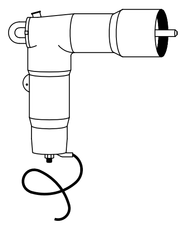
13.8 KV TRANSFORMER SCHEDULE

NUMBER	TRANSFORMER (By Building)	TYPE	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CONNECTION TYPE	RATING	REMARKS
TF1-C	BUILDING 1 CHILLER SERVICE	PAD	13.8 KV	120/208	DELTA-WYE	500KVA	



4 / E4.0 LOAD BREAK ELBOW SURGE ARRESTER

NOTE:

USE "DANGER" SIGNS ON ALL DUCTS, PULLBOXES, AND JUNCTION BOXES CONTAINING CONDUCTORS OPERATING AT POTENTIALS OVER 600 VOLTS.

USE "WARNING" SIGNS ON EXTERIOR OF ALL ENCLOSURES CONTAINING. CONDUCTORS OPERATING AT POTENTIALS UNDER 600 VOLTS.

STANDARD PROPORTIONS ALL DIMENSIONS IN INCHES

SIGN SIZE Min. Height	Width	RED OVAL Height	Width	WORD DANGER Height
3 1/2	x 5	1 7/16	x 4 1/4	23/32

"DANGER" / "WARNING" SIGN

5 / E4.0 EQUIPMENT WARNING SIGNS NO SCALE

EQUIPMENT NAME

PRIMARY DISCONNECT LOCATION, SIZE/FUSE AND FEEDER SIZE(CONDUIT AND CONDUCTORS).
SECONDARY DISCONNECT LOCATION, SIZE/FUSE AND FEEDER SIZE(CONDUIT AND CONDUCTORS).
DATE, TRANSFORMER POWER FACTOR, TRANSFORMER SIZE IF FEED FROM TRANSFORMER
IF SERVICE RATED LABEL "SERVICE EQUIPMENT RATED".
AIC RATING.

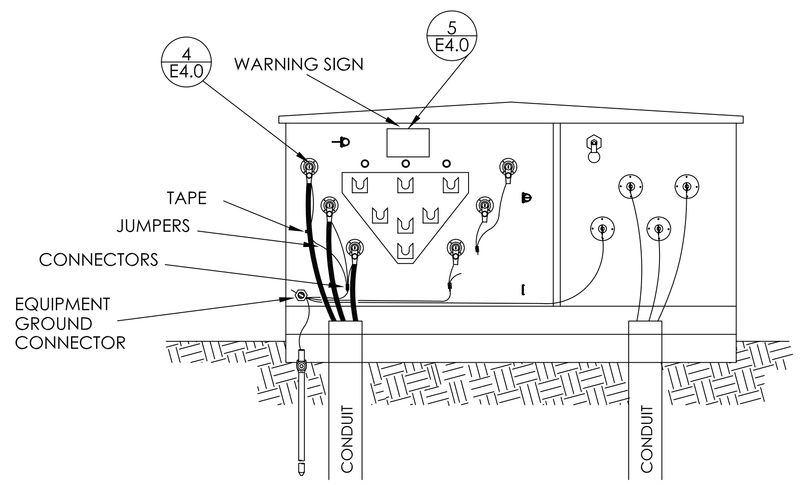
NOTES:

USE "WARNING" SIGNS ON EXTERIOR OF ALL ENCLOSURES CONTAINING. CONDUCTORS OPERATING AT POTENTIALS UNDER 600 VOLTS.

THE ABOVE LABELING IS MINIMUM REQUIRED ALSO ADD ALL LABELING PER NEC.

LABEL SHALL BE ATTACHED TO THE FRONT OF EQUIPMENT WITH SCREWS.

6 / E4.0 EQUIPMENT LABELING SIGNS NO SCALE

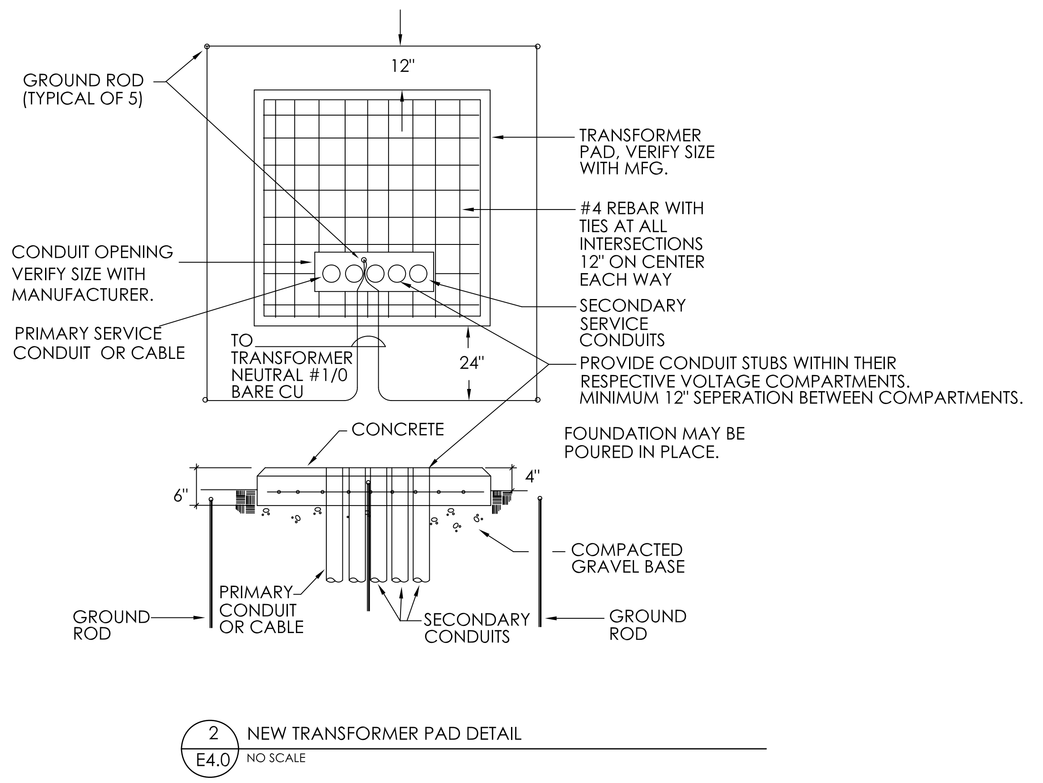


SEE DETAIL 2/E4.0 FOR TRANSFORMER PAD.

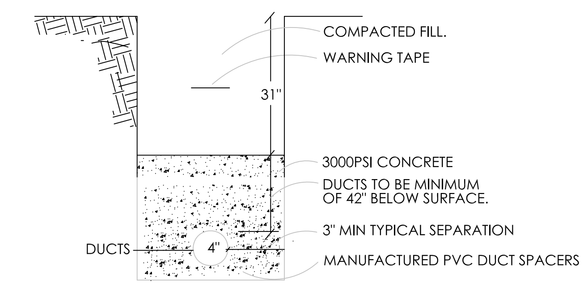
1 / E4.0 THREE PHASE PAD MOUNTED TRANFORMER NO SCALE

TRANSFORMER BY CONTRACTOR.
INCLUDING FEATURES:
- ADJUSTABLE TAP SETTINGS.
- BAYONET FUSES
- PRIMARY ROTARY SWITCH (OIL COMPARTMENT)
- OIL SAMPLE PORT

SEE SPECIFICATIONS 26-12-19



2 / E4.0 NEW TRANSFORMER PAD DETAIL NO SCALE



3 / E4.0 DUCTBANK AND TRENCH DETAIL NO SCALE

100% CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

Revisions	Date

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Drawing Title	DETAILS AND SCHEDULES
Approved	JOEL A. KATH LICENSE #25677
Project Title	Transfer Switches
Location	St. Cloud VA Health Care System
Date	April 6, 2012
Checked	JAK
Drawn	CAB/DLJ
Project Number	656-12-193
Building Number	-
Drawing Number	E4.0
Dwg.	7 of 8

VAMC SAINT CLOUD MN

VA FORM 08-6231