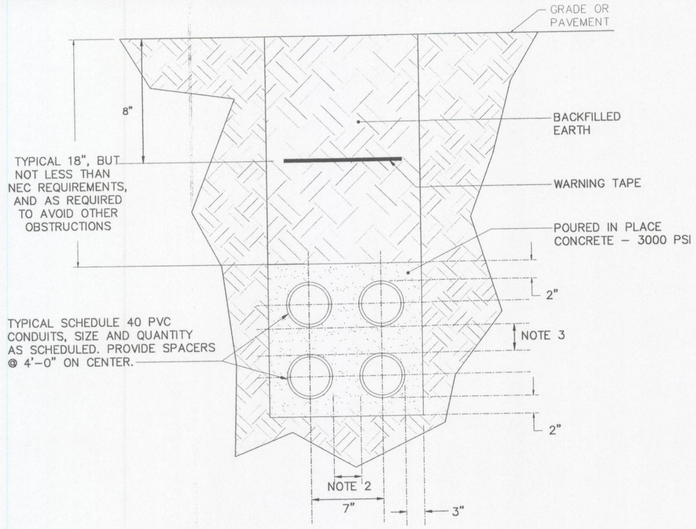
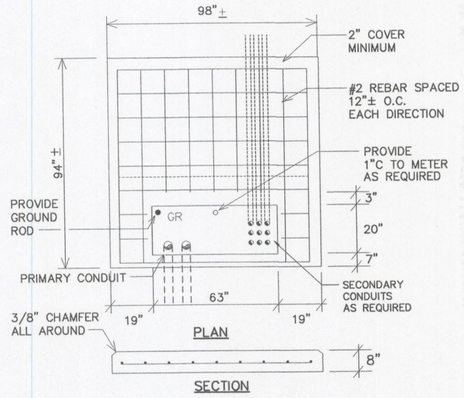


TYPICAL SECTION THROUGH DUCTBANK RUN (FOR SYSTEMS RATED 600V AND LESS)

2 | E2 | E2

NOT TO SCALE

NOTES:
1. ALL FEEDERS RUN OUTSIDE REQUIRE CONCRETE ENCASEMENT.
2. PROVIDE 3" OR MORE, SEPARATION BETWEEN ADJACENT POWER CONDUITS,

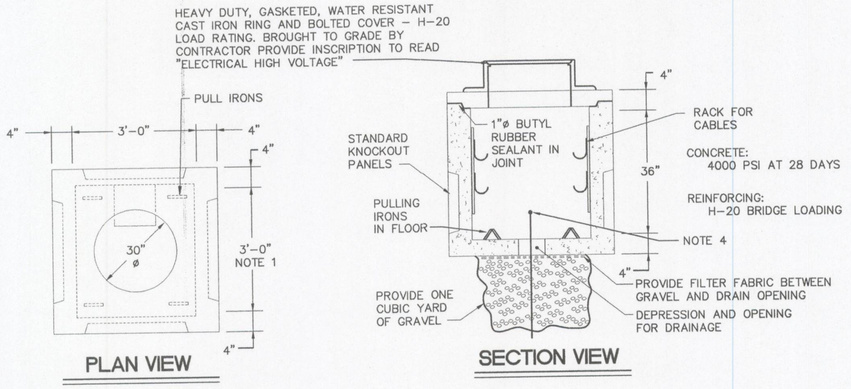


TYPICAL PAD MOUNTED TRANSFORMER CONCRETE PAD TYPICAL

4 | E2 | E2

NOT TO SCALE

NOTES:
1. CONCRETE TO BE 3,000 LBS. GRADE.
2. DIMENSIONS SHOWN HERE ARE ONLY APPROXIMATE. OBTAIN FROM POWER CO. THE EXACT DIMENSIONS AND PAD CONFIGURATION, REQUIRED AND PROVIDE PAD TO SATISFY POWER COMPANY'S REQUIREMENTS.
3. PAD SHALL HAVE AN AVERAGE HEIGHT OF 4" ABOVE GRADE AND SHALL BE RECESSED IN THE GROUND, NOT LESS THAN 4–INCHES FOR A TOTAL MINIMUM THICKNESS OF 8".

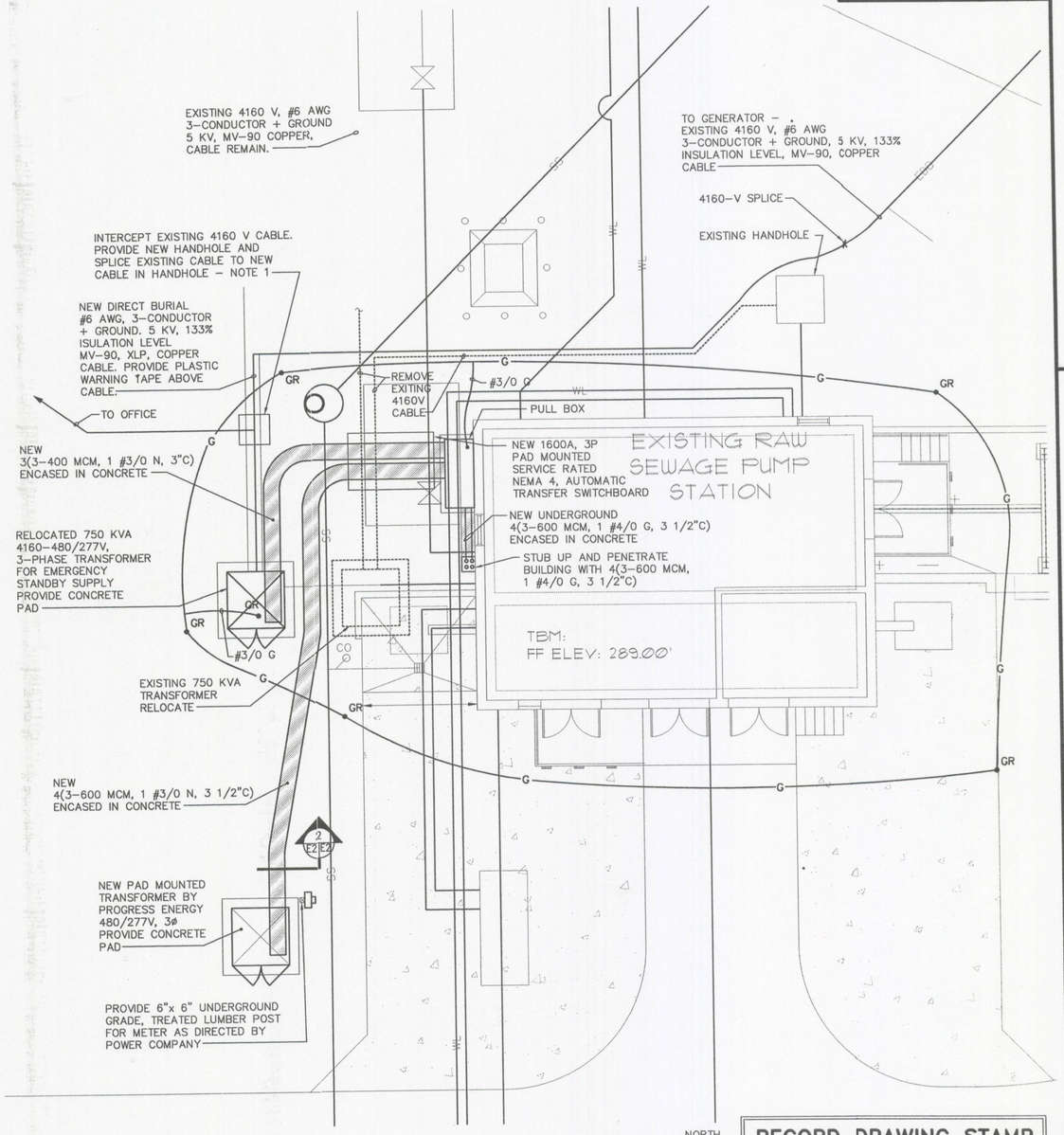


TYPICAL HANDHOLE DETAIL

3 | E2 | E2

NOT TO SCALE

NOTES:
1. POWER MANHOLES PHH–A1 AND A2 DIMENSIONS SHALL BE 3'–0" x 3'–0" x 3'–0", INTERIOR DIMENSIONS.
2. RACK CABLES TO THE SIDES IN A NEAT AND ORGANIZED MANER.
3. PROVIDE IN EACH HANDHOLE LABEL IDENTIFICATION TAGS FOR EACH CIRCUIT OR CABLE. STATING CABLE USAGE, ORIGIN AND TERMINATION POINT.
4. PROVIDE GROUND ROD AND BOND ALL EXPOSED METAL TO GROUND ROD.



SITE PLAN

1

SCALE: 1/8" = 1'–0"

1/8" = 1'–0" 4' 0 4' 8' 16'

NOTES:
1. SPLICE 4160 VOLT CABLES UTILIZING COMPRESSION TYPE CONNECTOR AND U.L. LISTED MEDIUM–VOLTAGE SPLICE INSULATION KIT SUITABLE FOR WET LOCATIONS. PROVIDE SLEEVES THROUGH WALLS OF HANDHOLE AS REQUIRED AND WATERPROOF SLEEVES AFTER CABLE IS RUN.

RECORD DRAWING STAMP

DATE: 14 September 2007

This record drawing has been prepared, in part, based upon information furnished by others. While this information is believed to be reliable, the DESIGN PROFESSIONAL cannot assure its accuracy, and thus is not responsible for the accuracy of this record drawing or for any errors or omissions which may have been incorporated into it as a result. Those relying on this record document are advised to obtain independent verification of its accuracy before applying it for any purpose.

REVISIONS			
SYM.	DESCRIPTION	DATE	BY

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ELECTRICAL SITE PLAN

WATER POLLUTION CONTROL PLANT
RAW SEWAGE PUMP STATION UPGRADE
MOORE COUNTY, NORTH CAROLINA

DATE:	FEB. 2006
DESIGNED:	DL
DRAWN:	–
CHECKED:	DL
SCALE:	AS SHOWN

SHEET NO. E-2

OF: _____

Modified: Jan 15, 2008 Modified By: SethI Scale: 1/8"=1'-0" Plotted: Jan 24, 2008 - 4:37pm Plotted By: Seth I X:\PROJECTS\2005\205.035-PWSWG-PH1\ELECTRICAL\E-02.dwg E-2