



ELECTRICAL SERVICE BOX REQUIREMENTS

UGS

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 APPROVAL: *Dave Redding*

Electrical service boxes are small secondary splice boxes, bottomless and installed in two vertically stacked sections. These boxes are usually installed in areas not subject to H-20 traffic loading.

The following tabulation shows the size of various concrete electrical service boxes, approved manufacturers and a department assigned Item Number.

See UGS-320, UGS-320.1 or UGS-321 for details and installation.

Electrical service boxes may also be referred to as “handholes” or secondary pullboxes in this or other publications.

ITEM No.	NOMINAL SIZE	CONCRETE MANUFACTURER NUMBERS			
		BROOKS	J & R CONCRETE	BROOKS	J & R CONCRETE
ESB-1	11"x17"x12"	36PB	E 3-1/2	36PBT	E 3-1/2T
ESB-3	12"x22"x12"	2PB	E 5F	2PBT	E 5FT
ESB-6	17"x30"x24"	66PB-EX	E 6-B-12EX	66PB-EX-T	E 6-B-12EX
→ ESB-7	24"x36"x24"	67PB-EX-MB	E7-10EX	67PB-EX-MB-T	E7-10EX

NOTE:

1. All service boxes shall be marked “RIVERSIDE ELECTRIC” or “STREET LTG.” as applicable. See UGS-050 and -052.
2. Please note “Traffic” is for incidental use. Commonly used in driveway applications when the box may be occasionally driven over.