



T20R (2.38" OD X 4" TALL)  
 T25R (2.88" OD X 4" TALL)  
 T30R (3.50" OD X 6" TALL)

DM19  
 DM28  
 DM29  
 DM39  
 DM49

NOTE: MINIMUM 50 LBS TOP LOAD REQUIRED TO PROPERLY OPERATE HINGE MECHANISM.

BASE HANDHOLE ON 270° ORIENTATION.

DETAIL 3 POLE TOP

DETAIL 1 BASE PLATE

ANCHOR BOLT TEMPLATE #

**ABT-135-4**

DETAIL 2 ANCHOR BOLT

- 1) HARDWARE TO BE GALVANIZED TO: ASTM A153
- 2) ANCHOR BOLTS SHALL BE FULLY GALVANIZED PER ASTM A153.
- 3) ALL WELDING TO CONFORM TO: AWS D1.1 MOST RECENT EDITION.
- 4) FABRICATION MEETS AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) QUALITY CERTIFICATION.
- 5) PROVISIONS FOR GROUNDING LOCATED AT BASE HAND HOLE.
- 6) VIBRATION DISCLAIMER: ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE. ALL WARRANTY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE POLE.

LOADING DATA							
DESIGN CRITERIA:	COMMERCIAL STANDARD						
WIND SPEED(mph)	80	90	100	110	120	130	140
MAX EPA FT²	22.0	16.9	12.1	8.0	3.5	-	-
MAX WEIGHT (LBS)	155	155	155	155	155	-	-
FINISH							
TBD							

MATERIAL DATA	
COMPONENT	ASTM
POLE SHAFT	A595 GRADE 55
BASE PLATE	A36
ANCHOR BOLTS	F1554 GR.55
MISC. STEEL	A36

POLE DIMENSION DATA						
TYPE	DESIGN	POLE LENGTH (FT)	BASE DIA. (IN)	TOP DIA. (IN)	GAUGE OR THK (IN)	WEIGHT (LBS)
	STSHG-35-713-7-AB	35	7.13	3.28	7-GA (.1875")	700

DETAIL GENERAL NOTES



AMERICAN LITE POLE  
 2800 S. HULEN, SUITE 200  
 FORT WORTH, TX 76109  
 817-924-3682 PH.  
 817-924-7049 FAX

**\*\* CONFIDENTIAL \*\***

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REV. DATE BY REVISION DESCRIPTION  
 PROJECT NAME:  
 DESCRIPTION:  
**SQUARE TAPERED STEEL HINGED**  
**35' x 7.13" x 7 GA**

PO NUMBER: DATE: 061815 DWG BY: BM  
 QUOTE NUMBER: SCALE: NTS QTY: CHKD BY: CKR  
 DRAWING NUMBER: STSHG-35-713-7-AB REV: