GROUNDING ELECTRODE

NOTES:

A. PROVIDE GROUND ENHANCEMENT MATERIAL, EMTECH OR EQUIVALENT.
B. PROVIDE MINIMUM 12" DIAMETER BY 12' DEEP CORED HOLE FOR EACH GROUND ROD. IF BEDROCK IS ENCOUNTERED, IT IS ACCEPTABLE TO RUN THE GROUND ROD HORIZONTAL MAINTAIN AS MUCH VERTICAL DEPTH AS POSSIBLE. PROVIDE GEM MATERIAL AROUND GROUND RODS.
C. PROVIDE AT LEAST 12" OF GEM MATERIAL AROUND ALL UNDERGROUND CABLES.
D. ROD SPACING TO BE DETERMINED BY SITE LAYOUT CONSTRAINTS. COORDINATE WITH THE SRP PM AND ENGINEER, 23' SEPARATION BETWEEN RODS MINIMUM.
E. PROVIDE A FALL-OFF-POTENTIAL GROUNDING TEST ON THE NEW GROUNDING SYSTEM AND PROVIDE TEST RESULTS IN WRITING TO THE SRP PROJECT MANAGER AND THE ENGINEER OF RECORD. GROUNDING SYSTEM SHALL OBTAIN 5 OHMS TO GROUND OR LESS UPON COMPLETION.

GROUNDED CONDUCTORS TO USE OR TRANSFORMER

3/4" X 10'-0" LONG COPPER CLAD GROUND ROD

HARGER, INC. (OR APPROVED EQUIVALENT) 10" ROUND X 24" DEEP GROUND TEST WELL WITH CAST IRON COVER

GROUNDED CONDUCTORS SIZED PER DRAWINGS

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GROUND ENHANCEMENT MATERIAL

BRONZE OR STEEL GROUND ROD CLAMP WITH COMPRESSION TYPE FITTING SIZED FOR GROUND CONDUCTOR, MANUFACTURED BY BURNDY OR "EQUIVALENT"

GROUND CONDUCTORS TO GROUND OR TRANSFORMER

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Cadwell connection

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