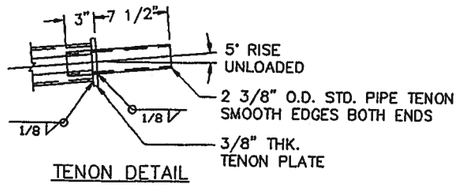
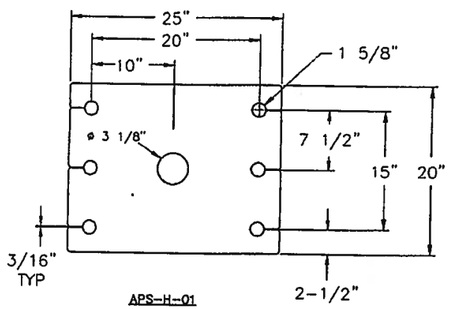


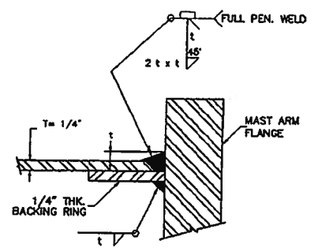
TENON DETAIL

THOMAS S. LACH
STATE OF WASHINGTON
42082
REGISTERED
PROFESSIONAL ENGINEER
1-10-11
EXPIRES 11-17-12

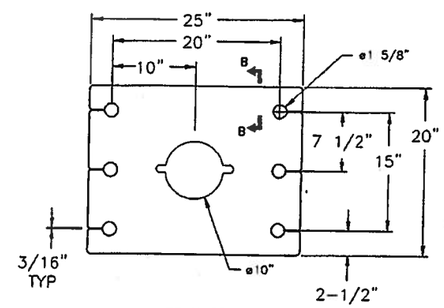
APPROVED
Manufacturer's Pole Plan
Approved For Listing As A
Pre-Approved Drawing
WSDOT Bridge & Structures Office
By GB Date 6-20-2011



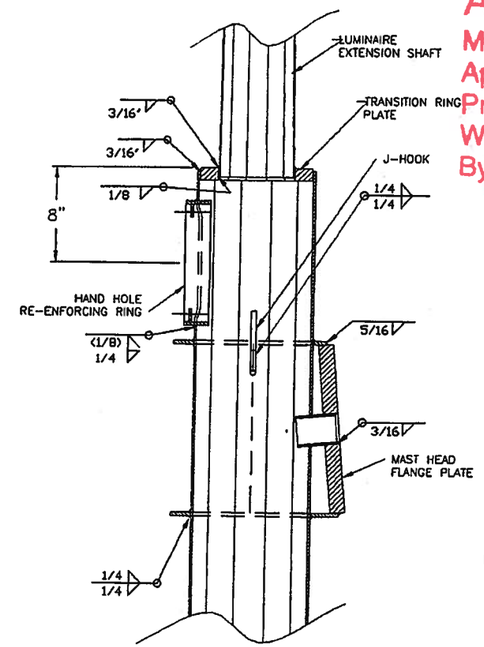
APS-H-01
MAST HEAD FLANGE PLATE
(2" PLT)

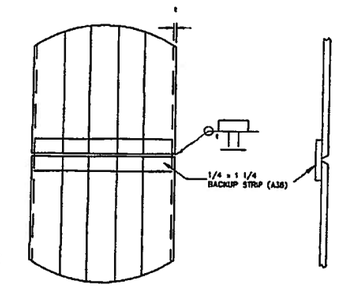


SECTION B-B FULL-PENETRATION
GROOVE WELD DETAIL
(SIGNAL ARM)
WSDOT FATIGUE CATEGORY D

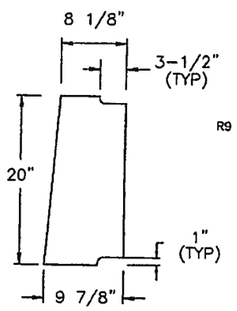


APS-H-02
MAST ARM EXTENSION FLANGE PLATE
(2" PLT)

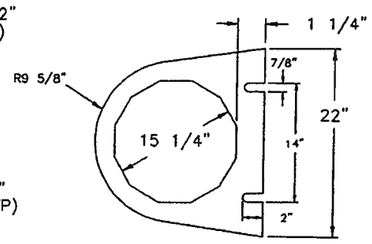




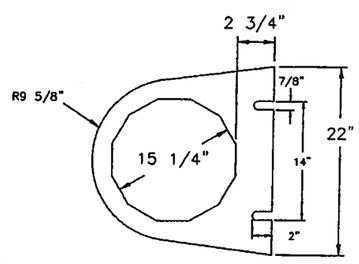
BUTT WELD DETAIL
NO SPLICE IN BOTTOM THIRD
OF POLE HEIGHT
100% PEN-WELDED &
100 PERCENT MAG.
PARTICAL TESTED



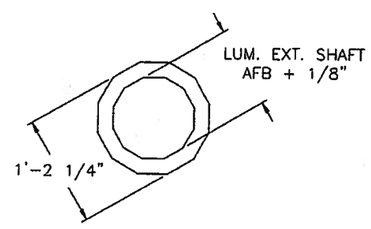
APS-H-07
MAST HEAD SIDE PLATE
(1/2" PLT)



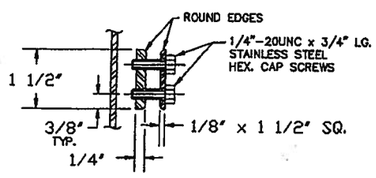
APS-H-03
TOP MAST HEAD PLATE
(3/8" PLT)



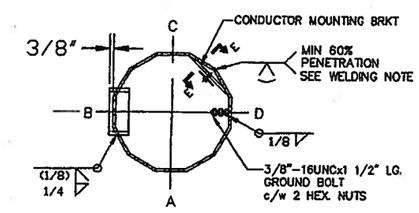
APS-H-04
BOTTOM MAST HEAD PLATE
(3/8" PLT)



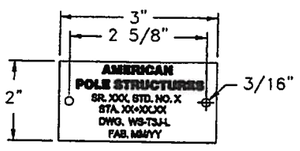
APS-H-08
TRANSITION RING PLATE
(1" PLT)



SECTION E-E
CONDUCTOR MOUNTING BRKT

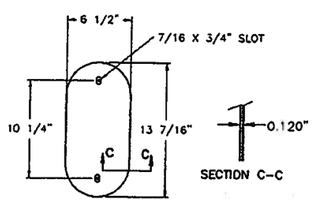


SEC A-A - HAND HOLE DETAIL
(SEE SHT 1)
AASHTO FATIGUE CATEGORY E

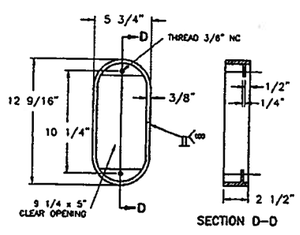


IDENTIFICATION TAG

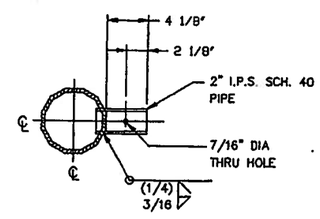
MAT'L - 14 GAUGE ALUMINUM
SECURE TO POLE WITH TWO (2)
0.125" SS OR ALUMINUM RIVETS
LETTERS TO BE STAMPED OR ENGRAVED
MINIMUM LETTER HEIGHT = 3/16"



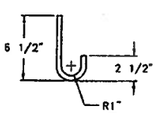
HANDHOLE COVER



HAND HOLE RING



SECTION F-F
SIGNAL TENON MOUNT DETAIL



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

REV. No.	CHANGE	BY	APP.	DATE
10	CHANGED WELD SIGN NOTES	CDH		06-11
9	UPDATES PER G. BCM 04-15-10	CHK		04-10
8	UPDATES PER G. BCM	DRK		08-08
7	UPDATES PER G. BCM	DRK		08-08
6	UPDATES PER G. BCM	DRK		08-08
5	UPDATES PER G. BCM	DRK		07-08

P.O. No.	CUSTOMER	LOCATION
		APS L.L.C. American Pole Structures L.L.C.

TITLE
WSDOT TYPE III TRAFFIC STRUCTURE
65' MAX. MAST ARM LENGTH
"J" STYLE LUMINAIRE ARM

DRAWN BY	S.B.	APP. BY		DWG. No.	REV. No.	SHT. 2 of 2 SHTS.
DATE	10-AUG-02	SCALE	N.T.S.	WS-T3J-H	10	