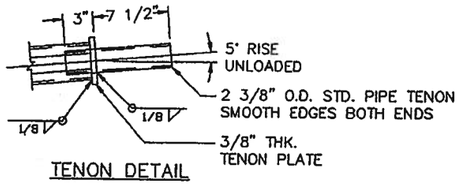
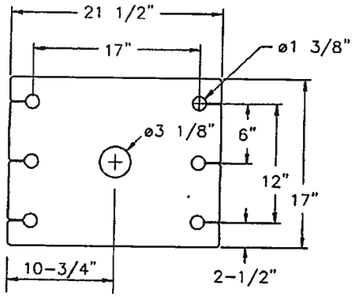
THOMAS S. LASH
STATE OF WASHINGTON
42082
REGISTERED
PROFESSIONAL ENGINEER
Expires 11-17-12

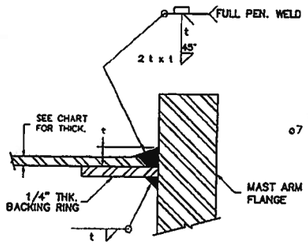
APPROVED
Manufacturer's Pole Plan
Approved For Listing As A
Pre-Approved Drawing
WSDOT Bridge & Structures Office
By GB Date 6-20-2011



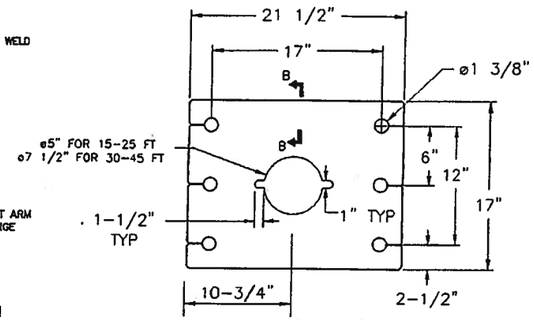
TENON DETAIL



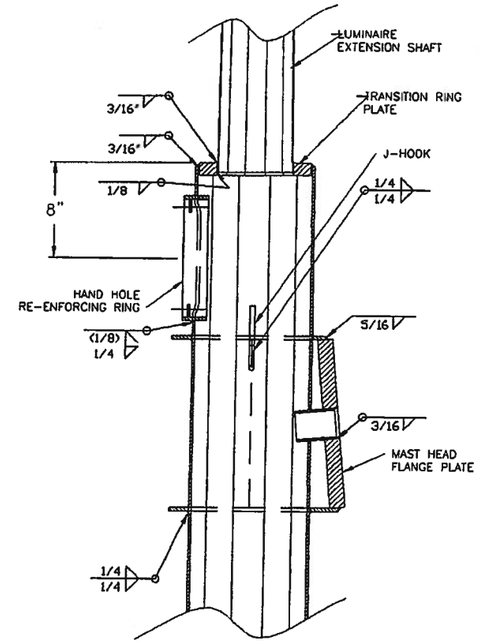
APS-L-01
MAST HEAD FLANGE PLATE
(1 1/2" PLT)

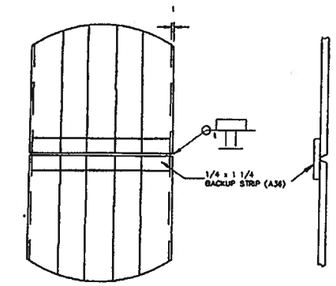


SECTION B-B FULL-PENETRATION
GROOVE WELD DETAIL
(SIGNAL ARM)
WSDOT FATIGUE CATEGORY D

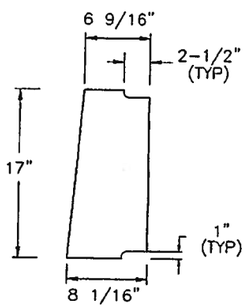


APS-L-02
MAST ARM FLANGE PLATE
(1 1/2" PLT)

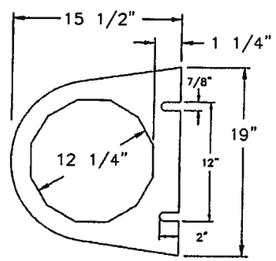




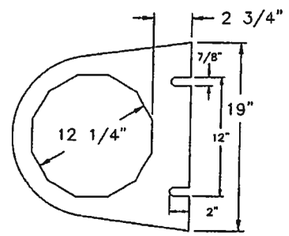
BUTT WELD DETAIL
NO SPLICE IN BOTTOM THIRD
OF POLE HEIGHT
100% PEN-WELDED &
100 PERCENT MAG.
PARTICAL TESTED



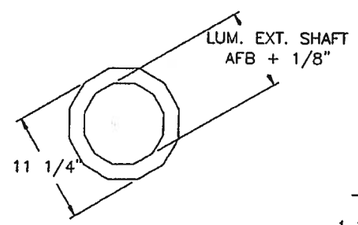
APS-L-08
MAST HEAD SIDE PLATE
(3/8" PLT)



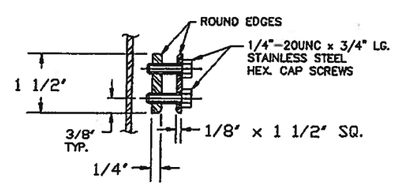
APS-L-09
TOP MAST HEAD PLATE
(3/8" PLT)



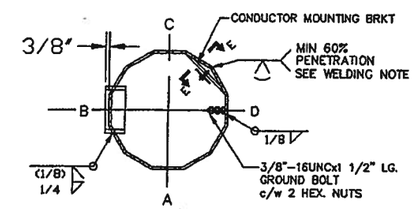
APS-L-10
BOTTOM MAST HEAD PLATE
(3/8" PLT)



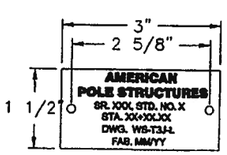
APS-L-04
TRANSITION RING PLATE
(1" PLT)



SECTION E-E
CONDUCTOR MOUNTING BRKT

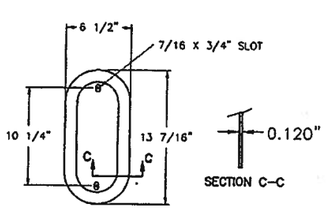


SEC A-A - HAND HOLE DETAIL
(SEE SHT 1)
AASHTO FATIGUE CATEGORY E

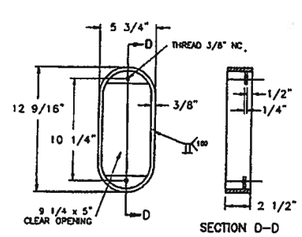


IDENTIFICATION TAG

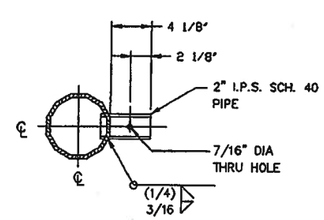
MAT'L - 14 GAUGE ALUMINUM
SECURE TO POLE WITH TWO (2)
0.125" SS OR ALUMINUM RIVETS
LETTERS TO BE STAMPED OR ENGRAVED
MINIMUM LETTER HEIGHT = 3/16"



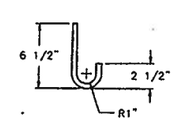
HANDHOLE COVER



HAND HOLE RING



SECTION F-F
SIGNAL TENON MOUNT DETAIL



J-HOOK
(1/2" ASTM A36 R.B.)

No. REQ'D.	V.O. No.	FILE No.	DATE	P.O. No.			CUSTOMER	LOCATION
11	CHANGED WELD TEAR OUTS & REMOVED A WELD SEAM FROM ARM			ECH		06-13	APS LLC American Pole Structures LLC	
10	UPDATED PER G. BCH 04-15-10			CHK		04-13		
9	UPDATED PER G. BCH 08-26-08			DRK		08-08		
8	UPDATED PER G. BCH 08-11-08			DRK		08-08		
7	UPDATED PER T. LACH 08-08-08			DRK		08-08		
6	UPDATED PER T. LACH 08-07-08			DRK		08-08		
REV.No	CHANGE			BY	APP.	DATE		
DRAWN BY	S.B.	APP. BY					TITLE WSDOT TYPE III TRAFFIC STRUCTURE 45' MAX. MAST ARM LENGTH "J" STYLE LUMINAIRE ARM	
DATE	10-AUG-02	SCALE	N.T.S.				DWG. No. WS-T3J-L	REV. No. 11 / SHT. 2 OF 2 SHTS.