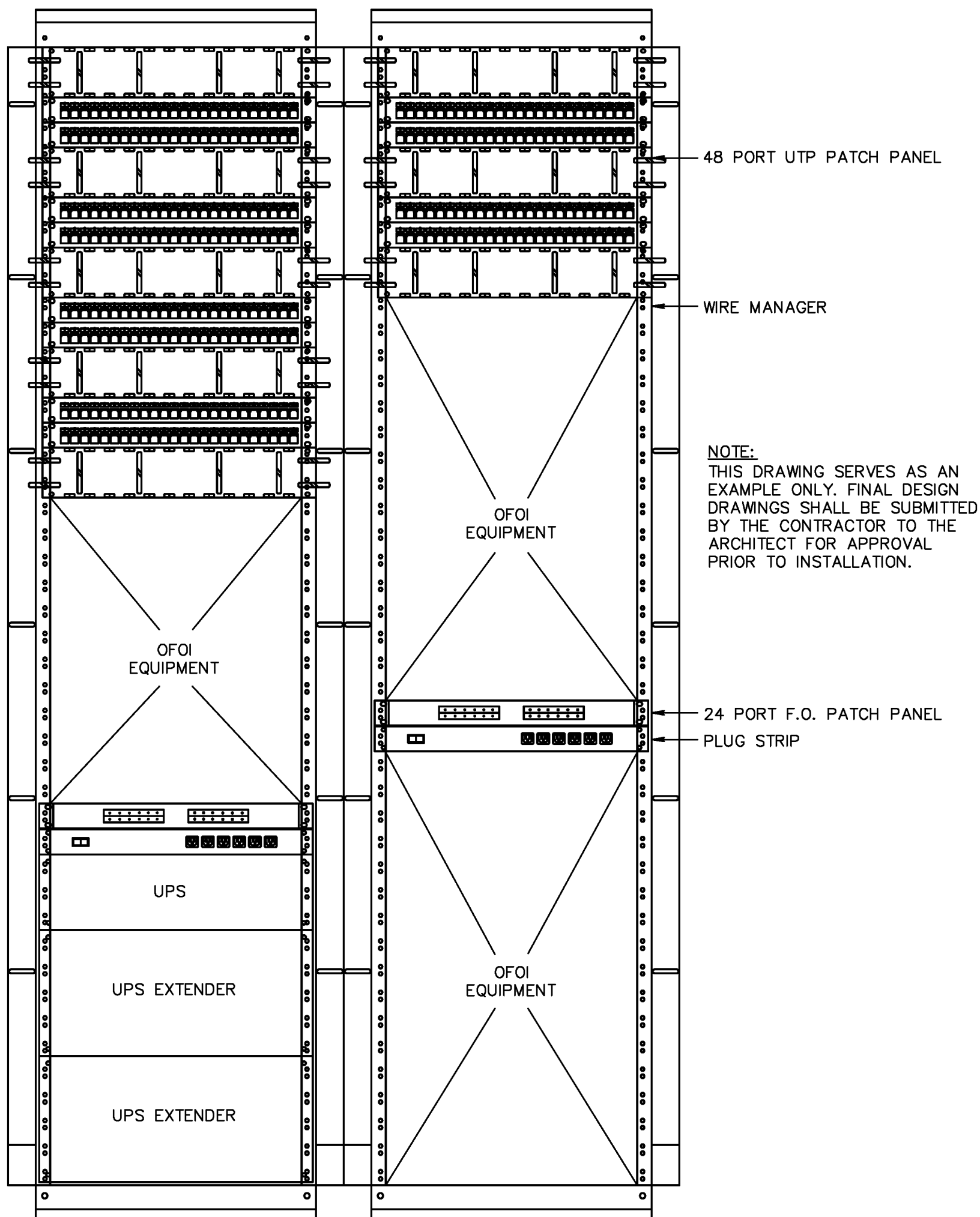
4 **TELECOMM OUTLET**
T3.00 NOT TO SCALE



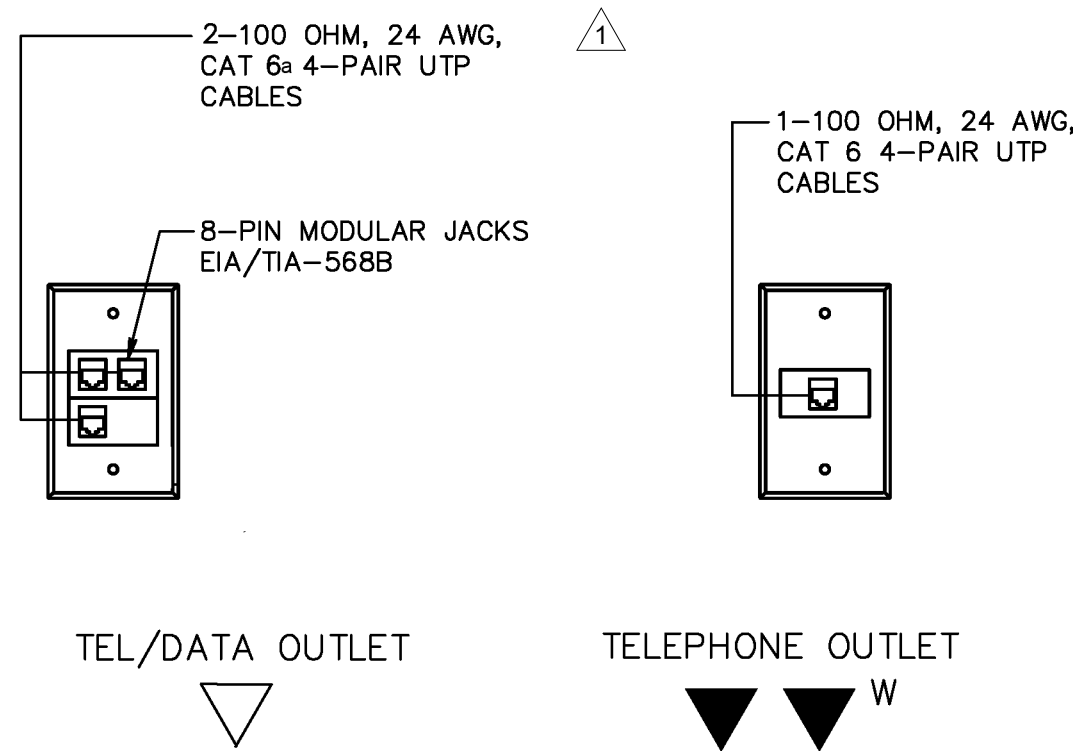
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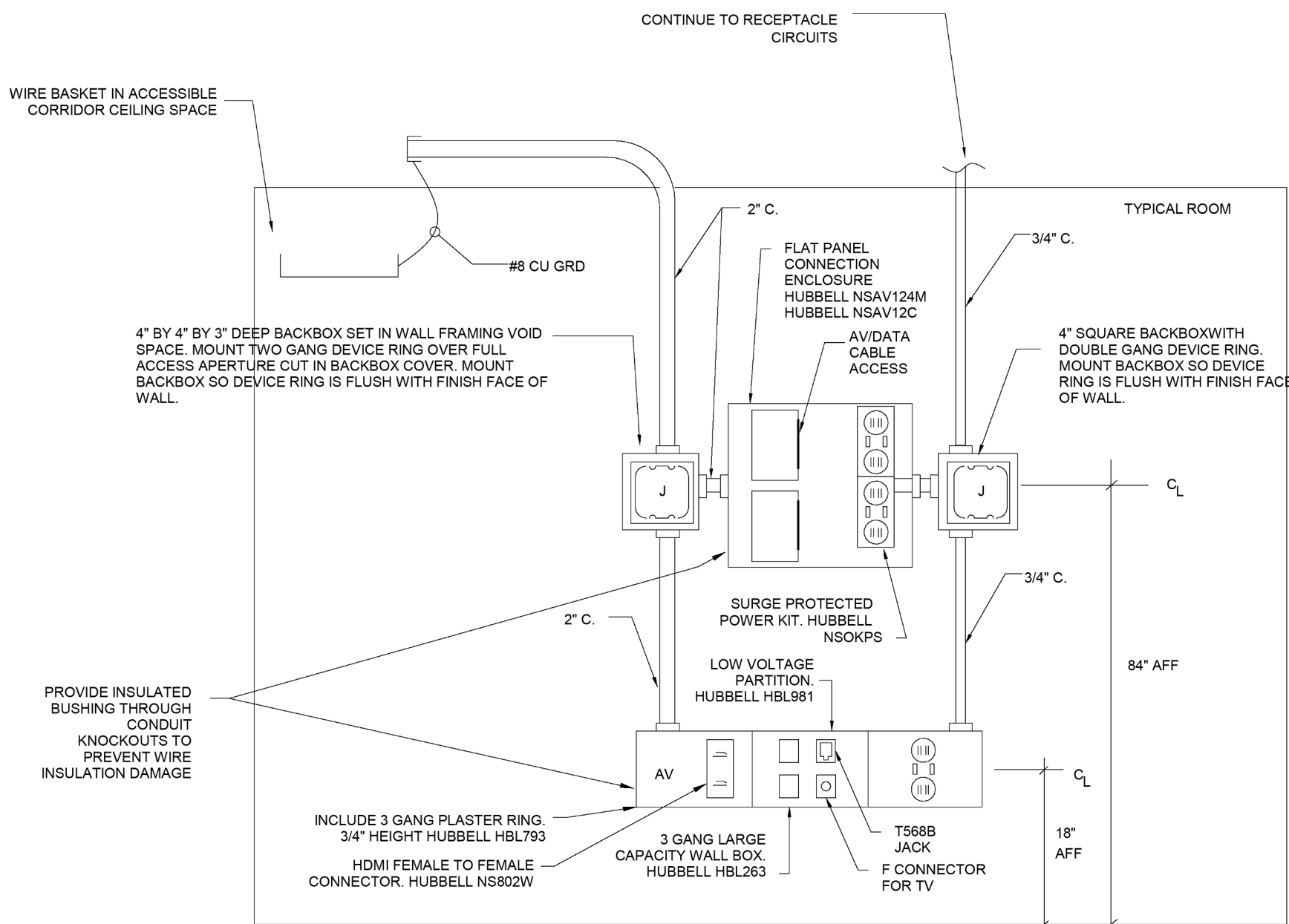
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1 TELECOMMUNICATIONS WALL MOUNTED RACK ELEVATION
T3.20 NOT TO SCALE



2 TELECOMMUNICATIONS OUTLET CONFIGURATIONS
T3.20 NOT TO SCALE



3 VIDEO SCREEN ELEVATION
T3.20 NOT TO SCALE