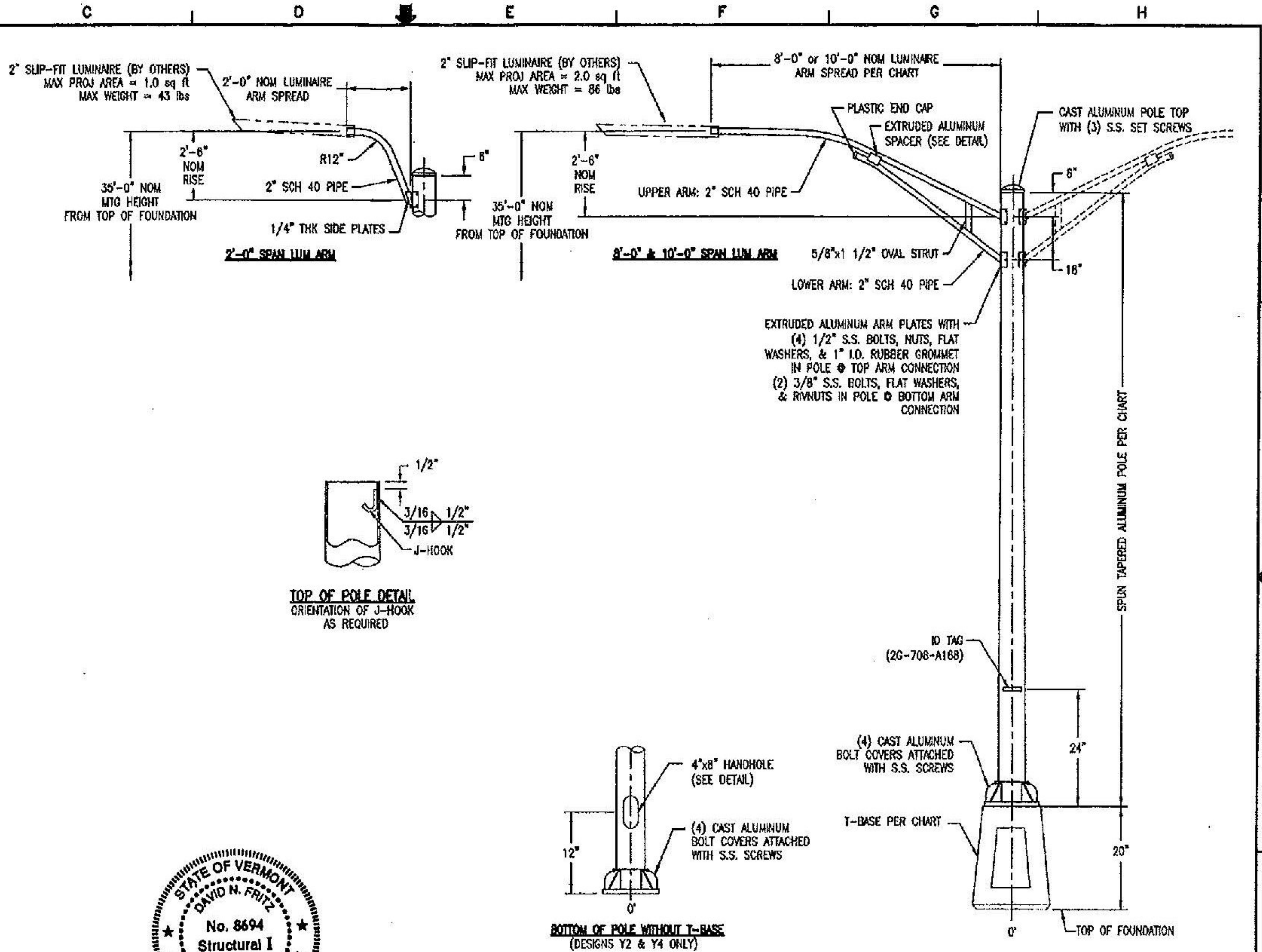


QTY	UMC DESIGN NUMBER	POLE TUBE SIZE	ARM SPAN	ARM ORIENT	T-BASE
	156-B42-Y1	0.156-8.00x4.50x31'-3"	2'-0"	180°	YES
	156-B42-Y2	0.156-8.00x4.50x33'-0"	2'-0"	180°	NO
	156-B42-Y3	0.219-8.00x4.50x31'-3"	8'-0"	90° & 270°	YES
	156-B42-Y4	0.219-8.00x4.50x33'-0"	8'-0"	90° & 270°	NO
	156-B42-Y5	0.219-8.00x4.50x31'-3"	10'-0"	180°	YES
	156-B42-Y6	0.219-8.00x4.50x31'-3"	10'-0"	90° & 270°	YES

0.156 = 0.156" WALL THICKNESS
0.219 = 0.219" WALL THICKNESS



DESIGN CRITERIA:

- DESIGNED IN ACCORDANCE WITH 2001 AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" FOR 90 M.P.H. WIND ZONE.
- ANCHOR BOLTS ANALYZED FOR STEEL STRENGTH ONLY. THE ANCHOR BOLT EMBEDMENT LENGTH SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE FOUNDATION ENGINEER.
- 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.
- CUSTOMER TO CONFIRM ALL DIMENSIONS & ORIENTATIONS BEFORE RELEASING ORDER FOR MANUFACTURING.

WELDED ASSEMBLIES HEAT TREATED TO T6 TEMPER

MATERIAL SPECIFICATIONS	
ALUM. TUBE	ASTM B210, B221, B241 or B429 (6063-T6)
CAST BASE	ASTM B108 (356-T6)
ALUM. PLATE	ASTM B209 (6061-T6)
ALUM. PIPE	ASTM B241 or B429 (6061-T6)
CAST HANDHOLE FRAME	ASTM B108 (356-T6)
EXTRUSIONS	ASTM B308 (6061 or 6063-T6)
ANCHOR BOLTS	ASTM F1554 GR 55
ANCHOR BOLT NUTS	ASTM A563 GR A
FLAT WASHERS	ASTM F436
TBASE/POLE CONN. BOLTS	ASTM A325
TBASE/POLE CONN. NUTS	ASTM A583 GR DH
POLE TOP	ASTM B26 (319F) or A1011
S.S. HARDWARE	AISI-300 SERIES (18-8)
STRUCTURE FINISH	SATIN SANDED FINISH
HARDWARE FINISH	HD GALV TO ASTM A153



STATE: VERMONT	REQ / SUP : 33447-1	REV	DESCRIPTION	DATE	REV BY
PROJECT NAME: US ROUTE 7		REVISIONS			
ALUMINUM ROADWAY LIGHTING POLES FOR BENNINGTON, VERMONT					
	DESIGNED BY	CHECKED BY	DATE	SCALE	ENG REF
	GCH	KAD/MSR	6/22/10	NTS	156-B30
156-B42			REVISION	RO	SHEET 1 of 2