

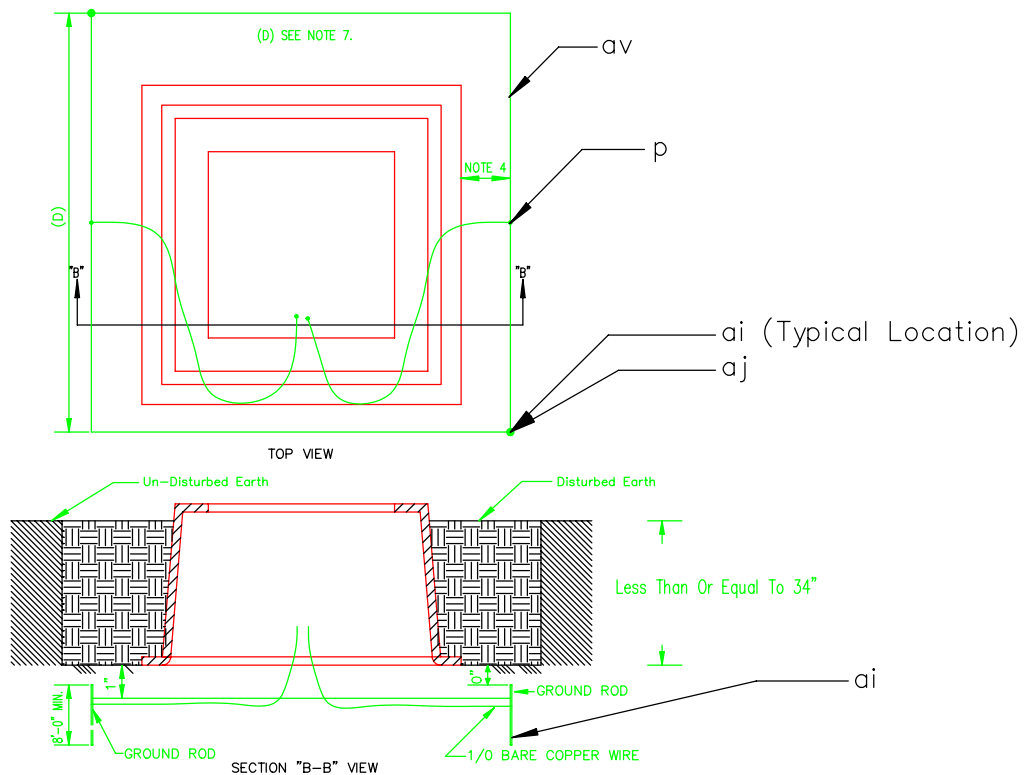
Rev. No.	Date	By	Appd.	Description
0	1-23-01	MED	MEB	Updated grounding specs. & drawing border.
1	x/x/xx	-	-	-
2	x/x/xx	-	-	-

NOTES:

- PLACE TWO GROUND RODS AT OPPOSITE CORNERS. MINIMUM DISTANCE BETWEEN GROUND RODS SHALL BE 6'0".
- GROUNDING GRID 1/0 BARE COPPER BURIED 1" BELOW GROUND (AT BOTTOM OF HOLE), RUN WIRE INTO BASEMENT AND ALLOW 5'-0" FOR GROUNDING LIVE FRONT SWITCH / FUSE ENCLOSURES.
- PAD OR BASEMENT IS NOT PART OF THIS UNIT.
- PLACE GROUND WIRE A MINIMUM OF 24" AWAY FROM THE SIDE OR SIDES OF PAD THAT A PERSON WOULD STAND TO OPERATE THE EQUIPMENT. THE GROUND WIRE MAY BE PLACED WITHIN 12" OF THE OTHER SIDES.
- 8'-0" MINIMUM LENGTH OF GROUND RODS (2 RODS TOTAL) AT EACH CORNER.
- RESISTANCE TO GROUND NOT TO EXCEED 25 OHMS.
- DISTANCE (D) BETWEEN GROUND RODS SHALL BE SPACED AT EQUAL INTERVALS, EXCEPT WHEN IN CONFLICT WITH NOTE # 4.
- GROUND RODS SHALL BE LOCATED IN UNDISTURBED EARTH WHERE PRACTICAL.

Item	Qty.	P/N	Description
av	60'	3-5704	Wire, CU BARE 1/0 7STR MHD
ai	2	3-4323	Rod, Ground 5/8x8' CU
aj	3	3-0809	CONN SHEARLOK 5/8" ROD TO 1/0 CABLE
p	2	3-0810	CONN GROUNDING 1/0 TO 1/0
---	2	3-1574	CONN, S/B CU #118112 (#1/0 Cable)

Basic Grounding Technique for Manholes, Vaults, Handholes, and other Shallow (less than or equal to 34" deep) Underground Installations.



CORED
SCALE: NTS
MED

Standard Grounding Grid for Manholes, Vaults, Handholes, and other Shallow (Less than or Equal to 34") Underground Installations.

DATE: 1/23/01

STANDARD NUMBER

504.S01.R00
UM48-5