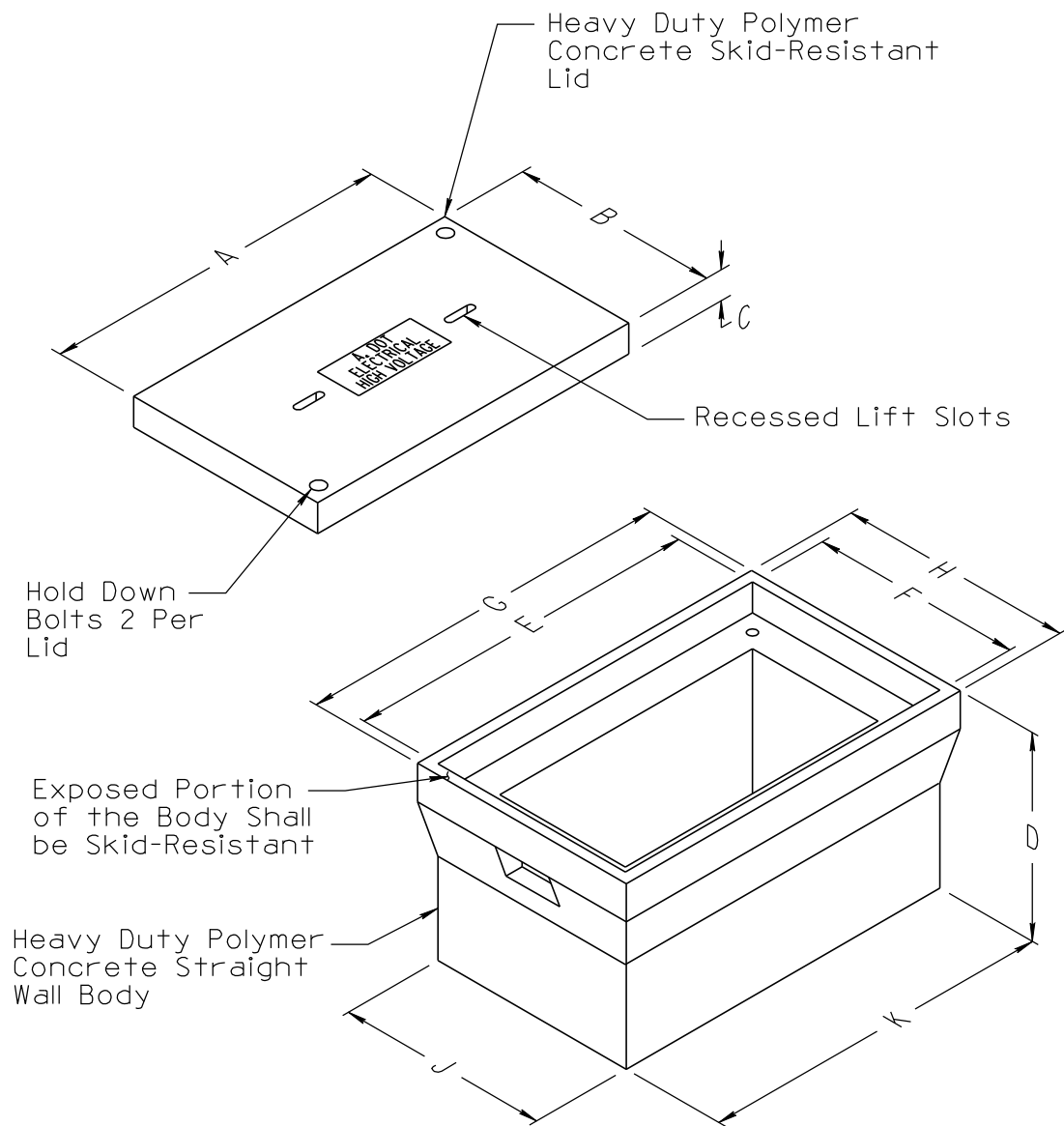


ADOT DESIGNATION	WUC 3.6 NOMINAL SIZE DESIGNATION	A	B	C	D	E	F	G	H	J	K	LOAD RATING	COMMENTS
No. 5 HD Pull Box	13" X 24"	23 $\frac{1}{4}$ "	13 $\frac{3}{4}$ "	2"	12"	23 $\frac{1}{2}$ "	14"	24 $\frac{3}{4}$ "	15 $\frac{3}{8}$ "	-	-	HD	Standard Box Depth
No. 5 HD Pull Box	13" X 24" X 18"	23 $\frac{1}{4}$ "	13 $\frac{3}{4}$ "	2"	18"	23 $\frac{1}{2}$ "	14"	24 $\frac{3}{4}$ "	15 $\frac{3}{8}$ "	-	-	HD	Alternative Depth
No. 7 HD Pull Box	17" X 30"	30 $\frac{1}{2}$ "	17 $\frac{1}{2}$ "	2"	12"	30 $\frac{3}{4}$ "	17 $\frac{3}{4}$ "	-	-	-	-	HD	Standard Box Depth
No. 7 HD Pull Box	17" X 30" X 18"	30 $\frac{1}{2}$ "	17 $\frac{1}{2}$ "	2"	18"	30 $\frac{3}{4}$ "	17 $\frac{3}{4}$ "	-	-	-	-	HD	Alternative Depth
No. 7 HD Pull Box	17" X 30"	30 $\frac{1}{2}$ "	17 $\frac{1}{2}$ "	2"	24"	30 $\frac{3}{4}$ "	17 $\frac{3}{4}$ "	-	-	-	-	HD	See Note 11, 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 a extension or another pull box body unit or stacked body units. Deeper boxes can be used in lieu of extension.
- 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 between manufacturers. An interchangeability test prior to approval shall be conducted 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 ice mitigation salt 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 which confirms their compliance to ANSI/SCTE 77 requirements.
- Box and lid per this drawing are for off-roadway non-deliberate traffic areas. This box is not suitable for direct roadway installations.
- The logos, lift slots, hold down bolts of interface between the lid and body shall not present a tripping or high heel hazard.
- Manufacturer's Name, Model No. or product brand name and size, shall be marked on all lids.
- The lids shall be permanently marked with "ADOT Electrical High Voltage" if not required otherwise. Lettering shall be 1" (+/-1/4") and be cast, molded, or engraved into the lid. The lid marking shall be done in such a manner as to not pose a tripping hazard. Pull boxes being installed within another jurisdiction or entity shall be marked with their designation (e.g. "PHX" for City of Phoenix) instead of "ADOT" or "A. DOT."
- Two captive 3/8" - 16 UNC hold down hex head bolts (9/16" socket size) and washers shall be provide per lid. The bolts shall be of sufficient length to fully engage the lids connection to the body. The flat washers shall be 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. Hold down bolts shall be tightend per the manufacturers recommedations.
- Only approved boxes shall be used.



NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION		DRAWING NO. T.S. 1-2
HEAVY DUTY NO. 5 AND NO. 7 STRAIGHT BODY WALL PULL BOX DETAILS		SHEET NO. 1 OF 1