



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

DM19 270°
 DM28 90°-270°
 DM29 180°-270°
 DM39 90°-180°-270°
 DM49 90°-180°-270°-0°

180°
 90°-270°
 0° BASE HANDHOLE ON 0° ORIENTATION.

DETAIL 3 | POLE TOP

DETAIL | EMBED DETAIL

NOTES:
 * FOUNDATION SIZE (X") SHALL BE DETERMINED BY ENGINEER.

DETAIL | EMBED DETAIL

- 1) HARDWARE TO BE GALVANIZED TO: ASTM A153
- 2) OPTIONAL CORROCOTE MAY BE APPLIED (OUTSIDE OF SHAFT) AT GROUND LINE 1' (FT) +/- G.L..
- 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. ALP 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	150
EPA FT ²	11.0	8.0	5.0	3.0	2.0	1.0	-	-
WEIGHT (lbs)	275	200	125	75	50	25	-	-
FINISH								
TBD								

MATERIAL DATA	
COMPONENT	ASTM
POLE SHAFT	A500 GR. B
MISC. STEEL	A36

POLE DIMENSION DATA							
TYPE	DESIGN	POLE MH (FT)	O.A POLE LENGTH	BASE DIA. (IN)	TOP DIA. (IN)	GAUGE OR THK (IN)	WEIGHT (LBS)
	SNS-20-40-11-DE	20	25	4.00	4.00	11-GA (.1196")	170

DETAIL | GENERAL NOTES



AMERICAN LITE POLE
 2800 S. HULEN, SUITE 200
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 817-924-3682 PH.
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REV. DATE BY REVISION DESCRIPTION
 PROJECT NAME:
 DESCRIPTION:
SQUARE STRAIGHT STEEL DIRECT EMBED
20' MH x 4.0" x 11 GA

PO NUMBER:	DATE:	DWG BY:
	090815	BM
QUOTE NUMBER:	SCALE:	CHKD BY:
	NTS	CKR
DRAWING NUMBER:	REV:	
SNS-20-40-11-DE		