

NO	DATE	DESCRIPTION OF REVISIONS
1	03/10	2010 EDITION
2	09/11	2011 EDITION - UPDATED VERBIAGE, ADDED NOTE II

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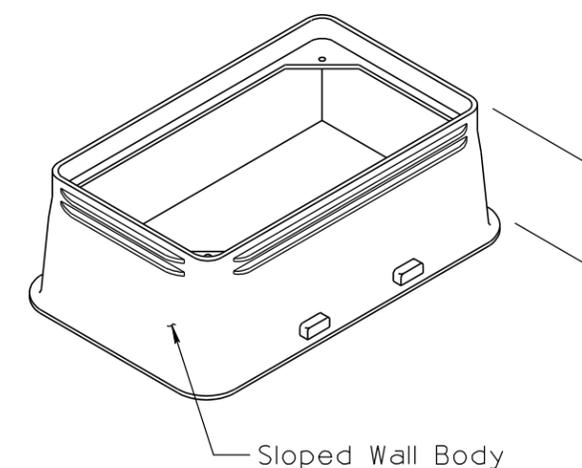
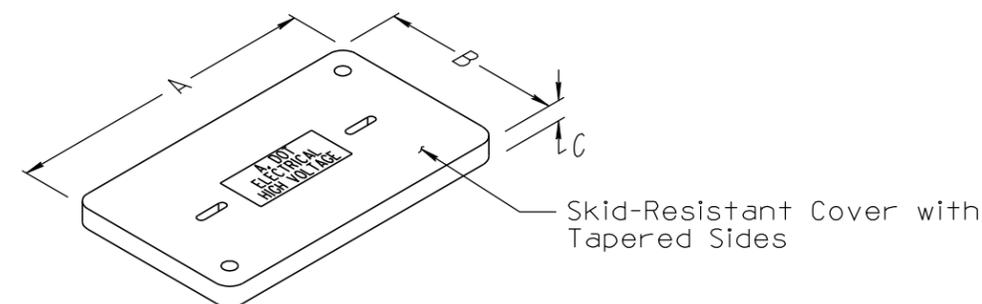
NO

NOTES:

1. See Specifications for materials and construction.
2. See T.S. 1-4 for installation requirements.
3. Box enclosure depth (dimension D) may be increased, if necessary, by using an 18" deep box.
4. The light-duty (LD) light-weight 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 and bodies shall be fully interchangeable between manufacturers. An interchangeability test, shall be conducted prior to approval.
5. The LD 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 8 load rating as a minimum. It is acceptable for the box body to have a higher tier level than that of the lid. Verification of the pull box with ANSI/SCTE requirements may be required prior to approval.
6. Box and lid per this drawing are for off-roadway non-deliberate traffic areas. A light-duty lightweight box is not suitable for roadway installations or where any vehicle, including maintenance or emergency vehicles, may run over the box occasionally. These boxes shall not be used in sidewalks or other paved areas. They shall also not be used in areas where wire theft is a potential issue.
7. All installed boxes and lids shall have no visible cracks or other signs of distress.
8. The lid thickness tolerance (Dimension C) is also based on how the lid fits onto the pull box body. The fit shall be such that the lid does not project above or lie below the surface of the pull box body lip. Lids and box body have an allowable tolerance of 1/8" based on the table. Lids shall be interchangeable regardless of the manufacturers. A interchangeability test shall be conducted to verify.
9. All pull boxes and lids shall have a gray colored finish.
10. The configuration shown is nominal and may vary among manufacturers unless it is critical to insure interchangeability and required function.
11. This box should typically be used for maintenance, new construction should be Heavy Duty boxes unless specifically specified otherwise on the project plans or specifications.

ADOT DESIGNATION	WUC 3.6 NOMINAL SIZE DESIGNATION	A	B	C	D	LOAD RATING	WEIGHT LIMIT*
No. 5 LD Pull Box	13" X 24"	23 1/4"	13 3/4"	2"	12" Normal or 18" if Required	LD	75 Lb
No. 7 LD Pull Box	17" X 30"	30 1/2"	17 1/2"	2"	12" Normal or 18" if Required	LD	100 Lb

* - Limit of Combined Weight of a 12" Body with Lid



NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 09/11
SIGNATURE		DRAWING NO. T.S. 1-1
APPROVED FOR DISTRIBUTION	LIGHT DUTY - LIGHT WEIGHT NO. 5 AND NO. 7 PULL BOX	SHEET NO. 1 OF 2
ON FILE		