



- 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 FT ²	19.3	14.2	10.4	7.5	5.2	3.4	2.0
MAX WEIGHT (LBS)	483	355	260	188	130	85	50
FINISH							
TBD							

MATERIAL DATA	
COMPONENT	ASTM
POLE SHAFT	A595 GRADE A
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)
	STS-39-713-7-AB	39	7.13	2.87	7-GA (.1875")	500

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 ANCHOR BASE
39' x 7.13" x 7 GA

PO NUMBER:	DATE:	DWG BY:
QUOTE NUMBER:	SCALE:	CHKD BY:
DRAWING NUMBER:	QTY:	REV:
101112	NTS	BM
STS-39-713-7-AB		CKR