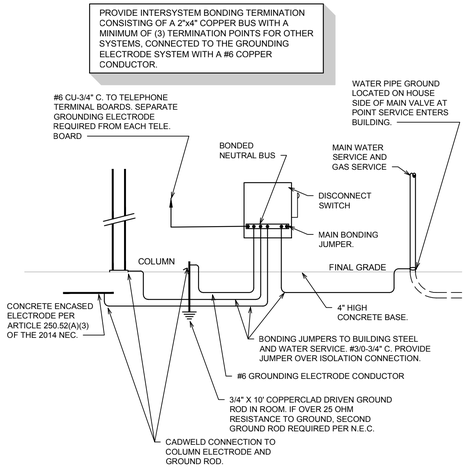
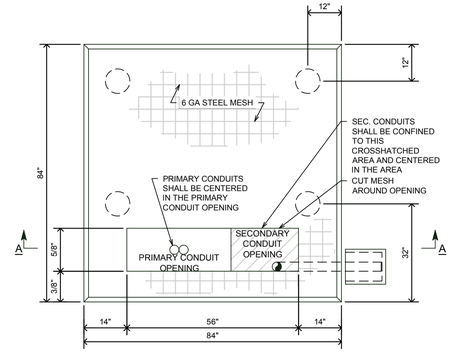
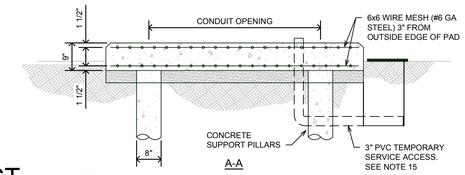


3 SYSTEM GROUNDING DETAIL-DISCONNECT

SCALE: N.T.S.

NOTE: PROVIDE OTHER GROUND CONNECTIONS AS SPECIFIED IN N.E.C. ARTICLE 250.50 (2014)





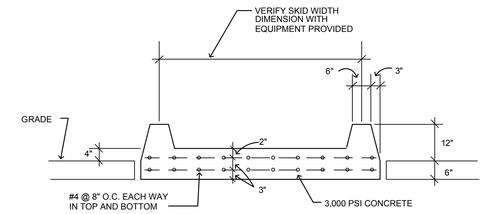
A-A

NOTES:

1. PAD LOCATION SHALL BE APPROVED BY LOCAL UTILITY COMPANY.
2. TRANSFORMER SHALL BE INSTALLED NEAR THE CUSTOMER'S SERVICE ENTRANCE.
3. IF TRANSFORMER PAD IS INSTALLED IN AN AREA SUBJECT TO VEHICULAR TRAFFIC, THE INSTALLATION SHALL BE PROTECTED WITH A PIPE-RAIL GUARD. (SEE SS-77.9)
4. FOR PROPER CLEARANCE AROUND THE TRANSFORMER, REFER TO SS-75.0.
5. CONTRACTOR SHALL EXTEND FORMS DOWN TO AT LEAST 3" BELOW AVERAGE GROUND LINE.
6. CONCRETE SHALL BE A MINIMUM OF 3,000 LB. MIX.
7. TOP OF TRANSFORMER PAD SHALL RECEIVE A SMOOTH TROWEL FINISH. CORNERS AND EDGES SHALL BE ROUNDED OR BEVELED.
8. CONDUIT OPENING SHALL BE FREE AND CLEAR OF CONCRETE.
9. TOPS OF THE CONDUIT SHALL BE FLUSH WITH THE TOP OF THE CONCRETE PAD.
10. NUMBER OF CONDUITS NECESSARY IS DEPENDENT ON THE MAXIMUM NUMBER OF SERVICE CONDUCTORS ALLOWED IN THE LOW-VOLTAGE COMPARTMENT OF THE TRANSFORMER. REFER TO SS-73.1 FOR MAXIMUM NUMBER. INSTALL 1" METERING CONDUIT FROM PAD TO METER ENCLOSURE WHEN TRANSFORMER RATED METERING IS SET ON ADJACENT BUILDING OR STAND & METERING TRANSFORMERS ARE IN THE PADMOUNT TRANSFORMER. (SEE SS-74.0)
11. PILLARS ARE FORMED BY AUGERING AND 8" DIAMETER HOLE TO A DEPTH OF UNDISTURBED EARTH. A SEPARATOR, SUCH AS TAR PAPER, SHOULD BE PLACED BETWEEN THE PILLAR AND THE PAD SO THAT THE PAD CAN BE LEVELED AT A LATER TIME IF NECESSARY.
12. LOCAL UTILITY RESERVES THE RIGHT NOT TO ACCEPT THE CONDITION OF THE CONCRETE PAD IF IT FAILS TO MEET THE REQUIREMENTS STATED IN THIS STANDARD.
13. THE 6" ABOVE GRAD CAN BE REDUCED TO 4" ABOVE FINISHED PAVEMENT.
14. CONDUIT OPENING DIMENSIONS PERTAIN TO ABB & GE (1991 & NEWER) TRANSFORMERS. CHECK WITH LOCAL UTILITY SERVICE CENTER TO BE SURE THAT THE OPENING IS THE CORRECT SIZE FOR THE TRANSFORMER DESIGNATED FOR THE JOB. CALL LOCAL SERVICE CENTER TO CONFIRM PAD DIMENSIONS BEFORE PAD IS POURED.
15. CONDUIT TO EXTEND 1' TO 2' BEYOND EDGE OF PAD. DO NOT BACKFILL. USE MIN. 3/4" PLYWOOD OR COMPARABLE COVER TO SECURE THE HOLE.

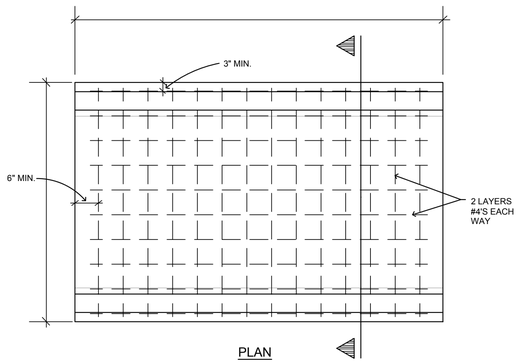
2 TRANSFORMER PAD DETAIL

SCALE: NONE



SECTION

NOTES:
1. PAD BY G.C./E.C. TO VERIFY ALL REQUIREMENTS WITH EQUIPMENT PROVIDED PRIOR TO G.C. POURING PAD.
2. THICKNESS AND STEEL MUST BE SIZED PER GENERATOR SIZE.

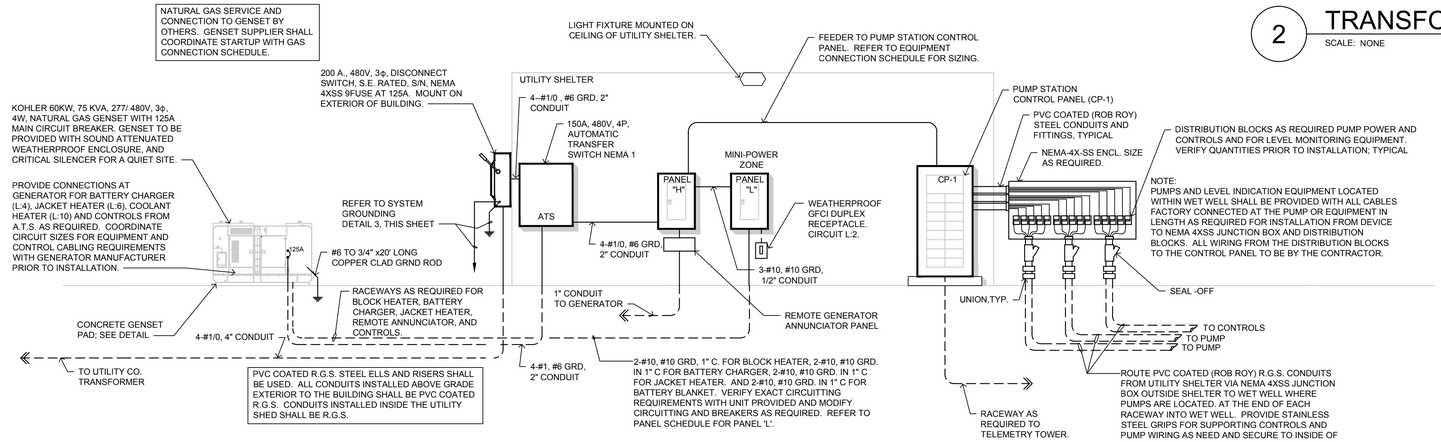


PLAN

NOTES:
1. INSTALL 1/4 X 1/4 REMOVABLE WIRE FENCING AROUND GENERATOR AND PAD AND ANY OPENINGS TO STOP RODENT ENTRY.

1 ENGINE GENERATOR PAD DETAIL

SCALE: NONE



A ELECTRICAL RISER DIAGRAM

SCALE: NONE

SERVICE VOLTAGE: 277/480 V, 3ϕ, 4W.

ELECTRICAL CONTRACTOR SHALL VERIFY CONDUIT QUANTITIES NEEDED. ALL CONDUITS REQUIRED MAY NOT BE SHOWN IN THIS RISER DIAGRAM.

PHILIP JOHN VOSKUIL — 11701 — 11-31-17 — KANSAS — PROFESSIONAL ENGINEER

EXPIRES: 04-30-2019

17327.00-015

Integrated Consulting Engineers, Inc.
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Baughman

Rocky Ford Addition

MISC. DETAILS

Sanitary Sewer Improvements

Baughman Company , P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-2221 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN	DRAWN
468-84465	GWS	
REVISIONS:	APPROVED: PJV	DATE: 11-01-17
	SCALE: AS NOTED	
	SHEET: 14	26