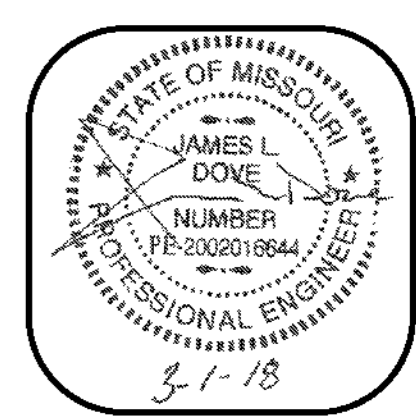
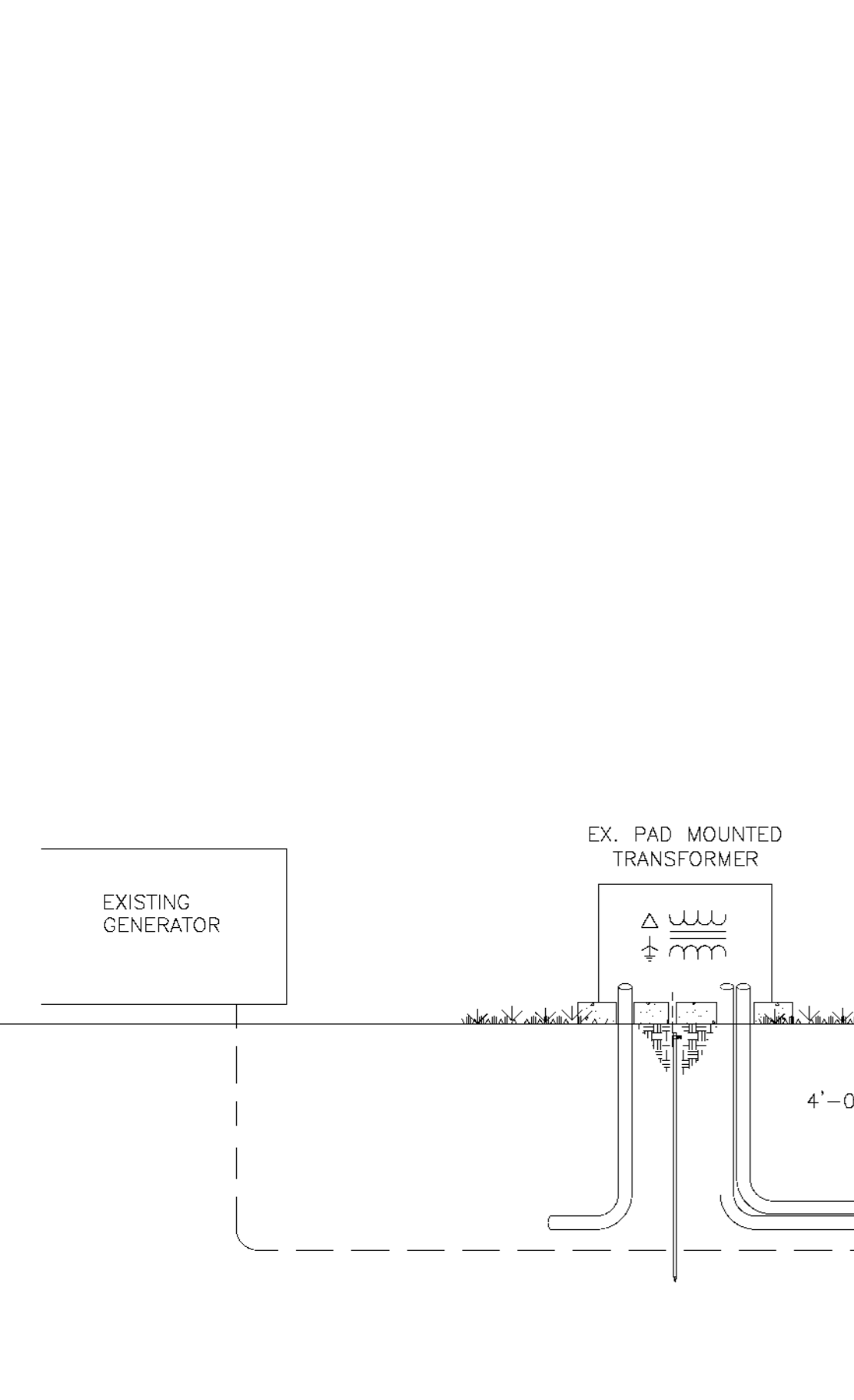
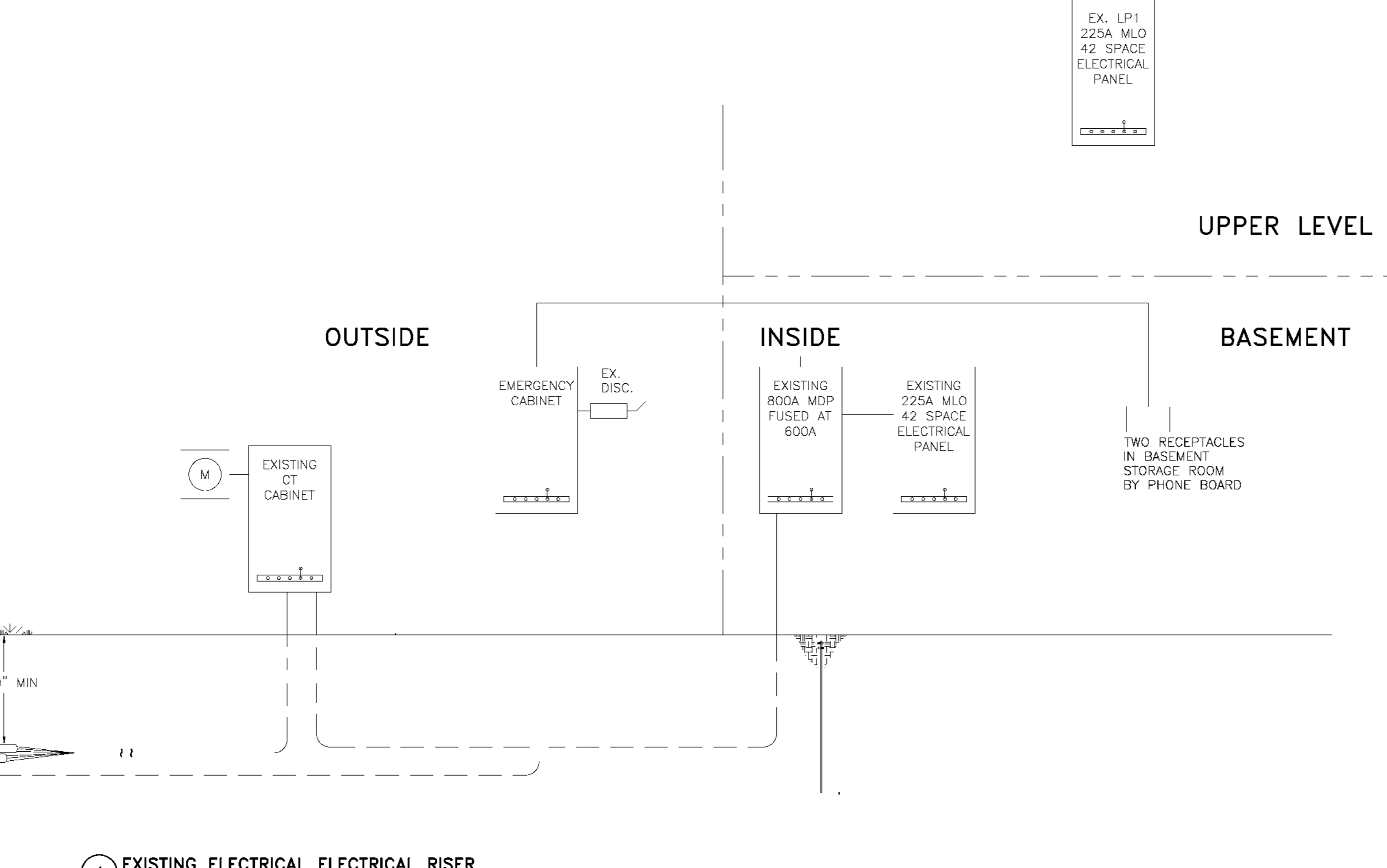
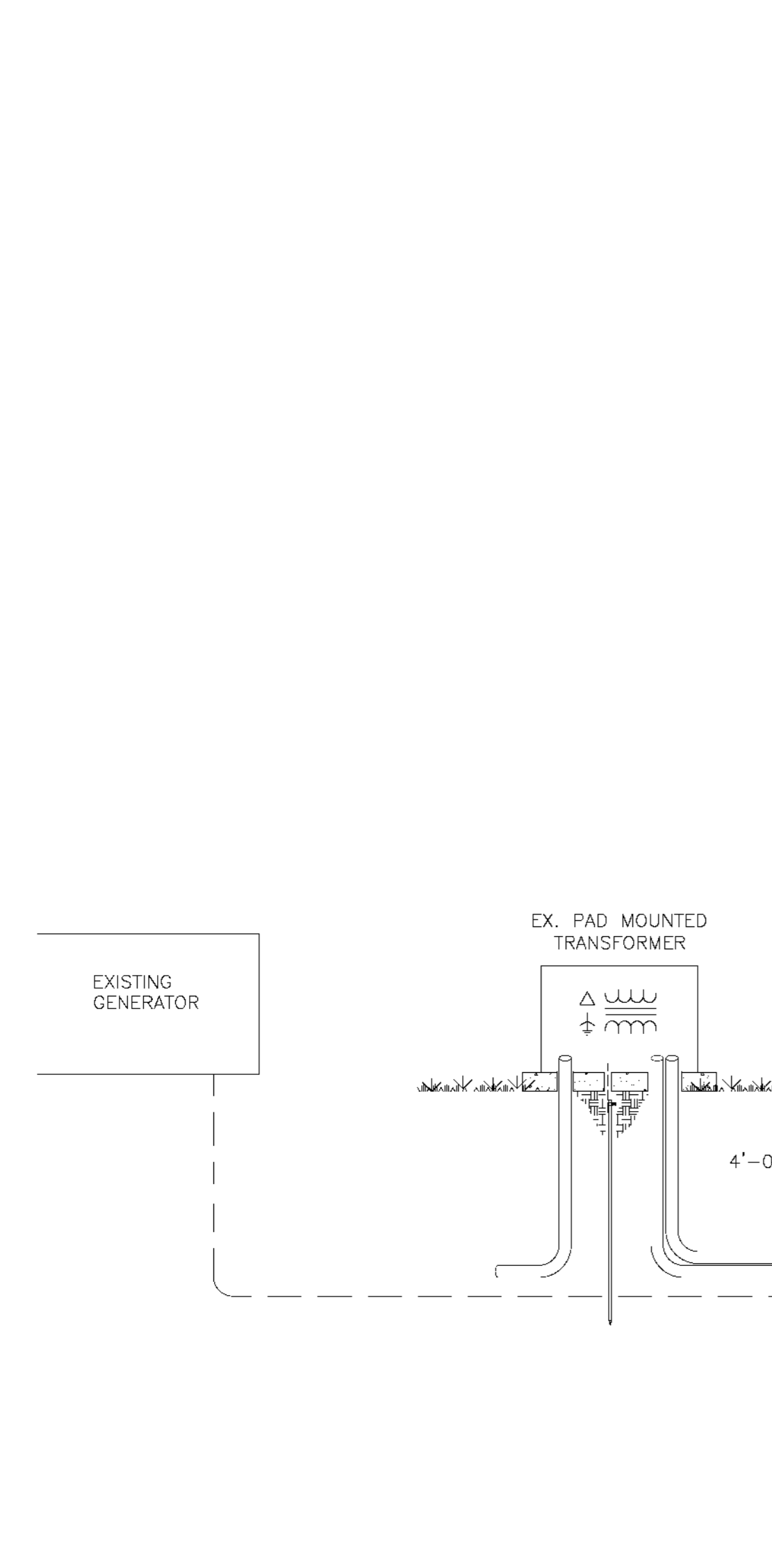
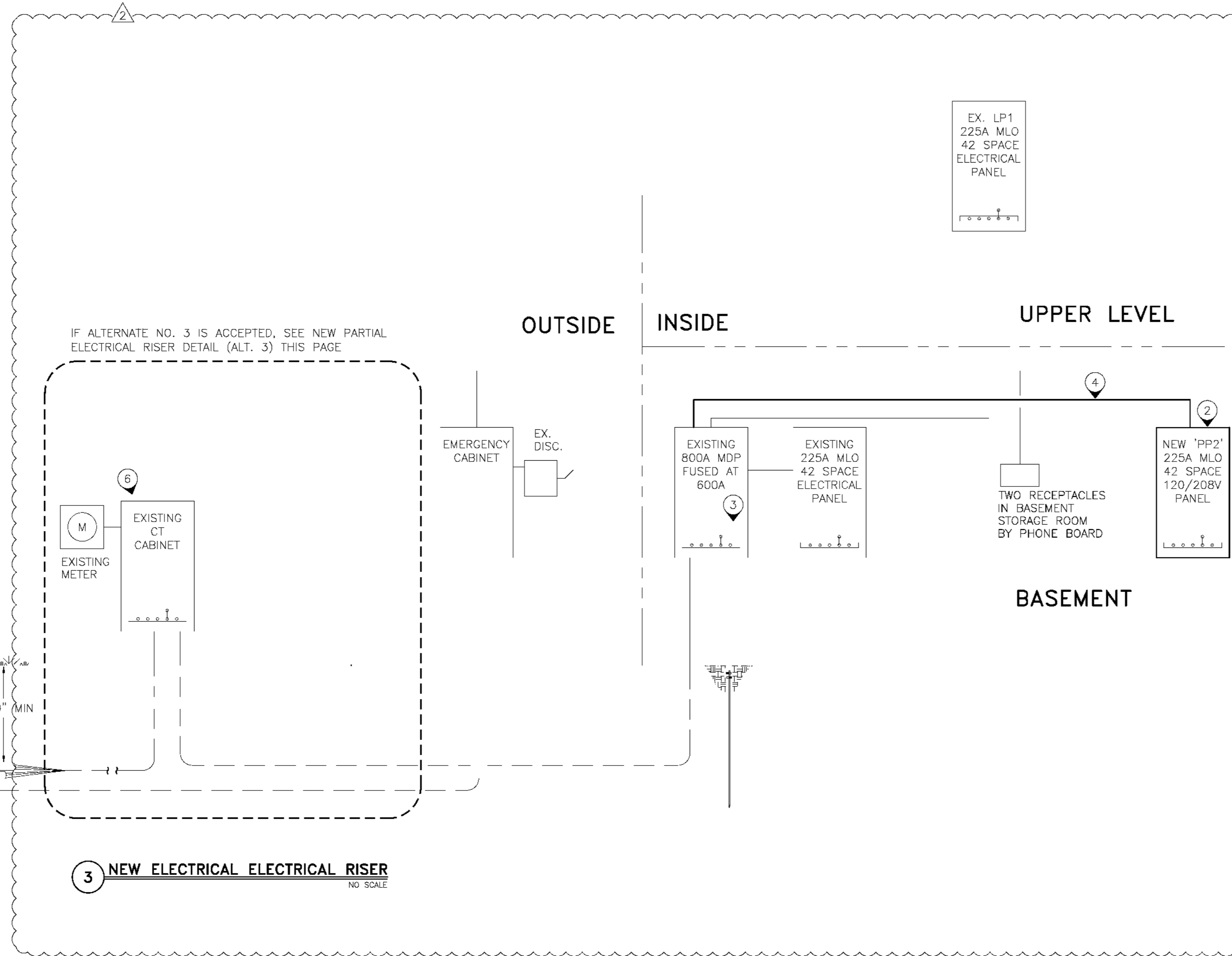
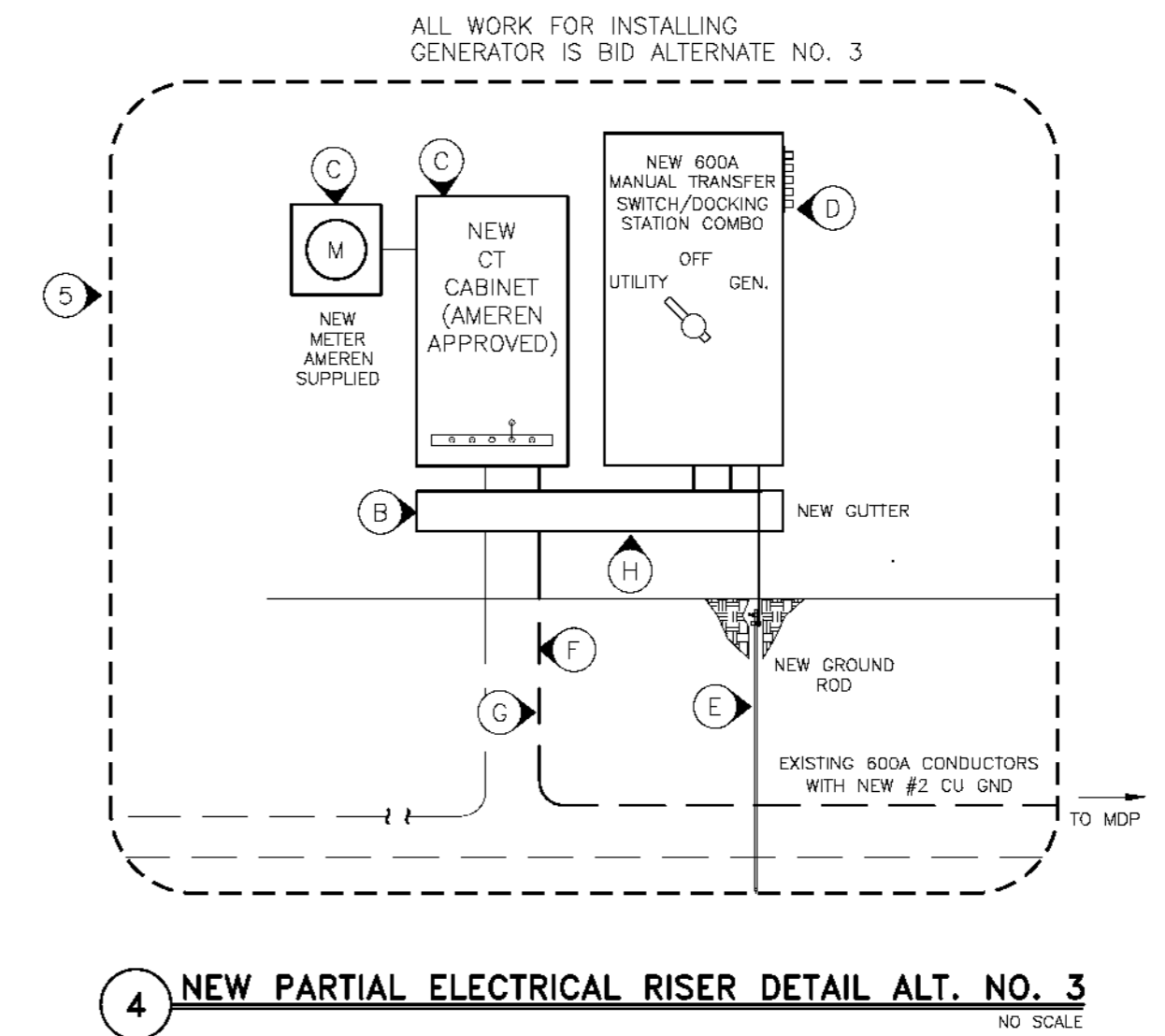


NOTE

(N) INDICATES KEYED NOTES

- 1 COORDINATE NEW ELECTRICAL SERVICE AND METERING WITH AMEREN UE, MARK LUECKENHOFF (573-681-7530)
- 2 PROVIDE AND INSTALL NEW (PP2) SURFACE MOUNTED, MAIN LUG, NEMA 1, 225A, 120/208V, 42 SPACE, 3Φ, 4 WIRE SCHNEIDER ELECTRIC PANEL (NQ442L2C) OR APPROVED EQUAL. IF ALT. NO. 2 IS SELECTED, PROVIDE PLACARD WITH 1" TALL LETTERING SAYING THE FOLLOWING: TURN OFF POWER TO THIS PANEL AT MDP PRIOR TO ENERGIZING GENERATOR.
- 3 PROVIDE AND INSTALL (3) NEW 200A FUSES IN EMPTY BUCKET OF EXISTING SQUARE D MDP.
- 4 (3) 3/0 CU THWN, (1) 2/0 CU THWN, AND (1) #6 GND (1) 2" CONDUIT.
- 5 IF ALTERNATE NO. 3 IS ACCEPTED, ELC TO:
 - (A) REMOVE EXISTING CT CABINET AND METER.
 - (B) INSTALL APPROXIMATELY 6' OF NEW GUTTER.
 - (C) PROVIDE AND INSTALL NEW CT CABINET AND METER PER AMEREN SPECIFICATIONS.
 - (D) PROVIDE AND INSTALL NEW SERVICE RATED MANUAL TRANSFER SWITCH WITH GENERATOR DOCKING STATION CONNECTION PLATE (THOMPSON TS 873A0600B2AE7DNKAA) OR EQUAL. (CALL RONK ELECTRICAL INDUSTRIES AT 1-800-221-7665)
 - (E) INSTALL #6 CU GRND W/ GROUND ROD AND ENSURE SERVICE GROUNDING IS 25 OHMS OR LESS (GROUND ROD 5/8" X 8' COPPER OR COPPER CLAD).
 - (F) PULL EXISTING 600A CONDUCTORS FROM MDP TO ALLOW FOR INSTALLATION OF A NEW #2 CU GROUND TO MDP.
 - (G) REINSTALL CONDUCTORS.
 - (H) ROUTE NEW 600A CONDUCTORS FROM TRANSFER SWITCH TO CT IN NEW GUTTER.



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ELECTRICAL RISER AND DETAILS

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427 MONROE STREET
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PROJECT NO. 1637
DATE: 03-01-2018
E501
SHEET 14 OF 15