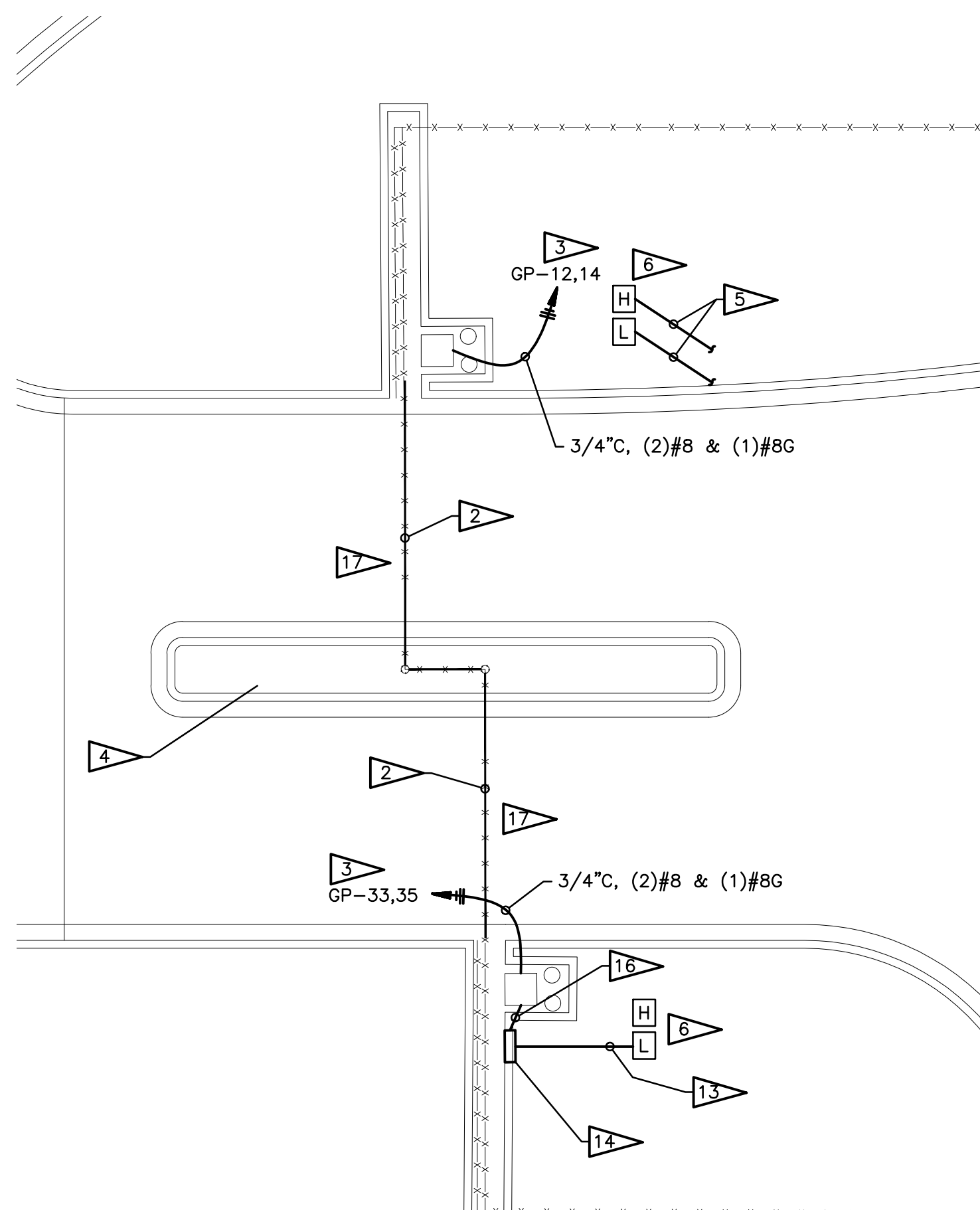
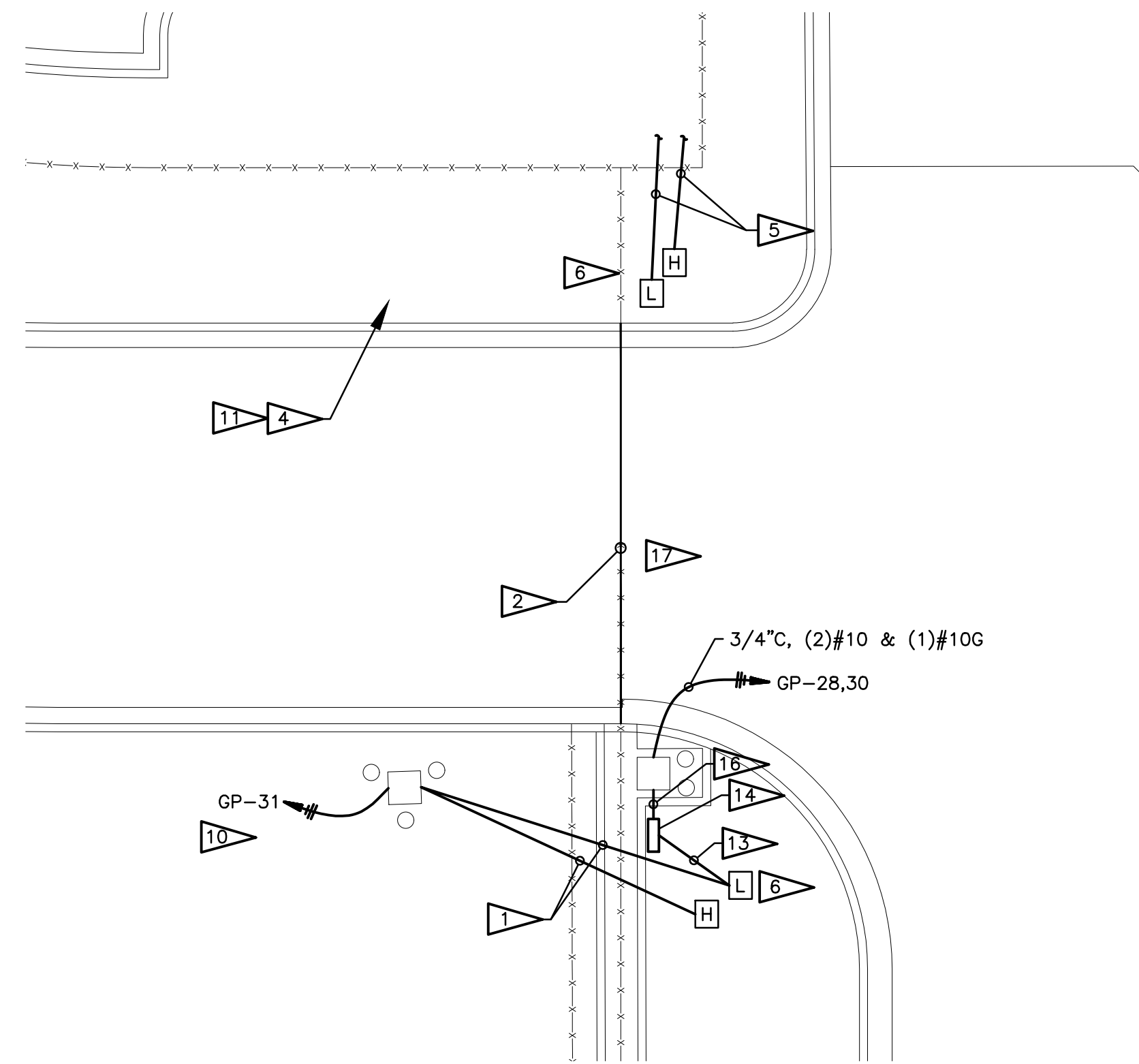


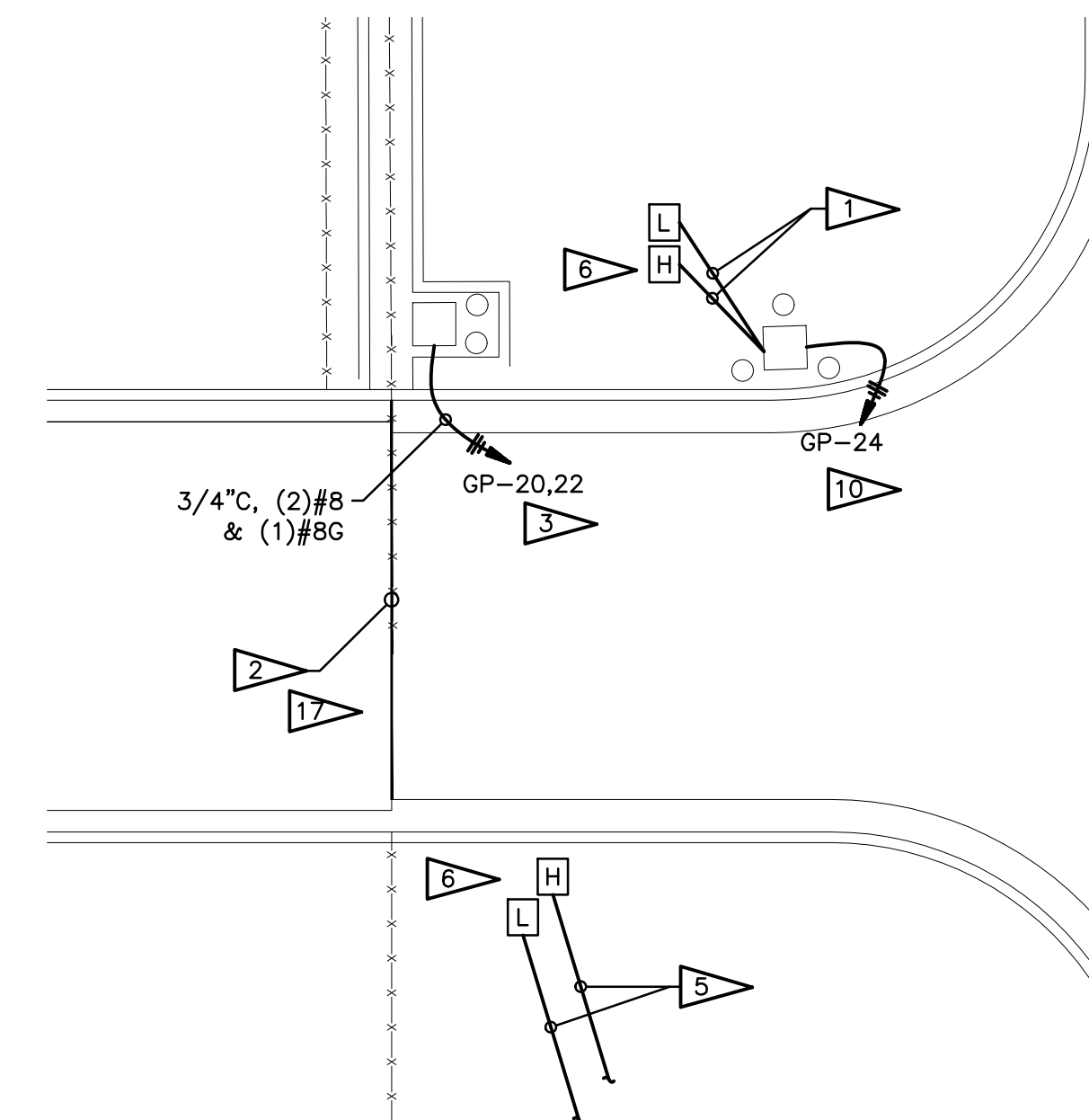
- SITE POWER AND GATE ACCESS NOTES (SHEETS ES1.1 & ES1.2):**
1. INSTALL 1" CONDUIT FROM RFID LOCATION TO LOW VOLTAGE IN-GROUND BOX AND INSTALL A SEPARATE 1" CONDUIT FROM RFID TO HIGH VOLTAGE IN-GROUND BOX. RFID TO BE 16" FROM THE FENCE AND CONDUITS TO BE 2" OFF THE CURB.
 2. INSTALL (2) 2" CONDUITS UNDER DRIVE FOR SECURITY FENCE CIRCUIT CONTINUATION.
 3. CIRCUIT FOR GATE OPERATOR. CIRCUIT ROUTED THROUGH HIGH VOLTAGE JUNCTION BOX AND THEN TO ELECTRICAL PANEL. INSTALL (2) 2" CONDUITS FROM GATE OPERATOR TO LOW VOLTAGE JUNCTION BOX.
 4. ENTRANCE KEYPAD ON GOOSENECK. INSTALL (2) 2" CONDUITS TO WORK BOX. GOOSENECKS TO BE ELECTRICAL CONTRACTOR PROVIDED AND INSTALLED.
 5. INSTALL (2) 2" CONDUITS FROM EACH IN-GROUND BOX INDICATED TO THE ELECTRICAL ROOM. THE (2) 2" CONDUITS FROM THE LOW VOLTAGE JUNCTION BOXES SHALL INCLUDE PULL STRINGS. THE POWER CIRCUITS FOR THE OPERATORS, KEYPAD, ETC. SHALL BE ROUTED THROUGH THE 2" HIGH VOLTAGE CONDUITS TO CORRESPONDING PANELS.
 6. THE BOXES MARKED 'H' AND 'L' REPRESENT IN-GROUND QUAZITE BOXES (13" X 24") WITH THE BOXES BEING FOR HIGH VOLTAGE AND LOW VOLTAGE WIRING RESPECTIVELY. THE BOXES SHALL BE INSTALLED ON EACH SIDE OF THE DRIVE ON THE SECURE SIDE OF THE FENCE. AT EACH DRIVE, INSTALL (2) 2" CONDUITS BETWEEN THE (2) HIGH VOLTAGE BOXES AND INSTALL (2) 2" CONDUITS BETWEEN THE (2) LOW VOLTAGE BOXES. AT THE MAN GATE THERE IS ONLY ONE SET OF BOXES.
 7. INSTALL (2) 4" CONDUITS TO ELECTRICAL ROOM OR DOCK FOR OWNER'S FUTURE USE.
 8. INSTALL (2) 2" CONDUITS UNDER MAN GATE FOR SECURITY FENCE CIRCUIT CONTINUATION.
 9. INSTALL (2) 2" CONDUITS FROM LOW VOLTAGE QUAZITE BOX AT MAN GATE LOCATION TO ELECTRICAL ROOM.
 10. CIRCUIT FOR RFID POWER. CIRCUIT ROUTED THROUGH HIGH VOLTAGE IN-GROUND BOX AND THEN TO THE ELECTRICAL PANEL.
 11. DOUBLE GOOSENECK. ELECTRICAL CONTRACTOR PROVIDED AND INSTALLED. SEE DETAIL ON SHEET ES1.2. INSTALL 18" FROM FACE OF FENCE AND PER DETAIL FROM FACE OF CURB. IN ADDITION TO CONDUIT IN FLAG NOTE #4, INSTALL AN ADDITIONAL 1" FROM GOOSENECK TO GATE OPERATOR. ELECTRICAL CONTRACTOR TO INSTALL OWNER PROVIDED KNOXBOX WITH WIRE TO CONTROL GATE. ORDER FROM CED WITH LIGHT FIXTURES.
 12. INSTALL A 24"x24"x12" WORK BOX AT MAN GATE ON SECURE SIDE OF FENCE (LATCH SIDE, NEXT TO GATE) WITH A 120V, QUAD OUTLET INSTALLED IN THE BOTTOM CORNER TO POWER LOW VOLTAGE SECURITY EQUIPMENT. QUAD OUTLET TO BE FED FROM CIRCUIT GP-36 AND SHALL BE ROUTED THROUGH THE HIGH VOLTAGE QUAZITE BOX TO THE ELECTRICAL PANEL IN THE BUILDING.
 13. INSTALL (2) 2" CONDUITS WITH PULL STRINGS FROM LOW VOLTAGE QUAZITE BOX TO 24"x24"x12" WORK BOX.
 14. INSTALL A 24"x24"x12" WORK BOX AT GATE ADJACENT TO THE GATE OPERATOR ON SECURE SIDE OF FENCE WITH A 120V, QUAD OUTLET INSTALLED IN THE BOTTOM CORNER TO POWER LOW VOLTAGE SECURITY EQUIPMENT. QUAD OUTLETS TO BE FED FROM CIRCUIT GP-40 & GP-42 AND SHALL BE ROUTED THROUGH THE HIGH VOLTAGE QUAZITE BOX TO THE ELECTRICAL PANEL IN THE BUILDING.
 15. INSTALL (2) 2" CONDUITS FROM HIGH VOLTAGE IN-GROUND BOX INDICATED TO THE ELECTRICAL ROOM. THE POWER CIRCUITS FOR THE OPERATORS, WORK BOX QUADS, ETC. SHALL BE ROUTED THROUGH THE 2" HIGH VOLTAGE CONDUITS TO CORRESPONDING PANELS.
 16. INSTALL (2) 1" FLEX TUBING FROM WORK BOX TO GATE OPERATOR.
 17. PROVIDE AND INSTALL A RED FLASHING LIGHT (FEDERAL SIGNAL MODEL AV1-LED-024R OR EQUAL) ON TOP OF SLIDING GATE. WIRE LIGHT TO GATE OPERATOR VIA (2)#16 & (1)#16G. AT THE GATE OPERATOR CONNECT ONE WIRE TO +24V, ONE WIRE TO THE USER 3 RELAY (N.O.), AND ONE WIRE TO GROUND.
 18. FOR ALL SPARE CONDUITS ON THE SITE THAT DO NOT TERMINATE IN A JUNCTION BOX, EXTEND THE CONDUIT END ABOVE GRADE AND SECURELY CAP THE CONDUITS.
 19. GENERATORS, TRANSFORMERS, AND ANY OTHER GROUND MOUNTED EQUIPMENT SHALL BE SET ON CONCRETE HOUSEKEEPING PADS.



① ENLARGED EMPLOYEE GATE ACCESS PLAN
1/8" = 1'-0" NORTH

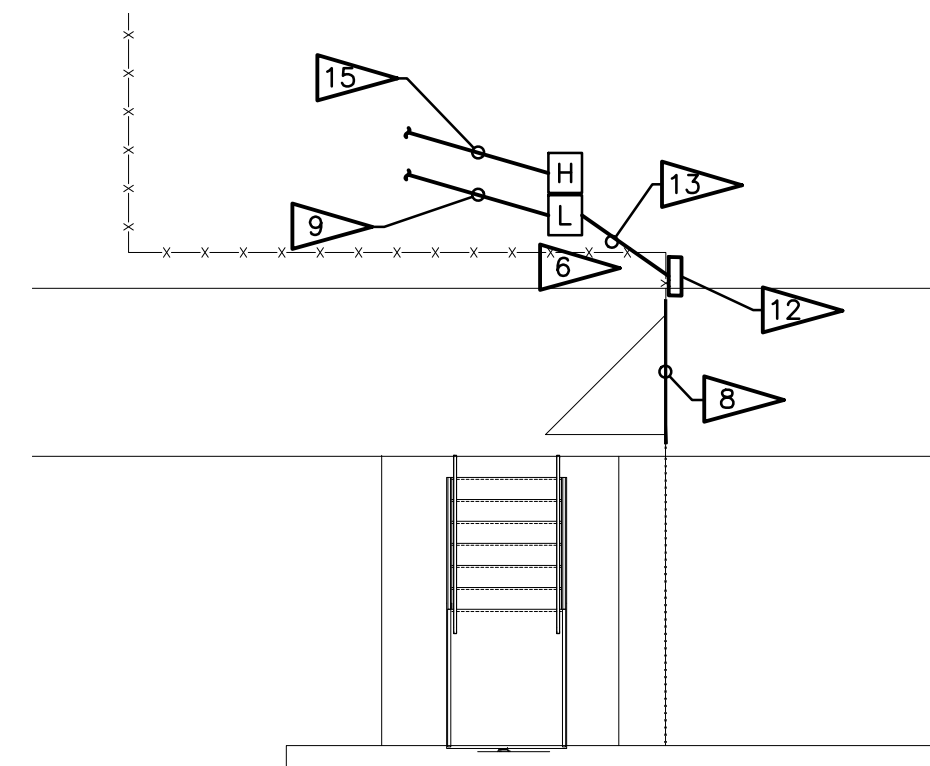


② ENLARGED INBOUND TRUCK GATE ACCESS PLAN
1/8" = 1'-0" NORTH

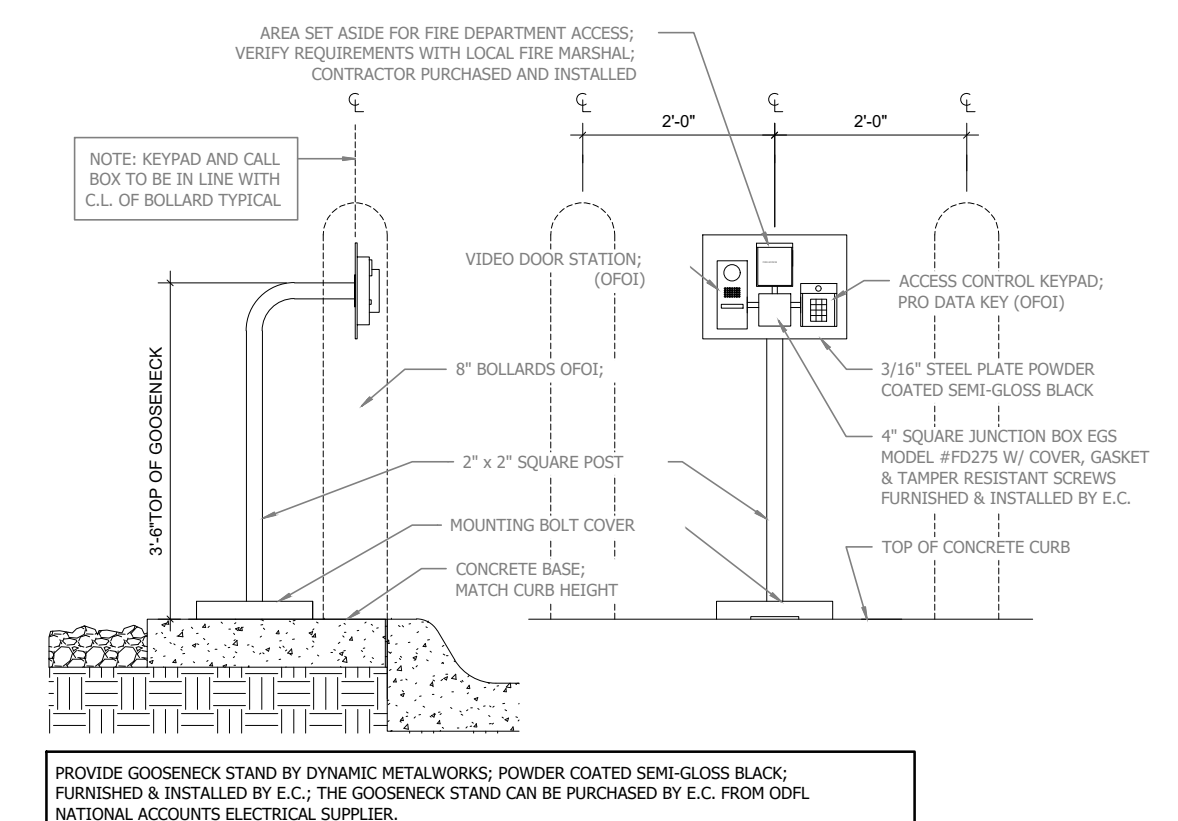


③ ENLARGED OUTBOUND TRUCK GATE ACCESS PLAN
1/8" = 1'-0" NORTH

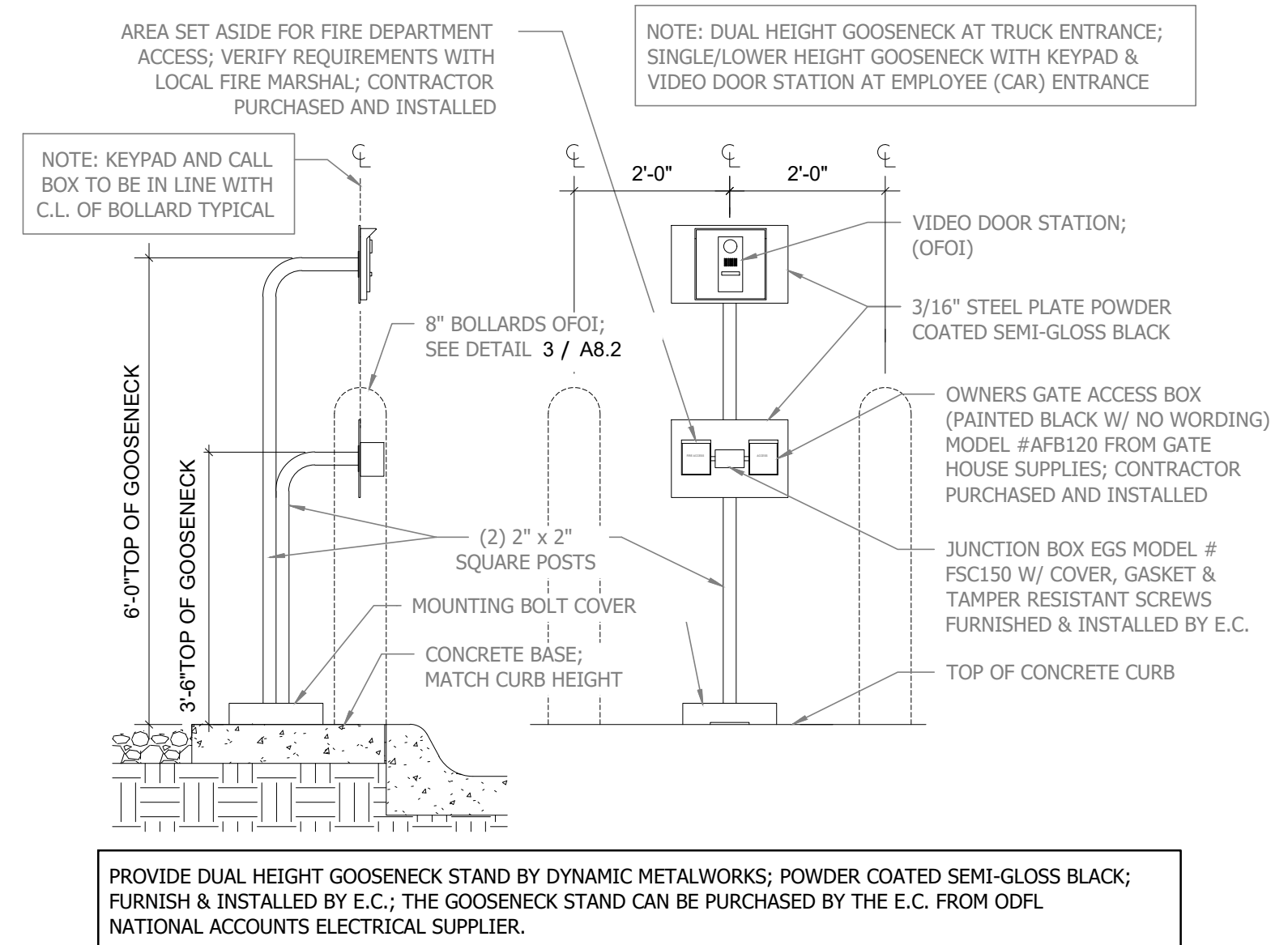
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 - INSTALL A 24"x24"x12" WORK BOX AT MAN GATE ON SECURE SIDE OF FENCE (LATCH SIDE, NEXT TO GATE) WITH A 120V, QUAD OUTLET INSTALLED IN THE BOTTOM CORNER TO POWER LOW VOLTAGE SECURITY EQUIPMENT. QUAD OUTLET TO BE FED FROM CIRCUIT GP-36 AND SHALL BE ROUTED THROUGH THE HIGH VOLTAGE QUAZITE BOX TO THE ELECTRICAL PANEL IN THE BUILDING.
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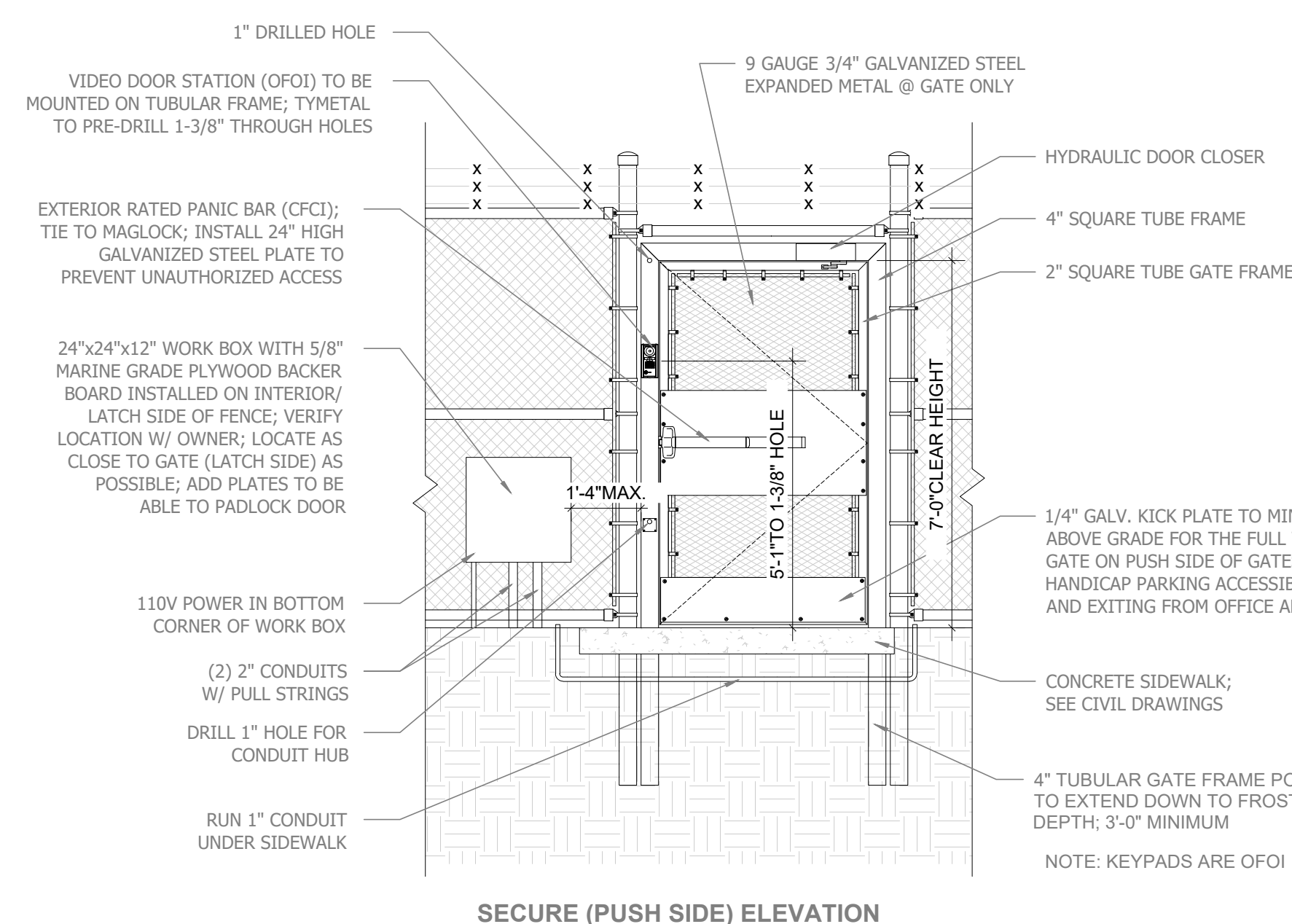
④ ENLARGED MAN GATE ACCESS PLAN
1/8" = 1'-0" NORTH



⑤ EMPLOYEE GATE ACCESS CONTROL DETAIL
1/2" = 1'-0"



⑥ TRUCK GATE ACCESS CONTROL DETAIL
1/2" = 1'-0"



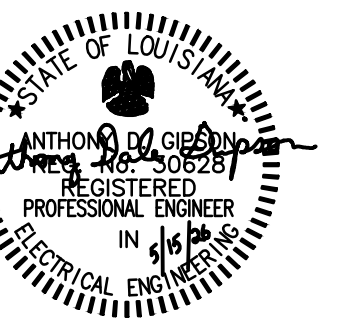
⑦ FENCE DETAIL - MAN GATE
3/8" = 1'-0"



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Contractor:
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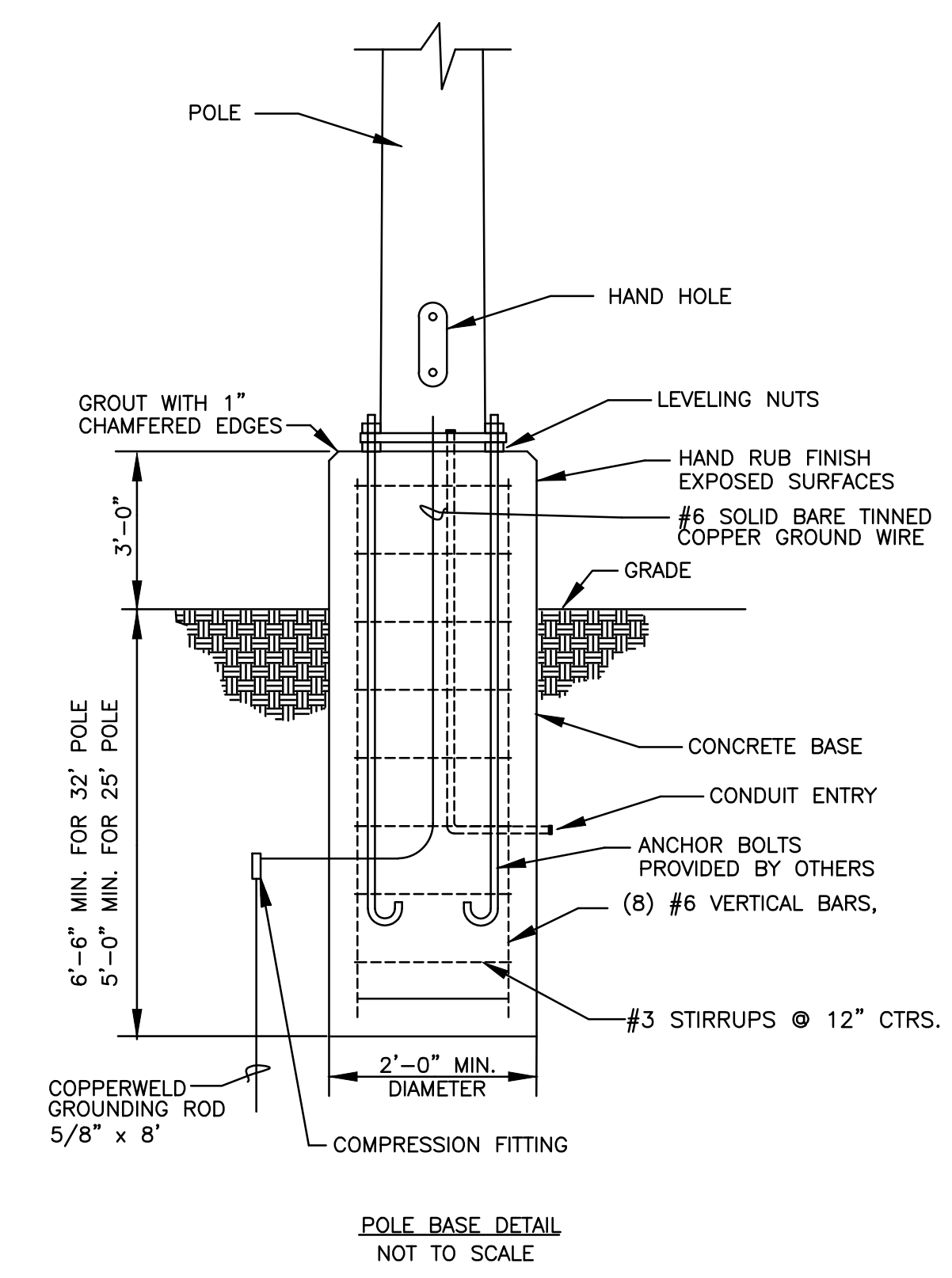
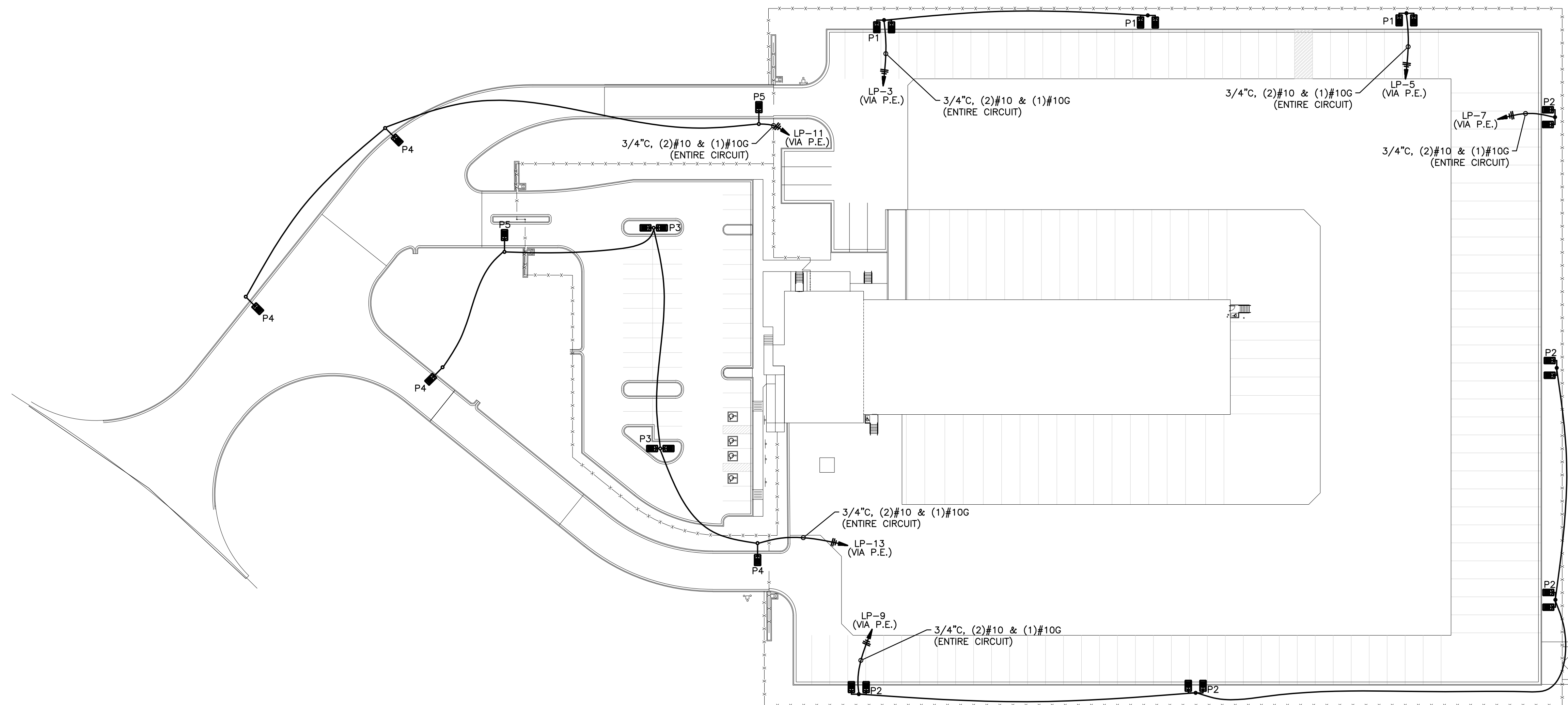
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FIXTURE SCHEDULE							
TYPE	MANUFACTURER	CATALOG #	LAMPS	VOLTAGE	MOUNTING	TYPE/REMARKS	
P1	LITHONIA	RSX4 LED P6 50K R4 MVOLT HS DNAXD	(2) 546W LED	277	32' POLE, 3' BASE	TWIN HEADS MOUNTED 35'-0" AFG	
P2	LITHONIA	RSX3 LED P2 50K R4 MVOLT DNAXD	(2) 223W LED	277	32' POLE, 3' BASE	TWIN HEADS MOUNTED 35'-0" AFG	
P3	LITHONIA	RSX3 LED P4 50K R5 MVOLT DNAXD	(2) 312W LED	277	25' POLE, 3' BASE	TWO HEADS @ 180 DEGREES MOUNTED 28'-0" AFG	
P4	LITHONIA	RSX2 LED P6 50K R3 MVOLT DNAXD	244W LED	277	25' POLE, 3' BASE	SINGLE HEAD MOUNTED 28'-0" AFG	
P5	LITHONIA	RSX3 LED P4 50K R5 MVOLT DNAXD	312W LED	277	25' POLE, 3' BASE	SINGLE HEAD MOUNTED 28'-0" AFG	

NOTE:
PLEASE NOTE ODFL HAS A NATIONAL ACCOUNT WITH HUBBELL & CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC. (CED) ALL LIGHTING FIXTURES, CX SERIES LIGHTING CONTROL PANELS, AND SWITCHES, DIMMER SWITCHES, OCCUPANCY SENSORS, SECURITY PEDESTALS AND POWER PACKS SHALL BE PURCHASED THROUGH ODFL'S NATIONAL ACCOUNT WITH CED. CONTACT JEFF TAYLOR AT CED FOR LIGHTING PACKAGE QUOTES.

CED - CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.
EMAIL - ODFLPROJECTS@CEDSLC.COM
JEFF TAYLOR - (612) 598-8044 CELL

ALL FIXTURES TO BE CONFIRMED BY OWNER PRIOR TO PURCHASE.



① SITE LIGHTING PLAN
1" = 40'-0"



Sheet Name:
SITE LIGHTING PLAN
Sheet Number:
ES2.1

Symbol	Qty	Label	Mounting Height	LLF	Arrangement	Lum. Watts	Description
	5	R4	25' - 0" AFF	0.900	Single	109.44	RSX1-LED-P3-50K-R4
	3	P1	35' - 0" AFF	0.900	Twin	545.66	RSX4-LED-P6-50K-R4-HS
	5	P2	35' - 0" AFF	0.900	Twin	222.88	RSX3-LED-P2-50K-R4
	2	P3	28' - 0" AFF	0.900	Back - Back	311.92	RSX3-LED-P4-50K-R5
	4	P4	28' - 0" AFF	0.900	Single	246.63	RSX2-LED-P6-50K-R3
	2	P5	28' - 0" AFF	0.900	Single	311.92	RSX3-LED-P4-50K-R5

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Property Line	Illuminance	Fc	0.01	0.4	0.0	N.A.	N.A.
Employee Lot	Illuminance	Fc	4.45	6.5	2.5	1.78	2.60
Yard	Illuminance	Fc	2.86	13.4	0.9	3.18	14.89



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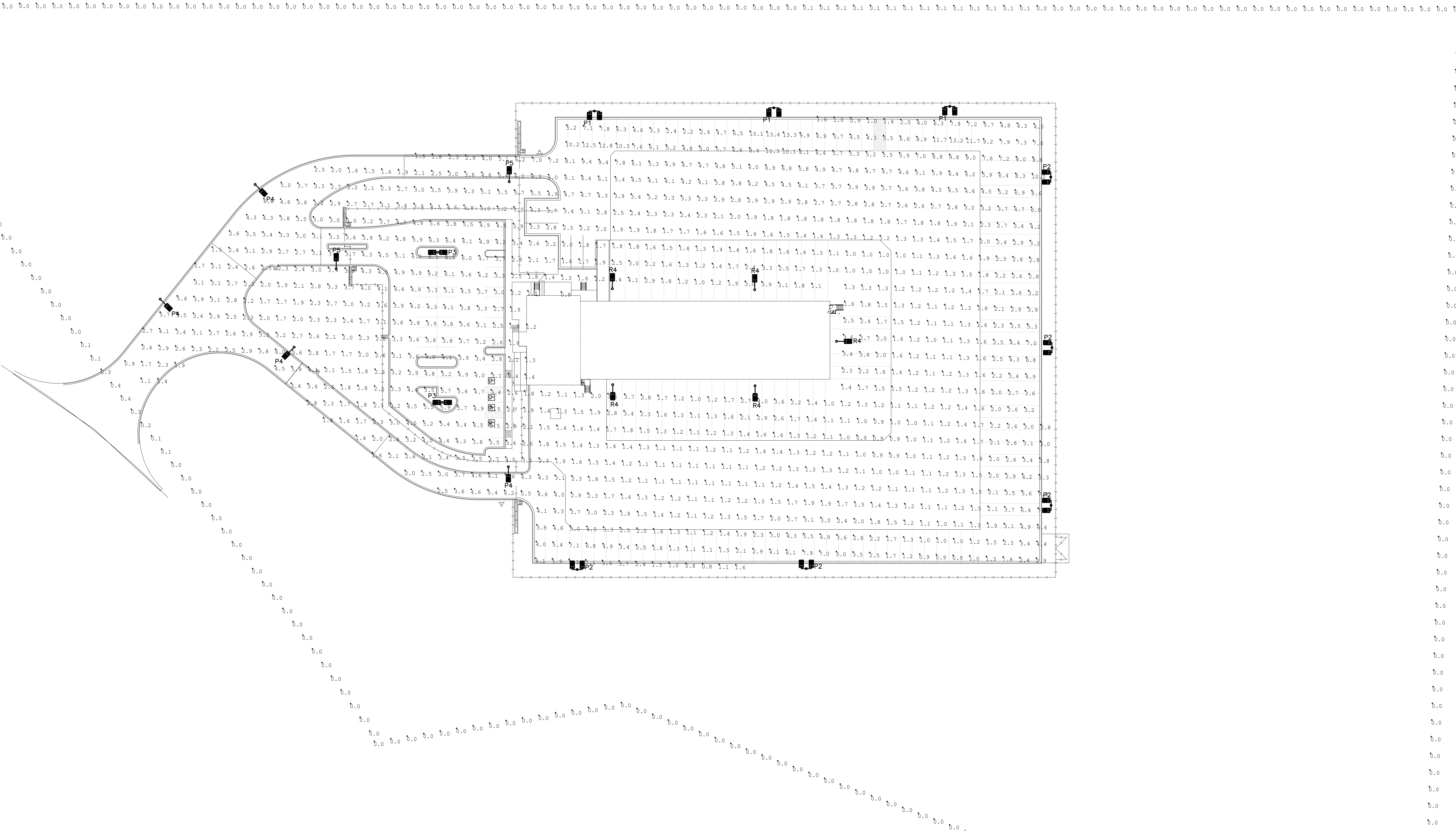
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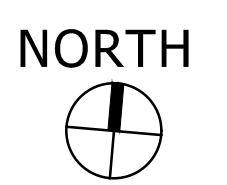
Sheet Name:
SITE PHOTOMETRICS

Sheet Number:

ES2.1A

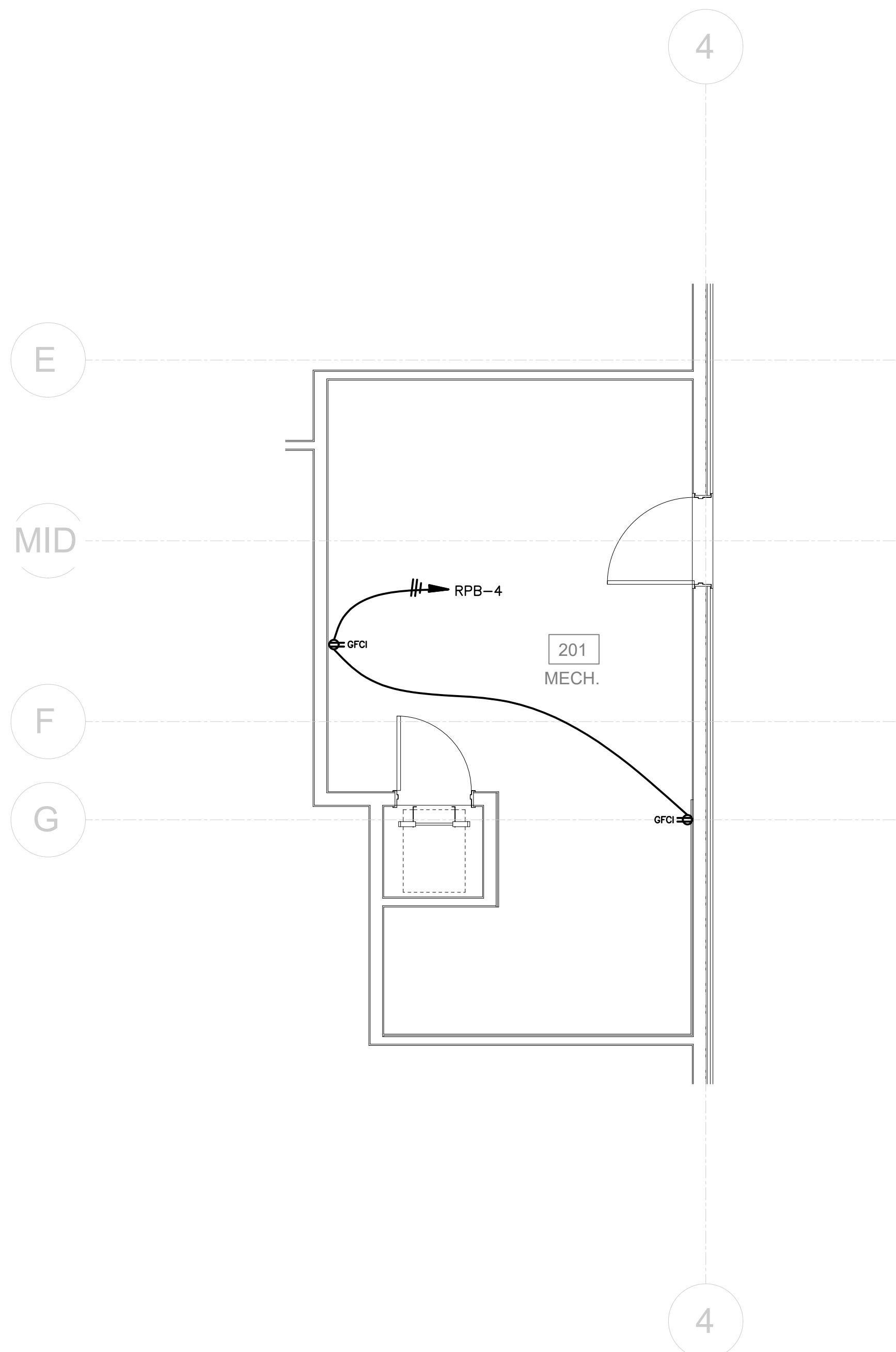


① SITE PHOTOMETRICS
1" = 40'-0"



POWER PLAN NOTES (E1.1, E1.2):

1. INSTALL (1) 2" ANTENNA MAST FROM DATA ROOM THROUGH THE ROOF FOR 5G ANTENNA.
2. PROVIDE (2) 2" SLEEVES FOR LOW VOLTAGE. KEEP SLEEVES TIGHT TO THE DECK.
3. ALL DEVICES IN DISPATCH TO BE MOUNTED 4" BELOW COUNTER TOP. ALL RECEPTACLES IN DISPATCH TO BE QUADRUPLX.
4. DATA DROP FOR AIPHONE ACCESS CONTROL COMMUNICATION STATION. COORDINATE LOCATION.
5. FIELD COORDINATE EXACT LOCATION OF RECESSED BOX FOR TV RECEPTACLE WITH OWNER/ARCHITECT PRIOR TO INSTALLATION. MOUNT RECEPTACLE 8"-15" AFF WITH A DATA OUTLET ADJACENT TO IT. RECEPTACLE AND DATA OUTLET MUST BE IN COMMON RECESSED BOX. IN TRAINING ROOM, ALSO MOUNT AN ADDITIONAL JUNCTION BOX BESIDE THESE DEVICES BEHIND THE TV AND MOUNT A QUAD RECEPTACLE, A JUNCTION BOX, AND A DATA DROP AT 16" AFF. THE DATA DROP AT 16" SHALL HAVE A 1-1/2" UP TO THE DATA DROP BEHIND THE TV AND SHALL CONTINUE TO ABOVE THE CEILING. THE JUNCTION BOX AT 16" SHALL HAVE A 1-1/2" UP TO THE JUNCTION BOX AT THE TV ABOVE FOR AN HDMI CABLE. SEE ARCHITECTURAL DETAIL.
6. INSTALL 4" CONDUIT FROM TELEPHONE UTILITY INTERFACE POINT AT THE PROPERTY LINE TO THE TELEPHONE BACKBOARD. COORDINATE WITH LOCAL TELEPHONE UTILITY.
7. INSTALL (4) QUAD RECEPTACLES ON ADJACENT WALL AT EACH OWNER'S DATA RACK. ONE QUAD @ 1'-4" AFF AND ONE QUAD AT 6'-0" AFF TOGETHER ON ONE CIRCUIT (IN DATA 113 CIRCUITS GP-6 AND GP-8). INSTALL A SECOND QUAD @ 1'-4" AFF AND A SECOND QUAD AT 6'-0" TOGETHER ON ONE CIRCUIT (IN DATA 113 CIRCUITS GP-32 AND GP-34). IN ADDITION, PROVIDE AND INSTALL A GROUND BAR BEHIND THE DATA RACK AND TIE TO THE ELECTRICAL SERVICE GROUND USING #6 COPPER WIRE.
8. PROVIDE (2) 4" SLEEVES FROM DOCK ABOVE OFFICE TO DATA ROOM. ONE FOR SECURITY AND ONE FOR VOICE AND DATA. KEEP SLEEVES TIGHT TO THE DECK.
9. FOR THE TIMECLOCK LOCATION, INSTALL A DATA OUTLET WITH A 3/4" CONDUIT STUBBED ABOVE THE CEILING. THE BOX SHOULD BE MOUNTED HORIZONTALLY WITH THE TOP OF THE BOX 48" AFF. MAX.
10. THE FIRE ALARM CONTROL PANEL SHALL MONITOR ALL SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES INCLUDING DEVICES ON THE SITE AND THE RISER ROOMS. COORDINATE WITH SPRINKLER CONTRACTOR. IT SHALL HAVE A DIGITAL COMMUNICATOR FOR COMMUNICATING WITH A CENTRAL STATION. THIS SYSTEM SHALL ALSO INCLUDE DUCT SMOKE DETECTORS FOR THE HVAC UNITS AS INDICATED IN THE MECHANICAL PLANS. SHUTDOWN OF THE ASSOCIATED HVAC UNITS SHALL ALSO BE PROVIDED.
11. MICROWAVE RECEPTACLE TO BE LOCATED IN CABINET ABOVE MICROWAVE. SEE ARCHITECTURAL INTERIOR ELEVATIONS.
12. PROVIDE (2) 2" SLEEVES FOR LOW VOLTAGE FROM DATA ROOM TO OPEN OFFICE AREA. KEEP SLEEVES TIGHT TO THE DECK.
13. INSTALL 1 QUADRUPLX RECEPTACLE ON EACH SHELF AT THE WALL SHELVING. COORDINATE THE NUMBER OF SHELVES WITH ARCHITECTURAL. INSTALL A DUPLEX RECEPTACLE AND DATA DROP AT THE SIDE COUNTER ADJACENT TO THE WIRE SHELVING.
14. PROVIDE & INSTALL A LOW TEMPERATURE ALARM FOR THE RISER ROOM ON WALL INDICATED. SEE DETAIL ON SHEET E3.2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A SIGN FOR ALARM AS INDICATED IN THE DETAIL. DO NOT CONNECT TO HEATER CIRCUIT LOCATED IN THIS AREA.
15. POWER CIRCUIT TO BE 3/4"C, (3)#12, (1)#10(N) & (1)#12G. FOR FURNITURE NOT LOCATED ADJACENT TO A WALL, INSTALL A POWER POLE FOR POWER AND DATA WITH A DIVIDER BETWEEN THE TWO SECTIONS FOR CONNECTION TO THE SYSTEMS FURNITURE.

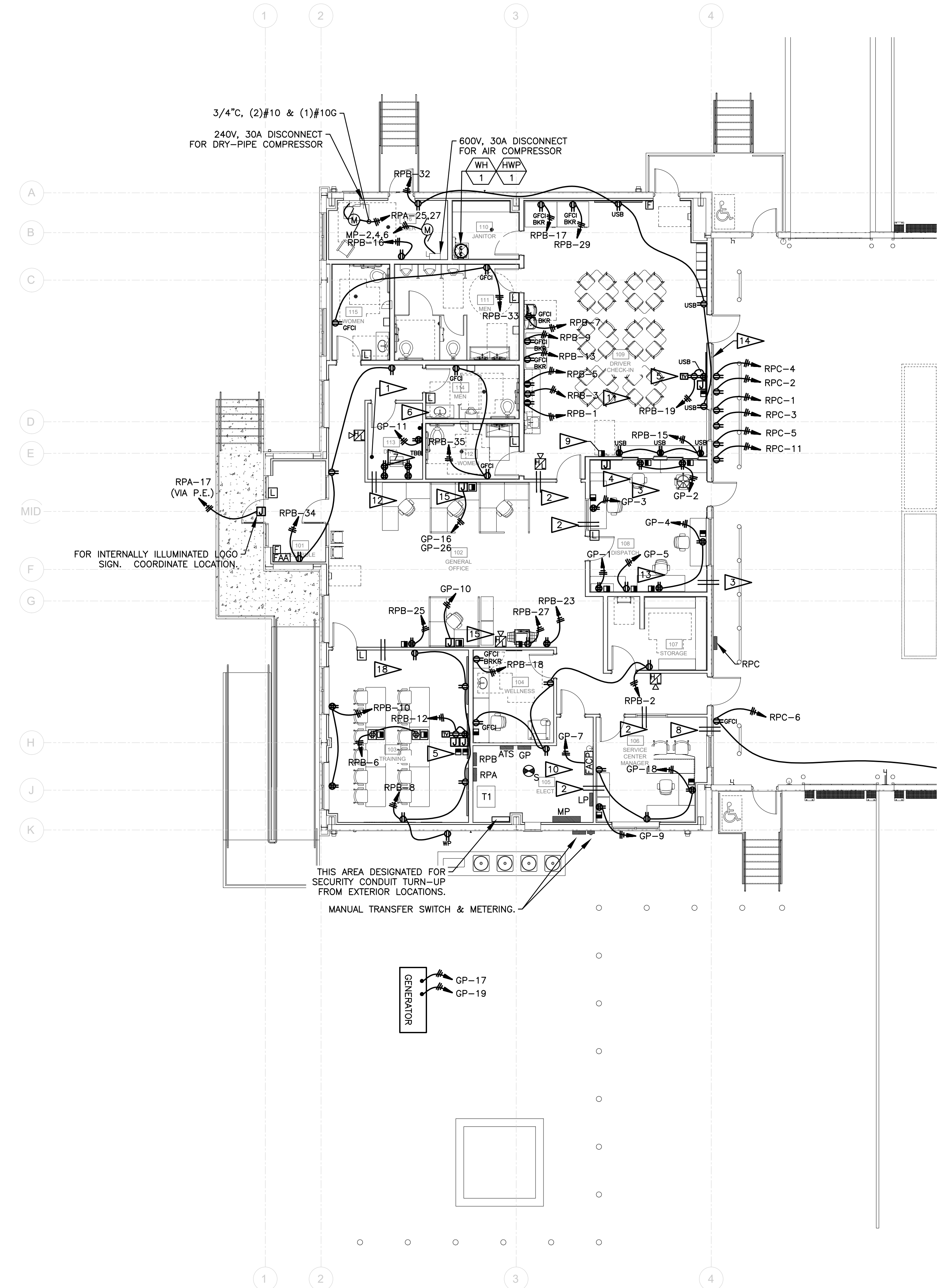


2. EQUIPMENT PLATFORM POWER PLAN
1/4" = 1'-0"



SPECIAL NOTES:

1. ALL DEVICES (RECEPTACLES, SWITCHES, ETC.) TO BE GRAY WHEN LOCATED IN GYP. BOARD, CERAMIC WALL, TILE & GRAY FRP. TILED WALLS TO HAVE STAINLESS STEEL COVER PLATES. DOCK TO HAVE GRAY DEVICES WITH GALVANIZED STEEL COVER PLATES. ALL OTHER LOCATIONS (MECH./ELECT.) SHALL BE WHITE.
2. ALL EXTERIOR LIGHT FIXTURES TO BE DARK BRONZE.
3. ELECTRICAL CONTRACTOR TO SUPPLY DARK BRONZE POWDERCOAT ON EXTERIOR ROOF TOP POLES.



1. OFFICE POWER PLAN
1/8" = 1'-0"



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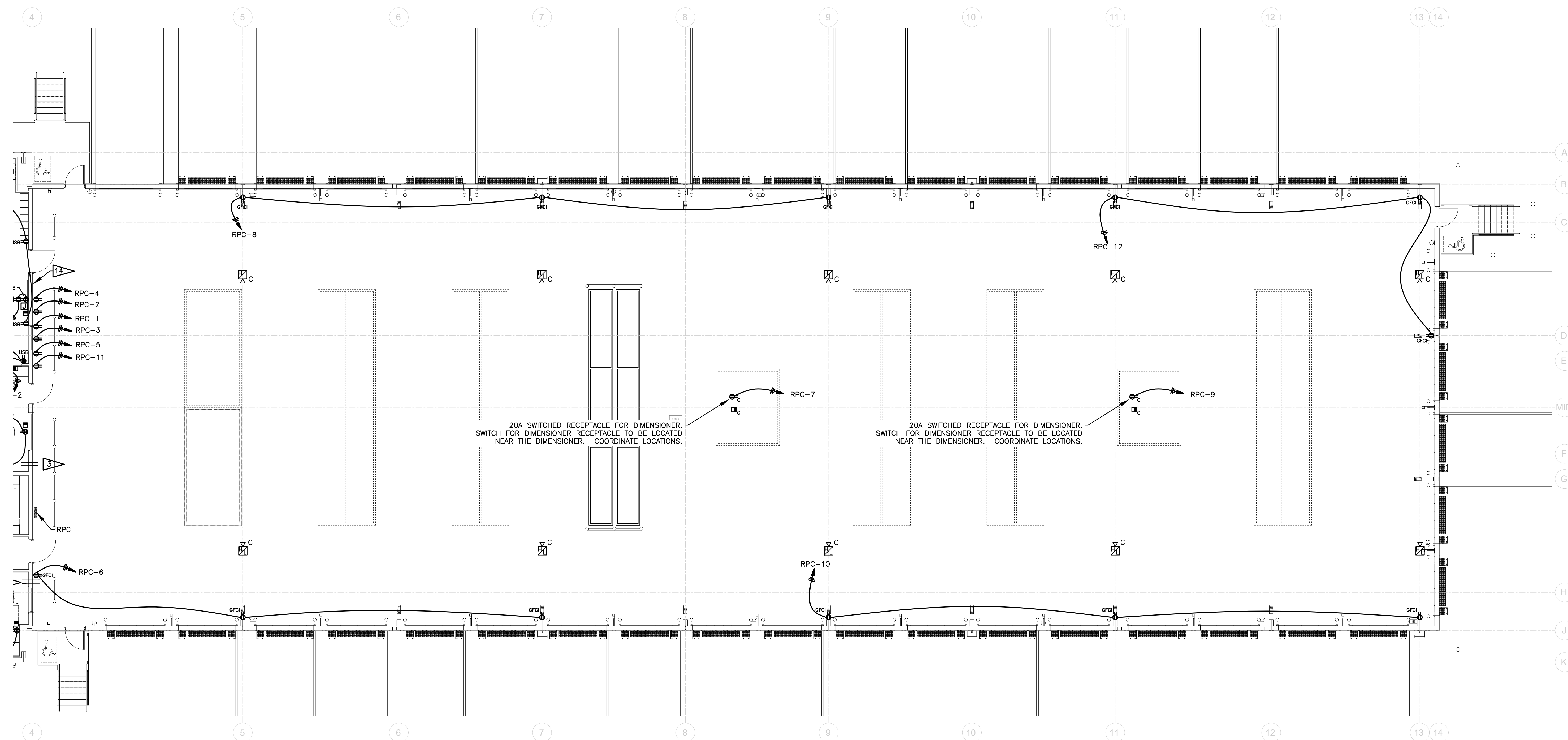
Project No. 25074.00

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Sheet Name:
OFFICE POWER PLAN

Sheet Number:

E1.1



1 DOCK POWER PLAN
1/8" = 1'-0"





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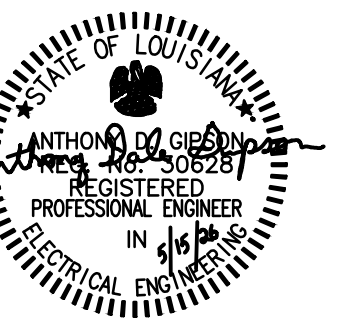
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BATON ROUGE, LA 70815

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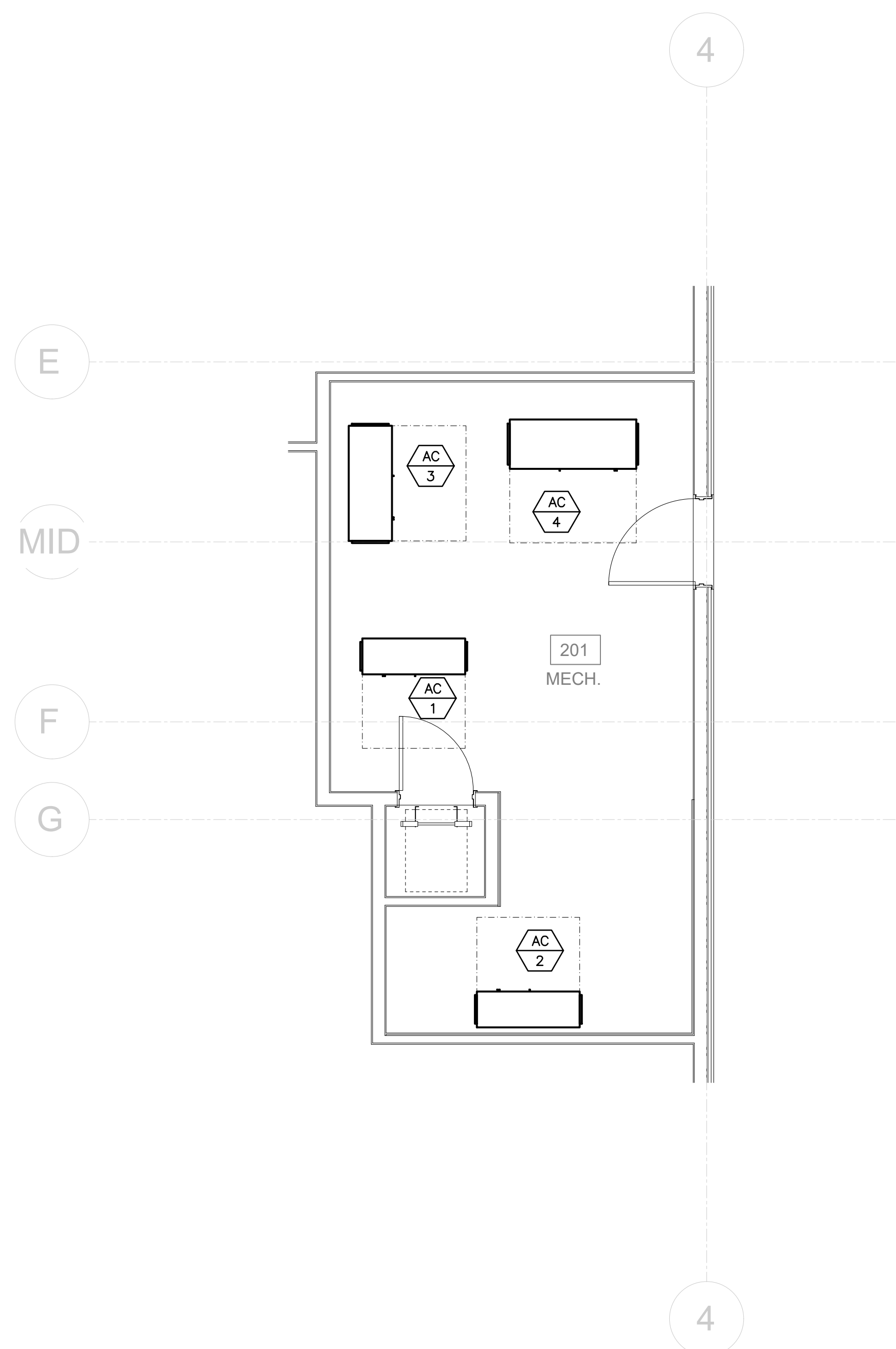
Project No. 25074.00

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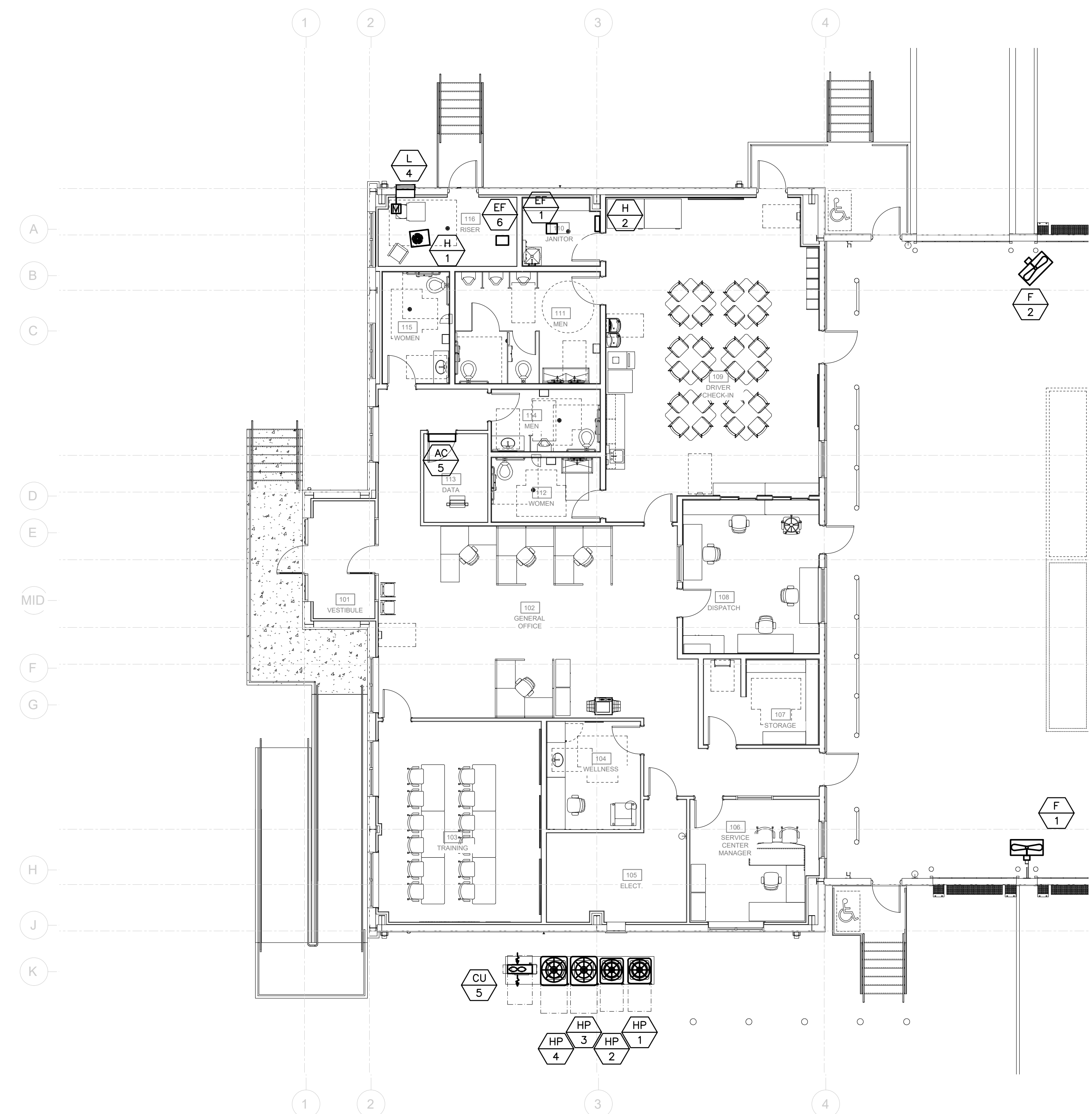
Sheet Name:
OFFICE HVAC POWER PLAN

Sheet Number:

E1.3



② EQUIPMENT PLATFORM HVAC POWER PLAN
1/4" = 1'-0"



① OFFICE HVAC POWER PLAN
1/8" = 1'-0"





Oliver • Little • Gipson
OLG
Engineering, Inc.
LOUISIANA COA - EF-00507775 - Expiration: 9/30/2026

301 Industrial Blvd.
Tulahoma, TN 37388
Office: 931.454.9940
2605 Elm Hill Pk/St C
Nashville, TN 37214
Office: 615.678.6022
olgengineering.com
OLG Project # 05826



MOLLENKOPF DESIGN GROUP, LLC
49 Music Square W-Suite 600
Nashville, Tennessee 37203
615.296.9146
www.theMDGllc.com



Contractor:
SCHWOB
BUILDING COMPANY
1350 LAKESHORE DRIVE
SUITE 160
COPPELL, TX 76006



A New Service Center for:
OLD DOMINION FREIGHT LINE
BATON ROUGE, LA
8601 TOM DRIVE
BATON ROUGE, LA 70815

PERMIT ISSUE 05.15.2026

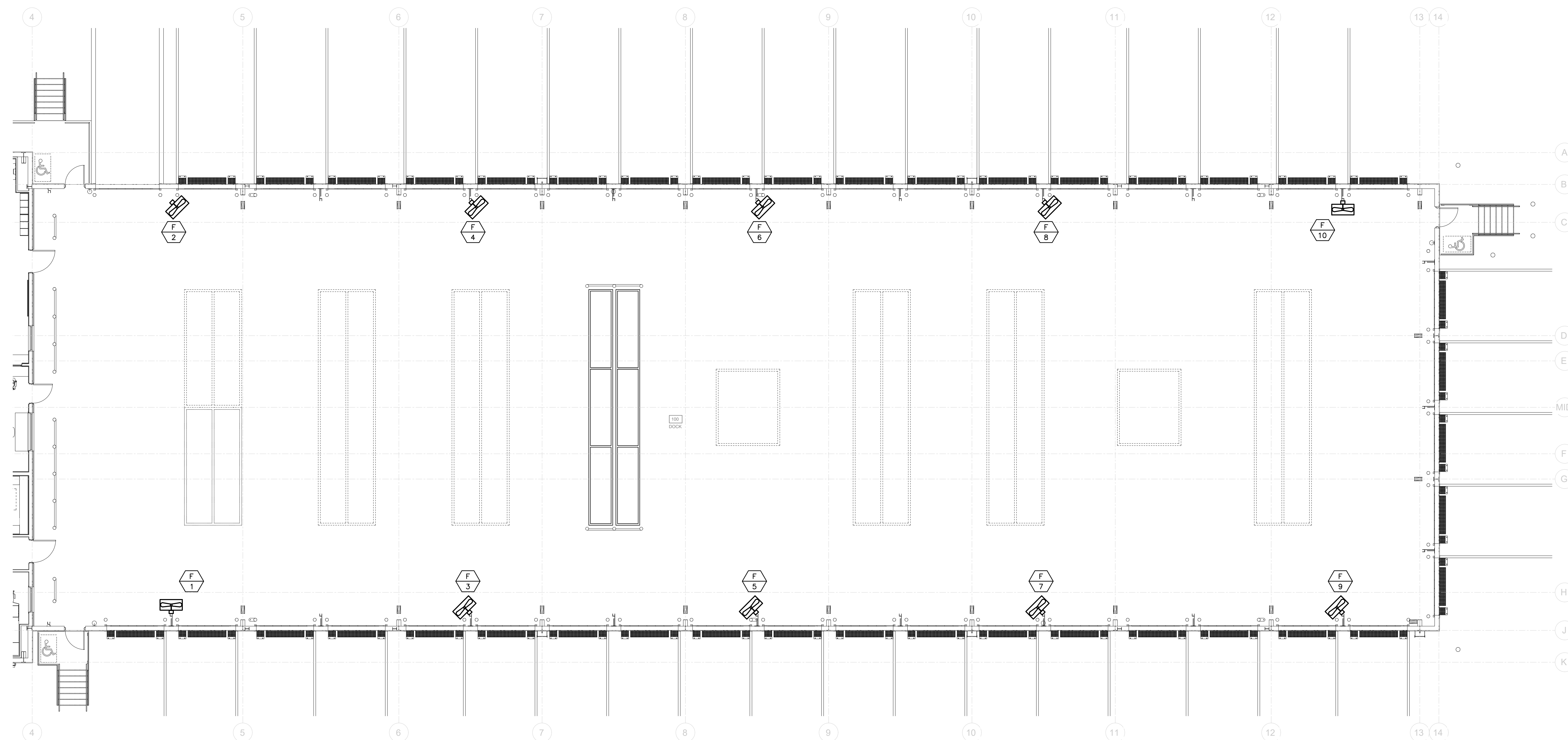
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Sheet Name:
DOCK HVAC POWER PLAN

Sheet Number:

E1.4



1 DOCK HVAC POWER PLAN
1/8" = 1'-0"



COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information
 Energy Code: 2021 IECC
 Project Title: 05826 ODFL Baton Rouge
 Project Type: New Construction

Construction Site: 8601 Tom Drive, Baton Rouge, Louisiana 70815
 Owner/Agent: Tennessee
 Designer/Contractor: Anthony Gipson, OLG Engineering, 301 Industrial Blvd, Tullahoma, Tennessee 37388, 9314549940, adgipson@olgingeering.com

Credits: 10.0 Required 0.0 Proposed

Allowed Interior Lighting Power

Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1-Office	19568	0.64	12534
Total Allowed Watts =			12524

Proposed Interior Lighting Power

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Watt. (C X D)	E
1-Office				
LED: L1(E): 2X4 TROFFER; Other:	1	47	30	1410
LED: L2: HIGH BAY; Other:	1	32	144	4608
LED: L3(E): 4' STRIP; Other:	1	30	32	320
Total Proposed Watts =			6338	

Interior Lighting PASSES: Design 49% better than code

Statement
 Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Anthony Gipson, PE
 Name - Title _____ Signature _____ Date _____

Project Title: 05826 ODFL Baton Rouge
 Data filename: _____ Report date: 05/19/26
 Page 1 of 3

COMcheck Software Version COMcheckWeb
Exterior Lighting Compliance Certificate

Project Information
 Energy Code: 2021 IECC
 Project Title: 05826 ODFL Baton Rouge
 Project Type: New Construction
 Exterior Lighting Zone: 2 (Light industrial area with limited nighttime use (L22))

Construction Site: 8601 Tom Drive, Baton Rouge, Louisiana 70815
 Owner/Agent: Tennessee
 Designer/Contractor: Anthony Gipson, OLG Engineering, 301 Industrial Blvd, Tullahoma, Tennessee 37388, 9314549940, adgipson@olgingeering.com

Allowed Exterior Lighting Power

Area/Surface Category	B Quantity	C Allowed Watts / Fixture	D Tradable Allowed Watts (B X C)	E
Pedestrian and vehicular entrances and exits (15 ft. of door width): Tradable Wattage	15 ft of	14	Yes	210
LED: L9E: Wallpack with Battery; Other:	5600 ft ²	0.07	No	420
Employee Lot (Parking area): Tradable Wattage	22104 ft ²	0.04	Yes	884
Truck Lot (Parking area): Tradable Wattage	162594 ft ²	0.04	Yes	6504
Driveway (29491 ft ²): Tradable Wattage	29491 ft ²	0.04	Yes	1180
Total Tradable Watts (a) =			8778	
Total Allowed Watts =			9198	
Total Allowed Supplemental Watts (b) =			400	

Proposed Exterior Lighting Power

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Watt. (C X D)	E
Pedestrian and vehicular entrances and exits (15 ft. of door width): Tradable Wattage				
LED: L9E: Wallpack with Battery; Other:	1	3	23	69
LED: L56: Wallpack with Battery; Other:	1	1	17	17
Illuminated area of facade wall or surface (5600 ft ²): Non-tradable Wattage				
LED: L9: Wallpack; Other:	1	9	23	207
Employee Lot (Parking area, 22104 ft ²): Tradable Wattage				
LED: P3: Double Head Pole Light; Other:	2	2	624	1248
Truck Lot (Parking area, 162594 ft ²): Tradable Wattage				
LED: R4: Roof Mounted Light; Other:	1	5	109	545
LED: P1: Twin Head Pole Light; Other:	2	3	1092	3276
LED: P2: Twin Head Pole Light; Other:	2	5	446	2230
Driveway (29491 ft ²): Tradable Wattage				

Project Title: 05826 ODFL Baton Rouge
 Data filename: _____ Report date: 05/19/26
 Page 2 of 3

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Watt. (C X D)	E
LED: P4: Pole Light; Other:	1	4	244	976
LED: P5: Pole Light; Other:	1	2	312	624
Total Tradable Proposed Watts =			8985	

Exterior Lighting PASSES: Design 2% better than code

Statement
 Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Anthony Gipson, PE
 Name - Title _____ Signature _____ Date _____

Project Title: 05826 ODFL Baton Rouge
 Data filename: _____ Report date: 05/19/26
 Page 3 of 3

LIGHTING PLAN NOTES (E2.1 & E2.2):

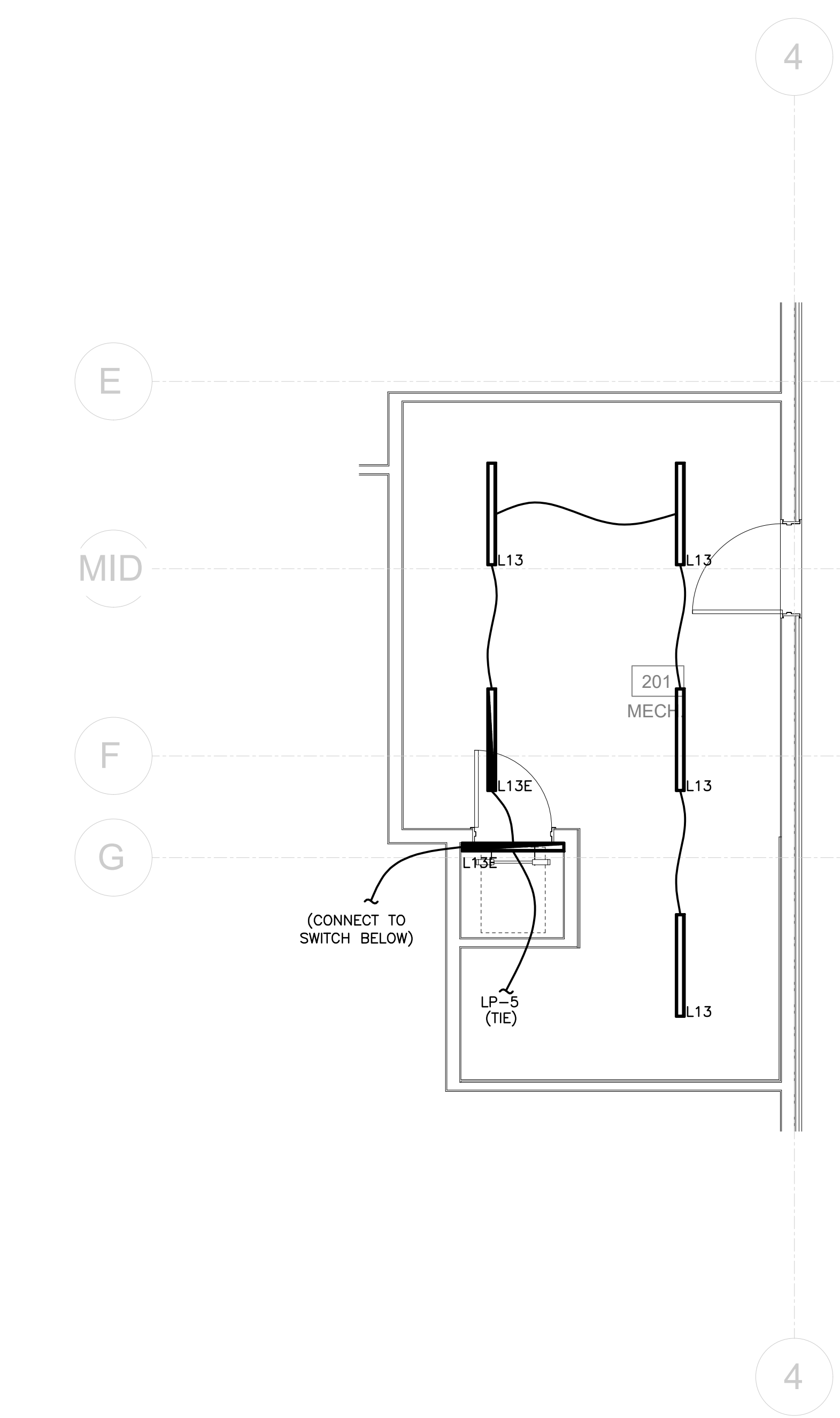
- ALL EXIT SIGNS AND EMERGENCY LIGHTING UNITS ARE WIRED AHEAD OF ANY SWITCHING AND CONTROLS.
- CIRCUITS SHOWN AS 'VIA TC' SHALL BE CONTROLLED BY AN ASTRONOMICAL TIMELOCK.
- SEE DETAIL ON SHEET E3.2 FOR MOUNTING DETAIL FOR TYPE 'R4' FLOODLIGHTS.
- BATHROOM EXHAUST FANS TO BE WIRED TO MOTION SENSOR AND LOCAL LIGHTING CIRCUIT.

SPECIAL NOTES:

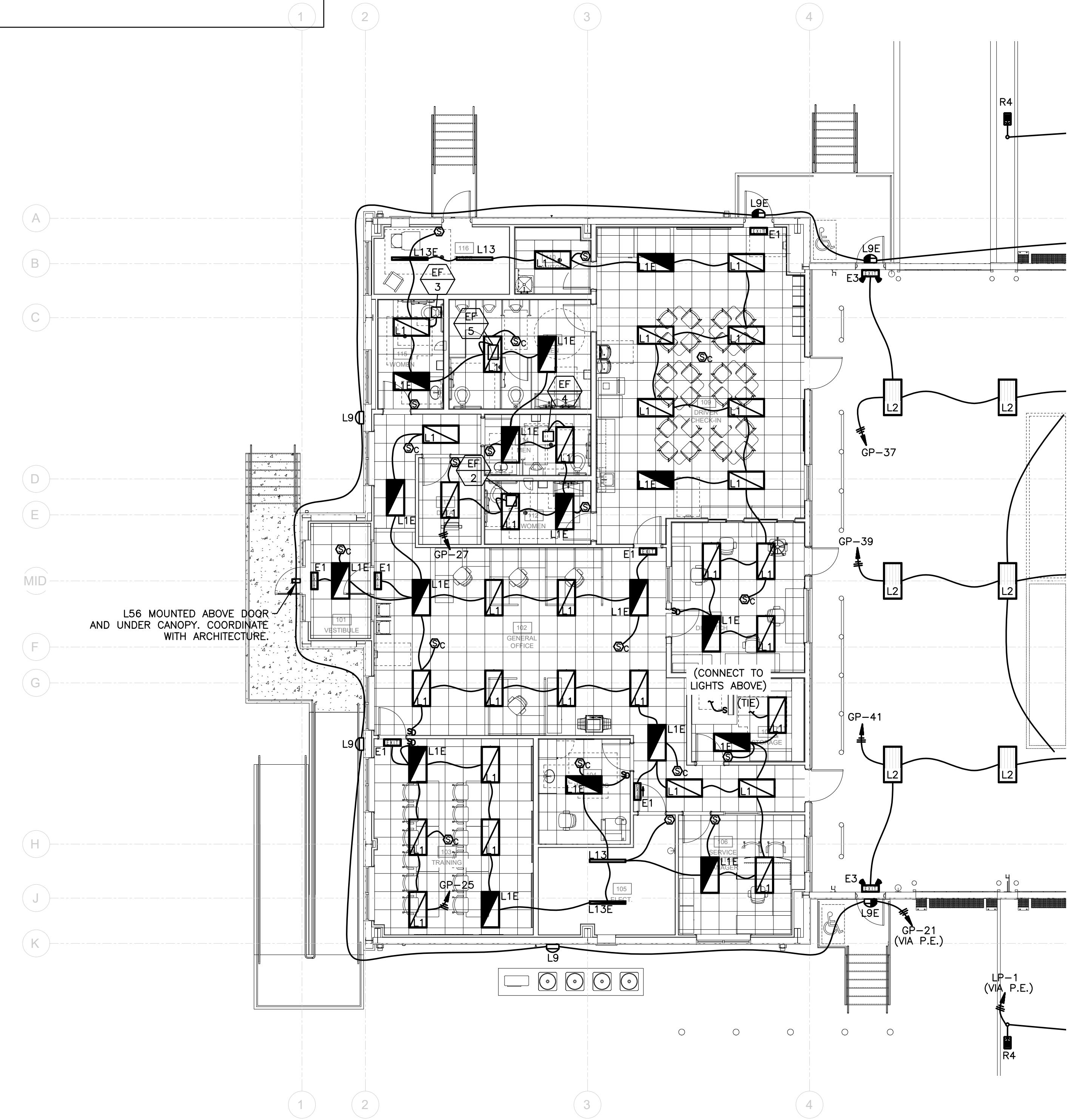
- ALL DEVICES (RECEPTACLES, SWITCHES, ETC.) TO BE GRAY WHEN LOCATED IN GYP. BOARD, CERAMIC WALL TILE & GRAY FRP. TILED WALLS TO HAVE STAINLESS STEEL COVER PLATES. DOCK TO HAVE GRAY DEVICES WITH GALVANIZED STEEL COVER PLATES. ALL OTHER LOCATIONS (MECH/ELECT.) SHALL BE WHITE.
- ALL EXTERIOR LIGHT FIXTURES TO BE DARK BRONZE.
- ELECTRICAL CONTRACTOR TO SUPPLY DARK BRONZE POWDERCOAT ON EXTERIOR ROOF TOP POLES.

NOTE:
 THE EXTERIOR ROOF MOUNTED & POLE MOUNTED SITE LIGHTING FIXTURES SHALL BE TILTED FLAT (HORIZONTAL) AND SHALL NOT BE TILTED OR ANGLED UP.

NOTE:
 TYPE 'L2' FIXTURES SHOULD BE CENTERED IN EACH BAY. FIXTURES SHOULD BE MOUNTED WITH RIGID STEMS, NOT AIRCRAFT CABLE



② **EQUIPMENT PLATFORM LIGHTING PLAN**
 1/4" = 1'-0"



① **OFFICE LIGHTING PLAN**
 1/8" = 1'-0"



SCHWOB
 BUILDING COMPANY
 1350 LAKESHORE DRIVE
 SUITE 160
 COPPELL, TX 76006



A New Service Center for:
OLD DOMINION FREIGHT LINE
BATON ROUGE, LA
 8601 TOM DRIVE
 BATON ROUGE, LA 70815

PERMIT ISSUE 05.15.2026

Project No. 25074.00

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Sheet Name:
 OFFICE LIGHTING PLAN

Sheet Number:

E2.1

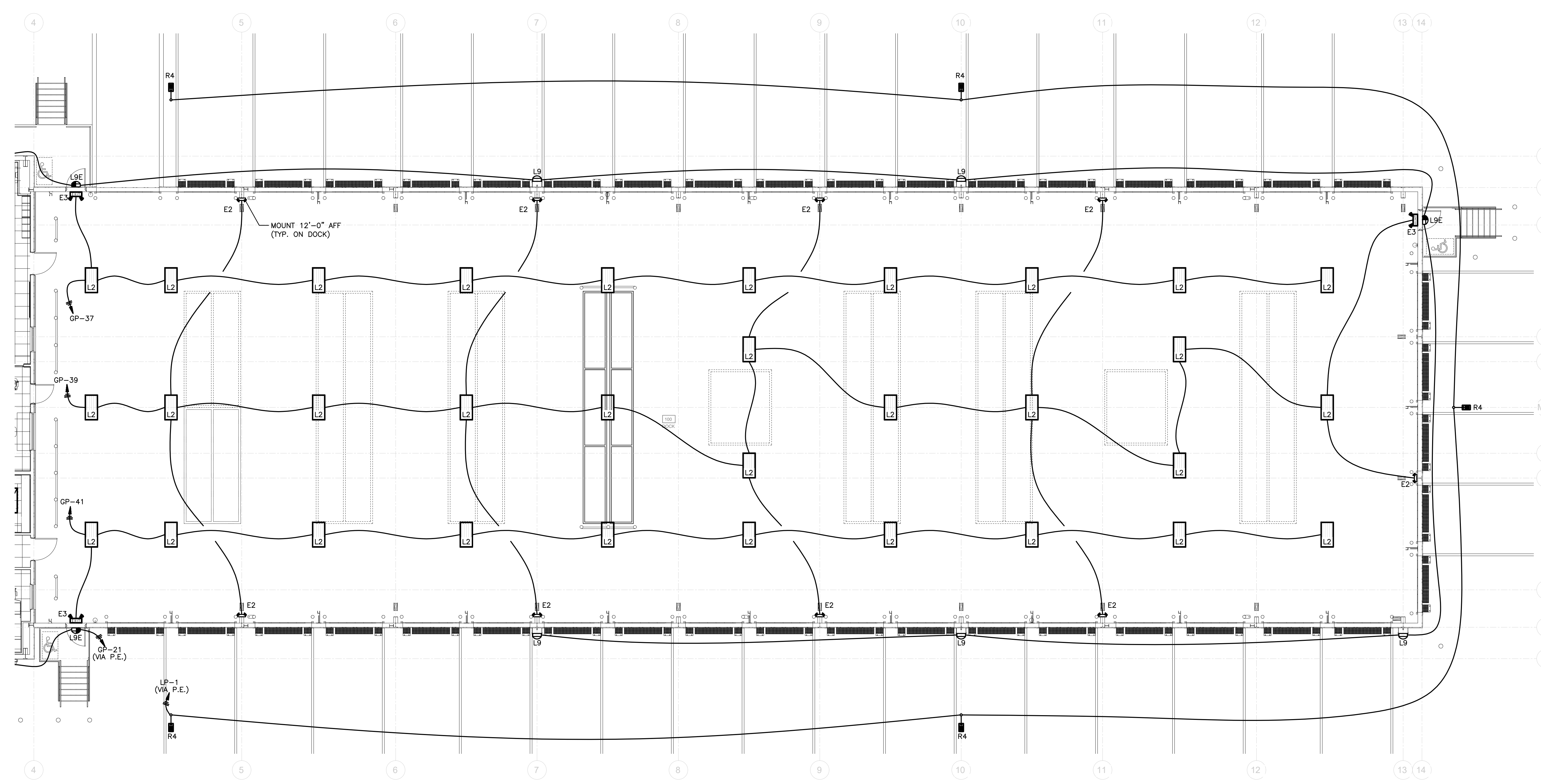
LIGHTING PLAN NOTES (E2.1 & E2.2):

1. ALL EXIT SIGNS AND EMERGENCY LIGHTING UNITS ARE WIRED AHEAD OF ANY SWITCHING AND CONTROLS.
2. CIRCUITS SHOWN AS 'VIA TC' SHALL BE CONTROLLED BY AN ASTRONOMICAL TIMECLOCK.
3. SEE DETAIL ON SHEET E3.2 FOR MOUNTING DETAIL FOR TYPE 'R4' FLOODLIGHTS.
4. BATHROOM EXHAUST FANS TO BE WIRED TO MOTION SENSOR AND LOCAL LIGHTING CIRCUIT.

NOTE:
THE EXTERIOR ROOF MOUNTED & POLE MOUNTED SITE LIGHTING FIXTURES SHALL BE TILTED FLAT (HORIZONTAL) AND SHALL NOT BE TILTED OR ANGLED UP.

SPECIAL NOTES:
1. ALL DEVICES (RECEPTACLES, SWITCHES, ETC.) TO BE GRAY WHEN LOCATED IN GYP. BOARD, CERAMIC WALL TILE & GRAY FRP. TILED WALLS TO HAVE STAINLESS STEEL COVER PLATES. DOCK TO HAVE GRAY DEVICES WITH GALVANIZED STEEL COVER PLATES. ALL OTHER LOCATIONS (MECH./ELECT.) SHALL BE WHITE.
2. ALL EXTERIOR LIGHT FIXTURES TO BE DARK BRONZE.
3. ELECTRICAL CONTRACTOR TO SUPPLY DARK BRONZE POWDERCOAT ON EXTERIOR ROOF TOP POLES.

NOTE: TYPE 'L2' FIXTURES SHOULD BE CENTERED IN EACH BAY. FIXTURES SHOULD BE MOUNTED WITH RIGID STEMS, NOT AIRCRAFT CABLE



1 DOCK LIGHTING PLAN
1/8" = 1'-0"



PANEL SCHEDULE										
PANEL NUMBER		MP								
LOCATION		ELECT 105								
DIRECTORY	CKT. NO.	AMPS/POLES	KW	'A' PHASE	'B' PHASE	'C' PHASE	KW	AMPS/POLES	CKT. NO.	DIRECTORY
HP-3 (HACR)	1	15/3	1.55	*			2.11		2	AIR COMPRESSOR
	3	15/3	1.55	*			2.11		20/3	AIR COMPRESSOR
	5		1.55	*			2.11		6	
HP-4 (HACR)	7	15/3	2.00	*			6.80		8	PANEL LP
	9	15/3	2.00	*			6.30	100/3	10	PANEL LP
	11		2.00	*			3.99		12	
SPARE	13	20/1	0.00	*			0.00		14	
SPARE	15	20/1	0.00	*			0.00		16	SPACE FOR 400A, 3-POLE
SPARE	17	20/1	0.00	*			0.00		18	
SPARE	19	20/1	0.00	*			0.00		20	
SPARE	21	20/1	0.00	*			0.00		22	SPACE FOR 200A, 3-POLE
SPARE	23	20/1	0.00	*			0.00		24	
SPARE	25	20/1	0.00	*			0.00		26	SPACE FOR 200A, 3-POLE
SPARE	27	20/1	0.00	*			0.00		28	
SPARE	29	20/1	0.00	*			0.00		30	SPACE FOR 200A, 3-POLE
SPARE	31	20/1	0.00	*			0.00		32	
SPARE	33	20/1	0.00	*			0.00		34	SPACE FOR 200A, 3-POLE
SPARE	35	20/1	0.00	*			0.00		36	
SPARE	37	20/1	0.00	*			32.01		38	
SPARE	39	20/1	0.00	*			35.74	175/3	40	TRANSFORMER 'T1' FEEDING PANEL 'RPA'
SPARE	41	20/1	0.00	*			32.08		42	
MAIN BREAKER		M.L.O	NOTES:		KW PHASE "A"		44.47			
MAIN BUS		800A			KW PHASE "B"		47.70			
VOLTAGE		480Y277V			KW PHASE "C"		41.73			
A.I.C.		42,000			TOTAL KW		133.90			
FRAME										
TRIP										
MOUNTING		SURFACE								
LOAD SUMMARY		Connected KW	Demand	Demand KW						
INTERIOR LIGHTING		6.34	1.25	7.59						
EXTERIOR LIGHTING		11.56	1.00	14.54						
HVAC		57.46	1.00	57.46						
RECEPTACLES		30.75	PER NEC 220.44	20.38						
WATER HEATER		4.50	1.00	4.50						
MISCELLANEOUS		22.90	1.00	22.90						
		133.90		128.10						

PANEL SCHEDULE										
PANEL NUMBER		LP								
LOCATION		ELECT 105								
DIRECTORY	CKT. NO.	AMPS/POLES	KW	'A' PHASE	'B' PHASE	'C' PHASE	KW	AMPS/POLES	CKT. NO.	DIRECTORY
L - ROOFTOP	1	20/1	0.56	*			3.10	20/1	2	F-1, F-2, F-3, F-4
L - SITE	3	20/1	2.18	*			2.34	20/1	4	F-5, F-6, F-7
L - SITE	5	20/1	1.09	*			2.34	20/1	6	F-8, F-9, F-10
L - SITE	7	20/1	1.09	*			0.00	20/1	8	SPARE
L - SITE	9	20/1	1.78	*			0.00	20/1	10	SPARE
L - SITE	11	20/1	0.56	*			0.00	20/1	12	SPARE
L - SITE	13	20/1	2.05	*			0.00	20/1	14	SPARE
SPARE	15	20/1	0.00	*			0.00	20/1	16	SPARE
SPARE	17	20/1	0.00	*			0.00	20/1	18	SPARE
SPARE	19	20/1	0.00	*			0.00	20/1	20	SPARE
SPARE	21	20/1	0.00	*			0.00	20/1	22	SPARE
SPARE	23	20/1	0.00	*			0.00	20/1	24	SPARE
SPARE	25	20/1	0.00	*			0.00	20/1	26	SPARE
SPARE	27	20/1	0.00	*			0.00	20/1	28	SPARE
SPARE	29	20/1	0.00	*			0.00	20/1	30	SPARE
SPARE	31	20/1	0.00	*			0.00	20/1	32	SPARE
SPARE	33	20/1	0.00	*			0.00	20/1	34	SPARE
SPARE	35	20/1	0.00	*			0.00	20/1	36	SPARE
SPARE	37	20/1	0.00	*			0.00	20/1	38	SPARE
SPARE	39	20/1	0.00	*			0.00	20/1	40	SPARE
SPARE	41	20/1	0.00	*			0.00	20/1	42	SPARE
MAIN BREAKER		M.L.O	NOTES:		KW PHASE "A"		6.80			
MAIN BUS		100A			KW PHASE "B"		6.30			
VOLTAGE		480Y277V			KW PHASE "C"		3.99			
A.I.C.		42,000			TOTAL KW		17.09			
FRAME										
TRIP										
MOUNTING		SURFACE								
LOAD SUMMARY		Connected KW	Demand	Demand KW						
INTERIOR LIGHTING		0.00	1.25	0.00						
EXTERIOR LIGHTING		9.31	1.00	9.31						
HVAC		7.78	1.00	7.78						
RECEPTACLES		0.00	1.00	0.00						
WATER HEATER		0.00	1.00	0.00						
MISCELLANEOUS		0.00	1.00	0.00						
		17.09		17.09						

PANEL SCHEDULE										
PANEL NUMBER		RPA								
LOCATION		ELECT 105								
DIRECTORY	CKT. NO.	AMPS/POLES	KW	'A' PHASE	'B' PHASE	'C' PHASE	KW	AMPS/POLES	CKT. NO.	DIRECTORY
AC-1 (HACR)	1	25/2	1.75	*			2.25	20/2	2	WH-1
	3		1.75	*			2.25		4	
AC-2 (HACR)	5	25/2	2.08	*			0.25	20/1	6	EF-8L-4
	7		2.08	*			0.00	20/1	8	SPARE
AC-3 (HACR)	9	50/2	3.99	*			0.00	20/1	10	SPARE
	11		3.99	*			0.00	20/1	12	SPARE
AC-4 (HACR)	13	50/2	4.16	*			0.00	20/1	14	EF-1
	15		4.16	*			1.00	20/2	16	HP-1 (HACR)
L - INTERNALLY LIT BUILDING SIGN	17	20/1	1.20	*			1.00		18	
SPARE	19	20/1	0.00	*			1.08	20/2	20	HP-2 (HACR)
SPARE	21	20/1	0.00	*			1.08		22	
L - INTERNALLY LIT SITE SIGN	23	20/1	1.20	*			2.50	30/2	24	H-1
SPARE	25	30/2	1.00	*			2.50	20/2	26	
DRY-PIPE COMPRESSOR	27	20/1	1.00	*			1.50	20/2	28	H-2
SPARE	29	20/1	0.00	*			1.50		30	
SPARE	31	20/1	0.00	*			10.36		32	
SPARE	33	20/1	0.00	*			11.01	150/3	34	PANEL GP
SPARE	35	20/1	0.00	*			10.13		36	
SPARE	37	20/1	0.00	*			1.92		38	
PANEL RPB	39	100/3	5.90	*			2.10	100/3	40	PANEL RPC
	41		5.95	*			2.28		42	
MAIN BREAKER		400A	NOTES:		KW PHASE "A"		32.01			
MAIN BUS		400A			KW PHASE "B"		35.74			
VOLTAGE		208Y120V			KW PHASE "C"		32.08			
A.I.C.		22,000			TOTAL KW		99.83			
FRAME										
TRIP										
MOUNTING		SURFACE								
LOAD SUMMARY		Connected KW	Demand	Demand KW						
INTERIOR LIGHTING		6.34	1.25	7.59						
EXTERIOR LIGHTING		2.64	1.00	3.30						
HVAC		39.03	1.00	39.03						
RECEPTACLES		30.75	PER NEC 220.44	20.38						
WATER HEATER		4.50	1.00	4.50						
MISCELLANEOUS		16.87	1.00	16.87						
		99.83		91.70						

PANEL SCHEDULE										
PANEL NUMBER		RPB								
LOCATION		ELECT 105								
DIRECTORY	CKT. NO.	AMPS/POLES	KW	'A' PHASE	'B' PHASE	'C' PHASE	KW	AMPS/POLES	CKT. NO.	DIRECTORY
R - BREAK ROOM COUNTER	1	20/1	0.18	*			0.54	20/1	2	R - GENERAL PURPOSE
R - BREAK ROOM MICROWAVE	3	20/1	1.20	*			0.38	20/1	4	R - MECH
R - BREAK ROOM COFFEE MKER	5	20/1	1.20	*			0.38	20/1	6	R - TRAINING FLOOR RECEPTACLES
R - DRINKING FOUNTAIN (GFCI)	7	20/1	0.50	*			0.54	20/1	8	R - CONFERENCE/TRAINING
R - ICE MACHINE (GFCI)	9	20/1	1.50	*			0.72	20/1	10	R - CONFERENCE/TRAINING
SPARE	11	20/1	0.00	*			0.72	20/1	12	R - CONFERENCE/TRAINING, TV
R - REFRIGERATOR (GFCI)	13	20/1	1.50	*			0.00	20/1	14	SPARE
R - BREAKROOM COUNTER	15	20/1	0.54	*			0.18	20/1	16	R - AIR COMPRESSOR DRYER
R - VENDING (GFCI)	17	20/1	1.00	*			0.75	20/1	18	R - WELLNESS REFRIGERATOR (GFCI BREAKER)
R - BREAKROOM TV	19	20/1	0.54	*			0.00	20/1	20	SPARE
SPARE	21	20/1	0.00	*			0.00	20/1	22	SPARE
R - QUAD NEXT TO OPEN OFFICE PRINTER	23	20/1	0.36	*			0.20	20/1	24	HWP-1
R - GENERAL OFFICE COMPUTER	25	20/1	0.36	*			0.00	20/1	26	SPARE
R - GENERAL OFFICE COPIER	27	20/1	0.50	*			0.00	20/1	28	SPARE
R - VENDING (GFCI)	29	20/1	1.00	*			0.00	20/1	30	SPARE
SPARE	31	20/1	0.00	*			0.72	20/1	32	R - GENERAL PURPOSE
R - RESTROOM	33	20/1	0.36	*			0.54	20/1	34	R - ENTRY AREA
R - RESTROOM	35	20/1	0.36	*			0.00	20/1	36	SPARE
SPARE	37	20/1	0.00	*			0.00	20/1	38	SPARE
SPARE	39	20/1	0.00	*			0.00	20/1	40	SPARE
SPARE	41	20/1								

FIXTURE SCHEDULE

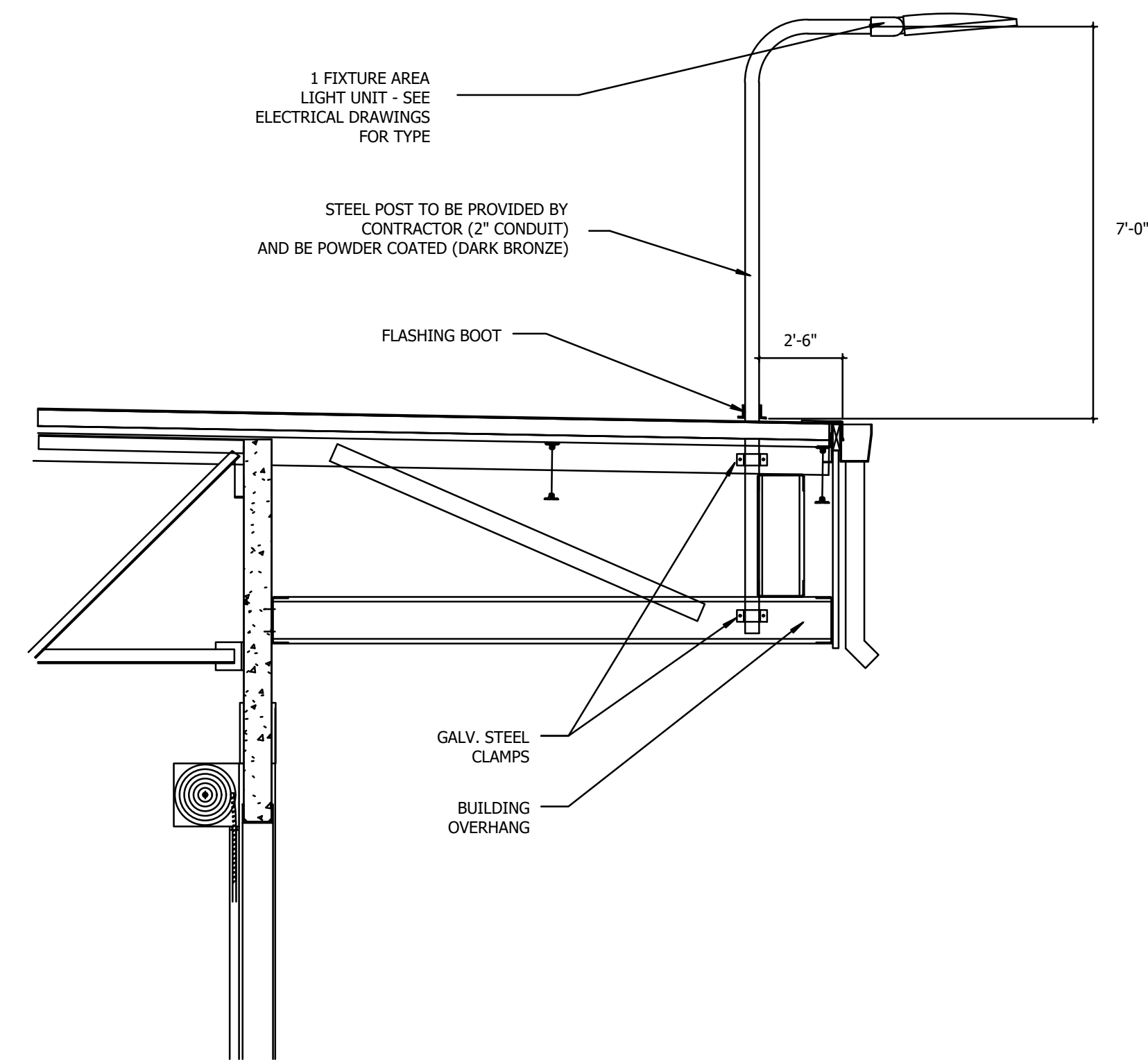
TYPE	MANUFACTURER	CATALOG #	LAMPS	VOLTAGE	MOUNTING	TYPE/REMARKS
E1	LITHONIA	EDG-1-GMR-EL	LED	120	UNIVERSAL	EXIT SIGN WITH EMERGENCY BATTERY
E2	LITHONIA	ELM6L-UVOLT-LTP-SDRT	(2) 1W LED HEADS	120	WALL MOUNT	EMERGENCY LIGHTING UNIT
E3	LITHONIA	LHQM-LED-G-HO-SD	LED	120	SURFACE	COMBINATION EXIT SIGN/EMERG. EGRESS
L1	LITHONIA	STAKP-2X4-4000LM-80CRI-40K-COLT-MIN10-ZT-MVOLT	30W LED	120	LAY-IN	2' X 4' LAY-IN DIMMABLE
L1E	LITHONIA	STAKP-2X4-4000LM-80CRI-40K-COLT-MIN10-ZT-MVOLT-E7W	30W LED	120	LAY-IN	SAME AS "L1" WITH EMERGENCY BATTERY PACK
L2	LITHONIA	IBG-2400LM-SEF-ATL-WD-MVOLT-GZ10-50K-80CRI-LSXR6-P-DWH	144W LED	120	SUSPENDED/SURFACE	HIGH BAY LED WITH FACTORY INSTALLED OCC. SENSORS, DIMMABLE
L9	LITHONIA	WDGE2-LED-P3-50K-80CRI-VF-MVOLT-SRM-DNATXD	23W LED	120	WALL MOUNT	LED WALLPACK
L9E	LITHONIA	WDGE2-LED-P3-50K-80CRI-VF-MVOLT-SRM-E10WH-DNATXD	23W LED	120	WALL MOUNT	SAME AS TYPE 'L9' WITH EMERGENCY BATTERY
L13	LITHONIA	CLX-L48-5000LM-SEF-RDL-MVOLT-GZ10-40K-80CRI-SPD-WH	32W LED	120	SURFACE/SUSPENDED	4' STRIP LIGHT
L13E	LITHONIA	CLX-L48-5000LM-SEF-RDL-MVOLT-GZ10-40K-80CRI-E10WLCP-SPD-WH	32W LED	120	SURFACE/SUSPENDED	SAME AS TYPE 'L13' WITH EMERGENCY BATTERY
L56	LITHONIA	ARC1-LED-P2-50K-MVOLT-E4WH-DNATXD	17W LED	120	SURFACE	LED WALL PACK ABOVE DOOR WITH EMERGENCY BATTERY WITH TEXTURED ALUMINUM FINISH
R4	LITHONIA	RSY1-LED-P3-50K-R4-MVOLT-IS-SPD20KV-DBDX	109W LED	277	ROOF MOUNTED POLE	SINGLE HEAD MOUNTED 25' AFG.

NOTE:
PLEASE NOTE ODFL HAS A NATIONAL ACCOUNT CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC. (CED) ALL LIGHTING FIXTURES, LIGHTING CONTROL PANELS, AND SWITCHES, DIMMER SWITCHES, OCCUPANCY SENSORS, SECURITY PEDESTALS AND POWER PACKS SHALL BE PURCHASED THROUGH ODFL'S NATIONAL ACCOUNT WITH CED.

CONTACT JEFF TAYLOR AT CED FOR LIGHTING PACKAGE QUOTES.

CED - CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.
EMAIL - ODFLPROJECTS@CEDSLC.COM
JEFF TAYLOR - (612) 598-8044 CELL

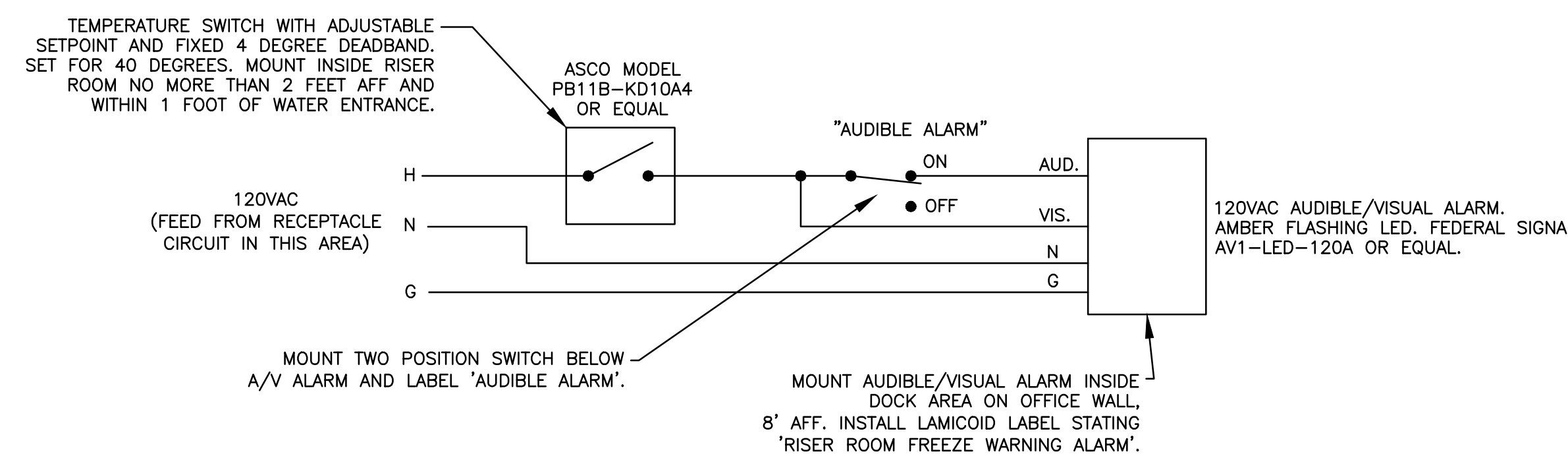
ALL FIXTURES TO BE CONFIRMED BY OWNER PRIOR TO PURCHASE.



TYPE 'R4' FLOOD LIGHT DETAIL

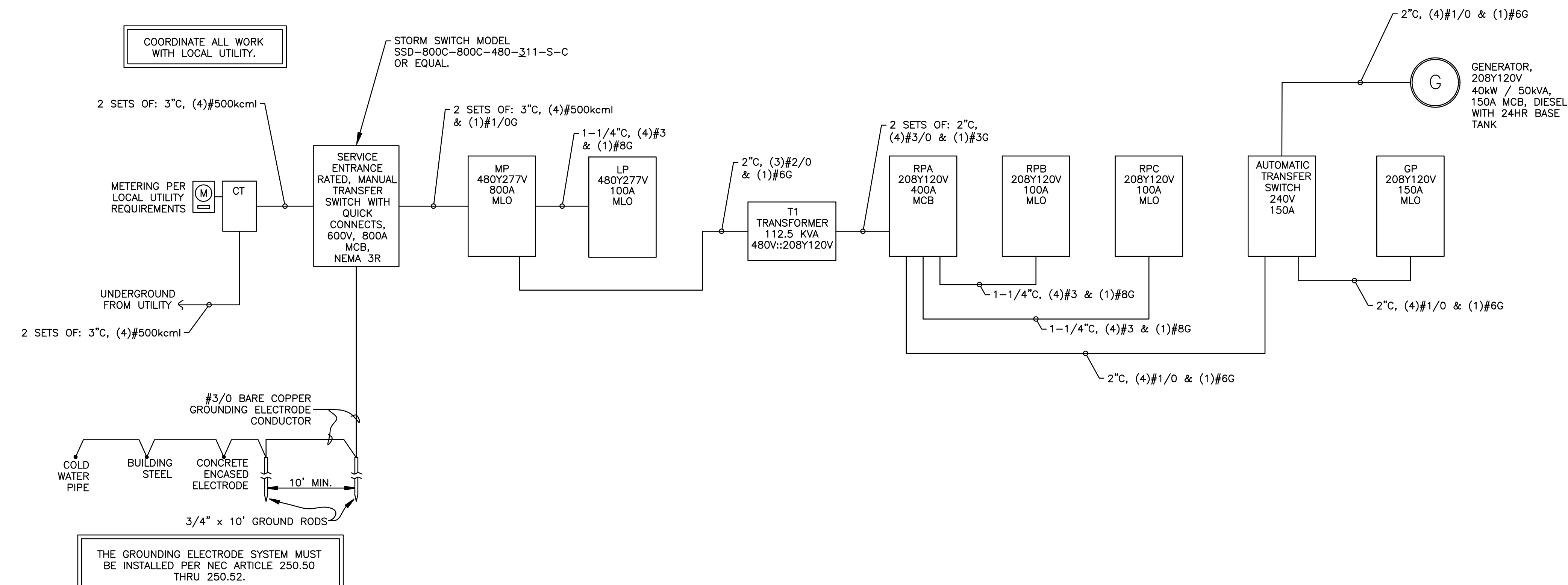
NOT TO SCALE

NOT TO SCALE



RISER ROOM TEMPERATURE ALARM

NOT TO SCALE



HVAC#	DISCONNECT SIZE	CONDUIT/WIRE SIZE	FEEDER PANEL	FEEDER BREAKER(S)
AC-1	240V, 30A, NON-FUSIBLE	3/4" (2)#10 & (1)#10 GND.	RPA	1,3
AC-2	240V, 30A, NON-FUSIBLE	3/4" (2)#10 & (1)#10 GND.	RPA	5,7
AC-3	240V, 60A, NON-FUSIBLE	3/4" (2)#8 & (1)#10 GND.	RPA	9,11
AC-4	240V, 60A, NON-FUSIBLE	3/4" (2)#8 & (1)#10 GND.	RPA	13,15
AC-5	240V, 30A NON-FUSIBLE	1/2" (5)#12 & (1)#12 GND.		CU-5
CU-5	240V, 30A NON-FUSIBLE, NEMA 3R	3/4" (2)#12 & (1)#12 GND.	GP	13,15
EF-1	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	RPA	14
EF-2	RATED SWITCH (SWITCH WITH LIGHTS)	1/2" (2)#12 & (1)#12 GND.	CONNECT	TO LIGHTS
EF-3	RATED SWITCH (SWITCH WITH LIGHTS)	1/2" (2)#12 & (1)#12 GND.	CONNECT	TO LIGHTS
EF-4	RATED SWITCH (SWITCH WITH LIGHTS)	1/2" (2)#12 & (1)#12 GND.	CONNECT	TO LIGHTS
EF-5	RATED SWITCH (SWITCH WITH LIGHTS)	1/2" (2)#12 & (1)#12 GND.	CONNECT	TO LIGHTS
* EF-6	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	RPA	6
F-1	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	2
F-2	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	2
F-3	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	2
F-4	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	2
F-5	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	4
F-6	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	4
F-7	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	4
F-8	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	6
F-9	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	6
F-10	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	LP	6
H-1	240V, 30A NON-FUSIBLE	3/4" (2)#10 & (1)#10 GND.	RPA	24,26
H-2	CIRCUIT BREAKER	1/2" (2)#12 & (1)#12 GND.	RPA	28,30
HP-1	240V, 30A NON-FUSIBLE, NEMA 3R	3/4" (2)#12 & (1)#12 GND.	RPA	16,18
HP-2	240V, 30A NON-FUSIBLE, NEMA 3R	3/4" (2)#12 & (1)#12 GND.	RPA	20,22
HP-3	600V, 30A NON-FUSIBLE, NEMA 3R	3/4" (3)#12 & (1)#12 GND.	MP	1,3,5
HP-4	600V, 30A NON-FUSIBLE, NEMA 3R	3/4" (3)#12 & (1)#12 GND.	MP	7,9,11
* HWP-1	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	RPB	24
L-4	RATED SWITCH	1/2" (2)#12 & (1)#12 GND.	RPA	6
WH-1	240V, 30A NON-FUSIBLE	3/4" (2)#10 & (1)#10 GND.	RPA	2,4

* NOTE: EXHAUST FAN EF-6 SHALL BE INTERLOCKED WITH LOUVER L-4.

LEGEND:

RECEPTACLES: (15")

- OUTLET - UNIPLEX, GENERAL PURPOSE, 120 V, 20 A
- OUTLET - DUPLEX, GENERAL PURPOSE, 120 V, 20 A
- OUTLET - DUPLEX, TAMPER PROOF
- OUTLET - DUPLEX, COUNTER HEIGHT, 120 V, 20 A (8" A.C.T.)
- OUTLET - DUPLEX, COUNTER HEIGHT, GFCI, 120 V, 20 A (8" A.C.T.)
- OUTLET - DUPLEX, CEILING MOUNTED, 120 V, 20 A
- OUTLET - DUPLEX, WEATHER PROOF, GROUND FAULT CURRENT INTERRUPTER, 120 V, 20 A
- OUTLET - DUPLEX, GROUND FAULT CURRENT INTERRUPTER, 120 V, 20 A
- OUTLET - DUPLEX, 120 V, 20 A, PLUGMOLD
- OUTLET - DUPLEX, SWITCHED, 120 V, 20 A
- OUTLET - DUPLEX, 120 V, 20 A, ISOLATED GROUND
- OUTLET - DUPLEX, GENERAL PURPOSE, 120V, 20A ON ARC FAULT CURRENT INTERRUPTING CIRCUIT BREAKER
- OUTLET - DUPLEX, 120 V, 20 A, WITH USB A AND USB C PORTS
- OUTLET - QUADRUPLX, GENERAL PURPOSE, 120 V, 20 A
- OUTLET - DUPLEX, FLOOR, GENERAL PURPOSE, 120 V, 20 A
- OUTLET - QUADRUPLX, FLOOR, GENERAL PURPOSE, 120 V, 20 A
- OUTLET - OVEN, 240 V, 60 A
- OUTLET - DRYER, 240 V, 30 A
- HARD-WIRE CONNECTION POINT
- WIREMOLD SERIES 4000 RACEWAY WITH DEVICES AS INDICATED
- OUTLET - TRIPLEX, RETRACTABLE DROP CABLE, GENERAL PURPOSE, 120 V, 20 A

OTHER:

- PANELBOARD - SURFACE MOUNT
- PANELBOARD - FLUSH MOUNT
- PHOTOELECTRIC CELL
- DIMS CONTROL SYSTEM WITH HAND-HELD REMOTE, 120V, MULTIPLE ZONE
- MANUAL STARTER, SIZED FOR EQUIPMENT SERVED
- DRY TYPE TRANSFORMER
- DISCONNECT, SIZE AS INDICATED (60")
- OVERHEAD DOOR CONTROL
- OVERHEAD DOOR MOTOR
- LIGHTING CONTACTOR
- JUNCTION BOX
- ELECTRIC WALL OR BASEBOARD HEATER
- EXHAUST FAN
- THERMOSTAT (60")
- EXISTING TO REMAIN
- INTERCEPT EXISTING CIRCUIT
- TELEVISION OUTLET AND RECEPTACLE FIELD COORDINATE HEIGHT WITH OWNER
- DURESS SWITCH
- UTILITY METER
- EXIT SIGN (ARROW INDICATES ILLUMINATED FACE) (96")
- TWIN HEAD EMERGENCY BATTERY UNIT
- SWL SWITCH WITH LIGHTS (FOR EXHAUST FANS)

SOUND/INTERCOM/PHONE SYSTEM:

- SOUND SPHERE
- AMPLIFIER
- MICROPHONE OUTLET, FLOOR MOUNTED, FLUSH
- GYMNASIUM SOUND SYSTEM WIRING TO AMPLIFIER
- SPEAKER
- VOLUME CONTROLS
- SOUND SYSTEM CONTROLLER
- PUBLIC ADDRESS SYSTEM
- TELEPHONE OUTLET
- GANG OF THREE DATA OUTLETS
- WALL PHONE, 60" A.F.F
- PHONE & DATA COMBINATION OUTLET
- CLASSROOM SPEAKER
- GENERAL PAGE SPEAKER
- SPEAKER/PAGING
- TELEPHONE/INTERCOM CABINET
- TELEPHONE/INTERCOM WIRING TO CABINETS

SWITCHES: (44" - UNLESS OTHERWISE NOTED)

- SWITCH - SNAP, 120 V, 20 A, SINGLE POLE
- SWITCH - SNAP, 120 V, 20 A, 3-WAY OPERATION
- SWITCH - SNAP, 120 V, 20 A, 4-WAY OPERATION
- SWITCH - KEY, 277 V, 20 A, SINGLE POLE, HUBBELL 1221L
- DIMMER CONTROL SWITCH, 120V, 20A
- SWITCH - WITH TIMER, 0-60 MIN. WITH HOLD TORK #A560MH
- WALL MOUNTED P.I.R. OCCUPANCY SENSOR
- CEILING MOUNTED, DUAL SENSING OCCUPANCY SENSOR

SECURITY SYSTEM:

- CEILING MOUNTED MOTION DETECTOR
- WALL MOUNTED MOTION DETECTOR
- MAGNETIC DOOR SWITCH
- CARD READER
- SECURITY TERMINAL CONTROLLER
- SECURITY MAIN PROCESSOR
- SECURITY SYSTEM AND CONDUIT WIRING
- ELECTRIC DOOR STRIKE

CLOCK/BELL SYSTEM:

- BELL (96")
- TIME CLOCK / CLOCK (96")
- CLOCK BELL CONTROLLER

NOTE:
ALL OF THE SYMBOLS AND ABBREVIATIONS INCLUDED ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

FIRE ALARM SYSTEM:

- PULL STATION (48")
- HORN/STROBE (80")
- HORN/STROBE - CEILING MOUNT
- HORN/STROBE (80" - 'T' TAMPER PROOF)
- STROBE ONLY (80")
- CEILING MOUNTED SMOKE DETECTOR
- CEILING MOUNTED SMOKE DETECTOR ('T' TAMPER PROOF)
- HEAT DETECTOR
- DUCT SMOKE DETECTOR
- DOOR HOLDER (78")
- SPEAKER/LIGHT WITH GUARD (90")
- FIRE ALARM CONTROL PANEL
- FIRE ALARM ANNUNCIATOR (48")
- VOICE FIRE ALARM PANEL WITH STROBE
- FIRE ALARM SYSTEM AND CONDUIT WIRING
- 'T' DESIGNATES 'TAMPER PROOF' OPTION

GENERAL NOTES:

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70, NATIONAL ELECTRICAL CODE. ALL ITEMS ARE ON AN EQUAL BASIS.
- ALL SINGLE PHASE BRANCH CIRCUITS (RECEPTACLES, LIGHTING, ETC.) ARE 1/2" CONDUIT OR EMT WITH (3)#12 BLACK/WHITE/GREEN, THHN, 90°C WIRING. ALL OTHER CONDUIT AND WIRING SHALL BE AS INDICATED ON THE PLANS. ACTUAL ROUTING AND HOMERUN GROUPINGS ARE TO BE DETERMINED IN THE FIELD.
- ELECTRICAL DRAWINGS ARE DIAGRAMMATIC EXCEPT FOR DETAILS AND ELEVATIONS. DO NOT SCALE FROM DIAGRAMMATIC DRAWINGS. EXACT LOCATIONS OF DEVICES AND PANELS ARE TO BE DETERMINED AND ROUGHED-IN DURING CONSTRUCTION TO AVOID INTERFERENCE, TO MEET USER REQUIREMENTS, TO PROVIDE ADEQUATE MOUNTING, AND TO MEET NEC LINEAR ACCESS AND CLEARANCE REQUIREMENTS.
- CIRCUIT BREAKER FOR WATER HEATERS TO BE PROVIDED WITH THE MEANS TO BE LOCKED IN THE OPEN POSITION.
- VERIFY EXACT LOCATION OF ALL MOTORS AND EQUIPMENT BEFORE ROUGHING IN.
- FINAL CONNECTIONS TO ALL AIR-HANDLERS, CONDENSING UNITS, EXHAUST FANS, AND OTHER EQUIPMENT DEVICES WHICH VIBRATE, SHALL BE MADE WITH FLEXIBLE SEALTITE AND APPROPRIATE WIRING.
- ELECTRICAL DRINKING FOUNTAIN RECEPTACLES SHALL BE LOCATED AS REQUIRED TO CONCEAL RECEPTACLE BEHIND THE WATER COOLER ASSEMBLY.
- BACK TO BACK MOUNTING OF RECEPTACLES IS NOT PERMITTED.
- IN ADDITION TO THE NEC REQUIREMENTS FOR GFCI RATED RECEPTACLES, THE FOLLOWING RECEPTACLES SHALL ALSO BE GFCI RATED:
 - ALL RECEPTACLES LOCATED WITHIN 6 FEET OF A SINK.
 - ALL RECEPTACLES WHICH ARE PROVIDED FOR CONVENIENCE IN SERVICING HVAC EQUIPMENT REGARDLESS OF LOCATION.
 - ALL RECEPTACLES IN AREAS THAT ARE DEFINED BY THE NEC AS KITCHENS.
- EITHER INDIVIDUAL GFCI DEVICES OR GFCI CIRCUIT BREAKERS ARE ACCEPTABLE BUT RECEPTACLES PROVIDED BY CIRCUIT BREAKERS OR OTHER GFCI DEVICES SHALL BE CLEARLY MARKED AS GFCI AND THE SOURCE OF PROTECTION SHOWN.
- PROVIDE A LAMICOID NAMEPLATE (WHITE LETTERS ON BLACK BACKGROUND) ON EACH PANELBOARD, MOTOR STARTER, CONTACTOR, TRANSFORMER, ETC. LETTERS SHALL BE 0.75 INCH MINIMUM.
- CIRCUIT BREAKERS FOR HVAC EQUIPMENT SHALL BE HACR RATED.
- MINIMUM HORIZONTAL SEPARATION BETWEEN BOXES ON OPPOSITE WALLS OF FIRE RATED WALL SHALL BE 24 INCHES.
- VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL BEFORE ROUGHING IN LIGHT SWITCHES.
- CONTRACTOR SHALL INSTALL THE UNDERGROUND SERVICE LATERAL TO THE UTILITY PROVIDED TRANSFORMER(S). TRANSITION TO RIGID GALVANIZED STEEL CONDUIT FROM THE UNDERGROUND PVC CONDUIT IS REQUIRED EXITING ABOVE GRADE. SERVICE MUST COMPLY WITH ALL REQUIREMENTS OF THE LOCAL ELECTRIC UTILITY.
- TRADE NAMES ARE GIVEN TO CLARIFY TYPE OF PRODUCT AND QUALITY DESIRED.
- CONTRACTOR SHALL CUT AS REQUIRED TO INSTALL ELECTRICAL EQUIPMENT. REPAIR OF FLOOR OR WALLS SHALL BE COORDINATED WITH GENERAL CONTRACTOR. CONTRACTOR SHALL ALSO REPAIR ALL OPENINGS LEFT DUE TO EQUIPMENT REMOVAL.
- CONDUCTORS ARE AWG#12 COPPER UNLESS OTHERWISE SHOWN. ALL CONDUCTORS LARGER THAN #10 SHALL BE STRANDED. RUNS IN EXCESS OF 90'-0" (ONE WAY) SHALL BE SIZED PER THE NATIONAL ELECTRICAL CODE MAXIMUM 3% VOLTAGE DROP.
- PANELBOARDS SHALL CONTAIN A TYPED DIRECTORY WITH A PLASTIC COVER AFFIXED TO THE INSIDE DOOR.
- ALL FIXTURES, DEVICES, CONDUIT, AND EQUIPMENT SHALL BE SECURED WITH APPROVED HANGERS AND ANCHORS AND IN ACCORDANCE WITH APPROVED STANDARDS OF INSTALLATION.
- ALL BREAKERS SHOWN IN THE PANELBOARD SCHEDULE SHALL BE RATED AS SHOWN FOR BOTH CIRCUIT CAPACITY AND FAULT CURRENT INTERRUPTING CAPACITY.
- TELEPHONE SERVICE CONDUIT SHALL BE SCHEDULE 40 PVC, SIZED AS SHOWN, TURNED UP AT A TELEPHONE BACKBOARD. LOCATION OF TELEPHONE INTERFACE TO BE COORDINATED WITH THE LOCAL TELEPHONE UTILITY.
- FOR PHONE AND/OR DATA DROPS, INSTALL JUNCTION BOX WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE.
- ALL PANELBOARDS, DISCONNECT SWITCHES, MOTOR STARTERS, AND CONTACTORS SHALL BE NEMA 1 UNLESS OTHERWISE NOTED.
- IN ACCORDANCE WITH ARTICLE 250-52 NEC, BOND GROUNDING ELECTRODE SYSTEM TO ALL OF THE FOLLOWING IF AVAILABLE:
 - BUILDING STEEL
 - FOUNDATION REBAR
 - BUILDING COUNTERPOISE
 - UNDERGROUND METAL COLD WATER PIPE