

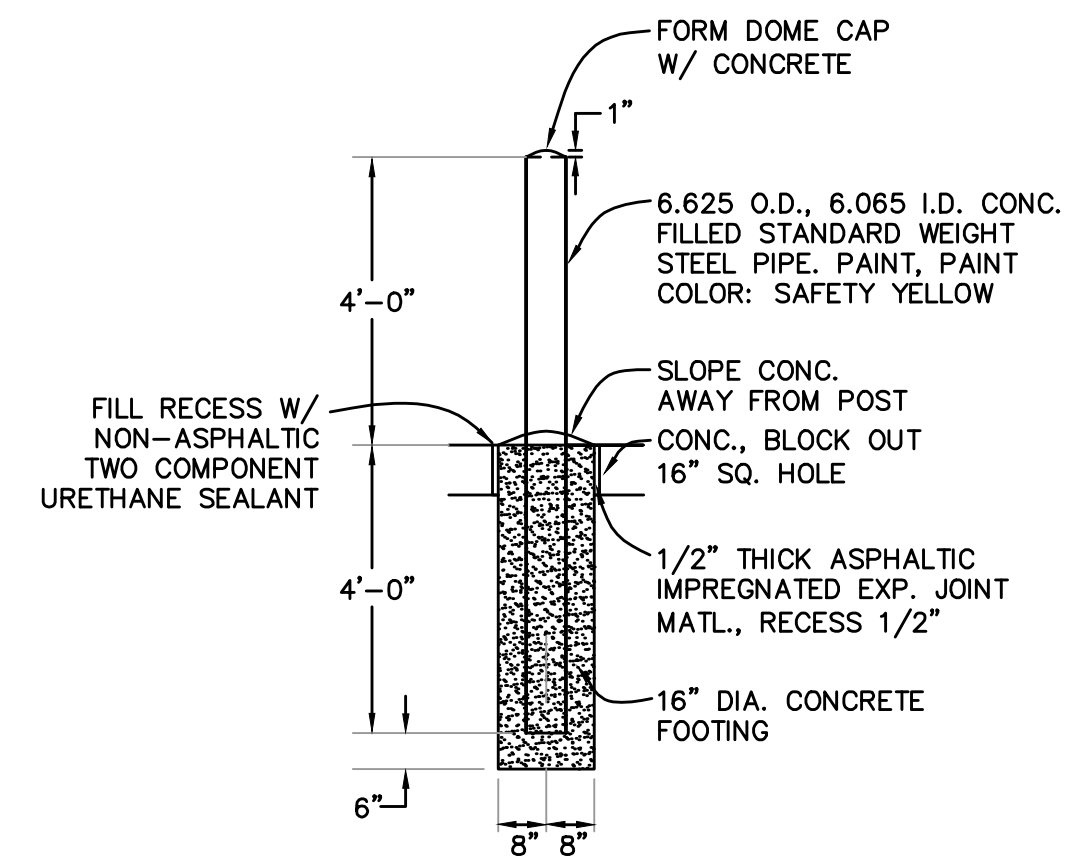


GENERAL NOTES

- CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL DEVICES, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT. ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.
- DRAWINGS ARE BASED ON EXISTING DRAWING INFORMATION AND ARE DIAGRAMMATICAL IN NATURE. ALL CONDUIT, WIRE, PIPING, AND ELECTRICAL EQUIPMENT ARE NOT NECESSARILY SHOWN. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS TO OWN SATISFACTION PRIOR TO BID. NOTIFY ENGINEER OF ANY CONFLICTS REQUIRING CLARIFICATION PRIOR TO BID.
- REFER TO ELECTRICAL DIVISION SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- "PROVIDE" SHALL MEAN "FURNISH AND INSTALL" WHEN USED.
- AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.
- ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION (AHJ).
- CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING ANY WORK TO BE DONE.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES AND WITH ALL APPLICABLE UTILITY COMPANIES.
- COORDINATE SCHEDULING OF ALL POWER OUTAGES WITH OWNER A MINIMUM OF 72 HOURS IN ADVANCE.
- ALL WIRING SHALL BE COPPER, WITH MINIMUM SIZE OF #12 AWG.
- FREE-STANDING ELECTRICAL EQUIPMENT (ATS AND DOCKING STATION) SHALL BE INSTALLED ON CONCRETE EQUIPMENT PADS, 6" THICK WITH 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND 6 GA. 6X6 WIRE MESH REINFORCEMENT. TOP OF SLAB SHALL BE AT 6" ABOVE GRADE.
- CONTRACTOR SHALL USE EXTREME CAUTION WHEN DIGGING ON SITE AND AROUND EXISTING UNDERGROUND UTILITIES. COORDINATE WITH UTILITY AGENCY FOR ASSISTANCE IN LOCATING EXISTING U.G. UTILITIES.

ELECTRICAL SITE PLAN NOTES

- EXISTING 1600A MCB NEMA 3R SWITCHBOARD "MPC" FOR 120/240V, 3Ø, 4W DELTA SERVICE TO REMAIN.
- EXISTING UNDERGROUND FEEDER (16-500MCM IN 4 - 3-1/2"Ø) TO "MPC" TO REMAIN.
- SUGGESTED RELOCATION OF EXISTING CITY OF ALEXANDRIA TRANSFORMER POLE TO ALLOW FOR NEW GENERATOR TRANSFER SWITCH TO BE PLACED OVER EXISTING "MPC" FEEDER CONDUITS. INSTALL 16-500MCM IN 4 - 3-1/2"Ø UNDERGROUND FROM ATS, UP POLE TO WEATHERHEAD AS REQUIRED BY CITY FOR NEW SERVICE CONNECTION.
- NEW 1600A NEMA 3R SERVICE ENTRANCE RATED TRANSFER SWITCH ON 6" PAD FOR 120/240V, 3Ø, 4W DELTA SERVICE TO EXISTING SWITCHBOARD "MPC."
- NEW 1600A NEMA 3R GENERATOR DOCKING STATION WITH QUICK CONNECT CANNULOCKS ON 6" PAD FOR CONNECTION TO OWNER PROVIDED 220KW PORTABLE GENERATOR.
- 16-500MCM & 4#4/0 GRND IN 4 - 3-1/2"Ø
- BOLLARD, TYPICAL. REFER TO DETAIL ON THIS SHEET.



1 Electrical Site Plan
Drawing Scale: 1/8" = 1' - 0"

2 Bollard Detail
Drawing Scale: None

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24018

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ELECTRICAL SITE PLAN

Professional Seal: Sheet No. **E101**