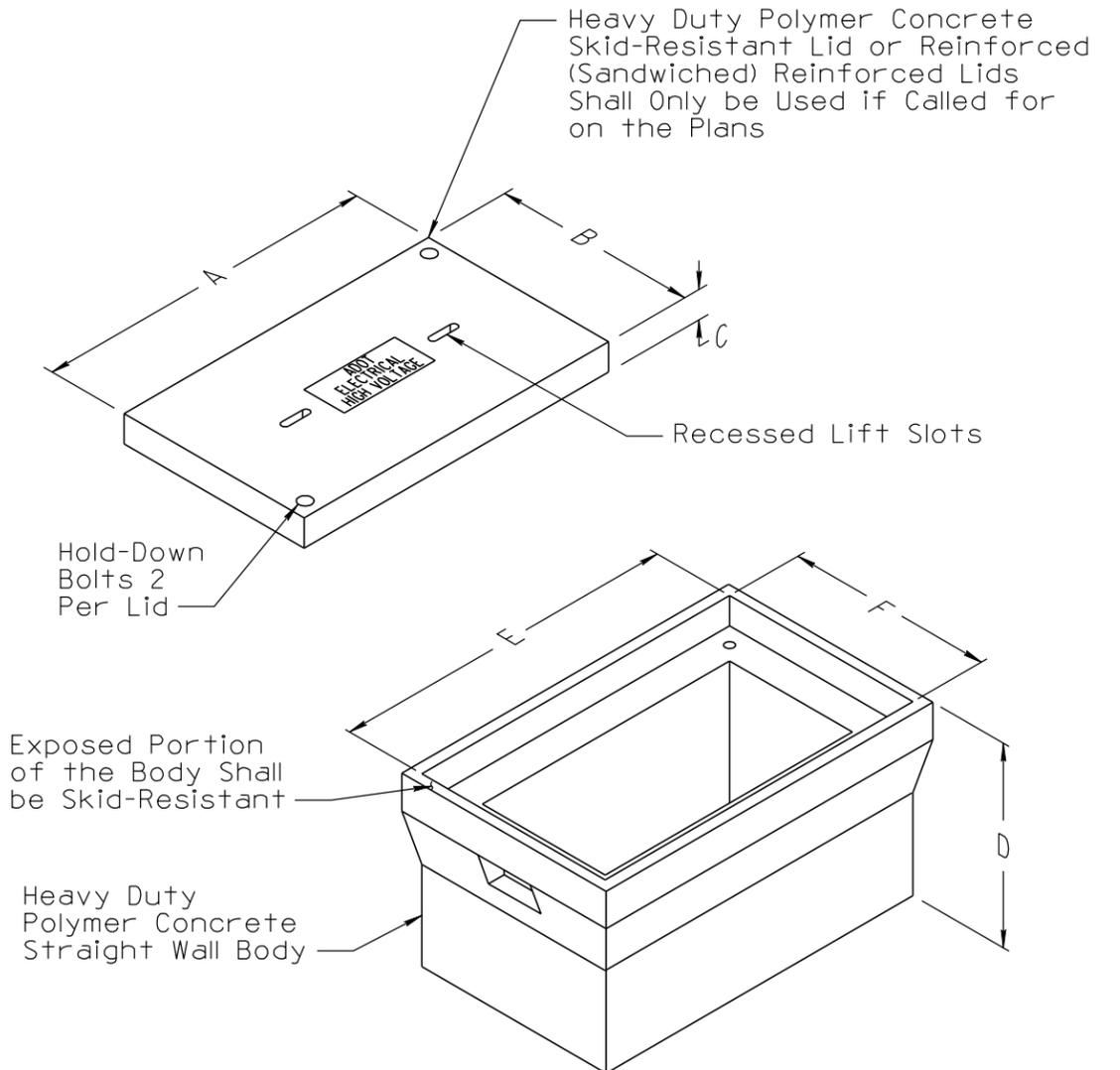


NO	DESCRIPTION OF REVISIONS	DATE	MADE BY
1	2010 EDITION	03/10	C. COLE
2	2011 EDITION - UPDATED VERBIAGE AND NOTES	09/11	C. COLE
3	REMOVED TABLE DIMENSIONS G-H, REVISED NOTES.		
4			

ADOT DESIGNATION	WUC 3.6 NOMINAL SIZE DESIGNATION	A	B	C	D	E	F	LOAD RATING	COMMENTS
No. 5 HD Pull Box	13" x 24"	23 1/4"	13 3/4"	2"	12"	23 1/2"	14"	HD	Standard Box Depth
No. 5 HD Pull Box	13" x 24" x 18" or 24"	23 1/4"	13 3/4"	2"	18" or 24"	23 1/2"	14"	HD	Alternative Depth to be used if called for on the plans or in lieu of an extension
No. 7 HD Pull Box	17" x 30"	30 1/2"	17 1/2"	2"	12"	30 3/4"	17 3/4"	HD	Standard Box Depth
No. 7 HD Pull Box	17" x 30" x 18" or 24"	30 1/2"	17 1/2"	2"	18" or 24"	30 3/4"	17 3/4"	HD	Alternative Depth to be used if called for on the plans or in lieu of an extension
No. 7 HD Pull Box	17" x 30"	30 1/2"	17 1/2"	2"	24"	30 3/4"	17 3/4"	HD	See Note 3; can be used instead of an extension to create 24" of body depth

NOTES:

- See Specifications for materials and construction.
- See T.S. 1-4 for installation requirements.
- Box enclosure depth (dimension D) may be increased, if necessary, by adding an extension or another pull box body unit or stacked body units.
- The heavy duty (HD) pull box bodies and lids shall conform to the applicable Western Underground Committee (WUC) Guide Version 3.6/02/0588 Appendix A dimension requirements unless specified otherwise. For example, the standard depth for ADOT boxes is 12"; the standard depth for WUC is 18". The WUC requirements are used primarily to achieve box body, lid and, when applicable, extension interchangeability. Lids, bodies and extension shall be fully interchangeable among manufacturers. An interchangeability test shall be conducted prior to approval to verify.
- The HD box body and lid shall, at a minimum, conform to all the applicable requirements of the most current version of the Society of Cable Telecommunications Engineers (SCTE) "Specification for Underground Enclosure Integrity" ANSI/SCTE 77. In addition to the chemical resistant requirements, the box body and lid shall also be resistant to a 5% solution of magnesium chloride. The box and lid shall have an ANSI/SCTE 77 Tier 22 load rating. The box body and lid shall be marked or labeled in a manner that confirms their compliance to ANSI/SCTE 77 requirements and also identifies the manufacturer, model number, brand name and size.
- The box and lid per this drawing are for off-roadway areas. These boxes shall not be used in sidewalks or other paved area where traffic is expected.
- The logos, lift slots, hold-down bolts and interface between the lid and body shall not present a tripping or high-heel hazard.
- Lids for pull boxes for ADOT shall be permanently marked with an appropriate designation in accordance with the project plans or the direction of the Engineer. Examples of these designations include "ADOT Electrical High Voltage", "ADOT Traffic Signals", or "ADOT FMS". Lids for pull boxes installed for another jurisdiction or entity shall be marked with the appropriate designation as directed by that agency. The Contractor shall verify the correct inscription for the lids prior to fabrication. Lettering shall be 1 inch ($\pm 1/4$ inch) measured from baseline to ascender and be cast, molded, or engraved into the lid. The lid marking should be installed in such a manner as to not pose a tripping hazard.
- Two captive $3/8$ " - 16 UNC hold down hex head bolts ($9/16$ " socket size) and washers shall be provided per lid. The bolts shall be of sufficient length to fully engage the lid's connection to the body. The flat washers shall be of sufficient diameter and thickness to avoid damage to the lid when the bolts are tightened. All lid hold-down hardware, including that in the box body, shall be stainless steel. The threaded lid hold-down inserts in the box body shall be drainable, cleanable and replaceable. They shall also be the "floatable" types. Hold-down bolts shall be tightened per the manufacturer's recommendations.
- Only approved boxes shall be used. It is acceptable to use deeper versions of the same model type.



NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/15
SIGNATURE		DRAWING NO. T.S. 1-2
APPROVED FOR DISTRIBUTION	HEAVY-DUTY NO. 5 AND NO. 7 STRAIGHT BODY WALL PULL BOX DETAILS	SHEET NO. 1 OF 1
ON FILE		