

GENERAL NOTES - REMOVALS	
A.	THIS INFORMATION REPRESENTS EXISTING CONDITIONS BASED ON ORIGINAL DRAWINGS AND OBSERVED SITE CONDITIONS. NOT ALL CONDUIT, WIRE, FIXTURES AND DEVICES ARE SHOWN. FIELD VERIFY THE EXACT REQUIREMENTS IN ALL REMOVAL AREAS. DISCONNECT AND REMOVE ALL ELECTRICAL WORK THAT IS SHOWN DASHED ON REMOVAL PLANS AND ALL ELECTRIC WORK IN RENOVATION AREAS THAT IS NOT BEING REUSED. REMOVE ALL BRANCH CIRCUITING, LOW VOLTAGE CABLING, SUPPORTING DEVICES, RACEWAY, AND ASSOCIATED TERMINATION HARDWARE.
B.	"ERL" ADJACENT TO A DEVICE, FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO BE RELOCATED. DISCONNECT AND REMOVE THE ITEM. REMOVE ALL UNNECESSARY RACEWAY AND WIRING. REINSTALL AND RECONNECT THE ITEM AS REQUIRED.
C.	"EXR" ADJACENT TO A DEVICE FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO REMAIN. MAINTAIN EXISTING CONNECTIONS TO EQUIPMENT UNLESS NOTED OTHERWISE.
D.	PROVIDE FIRE STOPPING CUTTING, PATCHING AND PAINTING AS REQUIRED TO REPAIR HOLES OR OTHER PHYSICAL DEFECTS CAUSED BY THE REMOVAL OR INSTALLATION OF EQUIPMENT AND DEVICES. THE CONTRACTOR SHALL PROVIDE A QUALIFIED TRADES PERSON TO RESTORE FINISHED WALLS TO ORIGINAL CONDITIONS AND PAINT TO MATCH EXISTING COLORS.
E.	PROVIDE STAINLESS STEEL BLANK COVER PLATES ON ALL UNUSED ELECTRICAL BOXES AFTER DEMOLITION AND INSTALLATION WORK IS COMPLETE. PROVIDE CEILING TILE REPLACEMENT FOR ALL ELECTRICAL ITEMS MOUNTED TO CEILING AFTER REMOVALS.
F.	WHERE EXISTING DEVICES ARE BEING REMOVED AND THE REMOVAL BREAKS AN EXISTING BRANCH CIRCUIT TO DOWNSTREAM DEVICE THE CONTRACTOR SHALL PROVIDE ALL WIRING TO PERMANENTLY RECONNECT THE REMAINING DEVICE EQUIPMENT OR FIXTURE.
G.	THE CONSTRUCTION MANAGER OR GENERAL CONTRACTOR WILL SCHEDULE ALL REMOVAL WORK. PRIOR TO BEGINNING REMOVAL WORK PROVIDE AN EXISTING CONDITION REPORT WITH PICTURES AND SUBMIT TO THE CONSTRUCTION MANAGER. ANY DAMAGES OR EXISTING CONDITIONS THAT ARE NOT DOCUMENTED WILL BE CORRECTED BY THE CONTRACTOR PRIOR TO FINAL COMPLETION.
H.	LEGALLY DISPOSE OF ALL ELECTRICAL WIRING, DEVICES, BALLAST, LAMPS ETC. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING DISPOSAL OF HAZARDOUS WASTE.
I.	FIELD VERIFY ALL IN WALL WIRING WHERE WALLS ARE BEING REMOVED. REROUTE THROUGH WIRING AS REQUIRED.
J.	REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND CLARIFICATION.
K.	THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND IN-WALL BRANCH CIRCUITING WHERE WALLS ARE BEING DEMOLISHED. RELOCATE AND REWORK ALL DEVICES AND BRANCH CIRCUITING TO ALLOW FOR WALL DEMOLITION.

GENERAL NOTES - INSTALLATION	
A.	COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. VERIFY DEVICE LOCATIONS ABOVE MILLWORK TO ENSURE CLEARANCE ABOVE THE COUNTER-TOP AND BACKSPLASH. DEVICES THAT INTERFERE WITH NEW CASEWORK, MILLWORK OR EQUIPMENT SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE CONTRACT.
B.	WHERE DEVICES ARE SCHEDULED TO BE INSTALLED IN CASEWORK AND MILLWORK SUPPLIED BY THE GENERAL CONTRACTOR, OBTAIN A SHOP DRAWING FROM THE GENERAL CONTRACTOR PRIOR TO ROUGHING. WHERE REQUIRED, CUT OPENINGS IN MILLWORK OR COORDINATE OPENINGS WITH THE GENERAL CONTRACTOR.
C.	COORDINATE ALL CONDUIT RUNS WITH OTHER TRADES PRIOR TO ROUGH-IN. RELOCATE ANY CONDUITS AS NECESSARY TO PERMIT INSTALLATION OF DUCTWORK OR PIPING.
D.	INSTALL ALL CIRCUITING CONCEALED INSIDE WALL CAVITY WHERE EVER POSSIBLE. PROVIDE SURFACE MOUNTED BACKBOXES AND RACEWAY FOR WIRING DEVICES LOCATED ON EXISTING SOLID WALL CONSTRUCTION. PROVIDE SHALLOW TYPE BACKBOXES FOR SURFACE MOUNTED POWER AND SWITCHING APPLICATIONS. REFER TO ARCHITECTURAL PLANS FOR WALL TYPES.
E.	FIRESTOP ALL LOW VOLTAGE SLEEVES AND PENETRATIONS AFTER INSTALLATION OF CABLE.
F.	PROVIDE OPEN TOP CABLE HANGERS 4" ON CENTER SUPPORTED TO SUPPORT ALL LOW VOLTAGE CABLING ABOVE ACCESSIBLE CEILINGS. PROVIDE SEPARATE CABLE HANGERS FOR BACKBONE CABLING, HORIZONTAL CABLING, PUBLIC ADDRESS & SECURITY CABLING, AND FIRE ALARM CABLING. INSTALL ALL EXPOSED CABLES IN EMT CONDUIT OR SURFACE RACEWAY IN FINISHED AREAS.
G.	ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED.
H.	OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY THE GENERAL, MECHANICAL OR PLUMBING CONTRACTORS PRIOR TO ROUGHING. WORK THAT IS NOT PROPERLY COORDINATED WILL BE RELOCATED AT NO COST TO THE OWNER.
I.	COORDINATE THE LOCATION OF ALL RECEPTACES, COMMUNICATIONS OUTLETS, AND OTHER DEVICES WITH FURNITURE AND MILLWORK CONTRACTORS PRIOR TO ROUGH-IN.

GENERAL NOTES - SITE	
A.	UNLESS OTHERWISE NOTED ALL CONDUITS ON THE SITE ARE DIRECT BURIED. REFER TO SITE DETAILS FOR ADDITIONAL WORK REQUIRED.
B.	ALL EXCAVATION AND BACK FILL TO BE PROVIDED BY THE SITE CONTRACTOR. REFER TO SITE CONTRACTORS DETAILS AND REQUIREMENTS FOR ADDITIONAL INFORMATION.
C.	UNLESS OTHERWISE NOTED, FOR UNDERGROUND CONDUIT RUNS, PROVIDE SCHEDULE 80 PVC CONDUITS FOR HORIZONTAL UNDERGROUND CONDUIT SECTIONS. PROVIDE PVC-TO-GRS-ADAPTERS, GRS 90 DEGREE SWEEPS, AND GRS VERTICAL CONDUIT SECTIONS.
D.	SITE CONTRACTOR IS RESPONSIBLE TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION WORK.
E.	VERIFY FINAL GRADE ELEVATIONS WITH SITE CONTRACTOR PRIOR TO SETTING HANDHOLES, PULLBOXES AND POLES. CONDUITS, MANHOLE COVERS, HANDHOLE COVERS, AND CONCRETE EQUIPMENT PADS SHALL BE COORDINATED WITH FINAL GRADES INDICATED ON SITE CONTRACTOR'S PLANS.

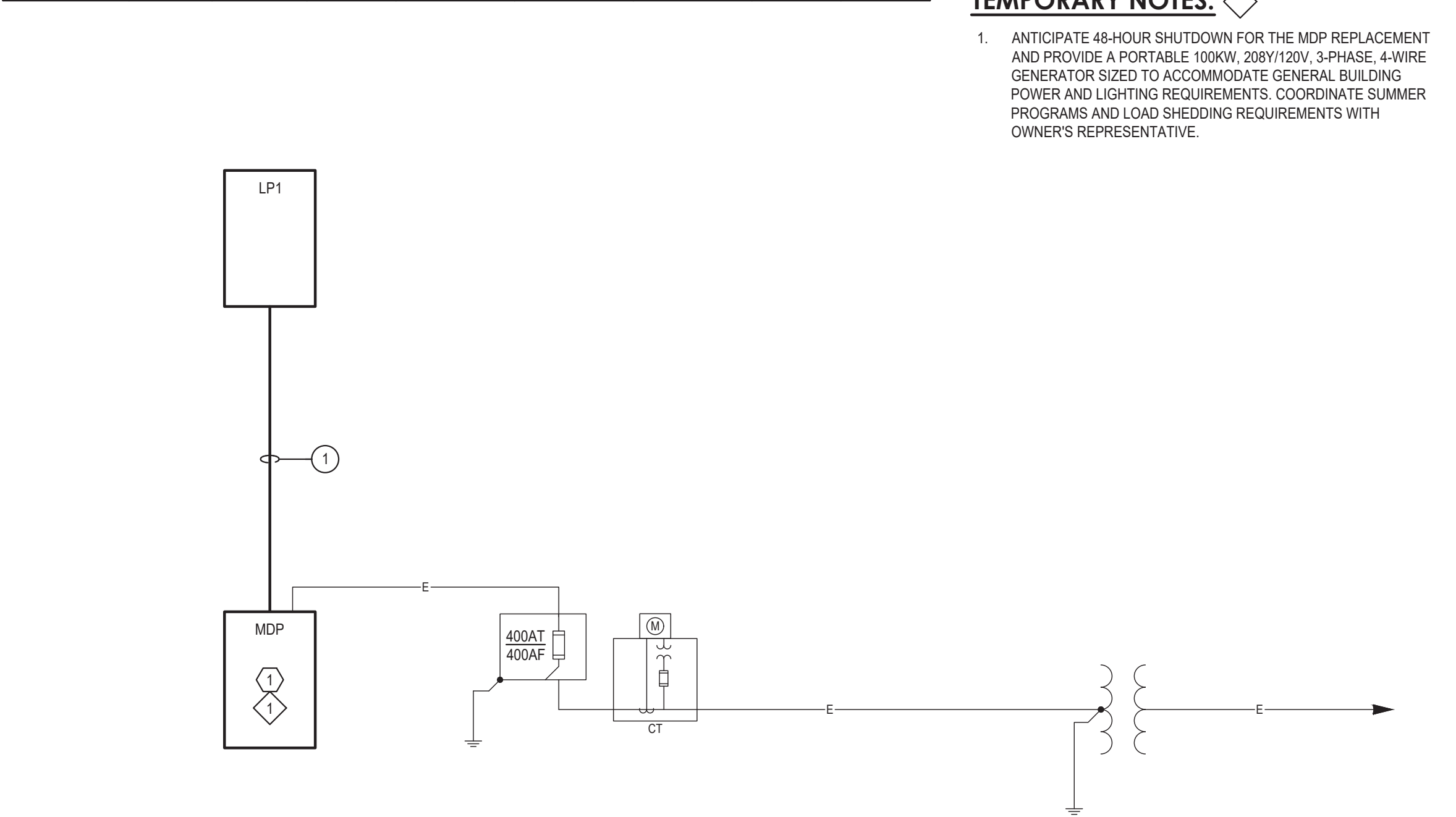
GENERAL NOTES - POWER DISTRIBUTION	
A.	PROVIDE (2) #10, (1) #10 EGV WIRING FOR 120V, 20A BRANCH CIRCUITS EXCEEDING 100 FEET.
B.	THE DRAWINGS SHOW GENERAL LOCATION OF DEVICES AND CONTROL EQUIPMENT. THE CONTRACTOR SHALL INSTALL ALL DEVICES AND CONTROLS TO MEET ALL NEC REQUIREMENTS. COORDINATE THE EXACT LOCATION IN THE FIELD.
C.	THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONNECTIONS TO ELECTRICAL EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.
D.	PROVIDE DEDICATED NEUTRALS FOR ALL 120V, 20A, SINGLE PHASE BRANCH CIRCUITS.
E.	DO NOT INSTALL NORMAL AND EMERGENCY POWER IN THE SAME RACEWAY, JUNCTION BOX, OR OUTLET BOX. PROVIDE SEPARATE OR SEGREGATED RACEWAY SYSTEMS.
F.	WHERE BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, THE BREAKERS SHALL BE LISTED/LABELED FOR USE IN THE EXISTING PANEL AND THE KAIC RATING SHALL MATCH THE KAIC RATING OF THE EXISTING PANEL.
G.	WHERE BOXES ARE INSTALLED FLUSH IN A FIRE RATED WALL PROVIDE AN APPROVED ENDOTHERMIC WRAP AROUND THE ENTIRE ENCLOSURE. SEAL CONDUIT PENETRATIONS WITH APPROVED FIRE PUTTY.
H.	NOT ALL FEEDERS ARE SHOWN IN PLAN, REFER TO ONE-LINE DIAGRAM. COORDINATE THE EXACT ROUTING IN THE FIELD. PROVIDE ALL REQUIRED OFFSETS AND PULL BOXES AS REQUIRED.

GENERAL NOTES - LIGHTING	
A.	REFER TO THE REFLECTED CEILING PLANS IN THE ARCHITECTURAL DRAWINGS FOR EXACT LIGHT FIXTURE LOCATIONS.
B.	REFER TO ARCHITECTURAL ELEVATIONS FOR LOCATIONS OF ALL WALL MOUNTED FIXTURES. IF FIXTURES ARE NOT SHOWN, ISSUE AN RFI.
C.	OCCUPANCY SENSOR LOCATIONS SHALL BE DETERMINED IN THE FIELD TO ACHIEVE OPTIMAL PERFORMANCE. PROVIDE ALL SENSITIVITY AND AIMING ADJUSTMENTS.
D.	LIGHT FIXTURES INDICATING 0-10V DIMMING WITHIN LIGHTING FIXTURE SCHEDULE REQUIRE ADDITIONAL 2-WIRE CONTROL INTERFACE. REFER TO PLANS FOR EXACT LIGHT FIXTURES USING DIMMING. PROVIDE SEPARATE PATHWAYS FOR LINE VOLTAGE AND CONTROL WIRING.

GENERAL NOTES - FIRE ALARM	
A.	PROVIDE MODIFICATIONS AND WIRING AS REQUIRED TO CONNECT TO THE EDWARDS EST3 FIRE ALARM CONTROL PANEL (FACP). SERVICE PROVIDER - OPEN SYSTEMS (814) 241-0058.
B.	PROVIDE FAN SHUTDOWN RELAYS FOR ALL FANS OVER 1000 CFM. VERIFY CFM ON MECHANICAL SCHEDULE AND PROVIDE SHUTDOWNS AS REQUIRED.
C.	DO NOT INSTALL SMOKE DETECTORS WITHIN 3 FEET OF DIFFUSERS.
D.	ALL WIRING SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE, AUTHORITIES HAVING JURISDICTION AND LOCAL CODES.
E.	ALL WIRING TO BE INSTALLED IN POWER LIMITING FIRE PROTECTIVE SIGNALING CIRCUIT CABLING. CABLE SHALL BE PLENUM RATED.
F.	ALL CONDUCTORS ARE TO BE PROPERLY TAGGED OR NUMBERED IN THE CONTROL PANEL AND CORRESPOND WITH CONTROL PANEL TERMINAL OR FIELD WIRE NUMBERS FOR IDENTIFICATION PURPOSES.
G.	WIRING CIRCUITS MUST GO TO AND FROM EACH DEVICE. BRANCH CIRCUITS ARE NOT PERMITTED. POLARITY MUST BE OBSERVED THROUGHOUT.
H.	EXTREME CARE MUST BE TAKEN TO AVOID GROUND FAULT CONDITIONS OF ALL CONDUCTORS.
I.	PROVIDE SUPERVISED RELAY IN MOTOR CONTROL CIRCUIT FOR FAN SHUTDOWN, COORDINATE WITH DIVISION 23.
J.	PROVIDE REMOTE TEST SWITCH FOR ALL DUCT MOUNTED SMOKE DETECTORS.

GENERAL NOTES - PUBLIC ADDRESS	
A.	PROVIDE MODIFICATIONS AND WIRING AS REQUIRED TO CONNECT TO THE RAULAND TELECENTER PUBLIC ADDRESS SYSTEM (PA). SERVICE PROVIDER - OPEN SYSTEMS (814) 241-0058.
B.	WIRELESS CLOCKS PROVIDED BY OWNER.

FEEDER SCHEDULE							
DESIGNATION	SOURCE	LOAD	OCPD	PHASE	NEUTRAL	GROUND	CONDUIT
①	MDP	LP1	225	(3)- #4/0	(1)- #4/0	(1)- #4	2-1/2"



ONE-LINE DIAGRAM	
AF AT	FUSIBLE SWITCH AF - AMPERE FRAME AT - AMPERE TRIP
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	METER
	TRANSFORMER REFER TO TRANSFORMER SCHEDULE
	GROUND
	FEEDER NOT CONNECTED
	FEEDER CONNECTED
	FEEDER CONNECTED
	FEEDER DESIGNATION REFER TO FEEDER SCHEDULE

SITE	
—UE—	UNDERGROUND ELECTRIC

GENERAL	
Ⓢ	REMOVAL NOTE
Ⓢ	INSTALLATION NOTE
///	OFFSET FOR CLARITY

MOUNTING HEIGHTS	
UNLESS OTHERWISE NOTED, MOUNT DEVICES AND EQUIPMENT AT HEIGHTS MEASURED FROM FINISHED FLOOR TO DEVICE/ EQUIPMENT CENTERLINE AS LISTED BELOW.	
COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. WHERE STRUCTURAL OR OTHER INTERFERENCES PREVENT COMPLIANCE WITH MOUNTING HEIGHTS LISTED BELOW, CONSULT OWNER'S REPRESENTATIVE FOR APPROVAL TO CHANGE LOCATION BEFORE INSTALLATION.	
TOGGLE SWITCHES	48"
RECEPTACLE OUTLETS	18"
RECEPTACLE OUTLETS ABOVE HOT WATER OR STEAM BASEBOARD HEATERS	30"
DO NO INSTALL RECEPTACLES OVER ELECTRIC BASEBOARD HEATERS	N/A
RECEPTACLE OUTLETS, HAZARDOUS LOCATIONS	48"
RECEPTACLE OUTLETS, WEATHER PROOF, ABOVE GRADE	24"
CLOCKS, CLOCK	90"
TELECOMMUNICATION OUTLETS	18"
MULTIMEDIA OUTLETS	18"
TELEPHONE OUTLETS, WALL MOUNTED	48"
TELEVISION OUTLETS	18"
FIRE ALARM PULL STATION	48"
FIRE ALARM AUDIO/VISUAL WALL MOUNTED NOTIFICATION DEVICES	80"
FIRE ALARM AUDIO/VISUAL WALL MOUNTED NOTIFICATION DEVICES	BOTTOM OF LENS
CARBON MONOXIDE DETECTOR	72"
NATURAL GAS DETECTOR	12" BELOW CEILING
PROPANE DETECTOR	12"
BRANCH CIRCUIT PANELBOARDS, TO THE TOP OF THE BACKBOX	72"
DISTRIBUTION PANELBOARDS, TO THE TOP OF THE BACKBOX	72"
TERMINAL CABINETS, CONTROL CABINETS TO THE TOP OF THE BACKBOX	72"
DISCONNECT SWITCHES, MOTOR STARTERS, ENCLOSED CIRCUIT BREAKERS	48"
"AC" ABOVE COUNTER	AC
REFER TO ARCHITECTURAL ELEVATIONS FOR HEIGHT	

POWER	
Ⓢ	DUPLEX RECEPTACLE
Ⓢ	DOUBLE DUPLEX RECEPTACLE
Ⓢ	PUSH BUTTON
Ⓢ	JUNCTION BOX
Ⓢ	HARD-WIRED ELECTRICAL CONNECTION NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
Ⓢ	MOTOR CONNECTION NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
Ⓢ	NON-FUSED DISCONNECT
Ⓢ	SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
Ⓢ	EXISTING SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
Ⓢ	INDICATES HOMERUN TO PANEL PANEL NAME AND CKT NUMBERS INDICATED PROVIDE (2) #12 AWG, (1) #12 AWG EGC IN 3/4" UNLESS OTHERWISE NOTED

FIRE ALARM	
Ⓢ	SMOKE DETECTOR
Ⓢ	DUCT SMOKE DETECTOR
Ⓢ	HEAT DETECTOR 135° TYPE UNLESS OTHERWISE NOTED
Ⓢ	FIRE ALARM PULL STATION
Ⓢ	AUDIO/VISUAL NOTIFICATION DEVICE 15cd UNLESS OTHERWISE NOTED
Ⓢ	VISUAL NOTIFICATION DEVICE 15cd UNLESS OTHERWISE NOTED
FACP	FIRE ALARM CONTROL PANEL
DH	DOOR HOLD OPEN
SD	SMOKE DAMPER

COMMUNICATIONS	
DB	DATA BOX
▽#	EXISTING DATA DROP NUMBER = QUANTITY OF CABLES

PUBLIC ADDRESS	
Ⓢ	CEILING MOUNTED SPEAKER
Ⓢ	WALL MOUNTED SPEAKER
PA	PUBLIC ADDRESS SYSTEM CONSOLE
Ⓢ	WALL MOUNTED CLOCK 12.5" DIAMETER UNLESS OTHERWISE NOTED

ABBREVIATIONS	
A	AMPERE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
ALC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ARC	ARC ENERGY REDUCTION
ASYM	ASYMMETRICAL
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY CONTACTS
AWG	AMERICAN WIRE GAUGE
BD	BUS DUCT
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELA
CH	CABINET HEATER
CHT	CIRCUIT HEATER
CT	CURRENT TRANSFORMER
CU	COPPER
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLG	CEILING CONTACTOR
CONT	CONTROL PANEL
CP	CIRCUIT PROOF
DC	DIRECT CURRENT
Δ	DELTA CONNECTED
DISC	DISCONNECT
DF	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPDT	DOUBLE POLE, DOUBLE THROW
EBB	ELECTRIC BASEBOARD
ECB	ELECTRIC CONTRACTOR
EG	EQUIPMENT GROUND
ECC	EQUIPMENT GROUND CONDUCTOR
EM	EMERGENCY
EP	EXPLSION PROOF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
EXR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
EXIST	EXISTING
IS	EXISTING
EXP	EXPLOSION PROOF
ELECT	ELECTRIC
EMT	ELECTRIC METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FARAP	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FBO	FURNISHED BY OWNER
FC	FOOTCANDLE
FCAN	FULL CAPACITY ABOVE NORMAL
FCBN	FULL CAPACITY BELOW NORMAL
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
FNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
G	GUARD
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOSPITAL GRADE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERCOM
IG	ISOLATED GROUND
INCAD	INCANDESCENT
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
K	KILO (THOUSAND)
KCM	THOUSAND CIRCULAR MILS
KCMIL	THOUSAND CIRCULAR MILS
LTG	LIGHTING
LSIG	LONG TIME-SHORT TIME-INSTANTANEOUS-GROUND FAULT
LV	LOW VOLTAGE
M	MEGA (MILLION)
MATV	MASTER ANTENNA TELEVISION
MFS	MAIN FUSED SWITCH
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MM	MULTI MODE FIBER
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT
N	NEUTRAL
NF	NONFUSED
NT	NOT IN CONTRACT
NTS	NOT TO SCALE
OCPO	OVER CURRENT PROTECTION DEVICE
OH	OVERHEAD
OL	OVERLOAD
PB	PULLBOX
PC	PLUMBING CONTRACTOR
PF	POWER FACTOR
PHL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
PH	PHASE
PL	POLE
PLT	PILOT LIGHT
PM	PLUMBING
PP	POWER PANEL
PWR	POWER
RVNR	REDUCED VOLTAGE, NON-REVERSING
RM	ROOM
RMS	ROOT MEAN SQUARED
RTU	ROOF TOP UNIT
SM	SINGLE MODE FIBER
SS	SURGE SUPPRESSION
SST	SOLID-STATE TRIP DEVICE
ST	SHUNT-TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
T	TAMPER RESISTANT
TDR	TIME DELAY RELAY
TYP	TYPICAL
TCP	TEMPERATURE CONTROL PANEL
TSTAT	THERMOSTAT
TV	TELEVISION
UG	UNDERGROUND
UH	UNIT HEATER
USB	UNIVERSAL SERIAL BUS
V	VOLT
VR	VOLT-AMPERE
VP	VAPORPROOF
W	WAIT
WG	WIRE GUARD
WM	WIREMOLD
WP	WEATHERPROOF
XFMR	TRANSFORMER
XP	CROSS LINKED POLYETHYLENE
XP	EXPLOSION PROOF
Y	WYE CONNECTED

SED NUMBERS:  
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

Revision :  
ISSUED FOR BID  
04/20/2025

Legend, General Notes,  
AND ONE-LINE DIAGRAM

E  
001

■ Administration Building, 64-15-001-0409-013  
APN : 2226-2A  
Date : 10/11/2024  
Drawn by : SSK

Peekskill City School District  
Peekskill, New York

Drawn by : SSK

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## PANELBOARD SCHEDULE - LP1

LOCATION - MECHANICAL 001			SOURCE - MDP				MOUNTING - SURFACE				SE RATED <input type="checkbox"/>			FEED-THRU LUGS <input type="checkbox"/>	
RATING (AMPS) - 225A MLO			VOLTAGE - 208Y/120V				PHASE/WIRE - 3-PHASE/4-WIRE				HINGED TRIM <input checked="" type="checkbox"/>			SUB FEED LUGS <input type="checkbox"/>	
KAIC - 10			DESIGN MAKE (SQUARE D) - NO				NEMA RATING - 1				COMPUTER GRADE <input type="checkbox"/>			SUB-FEED BREAKER <input type="checkbox"/>	
											200% NEUTRAL <input type="checkbox"/>			ISOLATED GND BUS <input type="checkbox"/>	
CKT	DESCRIPTION	BREAKER	KVA LOAD						BREAKER	DESCRIPTION	CKT				
			LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG					
1	LTG-RM 104,B1.0,B1.2,B1.3,105,106,MECH	20A/1P	.9							.8	20A/1P	LTG - RM 101	2		
3	LTG - RM 102,103	20A/1P	.8							.5	20A/1P	REC - RM B1.2,B1.3,B1.1	4		
5	REC - RM 102	20A/1P			1.1						20A/1P	REC - RM 101	6		
7	REC - RM 101	20A/1P			.7						20A/1P	REC - CORR. B1.0 - WC <input type="checkbox"/>	8		
9	REC - RM 103	20A/1P			.9					.7	20A/1P	REC - RM 106,B1.0,23,B1.0A	10		
11	REC - RM 103	20A/1P			.7					.7	20A/1P	REC - RM 001	12		
13	LTG - SITE	20A/1P											14		
15	VRFC-1/VRFC-2/BS-1	15A/2P			.8		2.3				15A/2P	ECH-1	16		
17								1.5			15A/2P	ECH-2	18		
19	VRFC-3/VRFC-4/BS-2	15A/2P			.8								20		
21							1.5				15A/2P	ECH-3	22		
23	VRFC-5/VRFC-6/BS-3	15A/2P			.8								24		
25							1.5				15A/2P	ECH-4	26		
27													28		
29	ERV-1	20A/3P			5								30		
31							4				15A/3P	ECH-5	32		
33	TC	20A/1P		.5									34		
35	LTG - SITE	20A/2P					.6				20A/1P	HAND DRYER	36		
37							.6				20A/1P	HAND DRYER	38		
39							.6				20A/1P	HAND DRYER	40		
41	EDHC-3/EDHC-4	30A/3P				8					20A/1P	SPARE	42		
43											20A/1P	SPARE	44		
45											20A/1P	SPARE	46		
47	EDHC-5/EDHC-6	40A/3P				9					20A/1P	SPARE	48		
49											20A/1P	SPARE	50		
51	SPARE	20A/1P									20A/1P	SPARE	52		
53	SPARE	20A/1P									20A/1P	SPARE	54		
LEFT SIDE SUB-TOTAL			-	-	-	-	-	-	-	-	RIGHT SIDE SUB-TOTAL				
CONNECTED SUB-TOTAL			-	-	-	-	-	-	-	-					
DEMAND FACTOR			1.0	10+1/2	.8	.8									
SUB-TOTAL			-	-	-	-	-	-	-	-					
TOTAL KVA			-	-	-	-	-	-	-	-					
TOTAL AMPS			-	-	-	-	-	-	-	-					

NOTES:

[1] PROVIDE GFCI BRANCH CIRCUIT BREAKER.

### NOTES:

1 PROVIDE GFCI BRANCH CIRCUIT BREAKER.

## PANELBOARD SCHEDULE - MDP

LOCATION - STORAGE BR1.2			SOURCE - DISCONNECT				MOUNTING - SURFACE				SE RATED <input type="checkbox"/>			FEED-THRU LUGS <input type="checkbox"/>		
RATING (AMPS) - 400A MLO			VOLTAGE - 208Y/120V				PHASE/WIRE - 3-PHASE/4-WIRE				HINGED TRIM <input checked="" type="checkbox"/>			SUB FEED LUGS <input type="checkbox"/>		
KAIC - 65			DESIGN MAKE (SQUARE D) - NQ				NEMA RATING - 1				COMPUTER GRADE <input type="checkbox"/>			SUB-FEED BREAKER <input type="checkbox"/>		
											200% NEUTRAL <input type="checkbox"/>			ISOLATED GND BUS <input type="checkbox"/>		
CKT	DESCRIPTION	BREAKER	LTG	RCPT	MOTOR	KVA HTG	LOAD HTG	MOTOR	RCPT	LTG	BREAKER	DESCRIPTION	CKT			
1	EXISTING <input type="checkbox"/>	60A/3P									70A/3P	EXISTING <input type="checkbox"/>	2			
3													4			
5													6			
7	EXISTING <input type="checkbox"/>	60A/3P									20A/1P	EXISTING <input type="checkbox"/>	8			
9													10			
11													12			
13	EXISTING <input type="checkbox"/>	20A/1P									50A/2P	EXISTING <input type="checkbox"/>	14			
15	EXISTING <input type="checkbox"/>	15A/2P											16			
17													18			
19	EXISTING <input type="checkbox"/>	15A/1P									40A/3P	EXISTING <input type="checkbox"/>	20			
21	EXISTING <input type="checkbox"/>	15A/1P											22			
23	EXISTING <input type="checkbox"/>	15A/1P											24			
25	EXISTING <input type="checkbox"/>	15A/1P									20A/1P	EXISTING <input type="checkbox"/>	26			
27	EXISTING <input type="checkbox"/>	50A/2P											28			
29													30			
31	EXISTING <input type="checkbox"/>	40A/2P									20A/1P	EXISTING <input type="checkbox"/>	32			
33														34		
35														36		
37	EXISTING <input type="checkbox"/>	60A/2P									20A/1P	EXISTING <input type="checkbox"/>	38			
39	EXISTING <input type="checkbox"/>	20A/2P											40			
41														42		
43													44			
45	EDHC-1/EDHC-2	40A/3P				10					20A/1P	EXISTING <input type="checkbox"/>	46			
47											20A/1P	SPARE	48			
49											20A/1P	SPARE	50			
51	SPARE	100A/3P									20A/1P	SPARE	52			
53											20A/1P	SPARE	54			
55	SPARE	20A/1P									20A/1P	SPARE	56			
57	SPARE	20A/1P									20A/1P	SPARE	58			
59	SPARE	20A/1P									20A/1P	SPARE	60			
LEFT SIDE SUB-TOTAL			-	-	-	-	-	-	-	-	RIGHT SIDE SUB-TOTAL					
CONNECTED SUB-TOTAL			-	-	-	-	-	-	-	-						
DEMAND FACTOR			1.0	10+1/2	.8	.8										
SUB-TOTAL			-	-	-	-	-	-	-	-						
TOTAL KVA			-	-	-	-	-	-	-	-						
TOTAL AMPS			-	-	-	-	-	-	-	-						

NOTES:

1

CONNECT TO EXISTING BRANCH CIRCUITS AND PROVIDE UPDATED PANEL DIRECTORY.

2

PROVIDE 225A, 3-POLE SUB FEED BRANCH CIRCUIT BREAKER FOR PANELBOARD LP1.

3

REMOVE & REWORK TOP AND SIDE FED CONDUITS AS REQUIRED TO ACCOMMODATE RING BOARD CONNECTIONS.

### NOTES:

1 CONNECT TO EXISTING BRANCH CIRCUITS AND PROVIDE UPDATED PANEL DIRECTORY.

2 PROVIDE 225A, 3-POLE SUB FEED BRANCH CIRCUIT BREAKER FOR PANELBOARD LP1.

3 REMOVE & REWORK TOP AND SIDE FED CONDUITS AS REQUIRED TO ACCOMMODATE PANELBOARD REPLACEMENT.

4 PROVIDE 125A, 3-POLE SUB FEED BRANCH CIRCUIT BREAKER FOR ACCU-1.

## LIGHTING FIXTURE SCHEDULE

DESIGNATION	DIMENSIONS	TYPE	CONSTRUCTION	REFLECTOR/ BAFFLE	LENS	LIGHT SOURCE/LAMP	LUMENS	COLOR TEMPERATURE	BALLAST DRIVER	VOLTAGE	FIXTURE WATTAGE	MOUNTING/ CEILING TYPE	DESIGN MAKE	ACCEPTABLE MANUFACTURERS	NOTES
E1	7.32"x2.19"x 4.25"	WALL MOUNTED EMERGENCY LIGHT WITH NICKEL METAL HYDRIDE BATTERY, 90 MINUTE OPERATION.	THERMOPLASTIC HOUSING WITH WHITE FINISH.	-	-	LED	-	-	-	UNV	4W	VARIOUS/-	EVENLITE "TELESIS" SERIES	PHILIPS HUBBELL	-
F1	1-3/4"x2x4"	RECESSED LED FLAT PANEL.	NARROW ALUMINUM BEZEL TIGHTLY HELD TO CODE GAUGE STEEL.	LIGHT GUIDE CONSTRUCTED OF ACRYLIC WITH SMOOTH PATTERN SCRATCH AND IMPACT RESISTANT.	WHITE FROST ACRYLIC	LED	5,000	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	40W	RECESSED/ LAY-IN	METALUX "24FP" SERIES	PHILIPS HUBBELL	-
F2	2"x2x2"	RECESSED LED FLAT PANEL.	NARROW ALUMINUM BEZEL TIGHTLY HELD TO CODE GAUGE STEEL.	LIGHT GUIDE CONSTRUCTED OF ACRYLIC WITH SMOOTH PATTERN SCRATCH AND IMPACT RESISTANT.	WHITE FROST ACRYLIC	LED	4,330	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	38W	RECESSED/ LAY-IN	METALUX "22FP" SERIES	PHILIPS HUBBELL	-
F3	48-13/16" x 6-5/8" x 5-7/8"	WET LOCATION 4" INDUSTRIAL LED LAMP WITH CHAIN HANGER SET.	FIBERGLASS HOUSING WITH SELF-EXTINGUISHING PLASTIC.	HIGH IMPACT DIFFUSER LENS.	-	LED	4,000	80CRI / 3,500K	STANDARD	UNV	51W	6'-0" CHAIN/-	METALUX "VAPORITE LED" SERIES	PHILIPS HUBBELL	SEE NOTE 5.
F4A	2"x4"	RECESSED, NOMINAL 2" WIDE PROFILE, SLOT UNIT DESIGNED FOR ARMSTRONG METAL CEILING SYSTEMS.	WHITE POWDER COAT EXTRUDED ALUMINUM TRIM RAILS, WITH FORMED 20 GAUGE GALVANIZED STEEL BACK CHANNEL.	DIRECT LIGHT DISTRIBUTION	FROSTED FLUSH LENS	LED	4,000	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	34W	RECESSED/ CUSTOM METAL ARMSTRONG CEILING	NULITE "REGOLO 2 RF2-0" SERIES	PHILIPS HUBBELL	SEE NOTE 7.
F4B	2"x6"	RECESSED, NOMINAL 2" WIDE PROFILE, SLOT UNIT DESIGNED FOR ARMSTRONG METAL CEILING SYSTEMS.	WHITE POWDER COAT EXTRUDED ALUMINUM TRIM RAILS, WITH FORMED 20 GAUGE GALVANIZED STEEL BACK CHANNEL.	DIRECT LIGHT DISTRIBUTION	FROSTED FLUSH LENS	LED	4,000	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	52W	RECESSED/ CUSTOM METAL ARMSTRONG CEILING	NULITE "REGOLO 2 RF2-0" SERIES	PHILIPS HUBBELL	SEE NOTE 7.
F5	3-3/4"x2x6"	NARROW, NOMINAL 2" WIDE PENDANT LUMINAIRE SYSTEM.	WHITE POWDER COAT EXTRUDED ALUMINUM SIDE RAILS, WITH FORMED 20 GAUGE COLD ROLLED STEEL.	BI-DIRECT LIGHT DISTRIBUTION	FROSTED FLUSH LENS	LED	5,400 DOWN/ 1,800 UP	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	103W	48" ADJUSTABLE AIRCRAFT CABLE/LAY-IN	NULITE "REGOLO 2 RP24-B" SERIES	PHILIPS HUBBELL	-
F6	3-7/8"x2x6"	RECESSED, NOMINAL 2" WIDE PROFILE, SLOT UNIT DESIGNED FOR GRID CEILING SYSTEMS.	WHITE POWDER COAT EXTRUDED ALUMINUM TRIM RAILS, WITH FORMED 20 GAUGE GALVANIZED STEEL BACK CHANNEL.	DIRECT LIGHT DISTRIBUTION	FROSTED FLUSH LENS	LED	6,000	80CRI / 3,500K	0-10V DIMMING DRIVER	UNV	52W	RECESSED/ LAY-IN	NULITE "REGOLO 2 RG2-0" SERIES	PHILIPS HUBBELL	-
F7	6"	LED SELF FLANGED, LENSED DOWNLIGHT.	BOAT SHAPED GALVANIZED STEEL PLASTER FRAME WITH ADJUSTABLE PLASTER LIP, FINISH BY ARCHITECT.	WIDE DISTRIBUTION	-	LED	3,000	80CRI / 3,500K	STANDARD	120V	26W	RECESSED/ LAY-IN	COOPER "HALO PRO" SERIES	PHILIPS HUBBELL	-
F8	6" SQUARE NEW CONSTRUCTION	6" LED SQUARE APERTURE NEW CONSTRUCTION.	BOAT SHAPED GALVANIZED STEEL PLASTER FRAME WITH ADJUSTABLE PLASTER LIP, FINISH BY ARCHITECT.	SHALLOW REFLECTOR.	MEDIUM WITH TR LENS (70" BEAM ANGLE)	LED	3,000	80CRI / 4,000K	STANDARD	120V	26W	VARIOUS/-	COOPER LIGHTING "HALO COMMERCIAL PRS6/646" SERIES	PHILIPS HUBBELL	SEE NOTE 2.
P1	20"x26.5"	LANTERN STYLE IP65 RATING AREA LIGHTING WITH 20KV SURGE PROTECTOR AND POLYESTER POWDER COAT, FINISH BY ARCHITECT.	ONE PIECE UNITIZED PRECISE HEAVY WALL CAST ALUMINUM CONSTRUCTION COMPRISED OF COPPER ALUMINUM.	FIELD ADJUSTABLE OPTICAL MODULE WITH TYPE II DISTRIBUTION.	CUSTOM POLYCARBONATE	LED	7,515	4,000K	STANDARD	208V	109W	POLE	SUN VALLEY "MOZM" SERIES	PHILIPS HUBBELL	SEE NOTES 1, 3, AND 6.
	12'-0" POLE WITH 21" BASE	4" DIAMETER DECORATIVE POLE WITH POLYESTER POWDER COAT, FINISH BY ARCHITECT.	EXTRUDED FROM 6063 ALUMINUM WITH ONE PIECE CORROSION RESISTANT BASE AND HAND HOLE WITH TAMPER RESISTANT HARDWARE.	-	-	-	-	-	-	-	-	CONCRETE BASE	SUN VALLEY "MOZM" SERIES	PHILIPS HUBBELL	SEE NOTE 3.
P2	20"x26.5"	LANTERN STYLE IP65 RATING AREA LIGHTING WITH 20KV SURGE PROTECTOR AND POLYESTER POWDER COAT, FINISH BY ARCHITECT.	ONE PIECE UNITIZED PRECISE HEAVY WALL CAST ALUMINUM CONSTRUCTION COMPRISED OF COPPER ALUMINUM.	FIELD ADJUSTABLE OPTICAL MODULE WITH TYPE II DISTRIBUTION.	CUSTOM POLYCARBONATE	LED	7,515	4,000K	STANDARD	120V	109W	XMO-DT WALL MOUNT/-	SUN VALLEY "MOZ WALL MOUNT-PLED" SERIES	PHILIPS HUBBELL	SEE NOTE 4.
P3	20"x26.5"	LANTERN STYLE IP65 RATING AREA LIGHTING WITH 20KV SURGE PROTECTOR AND POLYESTER POWDER COAT, FINISH BY ARCHITECT.	ONE PIECE UNITIZED PRECISE HEAVY WALL CAST ALUMINUM CONSTRUCTION COMPRISED OF COPPER ALUMINUM.	FIELD ADJUSTABLE OPTICAL MODULE WITH TYPE V DISTRIBUTION.	CUSTOM POLYCARBONATE	LED	7,515	4,000K	STANDARD	208V	109W	POLE	SUN VALLEY "MOZM" SERIES	PHILIPS HUBBELL	SEE NOTES 1, 3, AND 6.
	12'-0" POLE WITH 21" BASE	4" DIAMETER DECORATIVE POLE WITH POLYESTER POWDER COAT, FINISH BY ARCHITECT.	EXTRUDED FROM 6063 ALUMINUM WITH ONE PIECE CORROSION RESISTANT BASE AND HAND HOLE WITH TAMPER RESISTANT HARDWARE.	-	-	-	-	-	-	-	-	CONCRETE BASE	SUN VALLEY "MOZM" SERIES	PHILIPS HUBBELL	SEE NOTE 3.
X1	12.25"x1.75" x7.5"	LED EXIT SIGN WITH BATTERY BACKUP.	LOW PROFILE ABS HOUSING WITH NICKEL CADMIUM BATTERY BACKUP AND UNIVERSAL MOUNTING. REFER TO PLANS FOR MOUNTING AND FACE DESIGNATIONS.	-	-	RED LED	-	-	-	UNV	2W	-	EVENLITE "TELESIS TLX" SERIES	PHILIPS HUBBELL	-

#### LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

A. PROVIDE MANUFACTURER APPROVED 1-10V DIMMER SWITCHES COMPATIBLE WITH LED DRIVERS. DIMMER SWITCH QUANTITIES AS INDICATED IN PLAN.

B. SUBSTITUTIONS SHALL PROVIDE DLC OR ENERGY STAR QUALIFIED NOTATION IN THE SUBMITTAL PACKAGE.

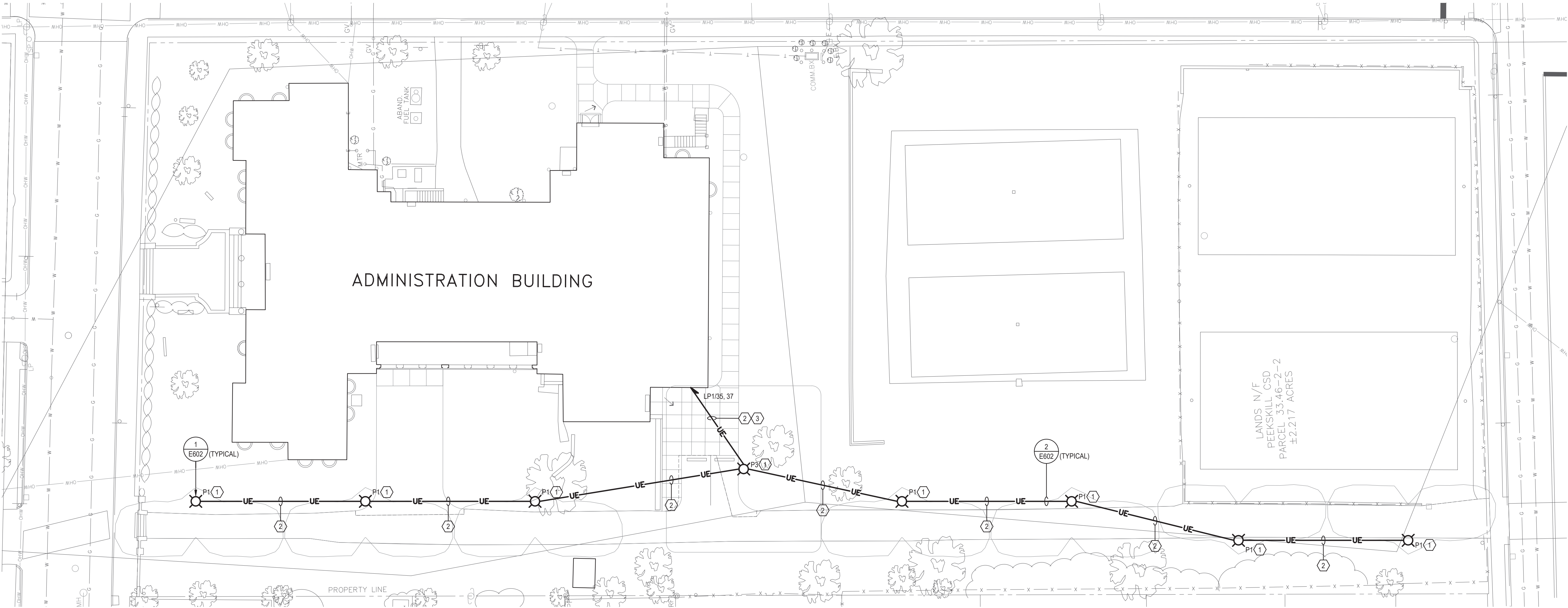
#### NOTES:

1. ROTATE OPTICAL MODULE IN THE FIELD PER LIGHT DISTRIBUTIONS AS INDICATED IN PLAN, FINAL APPROVAL REQUIRED



DRAWING NOTES: ⬡

1. ALTERNATE 1-E: ROTATE OPTICAL MODULE IN THE FIELD PER LIGHT DISTRIBUTIONS AS INDICATED IN PLAN. FINAL APPROVAL REQUIRED BY OWNER.
2. BASE BID: PROVIDE 1" CONDUIT AND STUB AND CAP WITHIN 3'-0" OF POLE BASE LOCATION AND WITHIN BUILDING. ALTERNATE 1-E: PROVIDE LIGHT FIXTURE AS INDICATED AND (2)-#10 AWG, (1)-#10 AWG EGC IN 1" C.
3. ALTERNATE 1-E: VIA LIGHTING CONTRACTOR LC-1.



1 SITE PLAN - LIGHTING  
SCALE : 1"=20'-0"

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Revision: 01-BID  
09/21/2025

Drawing Title :  
Drawing Number :

Alterations to Administration Building

Peekskill City School District  
Peekskill, New York

Consultant

Seal

**engineered solutions**  
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The Fear Building, 2 Third Street, Suite 440, Troy, NY 12180

SITE PLAN - LIGHTING

APN: 2226-2A Date: 10/11/2024 Drawn by: SDK

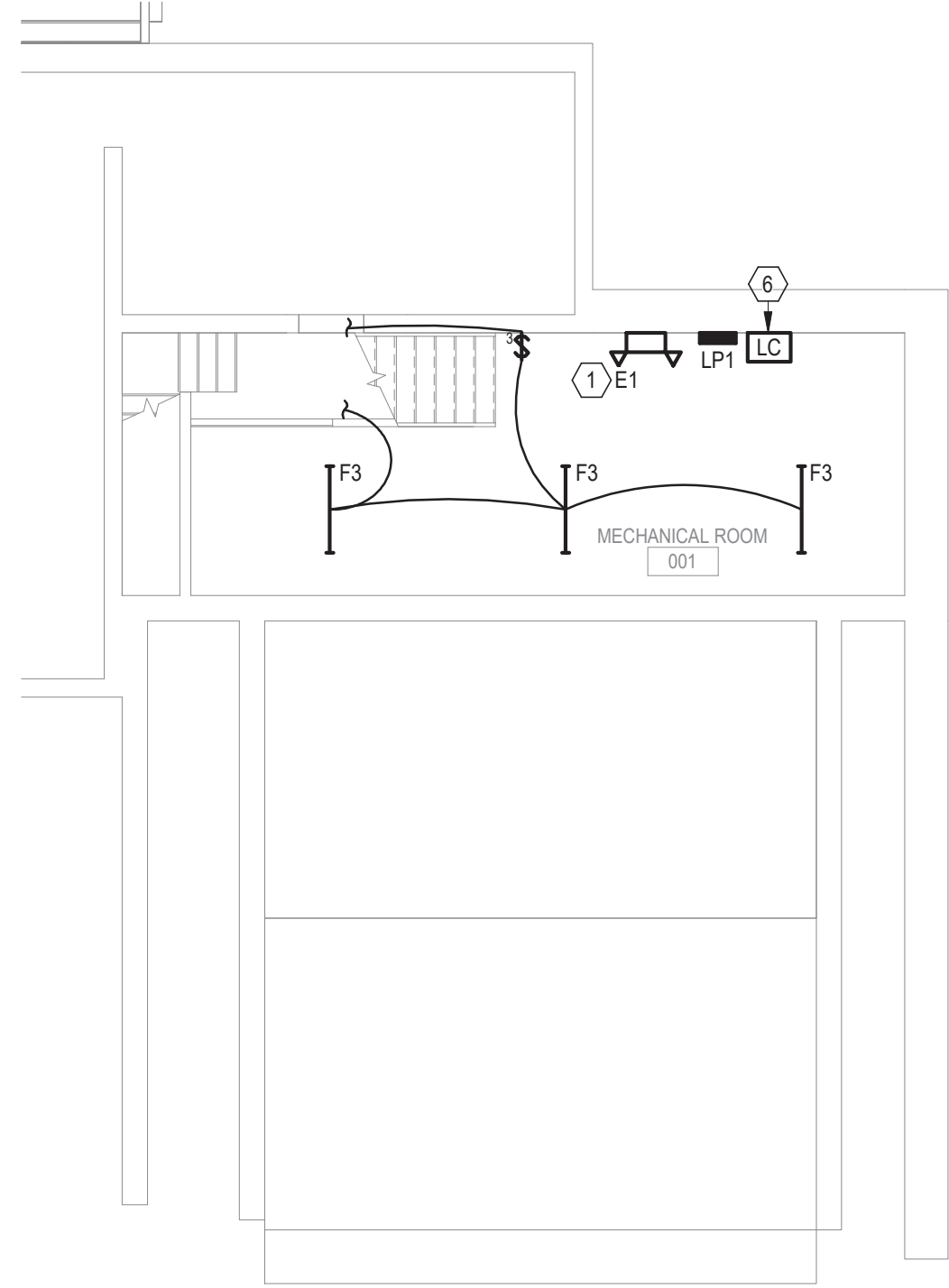
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1 LOWER LEVEL LIGHTING PLAN  
SCALE: 1/8" = 1'-0"



2 BASEMENT LIGHTING PLAN  
SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. CONNECT TO UN-SWITCHED LOCAL LIGHTING CIRCUIT.
2. INSTALL LIGHT FIXTURE 8'-4" AFF.
3. CONNECT TO LIGHT FIXTURES IN MECHANICAL ROOM.
4. CONNECT TO SWITCH IN MECHANICAL ROOM.
5. INSTALL LIGHT FIXTURE 10'-6" AFF.
6. PROVIDE 30A, 208V, 4-POLE, LIGHTING CONTACTOR (LC-1). REFER TO EXTERIOR LIGHTING CONTROL SCHEMATIC 3/E602 FOR ADDITIONAL INFORMATION.
7. VIA LIGHTING CONTACTOR LC-1.
8. CONNECT EMERGENCY BATTERY PACK TO THE LINE SIDE OF LIGHTING CONTACTOR LC-1.

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Drawing Title:  
BASEMENT & LOWER LEVEL  
LIGHTING PLANS

Drawing Number:

Revision:  
05/21/2024

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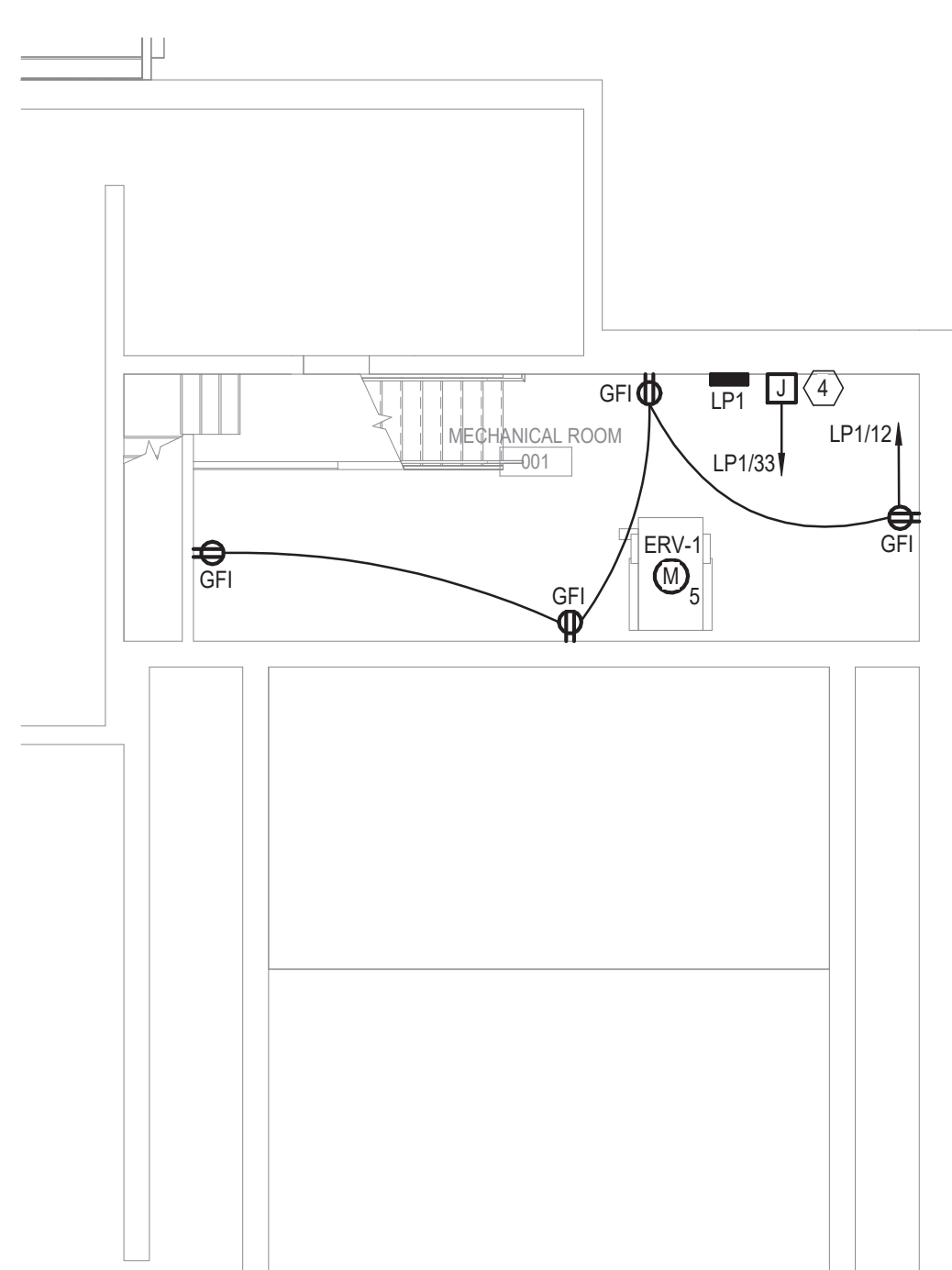
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301

Drawn by: S.K.

Date: 10/11/2024

APN: 2226.2A

1. PROVIDE 120V BRANCH CIRCUIT FOR DOOR HARDWARE POWER SUPPLY, PROVIDED BY GC. GC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT. COORDINATE FINAL LOCATION WITH GC. REFER TO DETAIL 41E601 FOR ADDITIONAL INFORMATION.
2. CONNECT TO NEAREST 120V UNSWITCHED SOURCE.
3. PROVIDE PANELBOARD REPLACEMENT. REFER TO PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.
4. PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC) TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT. COORDINATE FINAL LOCATION WITH TC.

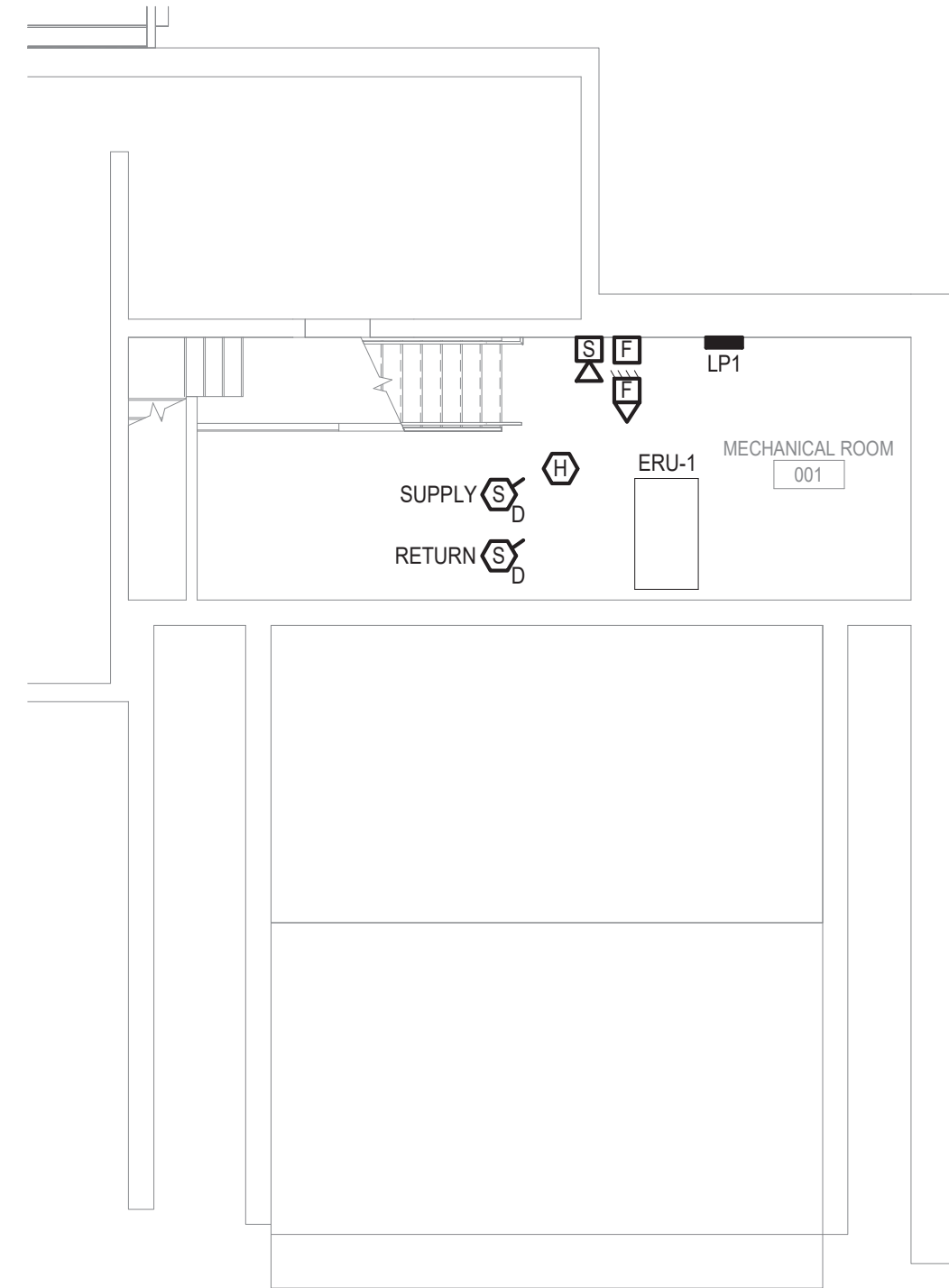
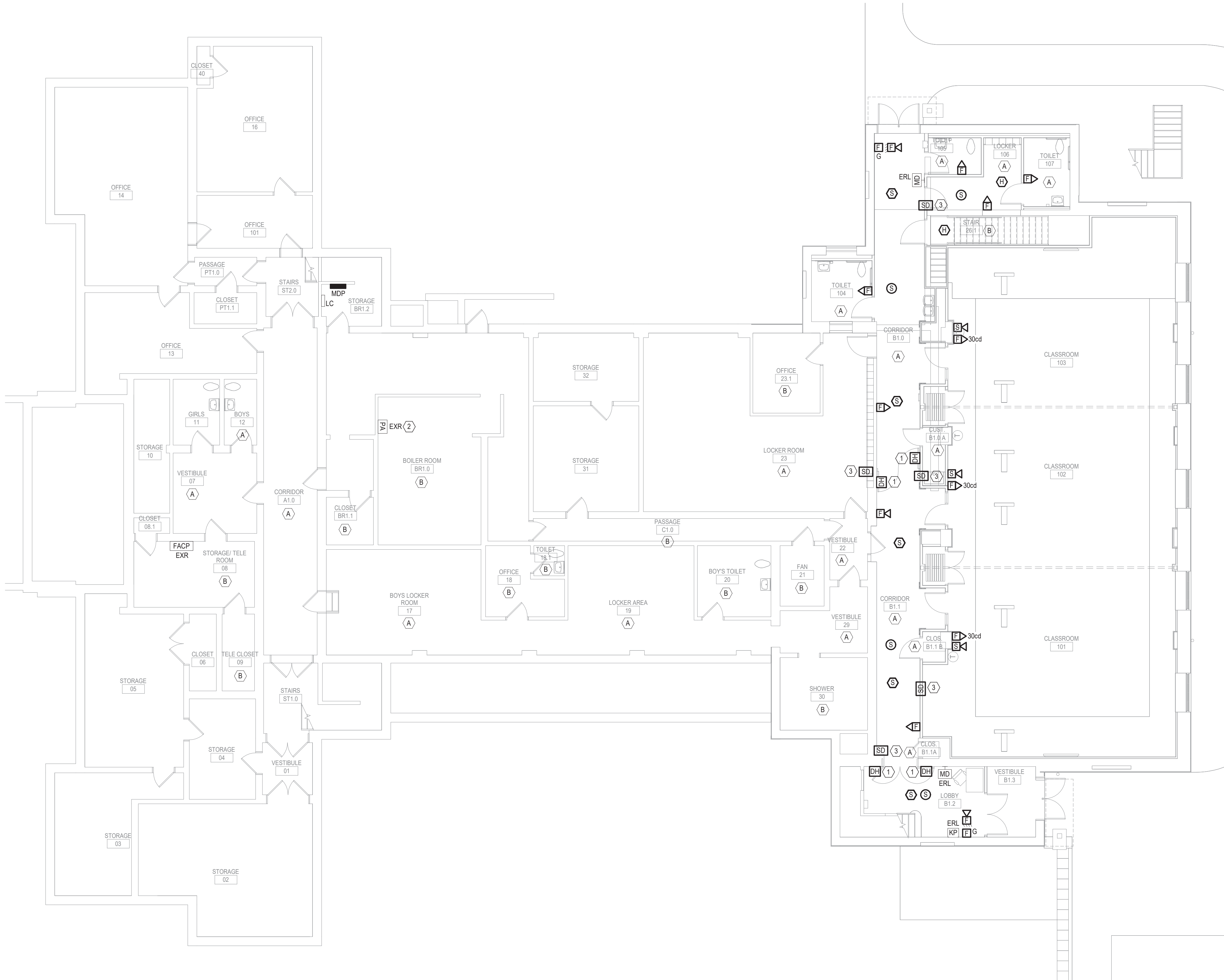


## 2 BASEMENT POWER PLAN

SCALE: 1/8" = 1'-0"

1. MAGNETIC DOOR HOLDERS, PROVIDED BY GC. PROVIDE LOW VOLTAGE RELAY TO CONTROL HOLD OPEN.
2. EXISTING PA SYSTEM LOCATION ON THE FIRST FLOOR.
3. PROVIDE 120V BRANCH CIRCUIT CONNECTION, PROVIDED BY MC. REFER TO DETAIL 5/E602 FOR ADDITIONAL INFORMATION.

CEILING SCHEDULE	
DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING (DROP CEILING)
B	INACCESSIBLE CEILING (HARD CEILING)
C	EXPOSED STRUCTURE
D	SPLINE CEILING (1X1 TILES)



SCALE: 1/8" = 1'-0"

SED NUMBERS: ■ Administration Building: 66-15-00-01-0-009-013

Consultant:

Seal

## Alterations to Administration Building

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Peekskill, New York

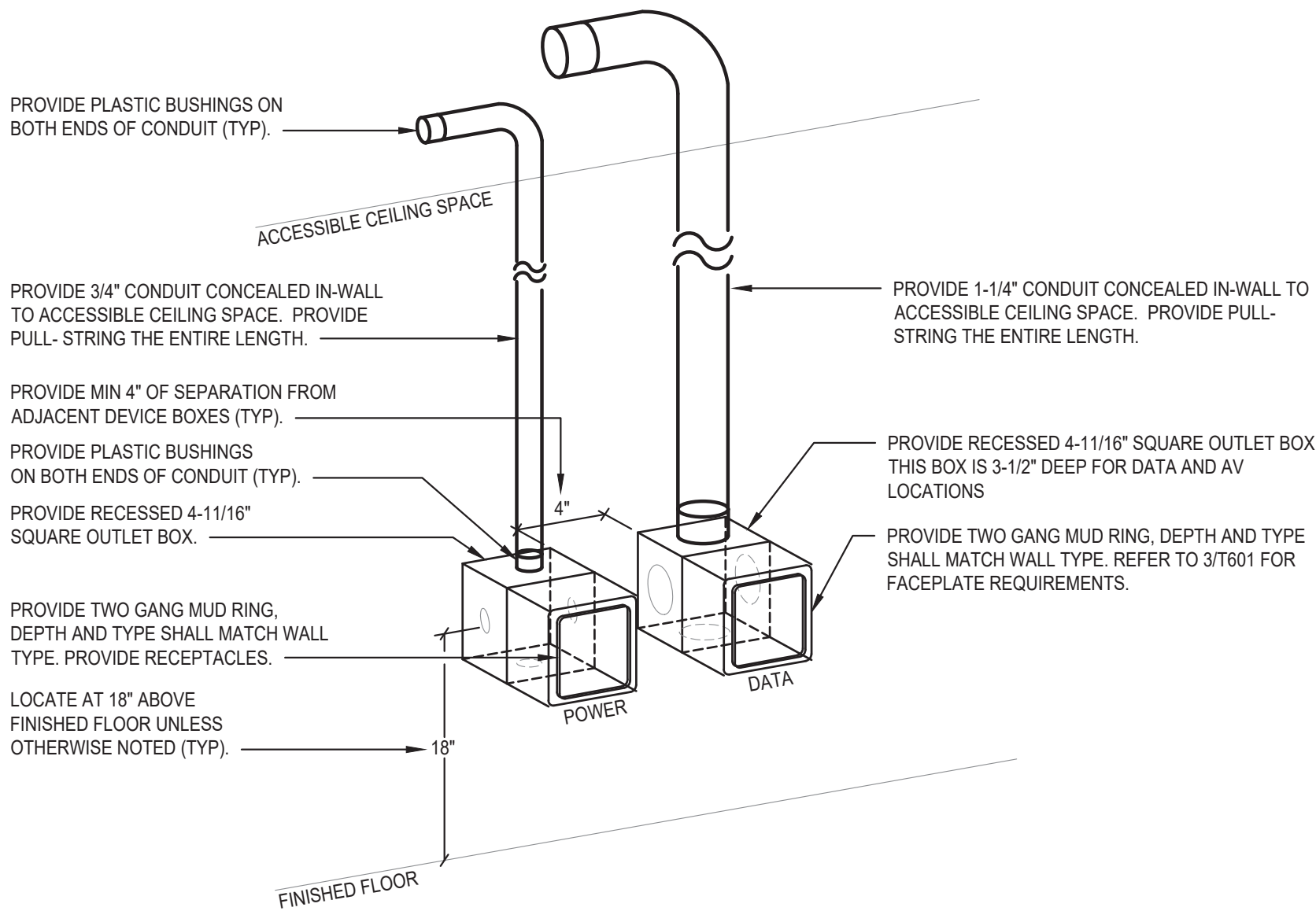
Drawing Title:	Revision:
BASEMENT & LOWER LEVEL	ISSUED FOR BID
	05/21/2025

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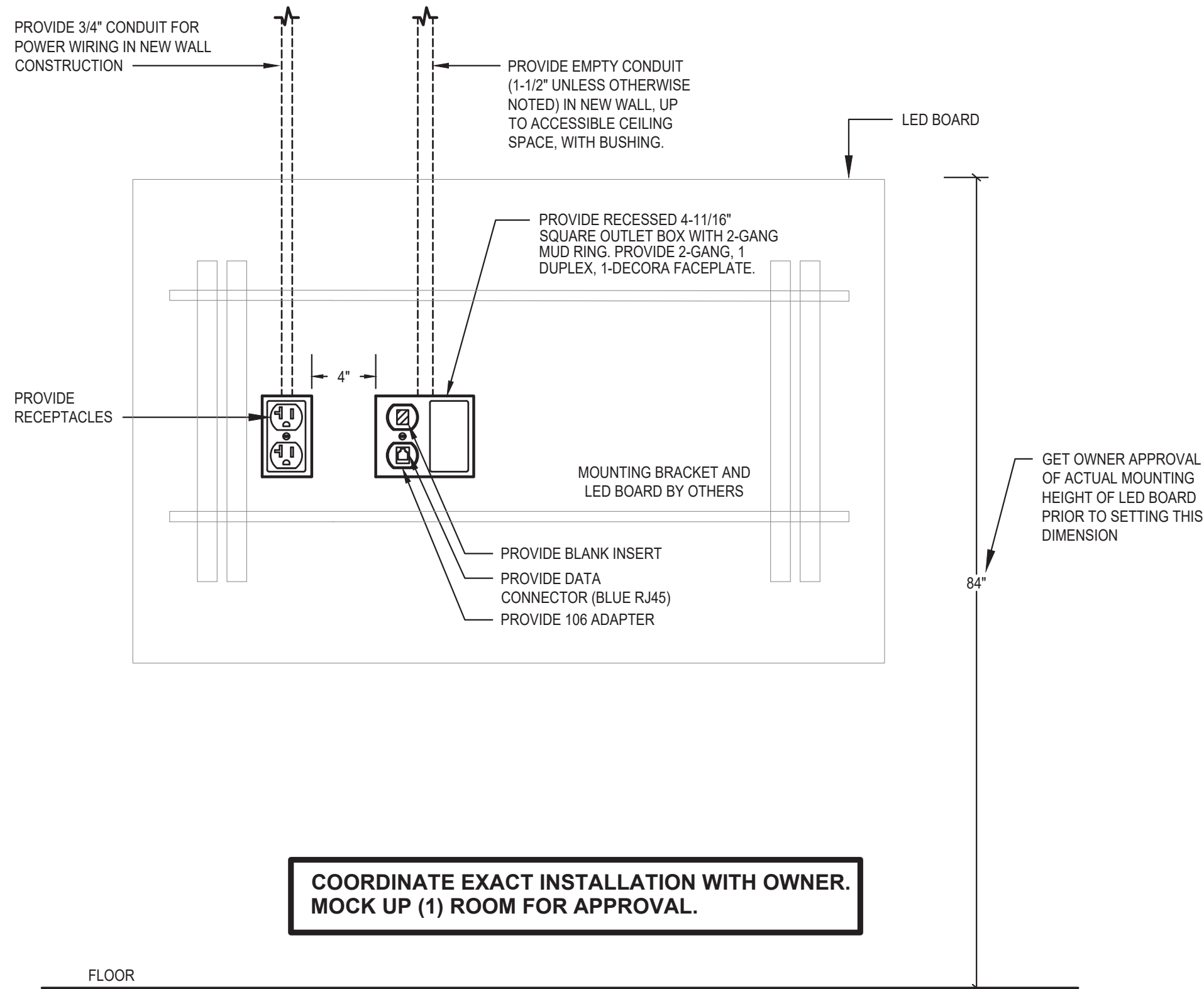
APN: 2226.2A	Date: 10/11/2024	Drawn by: S.K.
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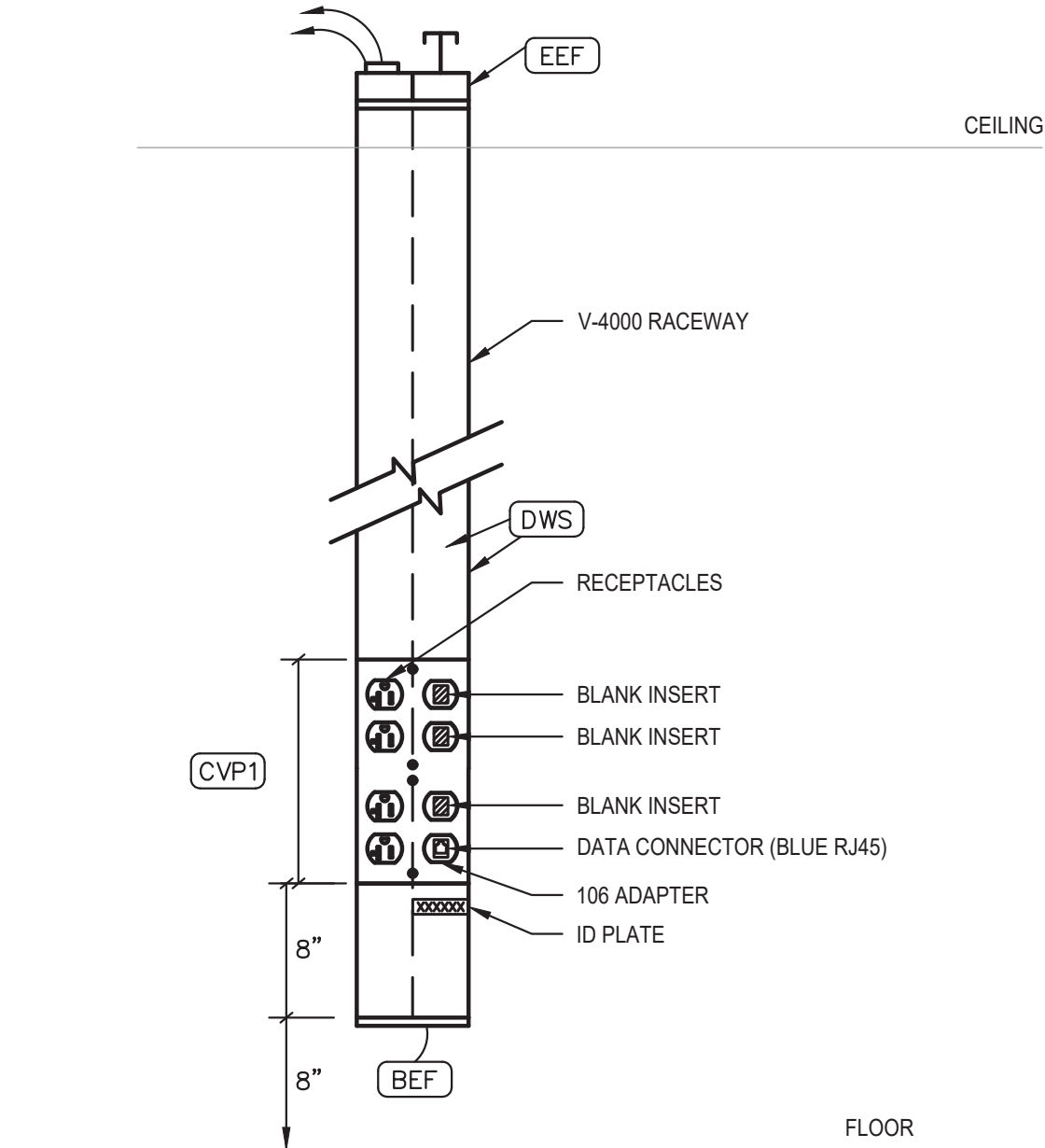
**5 POWER & DATA NEW WALL CONSTRUCTION DETAIL**  
SCALE: NTS

- NOTES
- A. REFER TO 8/T801 FOR MULTI-MEDIA CABLING REQUIREMENTS.
- B. EXTEND 4-5 FEET OF AVP-1 CABLE THRU THE WALL PLATE. COIL ALL OTHER EXTRA CABLE ABOVE THE CEILING IN J-HOOK ON WALL ABOVE THE LED BOARD LOCATION. DO NOT LAY CABLING ON CEILING TILE.



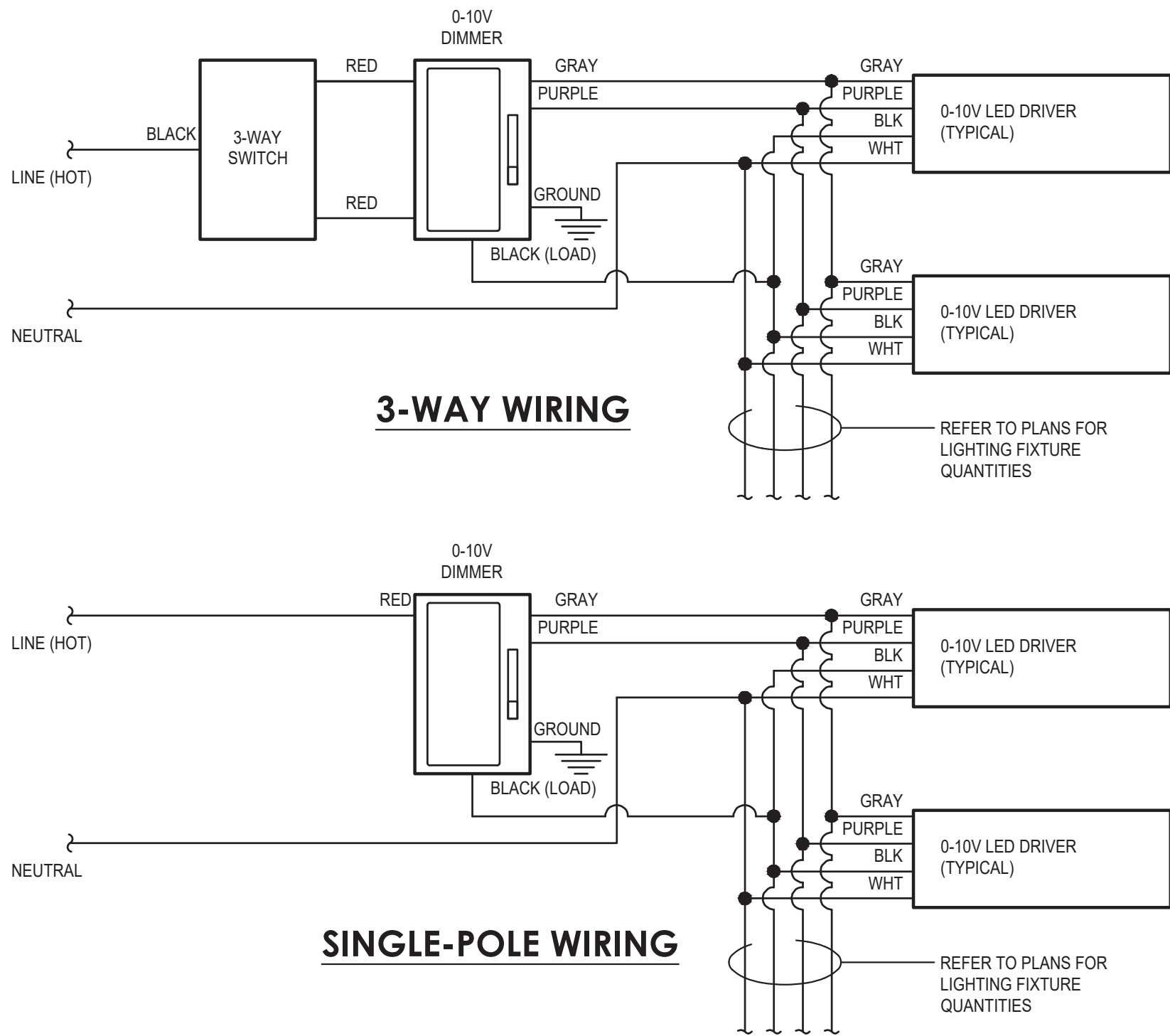
**3 INTERACTIVE LED BOARD NEW WALL CONSTRUCTION DETAIL**  
SCALE: NTS

PARTS LIST (ALL DETAILS)		
EEF	ENTRANCE END FITTING	V4010DF0
DWS	WIREMOLD V4000 SYSTEM W/ DIVIDER	V4000B-10 V4000C, G 4000D
DEL	RADIUS ELBOW W/ DIVIDER	V4011 F0
BEF	BLANK END FITTING	V4010B
CVP1	4-GANG COVER MOUNTING BRACKETS.	V4047-28BBB
DTE	DIVIDED TEE - RADIUS FULL CAPACITY	V4015DF0

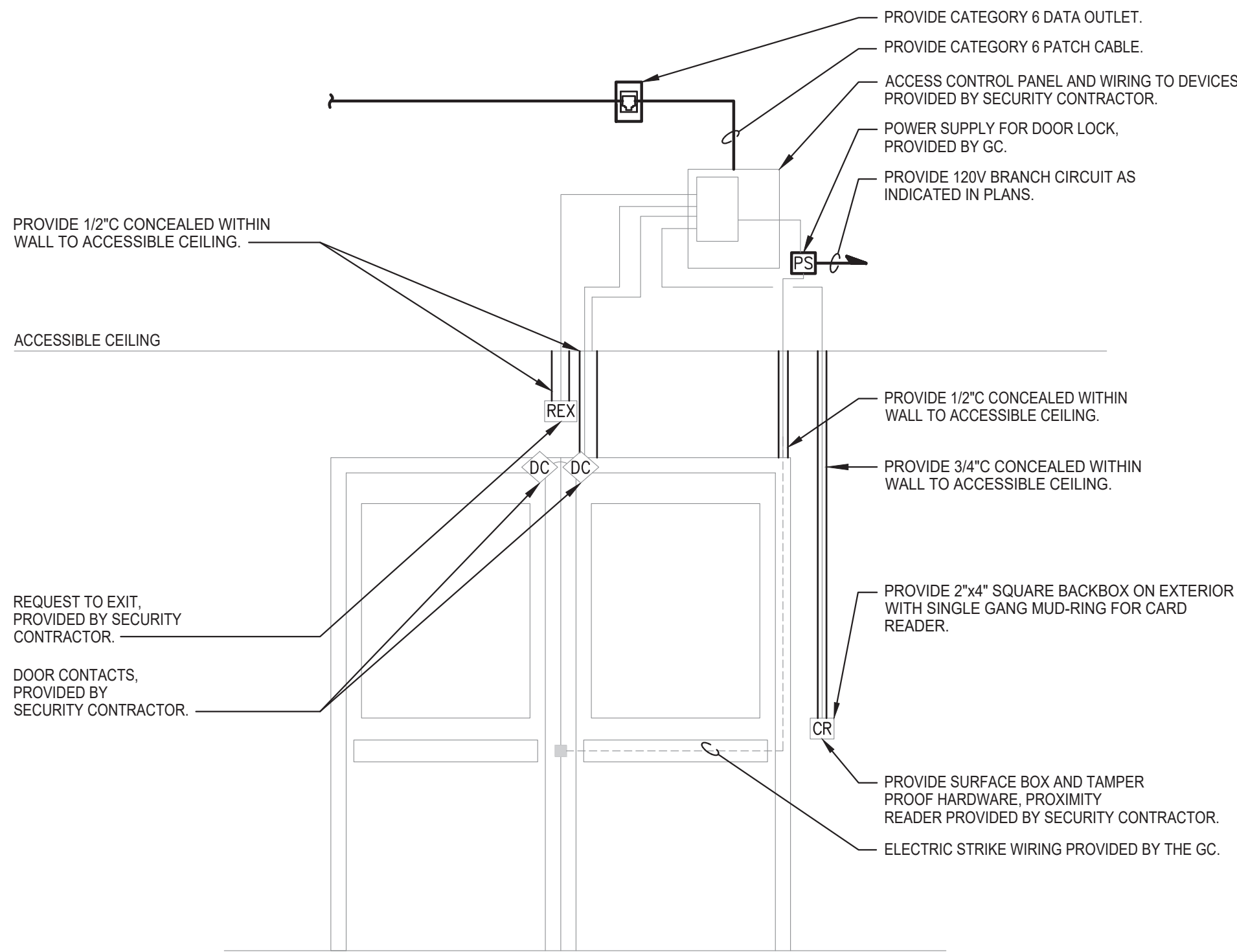


**1 VERTICAL V-4000 RACEWAY DETAIL**  
SCALE: NTS

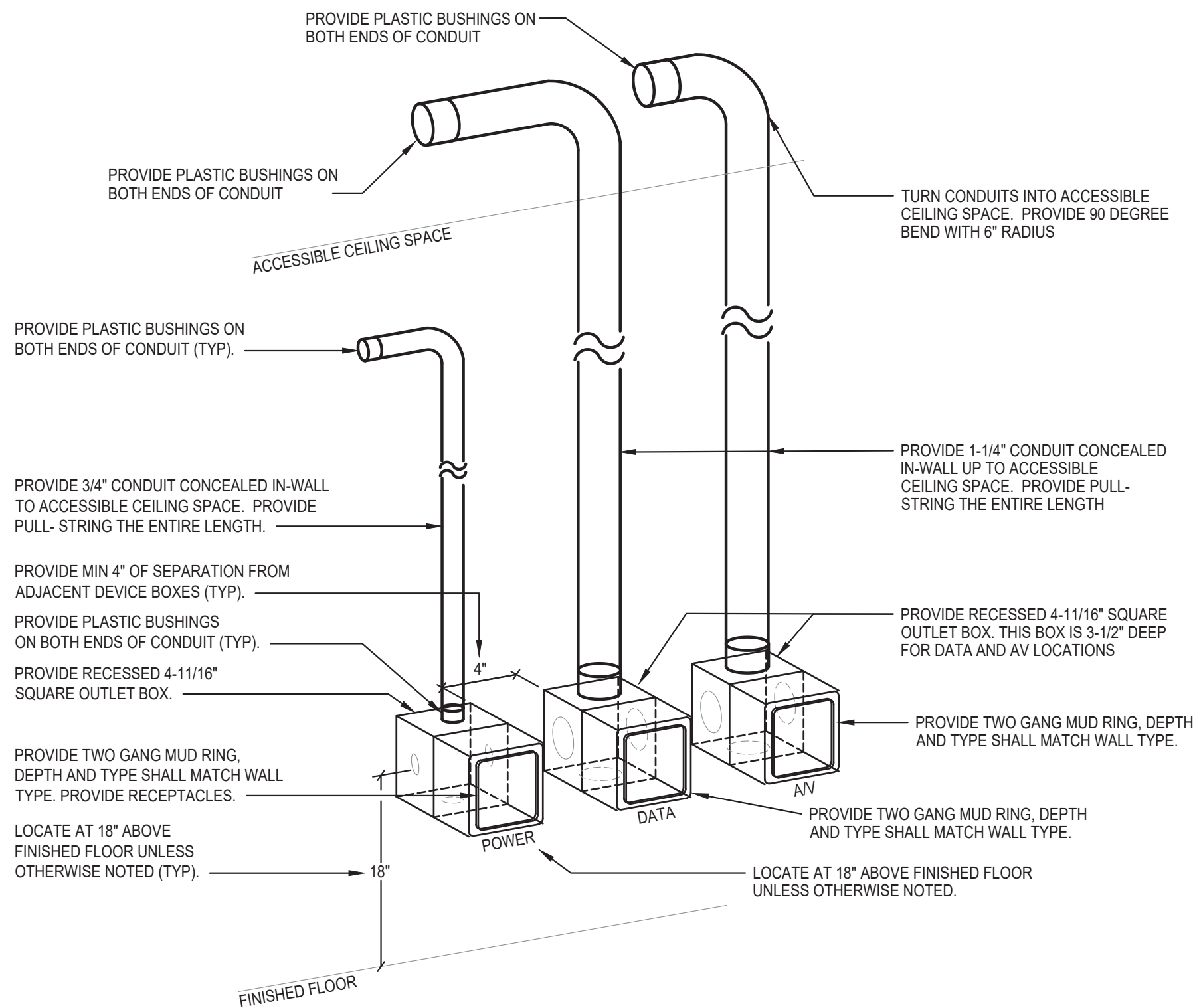
- NOTES
- A. REFER TO PLANS FOR EXACT QUANTITIES OF DIMMERS AND SWITCH CONTROL.
- B. COORDINATE EXACT BACKBOX SIZES WITH MANUFACTURERS MULTI GANG INSTALLATION REQUIREMENTS PRIOR TO ROUGH IN.
- C. REFER TO LIGHTING FIXTURE SCHEDULE AND PROVIDE 0-10V LINE VOLTAGE DIMMER FOR LOADS LESS THAN 10A/120V AND 5A/277V. DESIGN MAKE: WATTSTOPPER RH4FBL3P.



**6 0-10V LINE VOLTAGE DIMMING WIRING SCHEMATIC**  
SCALE: NTS



**4 DOOR ACCESS DETAIL**  
SCALE: NTS



**2 TEACHER STATION DETAIL**  
SCALE: NTS

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Revision :  
05/21/2025

Drawing Number :

APN : 2226-2A Date : 10/11/2024 Drawn by : CMK

DETAILS

Alterations to Administration Building

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Peekskill, New York

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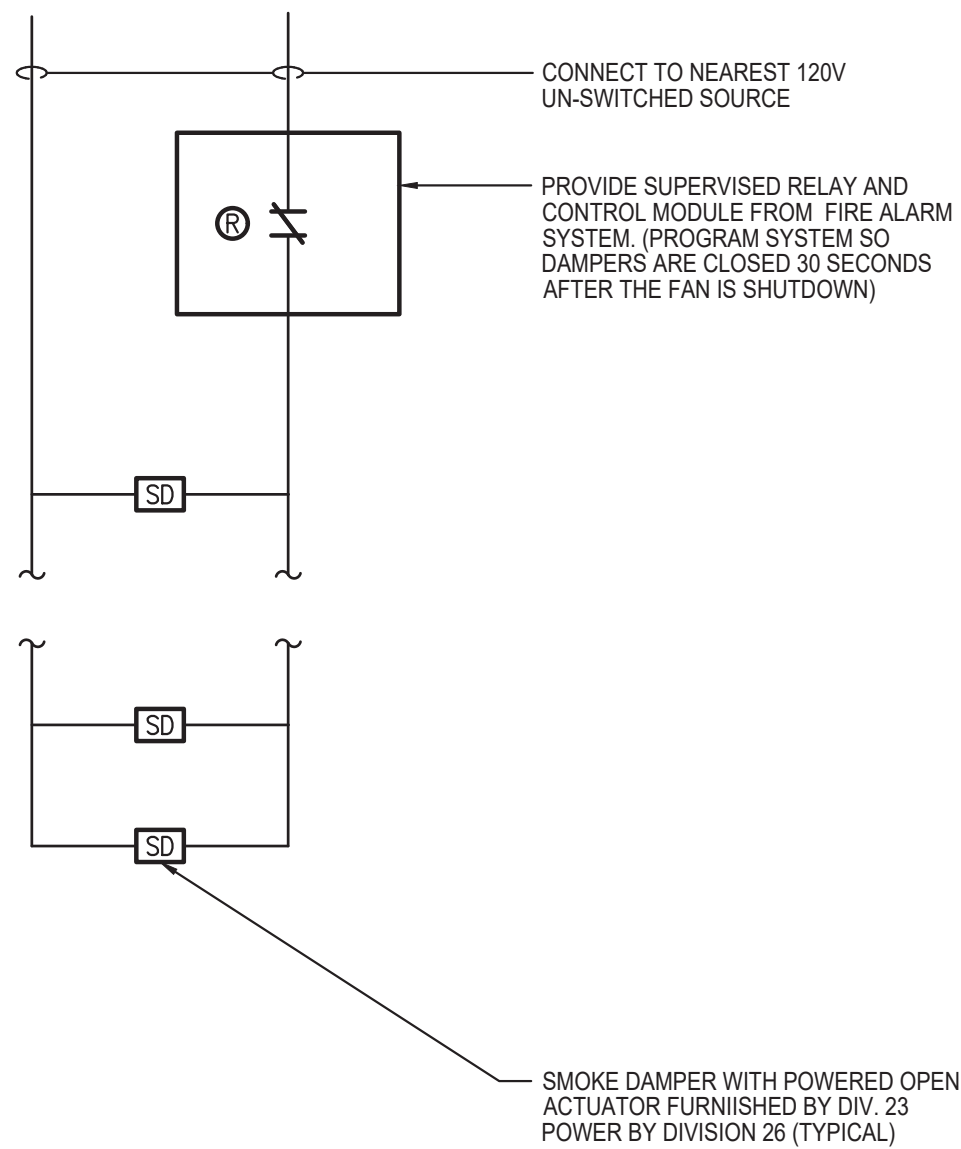
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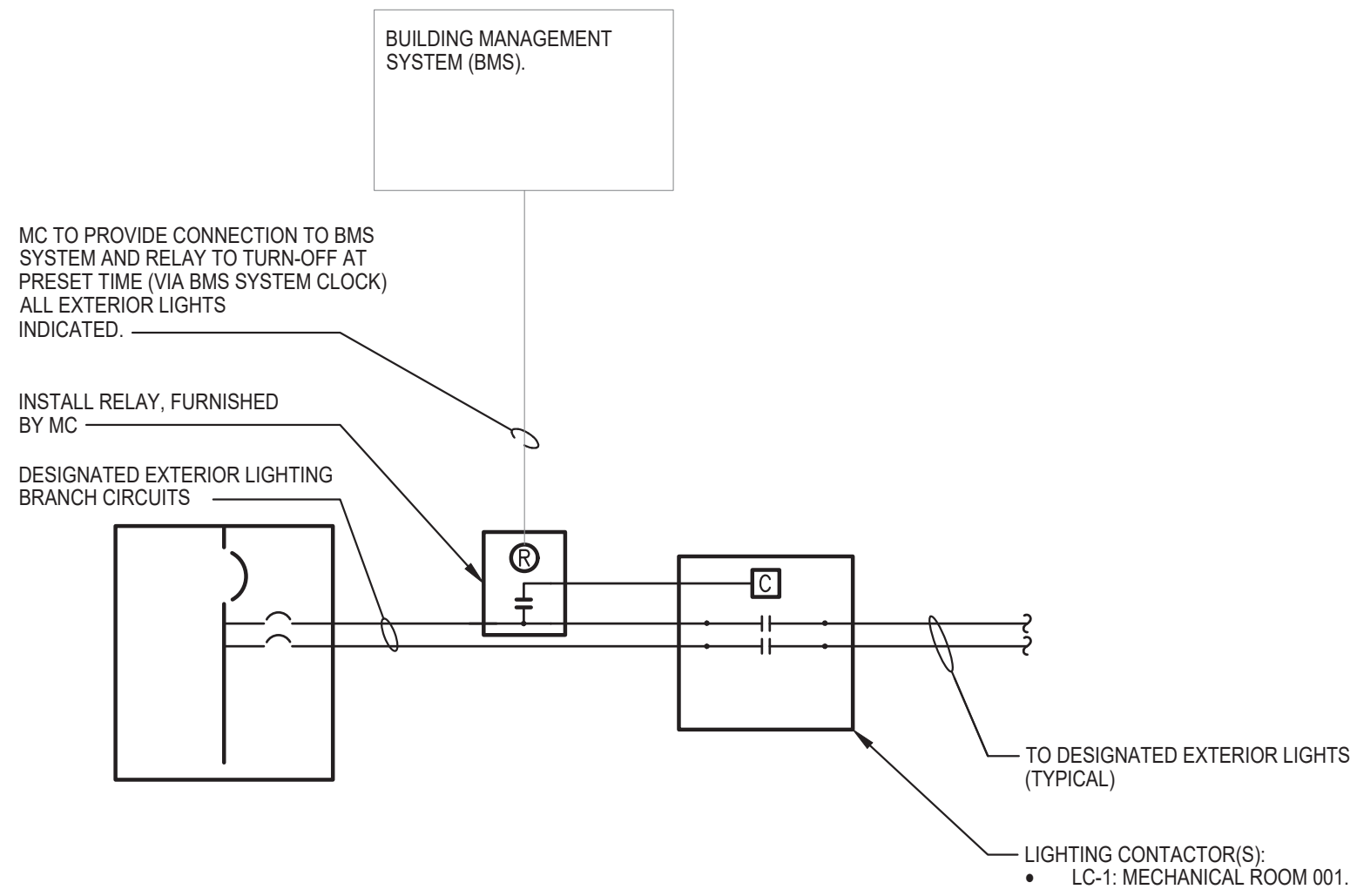
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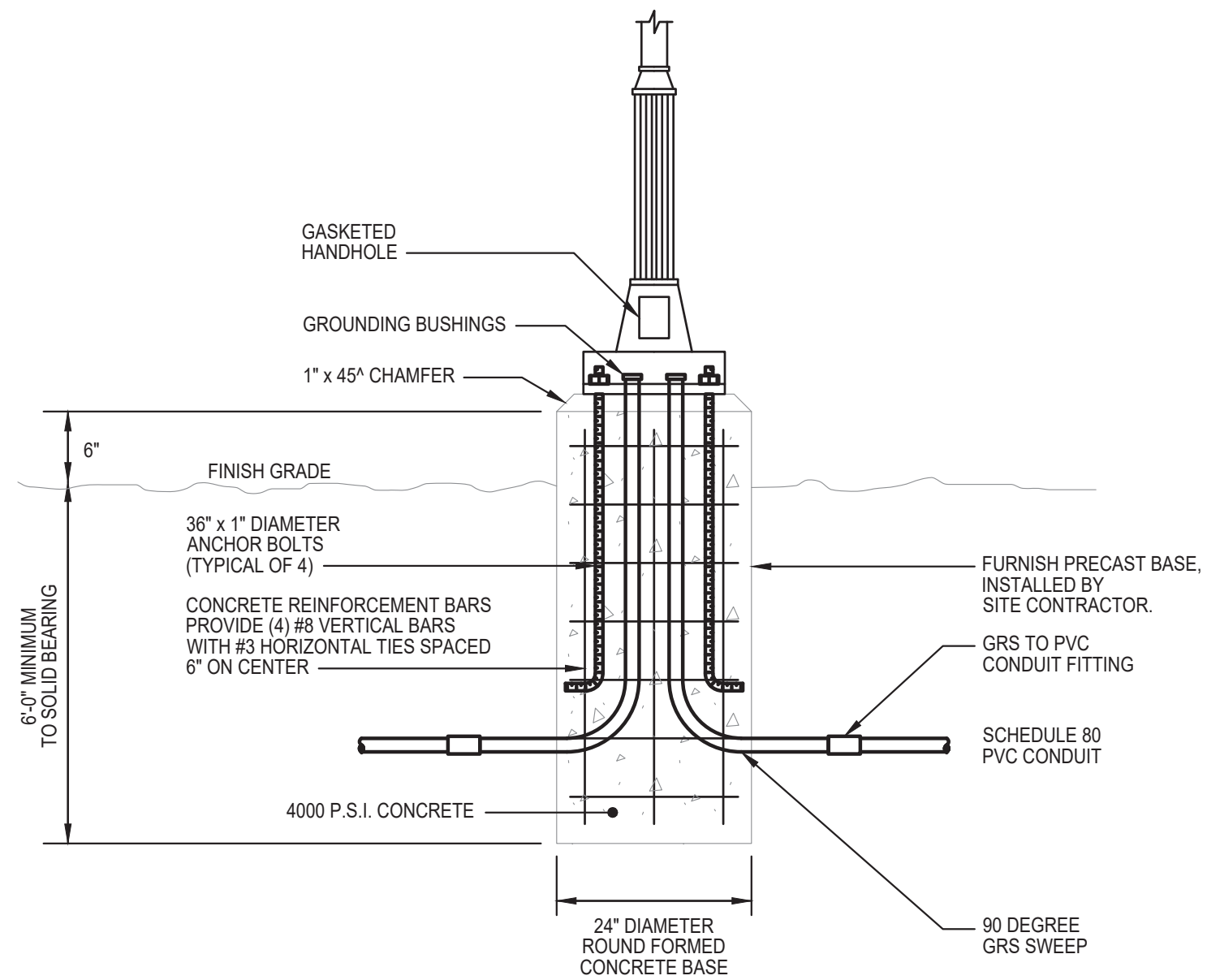




5 SMOKE DAMPER DETAIL  
SCALE: NTS



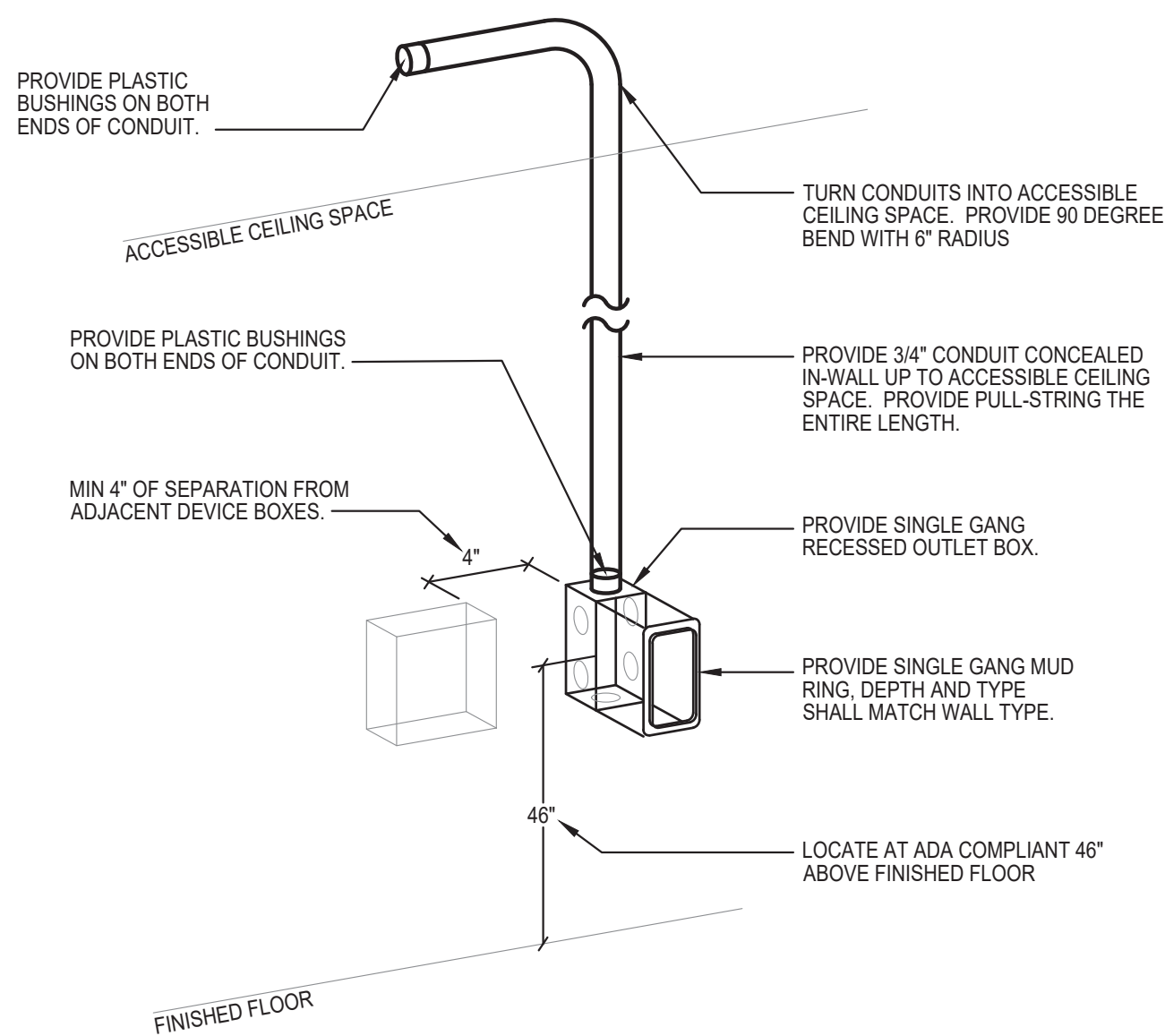
3 EXTERIOR LIGHTING CONTROL SCHEMATIC  
SCALE: NTS



1 DECORATIVE POLE BASE DETAIL  
SCALE: NTS

NOTES

A. WHEREVER POSSIBLE, DO NOT MOUNT TELEPHONE OUTLET BETWEEN AREA LIGHT SWITCHING AND DOOR FRAME (STRIKE SIDE).



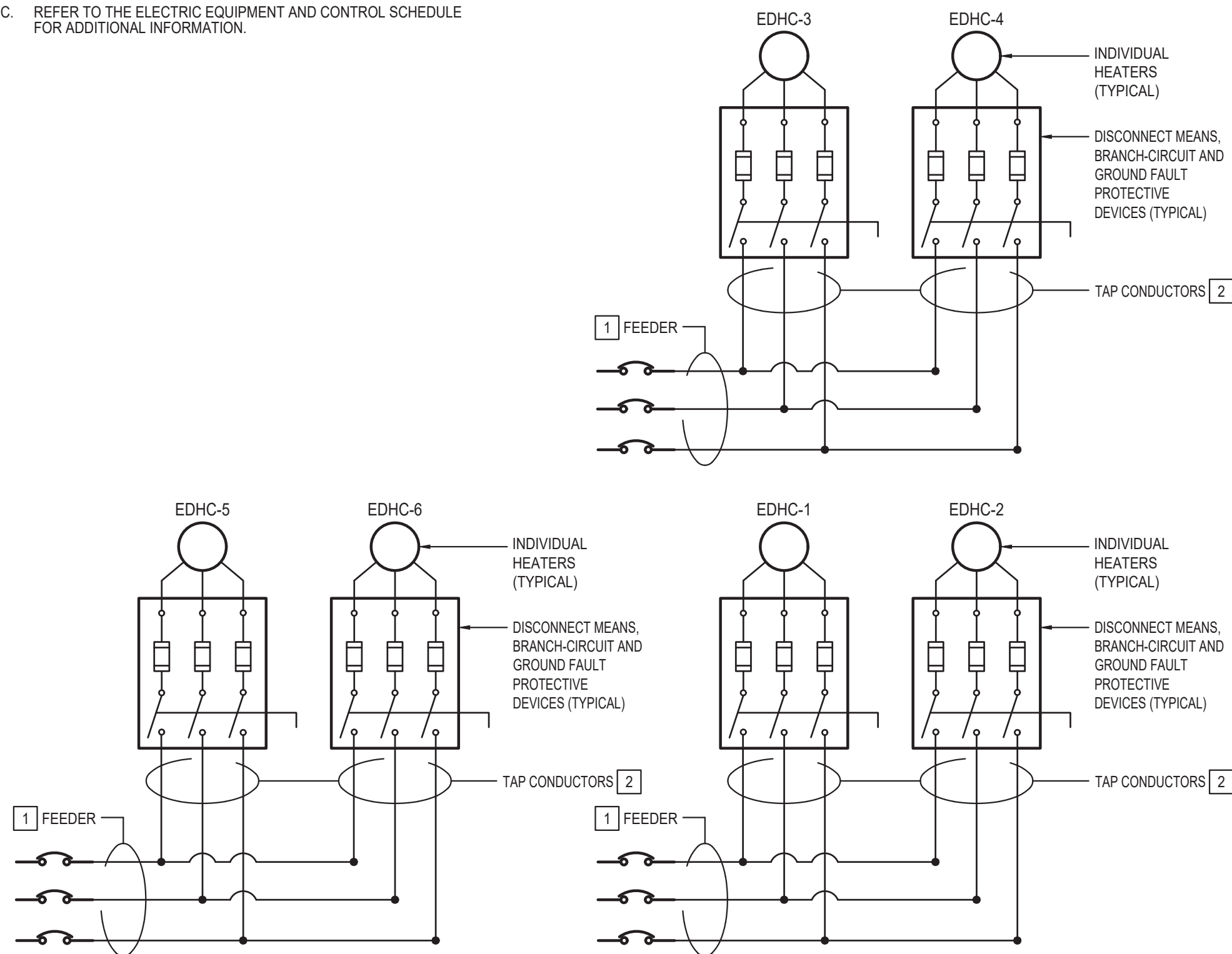
6 WALL MOUNTED TELEPHONE OUTLET DETAIL  
SCALE: NTS

NOTES

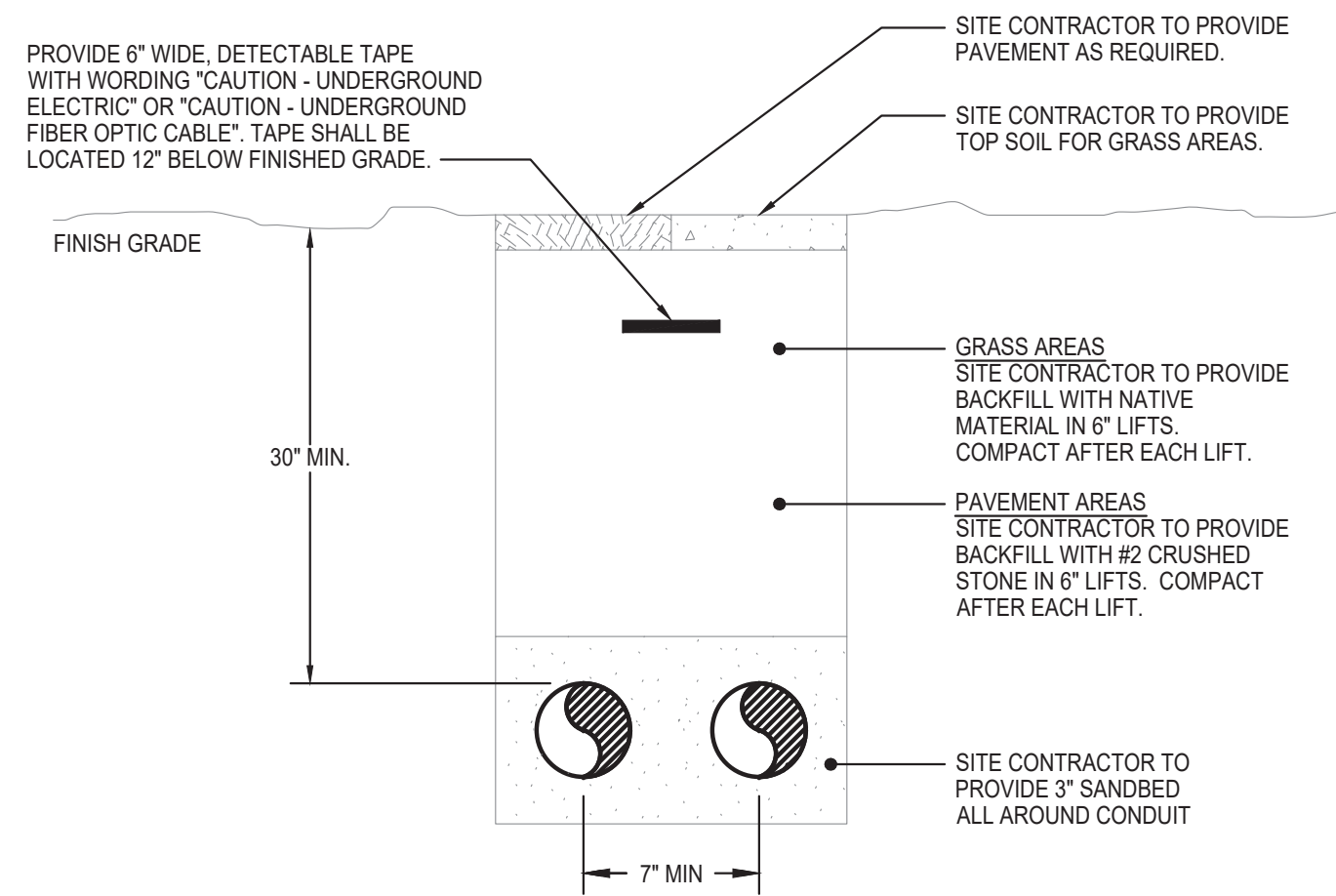
- A. THIS SCHEMATIC IS BASED ON A TYPICAL INSTALLATION OF EQUIPMENT WITH MULTIPLE POWER CONNECTIONS. OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING.
- B. MECHANICAL EQUIPMENT FEEDER SHALL BE INSTALLED IN FULL COMPLIANCE WITH NEC SECTION 240.21(B) FEEDER TAPS.
- C. REFER TO THE ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR ADDITIONAL INFORMATION.

SUPPLY WIRING:

- 1 INDICATED AS WIRING FROM PANEL TO CONTROL UNIT WITHIN THE ELECTRIC EQUIPMENT AND CONTROL SCHEDULE.
- 2 INDICATED AS WIRING FROM DISCONNECT OR CONTROL UNIT TO EQUIPMENT WITHIN THE ELECTRIC EQUIPMENT AND CONTROL SCHEDULE.



4 MULTIPLE POWER CONNECTIONS EQUIPMENT WIRING SCHEMATIC  
SCALE: NTS



2 DIRECT BURIED CONDUIT DETAIL  
SCALE: NTS

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DETAILS

APN : Z226-2A Date : 10/11/2024 Drawn by : CMK

Revision : 02/17/2025

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Peekskill, New York

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