

ABBREVIATIONS		
A	AMPERE (AMP)	JB JUNCTION BOX
AAF	ABOVE ACCESS FLOOR	KV KILOVOLT
ABF	ARBLAWN 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
OCVT	CLOSED CIRCUIT TELEVISION	OFE OWNER FURNISHED EQUIPMENT
CF	CELLULAR FLOOR	OFO OWNER FURNISHED, OWNER INSTALLED
CKT	CIRCUIT	OSP OUTSIDE PLANT
CLG	CEILING	PA PUBLIC ADDRESS
CO	CENTRAL OFFICE	PB PULL BOX
OPE	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	PV 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	TL 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	TTB 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	W 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, AND 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

ONE-LINE SYMBOLS	
	CONDUCTORS & CONDUIT
	CONDUCTORS & CONDUIT TO BE REMOVED
	CIRCUIT BREAKER, MOLDED CASE SWITCH
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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

BID SET INDEX - ELECTRICAL		
E0.01	ELECTRICAL LEGEND & ABBRIVIATIONS	BID SET - PHASE 1
E0.10	SITE PLAN - POWER	BID SET - PHASE 1
E1.00	FIRST FLOOR PLAN - POWER	BID SET - PHASE 1
E3.00	ELECTRICAL DETAILS	BID SET - PHASE 1
E4.00	ONE- LINE DIAGRAM	BID SET - PHASE 1
F1.00	FIRST FLOOR PLAN - FIRE ALARM	BID SET - PHASE 1
L0.10	SITE PLAN - LIGHTING	BID SET - PHASE 1
L1.00	FIRST FLOOR PLAN - LIGHTING	BID SET - PHASE 1
L2.00	SECOND FLOOR PLAN - LIGHTING	BID SET - PHASE 1
L3.00	LIGHTING DETAILS	BID SET - PHASE 1
T1.00	FIRST FLOOR PLAN - TELECOMM	BID SET - PHASE 1
T2.00	SECOND FLOOR PLAN - TELECOMM	BID SET - PHASE 1
T3.10	TELECOMM DETAILS CONT.	BID SET - PHASE 1



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Bid Set		10-02-26
1 Addendum #1		10-19-26



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Bid Set	10-02-26
1 Addedndum #1	10-19-26

SITE PLAN -
POWER

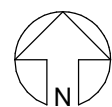
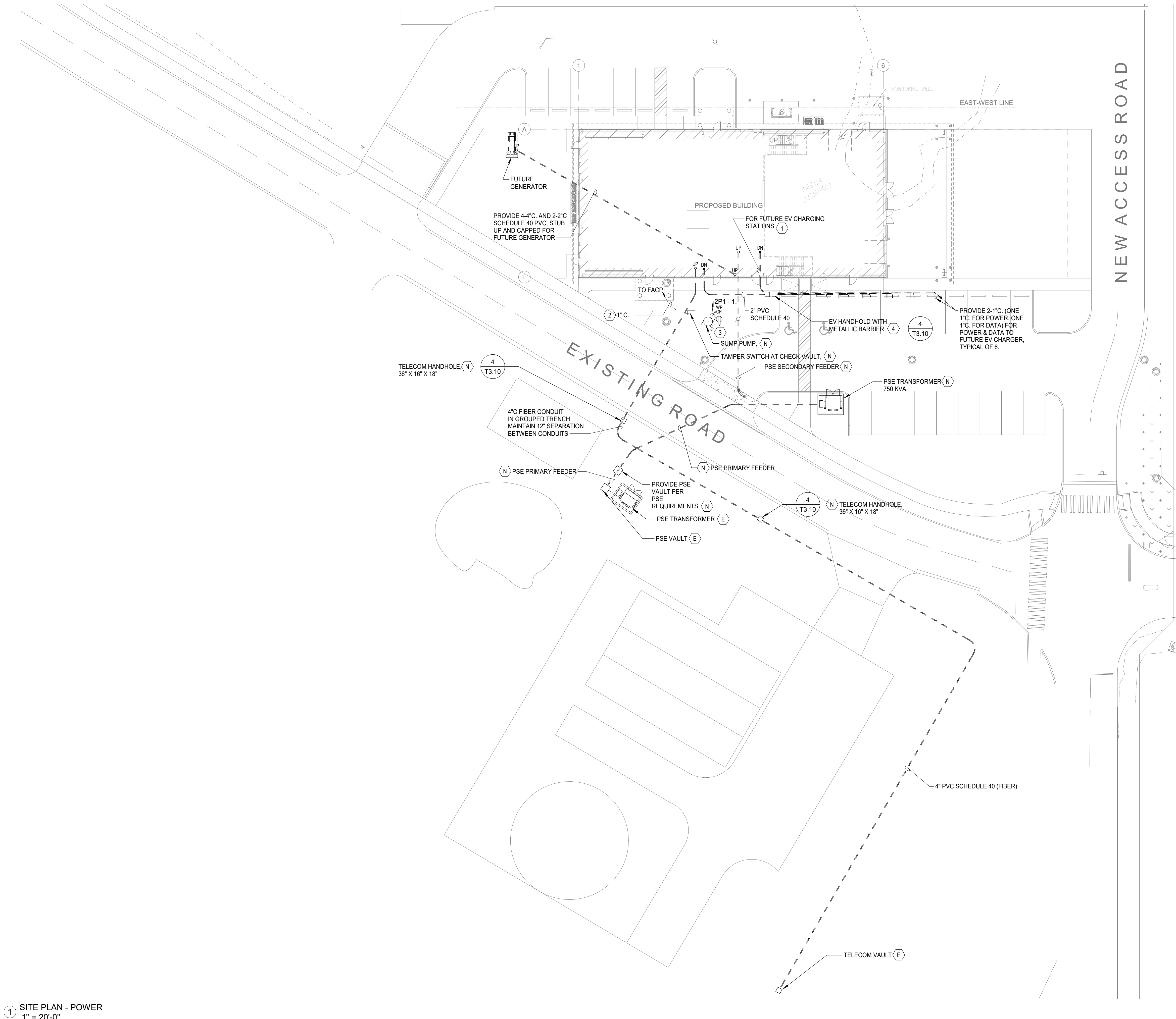
E0.10

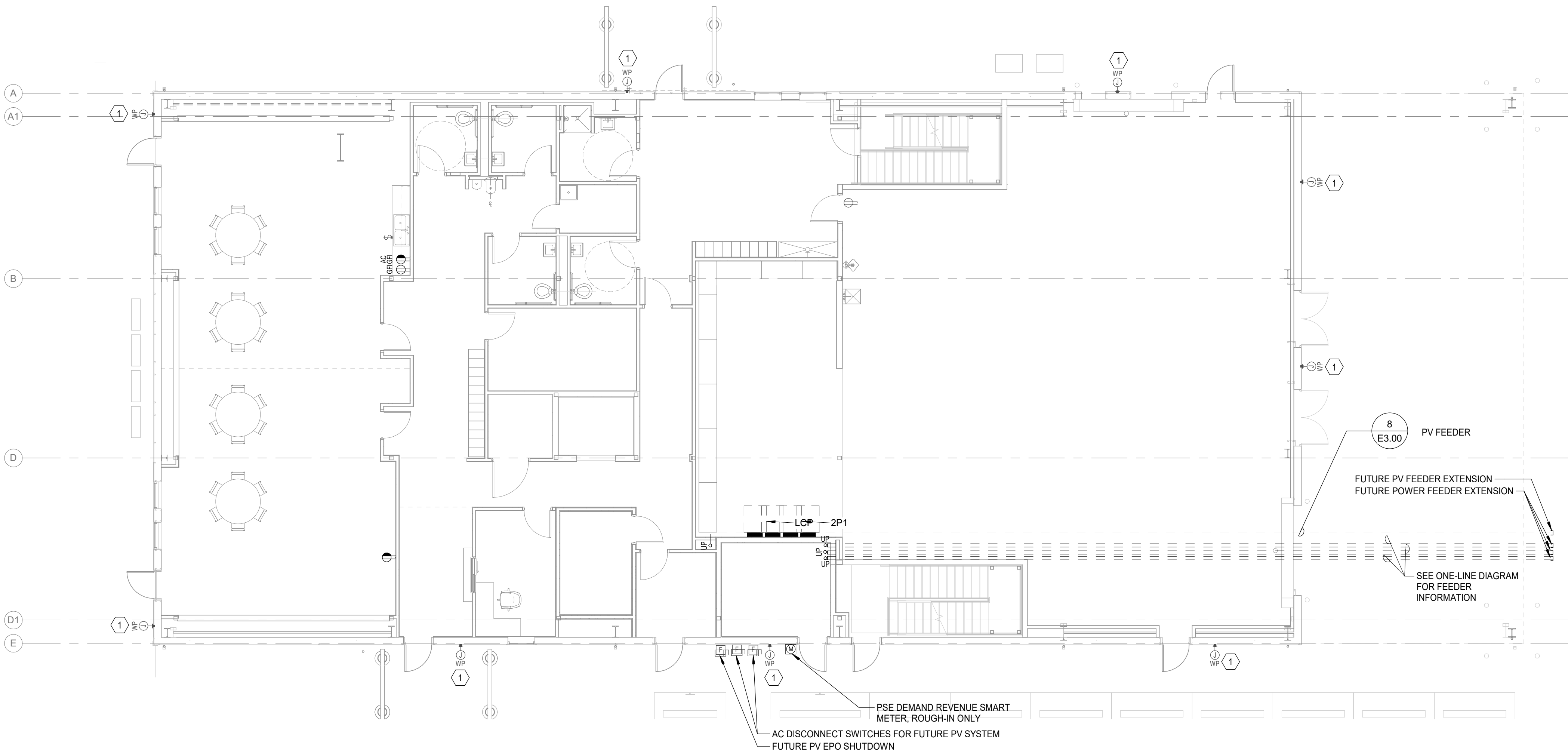
GENERAL NOTES:

- 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 4/T3.10.

KEYED NOTES: #

- PROVIDE (1) 3" C. FROM MAIN ELECTRICAL ROOM TO HANDHOLE FOR FUTURE USE. PROVIDE PULL STRING AND END BUSHINGS ON TERMINATED AND STUBBED UP ENDS.
- STUB UP CONDUIT FOR FUTURE FACP IN FUTURE MDF ROOM.
- STUB UP CONDUIT FOR FUTURE PANEL IN FUTURE FIRST FLOOR ELECTRICAL ROOM.
- PROVIDE A 24" X 24" X 12" POLYMER CONCRETE HANDHOLE.





1
E1.00 FIRST FLOOR PLAN - POWER PHASE 1
Scale: 1/8" = 1'-0"



GENERAL NOTES:

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- 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:

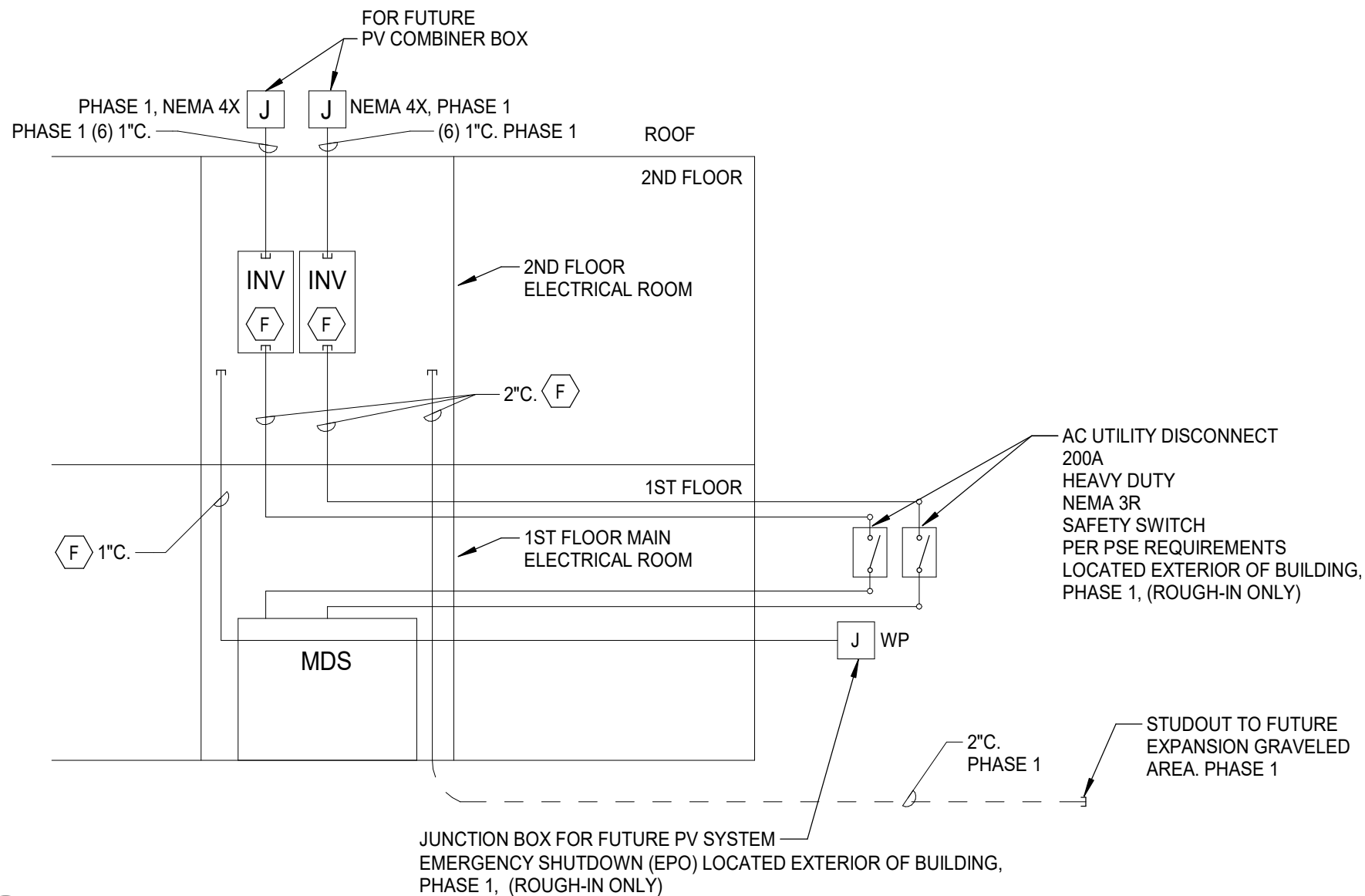
- PROVIDE ROUGH-IN FOR FUTURE GF/IMP RECEPTACLES.



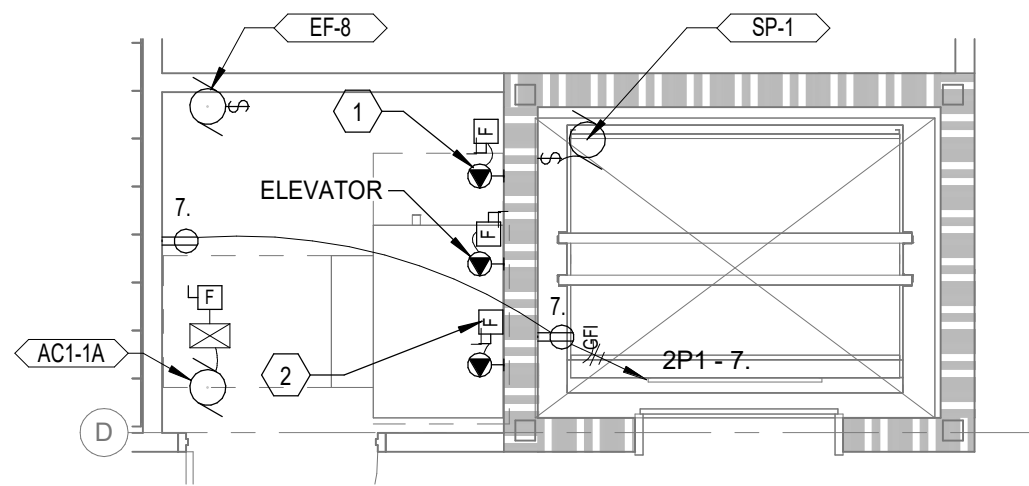
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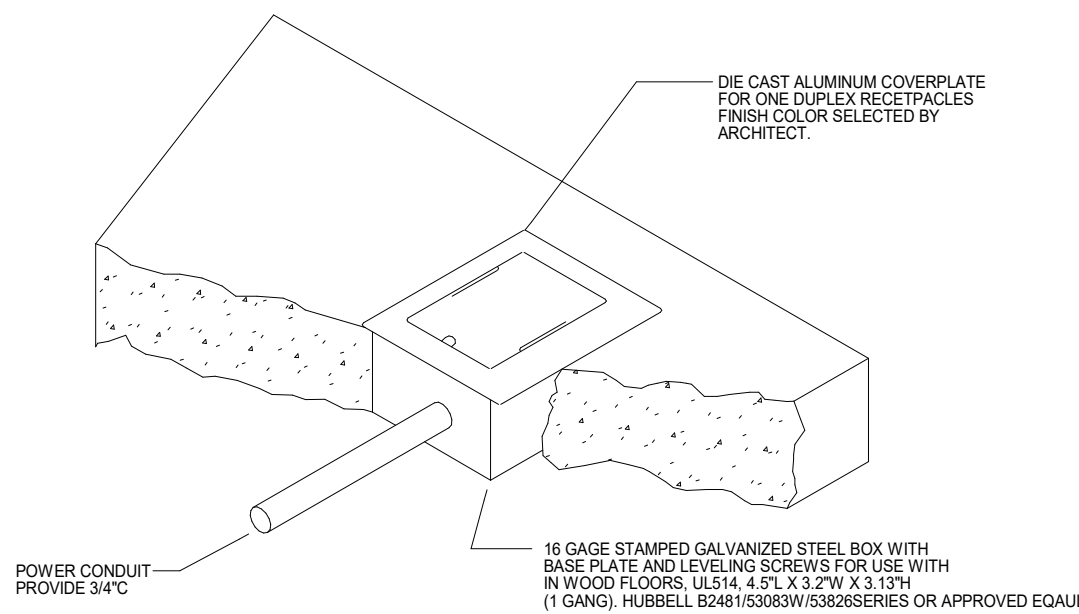
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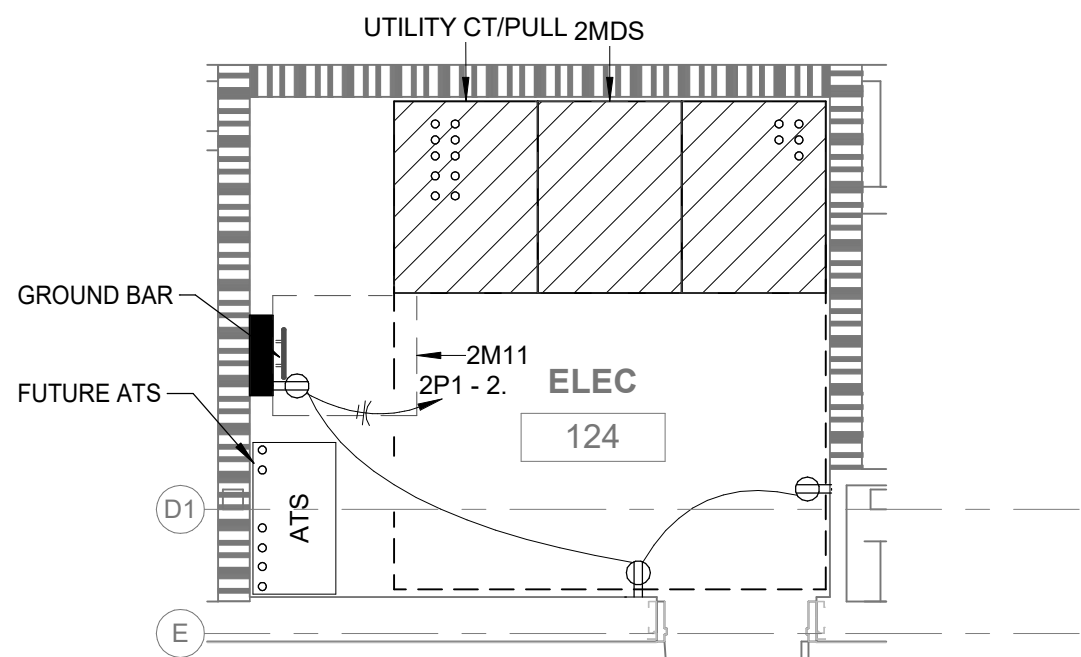
8 PV READY RISER DIAGRAM
E3.00 NOT TO SCALE



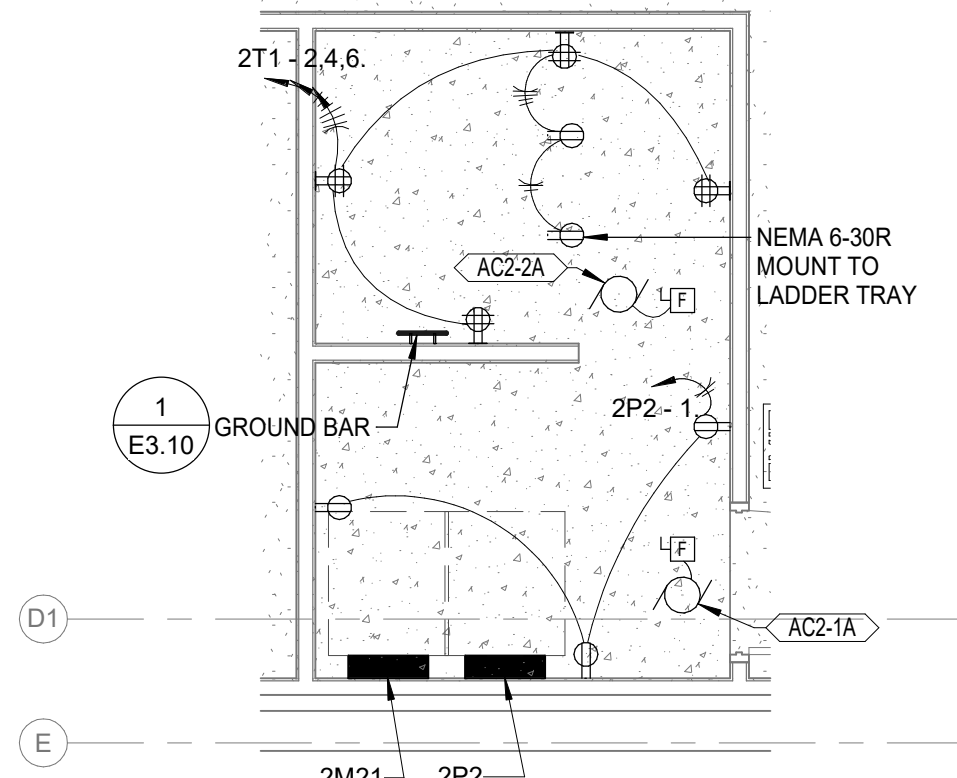
4 ENLARGED ELEVATOR PLAN - POWER
E3.00 Scale: 1/4" = 1'-0"



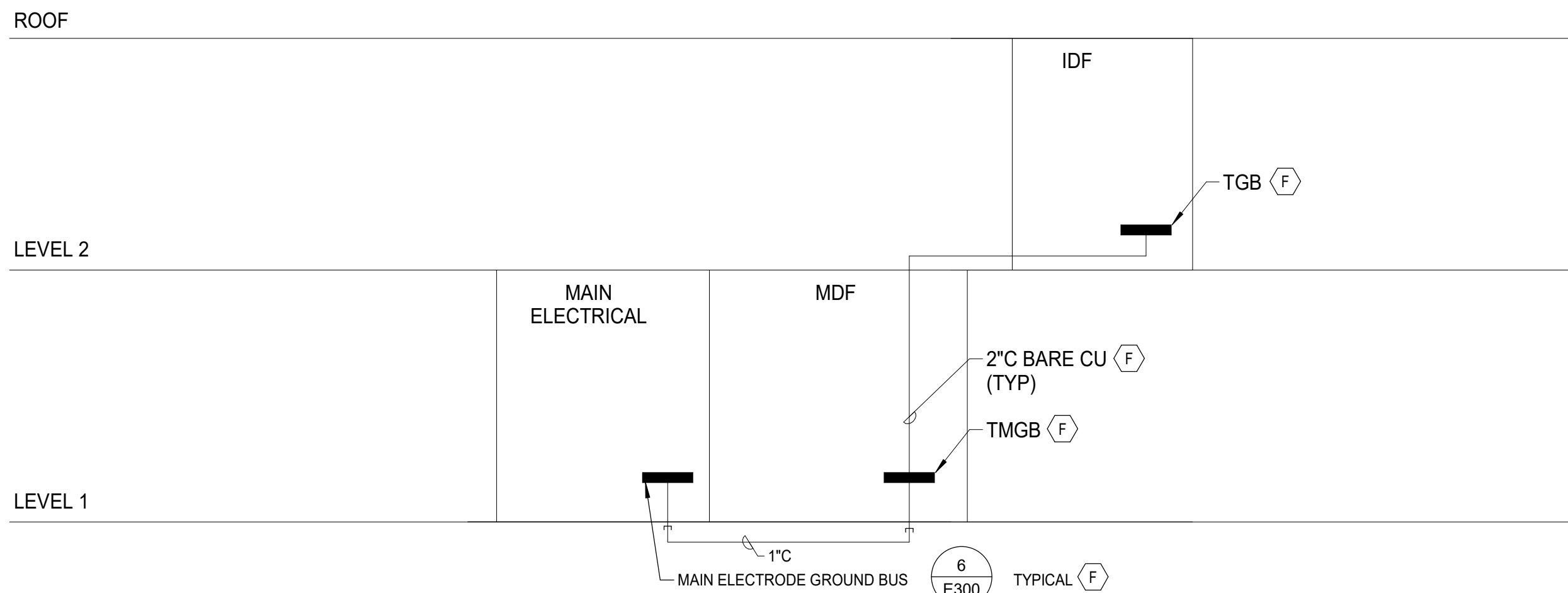
5 FLOOR BOX
E3.00 NOT TO SCALE



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

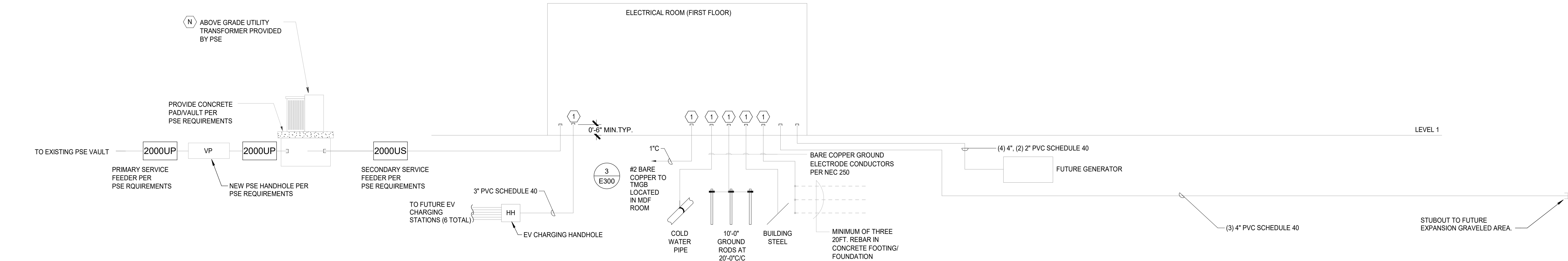
GENERAL NOTES:

- A. 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 SEISMIC 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, (42) 20A-1P BRANCH CIRCUIT BREAKERS, PANELS, ELECTRICAL EQUIPMENT AND OVER CURRENT DEVICES SHALL BE RATED FOR THE AVAILABLE CURRENT. UON.
- E. PROVIDE ARC FLASH STUDY STAMPED 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. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT MOC/P, MCA, FLA INFORMATION AND ADDITIONAL ELECTRICAL REQUIREMENTS.
- H. PROVIDE SPD IN ALL LIFE SAFETY PANELS.
- I. ALL PANELS ARE BOLT-ON, COPPER BUSES, FULL NEUTRAL BUS. DOOR IN DOOR CONSTRUCTION.
- J. ALL FEEDERS SHALL BE COPPER CONDUCTORS WITH SEPARATE EQUIPMENT GROUND CONDUCTOR IN EACH FEEDER CONDUIT BONDED TO 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.
- N. SUBMIT MANUFACTURER'S SHOP DRAWINGS OF SWITCHBOARDS AND CT/TERMINAL SECTIONS FOR REVIEW AND APPROVAL BY PSE PRIOR TO FABRICATION. SWITCHBOARD, CT/TERMINAL SECTIONS SHALL COMPLY WITH PSE AND PER "EUSERC" STANDARDS/REQUIREMENTS.

KEYED NOTES: ⬡ #

- 1. PROVIDE 10FT OF SLACK FOR FUTURE EXTENSION.

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



1 ONE - LINE DIAGRAM - PHASE 1
E4.00 Scale: N.T.S



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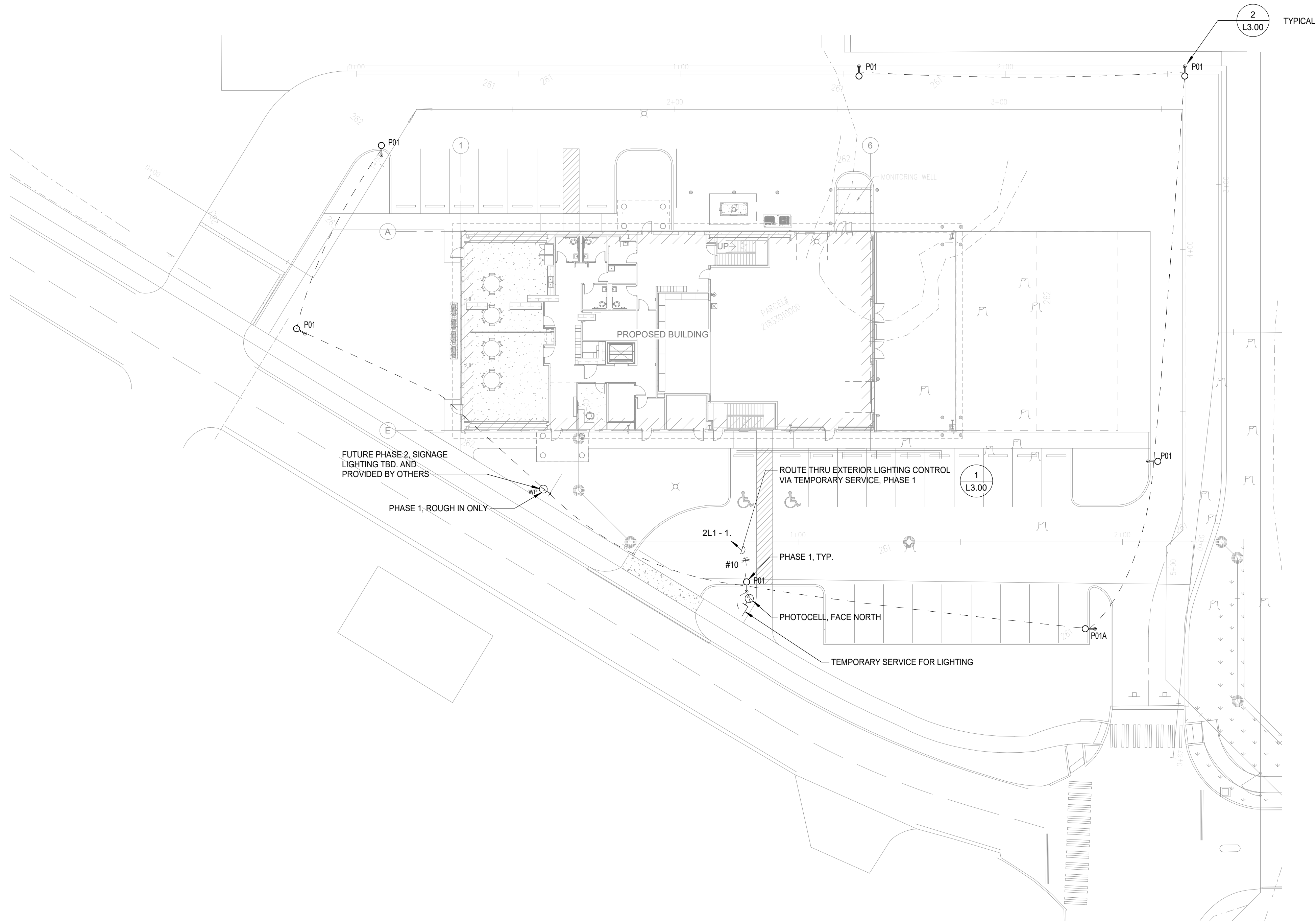
GENERAL NOTES:

- 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. PROVIDE TEMPORARY SERVICE FOR PHASE 1 ELECTRICAL LOADS AND SITE LIGHTING (P01).
- D. PROVIDE EXTERIOR LIGHTING CONTROL FOR SITE LIGHTING (P01) PER WAC LIGHTING ENERGY CODE (TIME CLOCK, PHOTOCELL, CONTACTORS IN NEMA 3R LOCKABLE ENCLOSURE).

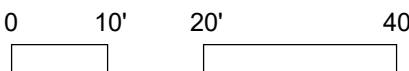


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1 SITE PLAN - LIGHTING
L0.10 Scale: 1" = 20'-0"

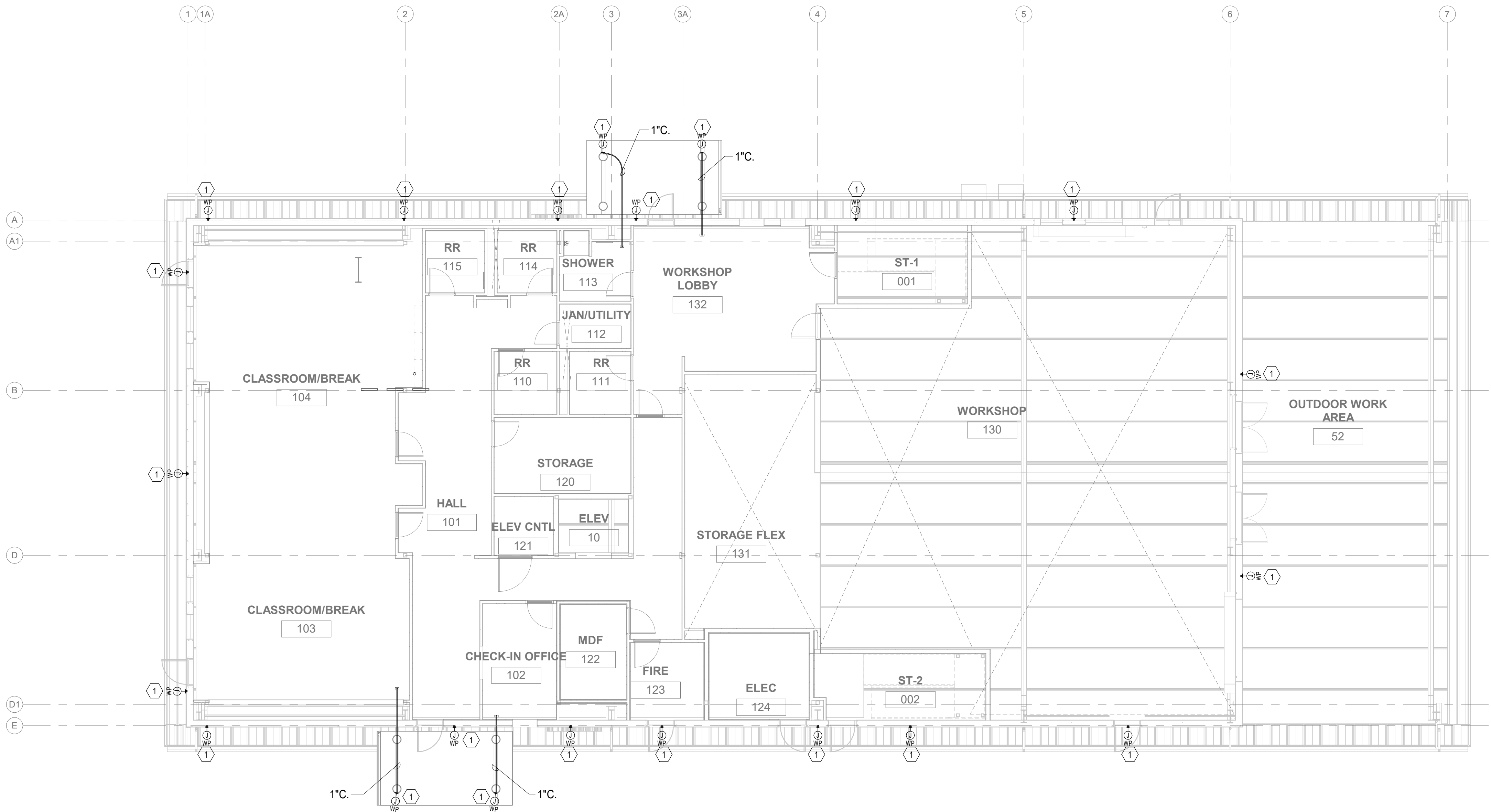


GENERAL NOTES:

- 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.
- C. COORDINATE ALL WALL MOUNTED AND PENDANT FIXTURE HEIGHTS WITH AOR.
- D. W01, W05, W06, W06A ROUGH-IN ONLY IN PHASE 1.

KEYED NOTES:

1. PROVIDE ROUGH-IN FOR FUTURE LUMINAIRE.



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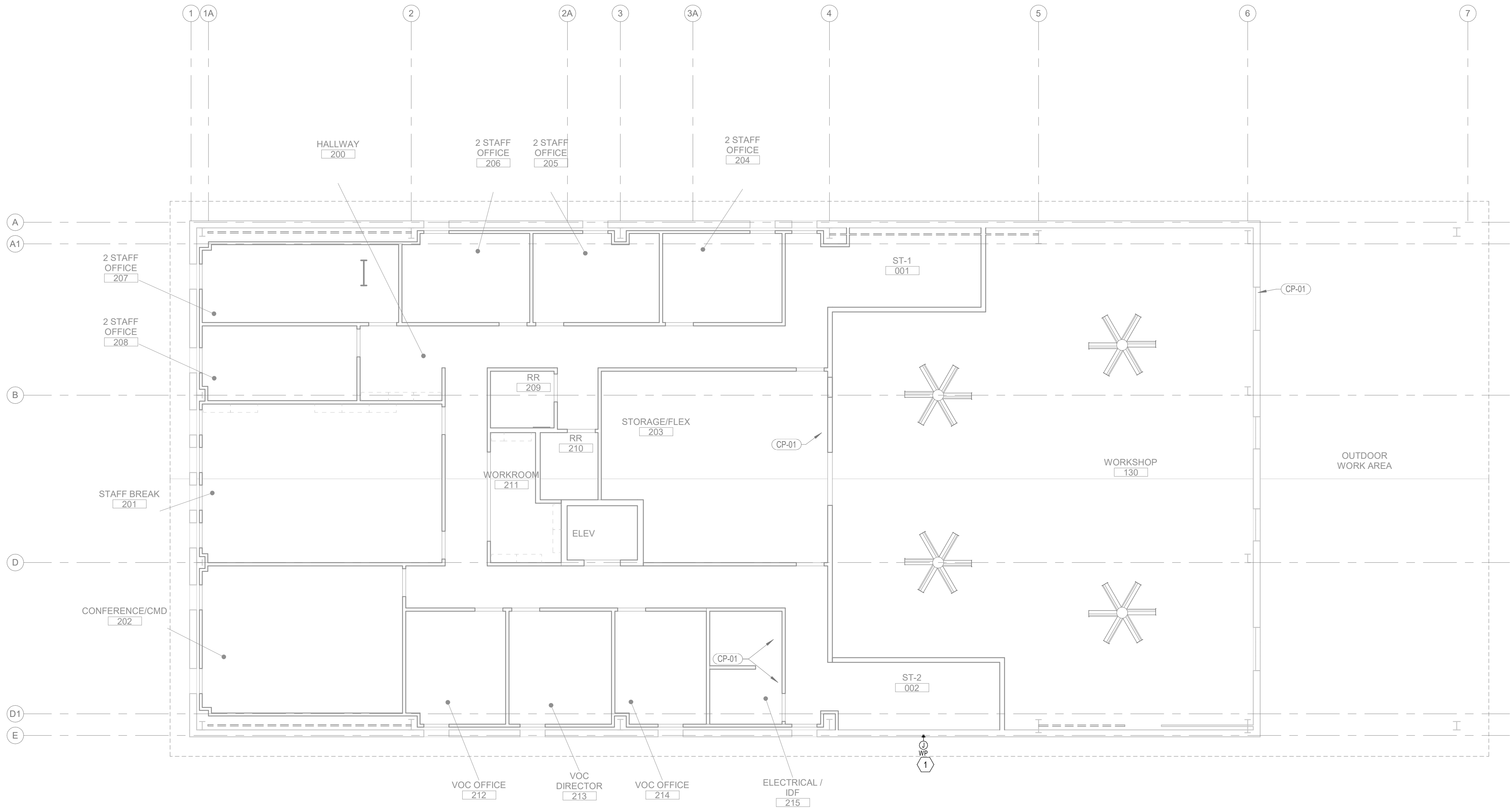
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GENERAL NOTES:

- 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. COORDINATE ALL S04 MOUNTING LOCATIONS WITH MECHANICAL EQUIPMENT IN SPACE.
- E. MOUNT ALL S02/S02A FIXTURES SO THAT BOTTOM OF FIXTURE IS AT 8'-0" AFF.

KEYED NOTES:

1. PROVIDE ROUGH-IN FOR FUTURE LUMINAIRE.



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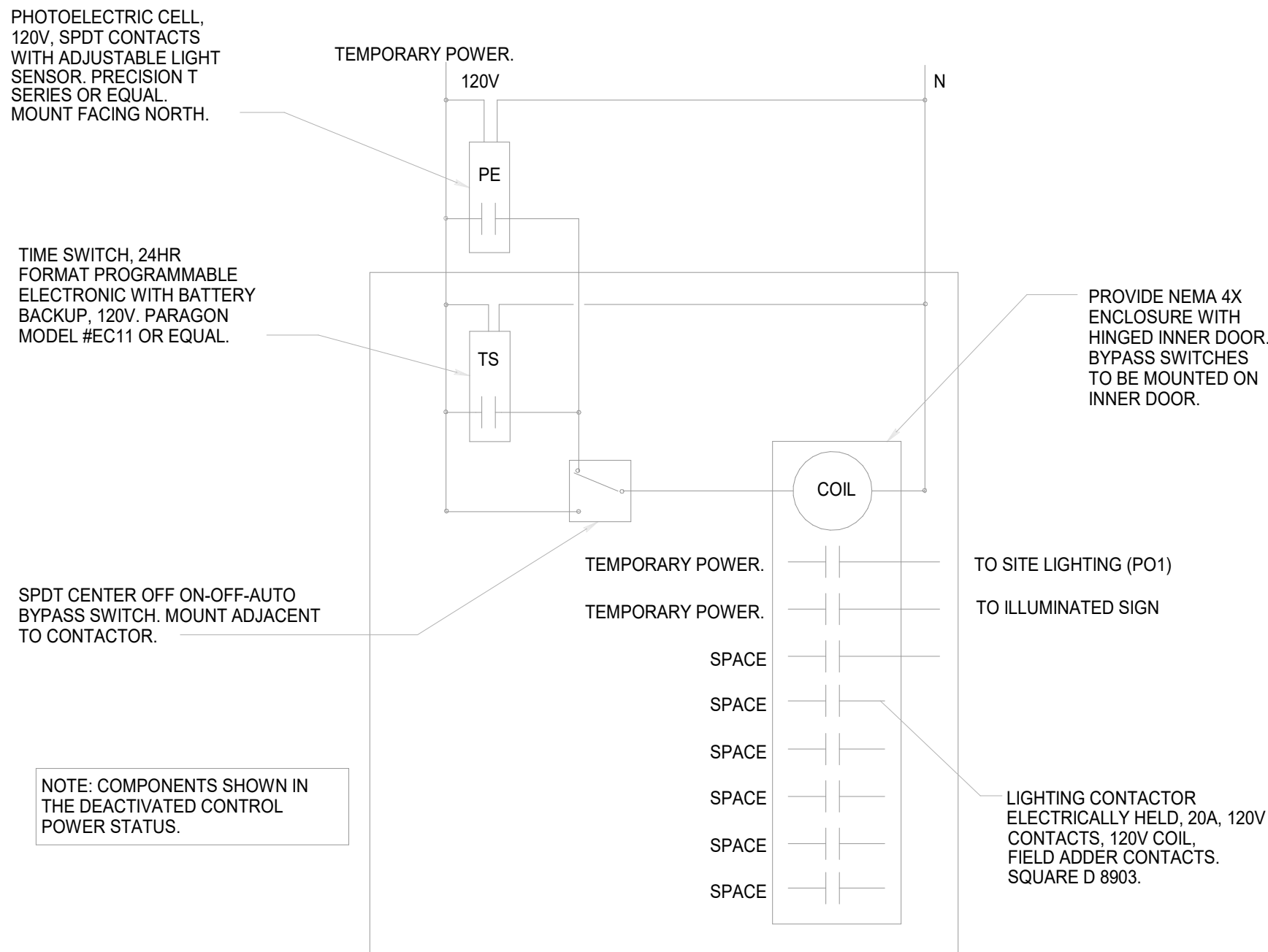


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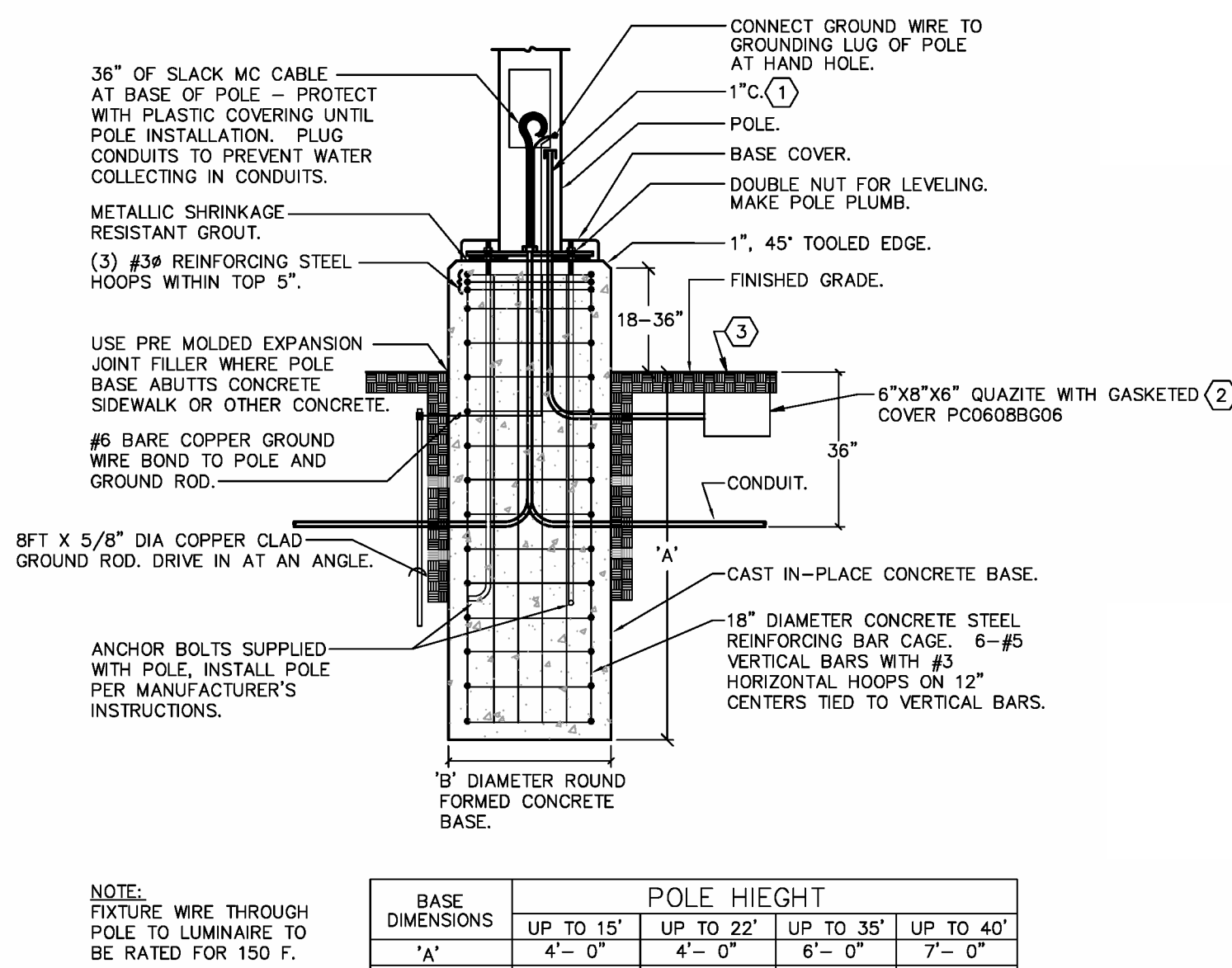
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1 EXTERIOR LIGHTING CONTROL DIAGRAM - PHASE 1
L3.00 NOT TO SCALE



2 POLE ANCHOR BASE WITH GROUND ROD DETAIL
L3.00 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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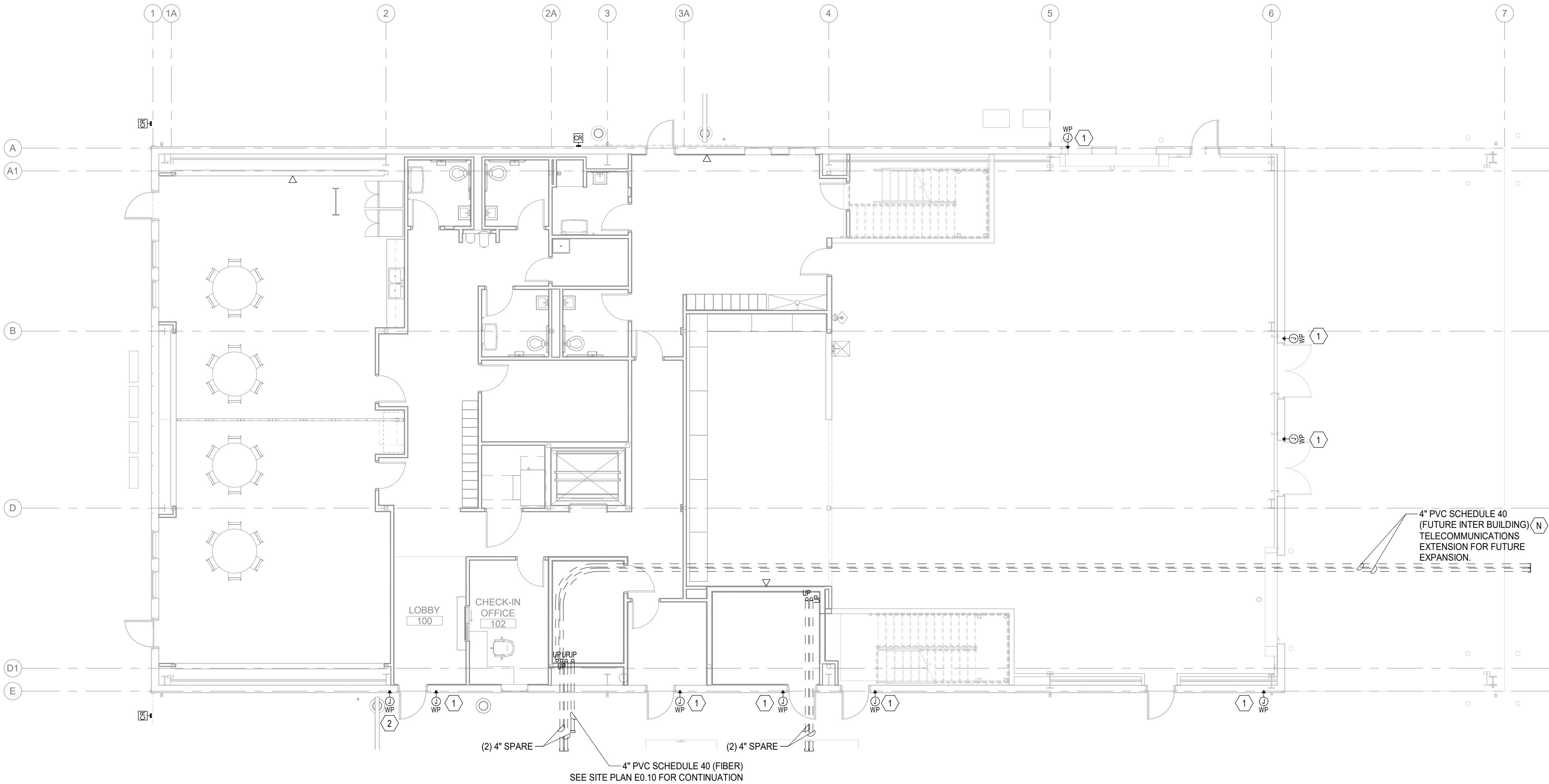


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FIRST FLOOR
PLAN - TELECOMM
T1.00

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1
T1.00
Scale: 1/8" = 1'-0"

FIRST FLOOR PLAN - TELECOMM PHASE 1

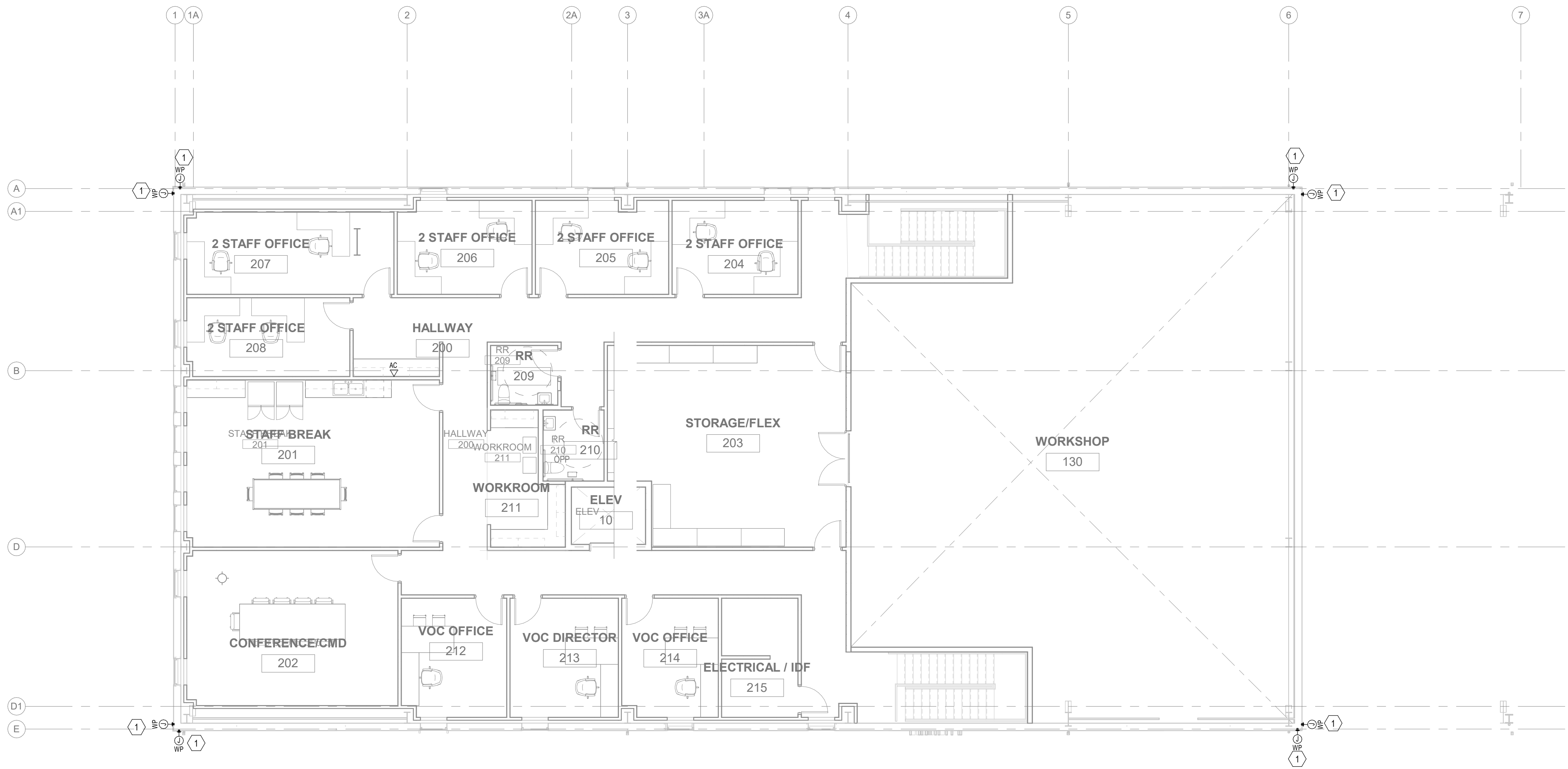


GENERAL NOTES:

- 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.

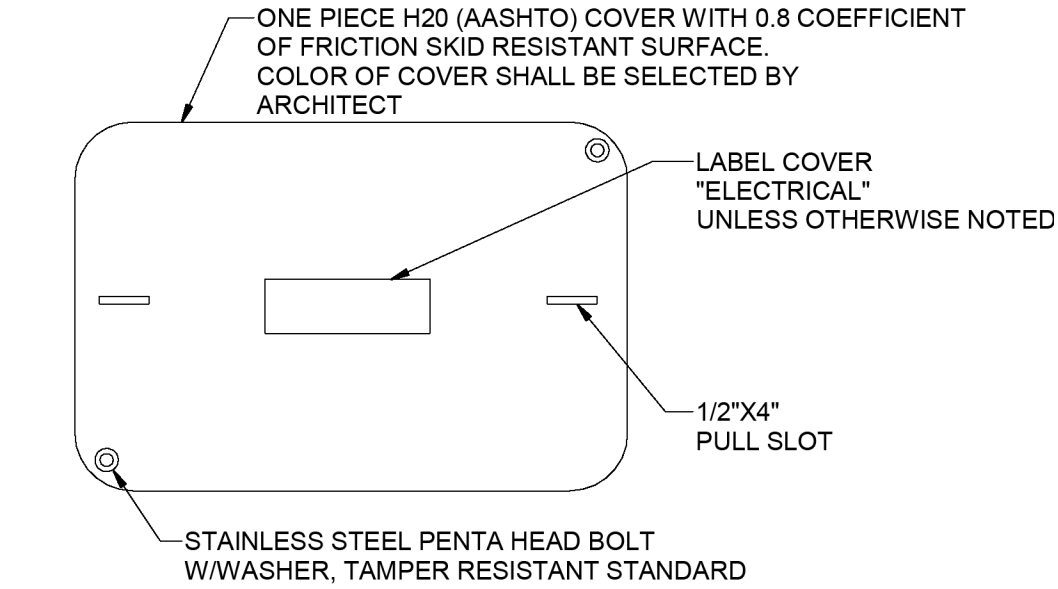
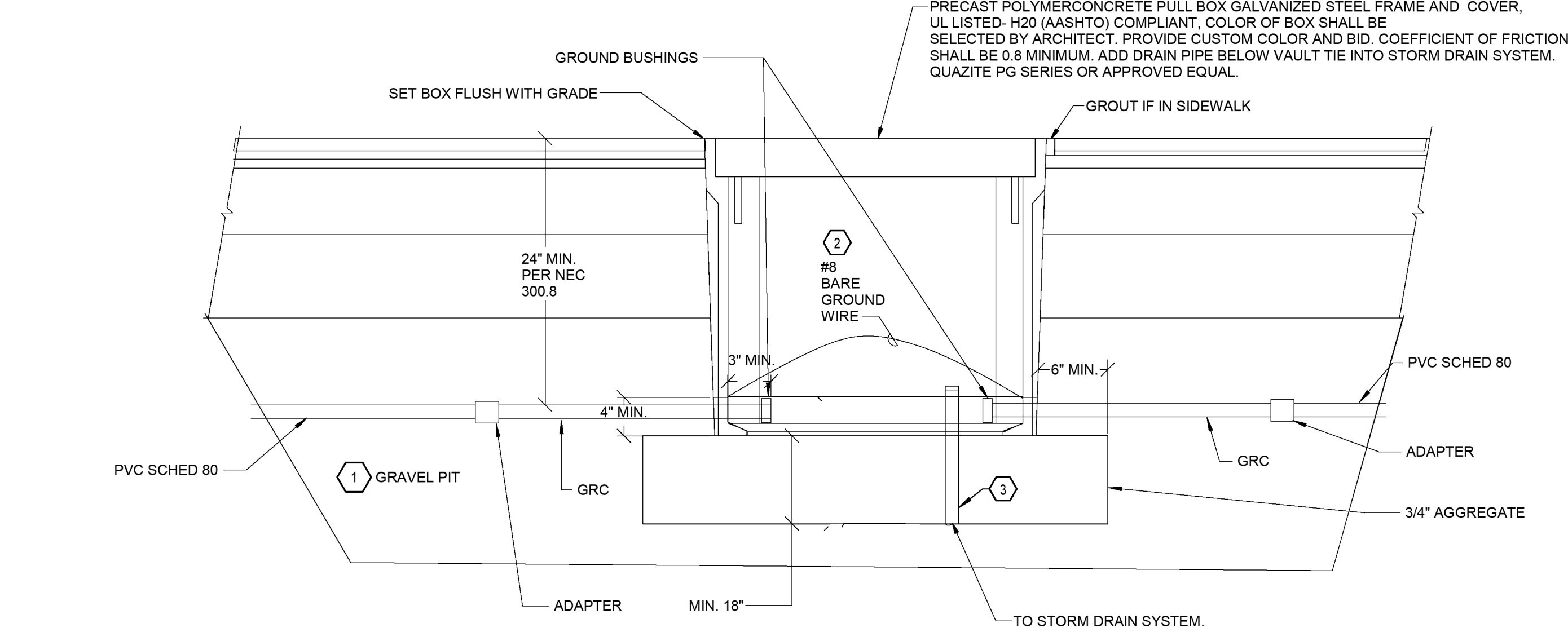
KEYED NOTES: #

1. PROVIDE ROUGH-IN FOR FUTURE SECURITY VIDEO SURVEILLANCE CAMERAS.



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COVER

BOX DIMENSIONS	
TYPE 1:	30" X 17" X 36"

KEY NOTES:

1. INSTALL ON 3/4" AGGREGATE WHICH SHALL EXTEND A MINIMUM OF 6" BEYOND ALL SIDES OF BOX AND BE A MINIMUM OF 18" DEEP, BELOW THE BOX.
2. COORDINATE DRILLING OF BOX WITH MANUFACTURER PRIOR TO DRILLING. DRILLED CONDUIT HOLES SHALL NOT EXCEED 26% PER MANUFACTURER'S INSTRUCTIONS.
3. PROVIDE CUSTOM COLOR IN BID. ADD 1 1/2" DRAIN PIPE BELOW VAULT AND CONNECT TO STORM DRAIN SYSTEM.

4 HANDHOLE - PHASE 1
T3.10 NOT TO SCALE



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