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

REGISTERED CIVIL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

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

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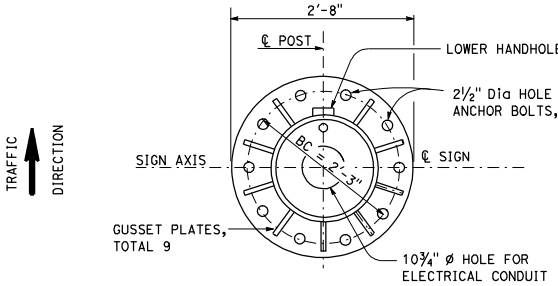
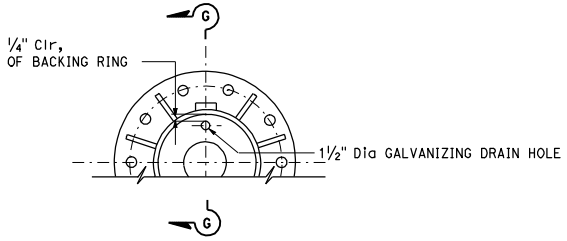
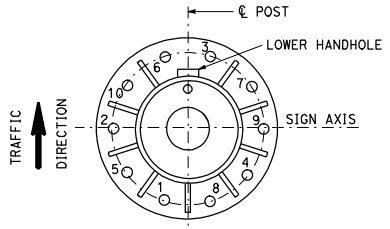


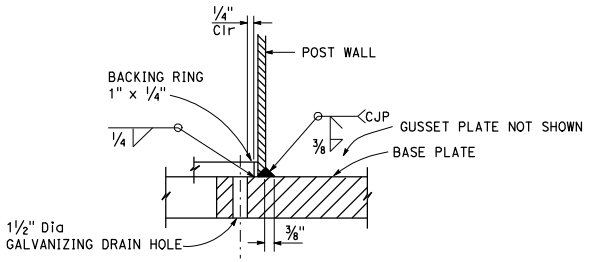
10 BOLTS
BASE PLATE DETAILS



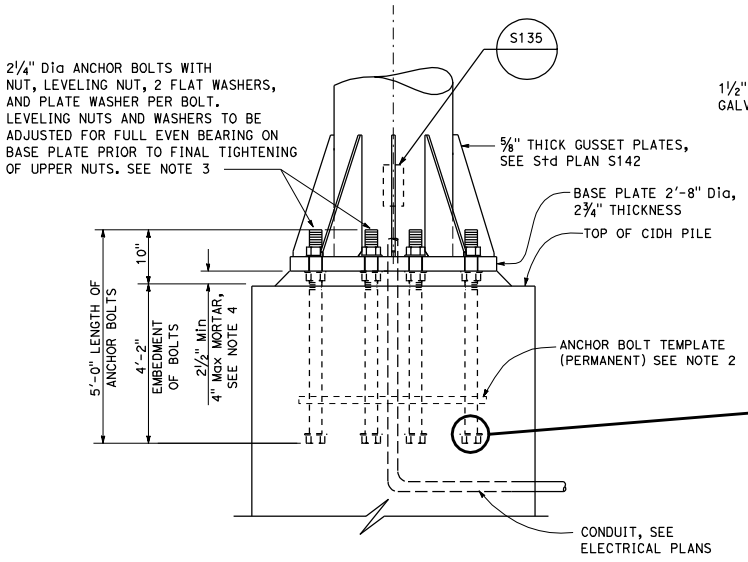
GALVANIZING HOLE LAYOUT



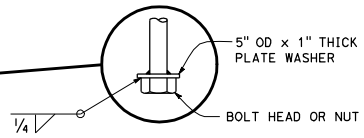
TIGHTENING SEQUENCE



SECTION G-G
WELDING DETAIL



ELEVATION



ANCHORAGE DETAIL

NOTES:

1. Thread upper 10" and galvanize upper 1'-0" of the anchor bolts.
2. Provide anchor bolt templates during installation of anchor bolts. Templates to match base plate anchor bolts pattern. See Standard Plans S3 for typical use of templates. OD = 2'-7", ID = 1'-11", BC = 2'-3", HOLES = 2⅝" Max, permanent template thickness = ¾", temporary template thickness = ½".
3. Following initial tightening, upper nuts shall be brought to a snug tight condition. This can be obtained by a few impacts of an impact wrench or the full effort of a man using an ordinary spud wrench. Snug tightening shall progress systematically according to the tightening sequence as shown. Upper nuts and washers to have full even bearing on base plate.
4. For drain holes and cental void in mortar, see Standard Plan ES-6B detail N.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN-TRUSS SINGLE POST TYPE ANCHORAGE AND BASE PLATE DETAILS CHANGEABLE MESSAGE SIGNS MODEL 510

NO SCALE

S134

10-5-09