



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

180°  
12.50" BOLT CIRCLE  
11.88" SQR  
90°  
270°  
0°  
1.25" Ø BOLT HOLE (X4)  
0.88"

DETAIL 1 BASE PLATE

1.00"  
36.00"  
4.00"  
HEX NUT & WASHER (X2)

ANCHOR BOLT TEMPLATE #  
**ABT-125-4**

A.B. PROJECTION 4.13"

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 USERS 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	18.0	13.0	9.3	4.5	1.0	-	-
MAX WEIGHT (LBS)	254	254	254	254	254	-	-
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-25-641-11-AB	25	6.41	3.66	11-GA (.1196")	355

DETAIL GENERAL NOTES



AMERICAN LITE POLE  
2800 S. HULEN, SUITE 200  
FORT WORTH, TX 76109  
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REV. DATE BY REVISION DESCRIPTION  
PROJECT NAME:

DESCRIPTION:  
**SQUARE TAPERED STEEL HINGED  
25' x 6.41" x 11 GA**

PO NUMBER:	DATE:	DWG BY:
QUOTE NUMBER:	SCALE:	CHKD BY:
	NTS	CKR
DRAWING NUMBER:	REV:	
STSHG-25-641-11-AB		