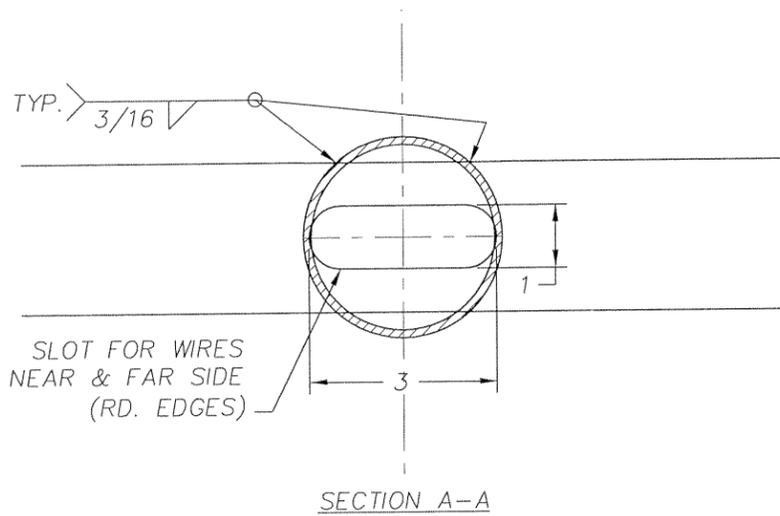
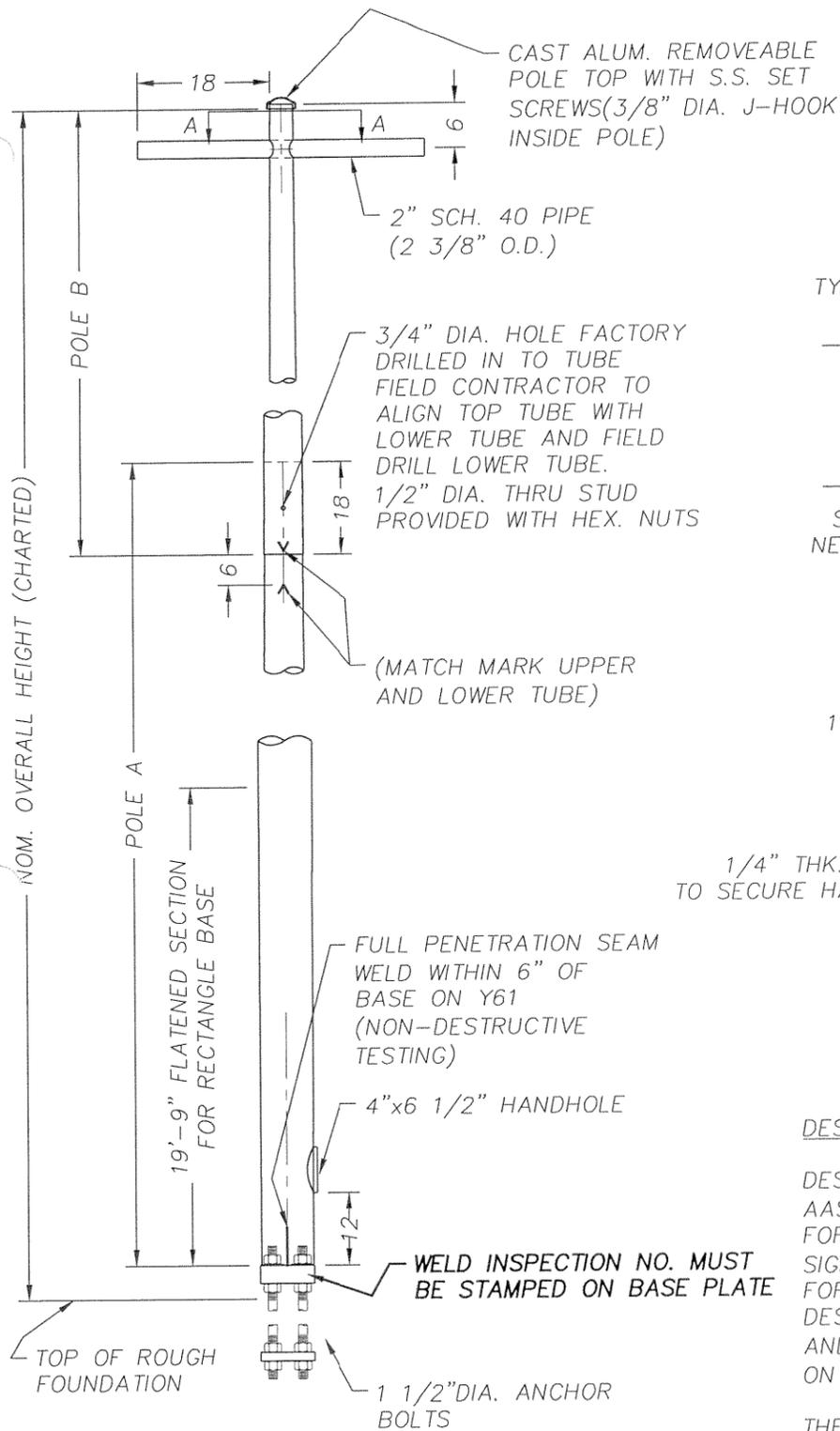
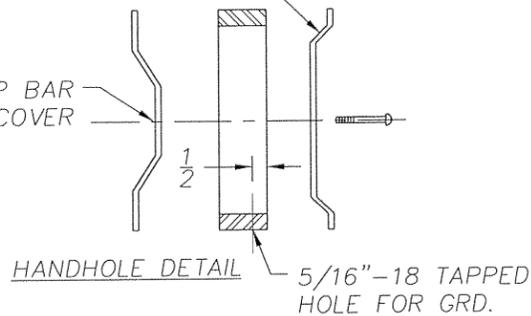


DESIGN NO.	CUSTOMER NO.	POLE A	POLE B	OVERALL	BASE TYPE	TOP LOAD	
				HEIGHT		WEIGHT	AREA
225-Y61	U65	7E-11.98x7.22x34'-0"	11E-7.67x3.12x32'-6"	65'-6"	RECTANGLE	140 LB	5.0 EPA
225-Y62	U65	7E-11.98x7.22x34'-0"	11E-7.67x3.12x32'-6"	65'-6"	SQUARE	140 LB	5.0 EPA
225-Y63	U69	7E-12.54x7.22x38'-0"	11E-7.67x3.12x32'-6"	69'-6"	SQUARE	201 LB	8.6 EPA



11GA. COVER WITH 1/4"-20 BRASS MACH. SCR.

1/4" THK. BACK-UP BAR TO SECURE HANDHOLE COVER



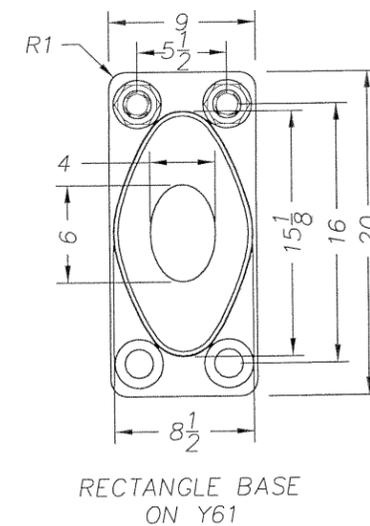
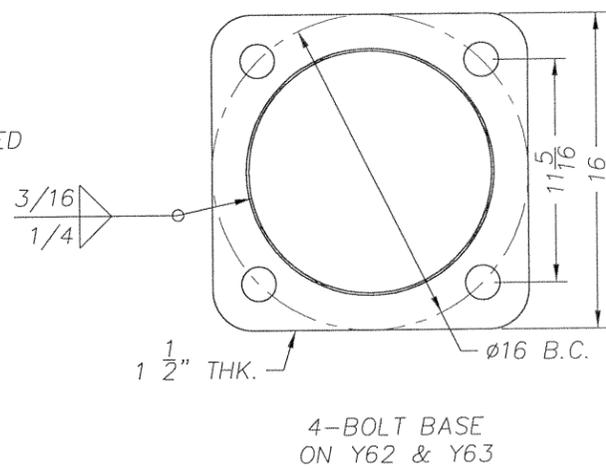
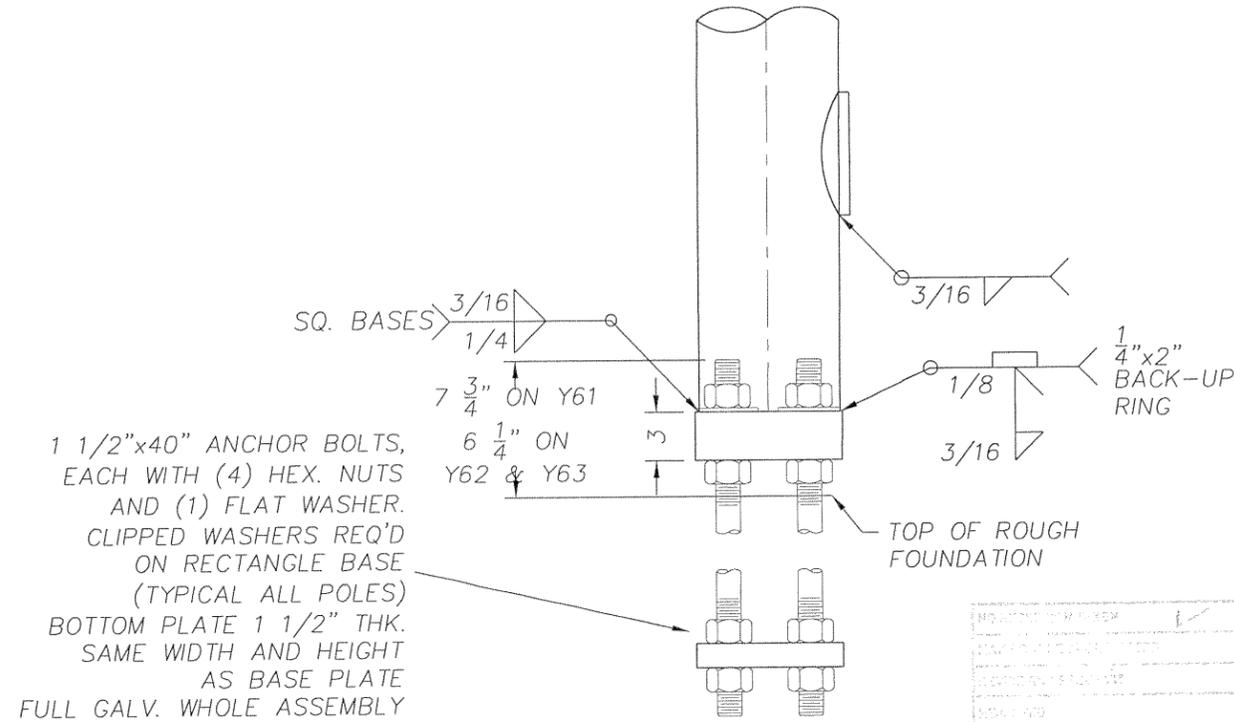
DESIGN CRITERIA

DESIGNED IN ACCORDANCE WITH 1994 AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" FOR 80 MPH WIND ZONE. STRUCTURES ARE DESIGNED FOR LOADS SPECIFIED BY CUSTOMER AND GENERAL REQUIREMENTS. (CALCULATIONS ON FILE).

THE EXPOSED LENGTH OF THE ANCHOR BOLT BETWEEN THE TOP OF THE FOUNDATION AND THE BOTTOM OF THE LEVELING NUT SHOULD NOT EXCEED ONE BOLT DIAMETER.

UNDER DESIGN LOADS THE POLE DEFLECTION IS LIMITED TO 15% OF ITS LENGTH.

CONFORMS TO A.D.O.T. SPECIFICATION FOR ROAD & BRIDGE CONSTRUCTION.



MATERIAL SPECIFICATIONS	
MONTUBES	ASTM-A595 GR. A 55KSI
TE	ASTM-A36 36 KSI
	ASTM-A53 GR. B (35KSI)
MISC. HARDWARE	S.S. AISI-300 SERIES
ANCHOR BOLTS	ASTM-F1554 GR.55
HARDWARE FINISH	GALV. TO ASTM-A153
STRUCTURE FINISH	GALV. TO ASTM-A123

NO.	DESCRIPTION	DATE	BY
R2	0108 WEIGHT OF 201 WAS 210, AND PIPE SPEC WAS 0799 ASTM-A501 35KSI	6/28/99	JDJ
R1	0974 ADDED TOP LOAD/WEIGHT & AREA ADDED NOTES RE: DESIGN LOAD DEFLECTION LIMITS & ARIZONA D.O.T.	1/22/99	RLW/gmp

REVISIONS

STEEL AREA LIGHTING FOR THE STATE OF ARIZONA

LOF YES(PS) REQ.# 0588-07-98 S.O.# CAD# 0588A98

Union Metal CORPORATION

DRAWN JDJ
DATE 8/31/98
CHECKED gmp

DRAWING NO.
225-B38

11/1/98

1501 W. FORT WASHINGTON PKWY
LURE 403
TEMPE, ARIZONA
85282