

STANDARD ASSEMBLY	BOX BOTTOM DIMENSION	MINIMUM LENGTH OF EACH CONDUCTOR MAKEUP		MINIMUM LENGTH OF EACH SECONDARY/SERVICE CONDUCTOR MAKEUP
		FEEDER	PRIMARY	
EC5-2.0201 EC5-2.0206	21" X 27" 27" X 39"	N/A		EQUAL TO THE LENGTH OF BOTTOM OUTSIDE LONGEST DIMENSION OF BOX.
EC5-2.0401 EC5-2.0406 EC5-2.0411	19" X 23" 24" X 30" 30" X 41"			
EC5-2.0501 EC5-2.0505	19" X 23" 24" X 30"			
EC5-2.0901 EC5-2.1001	3'-6" X 3'-2"	N/A	10 FEET	12 FEET
EC5-2.3501	3'-3" X 2'-4"			N/A
EC5-2.1101 EC5-2.1401	4'-8" X 4'-8"	N/A	10 FEET	16 FEET
EC5-2.2301	7'-11" X 13'-0"	N/A	45 FEET	45 FEET
EC5-2.2601 EC5-2.2901	7'-11" X 13'-0"	45 FEET		N/A
EC5-2.2701 EC5-2.2706	4'-8" X 7'-0"	25 FEET		25 FEET

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

**REQUIRED MINIMUM FEEDER, PRIMARY AND SECONDARY/SERVICE CONDUCTOR MAKEUP LENGTH FOR VAULTS AND SECONDARY BOXES**

Approved May 09, 2016

**EC5-2.0100**

**REV  
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## 1.0 DESIGN NOTES:

- 1.1 When installing a new vault or concrete secondary box, provide conductor makeup as shown and refer to the vault standard design notes for the appropriate number and style of conductor support and secondary mole support brackets.

## 2.0 REFERENCE STANDARDS:

- A Refer to EC5-2.0200 through EC5-2.3500 for vaults and secondary boxes.
- B Refer to EC5-8.0500, EC5-8.0800 and EC5-8.1100 for feeder, primary, secondary and service conductors.
- C Refer to EC5-9.0500 for conductor support and secondary mole support brackets.
- D Refer to GC5-2.4000 for 4' 8" x 4' 8" x 4' concrete vault knockout entrance template detail, used with 3' x 3' lid.
- E Refer to GC5-2.4200 for 4' 8" x 4' 8" x 4' concrete vault knockout entrance template detail, used with transformer
- E Refer to GC5-2.4400 for 4' 8" x 7' x 4' concrete vault knockout entrance template detail, used with SE-3.

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Page 2 of 2