



EC5-3.2901

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

ALTERNATE GROUNDING DETAIL TRANSFORMER OR VAULT

Approved May 27, 2015
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ASSEMBLY EC5-3.2901
ALTERNATIVE GROUNDING INSTALLATION

1. 434-0000898 256 FT CNDCTCU1/0STRDSD

CONSTRUCTION NOTES:

1. The use of this grounding alternative, in any installation, requires electrical system engineering approval.
2. Grounding conductor shall be 1/0, nineteen strand, soft drawn, bare (un-insulated) copper.
3. Grounding conductor shall be installed in one continuous length without a splice or joint except where the two ends are joined inside the vault as shown on above.
4. 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.

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