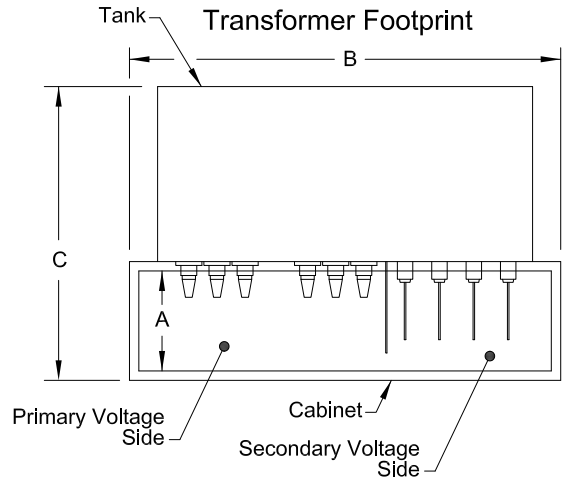
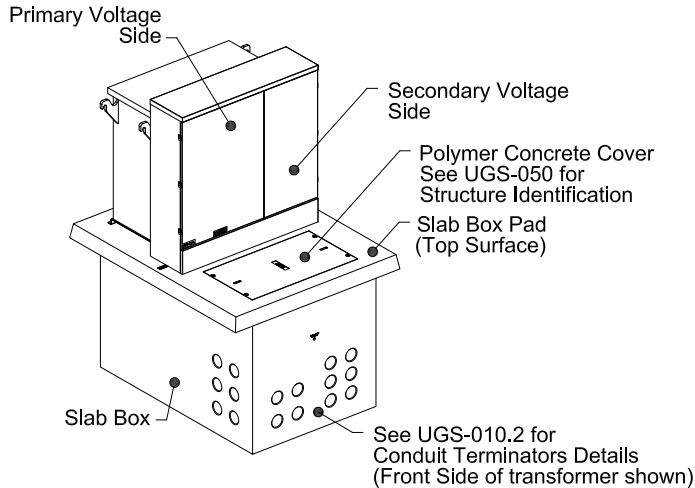


# TRANSFORMER SLAB BOX

**GENERAL:** 

Slab boxes are concrete pads with box compartments beneath. Boxes are rectangular and matched to pads. Boxes have personnel access openings through pad and knock-outs/conduit duct bank terminators at each corner of the box walls for duct or cable entry. The following tabulations show the size of various slab-boxes, manufacturer's name, and a Department assigned slab box number. The slab box number will be the identification used when listed on the "Structure Schedule" on each work order installation drawing.

1. Concrete Reinforcement Shall be in conformance with..... UGS-016
2. Duct Entrance..... UGS-110
3. Inserts..... UGS-202, UGS-205, UGS-205.1& UGS-206
4. Ground Rods and Wires..... UGS-225
5. Structure Details..... See Table Below



3Ø Transformer Size	X-fmr Slab-Box		3Ø Transformer Size Specs.				
	SB-3	SB-4	"A" Min.	"B" Max.	"C" Max.	Secondary Spade Holes	Length "D"
75 kVA 3Ø Pad Transformer	X		18"	69"	46"	4	7.625"
150 kVA 3Ø Pad Transformer	X		18"	69"	47"	4	7.625"
300 kVA 3Ø Pad Transformer	X		18"	74"	49"	6	9.375"
500 kVA 3Ø Pad Transformer	X	X	24"	74"	57"	8	11.125"
750 kVA 3Ø Pad Transformer	X	X	24"	74"	56"	16	18.125"
1000 kVA 3Ø Pad Transformer		X	24"	74"	58"	16	18.125"
1500 kVA 3Ø Pad Transformer		X	24"	74"	57"	16	18.125"
2000 kVA 3Ø Pad Transformer		X	24"	74"	66"	16	18.125"
2500 kVA 3Ø Pad Transformer		X	24"	82"	68"	16	18.125"

\*Dimensions reflect updated RPU Spec 1-5; existing inventory cabinet size may vary.

REVISION: Updated Manufacture Part Numbers

CHECKED BY (ENGINEERING): SJ

DATE: 08/24/17

CHECKED BY (FIELD): JH

PREPARED BY: SJR

APPROVED BY: Stephen E. Saford

Item No.	Description	Size		Precast Concrete Manufactures				Structure Details	Installation Details
		Slab Box Pad W x L (Top Surface)	Slab Box W x L x D (Interior)	Jensen		Oldcastle			
				Mfg. Dwg #'s	Rev.	Mfg. Dwg #'s	Rev.		
1	SB-2	4' x 7'	3' x 6' x 3'-6"	K3672-SB42-21-2		070-X012001-001		B	UGS-010.1
2	SB-3	6'-6" x 8'	4' x 6'-6" x 4'-2"	K668-466-SB50-21A	G	070-X012002-001	B	UGS-010.2	UGS-723
3	SB-4	8' x 10'	5' x 8'-6" x 5'	K810-SB60-21	K	070-X012003-001	0		

\*Shaded Items  are Obsolete and for reference only (T&D Supervisor approval required for use).

**Notes:**

1. Manufacture wall thickness may vary; verify manufacture drawing when ordering for proper trench clearances. See RPU Material Spec.1-4.11 for approved manufacture specifications.
2. All interior surfaces shall be painted with one coat of flat latex white paint.
3. Structures to be stenciled with Manufactures Name, Part No, Date of Pour & Weight on interior & exterior of concrete structure.
4. All slab boxes shall be furnished with a polymer concrete cover with stainless steel, penta head cap screws hardware for cover securing.
5. Polymer concrete covers are to be identified as "RIVERSIDE ELECTRIC" as per UGS-050.
6. Grade rings may be used when additional depth required, specify when ordering.