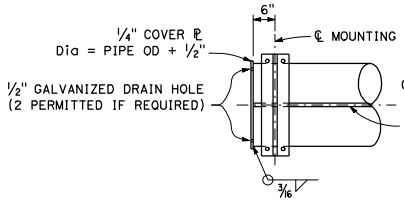
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

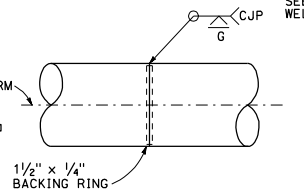
May 20, 2011
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

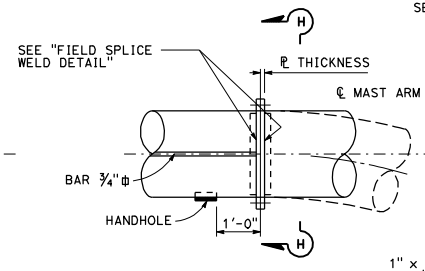
REGISTERED PROFESSIONAL ENGINEER
Stanley P. Johnson
No. C57793
Exp. 3-31-12
CIVIL
STATE OF CALIFORNIA



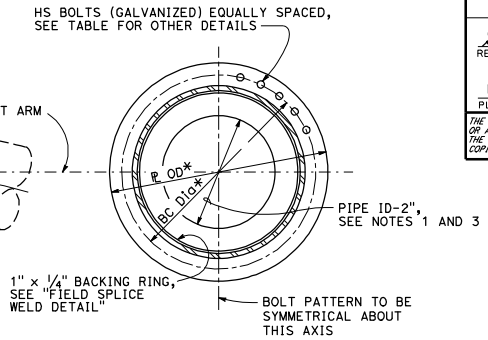
MAST ARM END DETAIL
(For "Single Post Type" only)



SHOP SPLICE

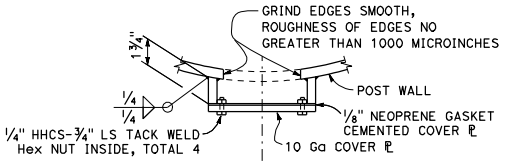


FIELD SPLICE

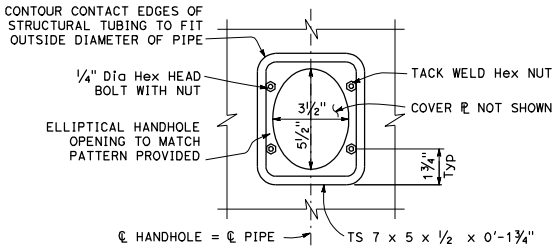


BC = Bolt Circle

SECTION H-H

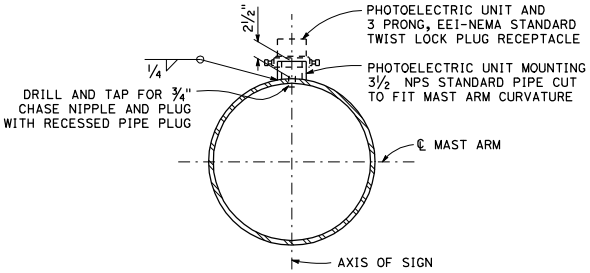


PLAN



ELEVATION

DETAILS OF LOWER HANDHOLE & COVER

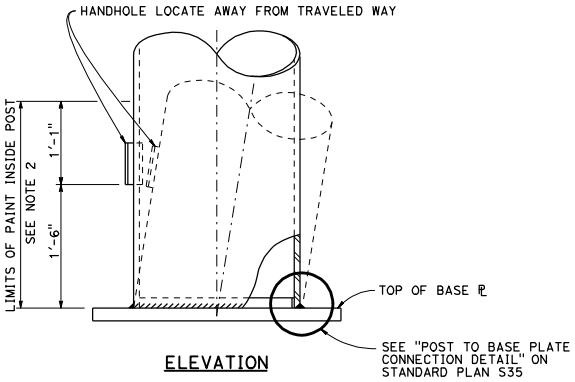


PHOTOELECTRIC UNIT DETAILS
(See "Layout" sheet for location when required)

FIELD SPLICE TABLE

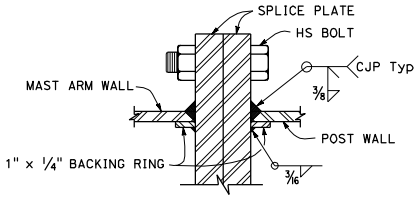
PIPE SIZE (NPS)	ℙ OD *	ℙ THICKNESS	BC Dia *	No. OF HS BOLTS AND BOLT Dia
20	2'-3"	1⅜"	2'-0"	22-1"
24	2'-7"	1½"	2'-6"	26-1"
30	3'-1"	1⅝"	2'-10"	34-1"

NOTE:
Design based on capacity of standard pipe.



ELEVATION

POST BASE
(For base ℙ details, see Standard Plan S35)



FIELD SPLICE WELD DETAIL

NOTES:

1. Place single thin bead of silicone caulking compound around hole prior to bolting. Caulking not to interfere with friction between plates in bolted area.
2. Prime and paint post interior from base ℙ to 6" above lower handhole unless post is galvanized.
3. "ID" is inside diameter of post pipe.
4. Field splice diameters marked "*" may be increased 2" to facilitate bolting.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TUBULAR STRUCTURAL FRAME DETAILS No. 2

NO SCALE

S34

2010 STANDARD PLAN S34

6-30-10