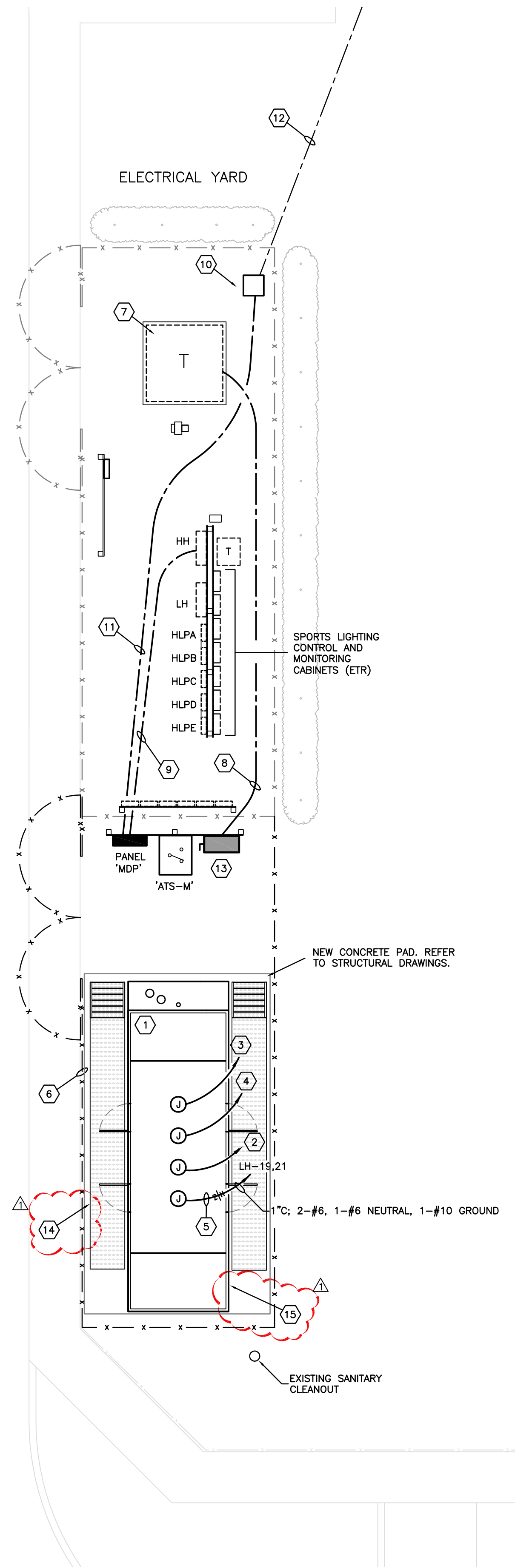


1 ELECTRICAL YARD PLAN - DEMOLITION  
 SCALE: 1/8" = 1'-0"  
 0 4 8 16

**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.
- 14 THE GENERATOR PLATFORM AND STAIRS WILL BE OWNER FURNISHED, SHIPPED LOOSE, AND SHALL BE INSTALLED ON SITE BY THE CONTRACTOR. REFER TO SHEET E2.1 FOR MORE INFORMATION.
- 15 THE OWNER FURNISHED STAND-BY DIESEL ENGINE DRIVEN GENERATOR WILL BE SHIPPED WITHOUT THE ENCLOSURE DUE TO FDOT SIZE RESTRICTIONS. THE CONTRACTOR SHALL INSTALL THE GENERATOR, INCLUDING ASSEMBLY OF AND INSTALLATION OF THE GENERATOR ENCLOSURE.

**WGI**  
 Mechanical • Electrical  
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Tournament Sportsplex of Tampa Bay  
 9330 E Columbus Dr, Tampa, FL 33619  
 Add Permanent Generator  
 ENLARGED ELECTRICAL YARD PLANS

10/06/2023 100% CONSTRUCTION DOCUMENTS  
 12/20/2023 ADDENDUM 1

NO.	DATE	DESCRIPTION
1		
2		

**WGI**  
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Hillsborough County Florida

SHEET E1.1