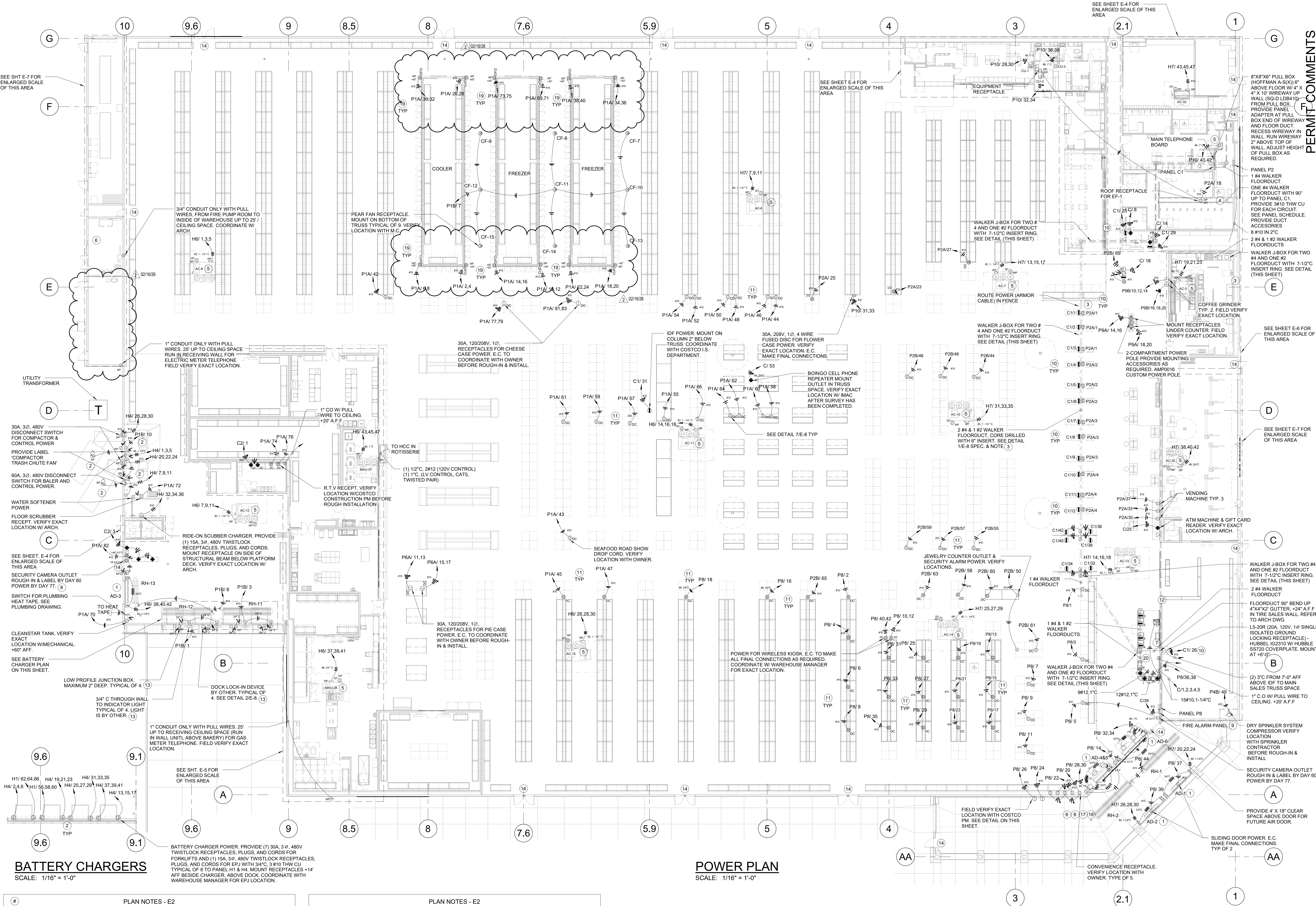


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BATTERY CHARGERS

SCALE: 1/16" = 1'-0"

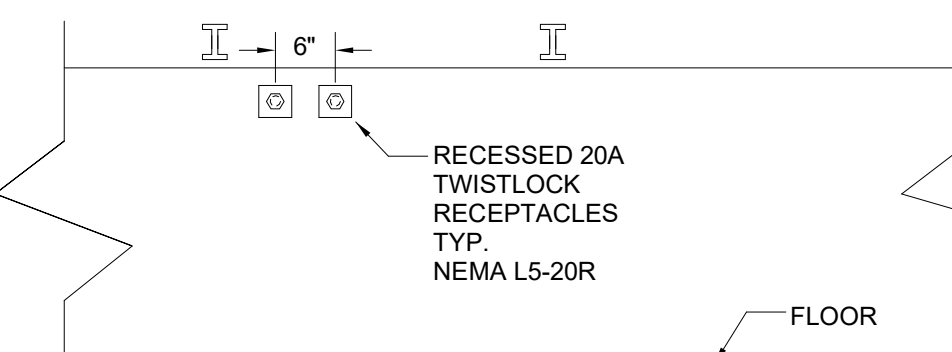
POWER PLAN

SCALE: 1/16" = 1'-0"

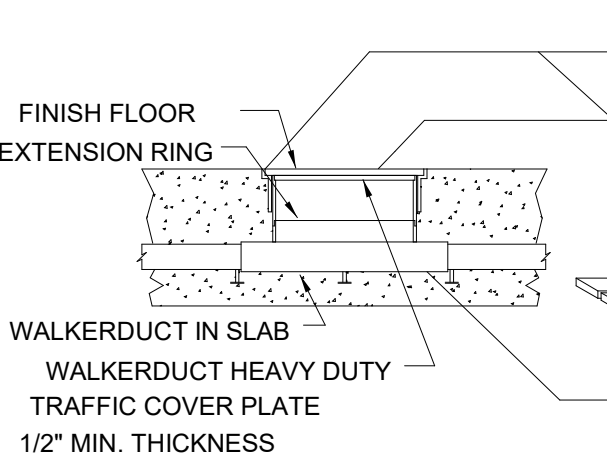
#	PLAN NOTES - E2
1	E.C. TO MAKE ALL CONNECTIONS TO BATTERY CHARGERS & AIR DOORS INCLUDING CONTROL WIRING.
2	COMPACTOR, BALER, AND BATTERY CHARGERS FURNISHED BY OWNER. ALL ELECTRICAL DEVICES ARE PROVIDED AND INSTALLED BY E.C. E.C. TO MAKE ALL FINAL CONNECTIONS. VERIFY WITH G.C. AND EQUIPMENT SUPPLIER FOR ACTUAL ELECTRICAL RATINGS. CONNECTION AS REQUIRED.
3	FLOOR DUCT BY E.C. COORDINATE INSTALLATION WITH G.C. I.B.M. FLOOR RECEPTACLES ARE PART OF WALKERDUCT PACKAGE. INSTALL PER MANUFACTURER'S INSTRUCTION. PROVIDE FITTINGS, J-BOXES AND ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION. PROVIDE AN ADDITIONAL 1/2" THICK COVERPLATE FOR WALKERDUCT J-BOX AS SHOWN IN DETAIL. FLUSH MOUNT ON FLOOR. VERIFY EXACT LOCATIONS PRIOR TO ROUGH-IN. E.C. SHALL MAKE ALL FINAL CONNECTIONS TO CASH REGISTERS. PROVIDE FEEDERS FROM FLOOR DUCT ACCESS TO RECEPTACLES IN REGISTER CENTER BASE. FEEDERS IN HARD CONDUIT WHERE EXPOSED. SEE I.B.M. DIAGRAM.
4	OVERHEAD CONDUITS FROM SALES AREAS TO ELECTRICAL ROOM SHALL BE RUN ABOVE OFFICE AREA. DO NOT RUN ON WALL. SEE GENERAL NOTES ON E-1.
5	MAU AND AC UNITS ARE LOCATED ON ROOF. VERIFY EXACT LOCATION WITH M.C. BEFORE ROUGH-IN INSTALLATION. HVAC POWER SHALL BE OVERHEAD. DO NOT RUN CONDUIT UNDERGROUND OR ON ROOF. DISCONNECT ROOF RECEPTACLE ARE PART OF UNIT EXCEPT FOR MAU. E.C. PROVIDE HACR BREAKER IN NEMA-3R ENCLOSURE AND WP. GFI ROOF RECEPTACLE.
6	SEE SPECIFICATIONS FOR FIRE SPRINKLER SYSTEM POWER. E.C. MAKES FINAL CONNECTIONS FOR A COMPLETE SYSTEM.
7	E.C. TO RECESS ALL ELECTRICAL EQUIPMENT ON MEMBERSHIP WALL IN WALL IF POSSIBLE. CONCEAL ALL CONDUITS IN WALL. SEE ARCH ELEVATION FOR LOCATIONS.
8	E.C. AND G.C. TO COORDINATE WITH SECURITY SYSTEM CONTRACTOR SUCH THAT SECURITY CONTRACTOR CAN INSTALL SECURITY SYSTEM CONDUIT PRIOR TO WALLS BEING CLOSED UP.

#	PLAN NOTES - E2
9	PROVIDE A COMPLETE FIRE ALARM SYSTEM INCLUDING ALL HVAC DUCT DETECTORS. PROVIDE SHOP DRAWINGS & APPROVED DRAWINGS FROM LOCAL FIRE MARSHAL FOR FIRE ALARM SYSTEM. SEE FIRE ALARM SPECIFICATION.
10	E.C. PROVIDE RED COVERPLATE AND ORANGE IG RECEPTACLES FOR ALL PANEL C1 RECEPTACLES. PROVIDE LABEL 'UPS PROTECTED OUTLET, I.S. EQUIPMENT ONLY' AT TOP OF COVERPLATE AND 'C1 (CIRCUIT #)' AT BOTTOM.
11	E.C. TO VERIFY EXACT LOCATION WITH COSTCO CONSTRUCTION PROJECT MANAGER FOR SALES AREA DROP CORDS. TYPICAL NUMBER OF DROP CORDS SHOWN IN CONTRACT SET IS MAXIMUM ALLOWED IN BUILDING CONTRACT. NO ADDITIONAL ALLOWED IN BUILDING CONTRACT.
12	RUN 184 WALKERDUCT FROM J-BOX TO GUTTER AS SHOWN. PROVIDE BEND, FITTING ETC. AS REQUIRED.
13	E.C. SHALL MAKE ALL FINAL CONNECTIONS. COORDINATE WITH SERCO SUPPLIER BEFORE INSTALLATION. SEE DETAIL 2E-8.
14	DOOR HARDWARE: E.C. SHALL PROVIDE 30-3 CLASS 9070 TF75D18 STEP-DOWN TRANSFORMER WITH CLASS 9991 ENCLOSURE. PRIMARY DISCONNECT, PRIMARY AND SECONDARY FUSING (FBSA FOLDER, 0.5A PRIMARY FUSES, 0.75A SECONDARY FUSES) AND ALL LOW VOLTAGE WIRING. SEE SPECIFICATION.
15	E.C. TO PROVIDE PULL STRING AND TAG AT BOTH ENDS FOR FUTURE CASH REGISTER (FROM EACH FUTURE REGISTER TO EACH PANEL (P2 & C1)).
16	E.C. SHALL PROVIDE 3/4" C.D. WITH PULL STRING FROM ALL KNOX BOXES TO THE JOIST SPACE ABOVE. CONDUIT SHALL BE WITHIN WALL SPACE AND NOT SURFACE MOUNT. SEE FIRE PROTECTION DRAWINGS FOR KNOX BOXES LOCATIONS.
17	E.C. TO RUN 1" CONDUIT FROM WAREHOUSE ENTRY TO EDP ROOM FOR FUEL FACILITY ALARM EQUIPMENT. SEE ARCHITECT DRAWINGS FOR EXACT LOCATION.
18	RECEPTACLES MOUNTED ON POS COOLER/FREEZER ARE GFI RECEPTACLE IN CAST BOX WITH FLIP COVERS. RECESS IN COOLER WHEN POSSIBLE.
19	E.C. DUCT ACCESS UNDER MEMBERSHIP COUNTER AND CONNECT FLOATING MEMBERSHIP DESK POWER FROM MAIN MEMBERSHIP POWER AS SHOWN.

TEMPORARY CANOPY POWER DETAIL



WALKER J-BOX DETAIL



PERMIT COMMENTS



IDFPR # 184005536
EXP: 04/30/2027

PROJECT STATUS: PERMIT COMMENTS 1

DATE	DESCRIPTION
11/26/25	ISSUED FOR QA
12/2/25	ISSUED FOR PERMIT
02/10/26	BID ADDENDUM 1
03/03/26	PERMIT COMMENTS 1 A

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NEW WAREHOUSE

LEES SUMMIT, MO

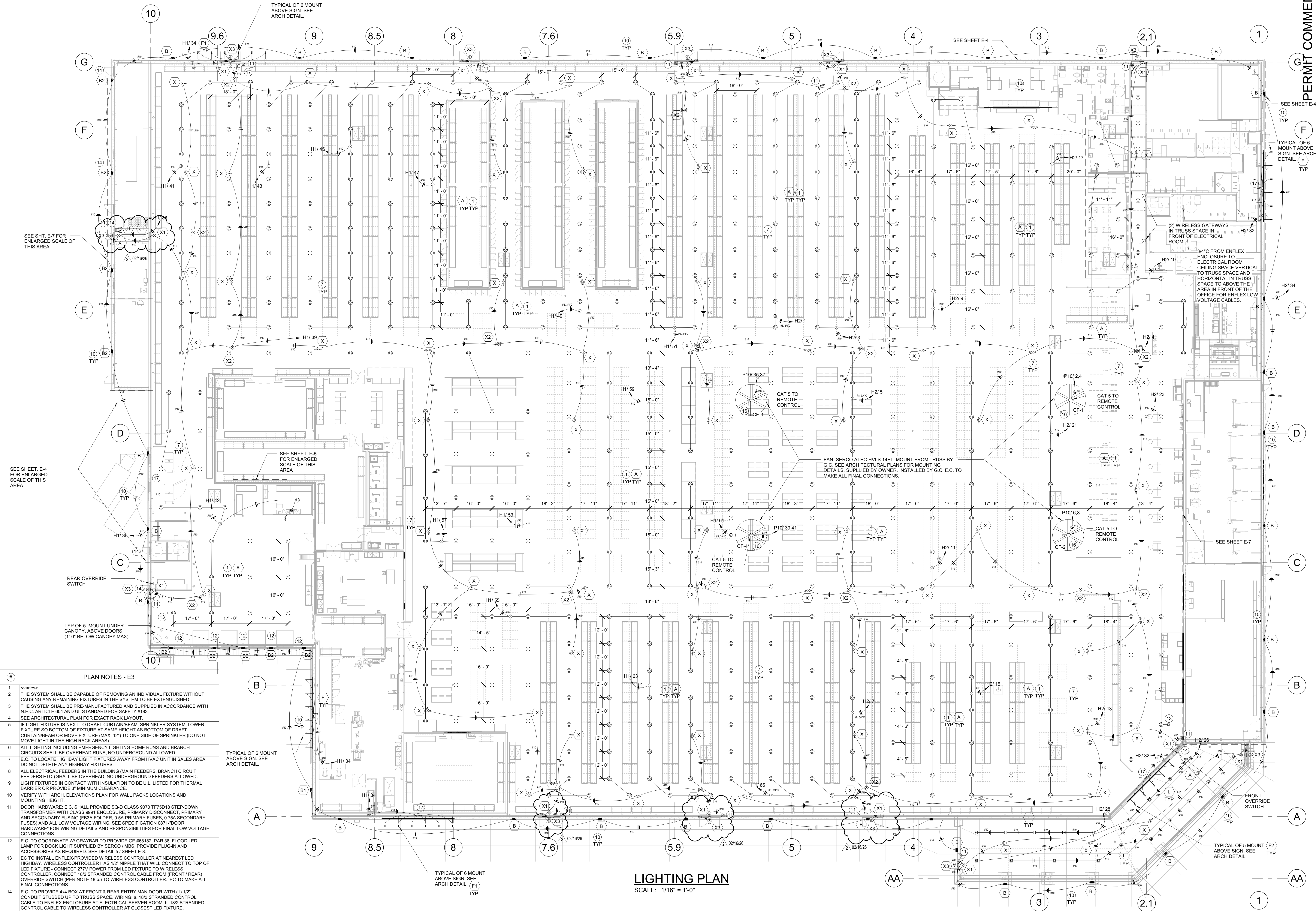
COSTCO
WHOLESALE

TEI #: 25-346
PM: MW
CHECKED BY: JGM
ISSUED: 03/03/26

POWER PLAN

E-2

#	PLAN NOTES - E3
1	<varies>
2	THE SYSTEM SHALL BE CAPABLE OF REMOVING AN INDIVIDUAL FIXTURE WITHOUT CAUSING ANY REMAINING FIXTURES IN THE SYSTEM TO BE EXTINGUISHED.
3	THE SYSTEM SHALL BE PRE-MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH N.E.C. ARTICLE 604 AND UL STANDARD FOR SAFETY #183.
4	SEE ARCHITECTURAL PLAN FOR EXACT RACK LAYOUT.
5	IF LIGHT FIXTURE IS NEXT TO DRAFT CURTAIN/BEAM, SPRINKLER SYSTEM, LOWER FIXTURE SO BOTTOM OF FIXTURE AT SAME HEIGHT AS BOTTOM OF DRAFT CURTAIN/BEAM OR MOVE FIXTURE (MAX. 12") TO ONE SIDE OF SPRINKLER (DO NOT MOVE LIGHT IN THE HIGH RACK AREAS).
6	ALL LIGHTING INCLUDING EMERGENCY LIGHTING HOME RUNS AND BRANCH CIRCUITS SHALL BE OVERHEAD RUNS, NO UNDERGROUND ALLOWED.
7	E.C. TO LOCATE HIGHBAY LIGHT FIXTURES AWAY FROM HVAC UNIT IN SALES AREA. DO NOT DELETE ANY HIGHBAY FIXTURES.
8	ALL ELECTRICAL FEEDERS IN THE BUILDING (MAIN FEEDERS, BRANCH CIRCUIT FEEDERS ETC.) SHALL BE OVERHEAD. NO UNDERGROUND FEEDERS ALLOWED.
9	LIGHT FIXTURES IN CONTACT WITH INSULATION TO BE U.L. LISTED FOR THERMAL BARRIER OR PROVIDE 3" MINIMUM CLEARANCE.
10	VERIFY WITH ARCH. ELEVATIONS PLAN FOR WALL PACKS LOCATIONS AND MOUNTING HEIGHT.
11	DOOR HARDWARE: E.C. SHALL PROVIDE 50-D CLASS 9070 TFF5D18 STEP-DOWN TRANSFORMER WITH CLASS 9991 ENCLOSURE, PRIMARY DISCONNECT, PRIMARY AND SECONDARY FUSING (FBSA FOLDER, 0.5A PRIMARY FUSES, 0.75A SECONDARY FUSES) AND ALL LOW VOLTAGE WIRING. SEE SPECIFICATION 3871-DOOR HARDWARE FOR WIRING DETAILS AND RESPONSIBILITIES FOR FINAL LOW VOLTAGE CONNECTIONS.
12	E.C. TO COORDINATE W/ GRAYBAR TO PROVIDE GE #68182, PAR 38, FLOOD LED LAMP FOR DOOR LIGHT SUPPLIED BY SERCO/ MBS. PROVIDE PLUG-IN AND ACCESSORIES AS REQUIRED. SEE DETAIL 5 / SHEET E-8.
13	EC TO INSTALL ENFLX-PROVIDED WIRELESS CONTROLLER AT NEAREST LED HIGHBAY. WIRELESS CONTROLLER HAS 1/2" NIPPLE THAT WILL CONNECT TO TOP OF LED FIXTURE - CONNECT 277V POWER FROM LED FIXTURE TO WIRELESS CONTROLLER. CONNECT 18/2 STRANDED CONTROL CABLE FROM (FRONT / REAR) OVERRIDE SWITCH (PER NOTE 16.D.) TO WIRELESS CONTROLLER. EC TO MAKE ALL FINAL CONNECTIONS.
14	E.C. TO PROVIDE 1/4" BOX AT FRONT & REAR ENTRY MAN DOOR WITH (1) 1/2" CONDUIT STUBBED UP TO TRUSS SPACE. WIRING: a. 16/3 STRANDED CONTROL CABLE TO ENFLX ENCLOSURE AT ELECTRICAL SERVER ROOM. b. 18/2 STRANDED CONTROL CABLE TO WIRELESS CONTROLLER AT CLOSEST LED FIXTURE.
15	E.C. TO VERIFY EXIT LIGHT PATH WITH G-101 PRIOR ROUGH-IN.
16	E.C. SHALL PROVIDE DISCONNECT SWITCH, BRING POWER TO FAN AND MAKE ALL FINAL CONNECTIONS. REMOTE CONTROL PROVIDED BY OWNER AND INSTALLED BY E.C. PROVIDE 10V CAT 5 WIRING WITH RJ45 CONNECTORS. CONTROL WIRING TO MICROTHERMO (MT) PANEL BY R.C. COORDINATE EXACT REQUIREMENT WITH SUPPLIER PRIOR TO INSTALLATION.
17	SIGN LIGHT DRIVER. PROVIDE 1" C FROM DRIVER TO EACH SIGN LIGHT. MOUNT DRIVER ON BACK OF PARAPET IF POSSIBLE. OTHERWISE PROVIDE UNISTRUT FRAME WORK MOUNTED ON STANDING SEAM OF ROOF. COORDINATE REQUIREMENTS OF ROOF MOUNTING WITH SPAN.



LIGHTING PLAN
SCALE: 1/16" = 1'-0"

PERMIT COMMENTS

STATE OF MISSOURI
JOEL G. MORTENSON
PROFESSIONAL ENGINEER
NUMBER
PE-202400146
03/03/2026

IDFPR # 184005536
EXP: 04/30/2027

PROJECT STATUS: PERMIT COMMENTS 1

DATE DESCRIPTION

1/26/25 ISSUED FOR QA
1/26/25 ISSUED FOR PERMIT
02/10/26 ISSUED FOR BID
02/10/26 BID ADDENDUM 1
03/03/26 PERMIT COMMENTS 1.A.

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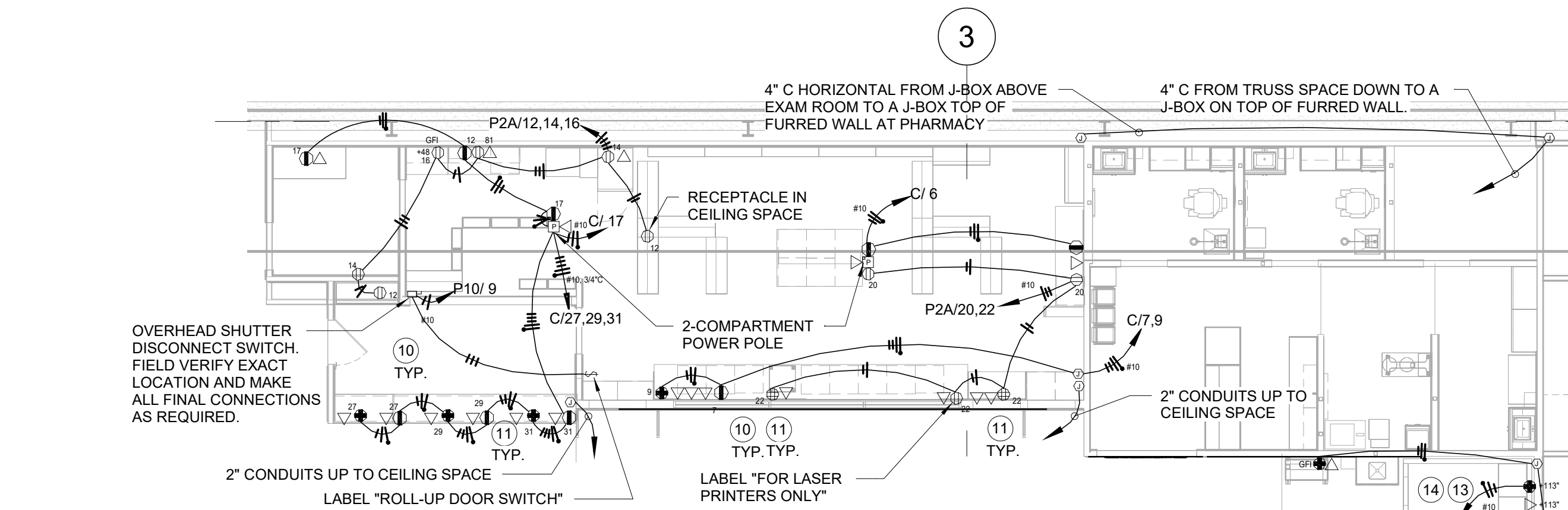
NEW WAREHOUSE
LEES SUMMIT, MO

COSTCO
WHOLESALE

TEI #: 25-346
PM: MW
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ISSUED: 03/03/26

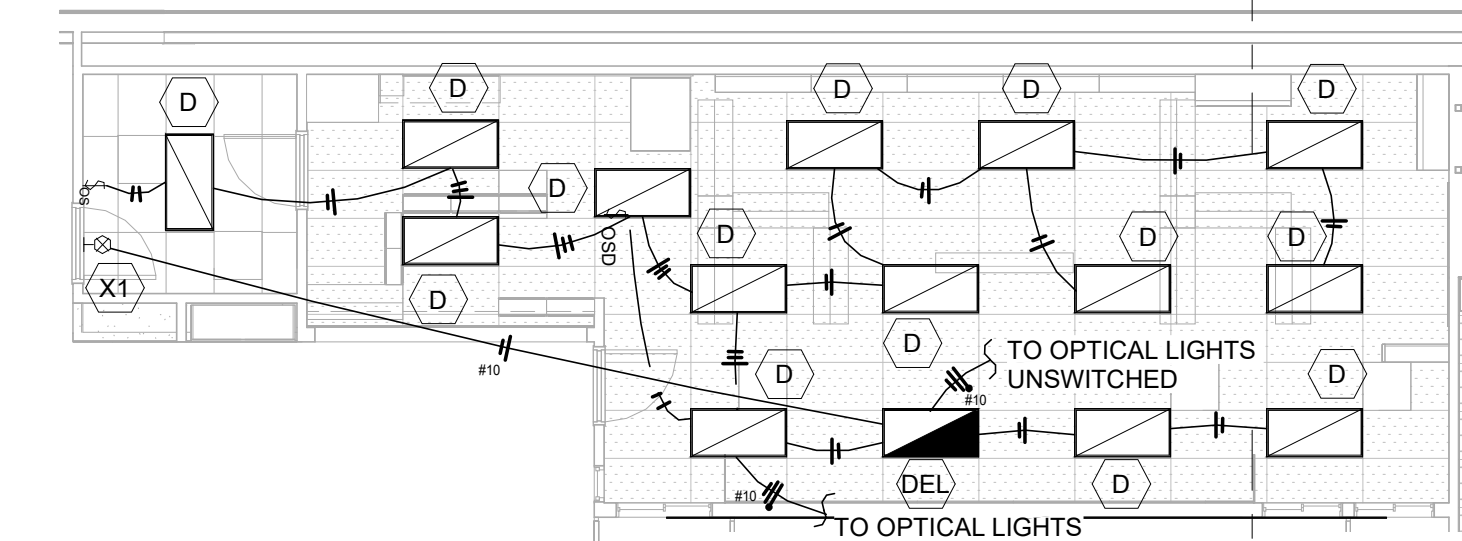
LIGHTING PLAN

E-3



PHARMACY & HEARING AID CENTER POWER

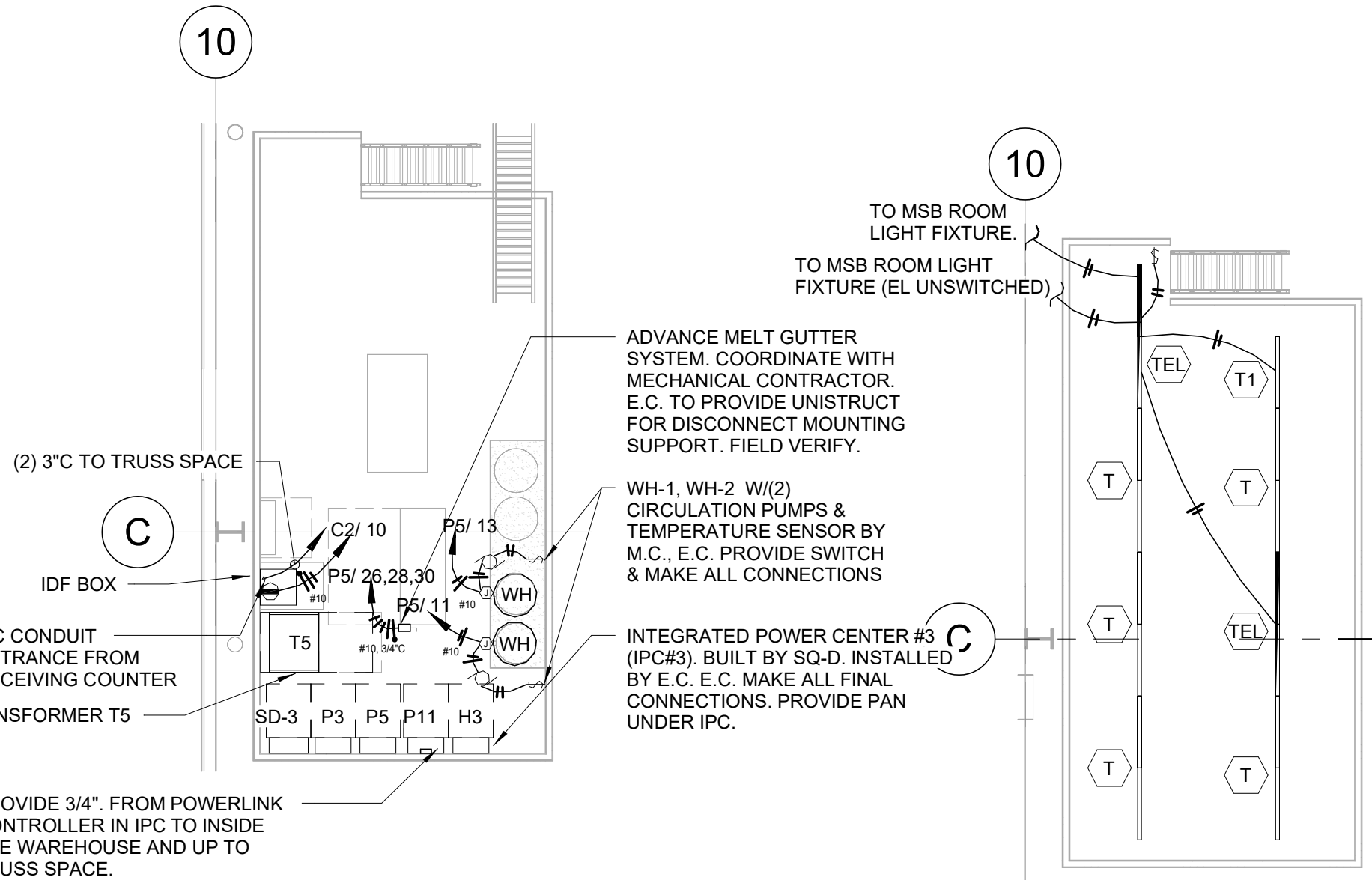
SCALE: 1/8" = 1'-0"



PHARMACY LIGHTING

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

- PLAN NOTES - E-4**
- FLOOR BOX & ASSOCIATED ACCESSORIES (MAKE: LEGRAND, MODEL: RFB-4-CL-1, CLT-2AB, FFBTBC, FP-CTR, & PKER-30) FOR RECEPTACLE AND DATA OUTLET. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN INSTALLATION.
 - E.C. TO MAKE ALL FINAL ELECTRICAL CONNECTIONS (INCLUDING LOW-VOLTAGE) FOR ALL OWNER SUPPLIED EQUIPMENT.
 - PLUGMOLD & LIGHTING IN KIOSK ARE SUPPLIED BY OWNER. INSTALLED BY ELECTRICAL CONTRACTOR.
 - ALL OUTLETS, LIGHT SWITCHES, ELECTRICAL DEVICE, OUTLETS SHALL ALSO BE TAMPER RESISTANT IN EXAM ROOMS SHALL BE HOSPITAL GRADE. NO M.C. (FLEX) WIRING ALLOWED. PER NEC 517-13.
 - PROVIDE PLUGMOLD, WITH RECEPTACLE EVERY 12" ON CENTER. MOUNT PLUGMOLD ABOVE COUNTER.
 - WHITE 2-GANG BRUSH COVERPLATE, WITH LOW VOLTAGE 2-GANG MOUNTING PLATE WITH ACCESS PENETRATION (2-1/2" SNAP IN BUSHING) TO HOFFMAN 3"x3" WIREWAY FOR OWNER INSTALLED DATA CABLING AT HEIGHTS SHOWN ON POWER PLAN. PROVIDE AN ADDITIONAL 2-1/2" SNAP IN BUSHING TO HOFFMAN 3"x3" WIREWAY AT 8'-9" (IN CEILING SPACE. NO COVERPLATE NEEDED). TYPICAL FOR ALL DATA CHASES. PROVIDE ALL ACCESSORIES AS REQUIRED. BUSHING, COVERPLATE, MOUNTING PLATE & 9-FT HOFFMAN 3"x3" WIREWAYS TO BE PURCHASED / SUPPLIED FROM GRAYBAR ELECTRIC (206-292-4848). SEE DETAIL 15E-8 AND ARCHITECTURAL OPTICAL PLANS. PROVIDE PULL STRING IN CHASES.
 - MOUNT CLEAN POWER RECEPTACLE IN LOWER CABINERY ON THE INNER SIDE WALL OF CABINET TO MAKE SURE CABINET DRAWER CAN CLOSE PROPERLY WITH CORD PLUGGED INTO THE RECEPTACLE. COORDINATE EXACT LOCATION WITH REGIONAL OPTICAL MANAGER.
 - SAME AS NOTE #6, EXCEPT USE HOFFMAN 4"x4" WIREWAY AT THIS LOCATION IN EACH OPTICAL EXAM.
 - WHITE 2-GANG BRUSH COVERPLATE, WITH LOW VOLTAGE 2-GANG MOUNTING PLATE WITH ACCESS PENETRATION (2-1/2" SNAP IN BUSHING) TO HOFFMAN 4"x4" WIREWAY FOR OWNER INSTALLED DATA CABLING AT HEIGHTS SHOWN ON POWER PLAN. PROVIDE 2" HORIZONTAL CONDUIT BETWEEN THE (2) 4"x4" WIREWAYS IN EACH EXAM ROOM. 1-FT HOFFMAN 4"x4" WIREWAYS TO BE PURCHASED / SUPPLIED FROM GRAYBAR ELECTRIC (206-292-4848). SEE DETAIL 15E-8 AND ARCHITECTURAL OPTICAL PLANS. PROVIDE PULL STRING IN CHASES.
 - MOUNT RECEPTACLES, DATA/TELEPHONE OUTLETS, J-BOXES ETC. INSIDE COUNTER. ROUTE CONDUITS TO WALL FOR VERTICAL RUNS. PROVIDE 3/4" FROM EACH INDIVIDUAL DATA/TELEPHONE OUTLET TO SIDE WALL J-BOX. COORDINATE WITH DATA INSTALLER FOR EXACT REQUIREMENT.
 - MOUNT RECEPTACLES, DATA/TELEPHONE OUTLETS, J-BOXES ETC. RECESSED IN WALL. RUN HORIZONTAL CONDUITS CONCEALED IN WALL TO SIDE WALL FOR VERTICAL RUNS CONCEALED IN WALL UP TO CEILING. PROVIDE 3/4" FROM EACH INDIVIDUAL DATA/TELEPHONE OUTLET TO SIDE WALL J-BOX, WHICH CONTINUES WITH 2" CONDUIT UP TO CEILING. NO SURFACE-MOUNTED CONDUIT. J-BOX ALLOWED.
 - MOUNT RECEPTACLE INSIDE CABINET FOR CASH REGISTER. PROVIDE GROUND WIRES.
 - RECEPTACLE FOR BOOTH AND LIGHTING & OUTLETS. E.C. TO MAKE ALL FINAL CONNECTIONS.
 - NO CONDUIT ATTACHED TO OR TOUCHING BOOTH.
 - E.C. TO PROVIDE & INSTALL MARK TIMER IN SINGLE GANG BOX TO CONTROL TRANSFER FAN. MANUFACTURER: INTERMATIC MODEL#PFF12MC
 - LIGHTING IN ELECTRICAL ROOM SHALL BE CONNECTED TO UNSWITCHED / EL BREAKER POLE.
 - UPS SHUTDOWN PUSH-BUTTON (SQ-D KR0RH13, W/ INTERMATIC WP10(MXD) COVER). PROVIDE RED LAMACOID LABEL "UPS SHUTOFF" LOCATE BUTTON 6" FROM MIDDLE OF DOOR OUTSIDE OF ROOM. 6" ABOVE FLOOR.
 - E.C. TO LABEL "CLEAN POWER" AT TOP OF COVERPLATE AND "C" (CIRCUIT #) AT BOTTOM.
 - E.C. PROVIDE RED COVERPLATE AND ORANGE IG RECEPTACLES FOR ALL PANEL, C1 RECEPTACLES. PROVIDE LABEL "UPS PROTECTED OUTLET, I.S. EQUIPMENT ONLY" AT TOP OF COVERPLATE AND "C1" (CIRCUIT #) AT BOTTOM.
 - E.C. SUPPLY AND INSTALL 8"x8"x4" NEMA-1 ENCLOSURE ABOVE CEILING NEAR TF-22 AND TF-23 FOR AIR BALANCE KIT (KIT SUPPLIED BY M.C.). MOUNT KIT AND SUPPLY POWER. LOW VOLTAGE WIRING BY M.C.
 - SAME AS NOTE #6, EXCEPT USE HOFFMAN 5"x3"x3" WIREWAY AT THIS LOCATION. E.C. FIELD CUT.
 - SAME AS NOTE #6, EXCEPT USE HOFFMAN 5"x3"x3" WIREWAY AT THIS LOCATION. ACCESS ON BOTH SIDES OF WALL. WIREMOLD (437-2") ATTACHMENT RINGS.
 - E.C. TO MAKE CONNECTION TO DOOR MAGLOCK POWER SUPPLY. COORDINATE WITH VENDOR AND FIELD VERIFY EXACT LOCATION.

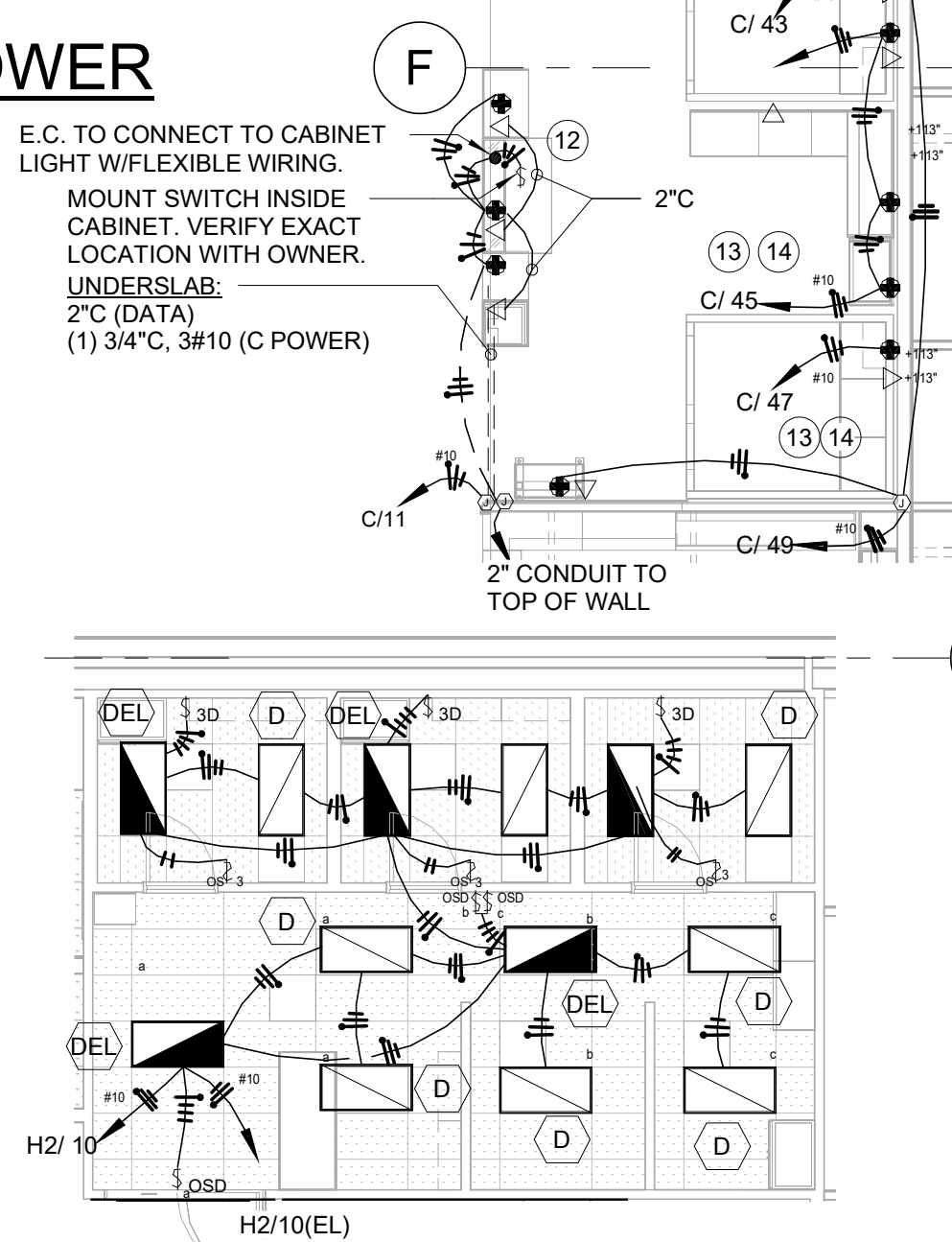


RECEIVING PLATFORM POWER

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

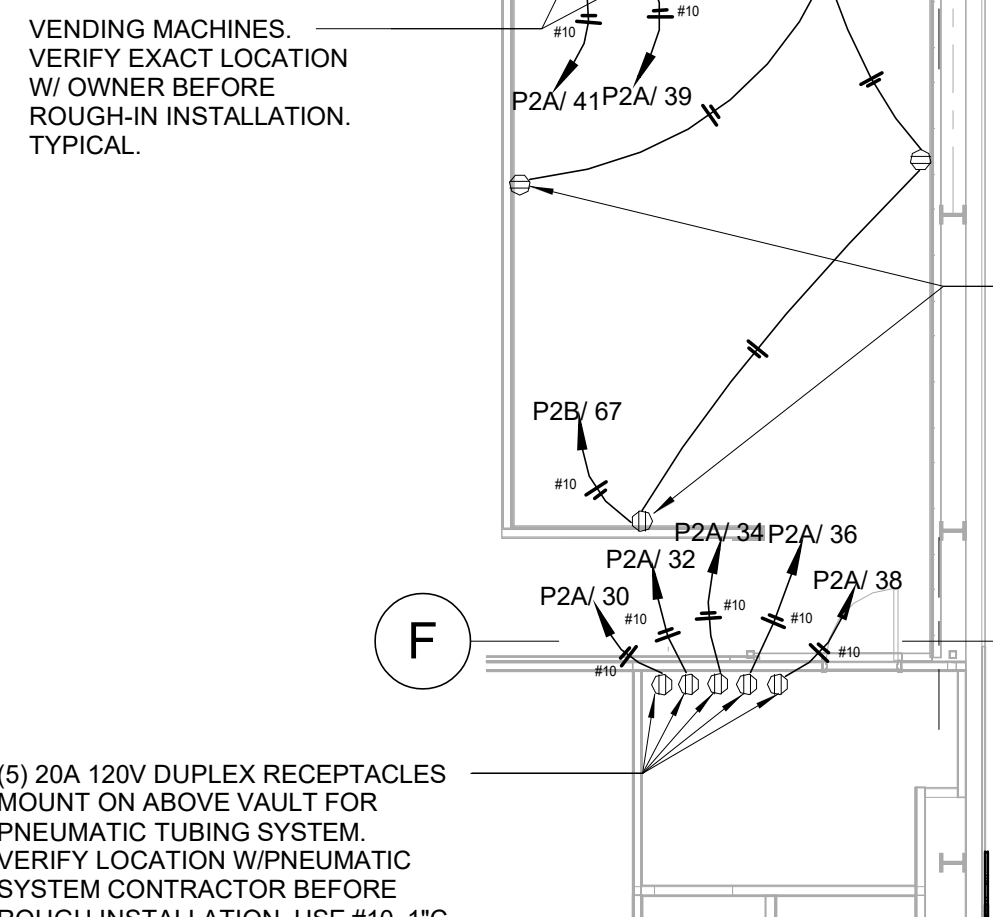
RECEIVING PLATFORM LIGHTING

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



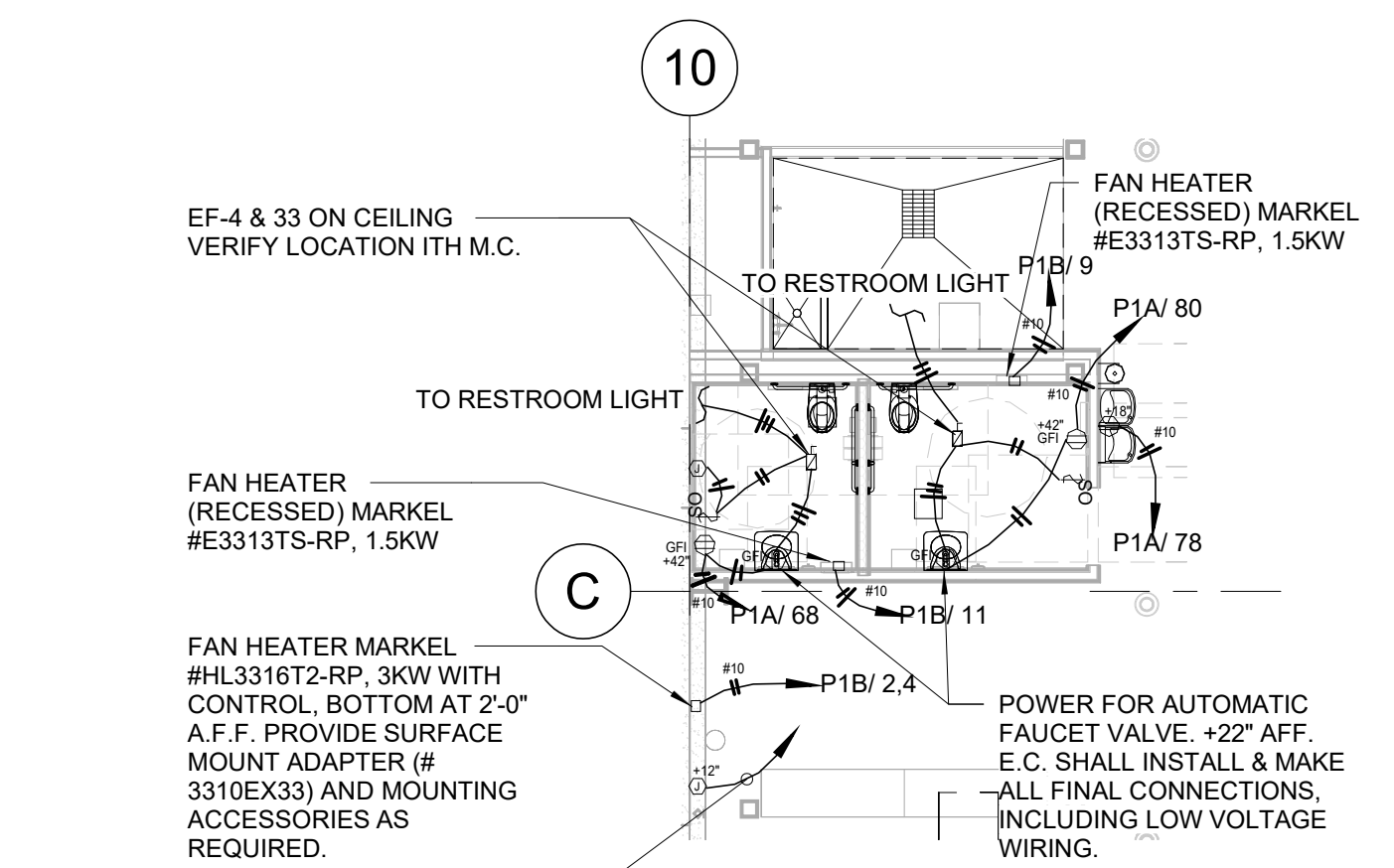
OPTICAL LIGHTING

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



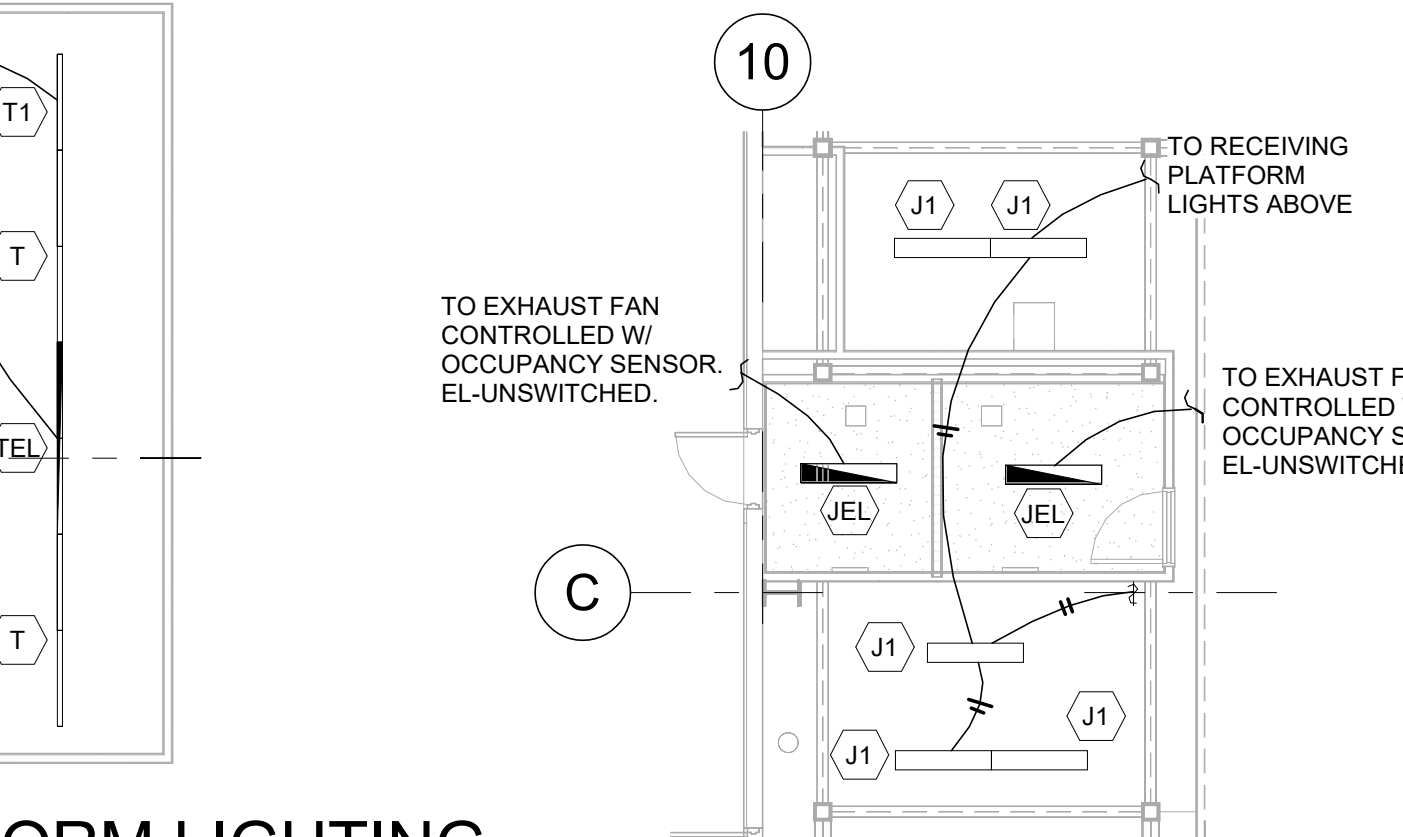
LOCKER ROOM MEZ POWER

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



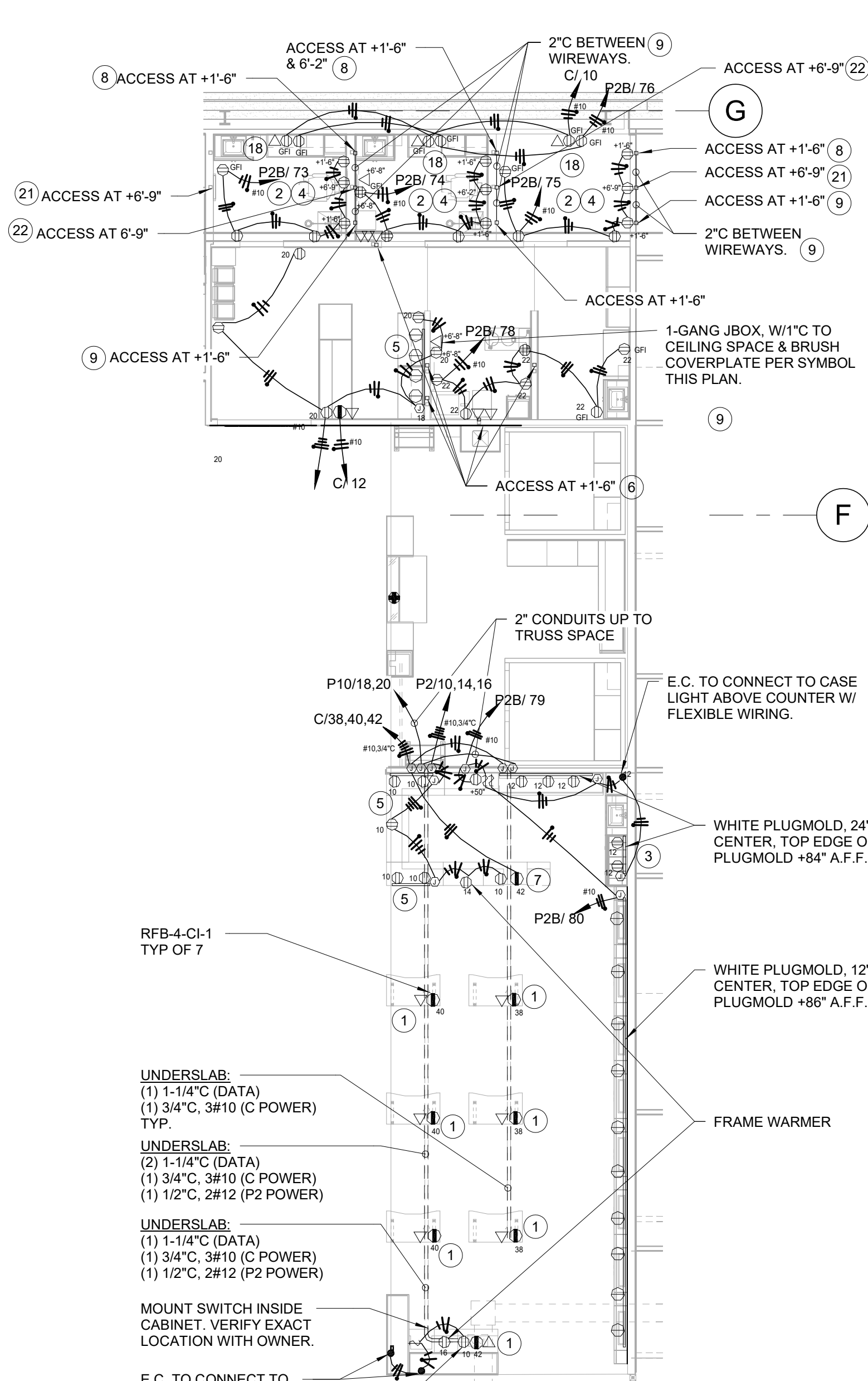
EMPLOYEE & FLEET RR POWER

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



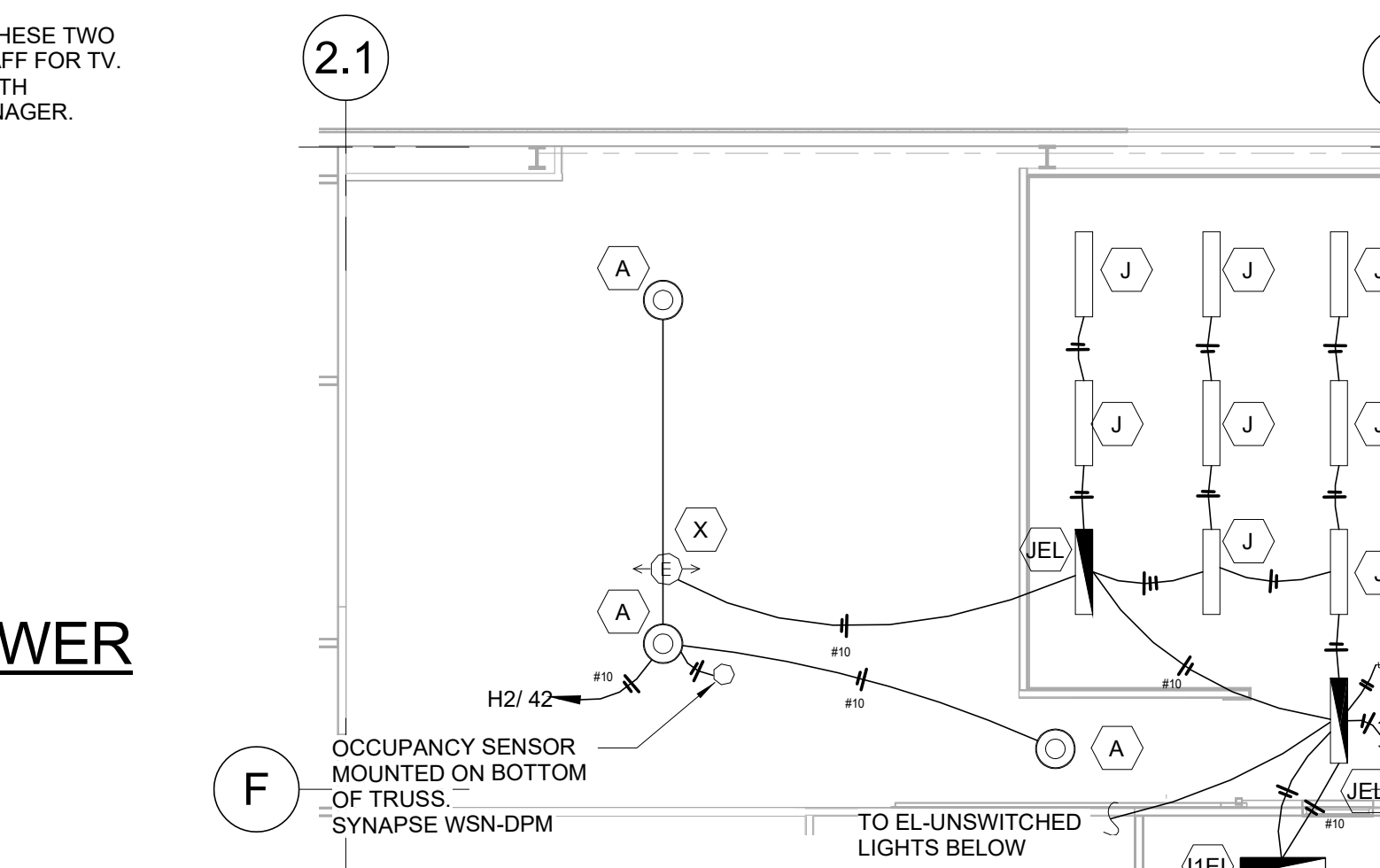
EMPLOYEE RR LIGHTING

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



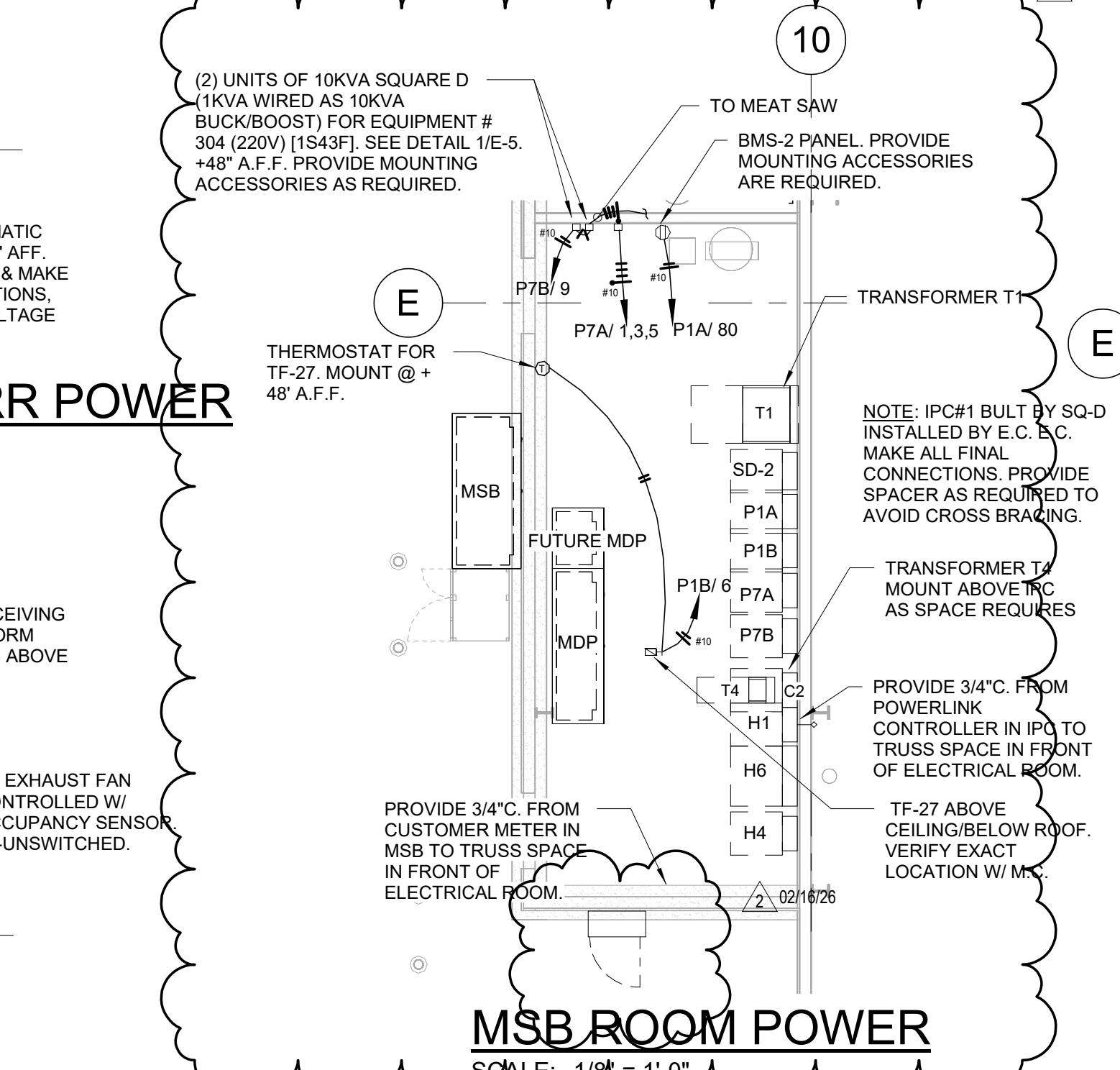
OPTICAL POWER

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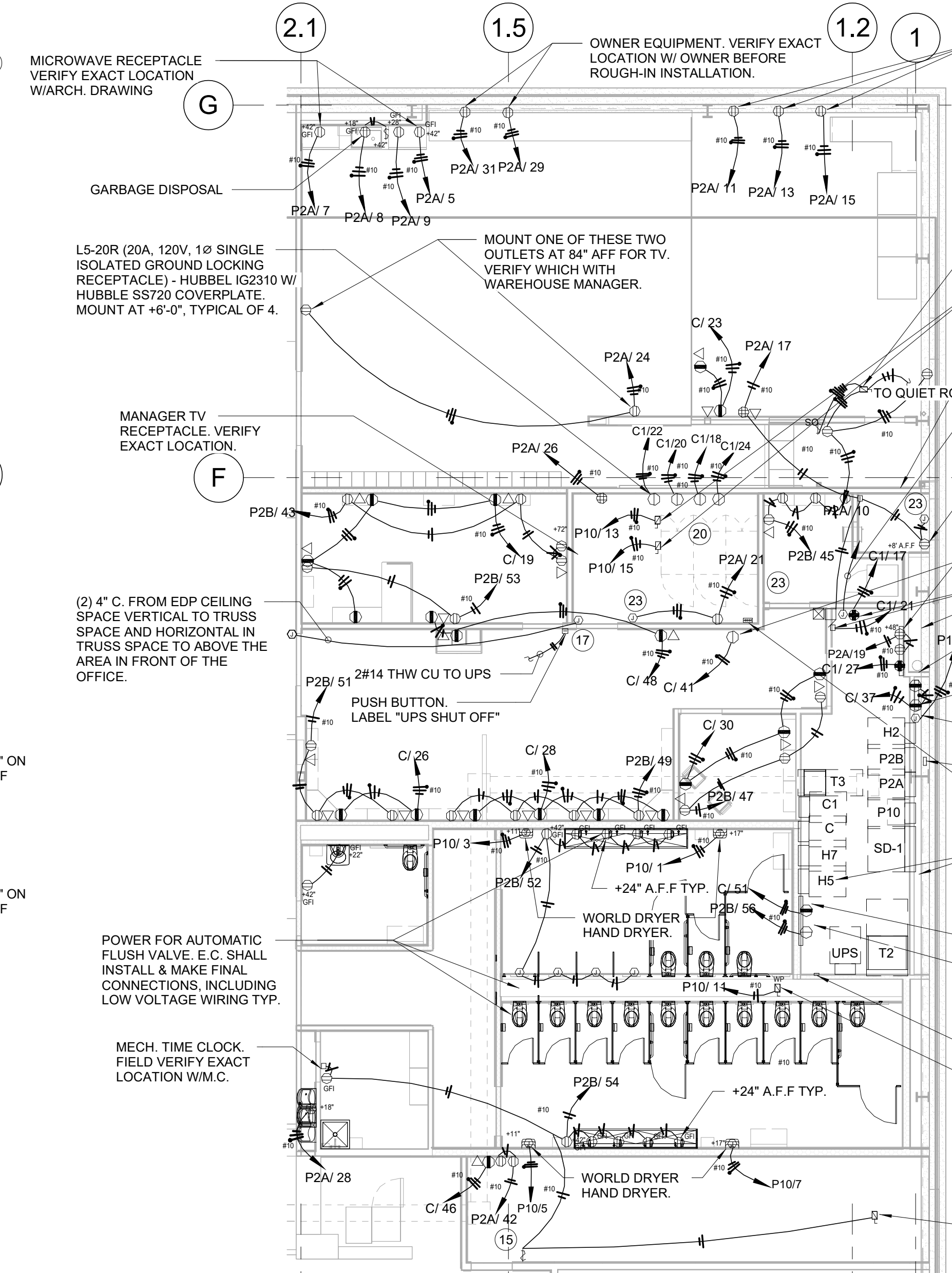
EMPLOYEE LOCKER MEZZANINE LIGHTING

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



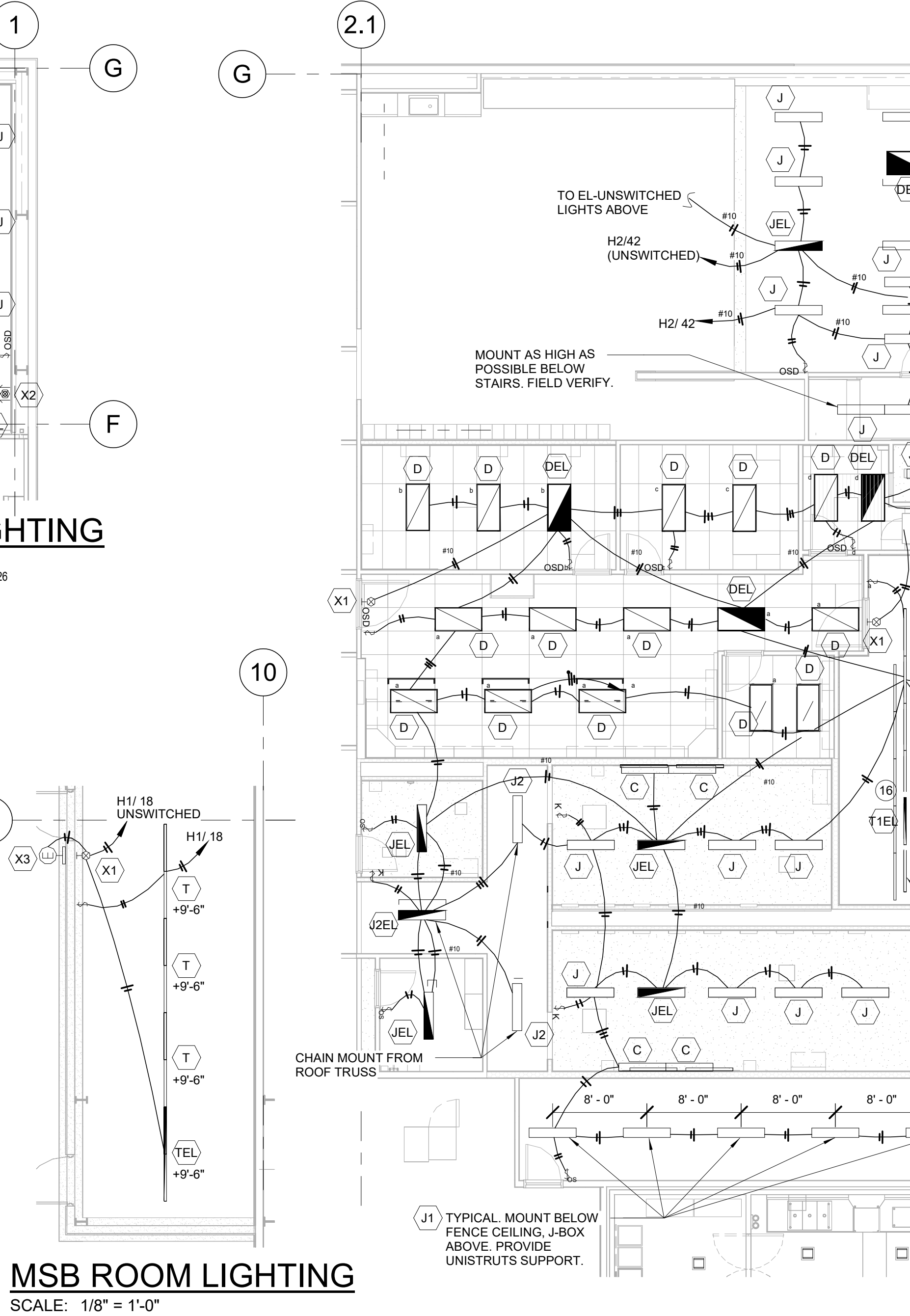
MSB ROOM POWER

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



OFFICE, RR & ELEC. ROOM POWER

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



OFFICE, RR & ELEC. ROOM LIGHTING

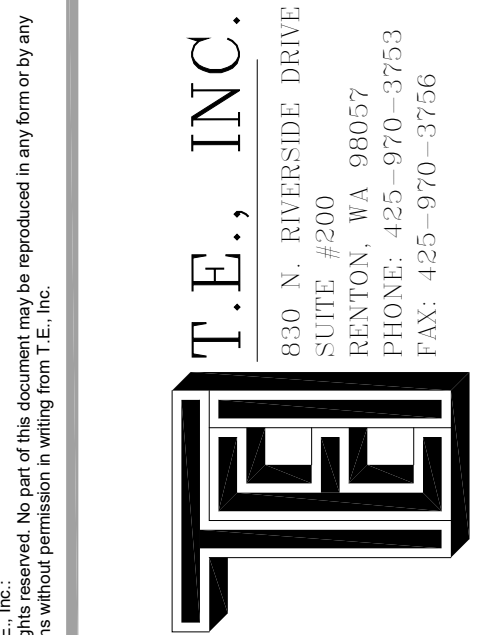
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PERMIT COMMENTS



IDPFR # 184005536
EXP: 04/30/2027

DATE	DESCRIPTION
11/26/25	ISSUED FOR QA
12/02/25	ISSUED FOR PERMIT
02/10/26	BID ADDENDUM 1
03/03/26	PERMIT COMMENTS 1 A



NEW WAREHOUSE
LEES SUMMIT, MO



TEI #: 25-346
PM: MW
CHECKED BY: JGM
ISSUED: 03/03/26

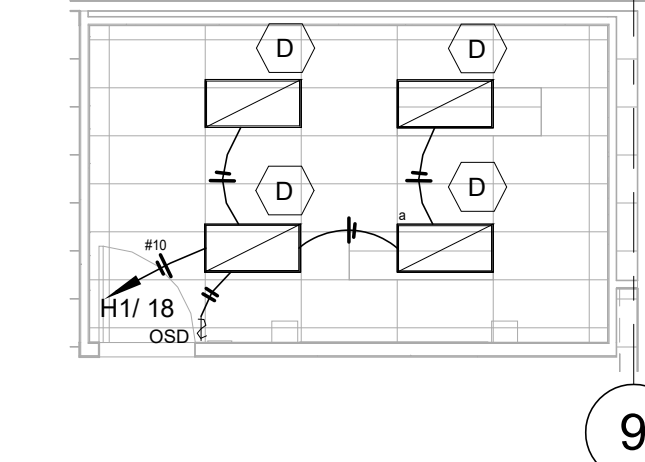
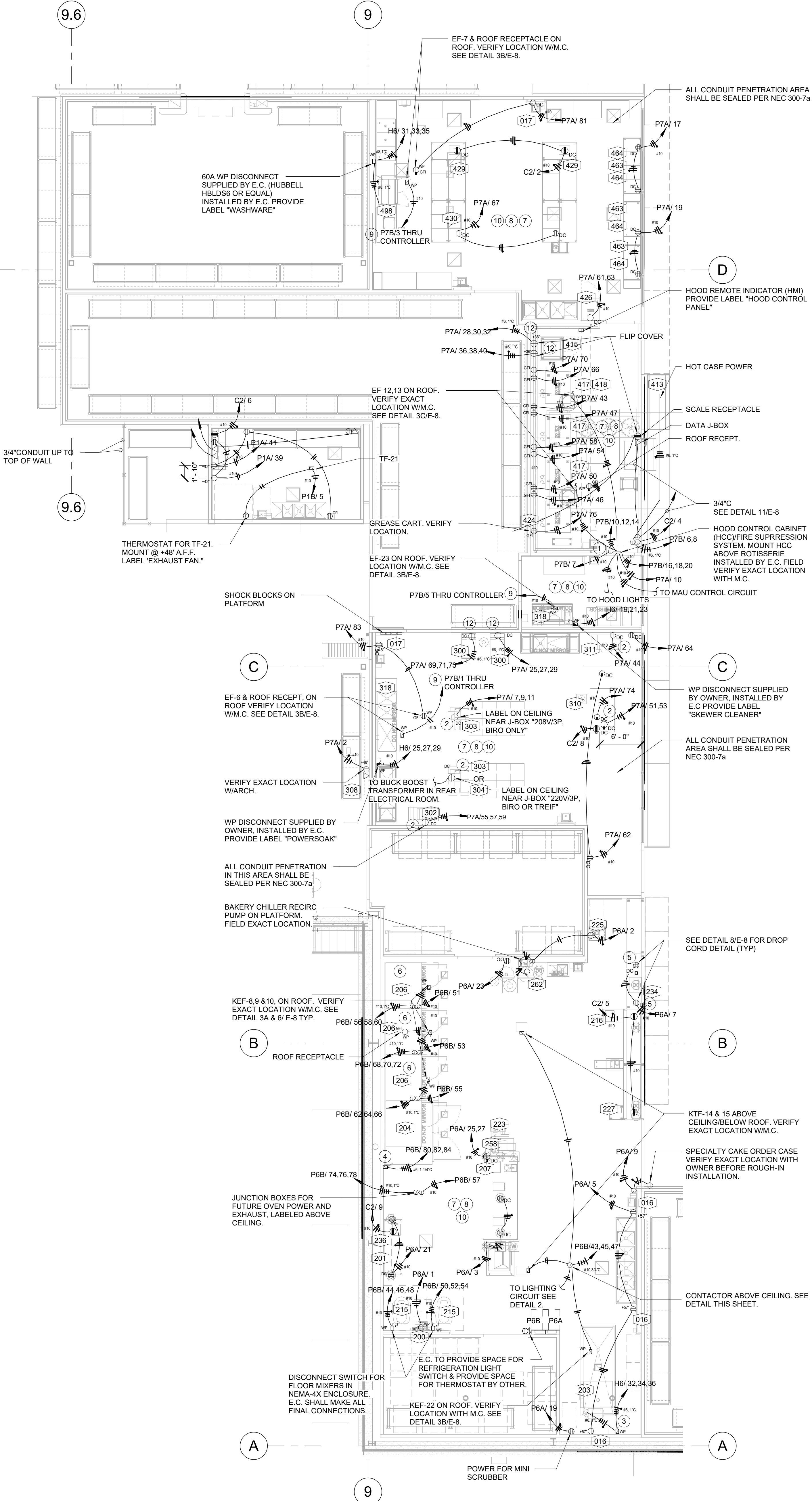
OFFICE, PHARMACY,
HEARING, OPTICAL, PUBLIC
RESTROOM - POWER AND
LIGHTING PLANS, DETAIL &
NOTES

E-4

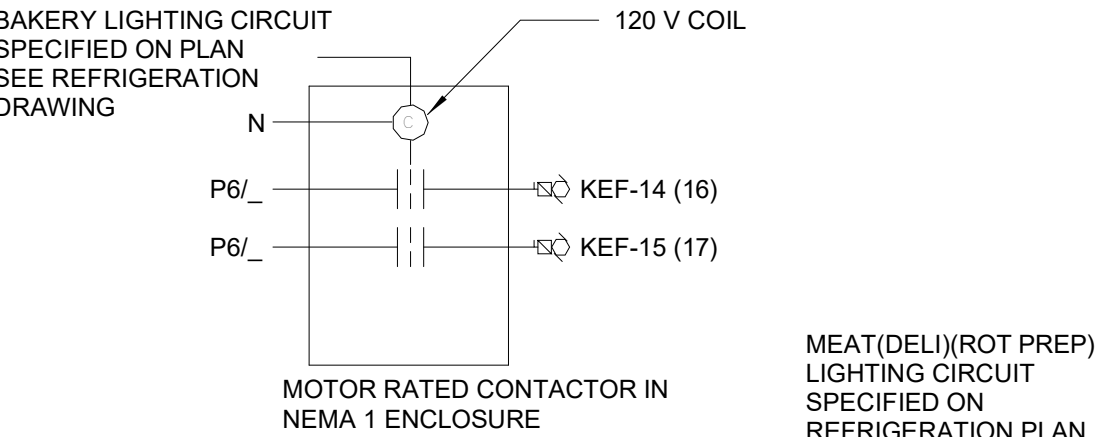
BAKERY,SUSHI, MEAT, ROTISSERIE, & DELI DEPARTMENT EQUIPMENT LIST				
(ALL OUTLETS, J-BOXES, DISCONNECT, ETC., IN MEAT, ROTISSERIE, CHICKEN PREP, BAKERY, & DELI DEPARTMENTS SHALL BE WATERTIGHT TYPE. DROP CORD RECEPTABLES MOUNTING HEIGHT IS 6'-6" UNLESS OTHERWISE SPECIFIED.)				
NUMBER	DESCRIPTION	MCOP	LOADS	REMARKS
016	West Coast Insect Light	20A/1P	115V/1P	WALL MOUNTED DUPLEX OUTLET 57" A.F.F.
017	ECOLAB FORMULA FOAM CLEANING SYSTEM	15A/1P	120V/1P, 5A	DROP CORD DUPLEX RECEPT 6'-6" A.F.F.
200	BAXTER WATER METER	20A/1P	115V/1P, 10A	GFI RECEPT, +90" A.F.F. MOUNT BETWEEN PLUMBING PIPING
201	BAXTER SPICE RACK & MIX TABLE	20A/1P	115V/1P	WALL MOUNTED DUPLEX OUTLET 47" A.F.F.
203	LVO RACK WASHER	50A/3P	480V/3P, 35.6A	60A/3P DISCONNECT SWITCH WITH 50AF, 480V/3P/4W +48" A.F.F. SEE NOTE 3
204	HOBART PW35-SEFAAA PROOFBOX	45A/3P	208V/3P, 35.5 FLA	60A/3P DISCONNECT SWITCH WITH 45AF +84" A.F.F.
206	HOBART/BAXTER RACK OVEN	30A/3P	208V/3P, 5A & 120V/1P, 20A	DIRECT WIRE TO OVEN
207	COMTEC PIE STAMP MACHINE	20A/2P	208V/1P, 10A	NEMA 6-20R, DROP CORD SINGLE OUTLET 6'-6" A.F.F.
215	HOBART MIXER - 140 QT	30A/3P	208V/3P, 5HP, 14.4A	30A/3P DISCONNECT SWITCH, DIRECT WIRING
216	BAKERY SCALES	20A/1P	120V/1P, 1.42A	DROP CORD SINGLE ISOLATED GROUND OUTLET 6'-6" A.F.F. DEDICATED CIRCUIT & GROUND
223	MUFFIN DEPOSITOR	20A/1P	120V/1P, 11.5A	DROP CORD DUPLEX RECEPT 6'-6" A.F.F.
225	200T MIXER	20A/1P	120V/1P, 11.5A	DROP CORD DUPLEX RECEPT 6'-6" A.F.F.
227	LABEL PRINTER	20A/1P	115V/1P	DROP CORD SINGLE ISOLATED GROUND OUTLET 6'-6" A.F.F. DEDICATED CIRCUIT & GROUND
234	CAKE SLICER	20A/1P	115V/1P	DROP CORD GROUND OUTLET 6'-6" A.F.F.
236	DIGITAL SCALE	20A/1P	115V/1P	DROP CORD GROUND OUTLET 6'-6" A.F.F.
258	MOULDER	20A/2P	208V/1P, 8A	NEMA 6-20R, DROP CORD SINGLE OUTLET 6'-6" A.F.F.
262	FAN WITH BASE	20A/1P	115V/1P, 2.5A	DROP CORD DUPLEX RECEPT 6'-6" A.F.F.
300	BIRO MIXER/GRINDER	60A/3P	208V/3P, 7.5HP	DROP CORD WATERPROOF SINGLE OUTLET 6'-6" A.F.F. RECEPTACLE & PLUG SUPPLIED BY OWNER, E.C. INSTALLED.
302	ROSS MEAT TENDERIZER	20A/3P	208V/3P, 3HP, 16.5A	DROP CORD WATERPROOF SINGLE OUTLET 6'-6" A.F.F. SEE NOTE 2 HBL2423SW CONNETTOR (RECEPTACLE), PLUG SUPPLIED BY OWNER, E.C. INSTALLED.
303	BIRO MEAT SAW	20A/3P	208-230V/3P, 2HP, 10.5 FLA	DROP CORD WATERPROOF SINGLE OUTLET 6'-6" A.F.F.
304	TREIF MEAT SAW	20A/3P	220V/3P, 3KW	DROP CORD WATERPROOF SINGLE OUTLET 6'-6" A.F.F. RECEPTACLE & PLUG SUPPLIED BY OWNER, E.C. INSTALLED.
308	FAT TESTER	20A/1P	115V/1P, 15A	WALL MOUNTED SINGLE ISOLATED GROUND OUTLET 4'-0" A.F.F. DEDICATED CIRCUIT & GROUND
310	WRAP STATION - PRINTER LABELER	20A/2P	208V/1P, 2.7KVA (DIGI)	WATER PROOF WHITE DROP CORDS (1) 20A/2P DEDICATED CIRCUIT & GROUND. SEE NOTE 2. WITH LEVITON 26W48 PLUG (1'-0" AFF) LEVITON 27W48 CONNECTOR (RECEPTACLE) (1) 20A/1P DUPLEX & (1) 20A/1P ISOLATED GROUND DUPLEX (-1'-0" AFF)
311	METTLER TOLEDO HAND WRAP	20A/1P	115V/1P, 1000W	DROP CORD DUPLEX RECEPT 6'-6" A.F.F.
318	POWER SOAK SYSTEM	15A/3P	460V/3P, 11.6A	NEMA-4X MANUAL STARTER, MOUNT AT 48" A.F.F. DO NOT MOUNT ON SINK STAINLESS STEEL BACKSPLASH
413	HARDT, MERCHANDISER HOT CASE (ZONE B)	50A/2P	208V/1P, 7700W	DIRECT WIRING
415	ELOMA COMBI OVEN STACKED	50A/3P	208V/3P, 14.3KW	WALL MOUNTED OUTLETS +36" A.F.F. PROVIDE CORD AND PLUG
417	INFERNO OVEN	20A/1P	120V/1P, 7.5A EA	WALL MOUNTED DUPLEX OUTLET, +36" & +60" A.F.F. BOTTOM OVEN 6-11/8-11
418	CHICKEN ROTISSERIES OVEN HOOD	20A/1P	120V/1P, 9.2A	20A RECEPTACLE
424	GREASE CART (PUMP & HEATER)	30A/1P	208V/1P, 18.0A	WATERPROOF DROP CORDS. PROVIDE CORD & NEMA L6-30R @ 6'-6" AFF
426	BLAST CHILLER	30A/2P	208V/1P, 18.0A	20A RECEPTACLE
429	TOLEDO DELI SCALE & PRINTER	20A/1P	115V/1P	DROP CORD SINGLE ISOLATED GROUND OUTLET, 6'-6" A.F.F. DEDICATED CIRCUIT & GROUND. (FOR ROTISSERIE UNIT: CONNECT TO HOT CASE RECEPTACLE)
430	FP250 FOOD PROCESSOR	20A/1P	120V/1P, 8A	20A/1P, DROP CORD DUPLEX RECEPT, 6'-6" A.F.F.
463	SUSHI CUTTER	20A/1P	120V/1P, 140W	DROP CORD QUAD RECEPT 6'-6" A.F.F.
464	SUSHI ROLLER MAKING MACHINE	20A/1P	120V/1P, 80W	DROP CORD QUAD RECEPT 6'-6" A.F.F.
488	WASHWARE LINE	40A/3P	480V/3P, 30.1A	NEMA-4X MANUAL STARTER, MOUNT AT 48" A.F.F.

PROVIDE FLIP LIDS FOR ALL OUTLETS IN FRESHLINE AND FOOD SERVICE. LEVITON WM1V-GY, WM1D-SGY AND WP2G OR EQUAL.

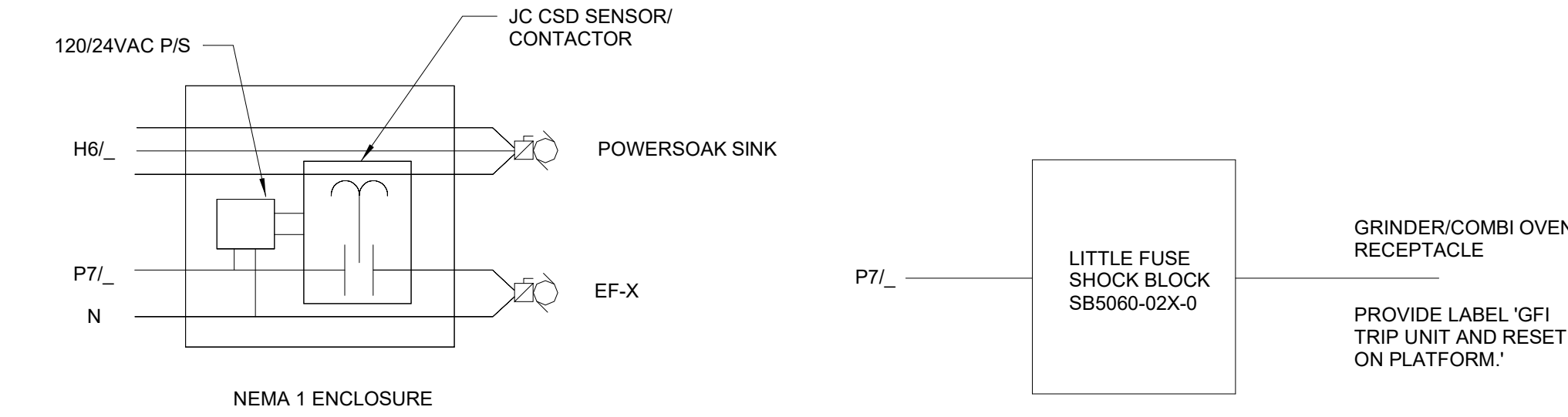
#	PLAN NOTES - E5
1	E.C. TO MAKE ALL CONNECTIONS TO THE FIRE SUPPRESSION SYSTEM FOR OVENS. PROVIDE POWER, CONDUITS, RELAY & WIRES AS REQUIRED FOR A COMPLETE SYSTEM, INCLUDING LOW VOLTAGE WIRING. COORDINATE WITH FIRE SUPPRESSION SYSTEM & FIRE ALARM SYSTEM CONTRACTOR. SEE FIRE ALARM SPECIFICATION.
2	E.C. TO PROVIDE SINGLE RECEPTACLE PLUG-IN WITH WATERTIGHT DEVICES EQUAL TO HUBBEL PIN AND SLEEVE WATERTIGHT DEVICES FOR DROP CORD. DO NOT USE WATERPROOF BOX FOR RECEPTACLE.
3	E.C. TO HARDWIRE FEEDER FOR RACK WASHER FROM DISCONNECT UP TO CEILING AND DROPPED TO RACK WASHER. PROVIDE CONDUIT SUPPORT PER CODE. ALLOW MINIMUM OF 3' CLEARANCE IN FRONT OF DISCONNECT SWITCH. E.C. TO MAKE FINAL CONNECTIONS TO RACK WASHER'S STEAM EXHAUST FAN.
4	E.C. TO MAKE FINAL CONNECTION TO PROOFER LIGHT. MOUNT THE PROOFER DISCONNECT ON WALL AS SHOWN.
5	E.C. TO PROVIDE BACK TO BACK DUPLEX RECEPTACLE EQUAL TO WOODHEAD 3000 SERIES.
6	E.C. TO PROVIDE EXTERNAL RELAY IN NEMA-1 ENCLOSURE TO CONTROL EXHAUST FAN. MAKE CONNECTIONS AS REQUIRED. SEE DETAIL 6/E-8 AND DETAIL 27/THIS SHEET.
7	E.C. TO VERIFY EXACT LOCATION WITH COSTCO PM FOR MEAT, BAKERY, ROTISSERIE AND DELI DROP CORDS TYP.
8	ALL ELECTRICAL EQUIPMENTS IN DISH PREP ROOM SHALL BE NEMA-4X.
9	E.C. MAKE ALL FINAL CONNECTIONS FOR POWER SOAK SINK EXHAUST. SEE DETAIL 3 THIS SHEET. PROVIDE JOHNSON CONTROLS CSD-CF01-1 CURRENT DEVICE AND S-Q-D CLASS 9070 TF50D23 STEP-DOWN TRANSFORMER IN NEMA-1 ENCLOSURE. PRIMARY DISCONNECT, PRIMARY AND SECONDARY FUSING (FBSA FOLDER, 1.5A PRIMARY FUSES, 2.0A SECONDARY FUSES) AND ALL LOW VOLTAGE WIRING. E.C. MAKE FINAL LOW VOLTAGE CONNECTIONS. MOUNT ENCLOSURE ON RECEIVING ELECTRICAL ROOM NEAR PANELS.
10	NO SURFACE MOUNTED CONDUIT IN FRESHLINE. REFRIGERATION TO COORDINATE WITH E.C. TO MOUNT CONDUIT EXTERIOR WALL OF FRESHLINE FACING EXTERIOR WALL OF BUILDING PRIOR TO INSTALLING WALL.
12	E.C. TO PROVIDE SHOCK BLOCK AND MOUNT ON PLATFORM AS SHOWN. SEE DETAIL 4 ON THIS SHEET. E.C. MAKE ALL FINAL CONNECTIONS AND PROVIDE ACCESSORIES AS REQUIRED.



DEMO ROOM LIGHTING
SCALE: 1/8" = 1'-0"



BAKERY KTF CONTROL DETAIL. TYP.
NO SCALE



MEAT/DELI/ROT PREP EF CONTROL DETAIL. TYP.
NO SCALE

GRINDER/COMBI OVEN GFI CONTROL DETAIL. TYP.
NO SCALE

GENERAL NOTES E-5:

ALL OUTLETS, J BOXES, DISCONNECT, ETC., IN ROTISSERIE, MEAT, BAKERY, CHICKEN PREP & DELI DEPARTMENTS SHALL BE WATERTIGHT TYPE. DROP CORD RECEPTABLES SHALL HAVE FLIP COVERS, WALL MOUNTED RECEPTABLES SHALL HAVE IN USE COVERS, EXCEPT AS NOTED. DROP CORD RECEPTABLES MOUNTING HEIGHT IS 6'-6" UNLESS OTHERWISE SPECIFIED.

ALL CONDUITS PENETRATING THE MEAT & DELI BOX ENVELOPE SHALL BE SEALED.

SEE EQUIPMENT SCHEDULE FOR MOUNTING HEIGHT FOR THE WALL MOUNTED EQUIPMENT.

PROVIDE KELLEM WIRE GRIPS ON BOTH ENDS FOR ALL OVERHEAD DROPS.

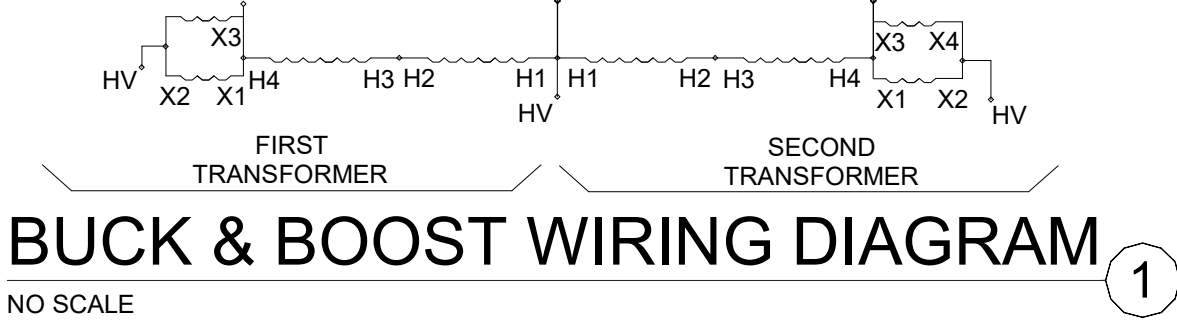
VERIFY EXACT LOCATION OF ALL OUTLETS, J-BOXES, DISCONNECTS, ETC. IN BAKERY, MEAT, DELI & CHICKEN ROTISSERIE DEPARTMENTS WITH OWNER BEFORE INSTALLING.

ELECTRICAL WORK FOR FREEZERS AND COOLERS PROVIDED & INSTALLED BY OWNER. (NOT INCLUDED IN BID), REFER TO REFRIGERATION DRAWINGS.

E.C. SHALL PROVIDE ELECTRICAL PANELS AND BREAKERS ONLY AS SHOWN ON DRAWINGS FOR FREEZERS AND COOLERS. REFRIGERATION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUITS, WIRES, RECEPTABLES, FIXTURES AND MOTOR CONNECTIONS AND THEIR INSTALLATIONS STARTING FROM THE BREAKERS. REFRIGERATION BY OWNER TYP.

E.C. SHALL PROVIDE MATCHING RECEPTACLE ON DROP CORD OR WALK-IN BAKERY, MEAT, DELI & ROTISSERIE DEPARTMENT TO MATCH EQUIPMENT PLUG.

E.C. MAKES ALL FINAL CONNECTIONS FOR ALL EQUIPMENT (MOTOR, FAN, STARTERS, ETC.)



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

PERMIT COMMENTS



IDPFR # 184005536
EXP: 04/30/2027

PROJECT STATUS: PERMIT COMMENTS 1

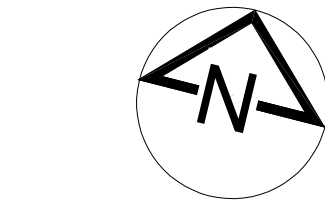
DATE DESCRIPTION

11/26/25 ISSUED FOR QA
12/2/25 ISSUED FOR PERMIT
12/2/25 ISSUED FOR BID
02/10/26 BID ADDENDUM 1
03/03/26 PERMIT COMMENTS 1 A

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NEW WAREHOUSE

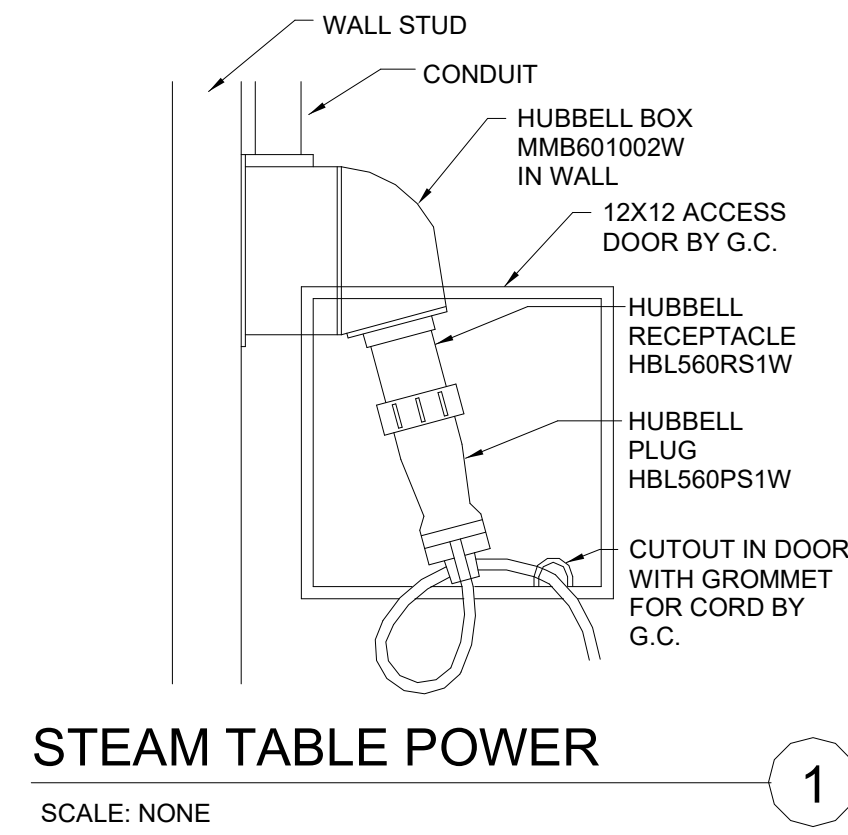
COSTCO
WHOLESALE



TEI #: 25-346
PM: MW
CHECKED BY: JGM
ISSUED: 03/03/26

FRESHLINE POWER & DEMO
ROOM LIGHTING PLAN,
EQUIPMENT LIST, DETAILS,
AND NOTES

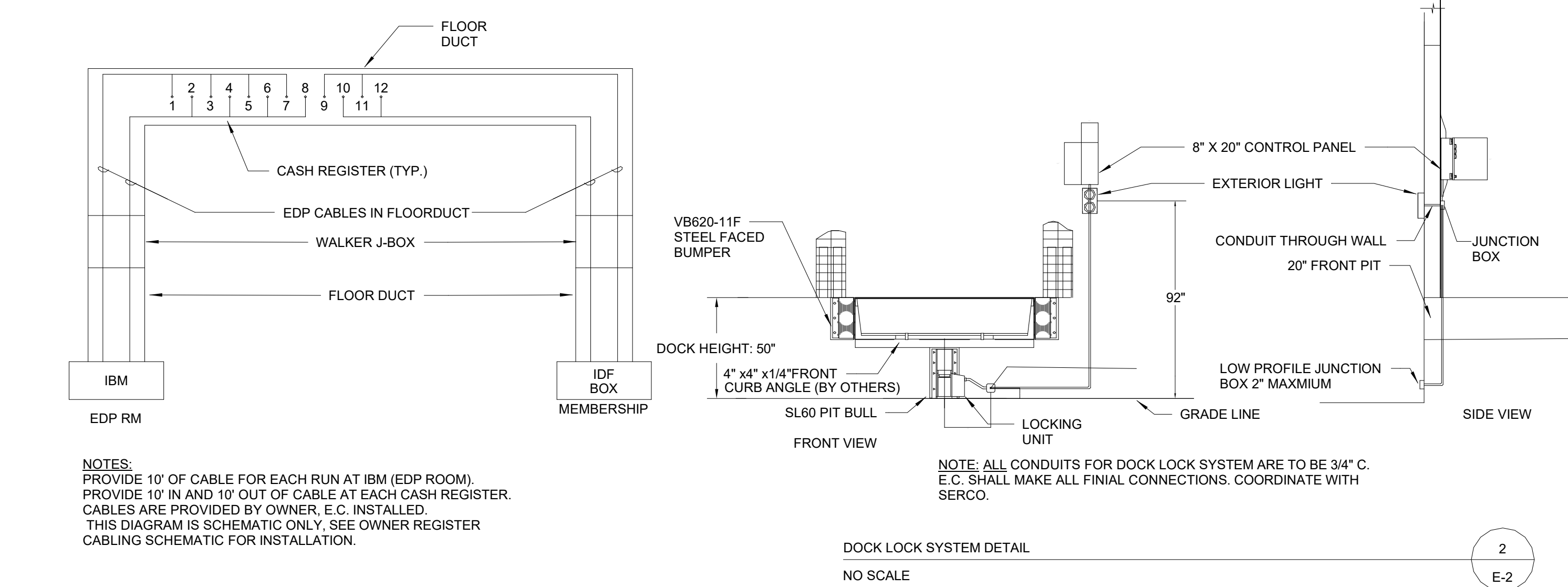
E-5



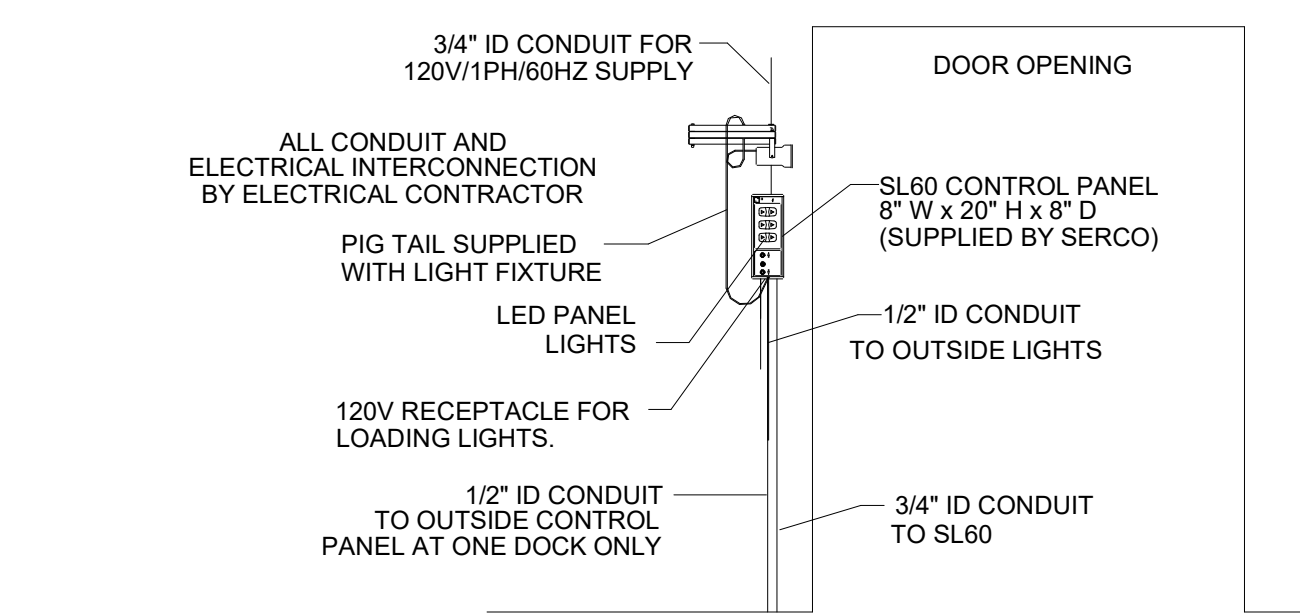
PROVIDE FLIP LIDS FOR ALL OUTLETS IN FRESHLINE AND FOOD SERVICE. LEVITON WM1V-GY, WM1D-SGY AND WP2G OR EQUAL

#	PLAN NOTES - E6
1	SEE ARCHITECT FOOD SERVICE DRAWINGS FOR LOCATION OF EQUIPMENT LAY OUT.
2	ALL CONDUTS PENETRATING THE WALK-IN COOLER SHALL BE SEALED.
3	PROVIDE MATCHING RECEPTACLES FOR ALL EQUIPMENT AS REQUIRED. VERIFY EXACT NEMA TYPE FROM THE EQUIPMENT SUPPLIER.
4	MAKE ALL FINAL CONNECTIONS FOR ALL EQUIPMENT.
5	ALL OUTLETS, J-BOXES, DISCONNECTS, ETC. IN FOOD SERVICE DEPARTMENT SHALL BE WATER TIGHT TYPE.
6	E.C. TO PROVIDE 60A, 4-POLE, 5 WIRE RECEPTACLES AND PLUGS. SEE DETAIL THIS SHEET.
7	E.C. TO MAKE ALL FINAL CONNECTIONS TO COX SENSOR SYSTEM. MOUNT COX SENSOR AT 12" MIN. MOUNT HORNSTROBE AND WARNING SHEET AT 67° C. MOUNT CENTRAL DISPLAY UNIT AT +60° C. TO INSTALL SENSOR, CENTRAL DISPLAY UNIT AND HORNSTROBES AND CABLES PER COX INSTRUCTIONS. PROVIDE 1/2" BORE HOLES FOR COX SENSORS. MAKE ALL FINAL CONNECTIONS. IF SENSOR COMES WITH CORD AND PLUG, PROVIDE WIP RECEPTACLE WITH IN-USE LOCKABLE METAL COVER. PROVIDE RCB RELAY AS REQUIRED FOR HOOK INTERLOCK.
8	E.C. TO MAKE ALL CONNECTIONS TO THE FIRE SUPPRESSION SYSTEM FOR OVENS. PROVIDE POWER, CONDUTS, RELAY & WIRES AS REQUIRED FOR A COMPLETE SYSTEM, INCLUDING LOW VOLTAGE WIRING. COORDINATE WITH FIRE SUPPRESSION SYSTEM & FIRE ALARM SYSTEM CONTRACTOR. SEE FIRE ALARM SPECIFICATION.
9	NO SURFACE MOUNTED CONDUT IN FOOD SERVICE. REFRIGERATION TO COORDINATE WITH E.C. MOUNT CONDUT EXTERIOR WALL OF FOOD SERVICE FACING EXTERIOR WALL OF BUILDING PRIOR TO INSTALLING WALL.

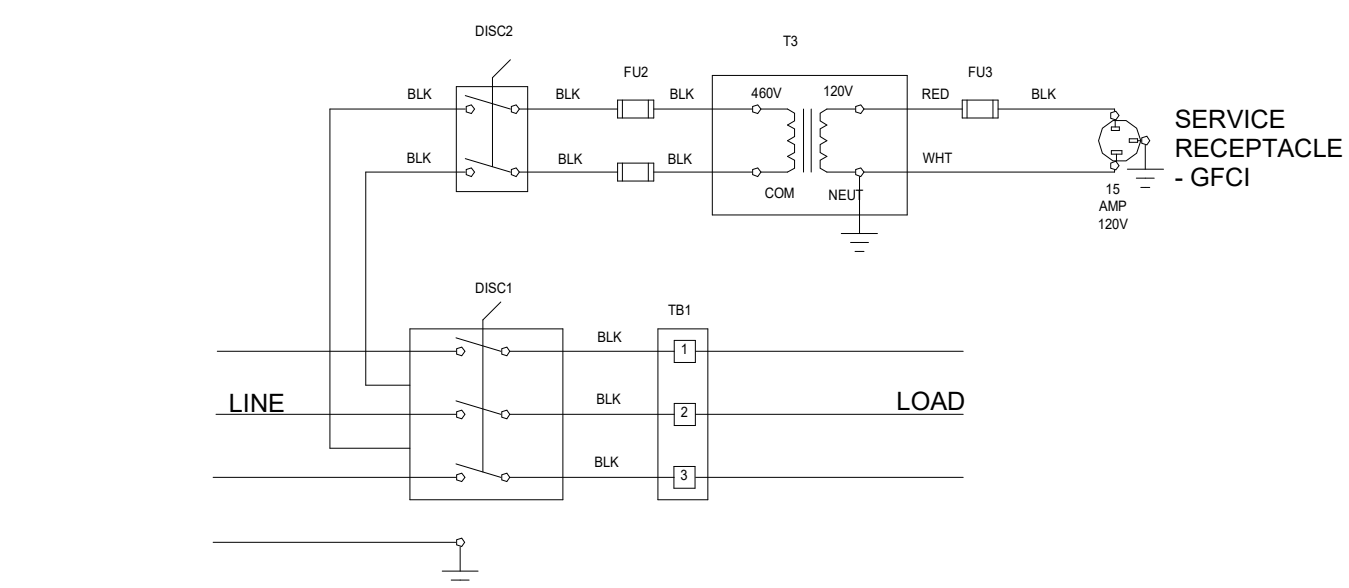
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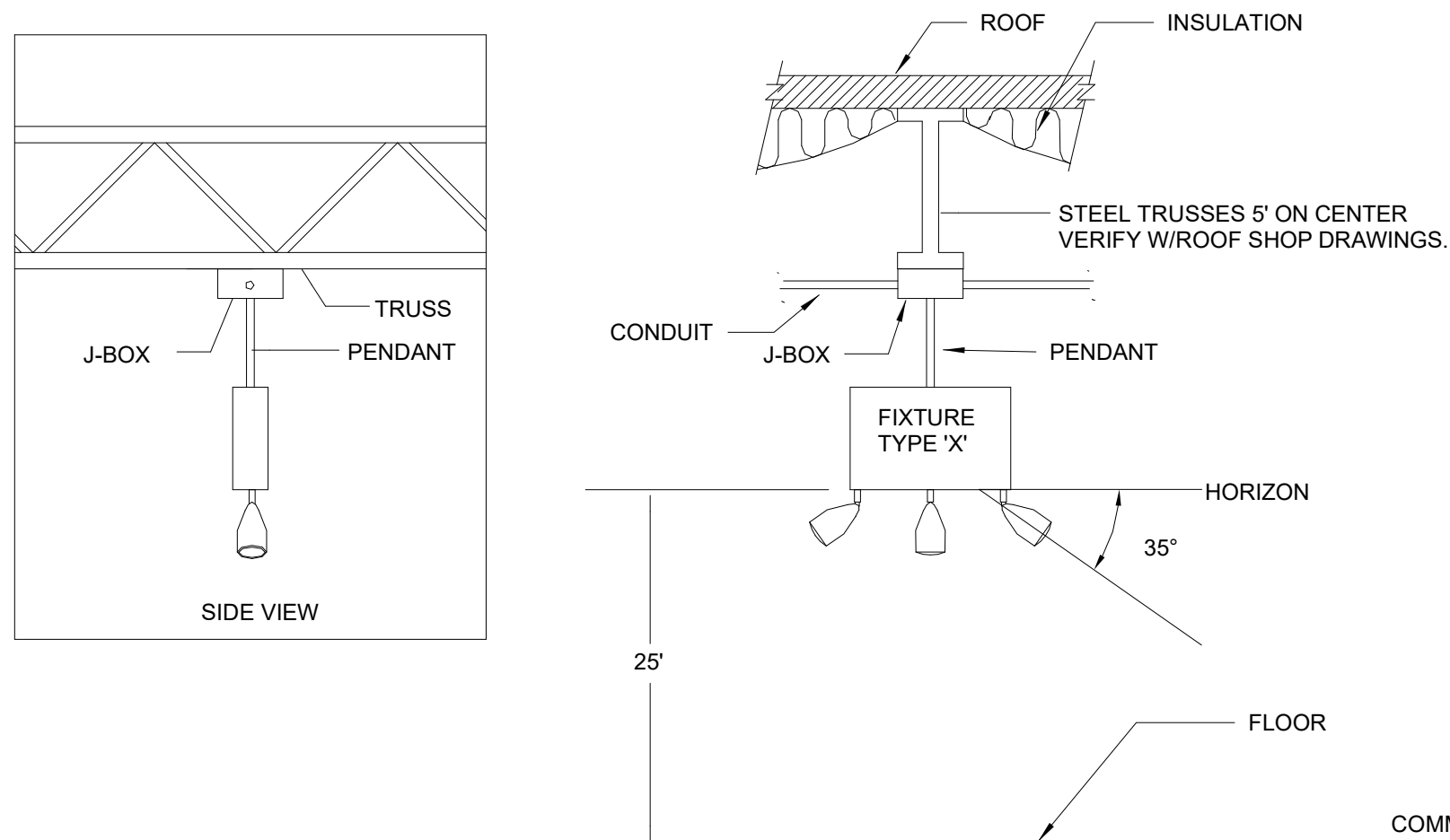
1
E-2



5
E-3

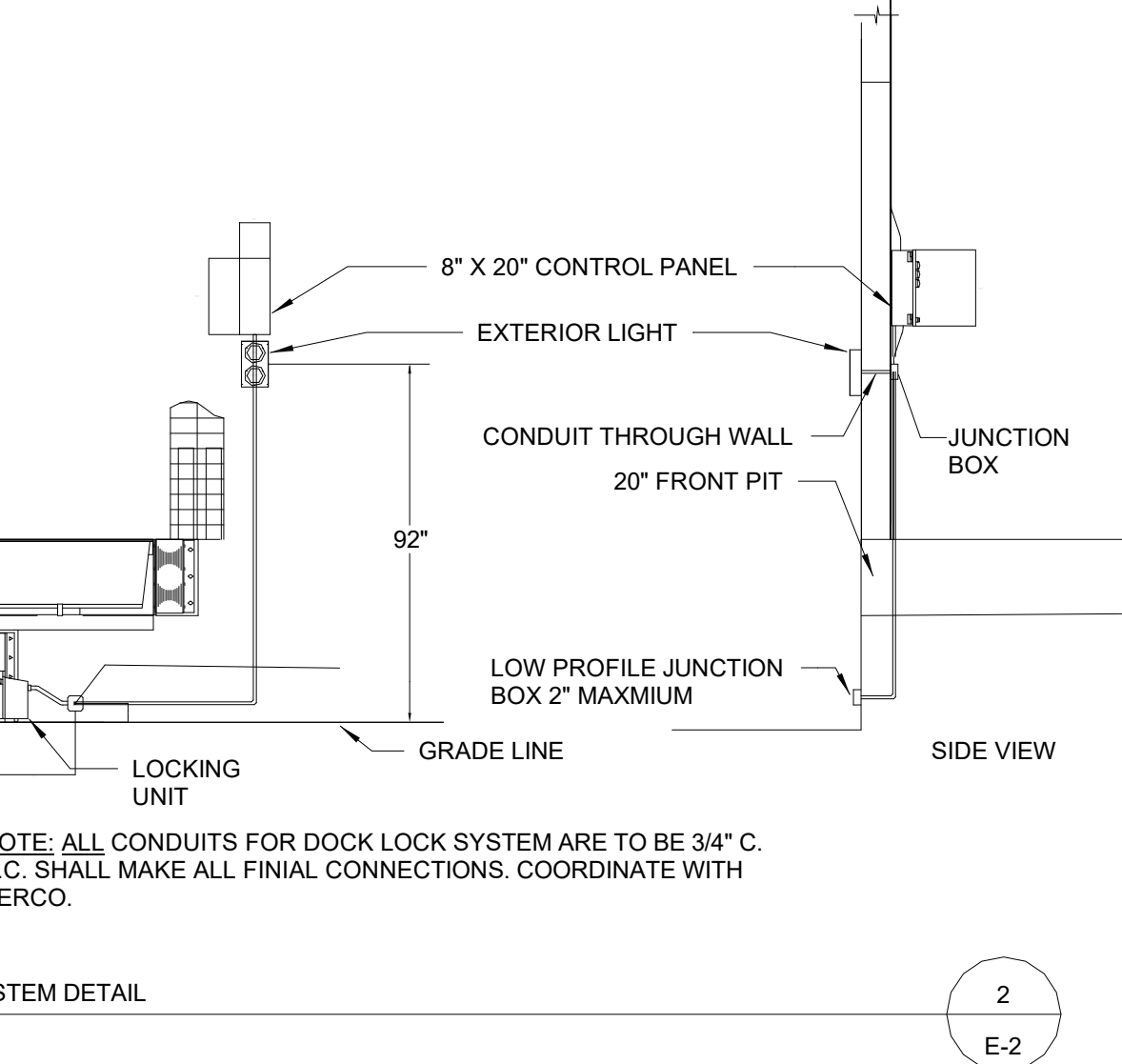


10
E-2

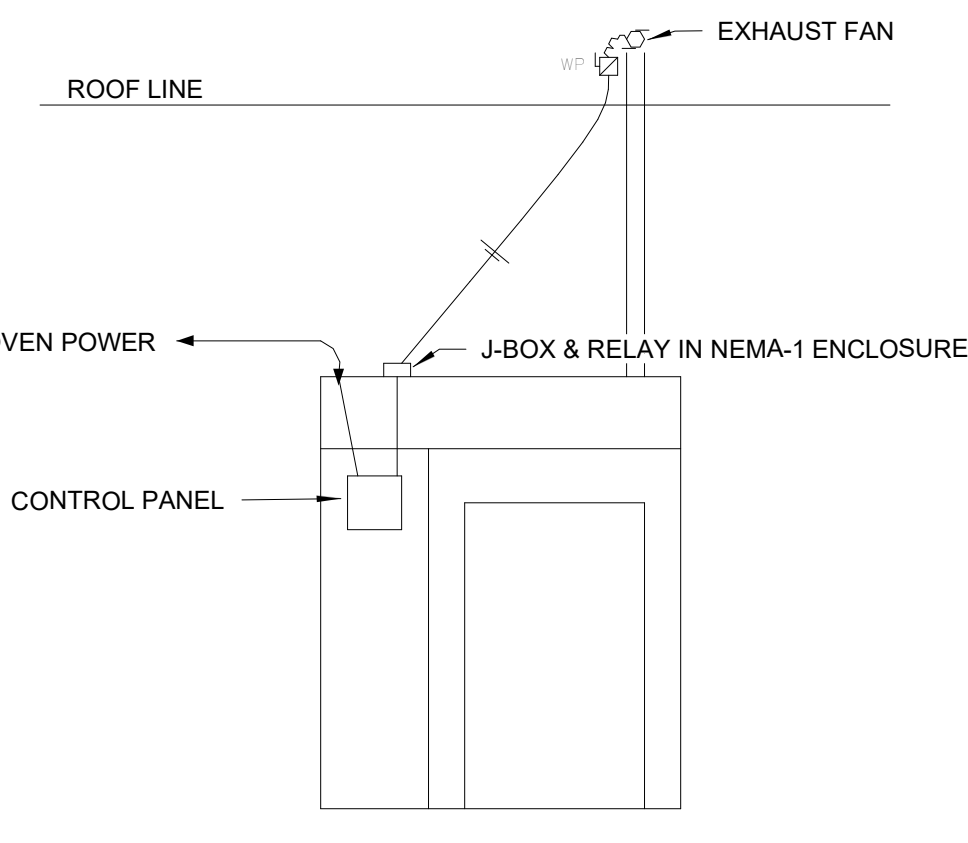


- NOTES:
1. IF ANY CONFLICTS OCCUR WITH TRUSSES, COORDINATE FIXTURE RELOCATION WITH ARCHITECT/ENGINEER.
 2. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MATERIALS NECESSARY FOR MOUNTING FIXTURE.
 3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT & WIRE BETWEEN LIGHT FIXTURE.
 4. PROVIDE PENDANT AS NEEDED TO MAINTAIN THE MOUNTING HEIGHT AT 25'-0" A.F.F.
 5. MOUNT FIXTURE W/ EMERGENCY HEADS PARALLEL TO EMERGENCY CORRIDOR.

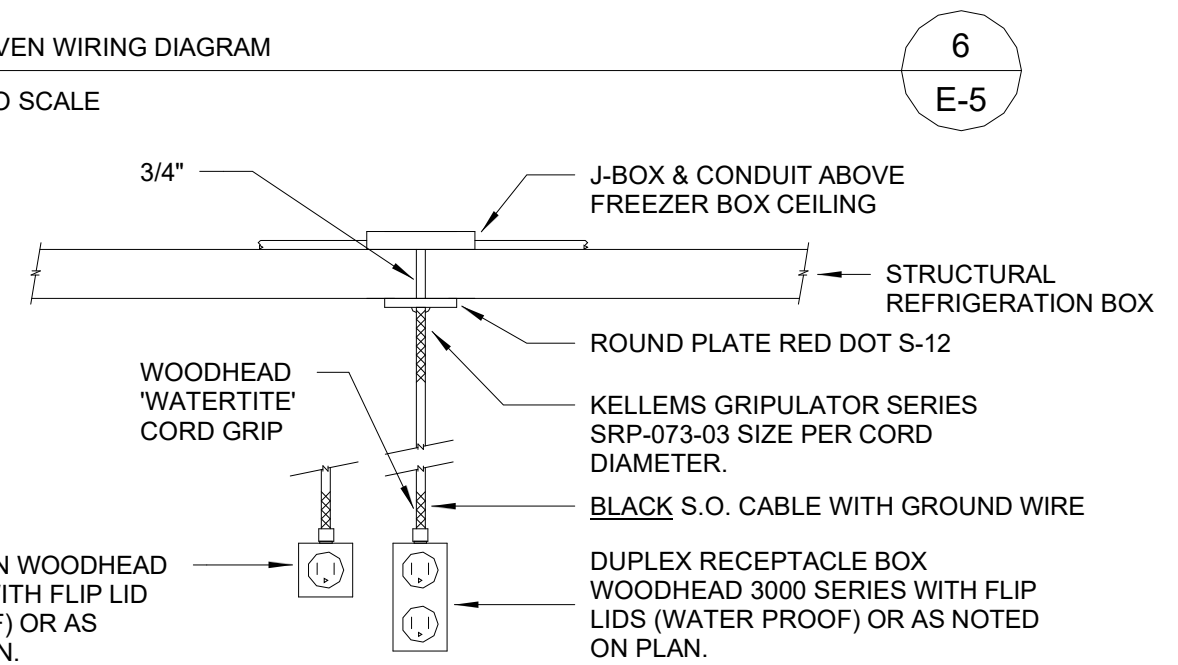
13
E-3



2
E-2

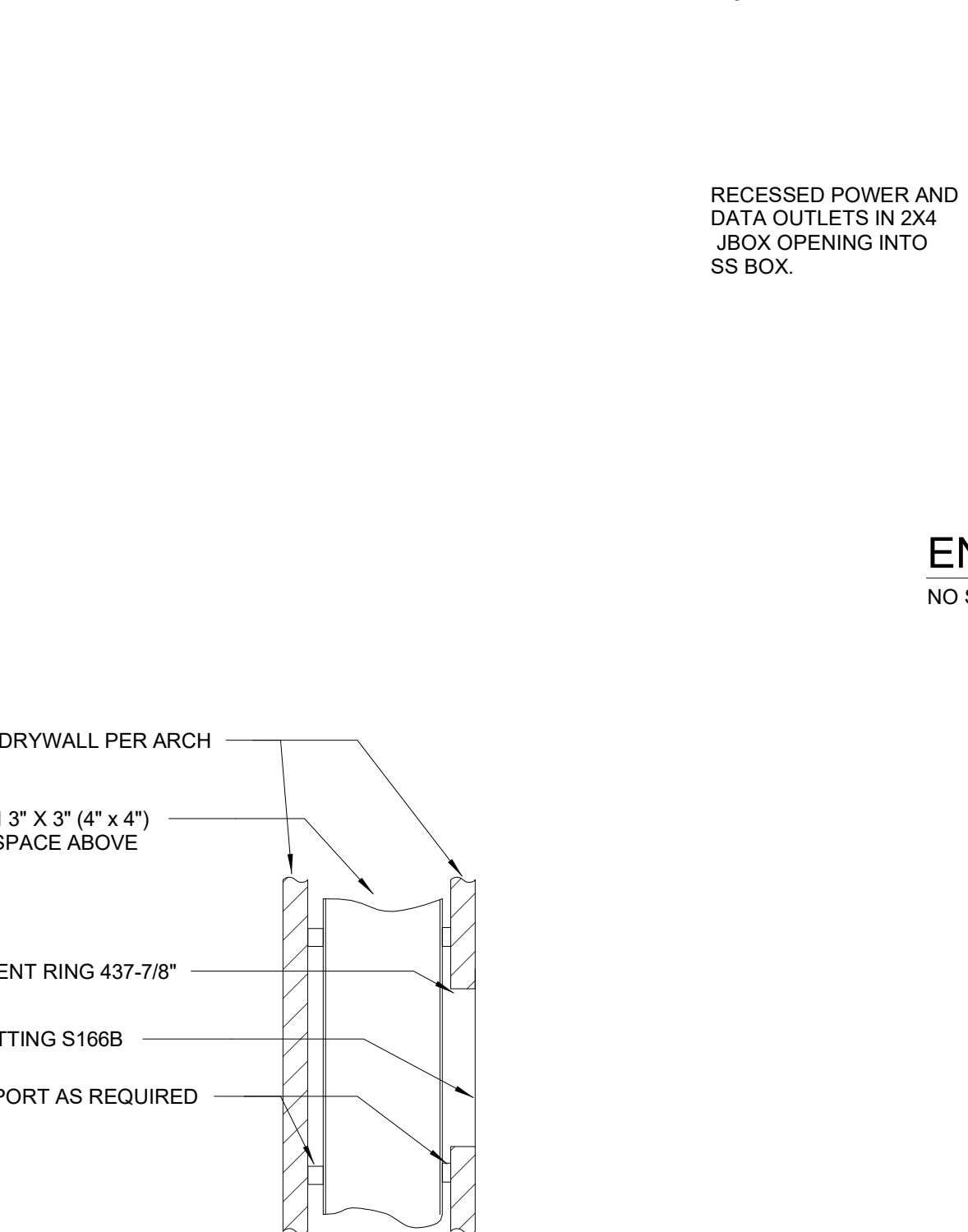


E.C. INSTALL & MAKE FINAL CONNECTIONS. FINAL CONNECTIONS AT CONTROL PANEL BY E.C. UNDER THE DIRECTION OF THE EQUIPMENT MANUFACTURER.



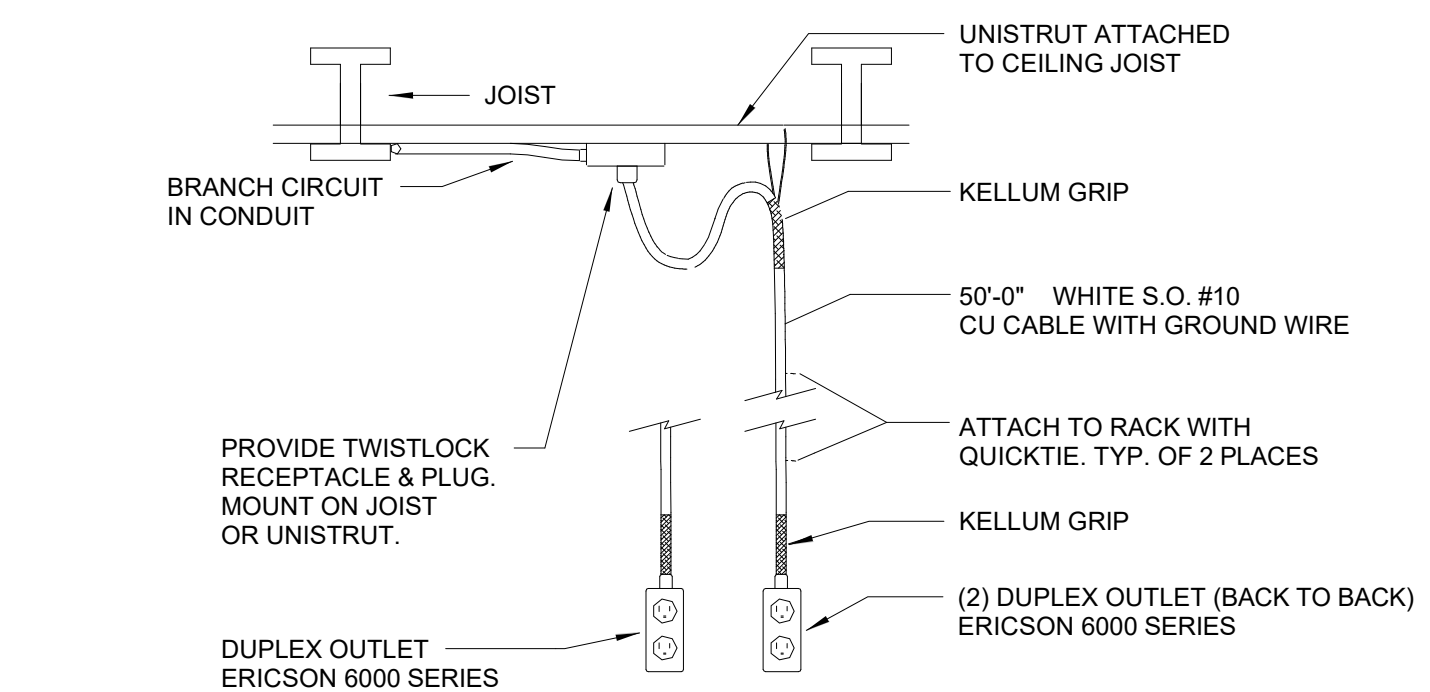
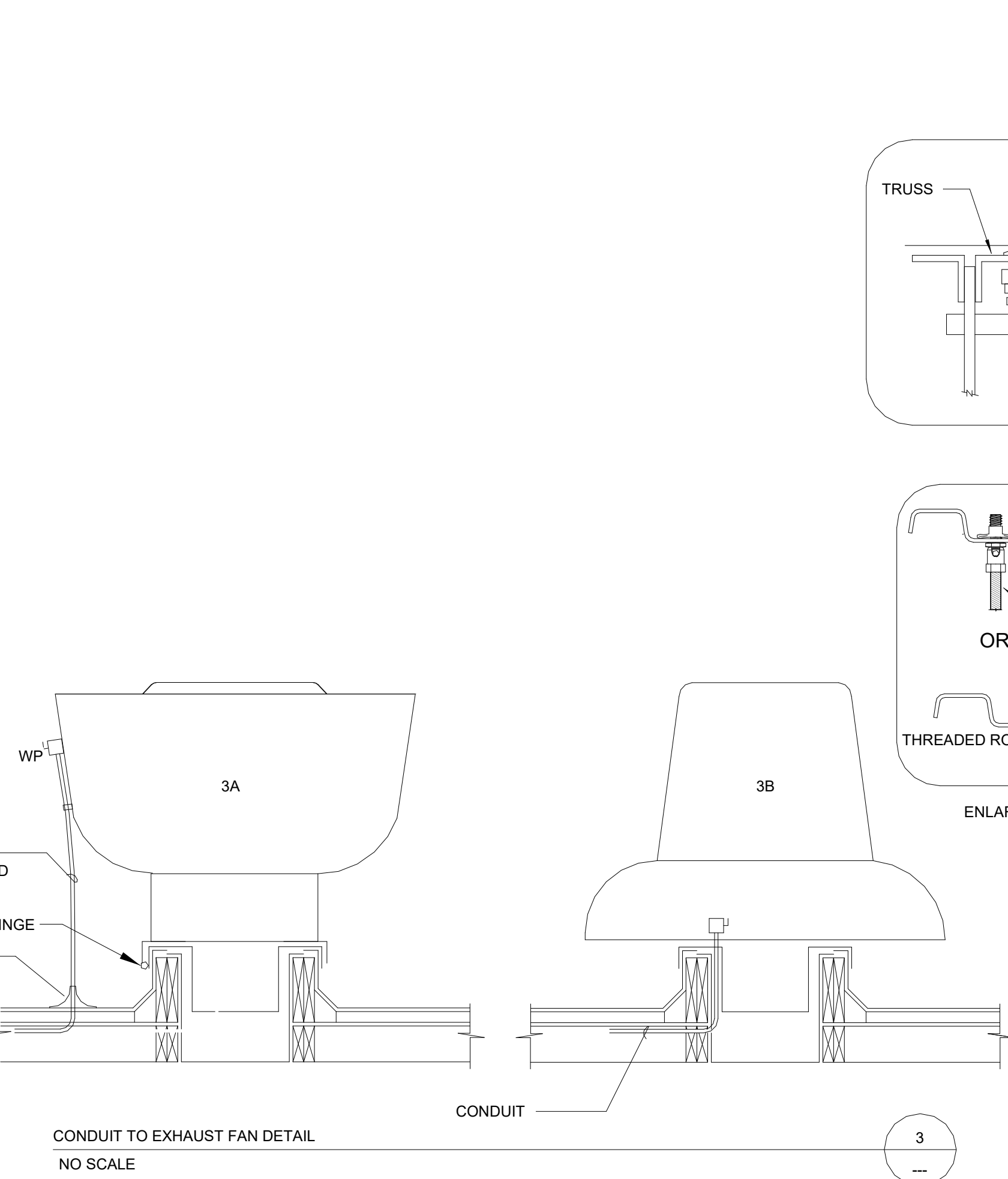
NOTE:
ALL OUTLETS SHALL BE OF THERMOPLASTIC (TPE). VERIFY WITH LOCAL JURISDICTION IF THE BOX IS ACCEPTABLE. IF NOT, CONTACT ENGINEER TO SUBSTITUTE W/ MALLEABLE IRON METAL BOX. MANUFACTURER BY WOODHEAD OR EQUAL. WATERPROOF COVER.

8
E-5



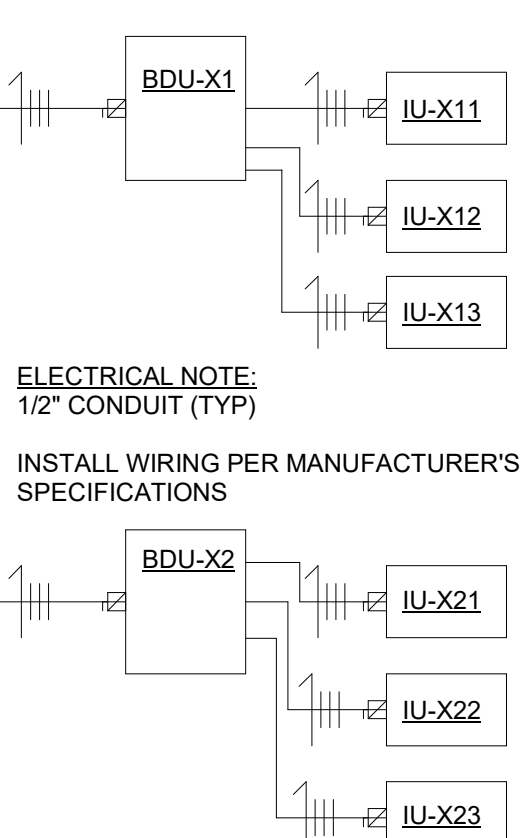
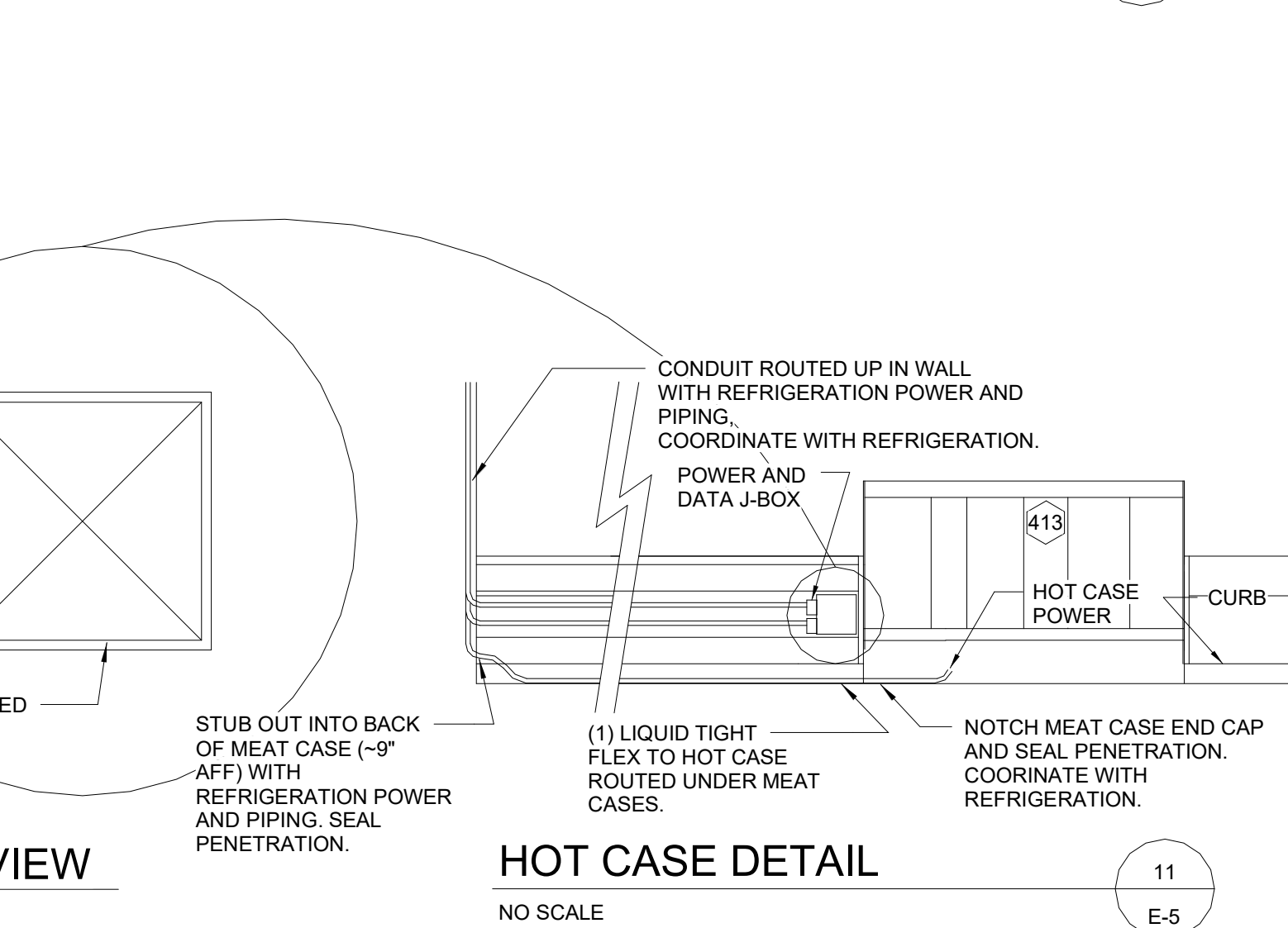
NOTE: THIS DETAIL IS TYPICAL FOR ALL ACCESS PENETRATIONS TO WIREWAY. HEIGHT OF PENETRATIONS ARE SPECIFIED ON PLAN. AN ADDITIONAL PENETRATION AT 6'-0" (IN CEILING SPACE) IS TYPICAL FOR ALL CHASES - NO COVERPLATE NEEDED FOR CEILING SPACE PENETRATION.

15
E-4



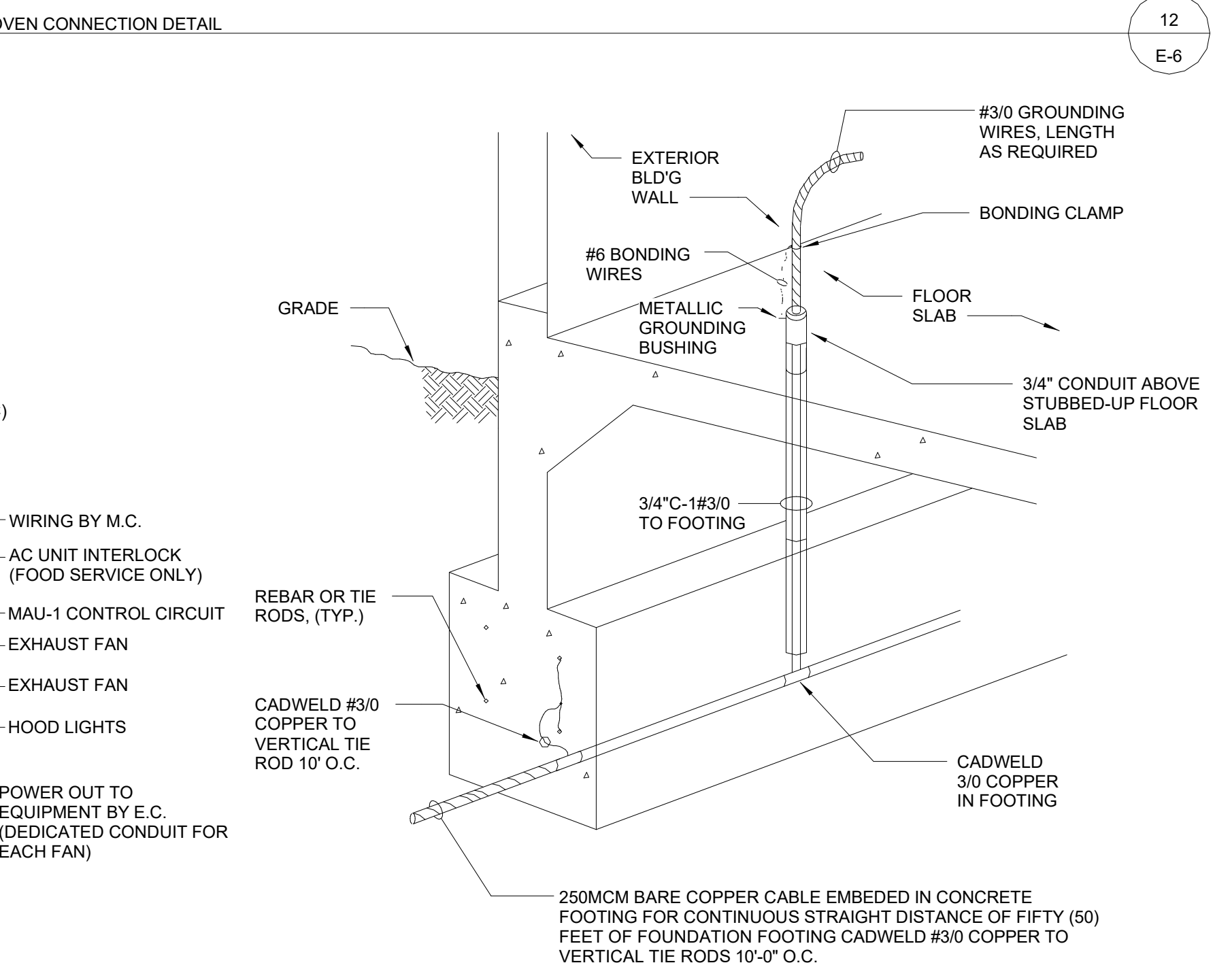
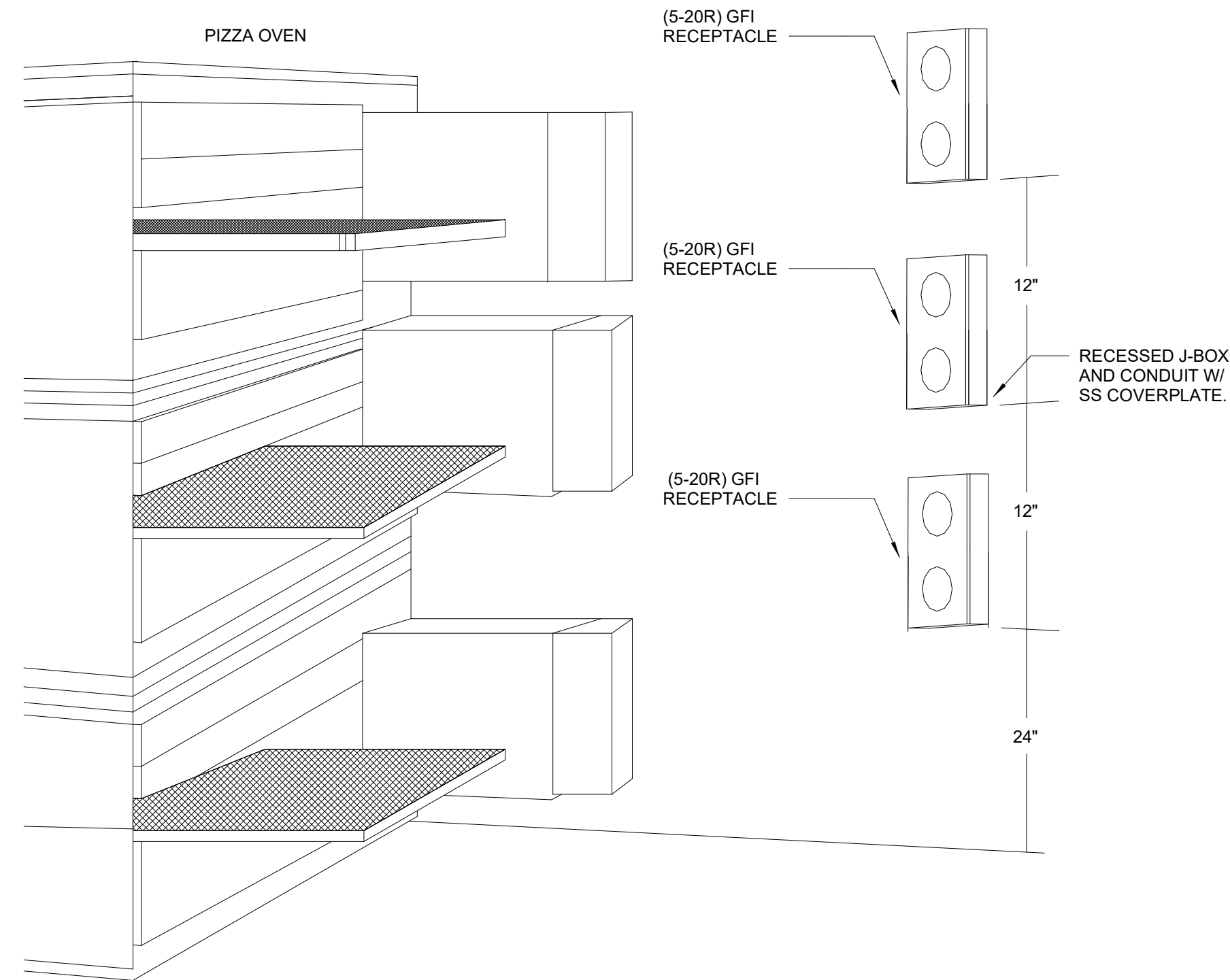
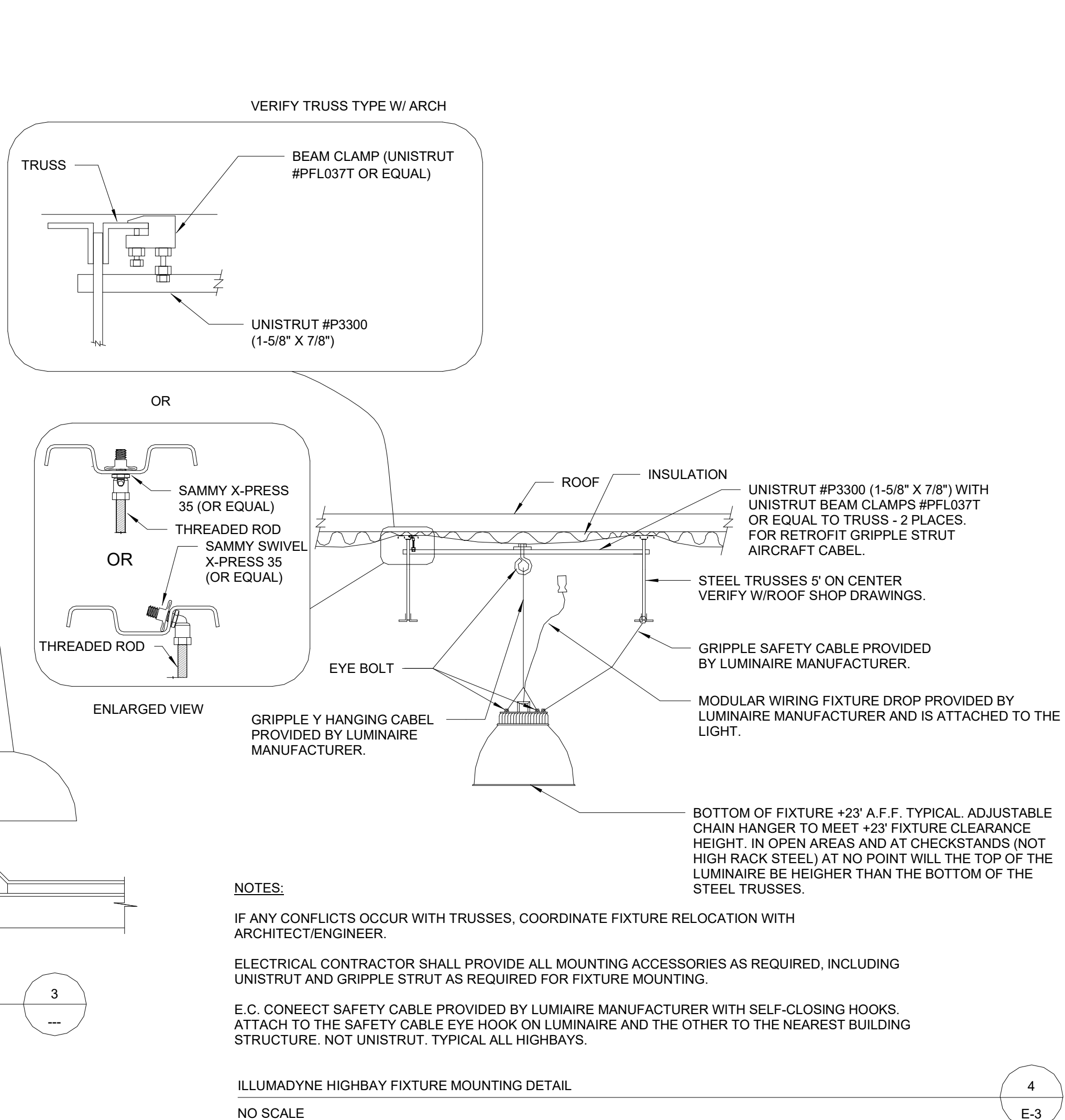
NOTE:
ALL OUTLETS SHALL BE OF THERMOPLASTIC (TPE). VERIFY WITH LOCAL JURISDICTION IF THE BOX IS ACCEPTABLE. IF NOT, CONTACT ENGINEER TO SUBSTITUTE W/ MALLEABLE IRON METAL BOX. MANUFACTURER BY ERICSON OR EQUAL.

7
E-2



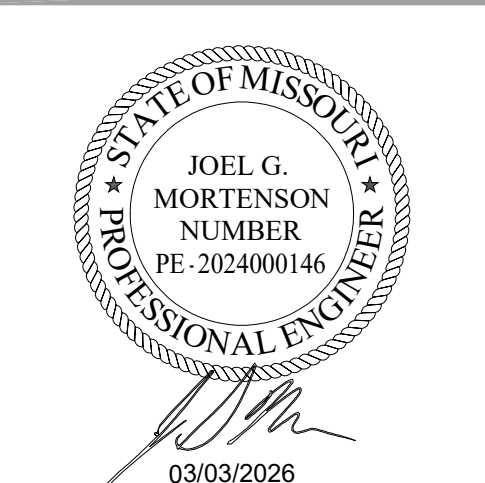
14
E-2

16
E-5



17
E-1

PERMIT COMMENTS



IDFPR # 184005536
EXP: 04/30/2027

PROJECT STATUS: PERMIT COMMENTS 1

DATE DESCRIPTION

11/26/25 ISSUED FOR QA
12/2/25 ISSUED FOR PERMIT
12/2/25 ISSUED FOR BID
02/10/26 BID ADDENDUM 1
03/03/26 PERMIT COMMENTS 1 A

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NEW WAREHOUSE

LEES SUMMIT, MO



TEI #: 25-346
PM: MW
CHECKED BY: JGM
ISSUED: 03/03/26

ELECTRICAL DETAILS

BRANCH PANEL: H1				VOLTS: 480/277 Wye				A.I.C. RATING: 65K SERIES MIN.				
SUPPLY FROM: MOUNTING: IPC				PHASES: 3				MAINS TYPE: MLO				
LIGHTING				WIRES: 4				MAINS RATING: 225 A				
PANEL TYPE: SGO-D NF-PL CU BUS												
#	Circuit Description	Tripp	P	A	B	C	P	Tripp	Circuit Description	#		
1	—UNUSABLE SPACE—	20 A	1	—	2.28			1	20 A	PARKING LIGHTING ***	2	
3	MEAT COOLER LIGHTING ***	20 A	1	—	0.83	3.74		1	20 A	PARKING LIGHTING ***	4	
5	—UNUSABLE SPACE—	20 A	1	—			1.79	1	20 A	PARKING LIGHTING (SHARED DRIV. SPARE)*	6	
7	DEBUSH PREP LIGHTING ***	20 A	1	2.02	0			1	20 A	SPARE**	8	
9	—UNUSABLE SPACE—	20 A	1	—	0			1	20 A	SPARE**	10	
11	ROTISSERIE/TOSSERIE PREP.	20 A	1	—			0.83	0	1	20 A	SPARE**	12
13	—UNUSABLE SPACE—	20 A	1	—	0			1	20 A	SPARE**	14	
15	MEAT PREP LIGHTING ***	20 A	1	—	0.83	0		1	20 A	SPARE**	16	
17	—UNUSABLE SPACE—	20 A	1	—			1.54	1	20 A	SPARE**	18	
19	POS COOLER LIGHTING ***	20 A	1	0.36	—			1	20 A	MSB PLTRM R&DEMOM RM LIT ***	20	
21	—UNUSABLE SPACE—	20 A	1	—	2.48			1	20 A	—UNUSABLE SPACE—	22	
23	POS FREEZER #1 & #2 LIGHTING ***	20 A	1	—			0.72	—	1	20 A	BAKERY LIGHTING ***	24
25	—UNUSABLE SPACE—	20 A	1	—	1.5			1	20 A	—UNUSABLE SPACE—	26	
27	DIARY COOLER LIGHTING ***	20 A	1	1.44	1.07			1	20 A	FRESHLINE DISPLAY ***	28	
29	—UNUSABLE SPACE—	20 A	1	—			0.61	1	20 A	—UNUSABLE SPACE—	30	
31	PRODUCOE COOLER LIGHTING ***	20 A	1	1.69	—			1	20 A	BAKERY COOLER/FRZR LIGHTING ***	32	
33	SPRACE	—	1	—	1.08			1	20 A	SIGN LIGHTING ***	34	
35	SPRACE	—	1	—			0.81	1	20 A	EXTERIOR LIGHTING ***	36	
37	SPRACE	—	2.17					1	20 A	MECHAL ROOM LIGHTING ***	38	
39	EMERGENCY LIGHTING *	20 A	1	0.74	—			1	20 A	—UNUSABLE SPACE—	40	
41	SALES LIGHTING	20 A	1	—		1.3	2.6	1	20 A	RECEIVING AREA LIGHTING	42	
43	SALES LIGHTING	20 A	1	0.52	—			1	20 A	—UNUSABLE SPACE—	44	
45	SALES LIGHTING	20 A	1	—	0.52	—		1	20 A	SPRACE	46	
47	SALES LIGHTING	20 A	1	—		2.47	—	1	20 A	—UNUSABLE SPACE—	48	
49	SALES LIGHTING	20 A	1	2.73	0			1	20 A	SPARE	50	
51	SALES LIGHTING	20 A	1	2.99	0			1	20 A	SPARE	52	
53	SALES LIGHTING	20 A	1			2.6	0	1	20 A	SPARE	54	
55	SALES LIGHTING	20 A	1	2.47	3.77			3	25 A	F.I. BATTERY CHARGER	56	
57	SALES LIGHTING	20 A	1		2.73	3.77			3	25 A	F.I. BATTERY CHARGER	58
59	SALES LIGHTING	20 A	1			2.6	3.77				60	
61	SALES LIGHTING	20 A	1	2.6	3.77						62	
63	SALES LIGHTING	20 A	1		2.73	3.77			3	25 A	F.I. BATTERY CHARGER	64
65	SALES LIGHTING	20 A	1			2.73	3.77				66	
67	SPRACE	—	1	—	1						68	
69	SPRACE	—	1	—	1				3	15 A	ENERGY MONITORING	70
71	SPRACE	—	1	—							72	
TOTAL LOAD:				24.7 kVA	26.2 kVA	27.4 kVA						
TOTAL AMPS:				89 A	96 A	100 A						
PANEL TOTALS												
TOTAL CONN. LOAD: 78.3 kVA												
TOTAL EST. DEMAND: 91.5 kVA												
TOTAL CONN. CURRENT: 91 A												
TOTAL EST. DEMAND CURRENT: 196 A												
NOTES: PROVIDE LABEL PER NEC 110.22												
* PROVIDE LOCK-IN DEVICE & MARK "LEAVE ON"												
** POWER LINE BREAKER. SEE LIGHTING CONTROL SCHEDULE FOR CONTROL SEQUENCE.												
*** POWER/LINE EMERGENCY BREAKER (GSEL). SEE LIGHTING CONTROL SCHEDULE FOR CONTROL SEQUENCE.												

BRANCH PANEL: H2				VOLTS: 480/277 VV				A.I.C. RATING: 14K MIN					
SUPPLY FROM: MDP				PHASES: 3				MAINS TYPE: MLO					
MOUNTING: IPC				WIRES: 4				MANS RATING: 225 A					
LIGHTING								PANEL TYPE: SOD NF-PL CU BUS					
#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#			
1	SALES LIGHTING	20 A	1	2.86	1.8			1	20 A	FOOD SERVICE LIGHTING ***	2		
3	SALES LIGHTING	20 A	1			2.86	--	1	--	UNUSABLE SPACE ---	4		
5	SALES LIGHTING	20 A	1				2.73	2.18	1	20 A	OFFICE LIGHTING ***	6	
7	SALES LIGHTING	20 A	1	2.6	--				1	--	UNUSABLE SPACE ---	8	
9	SALES LIGHTING	20 A	1			2.86	1.54		1	20 A	PHARMACY & OPTICAL LIGHTING ---	10	
11	SALES LIGHTING	20 A	1					2.86	--	1	20 A	UNUSABLE SPACE ---	12
13	SALES LIGHTING	20 A	1	2.47	2.78				1	20 A	PARKING LIGHTING **	14	
15	SALES LIGHTING	20 A	1			2.73	2.78		1	20 A	PARKING LIGHTING **	16	
17	SALES LIGHTING	20 A	1					2.86	2.67	1	20 A	PARKING LIGHTING **	18
19	SALES LIGHTING	20 A	1	2.47	3.01				1	20 A	PARKING LIGHTING **	20	
21	SALES LIGHTING	20 A	1			2.73	0		1	20 A	SPARE	22	
23	SALES LIGHTING	20 A	1				2.47	0	1	20 A	SPARE **	24	
25	SPARE	20 A	1	0	0.63				1	20 A	CANOPY LIGHTING **	26	
27	SPARE	20 A	1		0	1.75	0		1	20 A	CANOPY LIGHTING **	28	
29	SPARE	20 A	1				0	0	1	20 A	SPARE	30	
31				1	0.66				1	20 A	SIGN LIGHTING **	32	
33	ENERGY MONITORING	15 A	3			1	1.14		1	20 A	EXTERIOR LIGHTING **	34	
35								1	--	1	--	SPARE	36
37	TIRE SALES LIGHTING	20 A	1	2.01	--					1	SPARE	38	
39	TIRE INSTALL LIGHTING	20 A	1			2.48	--			1	--	SPARE	40
41	EMERGENCY LIGHTING *	20 A	1				0.69	1.31	1	20 A	BREAK ROOM LIGHTING	42	
TOTAL LOAD:				22.3 KA				21.9 KA					
TOTAL AMPS:				82 A				81 A					
								69 A					

PANEL TOTALS

TOTAL CONN. LOAD: 63.1 kVA

TOTAL EST. DEMAND: 78.2 kVA

TOTAL CONN. CURRENT: 76 A

TOTAL EST. DEMAND CURRENT: 94 A

NOTES:

- ** PROVIDE LOCK IN DEVICE & MARK "LEAVE ON".
- ** POWERLINK BREAKER. SEE LIGHTING CONTROL SCHEDULE FOR CONTROL SEQUENCE
- ** POWERLINK EMERGENCY (GSEL). SEE LIGHTING CONTROL SCHEDULE FOR CONTROL SEQUENCE.

BRANCH PANEL: H3

SUPPLY FROM: MDP

MOUNTING: IPC

MISC

VOLTS: 480/277 Vlye

PHASES: 3

WIRES: 4

A.I.C. RATING: 65K SERIES MIN.

MAINS TYPE: MLO

MAINS RATING: 400 A

PANEL TYPE: SO-D NF CU BUS

#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#	
3	GAS COOLER A	25 A	3	5.83 11.47	5.83 11.47	5.83 11.47	3	60 A	460V FAN CONTROL PANEL	2	
7				5.83 --	5.83 --	5.83 11.47	1	--	SPACE	4	
7							1	--	SPACE	6	
13	GAS COOLER B	25 A	3	5.83 --	5.83 --	5.83 --	1	--	SPACE	8	
17							1	--	SPACE	10	
17				11.34 11.34	11.34 11.34	11.34 11.34	3	50 A	DELISUSH PREP AHU HEAT	12	
15	MEAT/ROTISSERIE PREP AHU REHEAT	50 A	3							14	
19				4.43 4.43	4.43 4.43	4.43 4.43	3	20 A	DELISUSH PREP AHU FAN	16	
21	MEAT/ROTISSERIE PREP AHU FAN	20 A	3							18	
23				2.99 0.72	2.99 0.72	2.99 0.72	3	15 A	DELISUSH PREP AHU PUMP SKID	20	
25										22	
27	POS FRZ AIR CURTAIN	20 A	3							24	
29				2.99 1.7	2.99 1.7	2.99 1.7	3	15 A	IRRIGATION PUMP	26	
31										28	
33	PO2 FRZ AIR CURTAIN	20 A	3							30	
35				2.99 1.7	2.99 1.7	2.99 1.7	3	15 A	WATER BOOSTER PUMP	32	
37										34	
39	BAK FREEZER AIR DOOR	20 A	3							36	
41				67.8 kVA	67.8 kVA	67.8 kVA	3	15 A		40	
TOTAL LOAD:				245 A	245 A	245 A					
TOTAL AMPS:											
PANEL TOTALS											
TOTAL CONN. LOAD:										203.3 kVA	
TOTAL EST. DEMAND:										203.3 kVA	
TOTAL CONN. CURRENT:										245 A	
TOTAL EST. DEMAND CURRENT:										245 A	

NOTES: PROVIDE LABEL PER NEC 110.22

E.C. SHALL VERIFY ALL BREAKER SIZES WITH FREEZER/COOLER CONTRACTOR BEFORE INSTALLATION.

PANEL SCHEDULE NOTES:

PROVIDE BREAKER HANDLE TIES AS REQUIRED TO COMPLY WITH NEC, ARTICLE 210.4. HANDLE TIES TO BE INSTALLED FOR BREAKERS ON CIRCUITS SHARING ONE NEUTRAL CONDUCTOR.

BRANCH PANEL: #4				VOLTS: 480/277 Wye				A.I.C. RATING: 65K SERIES MIN.			
SUPPLY FROM: MDP				PHASES: 3				MAINS TYPE: MLO			
MOUNTING: IPC				WIRES: 4				MAINS RATING: 400 A			
MISC								PANEL TYPE: S-Q-D NF CU BUS			
#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#	
1				7.16	2.8			3		2	
3	CARDBOARD BALER	60 A	3		7.16	2.8		3	15A	4	
5				7.16	--			1	--	6	
7				7.16	--			1	--	8	
9	PLASTIC BALER	60 A	3		7.16	--		1	--	10	
11						7.16	--	1	--	12	
13				3.77	--			1	--	14	
15	F.L BATTERY CHARGER	25 A	3		3.77	--		1	--	16	
17						3.77	--	1	--	18	
19				3.77	3.88			3	30A	20	
21	F.L BATTERY CHARGER	25 A	3		3.77	3.88			COMPACTOR	22	
23						3.77	3.88			24	
25				3.77	3.88			3	30A	26	
27	F.L BATTERY CHARGER	25 A	3		3.77	3.88			COMPACTOR	28	
29						3.77	3.88			30	
31				3.77	3.05			3	15A	32	
33	F.L BATTERY CHARGER	25 A	3		3.77	3.05			RIDE-ON SCRUBBER CHARGER	34	
35						3.77	3.05	1	--	36	
37				3.77	--			1	--	38	
39	F.L BATTERY CHARGER	25 A	3		3.77	--		1	--	40	
41						3.77	--	1	--	42	
TOTAL LOAD:				46.8 kVA	46.8 kVA	46.8 kVA					
TOTAL AMPS:				169 A	169 A	169 A					
PANEL TOTALS											
TOTAL CONN. LOAD:									140.3 kVA		
TOTAL EST. DEMAND:									140.3 kVA		
TOTAL CONN. CURRENT:									169 A		
TOTAL EST. DEMAND CURRENT:									169 A		
NOTES: PROVIDE LABEL PER NEC 110.22											

BRANCH PANEL: H5

SUPPLY FROM: MDP

MOUNTING: IPC

MISC

VOLTS: 480/277 Vye

PHASES: 3

WIRES: 4

A.I.C. RATING: 2Kk SERIES MIN.

MAINS TYPE: MLO

MAINS RATING: 100 A

PANEL TYPE:

#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#	
1	TRANSFORMER T3 (45-KVA) / PANEL C	70 A	3	12.08	6.3			3	30 A WASHWARE LINE	4	
2		--	1	--	--	7.98	6.3	1	-- SPACE	5	
3	SPACE	--	1	--	--	--	--	1	-- SPACE	6	
4	SPACE	--	1	--	--	--	--	1	-- SPACE	7	
5	SPACE	--	1	--	--	--	--	1	-- SPACE	8	
6	SPACE	--	1	--	--	--	--	1	-- SPACE	9	
7	SPACE	--	1	--	--	--	--	1	-- SPACE	10	
8	SPACE	--	1	--	--	--	--	1	-- SPACE	11	
9	SPACE	--	1	--	--	--	--	1	-- SPACE	12	
10	SPACE	--	1	--	--	--	--	1	-- SPACE	13	
11	SPACE	--	1	--	--	--	--	1	-- SPACE	14	
12	SPACE	--	1	--	--	--	--	1	-- SPACE	15	
13	SPACE	--	1	--	--	--	--	1	-- SPACE	16	
14	SPACE	--	1	--	--	--	--	1	-- SPACE	17	
15	SPACE	--	1	--	--	--	--	1	-- SPACE	18	
16	SPACE	--	1	--	--	--	--	1	-- SPACE	19	
17	SPACE	--	1	--	--	--	--	1	-- SPACE	20	
TOTAL LOAD:				18.4 kVA	17.4 kVA	14.3 kVA					
TOTAL AMP:				68 A	65 A	52 A					
PANEL TOTALS											
								TOTAL CONN. LOAD: 50.1 kVA			
								TOTAL EST. DEMAND: 48.3 kVA			
								TOTAL CONN. CURRENT: 60 A			
								TOTAL EST. DEMAND CURRENT: 58 A			

NOTES:

BRANCH PANEL: H6

SUPPLY FROM: MDP

MOUNTING: IPC

HVAC

VOLTS: 480/277 Vye

PHASES: 3

WIRES: 4

A.I.C. RATING: 65K FULLY MIN.

MAINS TYPE: MLO

MAINS RATING: 800A

PANEL TYPE: SQ-D NF CU BUS

#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#	
1			3	16.67	--	16.67	--	1	SPACE	2	
3	AC-9	90 A	3					1	-- SPACE	4	
5				16.67	--	16.67	--	1	-- SPACE	6	
7								1	-- SPACE	8	
9	AC-12	90 A	3					1	-- SPACE	10	
11								1	-- SPACE	12	
13	SPACE	--	1	--	16.67					14	
15	SPACE	--	1	--		16.67		3	90 A AC-11	16	
17	SPACE	--	1	--			16.67			18	
19				3.21	--			1	-- SPACE	20	
21	SKUEWER CLEANER	15 A	3			3.21	--	1	-- SPACE	22	
23							3.21	--	1	-- SPACE	24
25				3.21	16.67					26	
27	POWERSOAK SINK	15 A	3			3.21	16.67	3	90 A AC-15	28	
29							3.21	16.67		30	
31				8.34	9.86					32	
33	SUSHI WASHWARE LINE	40 A	3			8.34	9.86	3	50 A RACK WASHER	34	
35								8.34	9.86	36	
37				5.58	11.83					38	
39	MAU-28	30 A	3			5.58	11.83	3	60 A AD-3	40	
41							5.58	11.83		42	
43				10.36	0			1	20 A SPARE	44	
45	MAU-37	50 A	3			10.36	0	1	20 A SPARE	46	
47							10.36	0	1	20 A SPARE	48
49	SPACE	--	1	--	0			1	20 A SPARE	50	
51	SPACE	--	1	--	0			1	20 A SPARE	52	
53	SPACE	--	1	--	0			0	1 20 A SPARE	54	
TOTAL LOAD:				119.1 KVA	119.1 KVA	119.1 KVA					
TOTAL AMPS:				430 A	430 A	430 A					
PANEL TOTALS											
TOTAL CONN. LOAD:									367.2 KVA		
TOTAL EST. DEMAND:									346.4 KVA		
TOTAL CONN. CURRENT:									430 A		
TOTAL EST. DEMAND CURRENT:									417 A		

NOTES:

[illegible]

BRANCH PANEL: P1A		SUPPLY FROM: SD-2		VOLTS: 208/120 Wye		A.I.C. RATING: 22K MIN.					
MOUNTING: IPC		PHASES: 3		MAINS TYPING: MLO		MAINS RATING: 225 A					
RECEPTACLE		WIRES: 4		PANEL TYPE: 30.0 NOOD CU BUS							
#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#	
1	CONVENIENCE OUTLET (M3)	20 A	1	0.18	0.18			2	20 A	SALES RECEPTACLE	2
3	CONVENIENCE OUTLET (M3)	20 A	1		0.18	0.18		2	20 A	SALES RECEPTACLE	4
5	CONVENIENCE OUTLET (M3)	20 A	1			0.18	0.18	2	20 A	SALES RECEPTACLE	6
7	CONVENIENCE OUTLET (M3)	20 A	1	0.18	0.18			2	20 A	SALES RECEPTACLE	8
9	CONVENIENCE OUTLET (M3)	20 A	1		0.18	0.18		2	20 A	SALES RECEPTACLE	10
11	CONVENIENCE OUTLET (M3)	20 A	1			0.18	0.18	2	20 A	SALES RECEPTACLE	12
13	CONVENIENCE OUTLET (M3)	20 A	1	0.18	0.18			2	20 A	SALES RECEPTACLE	14
15	CONVENIENCE OUTLET (M3)	20 A	1		0.18	0.18		2	20 A	SALES RECEPTACLE	16
17	CONVENIENCE OUTLET (M3)	20 A	1			0.18	0.18	2	20 A	SALES RECEPTACLE	18
19	CONVENIENCE OUTLET (M3)	20 A	1	0.18	0.18			2	20 A	SALES RECEPTACLE	20
21	CONVENIENCE OUTLET (M3)	20 A	1		0.18	0.18		2	20 A	SALES RECEPTACLE	22
23	CONVENIENCE OUTLET (M3)	20 A	1			0.18	0.18	2	20 A	SALES RECEPTACLE	24
25	CONVENIENCE OUTLET (M3)	20 A	1	0.18	0.18			2	20 A	SALES RECEPTACLE	26
27	CONVENIENCE OUTLET (M3)	20 A	1		0.18	0.18		2	20 A	SALES RECEPTACLE	28
29	CONVENIENCE OUTLET (M3)	20 A	1			0.18	0.18	2	20 A	SALES RECEPTACLE	30
31	CONVENIENCE OUTLET (M3)	20 A	1	0.18	0.18			2	20 A	SALES RECEPTACLE	32
33	SPARE	20 A	1		0	0.18		2	20 A	SALES RECEPTACLE	34
35	SPARE	20 A	1			0	0.18	2	20 A	SALES RECEPTACLE	36
37	SPARE	20 A	1	0	0.18			2	20 A	SALES RECEPTACLE	38
39	DEMO ROOM RECEPT	20 A	1		0.9	0.18		2	20 A	SALES RECEPTACLE	40
41	DEMO ROOM RECEPT	20 A	1			0.54	0.18	1	20 A	SALES RECEPTACLE	42
43	SEAGUARD ROAD SHOW	20 A	1	0.18	0.18			1	20 A	SALES RECEPTACLE	44
45	SALES RECEPTACLE	20 A	1		0.36	0.18		1	20 A	SALES RECEPTACLE	46
47	SALES RECEPTACLE	20 A	1			0.36	0.18	1	20 A	SALES RECEPTACLE	48
49	SPACE	--	1	--	0.18			1	20 A	SALES RECEPTACLE	50
51	SPACE	--	1		--	0.18		1	20 A	SALES RECEPTACLE	52
53	SPACE	--	1	0.18		--	0.18	1	20 A	SALES RECEPTACLE	54
55	SALES RECEPTACLE	20 A	1	0.18	0.54			1	20 A	LIGHT POLE CAMERA	56
57	SALES RECEPTACLE	20 A	1		0.18	0.18		1	20 A	SALES RECEPTACLE	58
59	SALES RECEPTACLE	20 A	1			0.18	0.18	1	20 A	SALES RECEPTACLE	60
61	SALES RECEPTACLE	20 A	1	0.18	0.18			1	20 A	SALES RECEPTACLE	62
63	SPACE	--	1		--	0.18		1	20 A	SALES RECEPTACLE	64
65	SPACE	--	1		--	0.18	0.18	1	20 A	SALES RECEPTACLE	66
67	SPACE	--	1	--	0.36			1	20 A	RECEPTACLE 250A	68
69	SALES RECEPTACLE	20 A	2		0.18	1.86		1	20 A	CLEANSTAR TANK **	70
71						0.18	0.38	1	20 A	FLOOR SCRUBBER RECEPTACLE	72
73	SALES RECEPTACLE	20 A	2	0.18	0.36			1	20 A	RTV RECEPTACLES	74
75					0.18	0.36		1	20 A	RTV RECEPTACLES	76
77	CHEESE CASE	25 A	2	1.35	0.74	1.35	1	1	20 A	DRINKING FOUNTAIN *	78
								1	20 A	RECEPTACLE 250A	80
81	CHEESE CASE	25 A	2		1.35	0.72		1	20 A	DOOR BUZZER & RECEPT	82
83						1.35	1.14	1	20 A	LIGHT POLE CAMERA	84
TOTAL LOAD:		7 KVA		9 KVA	9.4 KVA						
TOTAL AMPS:		58 A		77 A	87 A						
PANEL TOTALS											
TOTAL CONN. LOAD:										25.3 KVA	
TOTAL EST. DEMAND:										22.0 KVA	
TOTAL CONN. CURRENT:										70 A	
TOTAL EST. DEMAND CURRENT:										61 A	
NOTES:											
* PROVIDE 60A GFI BREAKER											
** PROVIDE 300mA GFI BREAKER											

BRANCH PANEL: P18				VOLTS: 208/120 Vye				A.I.C. RATING: 2K SERIES MIN.			
SUPPLY FROM: SD-2				PHASES: 3				MAINS TYPE: MLO			
MOUNTING: IPC				WIRES: 4				MAINS RATING: 100 A			
MSC								PANEL TYPE: SCIO NOOD CU BUS			
#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#	
1	DUCK LOCK SYSTEM	20 A	1	0.96	1.5		2	20 A	FAN HEATER	7	
2	DUCK LOCK SYSTEM	20 A	1		0.72	1.5			TF-01	8	
3	EF-QX TF-21	20 A	1			0.5	1.18	1	25 A	RH-11,RH-12,RH-13	9
7	CF S/O L13	20 A	1	0.36	0.48			1	20 A	COMPACTOR CONTROL POWER	10
9	FAN HEATER	20 A	1		1.5	0.25		1	20 A		11
11	FAN HEATER	20 A	1			1.5	--	1	--	SPACE	12
13	SPARE	20 A	1	0	--			1	--	SPACE	14
15	SPARE	20 A	1		0	--		1	--	SPACE	16
17	SPARE	20 A	1			0	--	1	--	SPACE	18
18	SPARE	20 A	1	0	--			1	--	SPACE	19
21	SPACE	--	1		--	--		1	--	SPACE	22
23	SPACE	--	1			--	--	1	--	SPACE	24
25	SPACE	--	1	--	--			1	--	SPACE	26
27	SPACE	--	1		--	--		1	--	SPACE	28
29	SPACE	--	1			--	--	1	--	SPACE	30
31	SPACE	--	1	--	--			1	--	SPACE	32
33	SPACE	--	1			--	--	1	--	SPACE	34
35	SPACE	--	1			--	--	1	--	SPACE	36
37	SPACE	--	1	--	--			1	--	SPACE	38
39	SPACE	--	1		--	--		1	--	SPACE	40
41	SPACE	--	1			--	--	1	--	SPACE	42
TOTAL LOAD:				3.3 kVA	3.6 kVA	3.2 kVA					
TOTAL AMPS:				28 A	30 A	27 A					
PANEL TOTALS											
TOTAL CONN. LOAD:										10.1 kVA	
TOTAL EST. DEMAND:										10.1 kVA	
TOTAL CONN. CURRENT:										28 A	
TOTAL EST. DEMAND CURRENT:										28 A	

NOTES:

BRANCH PANEL: P2A				VOLTS: 208/120 Vlye				A.I.C. RATING: 22K MIN.			
SUPPLY FROM: SD-1				PHASES: 3				MAINS TYPE: MLO			
MOUNTING: IPC				WIRES: 4				MAINS RATING: 225 A			
RECEPTACLE								PANEL TYPE: SO-D NQOD CU BUS			
#	Circuit Description	Trips	P	A	B	C	P	Trips	Circuit Description	#	
1	CASH REGISTER	20 A	1	0.54	0.54			1	CASH REGISTER	1	
3	CASH REGISTER	20 A	1		0.54	0.54		1	CASH REGISTER	4	
5	MICROWAVE RECEPTACLE	20 A	1			0.18	1.14	1	LIGHT POLE CAMERA	6	
7	MICROWAVE RECEPTACLE	20 A	1	0.18	0.18			1	LOCKER ROOM CARGAGE DISPOSAL	14	
9	MICROWAVE RECEPTACLE	20 A	1		0.18	0.47		1	QUIET ROOM RECEPTACLE	10	
11	VENDING MACHINE *	20 A	1				0.36	1	LOCKER ROOM RECEPTACLE	12	
13	VENDING MACHINE *	20 A	1	0.9				1	PHARMACY RECEPTACLE	18	
15	VENDING MACHINE *	20 A	1		1	0.18		1	PHARMACY RECEPTACLE	16	
17	LOCKER ROOM RECEPTACLE	20 A	1			0.54	0.36	1	ROF RECEPTABLES	18	
19	FUEL FACILITY RECEPTACLE	20 A	1	0.36	0.72			1	PHARMACY RECEPTACLE	20	
21	FUEL FACILITY RECEPTACLE	20 A	1		0.68	0		1	SPARE	22	
23	SALES RECEPTACLE	20 A	1			0.36	0.36	1	LOCKER ROOM RECEPTACLE	24	
25	SALES RECEPTACLE	20 A	1	0.36	0.36			1	EDU ROOMS/STORAGE AND CHARGERS	26	
27	SALES RECEPTACLE	20 A	1		0.36	1		1	DRINKING FOUNTAIN *	28	
29	OWNER EQUIPMENT RECEPT *	20 A	1			1	0.5	1	PNEUMATIC TUBING	30	
31	OWNER EQUIPMENT RECEPT *	20 A	1	0.5				1	PNEUMATIC TUBING	32	
33	VENDING MACHINE *	20 A	1		1	0.5		1	PNEUMATIC TUBING	34	
35	VENDING MACHINE *	20 A	1			1	0.5	1	PNEUMATIC TUBING	36	
37	VENDING MACHINE *	20 A	1	0.5	1			1	PNEUMATIC TUBING	40	
39	VENDING MACHINE *	20 A	1		--			1	SPACE	42	
41	VENDING MACHINE *	20 A	1				0.36	1	MPU RECEPTACLE	40	
TOTAL LOAD:				19.4 kVA		16.2 kVA		15.4 kVA			
TOTAL AMP:				162 A		136 A		128 A			
PANEL TOTALS											
TOTAL CONN. LOAD:										51.0 kVA	
TOTAL EST. DEMAND:										42.5 kVA	
TOTAL CONN. CURRENT:										142 A	
TOTAL EST. DEMAND CURRENT:										118 A	

NOTES:
* PROVIDE GFI BREAKER

BRANCH PANEL: P2A

SUPPLY FROM: P2A

MOUNTING: IPC

RECEPTACLE

VOLTS: 208/120 Vye

PHASES: 3

WIRES: 4

A.I.C. RATING: 22K MVA

MAINS TYPE: MLO

MAINS RATING: 225 A

PANEL TYPE: SO-D NOOD-PL CU BUS

#	Circuit Description	Trips	P	A	B	C	P	Trips	Circuit Description	#
43	OFFICE RECEPTACLE**	20 A	1	0.72	0.18			1	20 A SALES RECEPTACLE	48
45	OFFICE RECEPTACLE**	20 A	1		0.72	0.18		1	20 A SALES RECEPTACLE	48
47	OFFICE RECEPTACLE**	20 A	1			0.54	0.18	1	20 A SALES RECEPTACLE	48
49	OFFICE RECEPTACLE**	20 A	1	0.72	1			1	20 A CASE SECURITY POWER*	50
51	OFFICE RECEPTACLE**	20 A	1		0.54	1.47		1	20 A R.R. RECEPTABLES	52
53	MANAGER OFFICE RECEPTACLE**	20 A	1			0.36	1.08	1	20 A R.R. RECEPTABLES	52
55	SALES RECEPTACLE	20 A	1	0.18	2			1	30 A BONGOS DATA SYSTEM	58
57	SALES RECEPTACLE	20 A	1		0.18	0.36		1	20 A JEWELRY CASE*	58
59	SALES RECEPTACLE	20 A	1			0.18	0.36	1	20 A COLLECTIBLE CASE*	58
61	SALES RECEPTACLE	20 A	1	0.18	0			1	20 A SPARE	62
63	SALES RECEPTACLE	20 A	1		0.36	0		1	20 A SPARE	64
65	SALES RECEPTACLE	20 A	1			0.36	0	1	20 A SPARE	64
67	LOCKER ROOM RECEPT	20 A	1	0.72	--			1	SPARE	72
69	MANAGER PODIUM RECEPT	20 A	1		0.36	--		1	-- SPARE	72
71	SPARE	20 A	1				0	--	SPAGE	72
73	OPTICAL EXAM RECEPT	20 A	1	1.08	1.44			1	20 A OPTICAL EXAM RECEPT	74
75	OPTICAL EXAM RECEPT	20 A	1		1.08	0.54		1	20 A OPTICAL EXAM RECEPT	76
77	OPTICAL RECEPT	20 A	1			0.9	1.26	1	20 A OPTICAL EXAM RECEPT	76
79	OPTICAL WISKR	20 A	1	1.2	1.8	1.5		1	20 A OPTICAL PLUG	80
81	OPTICAL WISKR	20 A	1		1.5	1.5		1	20 A FRAME WARMER	82
83	FRAME WARMER	20 A	1			1.5	0	1	20 A SPARE	84
TOTAL LOAD:				112 A	8.8 kVA	6.7 kVA				
TOTAL AMPS:				96 A	76 A	56 A				
PANEL TOTALS										
								TOTAL CONN. LOAD: 26.7 kVA		
								TOTAL EST. DEMAND: 21.7 kVA		
								TOTAL CONN. CURRENT: 74 A		
								TOTAL EST. DEMAND CURRENT: 60 A		

NOTES:

** PROVIDE LOCK IN DEVICE AND MARK "LEAVE ON".

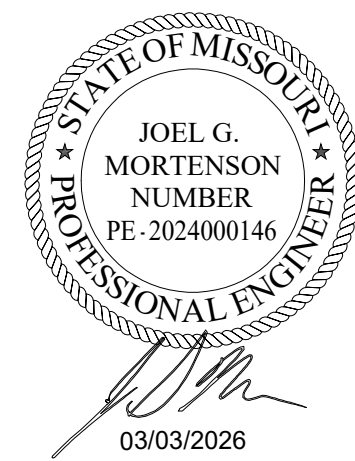
** POWER/LINK BREAKER. TIME ON AT 6:00 AM - TIME OFF AT 11:00 PM OR AS DIRECTED BY WAREHOUSE MANAGER

BRANCH PANEL: P3				VOLTS: 208/120 Wye				A.I.C. RATING: 22K SERIES MIN.											
SUPPLY FROM: PD3				PHASES: 3				MAINS TYPE: MLO											
MOUNTING: IPC				WIRES: 4				MAINS RATING: 400 A											
MISC								PANEL TYPE: SOD NODD CU BUS											
#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#									
1	DOOR HEATERS FREEZER #2 (M5)	20 A	1	1.9	1.2	1.9	1.2	1	20A BAKERY FZER DOOR HEATER (M2)	2									
3	DOOR HEATERS FREEZER #2 (M5)	20 A	1					1	20A BAKERY FZER DOOR HEATER (M2)	4									
5	DOOR HEATERS FREEZER #2 (M5)	20 A	1					1	20A POS FZER DOOR HEATER #1 (M2)	6									
7	DOOR HEATERS FREEZER #2 (M5)	20 A	1	1.9	1.3	1.9	1.2	1	20A DOOR HEATERS COOLER (M5)	8									
9	DOOR HEATERS FREEZER #2 (M5)	20 A	1					1	20A THERMO SIMPLE	10									
11	DOOR HEATERS FREEZER #2 (M5)	20 A	1					1	20A THERMO SIMPLE	12									
13	DOOR HEATERS FREEZER #2 (M5)	20 A	1	1.9	0.2	1.9	0.2	1	20A THERMO SIMPLE	14									
15	DOOR HEATERS FREEZER #2 (M5)	20 A	1			1.9	0.72	1	20A ROOF RECEPTACLE	16									
17	DOOR HEATERS FREEZER #2 (M5)	20 A	1			1.9	0.2	1	20A THERMO SIMPLE	18									
19	SPARE	20 A	1	0	0.2			1	20A THERMO SIMPLE	20									
21	DOOR HEATERS FREEZER #1 (M5)	20 A	1			1.92	1	1	20A BMS-3	22									
23	DOOR HEATERS FREEZER #1 (M5)	20 A	1					1.92	1.92	24									
25	DOOR HEATERS FREEZER #1 (M5)	20 A	1	1.92	1.92			1	20A HEAT TAPE *	26									
27	DOOR HEATERS FREEZER #1 (M5)	20 A	1			1.92	1.92	1	20A HEAT TAPE *	28									
29	DOOR HEATERS FREEZER #1 (M5)	20 A	1					1.92	1.92	30									
31	DOOR HEATERS FREEZER #1 (M5)	20 A	1	1.92	1.92			1	20A HEAT TAPE *	32									
33	DOOR HEATERS FREEZER #1 (M5)	20 A	1			1.92	1.92	1	20A HEAT TAPE *	34									
35	DOOR HEATERS FREEZER #1 (M5)	20 A	1					1.92	1.92	36									
37	DOOR HEATERS FREEZER #1 (M5)	20 A	1	1.92	1.92			1	20A HEAT TAPE *	38									
39	SPARE	20 A	1			0	1.92	1	20A HEAT TAPE *	40									
41	SPARE	20 A	1					0	0	42									
43	DOOR HEATERS COOLER (M5)	20 A	1	1.3	0			1	20A SPARE	44									
45	DOOR HEATERS COOLER (M5)	20 A	1			1.3	0	1	20A SPARE	46									
47	DOOR HEATERS COOLER (M5)	20 A	1					1	20A SPARE	48									
49	POS FZER DOOR HEATER #2 (M2)	20 A	1	1.2	0		1.3	0	1	20A SPARE	50								
51	DOOR HEATERS COOLER (M5)	20 A	1			1.3	0	1	20A SPARE	52									
53	DOOR HEATERS COOLER (M5)	20 A	1				1.3	0	1	20A SPARE	54								
55	DOOR HEATERS COOLER (M5)	20 A	1	1.3	0			1	20A SPARE	56									
57	DOOR HEATERS COOLER (M5)	20 A	1			1.3	0	1	20A SPARE	58									
59	DOOR HEATERS COOLER (M5)	20 A	1					1	20A SPARE	60									
61	SPARE	20 A	1	0	0			1	20A SPARE	62									
63	ISO MTEI	20 A	1			0.3	0	1	20A SPARE	64									
65	SDS DELI	20 A	1				1.2	--	--	SPACE	66								
67	BAKERY CASES	20 A	0.96	--	--	--	--	--	--	SPACE	68								
69	SPACE	--	1	--	--	--	--	1	--	SPACE	70								
71	SPACE	--	1	--	--	--	--	1	--	SPACE	72								
73	SPACE	--	1	--	--	--	--	1	--	SPACE	74								
75	SPACE	--	1	--	--	--	--	1	--	SPACE	76								
77	SPACE	--	1	--	--	--	--	1	--	SPACE	78								
79	SPACE	--	1	--	--	--	--	1	--	SPACE	80								
81	SPACE	--	1	--	--	--	--	1	--	SPACE	82								
83	SPACE	--	1	--	--	--	--	1	--	SPACE	84								
TOTAL LOAD:				24.9 kVA		24.5 kVA		25.5 kVA											
TOTAL AMPS:				208 A		205 A		213 A											
PANEL TOTALS																			
TOTAL CONN. LOAD: 74.9 kVA																			
TOTAL EST. DEMAND: 75.2 kVA																			
TOTAL CONN. CURRENT: 208 A																			
TOTAL EST. DEMAND CURRENT: 209 A																			

NOTES: E.C. SHALL VERIFY ALL BREAKER SIZES WITH FREEZER/COOLER CONTRACTOR BEFORE INSTALLATION.
 * PROVIDE GROUND FAULT PROTECTION W/30mA TRIP LEVEL. PROVIDE LABEL PER NEC 110.22

NOTES: E.C. SHALL VERIFY ALL BREAKER SIZES WITH FREEZER/COOLER CONTRACTOR BEFORE INSTALLATION
* PROVIDE GROUND FAULT PROTECTION W/ 30mA TRIP LEVEL. PROVIDE LABEL PER NEC 110.22

PERMIT COMMENTS



IDFPR # 184005536
EXP: 04/30/2027

PROJECT STATUS: PERMIT COMMENTS 1

12/17/25	ISSUED FOR PERMIT
02/02/26	ISSUED FOR BID
02/10/26	BID ADDENDUM 1
03/03/26	PERMIT COMMENTS 1

DATE	DESCRIPTION
------	-------------

T.E., INC.

830 N. RIVERSIDE DRIVE
SUITE #200
RENTON, WA 98057
PHONE: 425-970-3753
FAX: 425-970-3756

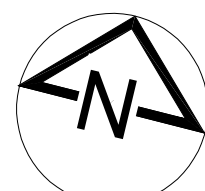
NEW WAREHOUSE

LEE'S SUMMIT, MO

LEE'S SUMMIT, MO



COSTCO
WHOLESALE



TEI #: 25-346
PM: MW
CHECKED BY: JG
ISSUED: 03/03/26

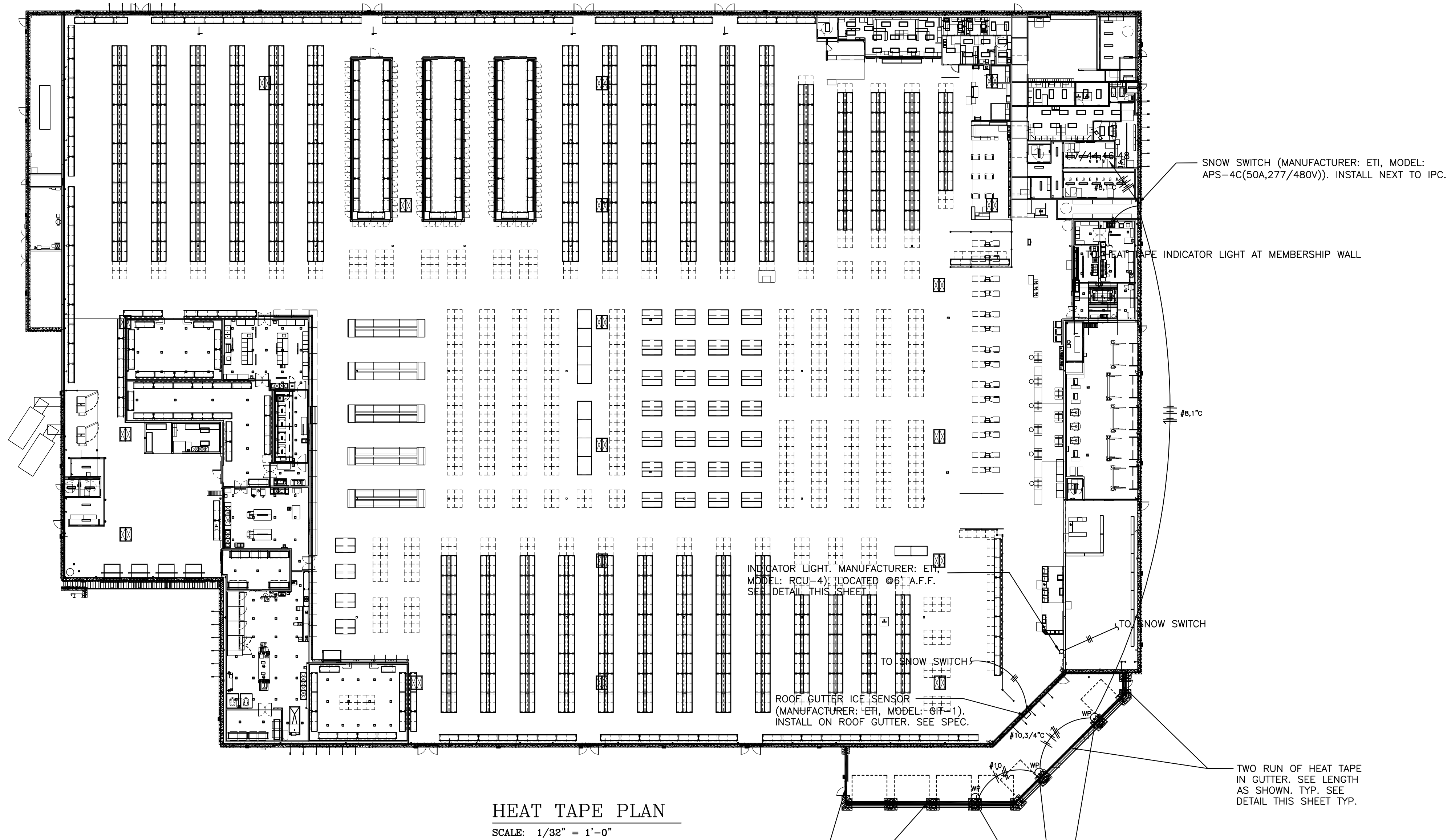
PANEL SCHEDULES

E-9

BRANCH PANEL: C						VOLTS: 208/120 Wye			A.I.C. RATING: 10kA				
SUPPLY FROM: T3						PHASES: 3			MAINS TYPE: 150A MCB				
MOUNTING: IPC						WIRES: 4			MAINS RATING: 225 A				
PANEL TYPE: SQ-D NOOD CU BUS													
#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#			
1	MEMBERSHIP COUNTER	20 A	1	0.36	0.36			1	20 A	MEMBERSHIP COUNTER	2		
3	MEMBERSHIP COUNTER	20 A	1		0.36	0.36		1	20 A	MEMBERSHIP COUNTER	4		
5	MEMBERSHIP COUNTER	20 A	1				0.36	0.36	1	20 A	PHARMACY RECEPTACLE	6	
7	PHARMACY RECEPTACLE	20 A	1	0.5	0.36				1	20 A	MIMO MACHINE RECEPTACLE	8	
9	PHARMACY RECEPTACLE	20 A	1			0.54	0.54		1	20 A	OPTICAL EXAM RECEP	10	
11	HEARING AID RECEPTACLE	20 A	1				0.48	0.54	1	20 A	OPTICAL RECEP ***	12	
13	FOOD SERVICE CASH REGISTER ***	20 A	1	0.36	0.36				1	20 A	MIMO MACHINE RECEPTACLE	14	
15	FOOD SERVICE CASH REGISTER ***	20 A	1			0.36	0		1	20 A	SPARE	16	
17	PHARMACY RECEPTACLE	20 A	1				0.54	1	20 A	MANAGER PODIUM RECEPTACLE	18		
19	MANAGER OFFICE RECEPTACLE	20 A	1	0.72	0.18			1	20 A	TIRE CENTER RECEPTACLE	20		
21	FOOD SERVICE SCALE RECEP ***	20 A	1			0.18	0.36		1	20 A	TIRE CENTER RECEPTACLE	22	
23	LOCKER ROOM RECEPTACLE	20 A	1					0.36	0.18	1	20 A	TIRE CENTER RECEPTACLE	24
25	ATM MACHINE & CARD READER *	20 A	1	0.36	0.36			1	20 A	OFFICE RECEPTACLE	26		
27	PHARMACY RECEPTACLE	20 A	1			0.54	0.72		1	20 A	OFFICE RECEPTACLE	28	
29	PHARMACY RECEPTACLE	20 A	1					0.54	0.54	1	20 A	OFFICE RECEPTACLE	30
31	PHARMACY RECEPTACLE	20 A	1	0.54	0				1	20 A	SPARE	32	
33	SPARE	20 A	1			0	0		1	20 A	SPARE	34	
35	SPARE	20 A	1					0	0	1	20 A	SPARE	36
37	DOOR ALARM *	20 A	1	0.36	0.54				1	20 A	OPTICAL RECEPTACLE	38	
39	FIRE ALARM PANEL **	20 A	1			0.18	0.54		1	20 A	OPTICAL RECEPTACLE	40	
41	COPY MACHINE RECEPTACLE	20 A	1					0.18	0.36	1	20 A	OPTICAL RECEPTACLE	42
43	HEARING AID BOOTH RECEPTACLE	20 A	1	1	0				1	20 A	SPARE	44	
45	HEARING AID BOOTH RECEPTACLE	20 A	1			1.08	0.18		1	20 A	MPU RECEPTACLE	46	
47	HEARING AID BOOTH RECEPTACLE	20 A	1					1	0.54	1	20 A	OFFICE RECEPTACLES	48
49	HEARING AID RECEPTACLE	20 A	1	0.72	5								50
51	BOINGO DAS SYSTEM	20 A	1			0.18	5			2	100 A	SUBFEED UPS & PANEL C1	52
53	BOINGO CELL REPEATER	20 A	1					1	0	1	20 A	SPARE	54
TOTAL LOAD:				12.1 kVA		11.1 kVA		8 kVA					
TOTAL AMPS:				105 A		97 A		67 A					
PANEL TOTALS													
										TOTAL CONN. LOAD: 31.2 kVA			
										TOTAL EST. DEMAND: 29.4 kVA			
										TOTAL CONN. CURRENT: 87 A			
										TOTAL EST. DEMAND CURRENT: 82 A			
NOTES: PROVIDE ISOLATED GROUND BUS FOR THIS PANEL													
* PROVIDE LOCK IN DEVICE & MARK "LEAVE ON"													
** IDENTIFIED RED CIRCUIT BREAKER. PANEL HAS LOCKABLE COVER													
*** PROVIDE GFI BREAKER													

BRANCH PANEL: C1						VOLTS: 240/120			A.I.C. RATING: 10kA		
SUPPLY FROM:						PHASES: 1			MAINS TYPE: 100A MCB		
MOUNTING: IPC						WIRES: 3			MAINS RATING: 100 A		
						PANEL TYPE: SQ-D NOOD CU BUS					
#	Circuit Description	Trip	P	A	B	P	Trip	Circuit Description	#		
1	CASH REGISTER	20 A	1	0.4	0.4		1	20 A	CASH REGISTER	4	
3	CASH REGISTER	20 A	1		0.4	0.4	1	20 A	CASH REGISTER	4	
5	CASH REGISTER	20 A	1	0.4	0.4		1	20 A	CASH REGISTER	6	
7	CASH REGISTER	20 A	1		0.4	0.4	1	20 A	CASH REGISTER	8	
9	CASH REGISTER	20 A	1	0.4	0.4		1	20 A	CASH REGISTER	10	
11	CASH REGISTER	20 A	1		0.4	0.4	1	20 A	CASH REGISTER	12	
13	SPARE	20 A	1	0	0		1	20 A	SPARE	14	
15	SPARE	20 A	1		0	0	1	20 A	SPARE	16	
17	ENFLEX PANEL *	20 A	1	0.36	0.18		1	20 A	EDP RECEPTACLE	18	
19	SPARE	20 A	1		0	0.18	1	20 A	EDP RECEPTACLE	20	
21	BMS-1 PANEL *	20 A	1	0	0.18		1	20 A	EDP RECEPTACLE	22	
23	SPARE	20 A	1		0	0.18	1	20 A	EDP RECEPTACLE	24	
25	MIMO MACHINE RECEPTACLE *	20 A	1	1	0.18		1	20 A	MEMBERSHIP IDF *	26	
27	TELEPHONE OUTLET *	20 A	1		0.36	0	1	20 A	SPARE	28	
29	MIMO MACHINE RECEPTACLE *	20 A	1	0.18	0		1	20 A	SPARE	30	
31	RAFTER IDF *	20 A	1		0.18	0.4	1	20 A	SELF CHECKOUT REGISTER	32	
33	SPACE	--	1	--	0.4		1	20 A	SELF CHECKOUT REGISTER	34	
35	SPACE	--	1	--		0.4	1	20 A	SELF CHECKOUT REGISTER	36	
37	SPACE	--	1	--	0.4		1	20 A	SELF CHECKOUT REGISTER	38	
39	SPACE	--	1	--		0.4	1	20 A	SELF CHECKOUT REGISTER	40	
41	SPACE	--	1	--	0.4		1	20 A	SELF CHECKOUT REGISTER	42	
TOTAL LOAD:				5.7 kVA		4.5 kVA					
TOTAL AMPS:				47 A		38 A					
PANEL TOTALS											
TOTAL CONN. LOAD: 10.2 kVA											
TOTAL EST. DEMAND: 10.2 kVA											
TOTAL CONN. CURRENT: 42 A											
TOTAL EST. DEMAND CURRENT: 42 A											
NOTES: PROVIDE ISOLATED GROUND BUS FOR THIS PANEL											
PANEL C1 RECEPTACLE SHALL HAVE RED FACEPLATE AND BE LABELED 'UPS'											
* PROVIDE LOCK IN DEVICE & MARK 'LEAVE ON'.											

BRANCH PANEL: C2						VOLTS: 208/120 Wye						A.I.C. RATING: 10K MIN.					
SUPPLY FROM: T4						PHASES: 3						MAINS TYPE: 50 A MCB					
MOUNTING: IPC						WIRES: 4						MAINS RATING: 60 A					
RECEPTACLE												PANEL TYPE: SQ-D NOOD CU BUS					
#	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	#							
1	RTV RECEPTACLE	20 A	1	0.72	0.36			1	20 A	DELI PRINTER *	2						
3	RECEIVING COUNTER	20 A	1			1.08	0.18	1	20 A	ROTISSERIE PRINTER *	4						
5	LABEL SYSTEM *	20 A	1					0.36	0.18	1	20 A	DESK ROOM RECEPTACLE	6				
7	KVM (M14,M15)	20 A	1	0.36	0.18			1	20 A	DIGI SCALE & PRINTER *	8						
9	BAKERY SCALES RECEPT	20 A	1			0.18	0.18	1	20 A	IDF BOX **	10						
11	SPARE	20 A	1					0	--	1	--	SPACE	12				
13	SPARE	20 A	1	0	--				1	--	SPACE	14					
15	SPARE	20 A	1			0	--		1	--	SPACE	16					
17	SPARE	20 A	1					0	--	1	--	SPACE	18				
19	SPARE	20 A	1	0	--				1	--	SPACE	20					
21	SPARE	20 A	1			0	--		1	--	SPACE	22					
23	SPARE	20 A	1					0	--	1	--	SPACE	24				
25	SPARE	20 A	1	0	--				1	--	SPACE	26					
27	SPARE	20 A	1			0	--		1	--	SPACE	28					
29	SPARE	20 A	1					0	--	1	--	SPACE	30				
TOTAL LOAD:				1.6 kVA		1.6 kVA		0.5 kVA									
TOTAL AMPS:				15 A		15 A		5 A									
PANEL TOTALS																	
										TOTAL CONN. LOAD: 3.8 kVA							
										TOTAL EST. DEMAND: 3.8 kVA							
										TOTAL CONN. CURRENT: 10 A							
										TOTAL EST. DEMAND CURRENT: 10 A							
NOTES: PROVIDE ISOLATED GROUND BUS FOR THIS PANEL																	
* GF1 BREAKER																	
** PROVIDE LOCK-IN DEVICE & MARK "LEAVE ON".																	



HEAT TAPE PLAN
SCALE: 1/32" = 1'-0"

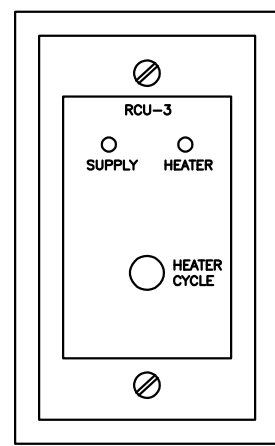
TWO RUN OF HEAT TAPE IN GUTTER, SEE LENGTH AS SHOWN, TYP. SEE DETAIL THIS SHEET TYP.

NOTE: DO NOT PERFORATE GUTTER, SCUPPERS OR ANY OTHER COMPONENT OF THE DRAINAGE SYSTEM. USE MANUS BOND 75AM SEALANT AS ADHESIVE TO ATTACH THE CLIPS OR ANY OTHER COMPONENTS TO THE GUTTER AND/OR SCUPPER.

GENERAL NOTES:

1. PROVIDE HEAT TAPE IN BUILDING ADDITION, & CANOPY. COORDINATE W/ARCHITECTURAL PLAN FOR ROOF DRAIN AND OVERFLOW DRAIN LOCATIONS.
2. PROVIDE A COMPLETE HEAT TAPE SYSTEM. INSTALL PER MANUFACTURER RECOMMENDATIONS
3. THE INSTALLATION OF THE HEAT TAPE AND ICE MELTING CABLE SHALL COMPLY WITH THE LATEST NEC
4. E.C. TO PROVIDE ALL LOW VOLTAGE WIRING IN CONDUIT, MINIMUM OF 1/2" C.
5. E.C. TO PROVIDE LAMACOID LABEL FOR ALL HEAT TAPE ELECTRICAL DEVICES.

ROOF HEAT TAPE INDICATORS

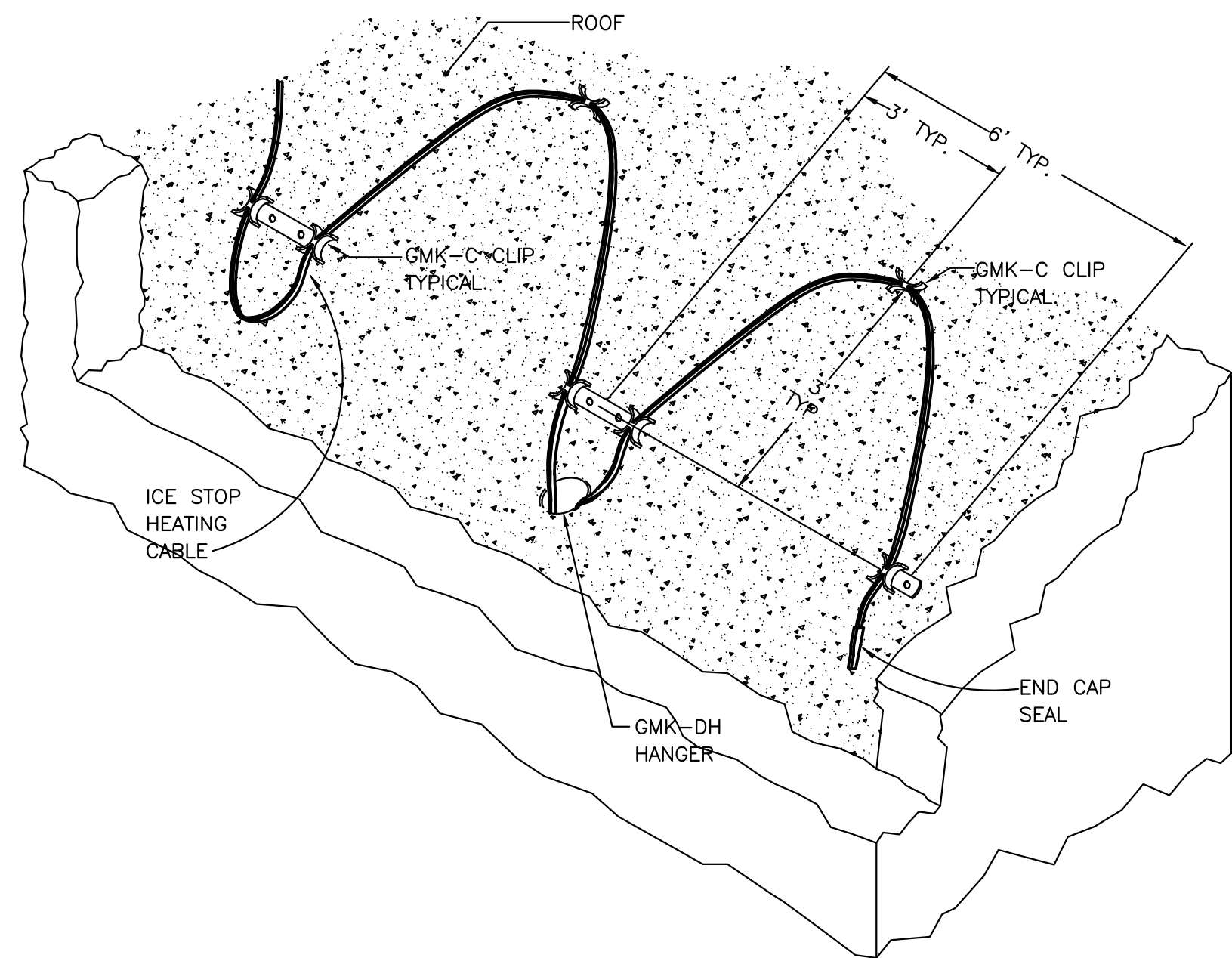


HEAT TAPE INDICATOR DETAIL

NO SCALE

HEAT TAPE INDICATOR DETAIL NOTE:

1. SURFACE MOUNT ON BLOCK WALL 6-12" FROM MEMBERSHIP POP-OUT WALL, OFFICE SIDE OF MEMBERSHIP IN SINGLE GANG BOX.

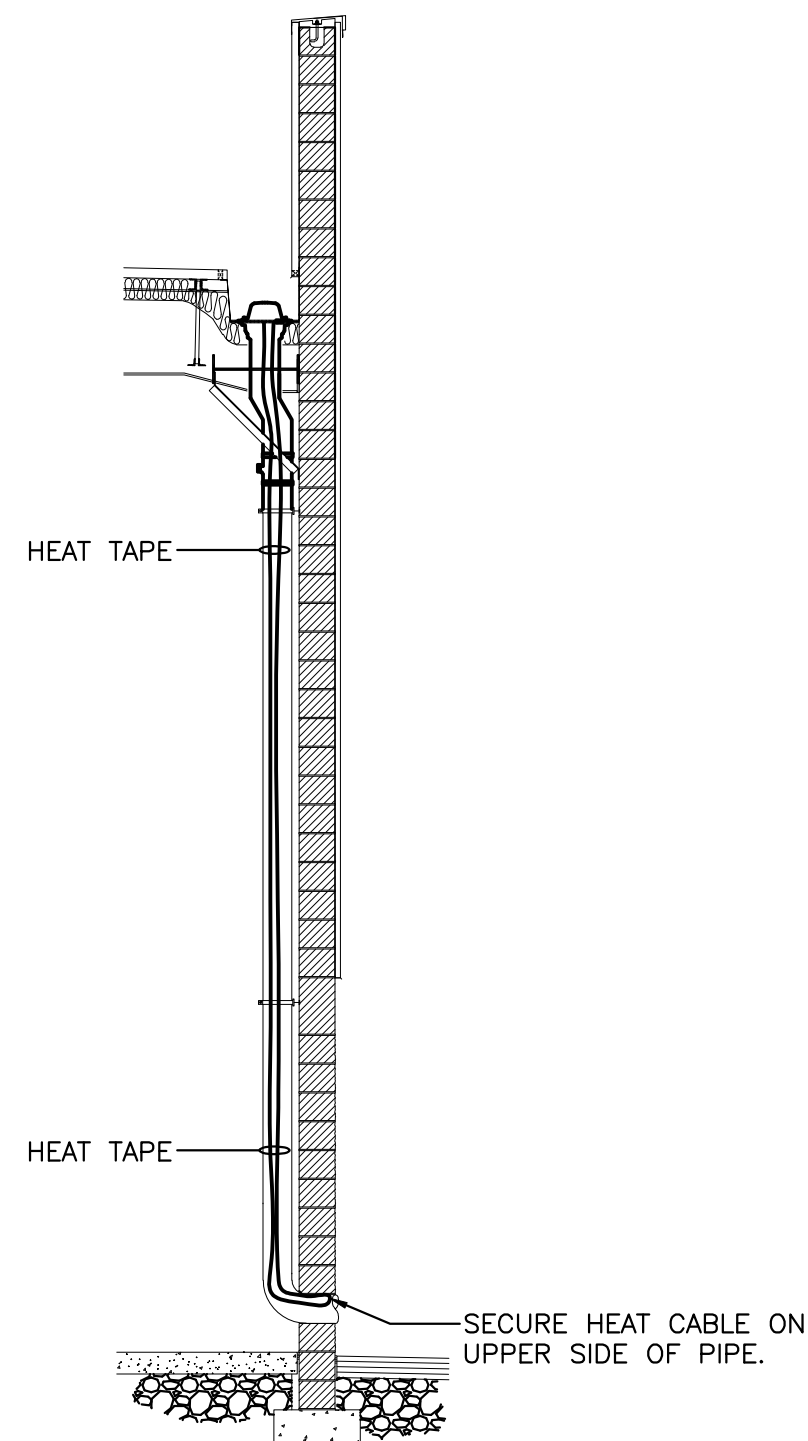


HEAT TAPE DETAIL

NO SCALE

HEAT TAPE DETAIL NOTES:

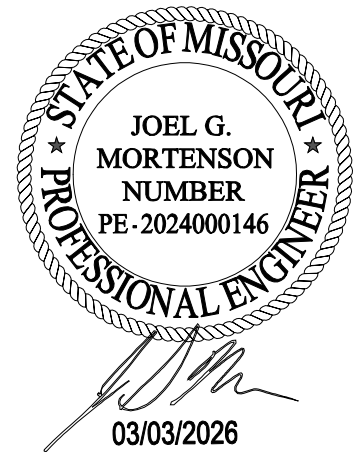
1. INSTALL HEAT CABLES AS RECOMMENDED BY MANUFACTURER.
2. SEAL ALL PENETRATIONS.



OVERFLOW DRAIN DETAIL

NO SCALE

PERMIT COMMENTS



IDPRR # 184005536
EXP. 04/30/2027

PROJECT STATUS: PERMIT COMMENTS 1

DATE DESCRIPTION

11/26/25 ISSUED FOR QA
12/17/25 ISSUED FOR PERMIT
02/02/26 ISSUED FOR BID
03/03/26 ISSUED FOR CONSTRUCTION
03/03/26 PERMIT COMMENTS 1 &

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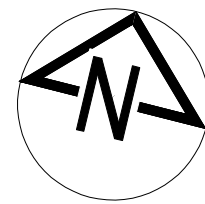
T.E., INC.

830 N. RIVERSIDE DRIVE
SUITE #200
RENTON, WA 98057
PHONE: 425-970-3763
FAX: 425-970-3766

NEW WAREHOUSE

LEES SUMMIT, MO

COSTCO
WHOLESALE



TEI #: 25-346
PM: MW
CHECKED BY: JGM
ISSUED: 03/03/26

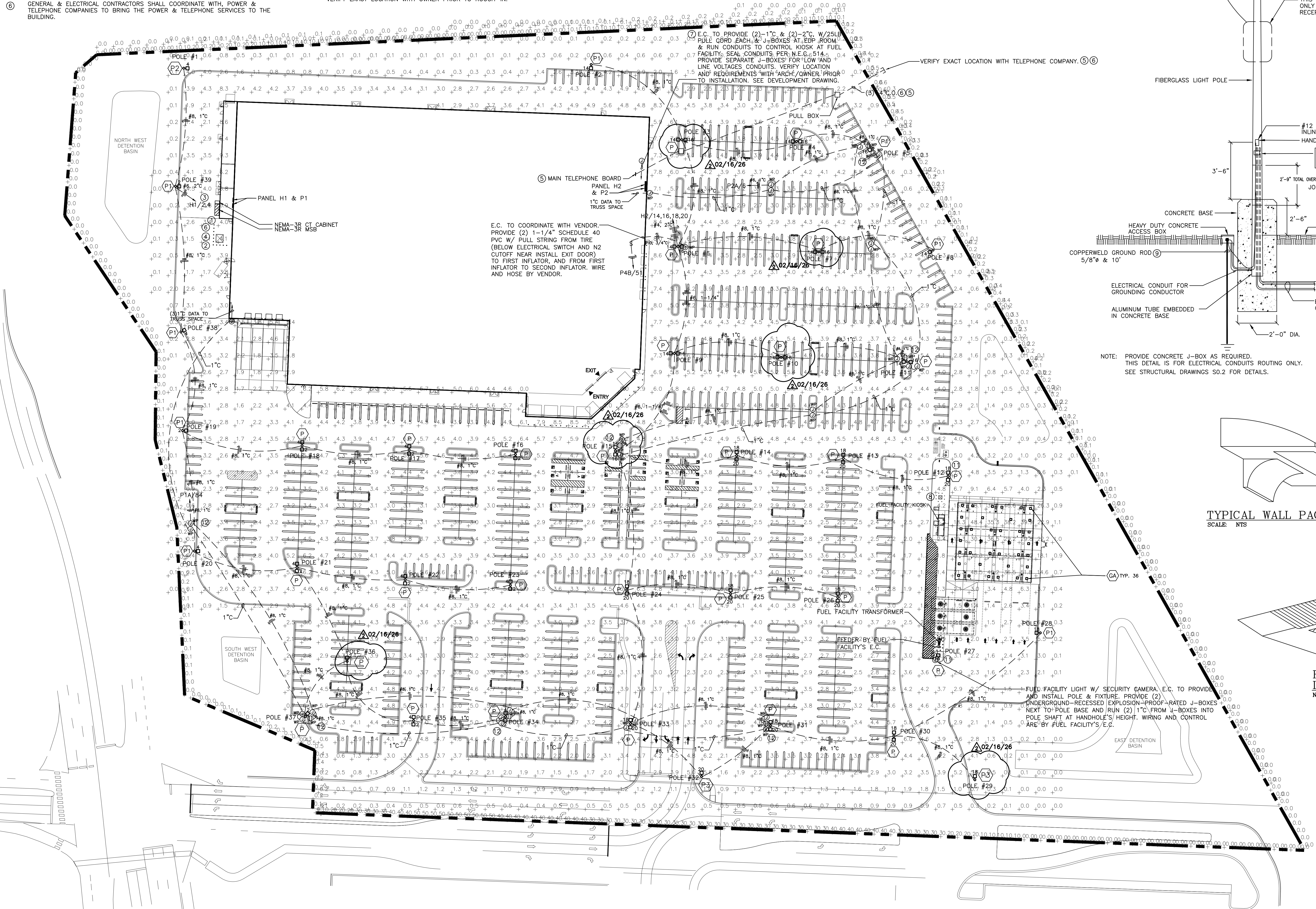
CANOPY HEAT TAPE POWER PLAN

SITE PLAN NOTES:

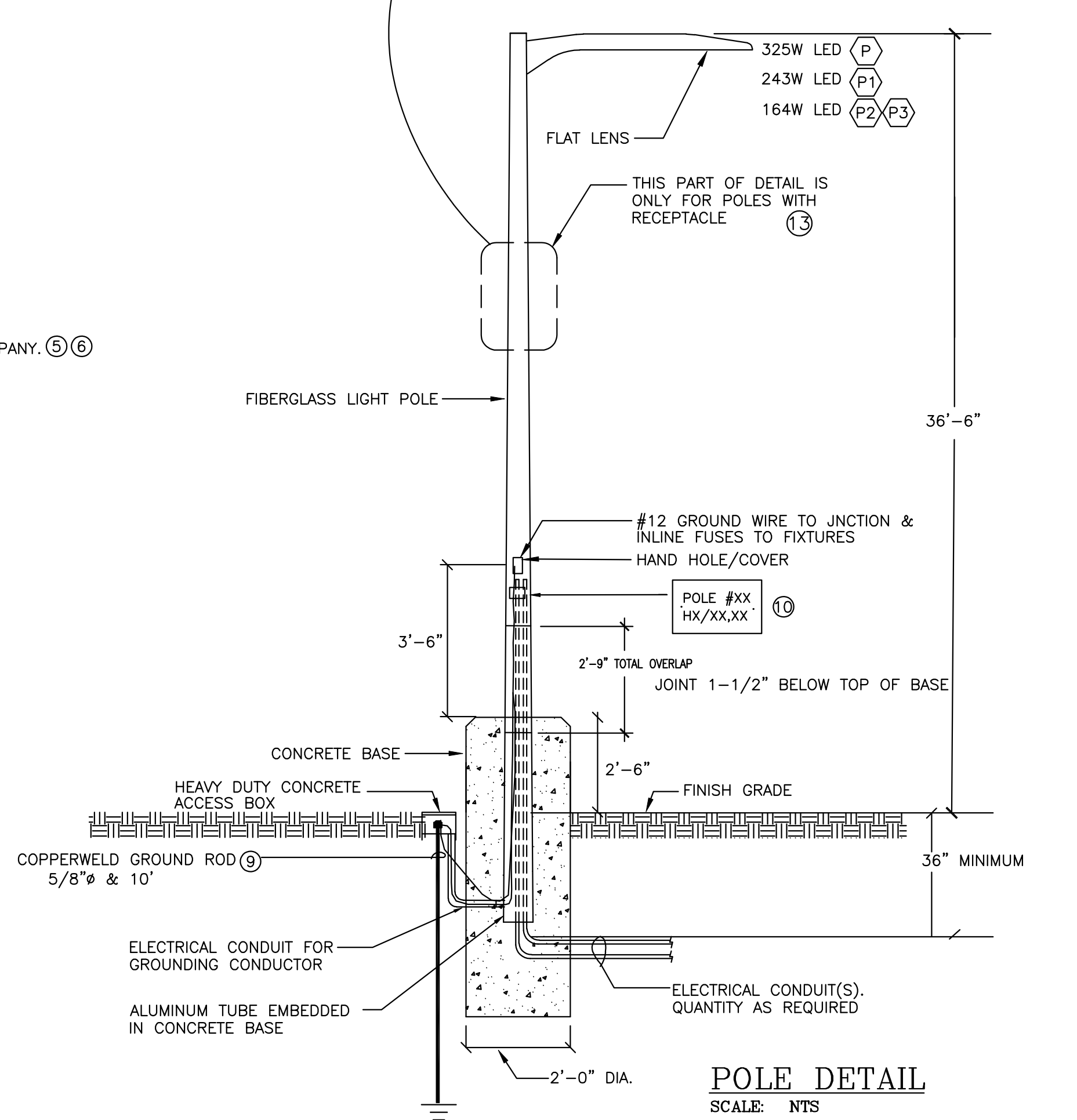
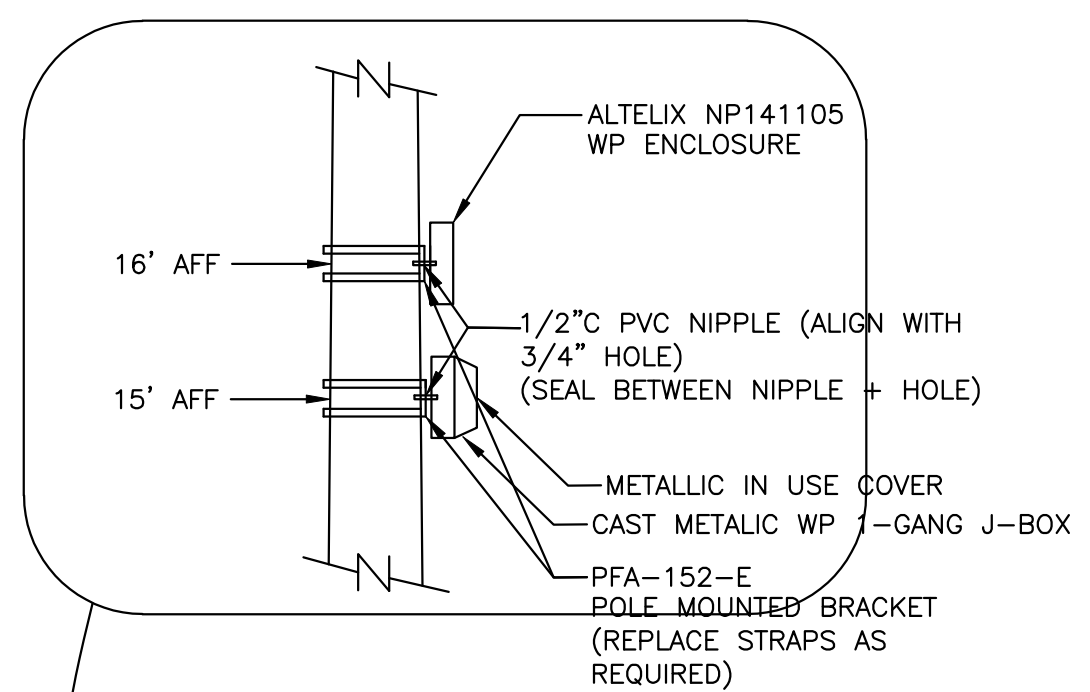
- ① SECONDARY SERVICE LATERAL. VERIFY EXACT ROUTING PRIOR TO BID. SEE ONE LINE DIAGRAM. COORDINATE WITH THE POWER COMPANY FOR ALL REQUIREMENTS FOR CONNECTION OF THE TRANSFORMER. SEE NOTE ②
- ② TRANSFORMER IS PROVIDED BY POWER CO. E.C. SHALL COORDINATE WITH POWER COMPANY FOR ALL INSTALLATION OF TRANSFORMER & ITS CONNECTION. PROVIDE GUARD POSTS, TRANSFORMER PAD, ETC. AS REQUIRED. MEET ALL POWER COMPANY REQUIREMENTS, INCLUDE ALL CHARGES IN BID.
- ③ UTILITY METERING. INSTALL ALL METERING EQUIPMENT SUPPLY BY POWER CO. AS REQUIRED.
- ④ PRIMARY CONDUITS AND TRENCHING ARE PROVIDED BY G.C. / E.C. VERIFY EXACT LOCATION AND REQUIREMENT WITH THE UTILITY COMPANY PRIOR TO BID. OBTAIN ALL CHARGES PRIOR TO BID. INCLUDE IN BID. SEE CIVIL DRAWINGS FOR EXACT LOCATION. PROVIDE 6" BED OF CLEAN SAND FOR PRIMARY CONDUIT. COVER WITH 12" OF CLEAN SAND. COVER WITH CABLE WARNING TAPE AND BACKFILL. PROVIDE HEAVY DUTY TRAFFIC RATED COVERPLATE FOR PULL BOXES.
- ⑤ PROVIDE AND INSTALL TELEPHONE TERMINAL BOARD AS DIRECTED BY THE TELEPHONE COMPANY. ALLOW (1) - 4" X 8" X 3/4" EXTERIOR PLYWOOD BOARD WITH (2) COATS VARNISH FOR BIDDING. THREE (3) 4" SCHEDULE 40 ENTRANCE CONDUITS AT A DEPTH OF 36" MIN. FROM THE TELEPHONE BOARD TO THE TELEPHONE COMPANY TERMINATION POINT. A PULL WIRE MUST BE PLACED IN ALL TELEPHONE CONDUITS FOR PROOFING AND PULLING PURPOSES. ALSO PLACE A STAKE AT THE END OF ALL TELEPHONE ENTRANCE CONDUITS. VERIFY EXACT LOCATION AND REQUIREMENTS PRIOR TO BID. SEE SHEET "E-6" FOR THE TELEPHONE BOARD LOCATION. PROVIDE A #6 COPPER GROUND WIRE FROM TELEPHONE BOARD TO BUILDING GROUNDING SYSTEM.
- ⑥ GENERAL & ELECTRICAL CONTRACTORS SHALL COORDINATE WITH POWER & TELEPHONE COMPANIES TO BRING THE POWER & TELEPHONE SERVICES TO THE BUILDING.

- ⑦ E.C. TO PROVIDE J-BOX(ES) FOR GAS STATION CONDUITS AS REQUIRED FOR EVERY 250' OR AFTER (2) 90 DEGREES BENDS. SEAL ALL CONDUITS PER CODE. SEE ARCHITECTURAL & CIVIL DRAWINGS FOR ROUTING.
- ⑧ TYPICAL GAS STATION TRANSFORMER LOCATION. G.C. AND E.C. SHALL VERIFY REQUIREMENTS AND LOCATION WITH ARCHITECT. E.C. SHALL COORDINATE WITH POWER COMPANY FOR ALL INSTALLATION OF TRANSFORMER & ITS CONNECTION. PROVIDE GUARD POST, TRANSFORMER TRENCHING, PRIMARY CONDUIT, ETC. AS REQUIRED. MEET ALL POWER COMPANY REQUIREMENTS, INCLUDE ALL CHARGES IN BID.
- ⑨ E.C. TO PROVIDE COPPERWELD 5/8" Ø X 10' LONG GROUND ROD AT THE LIGHT POLE TYP. BOND GROUND WIRES TO GROUND ROD.
- ⑩ POLE MANUFACTURER TO PROVIDE POLE ID ON THE HANDHOLE COVER. LABEL POLE NUMBER AND CIRCUIT NUMBER PER PLAN. EXAMPLE: POLE #1, H2/54.56. 2"X4" LABEL. 1/4" HIGH ENGRAVED LETTERS. COVER SHALL BE SECURED WITH TAMPER-PROOF SCREWS. E.C. TO VERIFY CIRCUIT NUMBERS PER PLAN AND ENSURE THE CORRECT INSTALLATION OF LABEL / COVER FOR EACH POLE.
- ⑪ E.C. TO SEAL UNDERGROUND CONDUITS WITHIN 10' OF ENTERING GROUND ON BOTH ENDS. SEAL POLE AND ASSOCIATED J-BOX. PROVIDE EXPLOSION-PROOF-RATED J-BOX AND OTHER ELECTRICAL DEVICES NEAR FUELING FACILITY. REFER TO NEC ARTICLE 514.
- ⑫ E.C. TO PROVIDE 1" C. DATA AND 1" C. FOR POWER FOR CAMERAS ON POLES. COORDINATE W/ POLE MANUFACTURER TO PROVIDE 3/4" HOLE @ 15' A.F.G. AND 3/4" HOLE AT 16' A.F.G. E.C. IS RESPONSIBLE TO PROVIDE AND INSTALL ALL ACCESSORIES PER DETAIL AND MAKE ALL FINAL CONNECTIONS TO POLE RECEPTACLE. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.

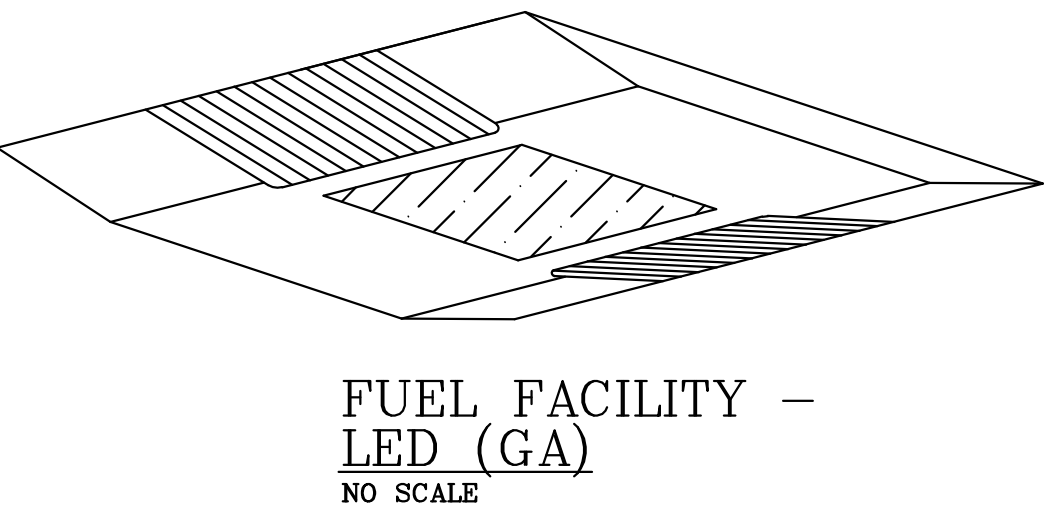
LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	NUMBER	LAMPS	MOUNT	WATT	REMARKS
P	COOPER	GALN-SA8B-740-U-5WQ-BZ	LED	POLE	325	36"-6" ABOVE FINISHED GRADE.
P1	COOPER	GALN-SA6B-740-U-SL3-HSS	LED	POLE	243	ROUND TAPERED FIBERGLASS/FIBERGLASS POLE (VALMONT COSTCO-150-10-36.5 POLE). NUMBER OF HEADS SHALL BE PER PLAN. SEE DETAIL SHEET SE-1. FIXTURE SHALL BE POWDER PAINTED. ELECTRO-STATIC APPLICATION POLE SHALL HAVE MIN EPA=10 FOR 150 MPH WIND.
P2	COOPER	GALN-SA4B-740-U-SLR-HSS	LED	POLE	164	
P3	COOPER	GALN-SA4B-740-U-SLL-HSS	LED	POLE		



SITE PHOTOMETRIC PLAN
SCALE: 1" = 60'-0"



TYPICAL WALL PACK DETAIL (B, B1 & B2)
SCALE: NTS



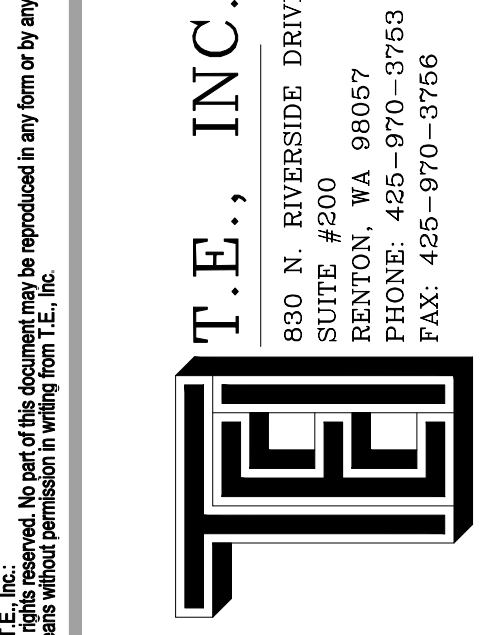
FUEL FACILITY - LED (GA)
NO SCALE

PERMIT COMMENTS

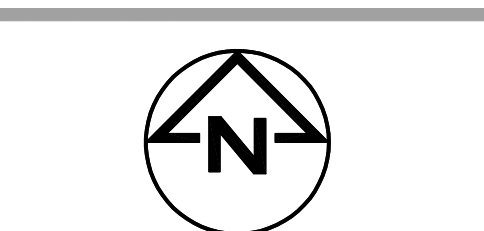


DPFR # 18405536
EXP: 04/30/2027

PROJECT STATUS:	PERMIT COMMENTS 1
DATE	DESCRIPTION
11/26/22	ISSUED FOR PERMIT
12/17/22	ISSUED FOR PERMIT
02/02/23	ISSUED FOR PERMIT
03/03/23	PERMIT COMMENTS 1 A.



T.E., INC.
890 N. RIVERSIDE DRIVE
SUITE #200
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TEI #: 25-346
PM: MW
CHECKED BY: JGM
ISSUED: 03/03/26

SITE LIGHTING PLAN

SE-1