

Tournament Sportsplex of Tampa Bay Add Permanent Stand-by Generator

PREPARED BY:



PROJECT TITLE:

Tournament Sportsplex of Tampa Bay
Add Permanent Stand-by Generator

9330 East Columbus Drive,
Tampa, Florida 33619

PREPARED FOR
Hillsborough County
Real Estate and Facilities Services
601 E. Kennedy Boulevard, 23rd Floor
Tampa, Florida 33602

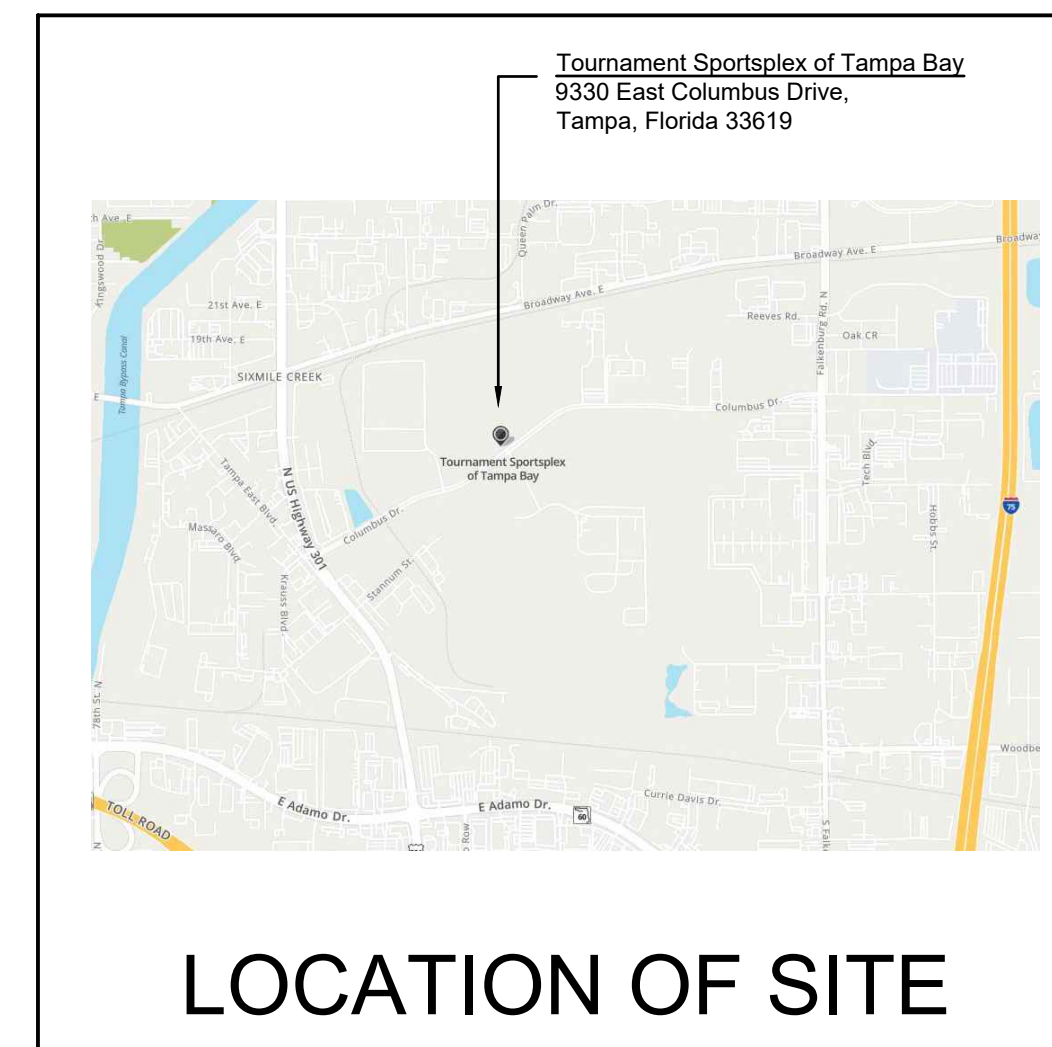


**Hillsborough
County Florida**

October 6, 2023

100% CONSTRUCTION DOCUMENTS

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ENGINEER OF RECORD

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NO.	DATE	DESCRIPTION

DATE: 10-06-2023
DRAWN BY: TRG
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SHEET #:
X1

Mechanical • Plumbing • Electrical

3111 W DR. MARTIN LUTHER KING JR. BOULEVARD, SUITE 375, TAMPA, FLORIDA, 33607 | 813.574.3190

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ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
	BRANCH CIRCUIT CONDUIT AND WIRE CONCEALED ABOVE CEILING OR BEHIND FINISHED WALL	N/A
	BRANCH CIRCUIT CONDUIT AND WIRE CONCEALED BELOW FINISHED FLOOR OR UNDERGROUND	N/A
	RACEWAY EXPOSED ON WALL OR CEILING	N/A
	HOMERUN TO PANELBOARD - LETTER INDICATES PANEL, NUMBER INDICATES CIRCUIT, MINIMUM 3/4" CONDUIT. NOTE: ANY HOMERUN WITHOUT FURTHER DESIGNATION INDICATES TWO #12 AWG AND #12 AWG EQUIPMENT GROUND. PO OUTLET REQUIRES SEPARATE NEUTRAL, MIN. #10 AWG. DEDICATED CIRCUIT REQUIRES SEPARATE NEUTRAL.	N/A
	RACEWAY RISER, UP OR DOWN AS NOTED	N/A
	CONDUIT CAPPED	N/A
	DRY TYPE TRANSFORMER	FLOOR MOUNTED, U.O.N.
	120/208 VOLT POWER PANELBOARD	M.H. 6'-0" TO TOP OR AS NOTED
	277/480 VOLT POWER PANELBOARD	M.H. 6'-0" TO TOP OR AS NOTED
	NON-FUSIBLE SAFETY SWITCH	M.H. 6'-0" TO TOP OR AS NOTED
	FUSIBLE SAFETY SWITCH	M.H. 6'-0" TO TOP OR ON EQUIPMENT
	COMBINATION MOTOR STARTER	AS NOTED
	JUNCTION BOX OR OUTLET BOX, 4" SQUARE BOX UNLESS OTHERWISE NOTED	AS NOTED
	JUNCTION BOX OR OUTLET BOX, 4" SQUARE BOX UNLESS OTHERWISE NOTED	WALL MOUNTED
	JUNCTION BOX OR OUTLET BOX, 4" SQUARE BOX, FOR HAND DRYER ELECTRICAL CONNECTION.	M.H. 44" AFF TO CENTER

NOTE: DASHED DEVICES ON PLANS INDICATES EXISTING


THIS IS A STANDARD LEGEND. NOT ALL DEVICES SHOWN ARE USED IN THESE DOCUMENTS.

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR	GWB	GYPSUM WALL BOARD
AFG	ABOVE FINISHED GRADE	HD	HAND DRYER
BS	MOUNTED IN BACK SPLASH	INT	INTERCOM/PAGING CABINET
ETR	EXISTING TO REMAIN	M.H.	MOUNTING HEIGHT
EWC	ELECTRIC WATER COOLER	N/A	NOT APPLICABLE
EWH	ELECTRIC WATER HEATER	NL	NIGHT LIGHT
EG	EQUIPMENT GROUND	PROJ	PROJECTOR LOCATION
ESB	ENERGY SAVING BALLAST	U.O.N.	UNLESS OTHERWISE NOTED
EXP	EXPLOSION PROOF	RL	RELOCATED
FACP	FIRE ALARM CONTROL PANEL	R	REMOVE
FATC	FIRE ALARM TERMINAL CABINET	UP	UP
GF1	GROUND FAULT PROTECTION	WP	WEATHER PROOF
G, GND	GROUND	WR	WEATHER RESISTANT

ELECTRICAL GENERAL NOTES:
(THESE NOTES APPLY TO ALL SHEETS)

- ALL ELECTRICAL WORK SHALL MEET ALL OF THE REQUIREMENTS OF THE FOLLOWING:
 - FLORIDA BUILDING CODE (FBC) 7TH EDITION (2020): THIS CODE INCLUDES THE 2020 FBC BUILDING, MECHANICAL, PLUMBING, ENERGY CONSERVATION, WITH 2022 SUPPLEMENT (EFFECTIVE JANUARY 1, 2023), FUEL GAS, ACCESSIBILITY, AND TEST PROTOCOLS VOLUMES. FURTHER, SEE "REFERENCED STANDARDS" IN THE FBC BUILDING CHAPTER 35; FBC MECHANICAL CHAPTER 15; FBC PLUMBING CHAPTER 14; FBC ENERGY CONSERVATION CHAPTER 6; AND FBC FUEL GAS CHAPTER 8) (EFFECTIVE DECEMBER 31, 2020).
 - 7TH EDITION OF THE FLORIDA FIRE PREVENTION CODE (FFPC); (THIS CODE ALSO INCLUDES THE FLORIDA VERSIONS OF NFPA 1 AND NFPA 101.) (EFFECTIVE DECEMBER 31, 2020).
 - 2017 NATIONAL ELECTRIC CODE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND VERIFY THE EXISTING CONDITIONS TO GAIN KNOWLEDGE OF THE SCOPE OF WORK INVOLVED.
- "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
- IN GENERAL, THESE DRAWINGS ARE SCHEMATIC IN NATURE AND SHOULD NOT BE SCALED. IT SHALL NOT BE THE INTENT OF THESE PLANS AND/OR SPECIFICATIONS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION, PROVIDE ALL ITEMS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- ELECTRICAL INSTALLATION SHALL BE CLOSELY COORDINATED WITH ALL OTHER TRADES. REVIEW THE ENTIRE SET OF DOCUMENTS FOR COORDINATION. NO COST SHALL BE ASSOCIATED WITH ILL-TIMED INSTALLATION INCLUDING ANY REPAIRS OR REPLACEMENTS.
- ALL CONDUITS AND BOXES SHALL BE CONCEALED UNLESS OTHERWISE NOTED. ALL CONDUIT RUNS ARE SCHEMATIC IN NATURE. EXACT ROUTING TO BE DETERMINED IN THE FIELD UNLESS OTHERWISE NOTED.
- APPLY A BITUMASTIC COATING FOR ALL CONDUITS PENETRATING FLOOR SLABS FROM BELOW GRADE.
- PROVIDE ALL REQUIRED PULL BOXES, JUNCTION BOXES, ETC. FOR A COMPLETE INSTALLATION.
- PATCH, REPAIR AND REPAINT ALL WALLS THAT HAVE BEEN DAMAGED DUE TO ELECTRICAL ROUGH-IN. REMOVE ANY UNUSED CONDUIT AND WIRE.
- PROVIDE FIRE-STOPPING AT ALL FIRE WALL PENETRATIONS. USE A U.L. APPROVED SYSTEM LISTED FOR THE ASSOCIATED INSTALLATION.
- ALL CONDUCTORS SHALL BE STRANDED COPPER, THIN/THWN, MINIMUM #12 AWG. ALL CONDUCTORS SHALL BE IN CONDUIT. FLEXIBLE CONDUIT SHALL BE LIMITED TO A MAXIMUM OF 6'-0" IN LENGTH.
- MC CABLE OR OTHER PREMANUFACTURED CABLING SHALL NOT BE USED UNLESS APPROVED BY THE OWNER AND ENGINEER.
- ALL CIRCUITS SHALL CONTAIN A SEPARATE, GREEN, COPPER GROUNDING CONDUCTOR.
- WHEN REUSING OR EXTENDING EXISTING CIRCUITS, VERIFY ALL CIRCUIT NUMBERS AND VERIFY ANY EXISTING LOAD. CIRCUITS MAY BE PICKED UP AT AN EXISTING JUNCTION BOX IF AVAILABLE RATHER THAN PROVIDING A SEPARATE HOMERUN TO A PANEL.
- PANELBOARDS SHALL BE ACCURATELY LABELED TO IDENTIFY FINAL CIRCUIT NUMBERS UTILIZED, THEIR LOAD AND LOCATION.
- BRANCH CIRCUIT SHALL NOT BE RUN UNDERGROUND UNLESS SPECIFIED OR APPROVED BY THE OWNER AND ENGINEER. ROUTE CONCEALED IN WALL AND ABOVE CEILINGS. DISTRIBUTION FEEDERS FROM THE MAIN SWITCHBOARD MAY BE RUN UNDERGROUND.
- PROVIDE FIRE RETARDANT U.L. APPROVED SEALANT ON ALL PENETRATIONS OF FIRE RATED PARTITIONS, WALLS AND STRUCTURAL SLABS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, PRIOR TO SUBMITTING BID, LOCATIONS OF ALL SUCH FIRE RATED PARTITIONS, WALL AND STRUCTURAL SLABS.
- PROVIDE HANDLE TIES FOR 2 OR MORE SINGLE POLE WITH SHARED NEUTRALS TO COMPLY WITH NEC 210.4 (B)
- OBTAIN FROM OWNER AND REFER TO 8.5" x 11" BOOK TYPE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



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9330 E Columbus Dr, Tampa, FL 33619

Add Permanent Generator

ELECTRICAL LEGEND AND GENERAL NOTES

SHEET
E0.1



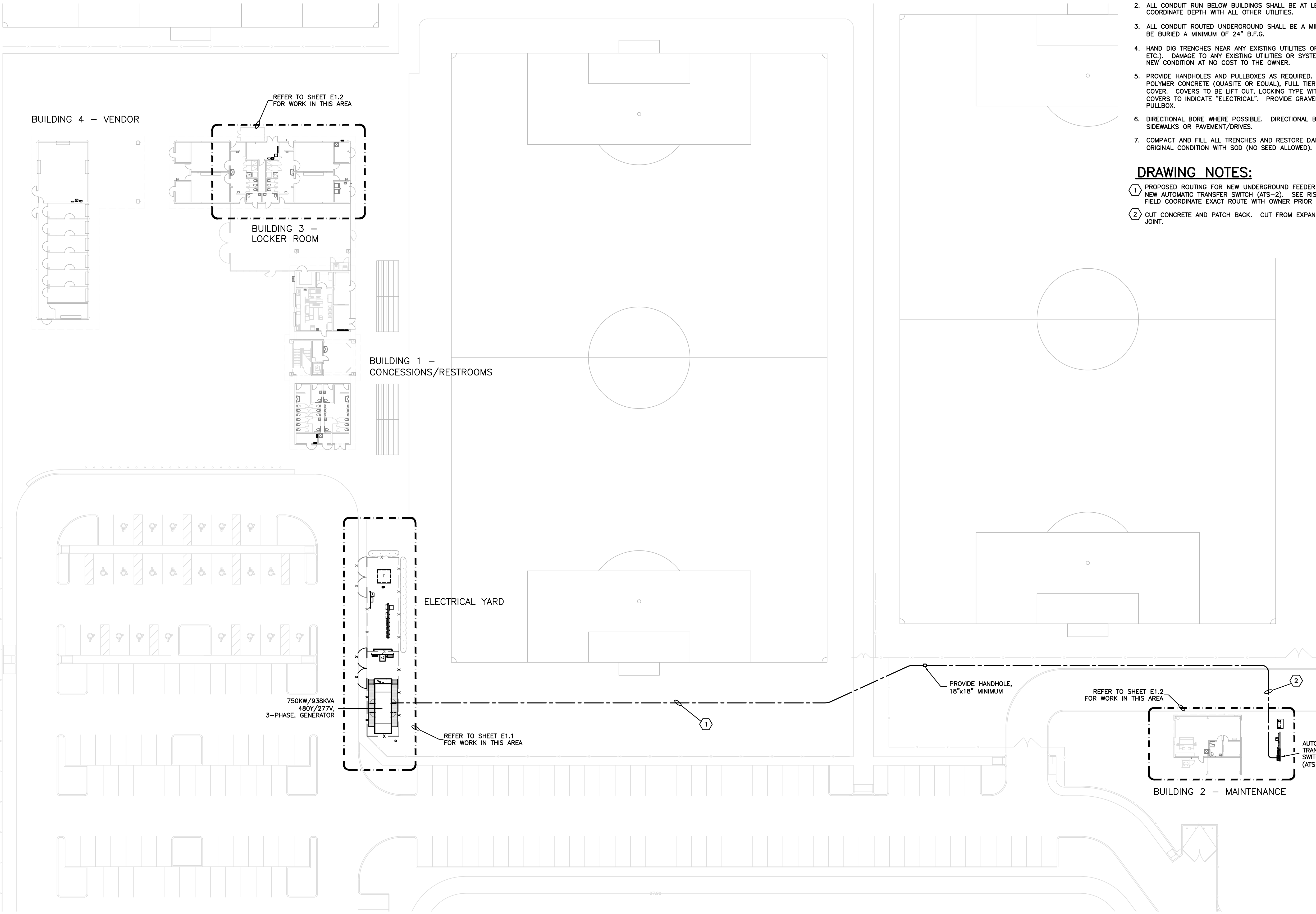
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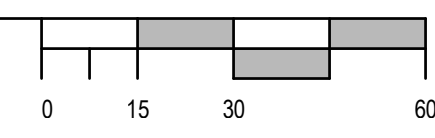
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1
E1.0
ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"



GENERAL NOTES:

- COORDINATE ALL SITE WORK WITH OWNER AND UTILITY COMPANIES.
- ALL CONDUIT RUN BELOW BUILDINGS SHALL BE AT LEAST 24" BELOW GRADE. COORDINATE DEPTH WITH ALL OTHER UTILITIES.
- ALL CONDUIT ROUTED UNDERGROUND SHALL BE A MINIMUM OF 3/4" AND SHALL BE BURIED A MINIMUM OF 24" B.F.G.
- HAND DIG TRENCHES NEAR ANY EXISTING UTILITIES OR SYSTEMS (I.E. IRRIGATION, ETC.). DAMAGE TO ANY EXISTING UTILITIES OR SYSTEMS SHALL BE REPAIRED TO NEW CONDITION AT NO COST TO THE OWNER.
- PROVIDE HANDHOLES AND PULLBOXES AS REQUIRED. ALL PULLBOXES SHALL BE POLYMER CONCRETE (QUASITE OR EQUAL), FULL TIER 22 TRAFFIC RATED BOX AND COVER. COVERS TO BE LIFT OUT, LOCKING TYPE WITH (2) HEX HEAD BOLTS. COVERS TO INDICATE "ELECTRICAL". PROVIDE GRAVEL (1FT.) IN BOTTOM OF PULLBOX.
- DIRECTIONAL BORE WHERE POSSIBLE. DIRECTIONAL BORE UNDER ANY EXISTING SIDEWALKS OR PAVEMENT/DRIVES.
- COMPACT AND FILL ALL TRENCHES AND RESTORE DAMAGED GRASS AREAS TO ORIGINAL CONDITION WITH SOD (NO SEED ALLOWED).

DRAWING NOTES:

- PROPOSED ROUTING FOR NEW UNDERGROUND FEEDER FROM NEW GENERATOR TO NEW AUTOMATIC TRANSFER SWITCH (ATS-2). SEE RISER DIAGRAM FOR FEEDER SIZE. FIELD COORDINATE EXACT ROUTE WITH OWNER PRIOR TO INSTALLATION.
- CUT CONCRETE AND PATCH BACK. CUT FROM EXPANSION JOINT TO EXPANSION JOINT.

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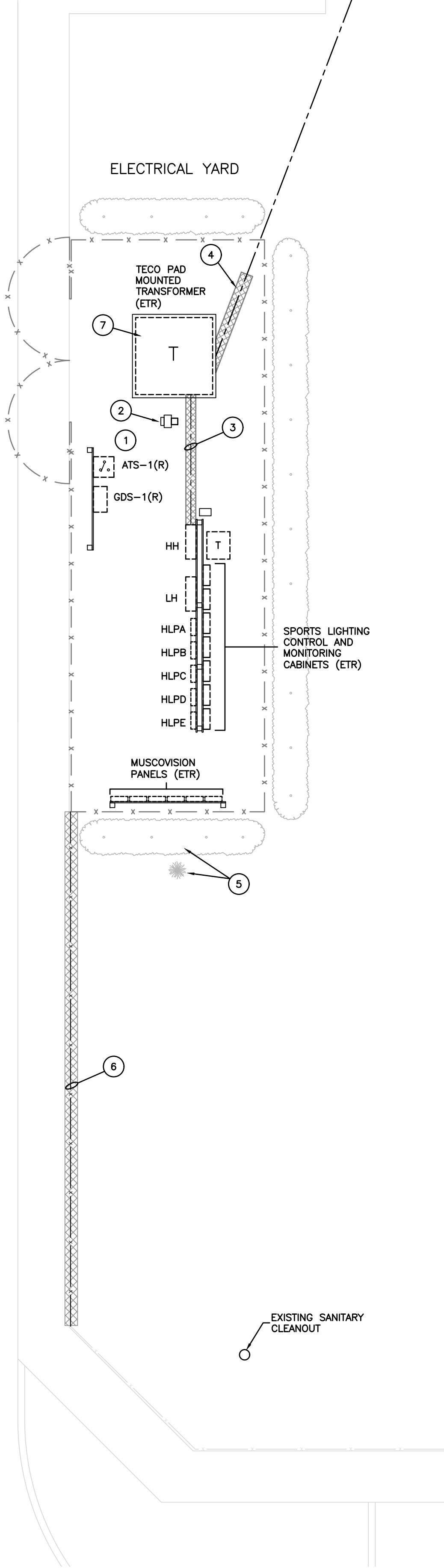
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ELECTRICAL SITE PLAN

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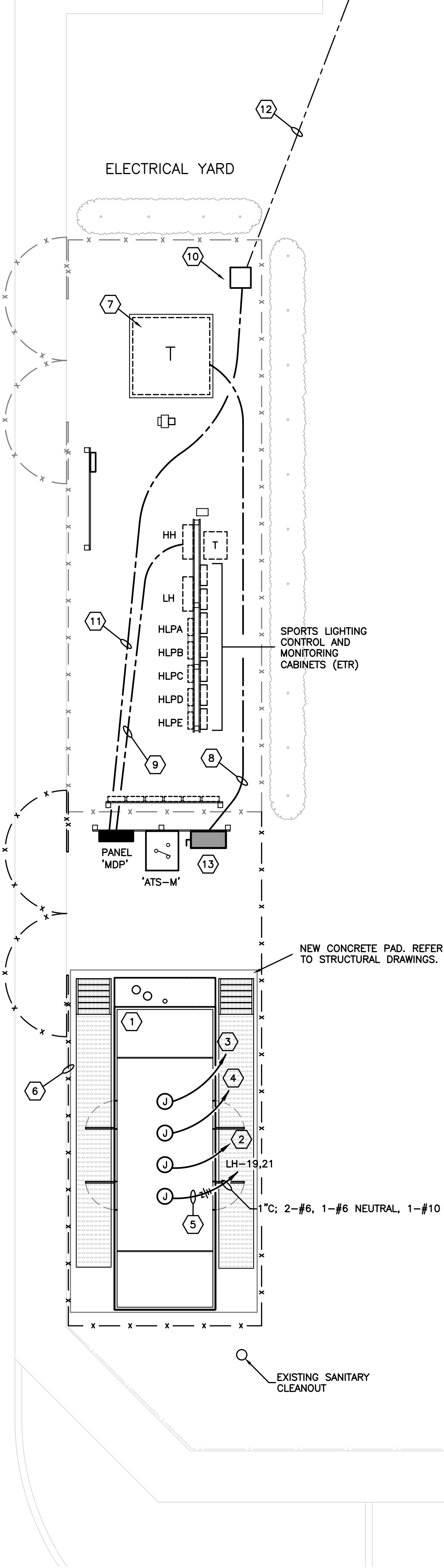
SHEET
E1.0



1 ELECTRICAL YARD PLAN - DEMOLITION
 SCALE: 1/8" = 1'-0"
 0 4 8 16

DEMOLITION NOTES:

- 1 EXISTING AUTOMATIC TRANSFER SWITCH (ATS-1) AND GENERATOR DOCKING STATION ARE TO BE REMOVED. SPLICE AND EXTEND EXISTING CIRCUIT TO PANEL 'LH' IN NEW JUNCTION BOX.
- 2 EXISTING TECO METER TO REMAIN.
- 3 REMOVE EXISTING SERVICE ENTRANCE RACEWAY AND CONDUCTORS FROM TECO TRANSFORMER. REFER TO ELECTRICAL RISER DIAGRAM - DEMOLITION, SHEET E2.0 FOR MORE REQUIREMENTS.
- 4 INTERRUPT EXISTING BUILDING 3 SERVICE ENTRANCE RACEWAY AND CONDUCTORS AND RE-ROUTE ACCORDINGLY. REMOVE EXISTING CONDUCTORS AND PROVIDE NEW. REFER TO ELECTRICAL YARD PLAN - NEW WORK (THIS SHEET) AND ELECTRICAL RISER DIAGRAM - NEW WORK (SHEET E2.1) FOR MORE REQUIREMENTS.
- 5 REMOVE EXISTING LANDSCAPING ON SOUTH END OF ELECTRICAL YARD IN PREPARATION FOR INSTALLATION OF NEW GENERATOR YARD.
- 6 REMOVE EXISTING FENCING ALONG WALKWAY AT SOUTH END OF ELECTRICAL YARD IN PREPARATION FOR INSTALLATION OF NEW GENERATOR YARD.
- 7 CONTACT TAMPA ELECTRIC AND MAKE ARRANGEMENTS FOR TRANSFORMER SHUTDOWN AND TURN-ON.



2 ELECTRICAL YARD PLAN - NEW WORK
 SCALE: 1/8" = 1'-0"
 0 4 8 16

DRAWING NOTES -- NEW WORK:

- 1 750KW/938KVA, 480Y/277V, 3-PHASE, GENERATOR. THE GENERATOR IS PRE-PURCHASED BY OWNER, INSTALLED BY CONTRACTOR.
- 2 1" CONDUIT WITH EPO CABLING TO ELECTRICAL ROOM 103.
- 3 1-1/4" CONDUIT WITH ATS CONTROL WIRING TO AUTOMATIC TRANSFER SWITCH 'ATS-M'.
- 4 1" CONDUIT WITH GENERATOR REMOTE ANNUNCIATION CABLING.
- 5 GENERATOR LOADCENTER MOUNTED INTEGRAL TO THE GENERATOR ENCLOSURE WITH FACTORY WIRING AND CONNECTED CIRCUITS FROM THE LOADCENTER TO THE BATTERY CHARGER, JACKET WATER HEATER, BLOCK HEATER, ENCLOSURE LIGHTS, RECEPTACLE, ETC. GENERATOR WILL BE PROVIDED WITH REQUIRED BREAKERS IN THE LOADCENTER FOR EACH CIRCUIT.
- 6 PROVIDE NEW CHAIN LINK FENCE WITH GATE. PROVIDE CRUSHED ROCK BETWEEN FENCE AND PAD. FENCE AND GATE SHALL MATCH EXISTING FENCE AND GATE.
- 7 CONTACT TAMPA ELECTRIC AND MAKE ARRANGEMENTS FOR TRANSFORMER SHUTDOWN AND TURN-ON. COORDINATE ALL SHUTDOWNS WITH OWNER WITH A MINIMUM 2 WEEKS NOTICE. POWER SHALL NOT BE SHUT DOWN WITHOUT PRIOR OWNER APPROVAL.
- 8 PROVIDE NEW 1200 AMP, 480 VOLT, 3 PHASE ELECTRICAL SERVICE FROM THE EXISTING TECO PAD MOUNTED TRANSFORMER TO THE NEW SERVICE ENTRANCE RATED DISCONNECT 'MAIN'. CONTACT TAMPA ELECTRIC AND MAKE ARRANGEMENTS FOR NEW SERVICE CONNECTION TO EXISTING TRANSFORMER. REFER TO ELECTRICAL RISER DIAGRAM - NEW WORK, SHEET E2.1.
- 9 PROVIDE NEW UNDERGROUND FEEDER FROM PANEL 'MDP' TO EXISTING PANEL 'HH'. REFER TO ELECTRICAL RISER DIAGRAM - NEW WORK, SHEET E2.1 FOR CONDUIT AND CONDUCTOR SIZES.
- 10 PROVIDE NEW 24" X 24" HANDHOLE WITH TRAFFIC RATED COVER, FIBERGLASS COMPOSITE TYPE.
- 11 PROVIDE NEW UNDERGROUND RACEWAY FROM PANEL 'MDP' TO NEW HANDHOLE. AT HANDHOLE, EXTEND RACEWAY TO EXISTING. PROVIDE NEW CONDUCTORS FROM PANEL 'MDP' TO DISCONNECT IN BUILDING 3. REFER TO ELECTRICAL RISER DIAGRAM - NEW WORK, SHEET E2.1 FOR CONDUIT AND CONDUCTOR SIZES.
- 12 EXISTING RACEWAY TO BUILDING 3 TO BE REUSED, WITH NEW CONDUCTORS.
- 13 NEW SERVICE ENTRANCE TYPE 1200 AMP, 480 VOLT, 3 PHASE, 4 WIRE NEMA 3R ENCLOSED CIRCUIT BREAKER WITH GFI PROTECTION AND ADJUSTABLE LONG TIME, SHORT TIME AND INSTANTANEOUS TRIP SETTING.

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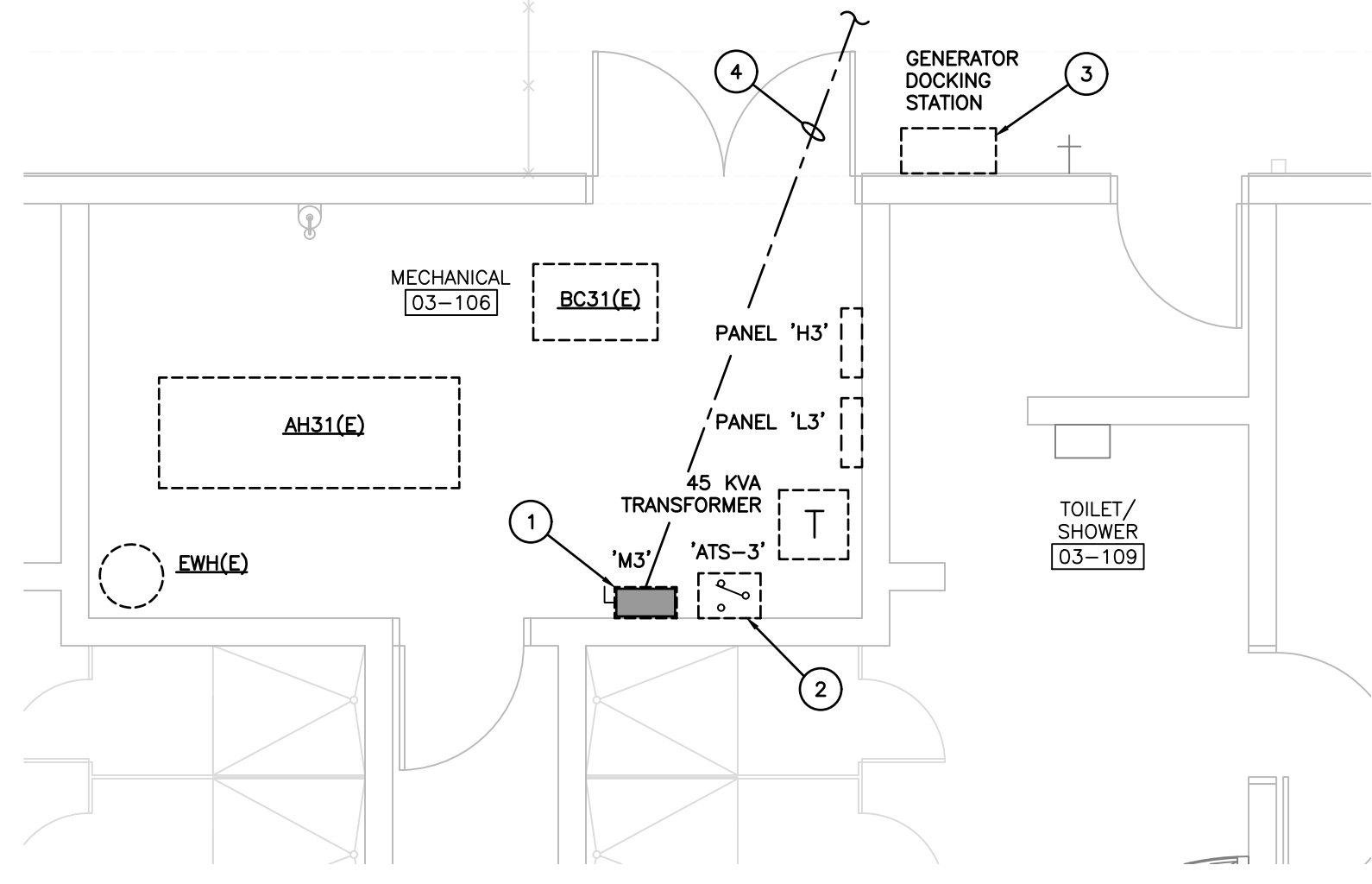
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BUILDING 3 DEMOLITION NOTES:

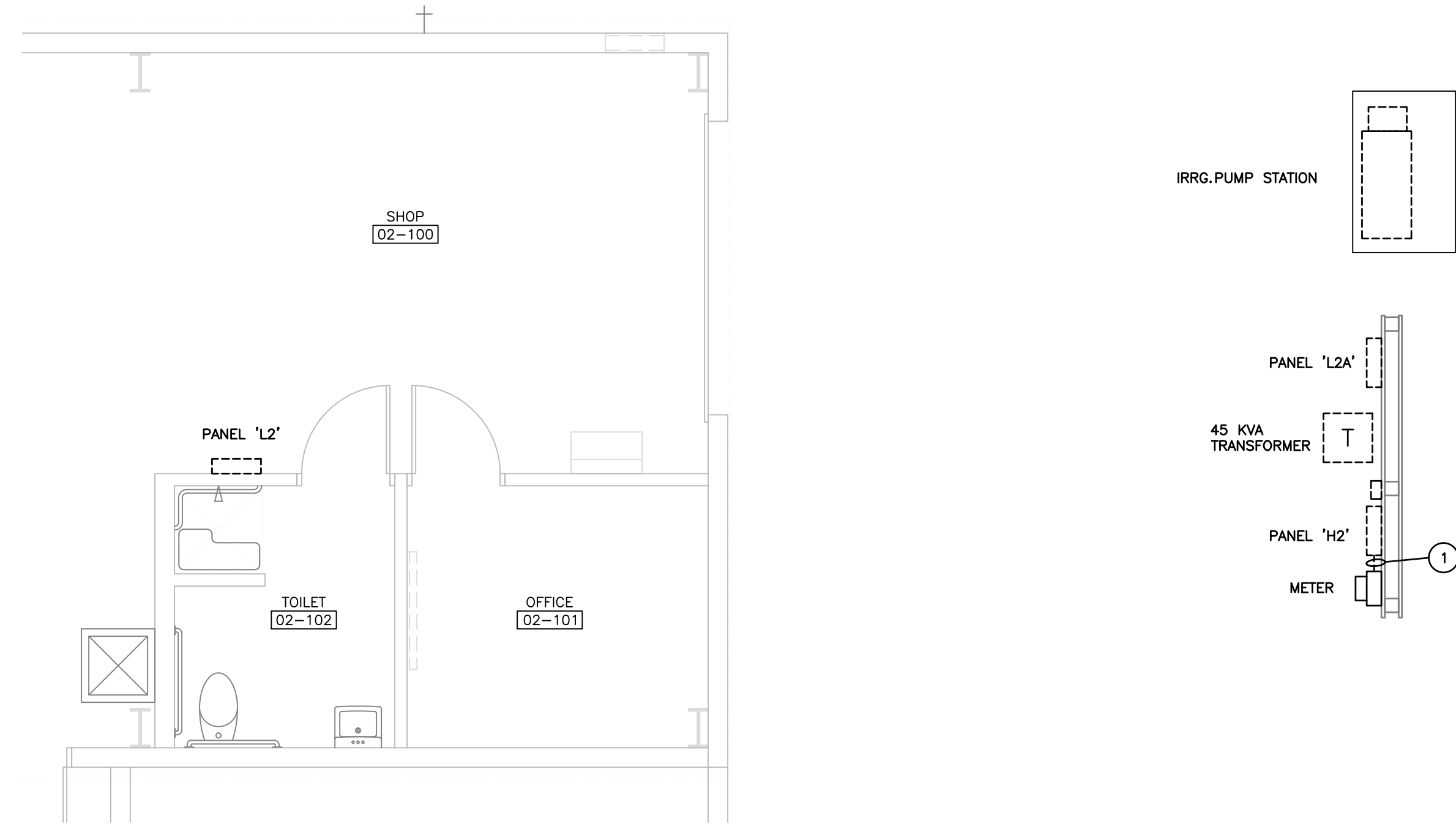
- 1 EXISTING 200 AMP, NEMA 1, 480 VOLT, 3 PHASE, 4-WIRE, MAIN SERVICE DISCONNECT, FUSED AT 150 AMPS. EXISTING DISCONNECT TO REMAIN.
- 2 EXISTING AUTOMATIC TRANSFER SWITCH (ATS-3) TO BE REMOVED. REMOVE THE EXISTING CIRCUIT FROM MAIN DISCONNECT TO 'ATS-3' AND THE EXISTING CIRCUIT FROM 'ATS-3' TO PANEL 'H3'. REFER TO ELECTRICAL RISER DIAGRAM - DEMOLITION, SHEET E2.0 FOR ADDITIONAL INFORMATION.
- 3 EXISTING GENERATOR DOCKING STATION TO BE REMOVED.
- 4 REMOVE EXISTING SERVICE ENTRANCE CONDUCTORS FROM EXISTING SERVICE DISCONNECT TO TECO TRANSFORMER IN ELECTRICAL YARD. EXISTING RACEWAY SHALL REMAIN AND BE REUSED.



1 BUILDING 3 ELECTRICAL ROOM PLAN - DEMOLITION
SCALE: 1/4" = 1'-0"
0 2 4 8

BUILDING 3 DEMOLITION NOTES:

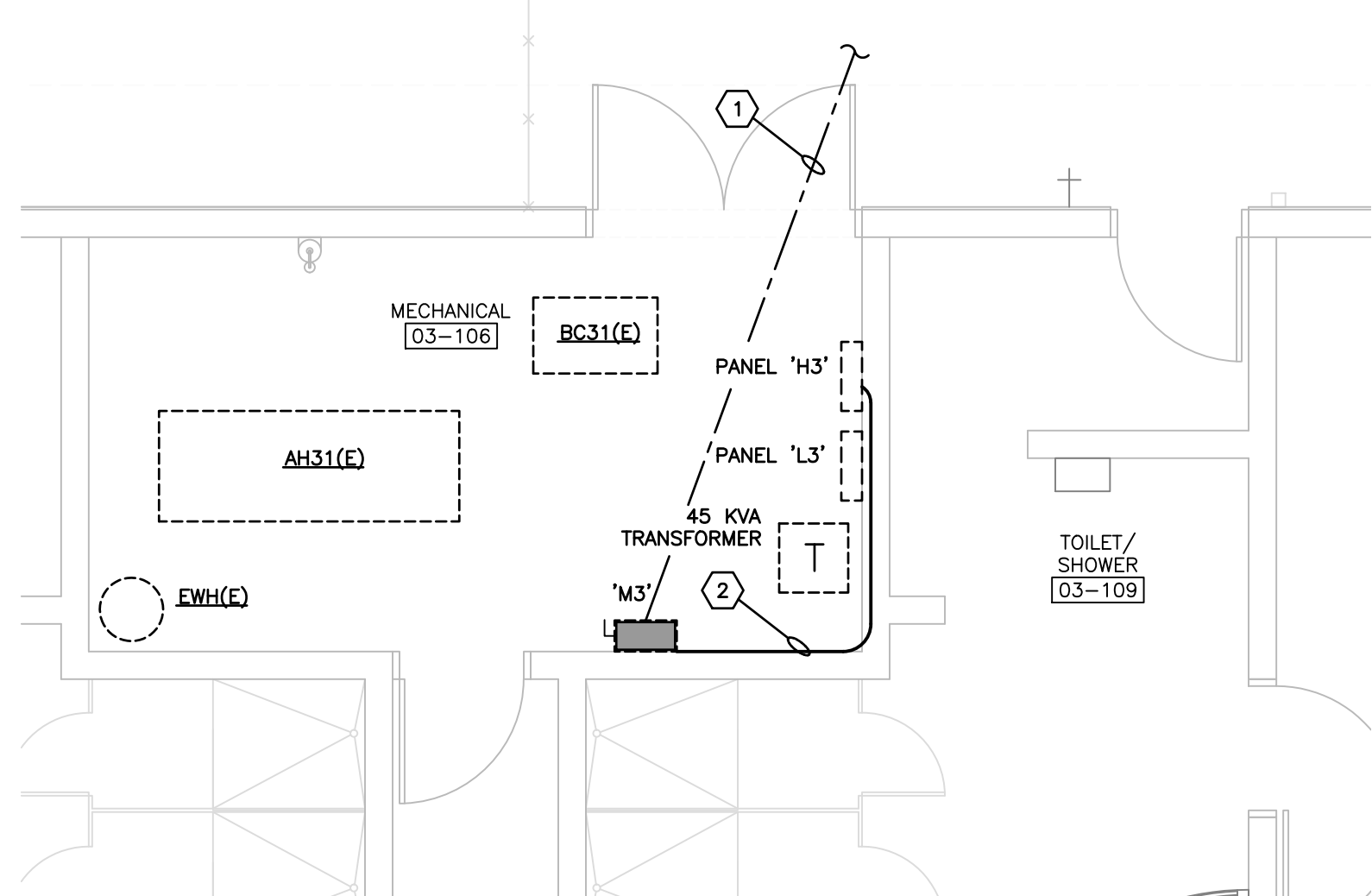
- 1 REMOVE EXISTING SERVICE ENTRANCE RACEWAY AND CONDUCTORS FROM TECO METER TO EXISTING PANEL 'H2'.



3 BUILDING 2 ELECTRICAL PLAN - DEMOLITION
SCALE: 1/4" = 1'-0"
0 2 4 8

BUILDING 3 DRAWING NOTES - NEW WORK:

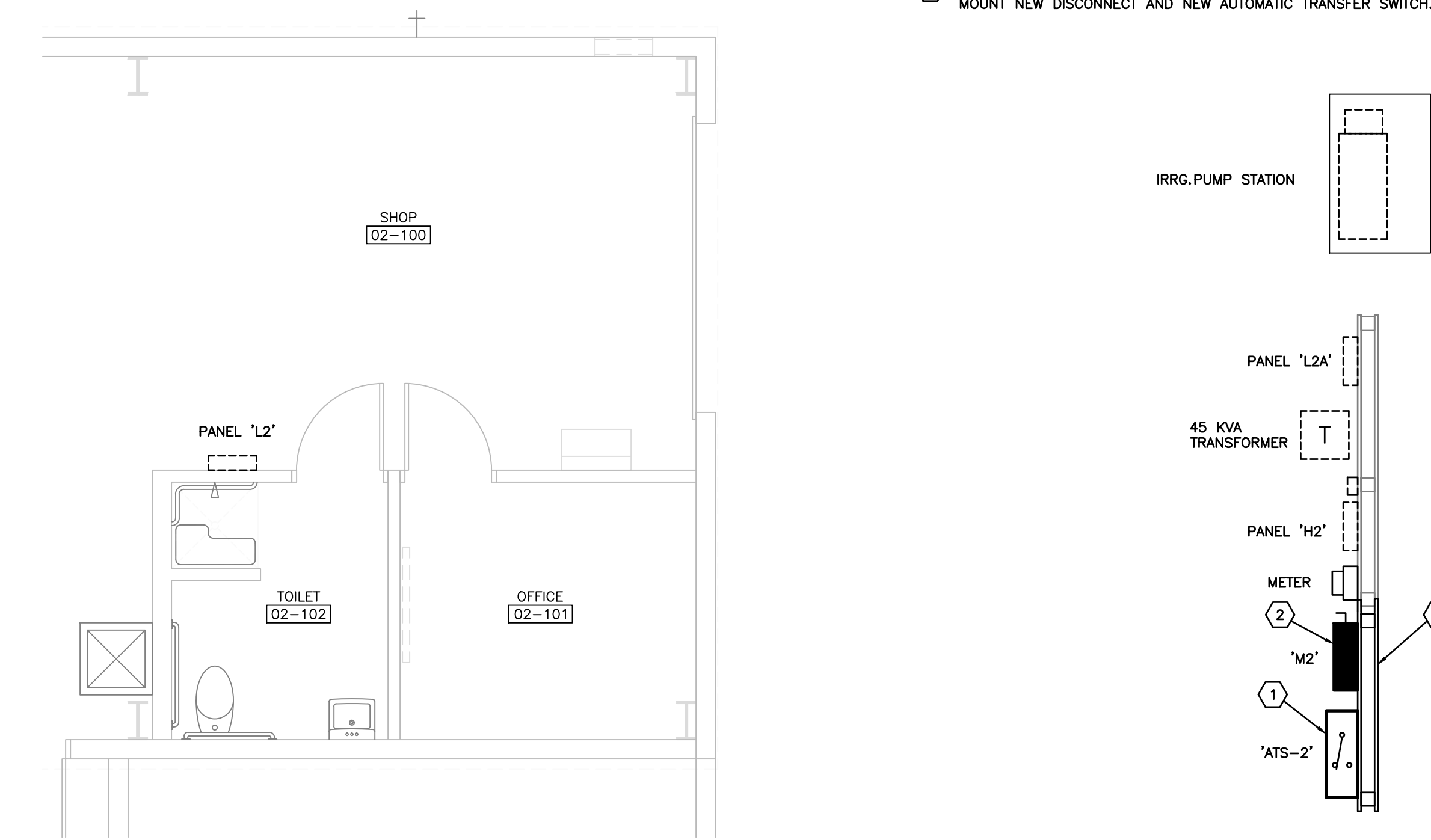
- 1 PROVIDE NEW CONDUCTORS IN EXISTING UNDERGROUND RACEWAY FROM MAIN DISCONNECT TO PANEL 'MDP' IN ELECTRICAL YARD. REFER TO ELECTRICAL RISER DIAGRAM - NEW WORK, SHEET E2.1 FOR ADDITIONAL INFORMATION.
- 2 PROVIDE NEW 150 AMP, 480V, 3 POLE FEEDER FROM MAIN DISCONNECT 'M' TO EXISTING PANEL 'H3'. REFER TO ELECTRICAL RISER DIAGRAM - NEW WORK, SHEET E2.1 FOR CONDUIT AND CONDUCTOR SIZING.



2 BUILDING 3 ELECTRICAL ROOM PLAN - NEW WORK
SCALE: 1/4" = 1'-0"
0 2 4 8

BUILDING 2 DRAWING NOTES - NEW WORK:

- 1 NEW AUTOMATIC TRANSFER SWITCH (ATS-2). ATS SHALL BE 250 AMP, 3 POLE, 4 WIRE, SOLID NEUTRAL, 480 VOLT, NEMA 3R OUTDOOR ENCLOSURE. REFER TO ELECTRICAL RISER DIAGRAM - NEW WORK, AND SPECIFICATIONS FOR MORE REQUIREMENTS.
- 2 NEW 400 AMP, NEMA 3R, 480 VOLT, 3-PHASE, 4-WIRE, SERVICE ENTRANCE RATED MAIN DISCONNECT ('M2'), FUSED AT 250 AMPS.
- 3 PROVIDE ADDITIONAL GALVANIZED STEEL UNISTRUT FRAME ASSEMBLY AS REQUIRED TO MOUNT NEW DISCONNECT AND NEW AUTOMATIC TRANSFER SWITCH.



4 BUILDING 2 ELECTRICAL PLAN - NEW WORK
SCALE: 1/4" = 1'-0"
0 2 4 8

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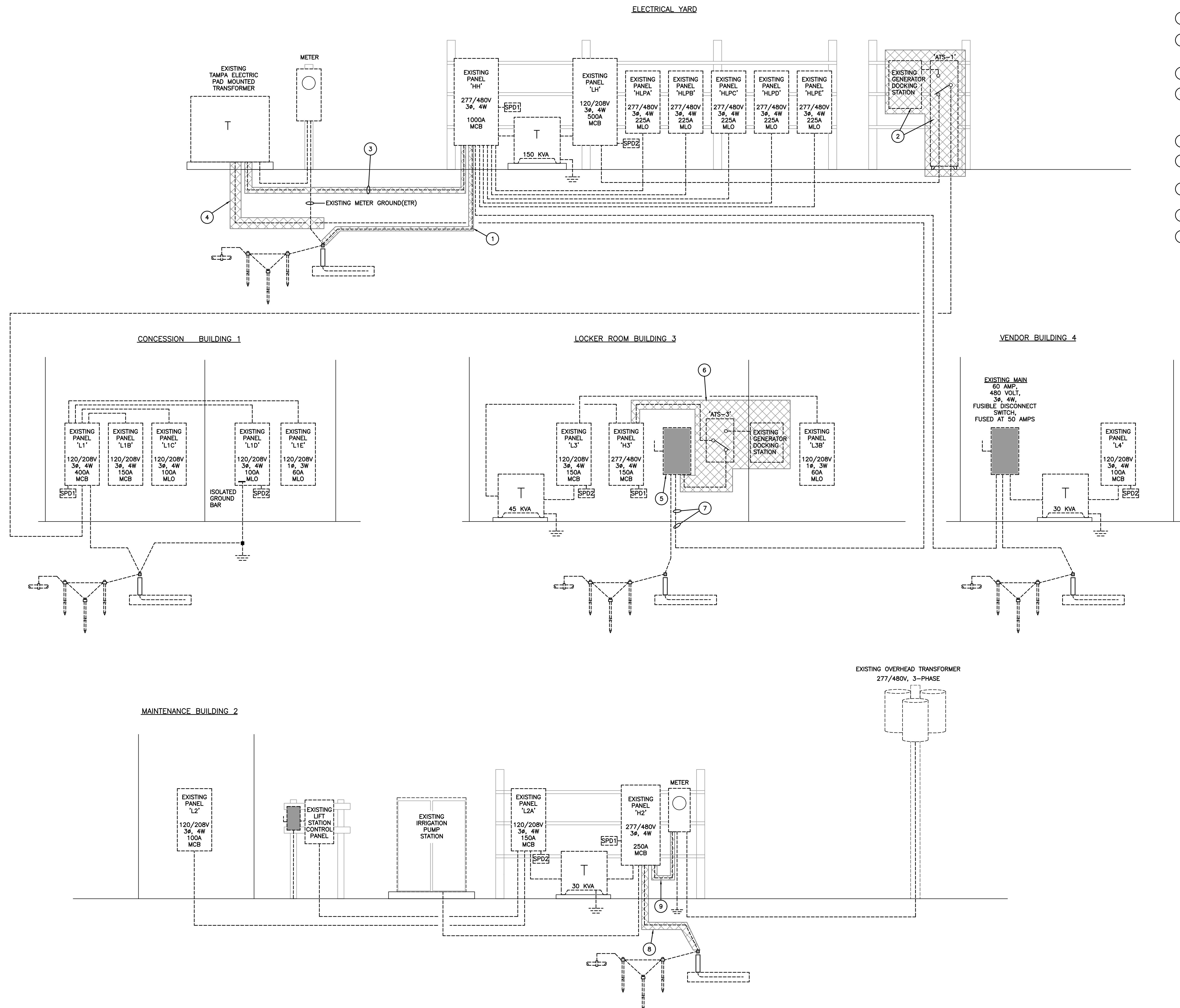
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POWER RISER NOTES

- 1 REMOVE EXISTING SERVICE ENTRANCE GROUNDING CONDUCTOR FROM EXISTING PANEL 'HH'.
- 2 REMOVE EXISTING AUTOMATIC TRANSFER SWITCH (ATS-1) AND GENERATOR DOCKING STATION. EXISTING CIRCUIT SHALL REMAIN AND BE EXTENDED TO EXISTING PANEL 'LH' IN NEW JUNCTION BOX TO BE MOUNTED ON UNISTRUT. REFER TO ELECTRICAL RISER DIAGRAM - NEW WORK.
- 3 REMOVE EXISTING SERVICE ENTRANCE RACEWAY AND CONDUCTORS FROM TECO PAD MOUNTED TRANSFORMER TO EXISTING PANEL 'HH'.
- 4 INTERRUPT EXISTING BUILDING 3 SERVICE ENTRANCE RACEWAY AND RE-ROUTE TO NEW HAND HOLE IN ELECTRICAL YARD. REMOVE EXISTING SERVICE ENTRANCE CONDUCTORS FROM TECO TRANSFORMER TO EXISTING SERVICE DISCONNECT IN BUILDING 3. REFER TO ELECTRICAL YARD PLAN - NEW WORK (SHEET E1.1) AND ELECTRICAL RISER DIAGRAM - NEW WORK (SHEET E2.1) FOR MORE REQUIREMENTS.
- 5 EXISTING 200 AMP, NEMA 1, 480 VOLT, 3 PHASE, 4-WIRE, MAIN SERVICE DISCONNECT, FUSED AT 150 AMPS. EXISTING DISCONNECT TO REMAIN.
- 6 REMOVE EXISTING AUTOMATIC TRANSFER SWITCH (ATS-3) AND GENERATOR DOCKING STATION. THE EXISTING CIRCUIT FROM MAIN DISCONNECT TO 'ATS-3' AND THE EXISTING CIRCUIT FROM 'ATS-3' TO PANEL 'H3' SHALL BE REMOVED.
- 7 REMOVE EXISTING SERVICE ENTRANCE CONDUCTORS FROM EXISTING SERVICE DISCONNECT TO TECO TRANSFORMER IN ELECTRICAL YARD. EXISTING RACEWAY SHALL REMAIN AND BE REUSED.
- 8 REMOVE EXISTING SERVICE ENTRANCE GROUNDING CONDUCTOR FROM EXISTING PANEL 'H2'.
- 9 REMOVE EXISTING SERVICE ENTRANCE RACEWAY AND CONDUCTORS FROM TECO METER TO EXISTING PANEL 'H2'.

1 ELECTRICAL RISER DIAGRAM - DEMOLITION
E2.0 NOT TO SCALE

NO.	DATE	DESCRIPTION
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TAMPA, FLORIDA, 33607 813.574.3190

Hillsborough County Florida

Tournament Sportsplex Of Tampa Bay
9330 E Columbus Dr, Tampa, FL 33619

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ELECTRICAL RISER DIAGRAM - DEMOLITION

SHEET
E2.0

Mechanical • Electrical
Plumbing

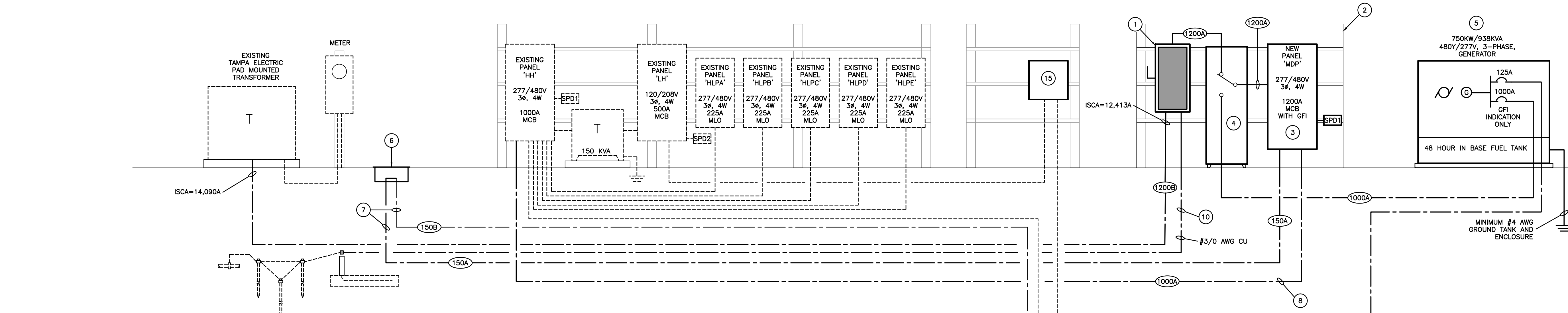
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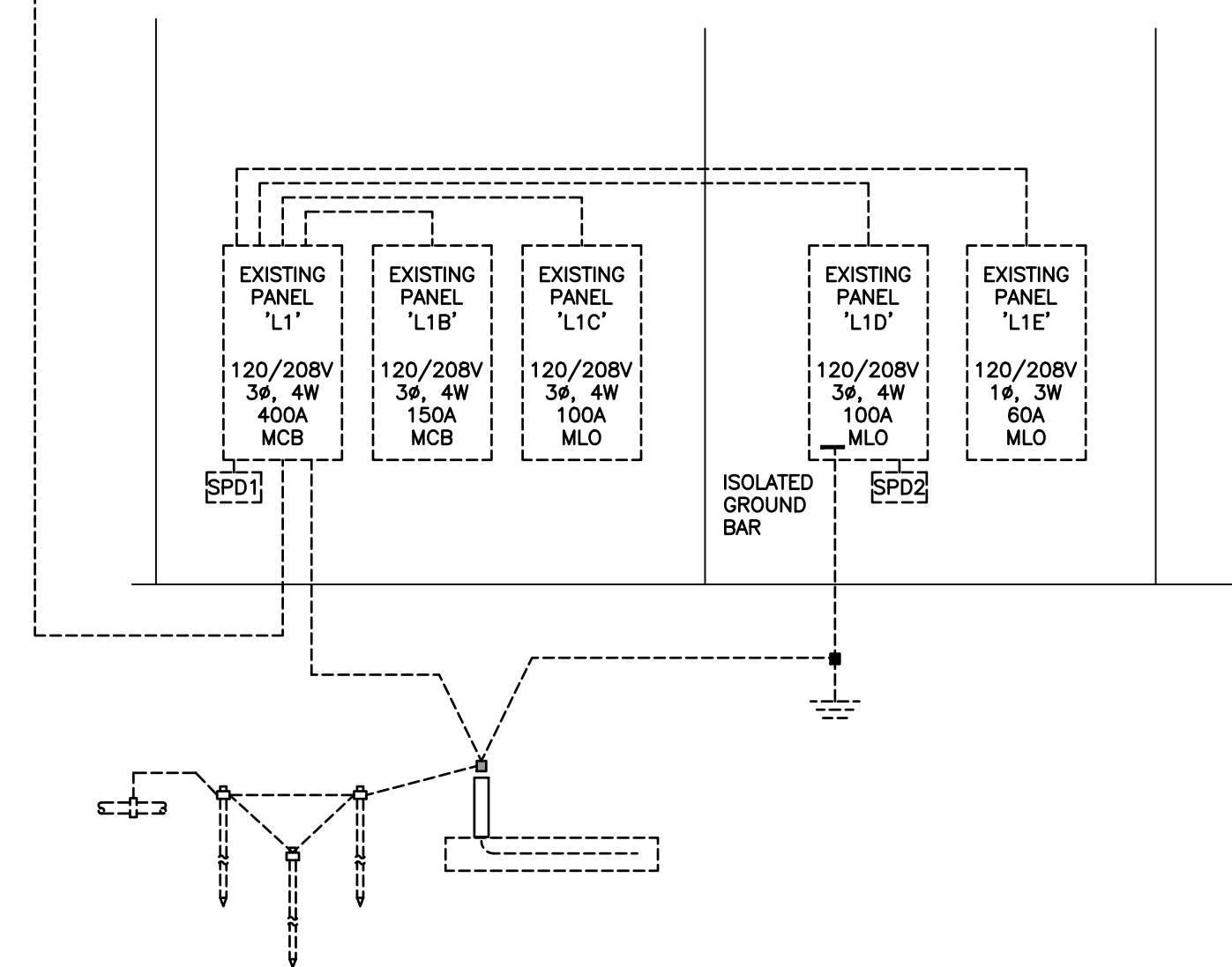
WGI - MEP PROJECT NO. - 9389.04

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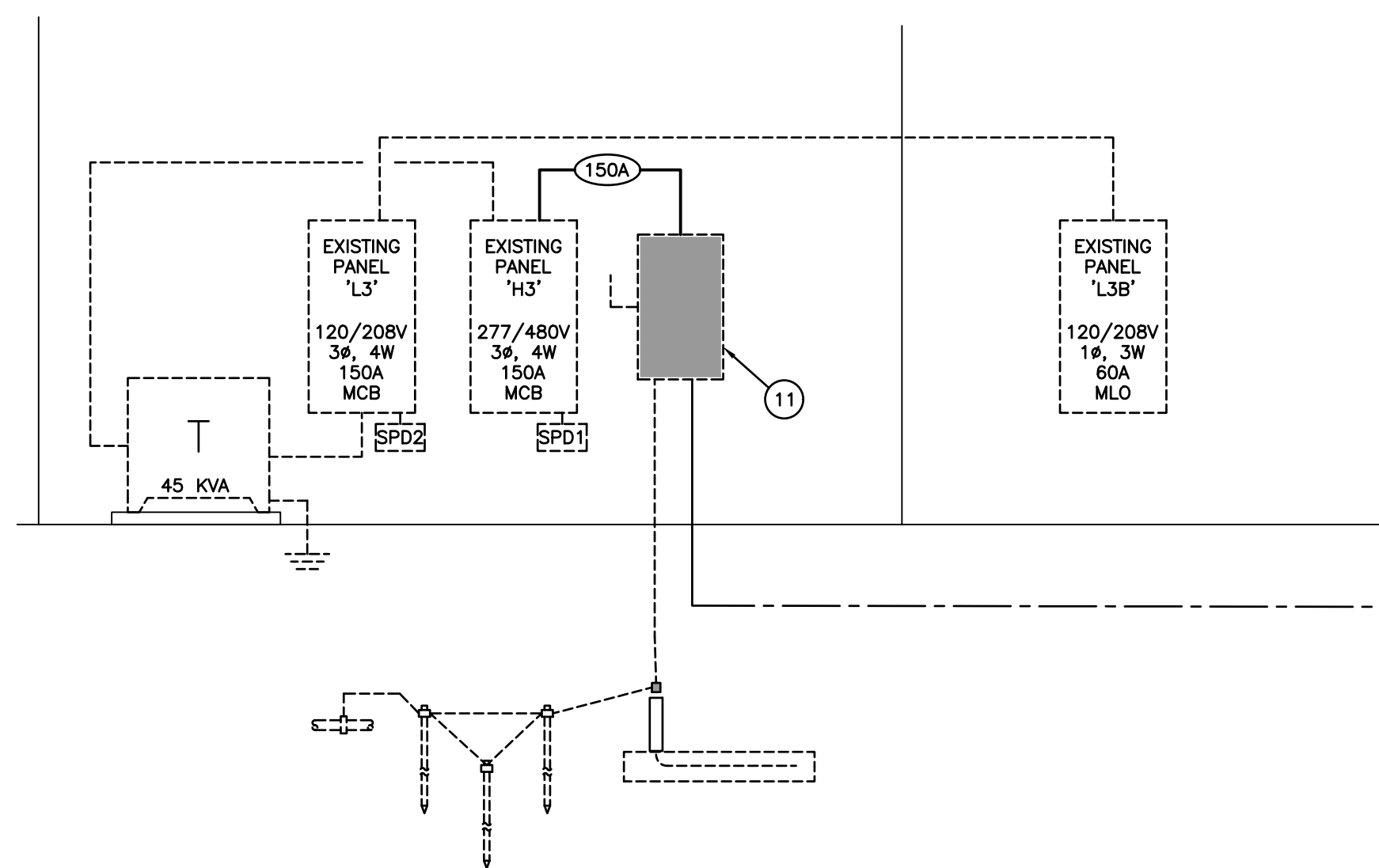
ELECTRICAL YARD



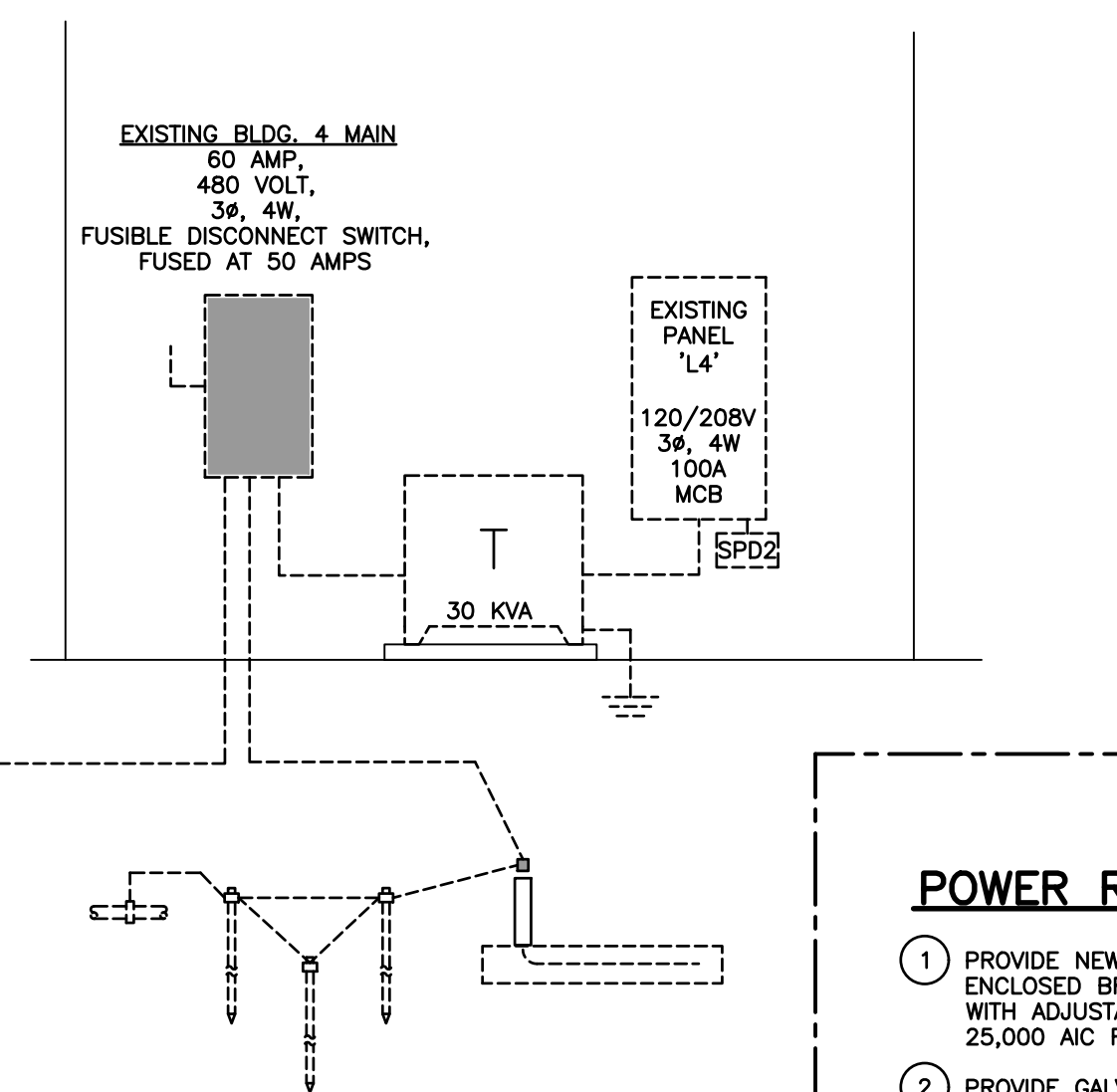
CONCESSION BUILDING 1



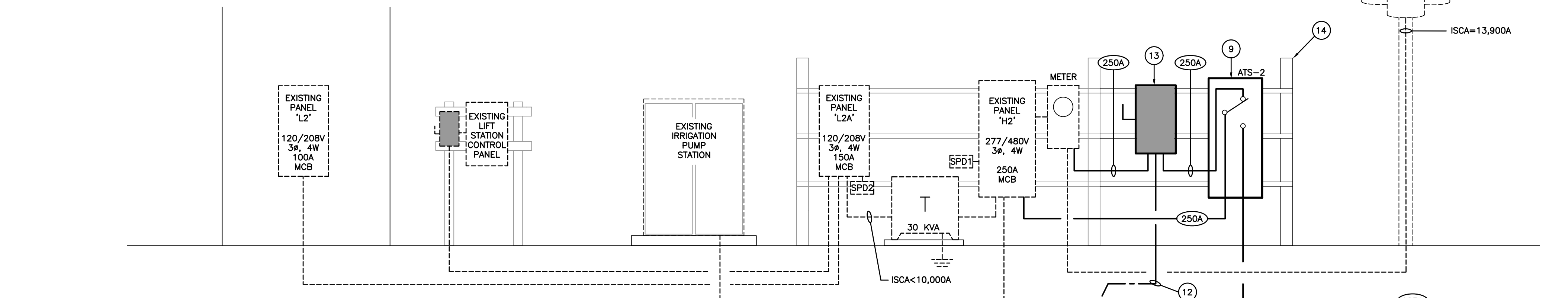
LOCKER ROOM BUILDING 3



VENDOR BUILDING 4



MAINTENANCE BUILDING 2



POWER RISER NOTES

- 1 PROVIDE NEW 1200 AMP, 480 VOLT, 3 PHASE, 4 WIRE SERVICE ENTRANCE TYPE ENCLOSED BREAKER WITH GFI PROTECTION IN NEMA 3R ENCLOSURE. PROVIDE WITH ADJUSTABLE LONG TIME, SHORT TIME AND INSTANTANEOUS TRIP SETTING. 25,000 AIC RATED.
- 2 PROVIDE GALVANIZED STEEL UNISTRUT FRAME ASSEMBLY TO MOUNT DISCONNECT, TRANSFER SWITCH AND PANELBOARD.
- 3 PANEL 'MDP' 1200A MCB WITH GFI, 277/480V, 3Ø, 4 WIRE, NEMA 3R.
- 4 NEW AUTOMATIC TRANSFER SWITCH (ATS-M). ATS SHALL BE 1200 AMP, 4 POLE, SWITCHED NEUTRAL, 480 VOLT, NEMA 3R OUTDOOR ENCLOSURE. 25,000 AIC RATED. ATS WILL BE OWNER FURNISHED, CONTRACTOR INSTALLED.
- 5 750KW/938KVA 480Y/277V, 3-PHASE, GENERATOR WITH 48 HOUR (AT 75% RATED LOAD) IN-BASE FUEL TANK. GENERATOR WILL BE OWNER FURNISHED, CONTRACTOR INSTALLED.
- 6 PROVIDE NEW 24" X 24" HANDHOLE WITH TRAFFIC RATED COVER, FIBERGLASS COMPOSITE TYPE. NO SPLICES IN HANDHOLE.
- 7 PROVIDE NEW UNDERGROUND RACEWAY FROM PANEL 'MDP' TO NEW HANDHOLE. AT HANDHOLE, EXTEND RACEWAY TO EXISTING. PROVIDE NEW CONDUCTORS FROM PANEL 'MDP' TO DISCONNECT IN BUILDING 3.
- 8 PROVIDE NEW UNDERGROUND FEEDER FROM NEW PANEL 'MDP' TO EXISTING PANEL 'HH'.
- 9 NEW AUTOMATIC TRANSFER SWITCH (ATS-2). ATS SHALL BE 250 AMP, 4 POLE, SWITCHED NEUTRAL, 480 VOLT, NEMA 3R OUTDOOR ENCLOSURE. 25,000 AIC RATED. ATS WILL BE OWNER FURNISHED, CONTRACTOR INSTALLED.
- 10 BOND NEW GROUND CONDUCTOR TO EXISTING BUILDING GROUNDING SYSTEM.
- 11 EXISTING BUILDING 3 200 AMP, MAIN DISCONNECT, FUSED AT 150 AMPS.
- 12 BOND NEW GROUND CONDUCTOR TO EXISTING BUILDING GROUNDING SYSTEM.
- 13 NEW BUILDING 2, 400 AMP, NEMA 3R, 480 VOLT, 3-PHASE, 4-WIRE, SERVICE ENTRANCE RATED MAIN DISCONNECT, FUSED AT 250 AMPS.
- 14 PROVIDE ADDITIONAL GALVANIZED STEEL UNISTRUT FRAME ASSEMBLY AS REQUIRED TO MOUNT NEW DISCONNECT AND NEW AUTOMATIC TRANSFER SWITCH.
- 15 AFTER REMOVAL OF EXISTING AUTOMATIC TRANSFER SWITCH AND GENERATOR DOCKING STATION, EXISTING PANEL 'L1' FEEDER SHALL REMAIN AND BE EXTENDED TO EXISTING PANEL 'LH' IN NEW JUNCTION BOX. MOUNT NEW JUNCTION BOX ON UNISTRUT FRAME. FEEDER MAY BE SPLICED INSIDE BOX.

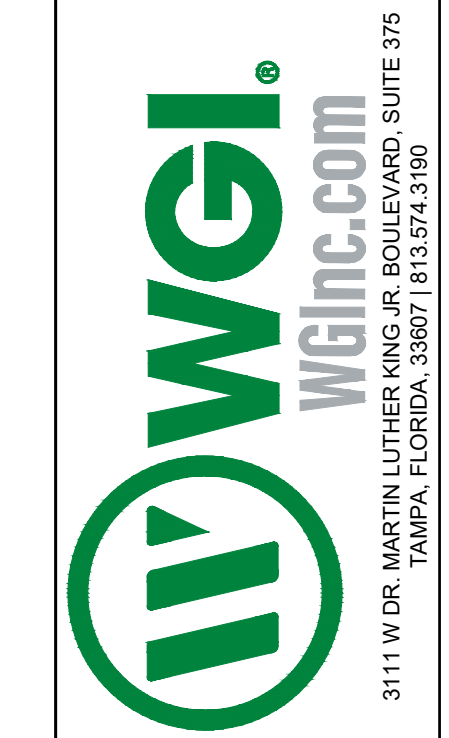
FEEDER SCHEDULE

AMPS	CONDUIT & CABLING
60A	1"Ø; 3-#6, 1-#6 NEUTRAL, 1-#10 GROUND
100A	1-1/4"Ø; 3-#3, 1-#3 NEUTRAL, 1-#8 GROUND
125A	1-1/2"Ø; 3-#1, 1-#1 NEUTRAL, 1-#6 GROUND
150A	2"Ø; 3-#1/0, 1-#1/0 NEUTRAL, 1-#6 GROUND
200A	2"Ø; 3-#3/0, 1-#3/0 NEUTRAL, 1-#6 GROUND
250A	3"Ø; 3-#250 KCMIL, 1-#250 KCMIL NEUTRAL, 1-#4 GROUND
1000A	THREE(3) 4"Ø; EACH WITH 3-#500 KCMIL, 1-#500 KCMIL NEUTRAL, 1-#3/0 GROUND
1200A	FOUR(4) 3-1/2"Ø; 3-#350 KCMIL, 1-#350 KCMIL NEUTRAL, 1-#3/0 GROUND
1200B	FOUR(4) 3-1/2"Ø; 3-#350 KCMIL, 1-#350 KCMIL NEUTRAL

ELECTRICAL RISER DIAGRAM - NEW WORK

1 E2.1 NOT TO SCALE

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ELECTRICAL RISER DIAGRAM - NEW WORK

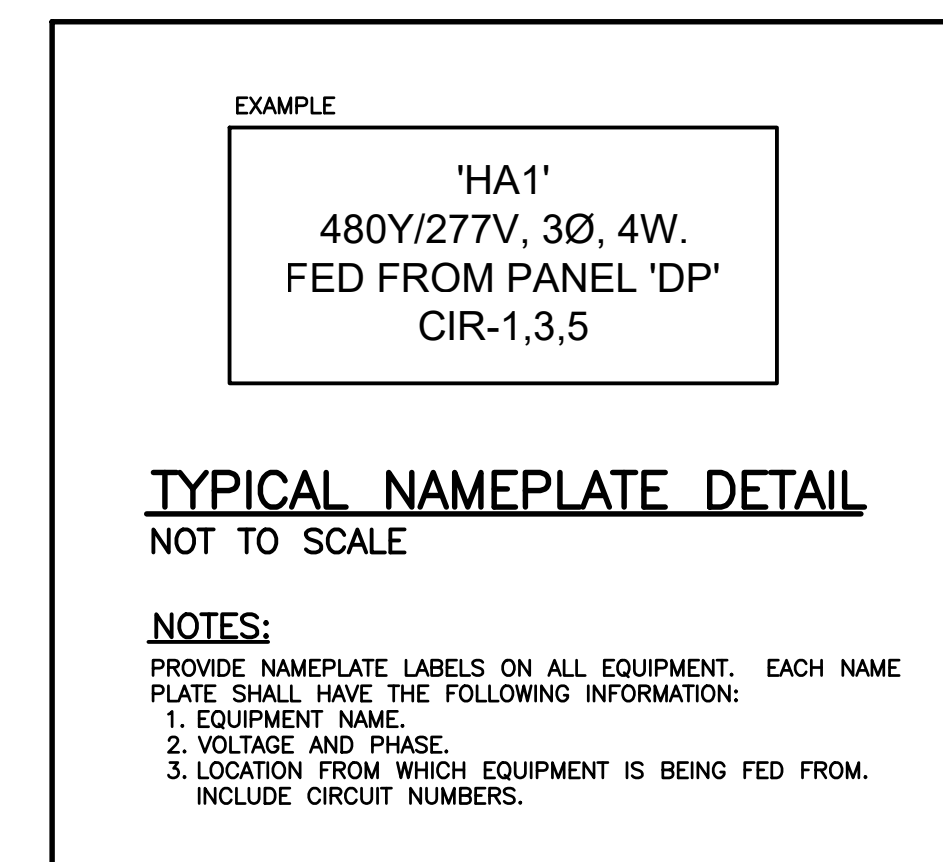
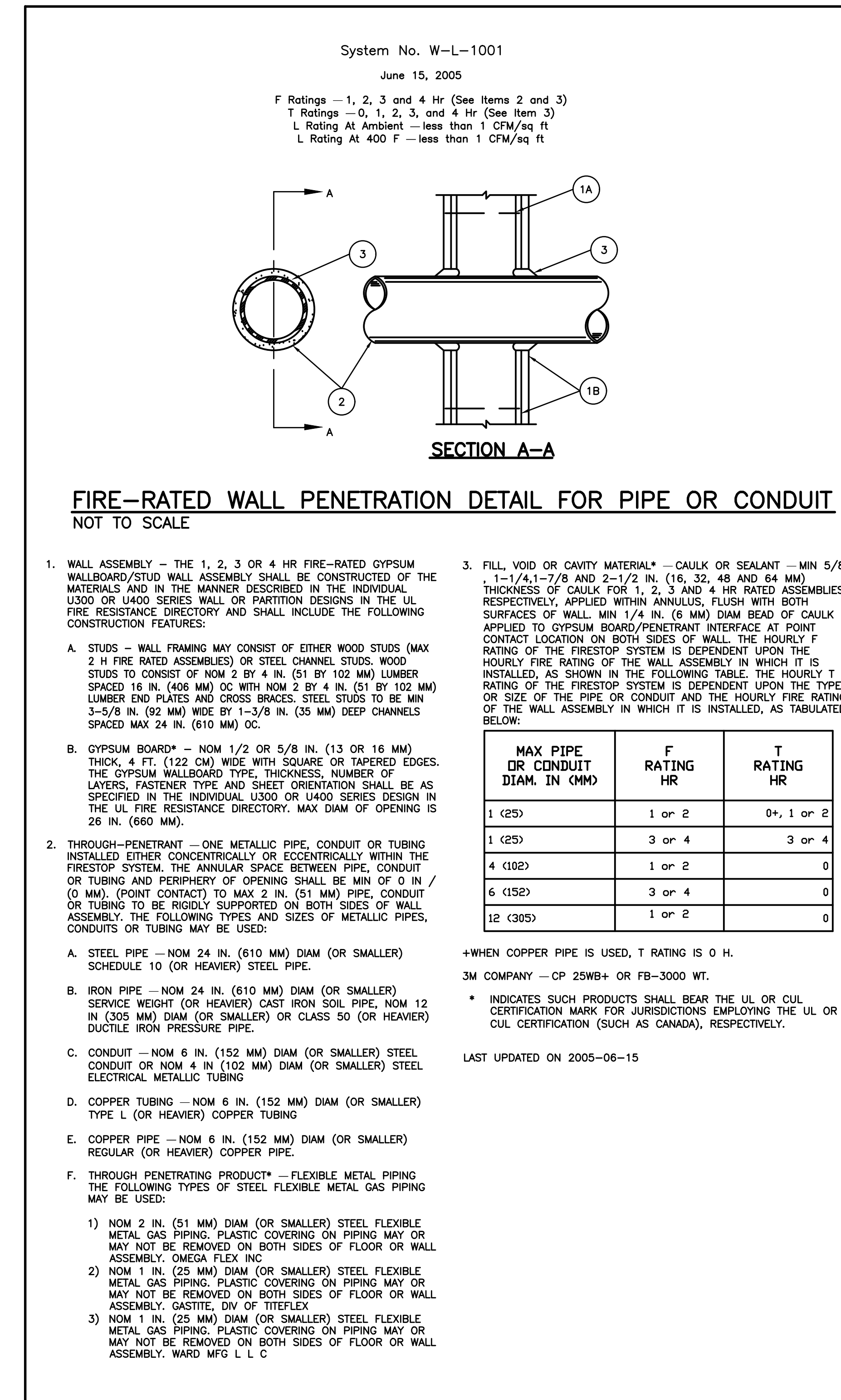
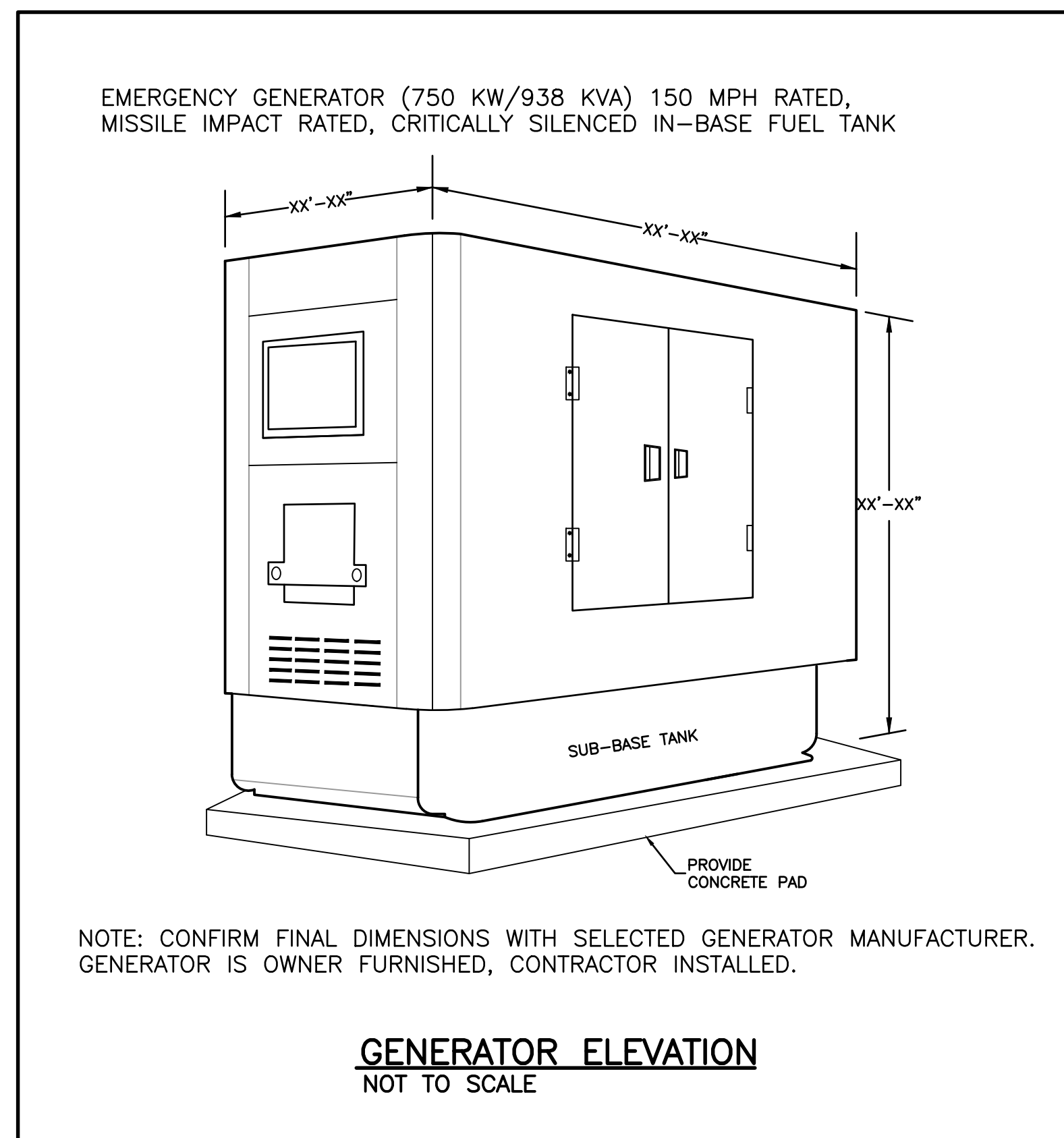
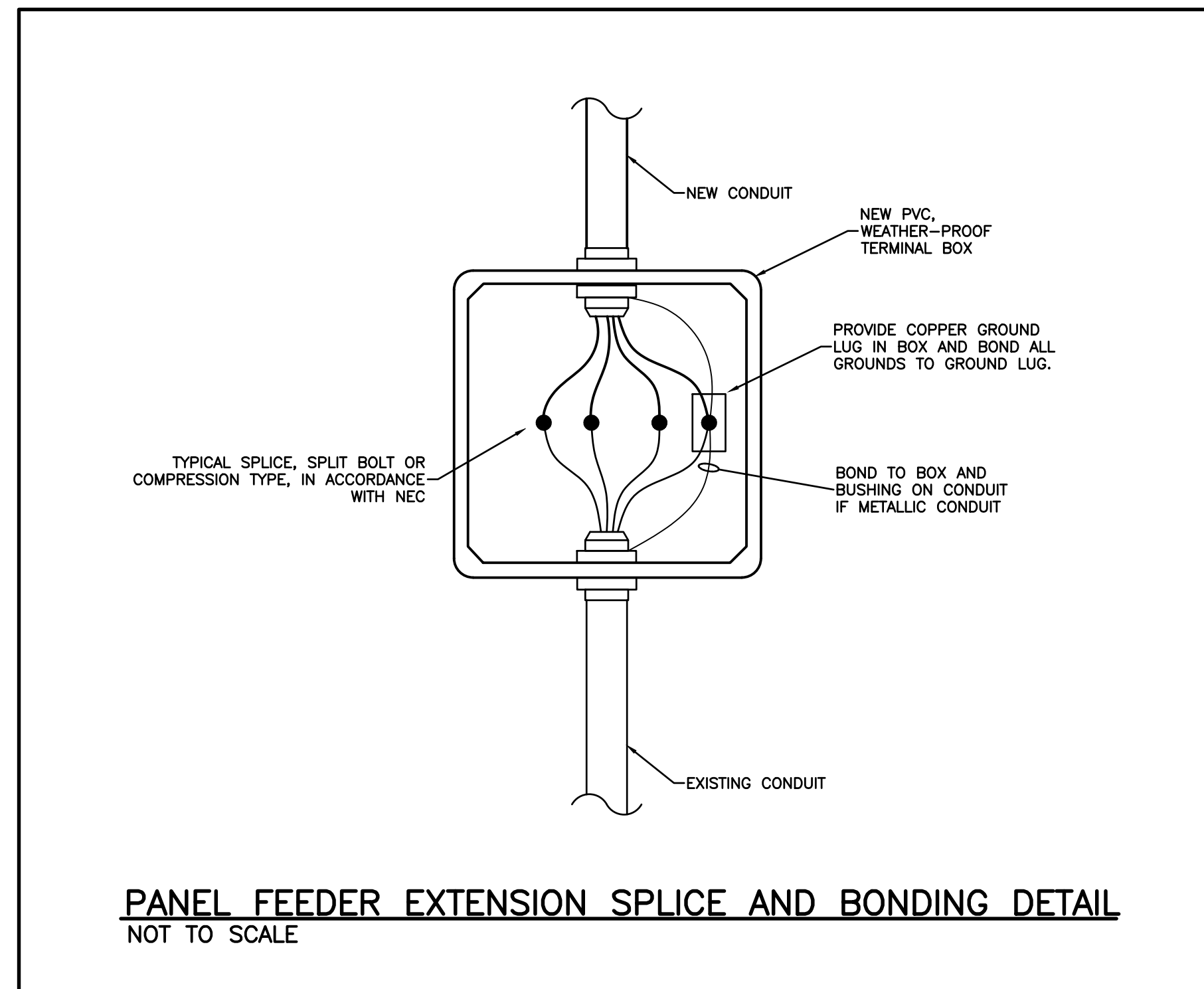
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ELECTRICAL DETAILS

SHEET
E3.0

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Hillsborough County Florida

NO.	DATE	DESCRIPTION
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DIVISION 1: GENERAL CONDITION

- THIS CONSTRUCTION DOCUMENT ARE BASED ON THE REQUIREMENT OF FLORIDA BUILDING CODE (FBC) 2020.
- LOADING:
 - SUPERIMPOSED DEAD LOAD: ALL DEAD LOADS LISTED BELOW ARE IN ADDITION TO THE STRUCTURE'S SELF-WEIGHT.
 - MECHANICAL EQUIPMENT = SEE MEP DRAWINGS
- WIND LOAD:
 - ULTIMATE DESIGN WIND SPEED, $V_{ult} = 153$ MPH (3-SECOND GUST)
 - NOMINAL DESIGN WIND SPEED, $V_{nsd} = 118$ MPH (3-SECOND GUST)
 - EXPOSURE = C
 - RISK CATEGORY = IV
- FUTURE EXPANSION:
 - NO PROVISION HAVE BEEN MADE FOR FUTURE VERTICAL OR HORIZONTAL EXPANSION OF THE STRUCTURE.

DIVISION 2: SITE WORK

- IT IS THE RESPONSIBILITY OF GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF THE SHOP DRAWINGS.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, SAFETY, OSHA COMPLIANCE, TECHNIQUES, AND SEQUENCES. THE GENERAL CONTRACTOR HAS SOLE RESPONSIBILITY FOR THE QUALITY AND CORRECTNESS OF THE WORK.
- THE GENERAL CONTRACTOR SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. REFER TO THESE DRAWINGS FOR SLEEVES, DEPRESSIONS, FLOOR SLAB DEPRESSION, CURBS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSION AND CONDITIONS AND COORDINATE WITH THE CONTRACT DOCUMENTS AND SHOP DRAWINGS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION AND FABRICATION. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE CONSTRUCTION.
- GENERAL CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF DUCT OPENINGS, GRILLES, LOUVERS, ETC., WITH THE MECHANICAL CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
- THE STRUCTURE HAS BEEN DESIGNED FOR THE LOAD IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE FINAL STRUCTURE ONCE COMPLETED AND OCCUPIED. THE GENERAL CONTRACTOR SHALL NOT OVERLOAD THE STRUCTURE DURING CONSTRUCTION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE ADEQUACY OF THE STRUCTURE TO SUPPORT ANY APPLIED CONSTRUCTION LOADS, INCLUDING THOSE DUE TO CONSTRUCTION VEHICLE OR EQUIPMENT, MATERIAL HANDLING OR STORAGE, SHORING OR RESHORING, OR ANY OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL SUBMIT CALCULATION SIGNED AND SEALED BY PROFESSIONAL ENGINEER VERIFYING THE ADEQUACY OF THE STRUCTURE FOR ANY PROPOSED CONSTRUCTION LOADS. THE CONTRACTOR IS RESPONSIBLE TO ENGAGE A LICENSED DESIGN PROFESSIONAL TO CHECK THE STRUCTURE FOR ANY CONSTRUCTION ACTIVITY LOADS APPLIED TO THE STRUCTURE DURING CONSTRUCTION.
- ALL STRUCTURES REQUIRE PERIODIC MAINTENANCE TO EXTEND LIFESPAN AND ENSURE STRUCTURAL INTEGRITY FROM EXPOSURE ENVIRONMENT. A PLANNED PROGRAM OF MAINTENANCE SHALL BE ESTABLISHED BY BUILDING OWNER. THIS PROGRAM SHALL INCLUDE SUCH ITEMS SUCH AS BUT NOT LIMITED TO PAINTING OF THE STRUCTURAL STEEL, PROTECTIVE COATING FOR THE CONCRETE, SEALANTS, CALKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND PRESSURE WASHING OF EXPOSED STRUCTURAL ELEMENTS EXPOSED TO A SALINE OR OTHER HARSH CHEMICAL ENVIRONMENT.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL PERTINENT LOCAL, STATE, AND FEDERAL BUILDING REGULATIONS.
- SHOP DRAWINGS:
 - THE GENERAL CONTRACTOR SHALL REVIEW EACH SUBMITTAL BEFORE FORWARDING TO THE ARCHITECT AND ENGINEER.
 - THE ENGINEER OF RECORD'S REVIEW IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE SITE, FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION, PROCESSES, OR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION, AND FOR COORDINATION OF THE WORK OF ALL TRADES. THE ENGINEER'S APPROVAL OF A SPECIFIC ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.
 - FOR COMPONENTS DESIGNED BY A SPECIALTY ENGINEER, PROVIDE SHOP DRAWINGS, DESIGN CALCULATIONS, AND A COVER LETTER SIGNED AND SEALED BY PROFESSIONAL ENGINEER.
 - DELEGATED DESIGN AND DEFERRED SUBMITTALS ARE MANUFACTURER'S OR GENERAL CONTRACTOR'S DESIGNED COMPONENTS PER THE CONTRACT DOCUMENTS. THESE ELEMENTS OF THE DESIGN ARE DEFERRED SUBMITTAL COMPONENTS AND HAVE NOT BEEN PERMITTED UNDER THE BASE BUILDING APPLICATION. DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER OF RECORD FOR REVIEW. THE GENERAL CONTRACTOR SHALL SUBMIT THESE REVIEWED DEFERRED SUBMITTALS DOCUMENTS TO THE BUILDING OFFICIAL FOR APPROVAL. THESE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DESIGN TEAM HAS REVIEWED AND THE BUILDING OFFICIAL HAS APPROVED.

DIVISION 3: CAST IN PLACE CONCRETE

- ALL CONCRETE CONSTRUCTION TECHNIQUES SHALL CONFORM TO "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301)
- ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE (145 PCF) AND STRENGTH SHALL MEET THE FOLLOWING 28 DAY COMPRESSIVE STRENGTH:
 - CONCRETE PAD = 4 000 PSI
 - MAXIMUM WATER TO CEMENT RATIO = 0.40
- CONCRETE CONSTRUCTION TECHNIQUES SHALL CONFORM TO THE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI- 301-05).
- THE USE OF CALCIUM CHLORIDE AND OTHER CHLORIDE CONTAINING AGENT IS PROHIBITED. THE USE OF RECYCLED CONCRETE IS PROHIBITED. PLACEMENT WITHIN AND CONTACT BETWEEN ALUMINUM ITEMS, INCLUDING ALUMINUM CONDUIT AND CONCRETE IS PROHIBITED.
- ALL CAST-IN-PLACE CONCRETE WILL EXPERIENCE DIFFERING VARIATION OF CRACKING. ANY ELEMENT EXPOSED TO DIRECT WEATHER AND/OR TEMPERATURE VARIATIONS DURING CONSTRUCTION OR IN THE FINAL CONDITION IS TO BE TREATED AND REGULARLY MAINTAINED TO PREVENT PROPAGATION OF CRACKS AND WATER PENETRATION. THE CONTRACTOR SHALL DEVELOP A REGULAR MAINTENANCE PROGRAM AND SUBMIT TO THE OWNER.
- CONCRETE REINFORCEMENT:
 - ALL CONCRETE SHALL INCLUDE REINFORCEMENT. IF REINFORCEMENT IS NOT SPECIFICALLY INDICATED ON THE DRAWINGS, VERIFY WITH ENGINEER OF RECORD.
 - REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDARDS AND MATERIALS PROPERTIES, UNLESS NOTED OTHERWISE:
 - DEFORMED BARS = ASTM A615, GRADE 60
 - WELDABLE DEFORMED BARS = ASTM A706
 - EPOXY COATED DEFORMED BARS = ASTM A615/A775
 - WELDED WIRE REINFORCEMENT = ASTM A1064
- DETAIL REINFORCEMENT BASED ON THE PROJECT REQUIREMENT, ACI-318 AND ACI-315.
- WHERE A 90-DEGREE, 135-DEGREE OR 180-DEGREE HOOK IS GRAPHICALLY INDICATED, PROVIDE CORRESPONDING ACI STANDARD HOOKS.
- DOWELS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCEMENT UNLESS NOTED OTHERWISE.
- REINFORCEMENT SHALL HAVE CONCRETE PROTECTION (CLEAR COVER) PER ACI 318 AT MINIMUM SHALL BE:

DIVISION 4: EARTHWORK AND EXCAVATION

- THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING, BUT NOT LIMITED TO, LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL BUILDING DEPARTMENT AND OSHA REGULATIONS.
 - EXCAVATION SHALL NOT OCCUR WITHIN ONE FOOT OF THE ANGLE OF REPOSE OF ANY SOIL BEARING FOUNDATION UNLESS THE FOUNDATION IS PROTECTED AGAINST SETTLEMENT.
 - THE EXTENT OF SUBGRADE PREPARATION SHALL EXTEND A MINIMUM OF 5'-0" BEYOND THE BUILDING PERIMETER.
 - THE GENERAL CONTRACTOR SHALL PROVIDE A SUBGRADE BENEATH THE SLAB ON GRADE PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS (SEE GEOTECHNICAL REPORT).
 - COMPACT FILL TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR ASTM D-1557. THE COMPACTION SHALL MEET ALL RECOMMENDATIONS OF THE GEOTECHNICAL INVESTIGATION REPORT.
 - PLACEMENT OF FILL AND COMPACTION SHALL BE MONITORED AND ACCEPTED BY A RETAINED TESTING AGENCY.
 - THE GENERAL CONTRACTOR SHALL DETERMINE THE EXTENT OF THE CONSTRUCTION DEWATERING SYSTEMS REQUIRED FOR THE EXCAVATION. AT A MINIMUM, THE GENERAL CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING SITE.
 - THE GENERAL CONTRACTOR SHALL SUBMIT CONSTRUCTION DEWATERING PLAN TO THE GEOTECHNICAL ENGINEER FOR APPROVAL PRIOR TO BEGINNING EXCAVATION.
 - THE GENERAL CONTRACTOR SHALL INSTALL ALL NECESSARY DEWATERING SYSTEMS.
- NON-AGGRESSIVE ENVIRONMENTS**
- BEAMS AND COLUMNS: 1 1/2"
 - TIE COLUMNS: 1 1/2"
 - EXPOSED UNPROTECTED CONCRETE: 2"
 - FORMED CONCRETE BELOW GRADE: 2"
 - UNFORMED CONCRETE BELOW GRADE: 3"

- ALL HORIZONTAL INTERSECTING ELEMENTS, SUCH AS TIE BEAMS, FOOTINGS, AND GRADE BEAMS SHALL BE PROVIDED WITH CORNER REINFORCEMENT BARS OF THE SAME SIZE AND GRADE AS THE INTERSECTING LONGITUDINAL REINFORCEMENT BARS.
- SPREAD BARS AROUND SMALL OPENINGS AND SLEEVES IN SLABS WHERE POSSIBLE. DISCONTINUE BARS AT LARGE OPENINGS WHERE NECESSARY AND PROVIDE AN AREA OF REINFORCING EQUAL TO THE INTERRUPTED REINFORCING DISTRIBUTED EACH SIDE OF OPENING (TOP AND BOTTOM).
- ALL OPENINGS IN CONCRETE SLABS OR WALLS OVER 12' SQUARE SHALL HAVE TWO (2) #5 BY 5' - 0" DIAGONAL IN EACH CORNER IN THE CENTER OF THE SLAB OR WALL.
- REINFORCING STEEL IN FOOTINGS SHALL BE ASSEMBLED AS MATS WITH BARS EQUALLY SPACED AND WIRE TOGETHER AT EACH INTERSECTION BEFORE CONCRETE IS PLACED.
- CENTER ALL FOOTINGS ON WALL OR COLUMN ABOVE UNLESS OTHERWISE INDICATED.
- ALL LAP SPLICES ARE TO BE TENSION LAP SPLICE PER LAP SPLICE AND EMBEDMENT SCHEDULE UNLESS NOTED OTHERWISE.
- LAP WELDED WIRE REINFORCEMENT TWO PANEL SPACINGS, UNLESS NOTED OTHERWISE.
- PROVIDE EPOXY COATED REINFORCEMENT AND ACCESSORIES IN AREAS OF DIRECT EXPOSURE TO THE ENVIRONMENT, CHEMICALS, OR DE-ICING FOR THE AREAS INDICATED ON THE DRAWINGS.

FORMWORK, SHORING AND RESHORING

- PROVIDE COMPLETE SHORING AND RESHORING DRAWINGS PREPARED BY UNDER THE DIRECT SUPERVISION OF A DELEGATED ENGINEER AND CONFORMING TO THE REQUIREMENT OF PROJECT SPECIFICATION AND CONFORM WITH ACI 347 AND ACI 301.
- FORMWORK REMOVAL THE SOLE RESPONSIBILITY OF GENERAL CONTRACTOR. REMOVE FORMS IN SUCH A MANNER AS TO ENSURE JOB SAFETY AND TO PREVENT DAMAGE TO, AND CREEP DEFLECTION OF, THE STRUCTURE.
- FORMWORK SHALL NOT BE REMOVED UNTIL THE CONCRETE STRENGTH HAS REACH 75% OF THE SPECIFIED DESIGN STRENGTH.

POST-INSTALLED ANCHORS:

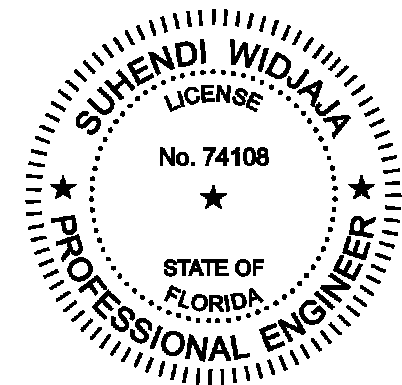
- MECHANICAL ANCHORS (EXPANSION ANCHOR) SYSTEMS INTO CONCRETE:
 - KWIK BOLT T2 BY HILTI
 - STRONG-BOLT 2 BY SIMPSON STRONGTIE
 - POWER-STUD SD2 BY DEWALT
- MECHANICAL ANCHORS (EXPANSION ANCHOR) SYSTEM INTO CONCRETE MASONRY:
 - KWIK BOLT 3 BY HILTI
 - WEDGE-ALL BY SIMPSON STRONGTIE
 - POWER-STUD SD1 BY DEWALT
- ADHESIVE ANCHOR SYSTEM INTO CONCRETE:
 - ULTRABOND HS-100 (ICC ES ESR-4094) BY ADHESIVE TECHNOLOGY
 - HILTI HIT-RE 500 V3 (ICC ES ESR-3814) BY HILTI
 - SET-XP (ICC ES ESR-265) BY SIMPSON STRONGTIE
 - PE 1000+ (ICC ES ESR-2585) BY DEWALT
- ADHESIVE ANCHOR SYSTEM INTO CONCRETE MASONRY:
 - HILTI HIT-HY 200A (ICC ES ESR-3963) BY HILTI
 - SET-XP (ICC ES ESR-265) BY SIMPSON STRONGTIE
 - PE 1000+ (ICC ES ESR-2585) BY DEWALT
- ALL POST-INSTALLED ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. INSTALLERS SHALL BE TRAINED BY THE MANUFACTURER'S REPRESENTATIVE.
- STEEL REINFORCEMENT AND RODS, IN THE EVENT THAT AN EMBEDMENT LENGTH IS NOT SPECIFIED ON THE DRAWINGS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR DIRECTION.
- EMBEDDED PORTIONS OF STEEL REINFORCEMENT AND RODS SHALL BE CLEAN, STRAIGHT, AND FREE OF MILL SCALE, RUST AND OTHER COATINGS THAT IMPAIR THE BOND WITH THE ADHESIVE. REINFORCEMENT MUST NOT BE BENT AFTER INSTALLATION.

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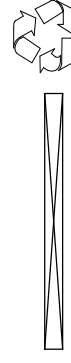
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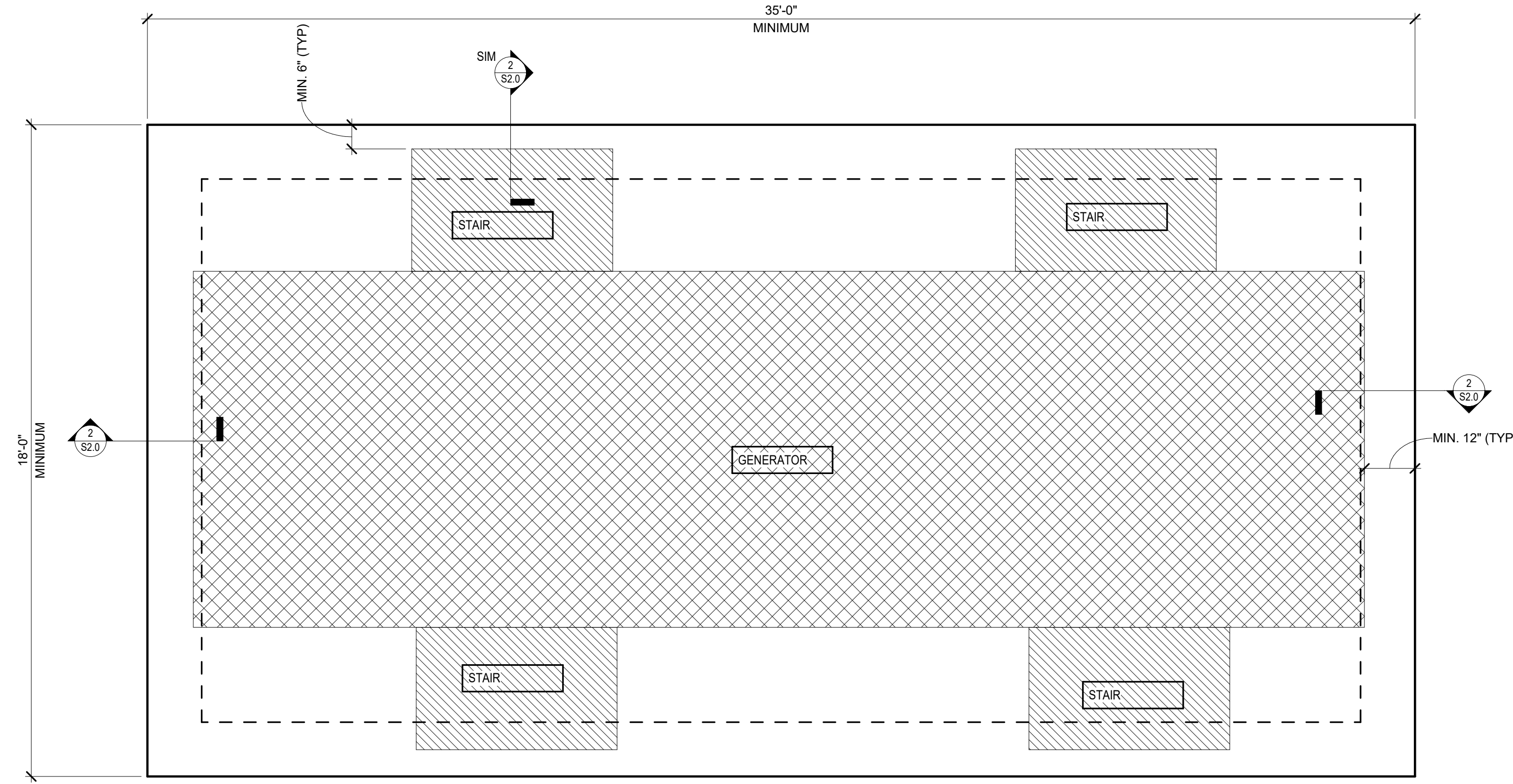
TO THE BEST OF MY KNOWLEDGE, THESE DRAWINGS AND PROJECT MANUAL ARE COMPLETE AND COMPLY WITH THE FLORIDA BUILDING CODE

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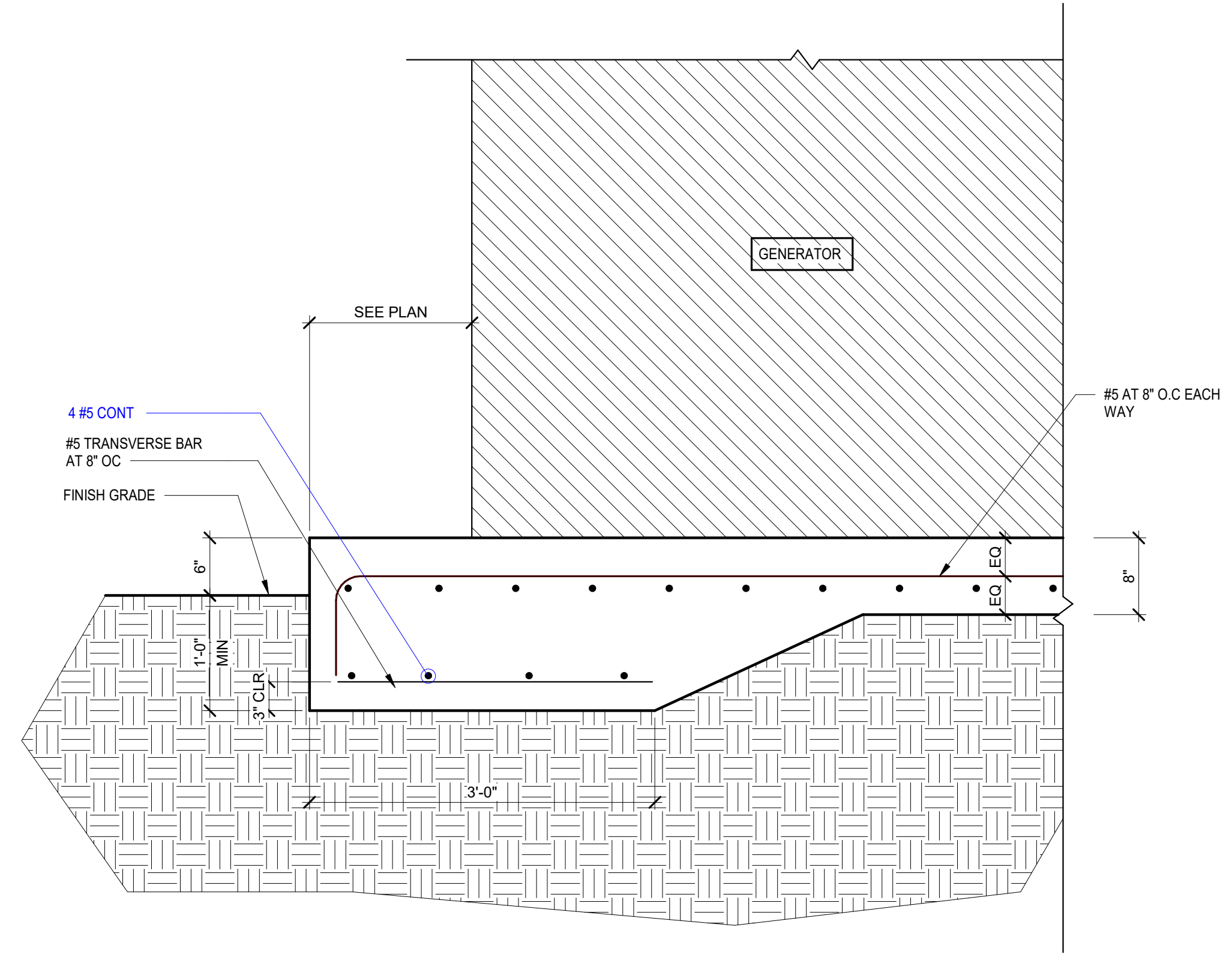
SHEET
S1.0



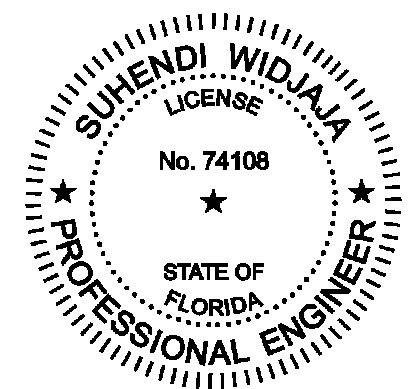
NOTE:
1. COORDINATE WITH MEP DRAWING FOR FINAL DIMENSION OF THE GENERATOR



1 STRUCTURAL FOUNDATION PLAN
3/8" = 1'-0"



2 CONCRETE PADS
NTS



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NOT FOR CONSTRUCTION

Tournament Sportsplex Of Tampa Bay
9330 E Columbus Dr, Tampa, FL 33619
Add Permanent Generator

SHEET
S2.0



NO.	DATE	DESCRIPTION	BY