



**ELECTRICAL RISER DIAGRAM**  
NTS

**ELECTRICAL RISER NOTES:**

1. PROVIDE TWO (2) 5" CONDUITS TO BE INSTALL UNDERGROUND TO UTILITY MANHOLE. USE RIGID SWEEPS. BREAK INTO MANHOLE.
2. PROVIDE NEW TRANSFORMER PAD, BOLLARDS AND GROUNDING PER NEC AND UTILITY REQUIREMENTS. EXACT LOCATION OF TRANSFORMER SHALL BE COORDINATED WITH ARCHITECT AND UTILITY.
3. UTILITY TRANSFORMER TO BE FURNISHED AND INSTALLED BY UTILITY.
4. PROVIDE SERVICE GROUND TO WATER MAIN, BUILDING STEEL AND GROUND ROD PER NEW NEC ARTICLE 250 AND UTILITY REQUIREMENTS.
5. PROVIDE 3" (MIN) HIGH Poured CONCRETE PAD IN CONFORMANCE WITH DIVISION 1 SPECIFICATION REQUIREMENTS.
6. PROVIDE UTILITY APPROVED METER SOCKET AND ENCLOSURE. EXACT LOCATION TO BE COORDINATED WITH UTILITY.
7. MAIN SWITCHGEAR. REFER TO SWITCHGEAR SCHEDULES ON SHEET ES.00 FOR FURTHER INFORMATION. SWITCHGEAR SHALL BE UTILITY APPROVED AND RATED FOR SERVICE ENTRANCE.
8. PROVIDE CONCRETE PAD FOR GENERATOR PER MANUFACTURER'S REQUIREMENTS.
9. PROVIDE 125KW, DIESEL LIFE SAFETY RATED GENERATOR WITH SOUND INTIMATED WEATHERPROOF ENCLOSURE. GEN SET SHALL BE CATERPILLAR OR EQUAL.
10. PROVIDE 200A AUTOMATIC TRANSFER SWITCH TO BE COMPATIBLE WITH GENERATOR.
11. REFER TO CONDUCTOR AND CONDUIT SIZING TABLE FOR FEEDER REQUIREMENTS. ALL WIRING BY ELECTRICAL CONTRACTOR, UNLESS THE UTILITY HAS A LIMITED ALLOWANCE FOR PRIMARY WIRING. COORDINATE WITH UTILITY.
12. SEAL ALL CONDUITS AS REQUIRED BY CODE.
13. PROVIDE PULL STRINGS AND CONDUIT END COVERS FOR ALL SPARE OR EMPTY CONDUITS.
14. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY REQUIREMENTS AND STANDARDS.
15. PROVIDE BLACK PAINTED PLYWOOD BACKBOARD. ANCHOR AS REQUIRED FOR SEISMIC LOAD.
16. LABEL EACH DISCONNECT SWITCH THE EQUIPMENT IT SERVES.
17. ACCEPTABLE MANUFACTURER'S FOR ELECTRICAL DISTRIBUTION SYSTEM.
  1. SQUARE D
  2. CUTLER HAMMER
  3. SIEMENS
  4. GENERAL ELECTRIC

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TITLE  
**ELECTRICAL RISER DIAGRAM**

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