



DISTRIBUTION CONSTRUCTION STANDARD
 EUGENE WATER & ELECTRIC BOARD - EUGENE, OREGON

GROUNDING DETAIL PRIMARY INSTALLATION 4' 8" X 4' 8" VAULT

Approved Jun 20, 2024
EC5-3.0800
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REV.
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ASSEMBLY EC5-3.0801

GROUNDING DETAIL - PRIMARY INSTALLATION 4' 8" X 4' 8" VAULT

1.	434-0000897	62 FT	CNDCTCU#2STRDSD
2.	460-0001417	2 EA	RODGND5/8 X 8GALV
3.	444-0001174	1 EA	CONNCRPT2STRD-2SOL
4.	442-0001102	2 EA	CONNGRNDROD5/8"

CONSTRUCTION NOTES:

1. Grounding conductor shall be No. 2, seven strand, soft drawn, bare (un-insulated) copper.
2. Grounding conductor shall be installed in one continuous length without a splice or joint except where the two ends are joined inside the vault.
3. Inside of vault leave 16 ft, minimum of one end of the grounding conductor and 2 ft, minimum of the other end for connection. EWEB to make connection between the two ends of grounding conductor.
4. Lid dimensions vary, grounding conductor placement measurement shown shall be from edge of lid.

REFERENCE STANDARDS:

- A) Refer to EC5-2.1100 for 4' 8" x 4' 8" for concrete vault.
- B) Refer to EC5-2.1400 for 4' 8" x 4' 8" vault & 3 ph. transformer lids.
- C) Refer to EC5-2.1700 for 4' 8" x 4' 8" solid lids & inset rings.
- D) Refer to EC5-2.2000 for 4' 8" x 4' 8" concrete riser sections.