

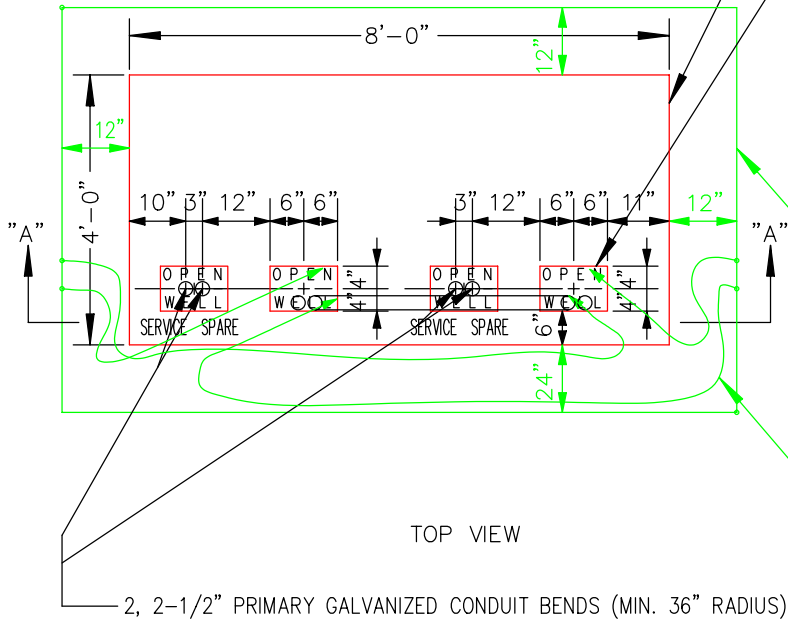
Rev. No.	Date	By	Appd.	Description
0	6/15/00	RWS	MEB	Original drawing.
1	1/23/01	MED	MEB	Updated grounding specs. & drawing border.
2	4/25/01	MED	MEB	Updated grounding cable note.

NOTES:

PAD LOCATION SHALL BE ACCEPTABLE TO CITY OF OAK RIDGE ELECTRIC DEPARTMENT (CORED), AND SHALL BE A MINIMUM OF 25' FROM FROM FLAMMABLE BUILDINGS, DOORS, ETC. OR A PROTECTIVE WALL SHALL BE BUILT BY CUSTOMER AROUND PART OF PAD. IF PAD LOCATION IS VULNERABLE TO VEHICULAR TRAFFIC, GUARD POSTS SHALL BE INSTALLED BY CUSTOMER AS PER CORED DRAWING 482. CUSTOMER SHALL INSTALL 2 X 2-1/2" SCH. 40 PVC CONDUIT (42" DEEP) BETWEEN PAD MOUNTED TRANSFORMER AND RISER POLE. CUSTOMER TO FURNISH INITIAL 10' FOR SERVICE AND SPARE CONDUIT (RIGID). CORED WILL OWN, INSTALL, AND TERMINATE PRIMARY CABLE. CUSTOMER SHALL OWN AND INSTALL SERVICE CABLE, WHICH WILL BE TERMINATED AT PAD MOUNTED TRANSFORMER BY CORED. NO OTHER UTILITIES UNDER OR WITHIN 2 FEET OF PAD.

PAD CLEARANCES
 FRONT - 6' MINIMUM
 SIDES - 3' MINIMUM
 BACK - 3' MINIMUM
 OVERHEAD - NO OBSTRUCTIONS PERMITTED

PLEASE CALL CITY OF OAK RIDGE ELECTRIC DEPARTMENT
 (865)-425-1803
 TO INSPECT THE PAD FORM BEFORE
 POURING CONCRETE.

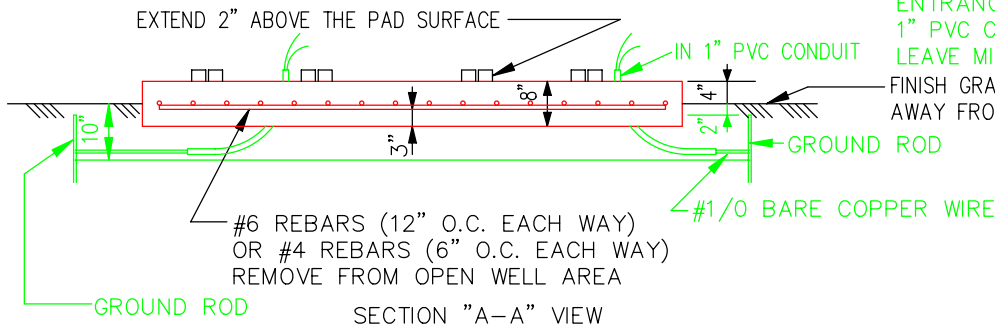


3000 PSI CONCRETE PAD (8" THICK), ON UNDISTURBED OR WELL COMPACTED EARTH. A CURE TIME OF 7 DAYS REQUIRED BEFORE TRANSFORMER IS SET.

BOXES REPRESENTS THE SERVICE CONDUIT ENTRANCE AREA. ALL SERVICE CONDUIT BENDS MUST BE CONFINED WITHIN THIS AREA AND AS NEAR THE CENTER AS PRACTICAL. THIS AREA IS MEANT TO BE AN OPENING IN THE PAD. SPARE CONDUIT(S) ARE STRONGLY RECOMMENDED!

#1/0 BARE CU. WIRE (80' REQUIRED) 5/8" x 8" CU. GROUND ROD (2 REQUIRED) 5/8" GROUND ROD CLAMP (4 REQUIRED). #1/0 CABLE TO #1/0 CABLE CONNECTOR (8 REQUIRED). FURNISHED AND INSTALLED BY THE CUSTOMER.

THE ENDS OF THE GROUND WIRE LOOP SHALL BE BROUGHT UP WITH THE CONDUIT BENDS IN THE SERVICE CONDUIT ENTRANCE AREA IN A 1" PVC CONDUIT, AS SHOWN. LEAVE MIN. 5' EXCESS WIRE. FINISH GRADE (SLOPE TO DRAIN AWAY FROM PAD)



CORED
 SCALE: NTS
 RWS

Standard Pad Mounted Transformer
 Foundation Details for Special Three Phase
 240V Delta Services up to 100 KVA

DATE: 6/15/00

STANDARD NUMBER

481.S01.R02
 A-PMT-240-0D