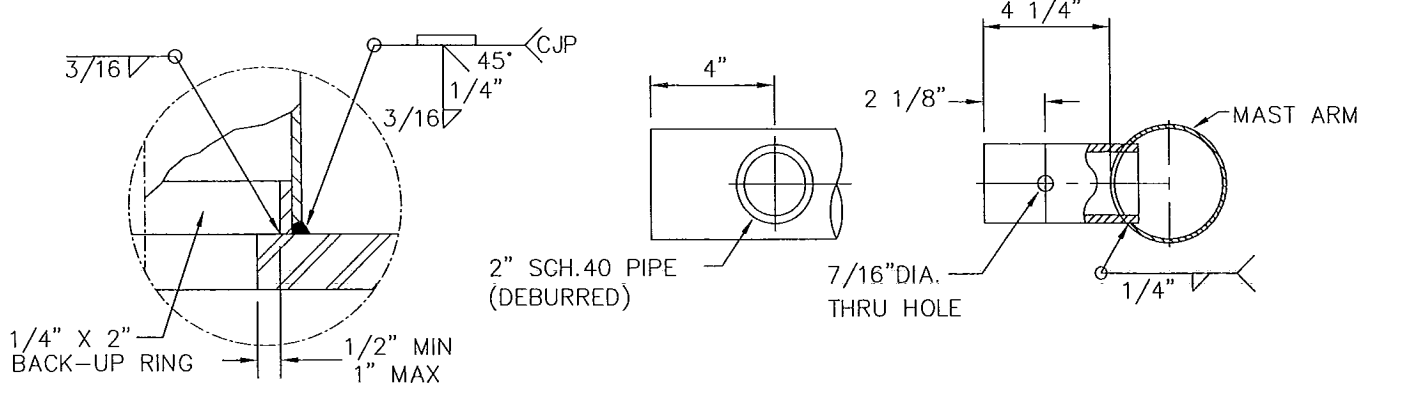
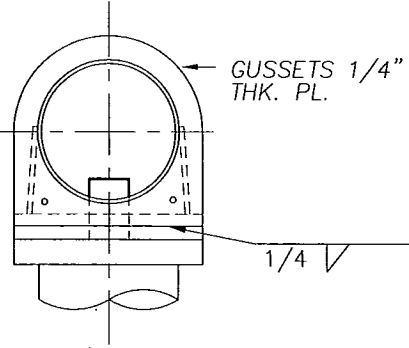


UMC DESIGN NUMBER	ARM CONNECTION							
	X	Y	H	W	PPT	APT	GUSSET	CONN. BOLTS
71026-B87-Y1	6 1/2"	14"	18"	13"	1 1/4"	1 1/4"	1/4"	1 1/4"
71026-B87-Y2								
71026-B87-Y3								
71026-B87-Y4								
71026-B87-Y5								
71026-B87-Y6								
71026-B87-Y7	9"	15"	20"	16"	1 1/2"	1 1/2"	1/4"	1 1/2"
71026-B87-Y8								
71026-B87-Y9								
71026-B87-Y10								
71026-B87-Y11	10"	15"	20"	16"	1 1/2"	1 3/4"	1/4"	1 1/2"



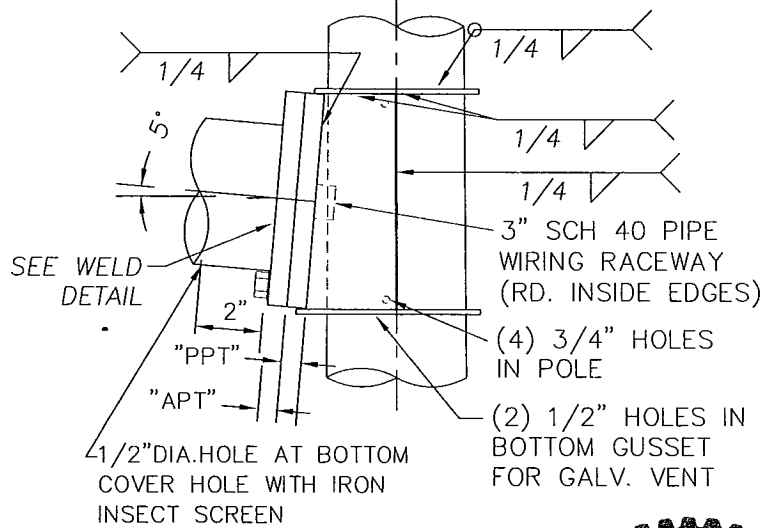
APPROVED
 (SEE NOTE)
 Manufacturer's Pole Plan
 Approved For Listing As A
 Pre-Approved Drawing
 WSDOT Bridge & Structures Office
 By GB Date 8/20/08



TIGHTENING USING TURN OF NUT METHOD BY:
 SPECIFICATION FOR STRUCTURAL JOINTS USING
 A325 OR A490 BOLTS, RESEARCH COUNCIL ON
 STRUCTURAL CONNECTIONS 6/00

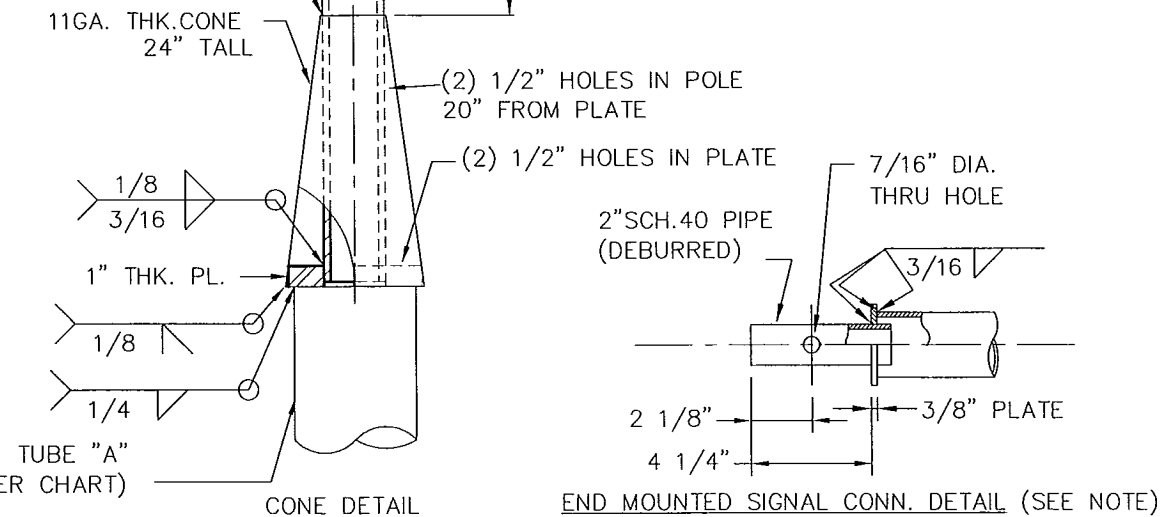
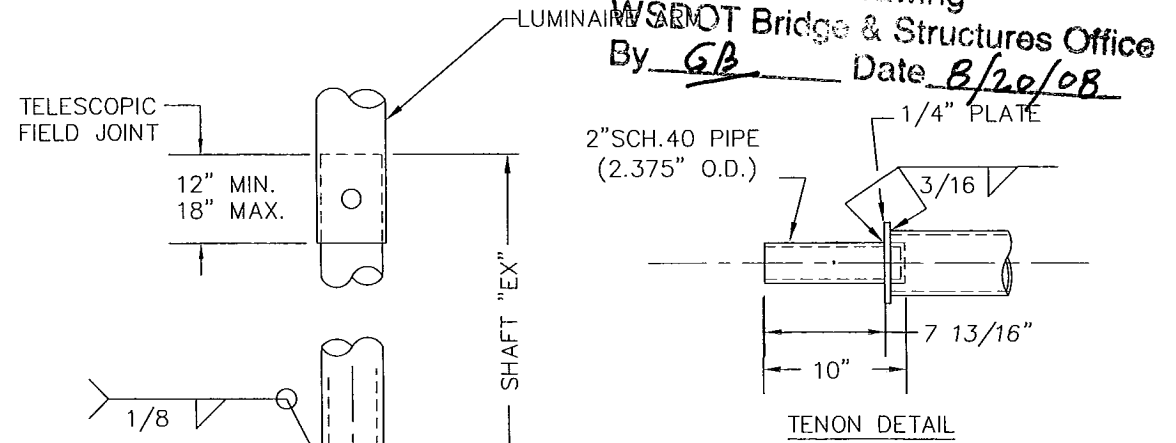
1) BOLTS SHALL BE PLACED IN ALL HOLES WITH WASHERS. COMPACTING THE JOINT TO THE SNUG TIGHT CONDITION SHALL PROGRESS SYSTEMATICALLY. THE SNUG-TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED PLIES INTO FIRM CONTACT.

2) FOR BOLT LENGTHS NOT MORE THAN 4 BOLT DIAMETERS, WITH BOTH FACES NORMAL TO BOLT, 1/3 TURN PAST SNUG POINT. FOR ONE FACE SLOPED NO MORE THAN 1:20, 1/2 TURN PAST SNUG. FOR BOTH FACES SLOPED NO MORE THAN 1:20 FROM BOLT, 2/3 TURN PAST SNUG.

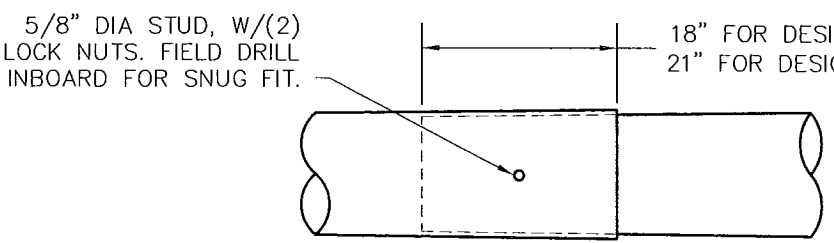


ARM CONN. DETAIL

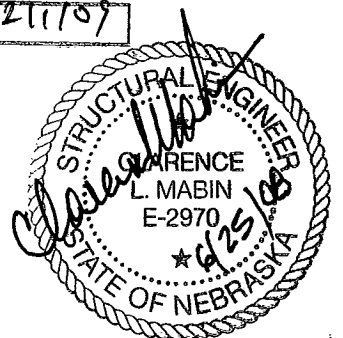
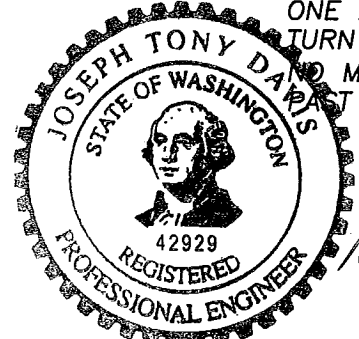
(4) (CHARTED) HEX HEAD BOLT
 W/ (1) HARDENED FLAT WASHER
 PER BOLT, DRILL AND TAP POLE PL.



END MOUNTED SIGNAL CONN. DETAIL (SEE NOTE)



TELESCOPIC JOINT



NO.	DESCRIPTION	DATE

REVISIONS

TYPE III STEEL COMBINATION TRAFFIC & STREET LIGHTING POLES, TYPE 1 LUM. ARM
 STATE OF WASHINGTON DOT

LOF _____ ENG. REF.# 71026-B35
 REQ.# 0873-07-1 S.O.# _____ CAD# _____

Union Metal CORPORATION R8

DRAWN LCV DATE 3/4/03 CHECKED EBL
 DRAWING NO. 71026-B87 SHT. 2 OF 3