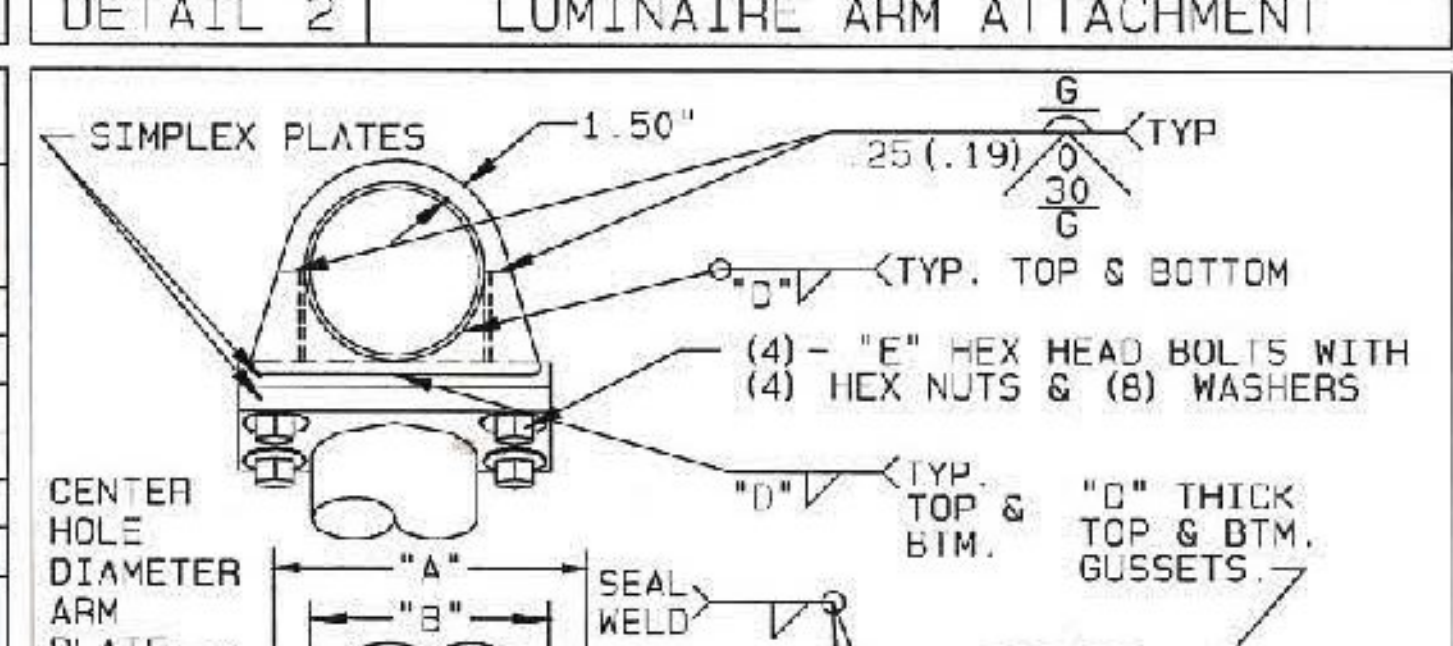
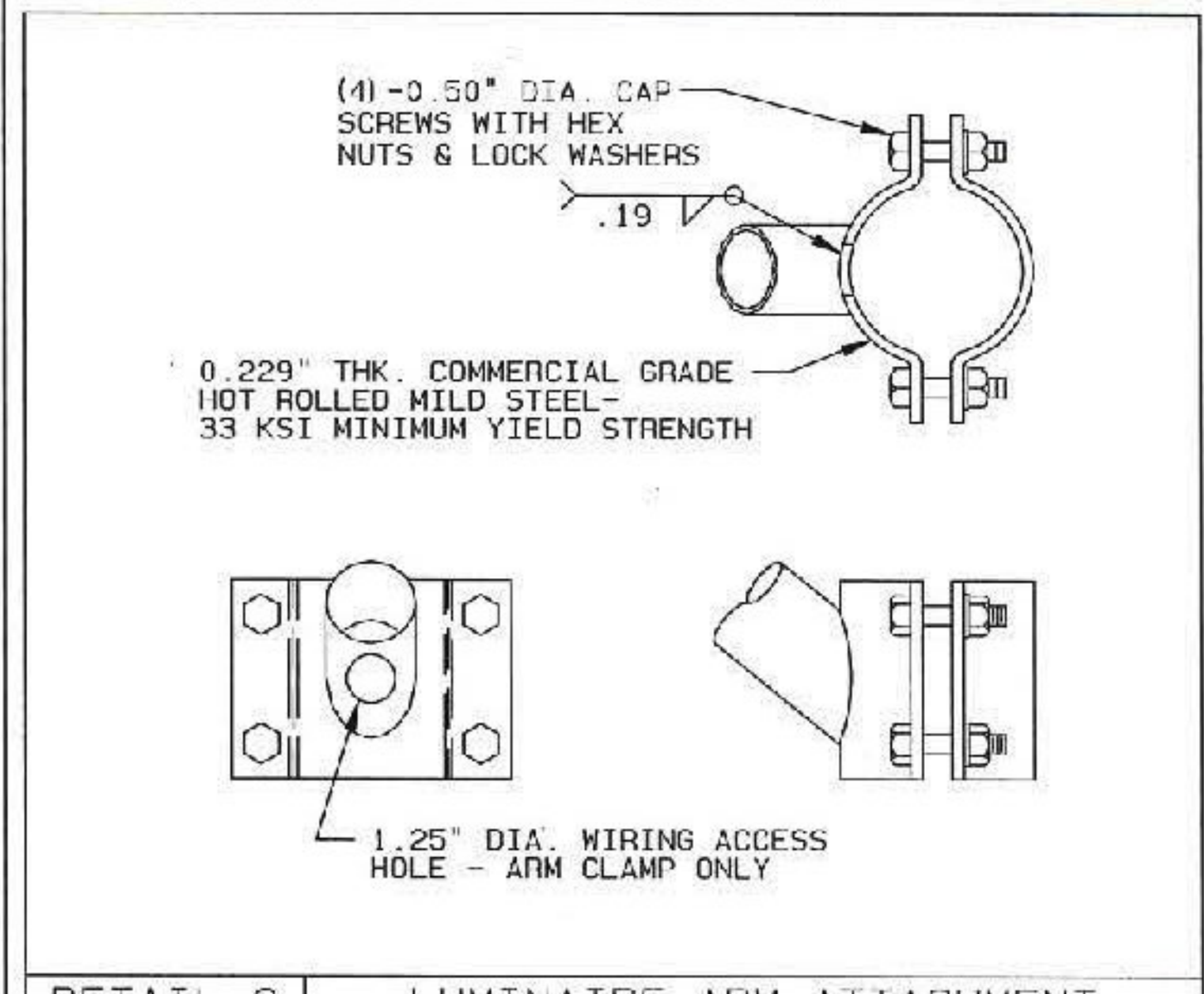
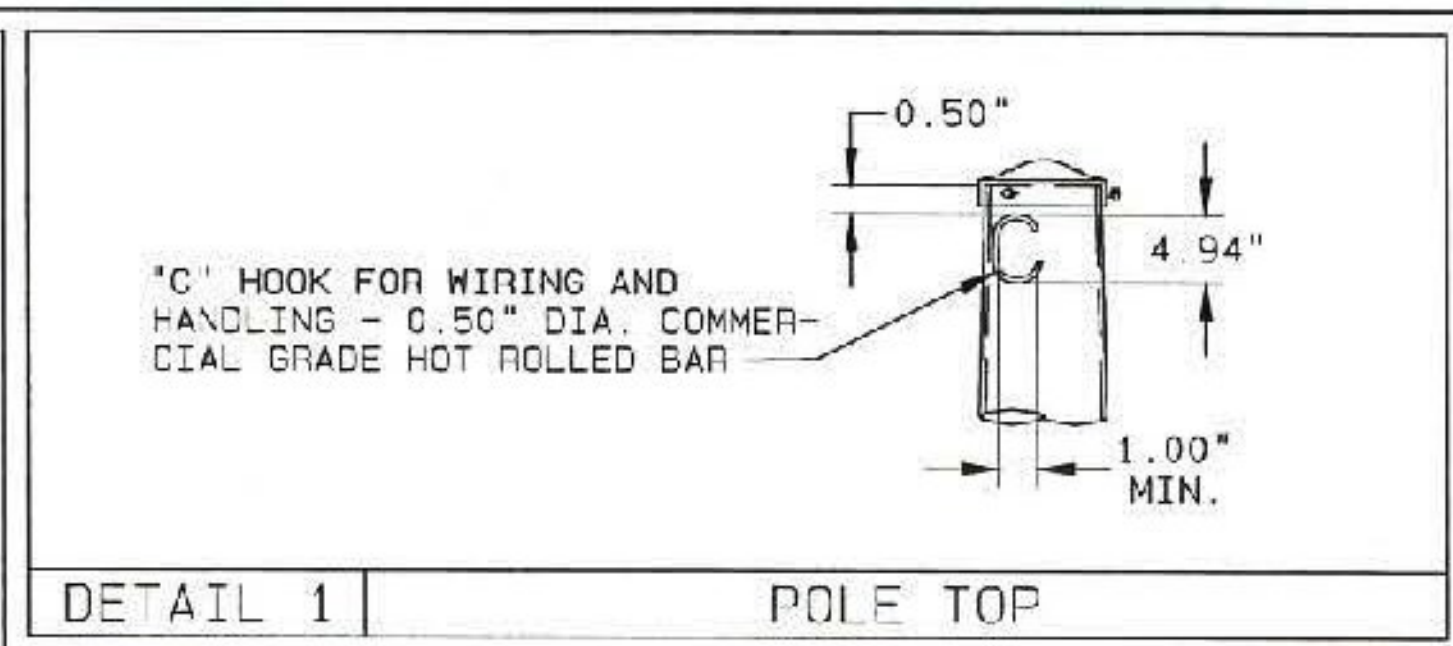


NOTE:  
 1" I.D. GROMMETS WILL BE SUPPLIED FOR 1.38" DIAMETER HOLES AT EACH SIGNAL LOCATION. HOLES IN ARMS TO BE FIELD DRILLED.

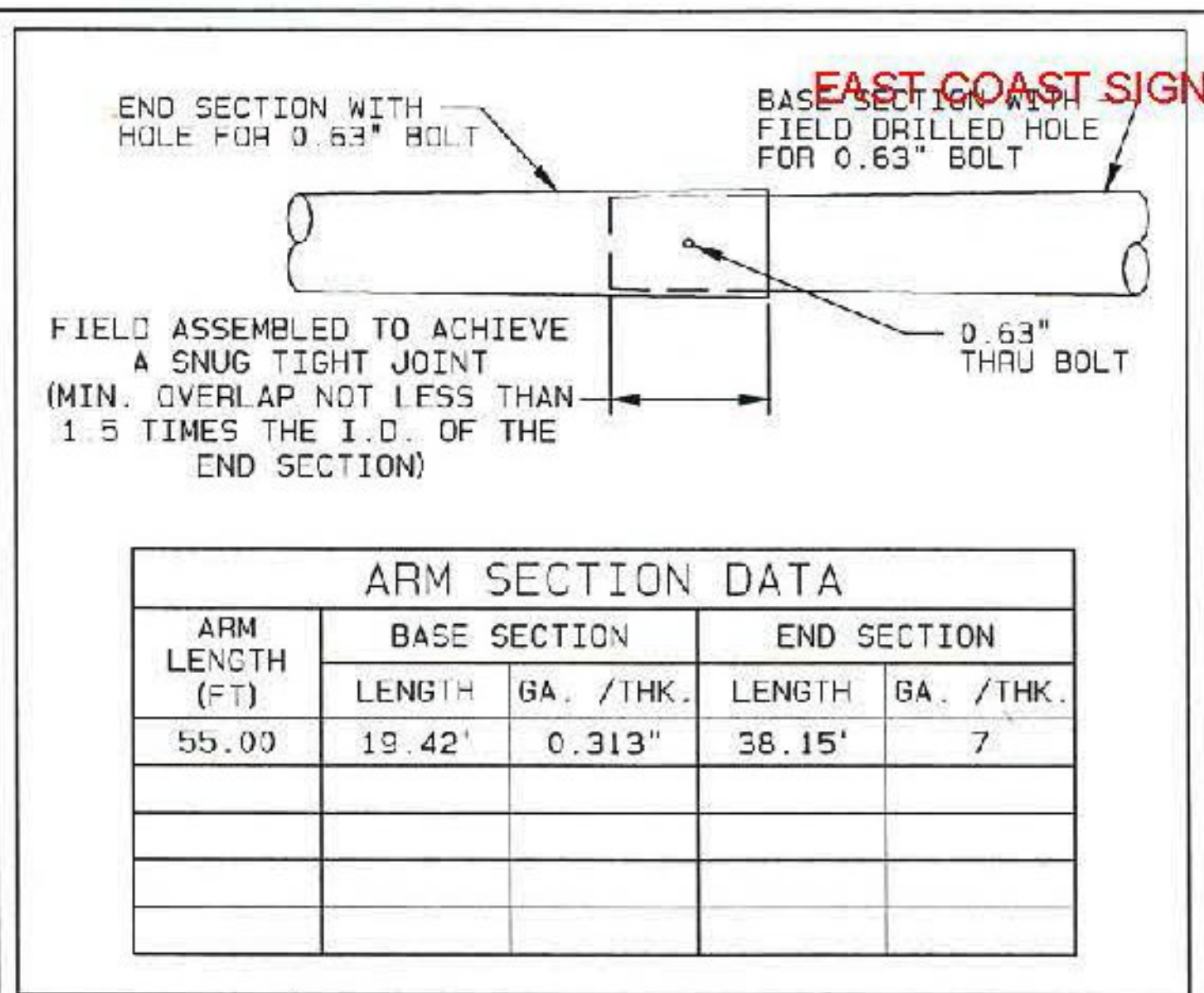
MATERIAL DATA					
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)	COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
TAPERED TUBES	A595 GR. A OR A572	55	GALVANIZING- STRUCTURE	A123	
POLE BASE	A36	36	GALVANIZING- HARDWARE	A153	
LUMINAIRE ARM PIPE	A36	36			
SIGNAL ARM CONNECTION	A36	36			
SIGNAL ARM CONN. BOLTS	A325				

**FINISH NOTE:**  
 BASE COAT: HOT DIP GALVANIZE TO ASTM: A123.  
 FINISH COAT: TGIC OR URETHANE POLYESTER POWDER. BLACK IN COLOR. VALMONT SPEC. F283A.

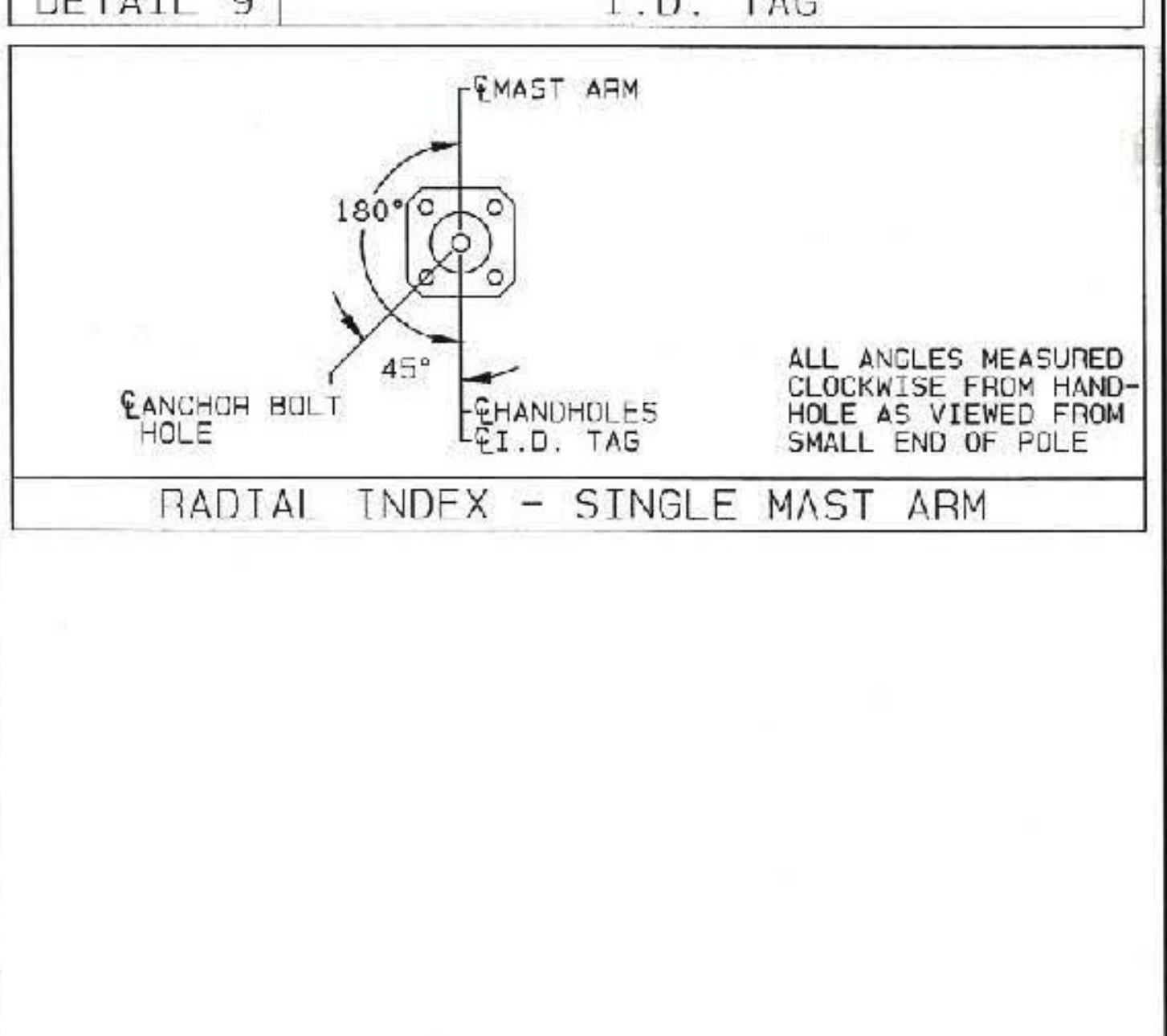
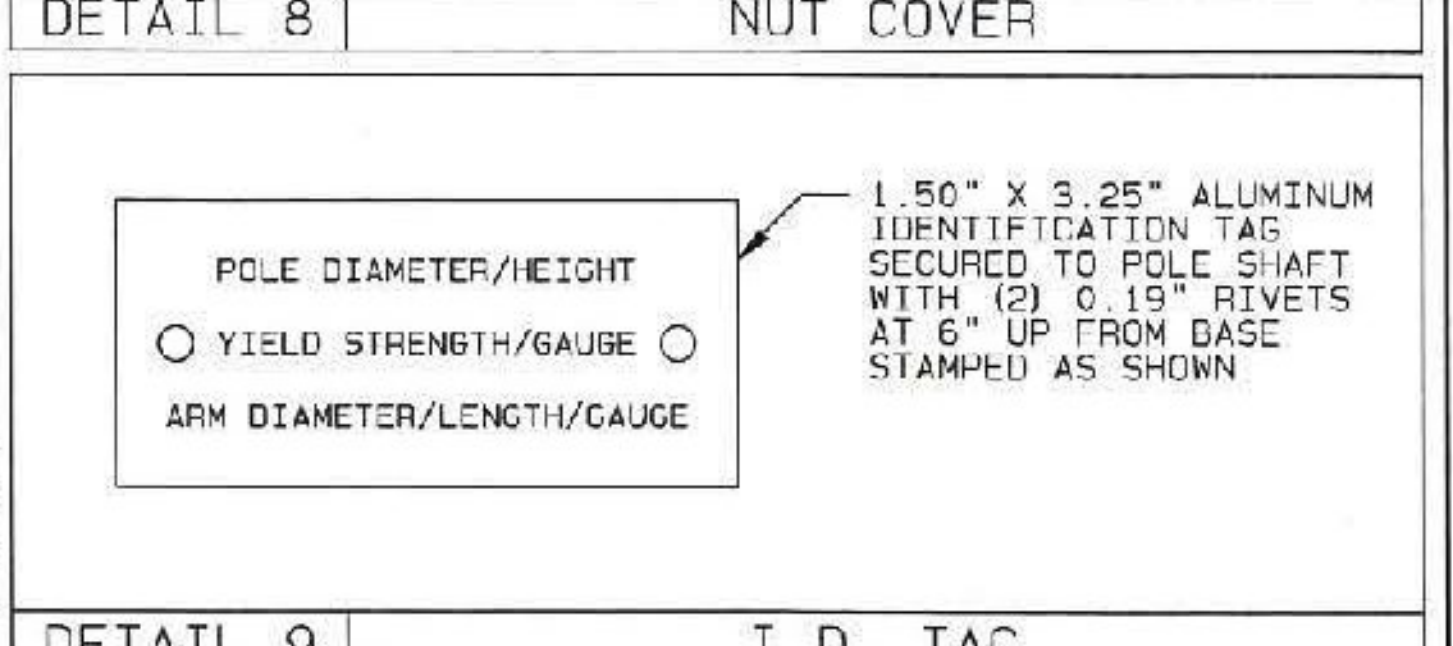
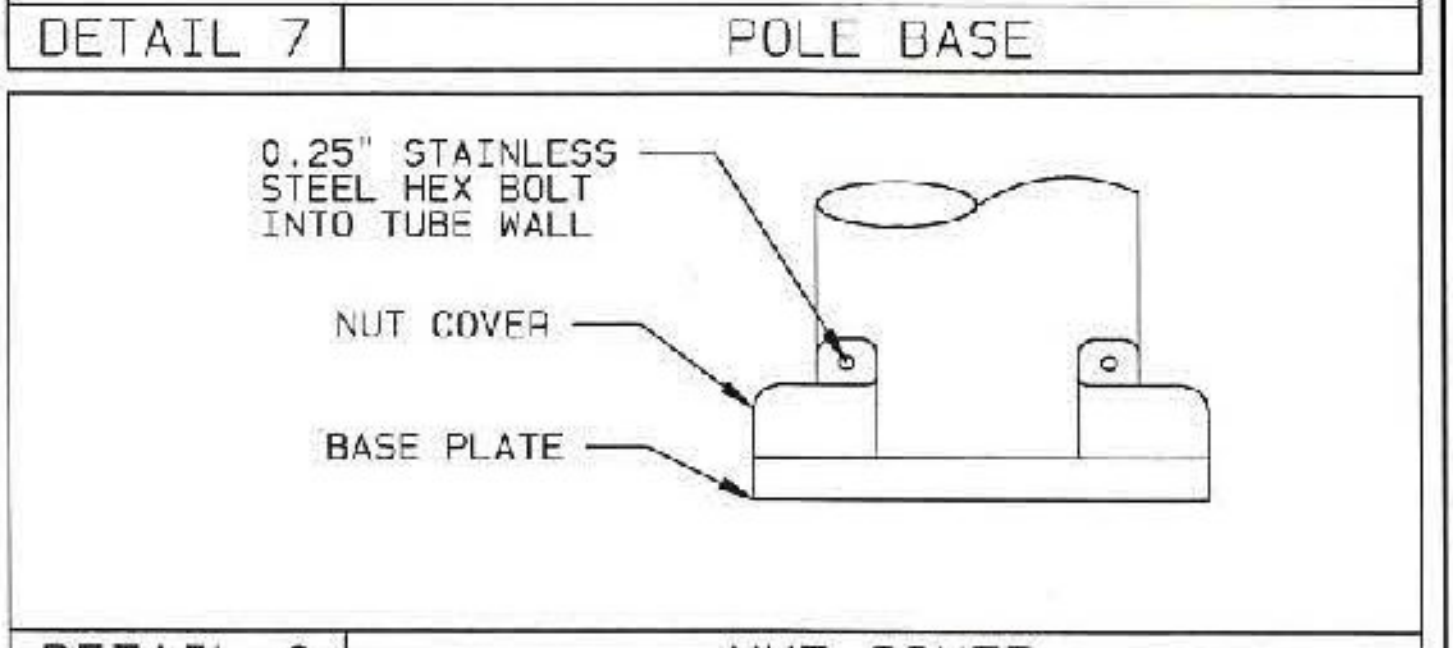
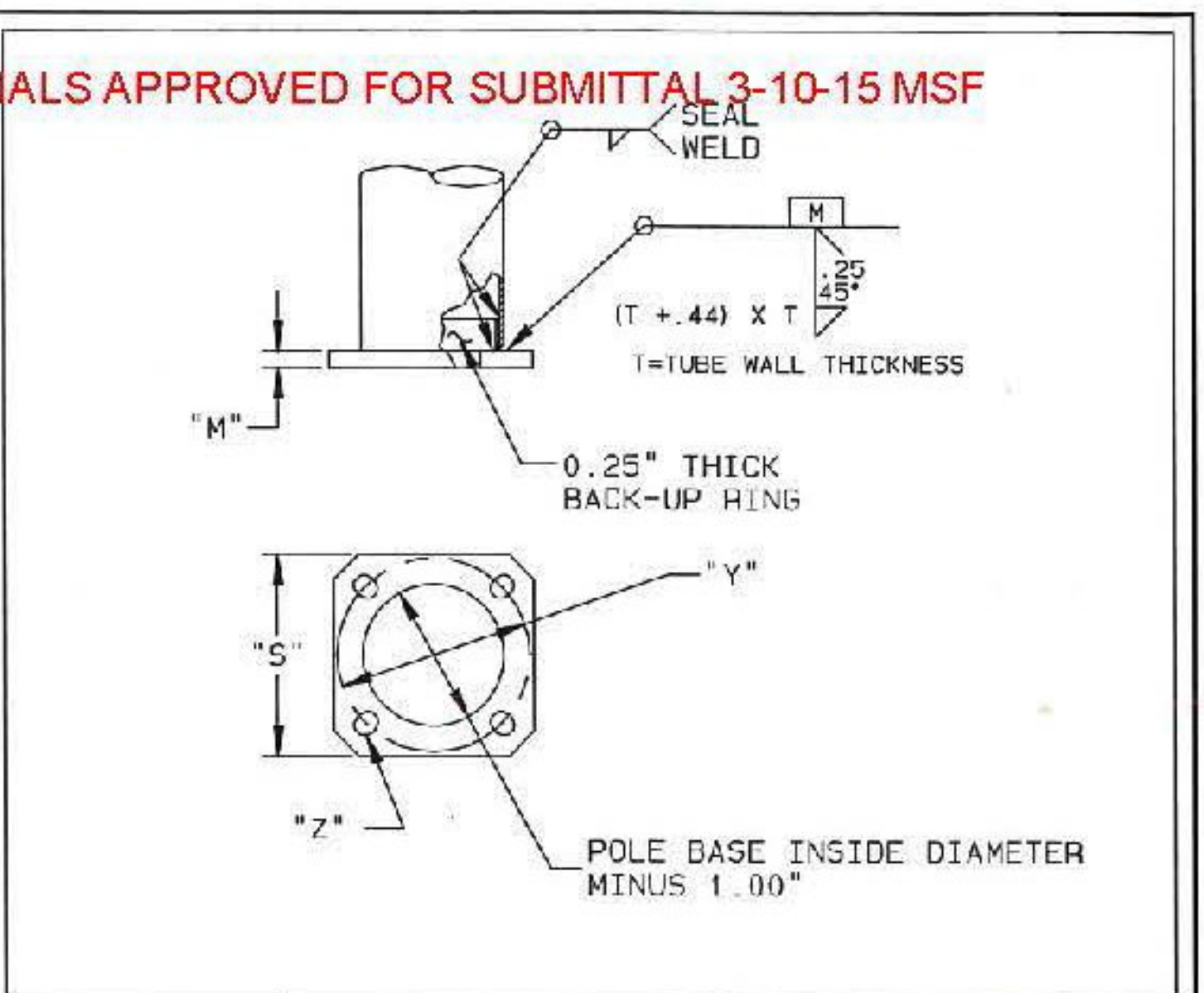
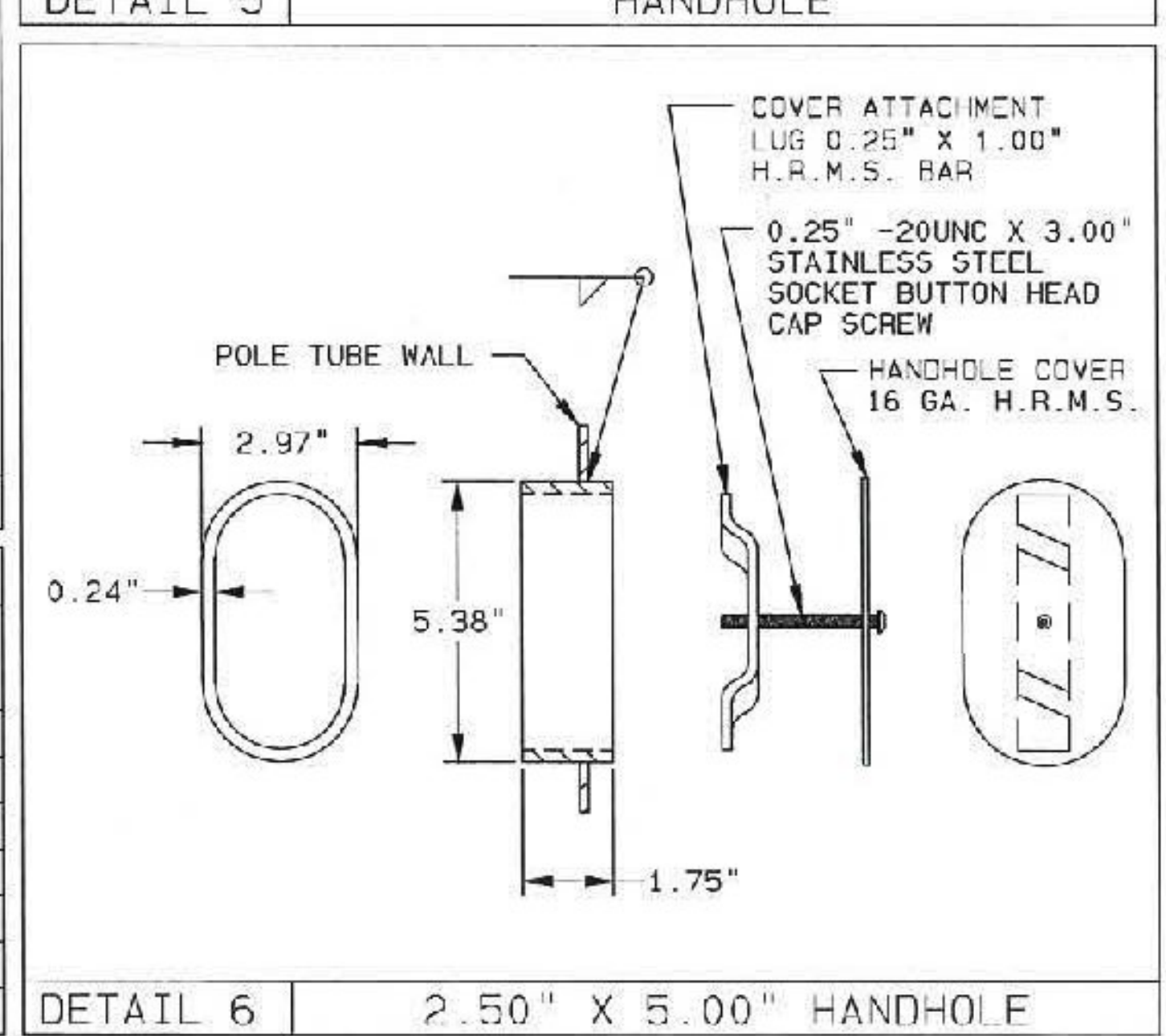
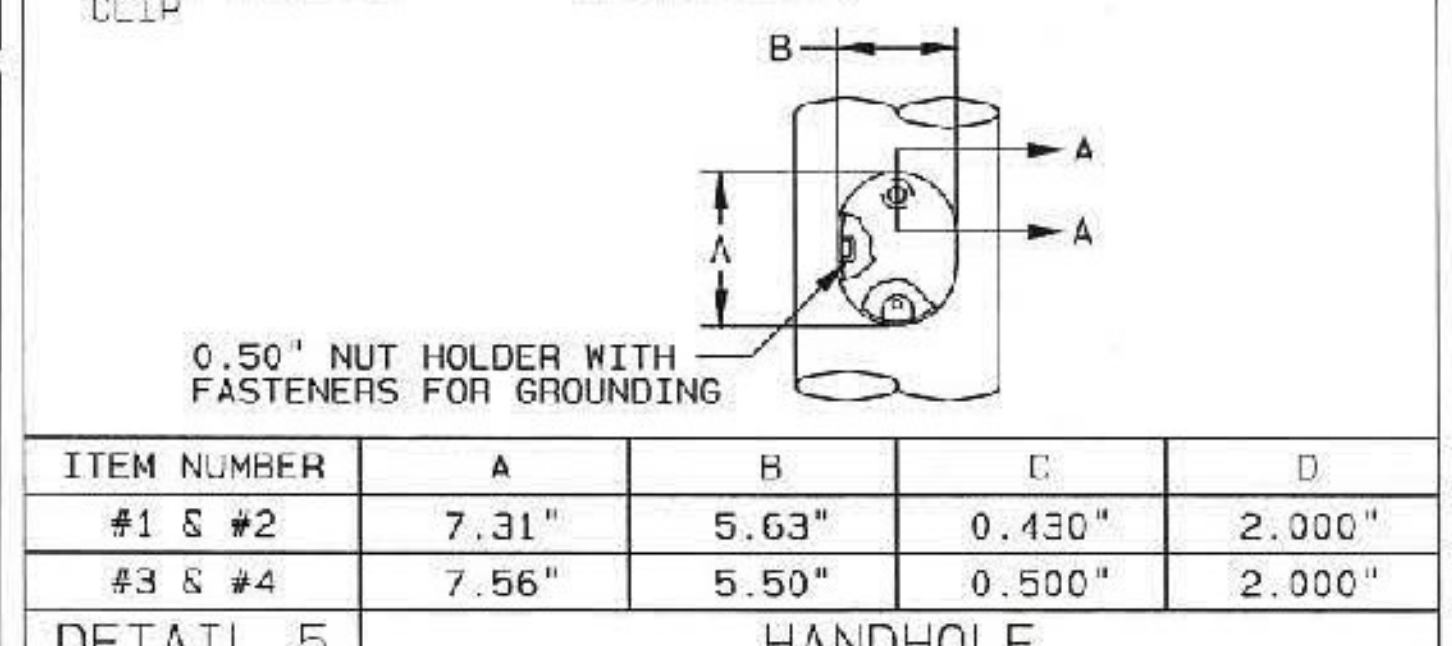
STATE OF VERMONT  
 BARRY N. SLADEK  
 No. 99190  
 Structural 1  
 LICENSED PROFESSIONAL ENGINEER  
*Barry N. Sladek*  
 3/4/15



SIGNAL ARM ATTACHMENT DATA						
MAST ARM LENGTH	"A"	"B"	"C"	CENTER HOLE DIA.	"D"	"E"
40.00'	17.75"	14.50"	2.000"	9.75"	0.375"	1.25" X 6.00"
55.00'	21.25"	18.00"	2.000"	11.25"	0.500"	1.25" X 6.00"



ARM LENGTH (FT)	BASE SECTION		END SECTION	
	LENGTH	GA. /THK.	LENGTH	GA. /THK.
55.00	19.42'	0.313"	38.15'	7



REV	JTF 03/03/15	JTF 03/03/15	DRANN BY-DATE	CHECK BY-DATE	DESCRIPTION	SOLD TO: HIGHWAY TECH SHIP TO: EAST COAST SIGNALS P.O. #: 9547 AGENT: HIGHWAY TECH	JOB VT D.O.T. BERLIN, VT SIGP SGNL (40) TITLE TRAFFIC SIGNAL STRUCTURES	VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.	valmont Valley, NC 68064 (402) 359-2201	ORDER NUMBER: 275846-P1 PAGE NUMBER: 1 OF 2 DRAWING NUMBER REV VT275846P1
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