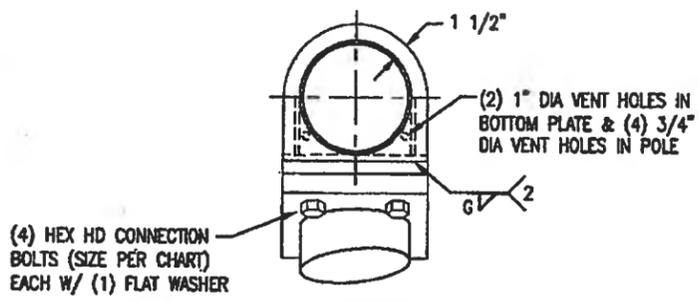


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APPROVED  
 Manufacturer's Pole Plan  
 Approved For Listing As A  
 Pre-Approved Drawing  
 WSDOT Bridge & Structures Office  
 By GB Date 5-30-2012

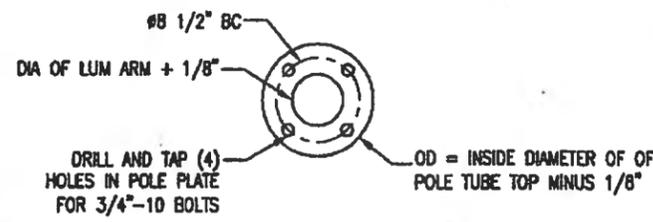
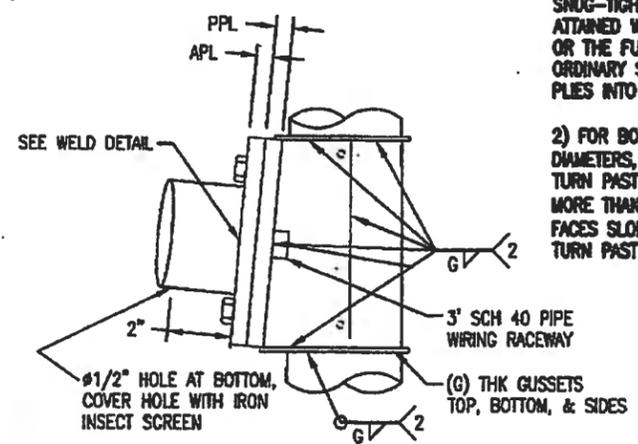


**MAST ARM CONNECTION DETAIL**

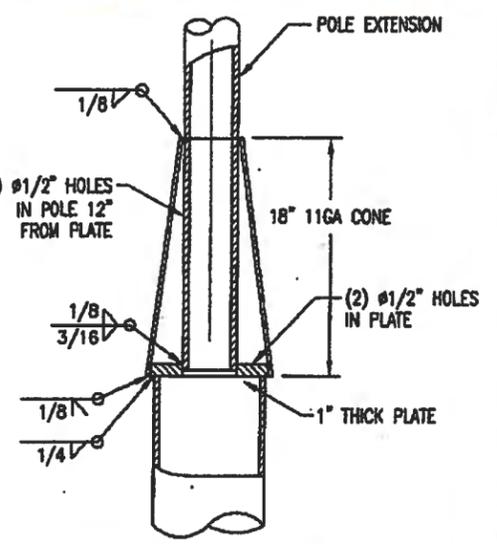
**TIGHTENING USING TURN OF NUT METHOD BY:**  
 SPECIFICATION FOR STRUCTURAL JOINTS USING A325  
 OR A490 BOLTS, RESEARCH COUNCIL ON STRUCTURAL  
 CONNECTIONS 8/00

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.

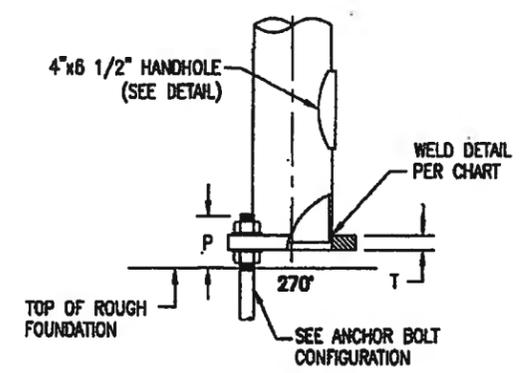
2) FOR BOLT LENGTHS NOT MORE THAN 4 BOLT  
 DIAMETERS, WITH BOTH FACES NORMAL TO BOLT, 1/3  
 TURN PAST SNUG POINT. FOR ONE FACE SLOPED NO  
 MORE THAN 1:20, 1/2 TURN PAST SNUG. FOR BOTH  
 FACES SLOPED NO MORE THAN 1:20 FROM BOLT, 2/3  
 TURN PAST SNUG.



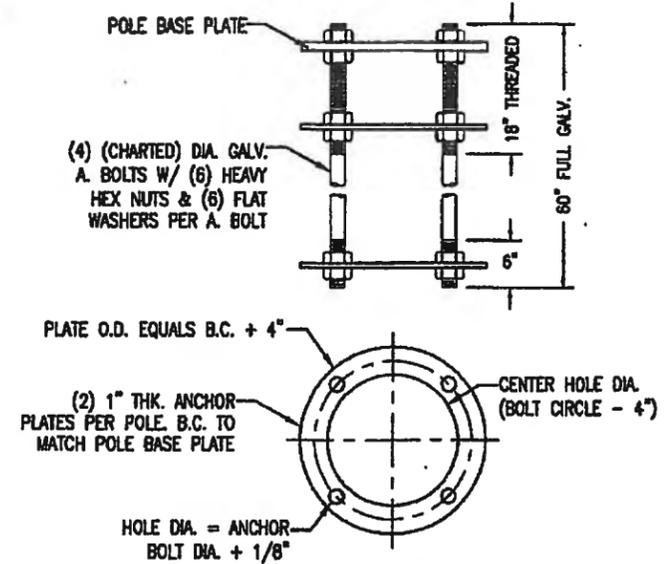
**BOLTED CONNECTION CONE DETAIL**  
(FOR 30' LUM MTG HGT)



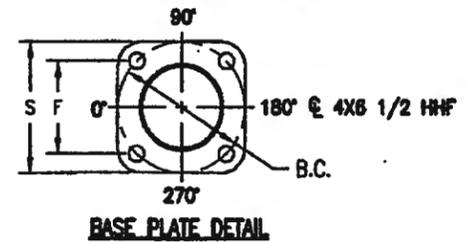
**WELDED CONNECTION CONE DETAIL**  
(FOR 35', 40' & 50' LUM MTG HGT)



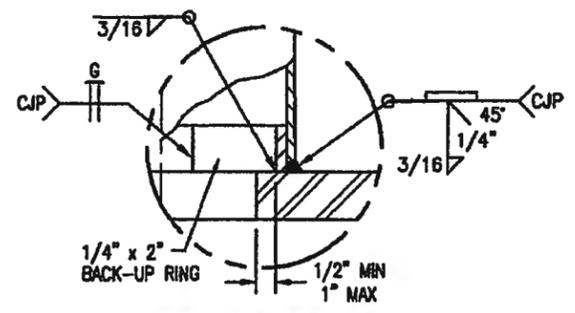
**BASE CONNECTION DETAIL**



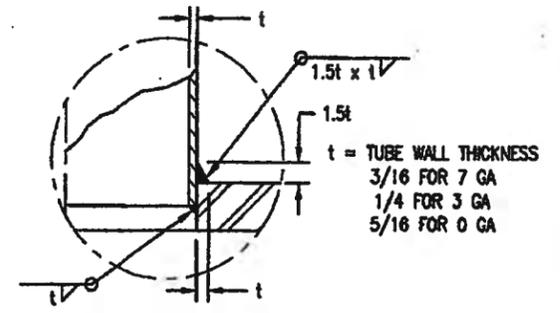
**ANCHOR BOLT CONFIGURATION**  
(SHIPPED UNASSEMBLED)  
(REF. B100-A354)



**BASE PLATE DETAIL**



**POLE BASE (PER CHART)  
& ARM FLANGE FULL  
PEN WELD DETAIL**



**POLE BASE SOCKET WELD  
DETAIL (PER CHART)**



STATE: WASHINGTON	REQ / SO# : 0873-07-1	REV	DESCRIPTION	DATE	REV BY/CR BY
PROJECT NAME: WASHINGTON DOT STANDARDS			REVISIONS		
TYPE III STEEL COMBINATION TRAFFIC & STREET LIGHTING POLES, TYPE 1 LUM. ARM STATE OF WASHINGTON DOT					
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	LCV	GBZ	3/4/03	SCALE	ENG REF
71026-B87			REVISION	SHEET	
			R12	71026-B35	3 of 3