

STANDARD OR ASSEMBLY	BOX BOTTOM OR VAULT FLOOR 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
EC5-A.9000	12'-0" X 20'-0"	N/A	50 FEET	50 FEET

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.

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Approved Sep 08, 2023

EC5-2.0100

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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.
- F. Refer to GC5-2.4400 for 4' 8" x 7' x 4' concrete vault knockout entrance template detail, used with SE-3.
- G. Refer to EC5-A.9000 for transformer vault room requirements.

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