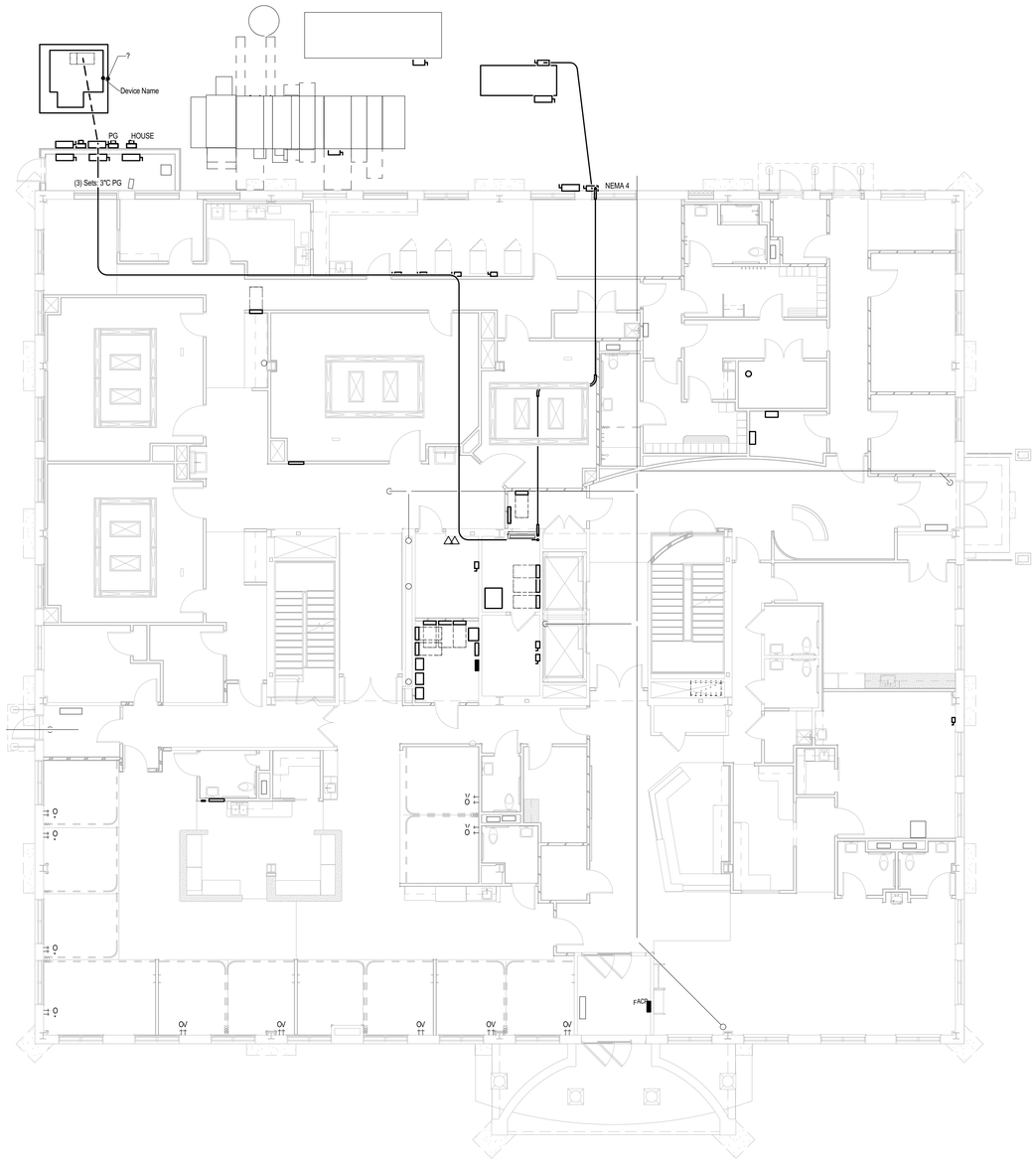
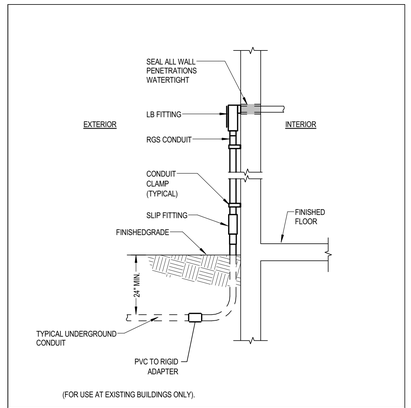
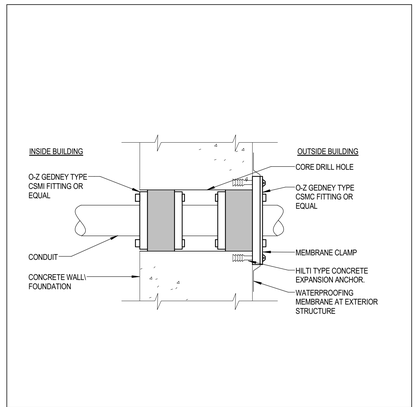


ELECTRICAL SITE PLAN & FIRST FLOOR CONDUIT ROUTING

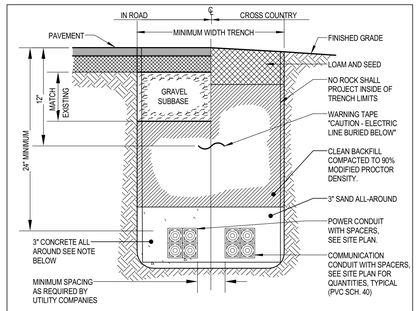
1/8" = 1'-0"



CP2 **TYPICAL THRU-WALL CONDUIT PENETRATION**
NOT TO SCALE



CP **TYPICAL CONDUIT PENETRATION DETAIL**
NOT TO SCALE

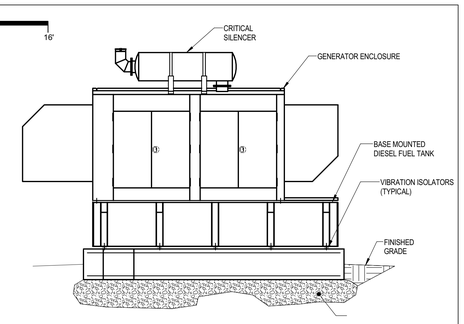


NOTES FOR CONCRETE ENCASED DUCTBANKS:

1. DUCTBANKS SHALL HAVE A MINIMUM THREE (3") SPACING BETWEEN CONDUITS.
2. PROVIDE 3" CONCRETE ENCASEMENT AROUND PVC CONDUITS AT ALL ROAD AND DRIVEWAY CROSSINGS TO 5' BEYOND EDGE OF PAVEMENT. TYPICAL
3. CONCRETE SHALL BE MINIMUM 3000 PSI COMPRESSIVE STRENGTH RATING. SLUMP SHALL BE 5 TO 6 INCHES AND CONCRETE SHALL BE WORKED IN TO COMPLETELY SURROUND CONDUITS. AGGREGATE SIZE: 3/4" STONE.
4. BOTTOM OF TRENCH SHALL BE UNDISTURBED ORIGINAL GROUND OR FIRMLY COMPACTED EARTH FREE FROM VOILS, ROCK, RUBBLE AND OF RELATIVELY SMOOTH ARCH, AND LINED WITH A MINIMUM OF 2 INCHES OF CLEAN SAND.
5. PVC CONDUIT SHALL BE PRIMED AND GLUED TO FORM A WATERTIGHT SEAL, TYPICAL.

TR **TYPICAL TRENCH DUCTBANK DETAIL**
NOT TO SCALE

0' 4' 8' 16'



NOTE:

1. PROVIDE 24"x24" WINDOW IN SLAB AND SLIP JOINT AT CONDUIT TERMINATIONS.

GEN **GENERATOR MOUNTING DETAIL**
NOT TO SCALE

DIG SAFE NOTE:

UTILITIES ARE PLOTTED FROM FIELD LOCATION AND ANY RECORD INFORMATION AVAILABLE, AND SHOULD BE CONSIDERED APPROXIMATE. OTHER UTILITIES MAY EXIST WHICH ARE NOT EVIDENT OR FOR WHICH RECORD INFORMATION WAS NOT AVAILABLE. CONTRACTORS MUST CONTACT ALL UTILITY COMPANIES BEFORE EXCAVATING AND DRILLING. ALSO, CALL "DIG SAFE" AT 1 (888)344-7233 [1(888)DIG-SAFE] IN MA, ME, NH, RI AND, VT. DIG-SAFE WEBSITE: WWW.DIGSAFE.COM

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No.	Date	Description
		Revision Schedule

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3/18/2016

TITLE
ELECTRICAL SITE PLAN AND DETAILS

SHEET
ES101