

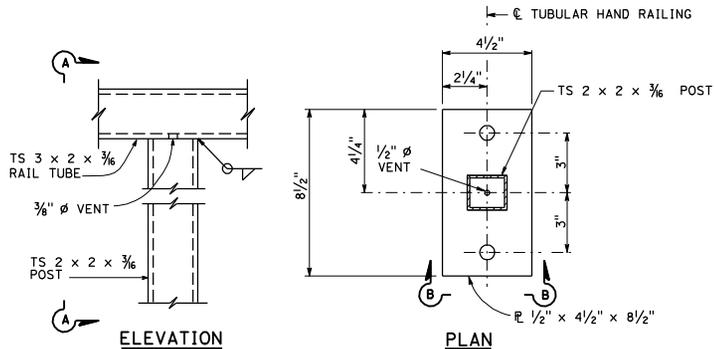
ELEVATION

SECTION E-E

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET 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.

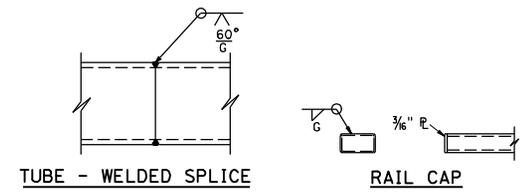
REGISTERED PROFESSIONAL ENGINEER
 Tiliot Satter
 No. C42892
 Exp. 3-31-12
 CIVIL
 STATE OF CALIFORNIA



ELEVATION

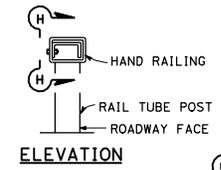
PLAN

This plate detail is restricted to tubular hand railing (TS 2 x 2 x 3/16 post)

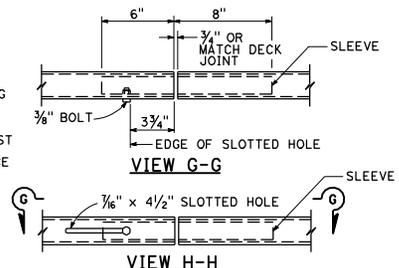


TUBE - WELDED SPLICE

RAIL CAP



ELEVATION



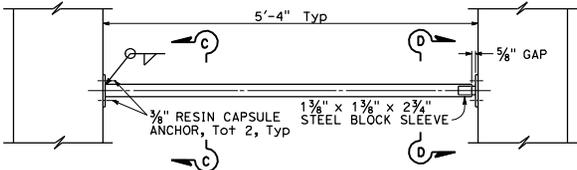
VIEW G-G

VIEW H-H

TACK WELD 3/8" NUT INSIDE OF SLEEVE FOR 3/8" Hex BOLT WITH LOCK WASHER, SEE NOTE 4

1/2" Ø HOLES NEAR AND FAR SIDE OF SLEEVE FORMED OF 3/16" PLATE BENT THUS [] FOR SLIDING FIT INSIDE OF RAIL TUBE

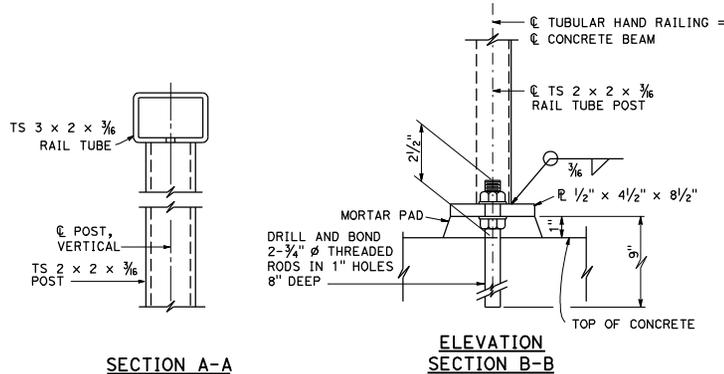
SLEEVE TUBE SPLICE DETAIL



LOWER RAIL DETAIL

NOTES:

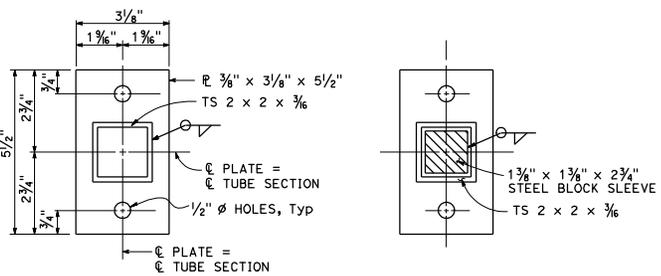
1. Posts shall be normal to railing.
2. Tube splices shall be located in the tubes spanning deck or wall joints. Increase joint width in tubes to match expansion joint width and increase sleeve length accordingly.
3. Top rail tube shall be continuous over not less than two posts except a short length is permitted near deck or wall joints, electroliers, or other rail discontinuities.
4. 3/8" nut tack welded to sleeve may be replaced by drilled and tapped hole in sleeve.



SECTION A-A

SECTION B-B

TUBULAR RAILING CONNECTION DETAILS



SECTION C-C

SECTION D-D

See Section C-C for details not shown

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**CONCRETE BARRIER
 TYPE 80SW
 (SHEET 3 OF 3)**

NO SCALE

B11-64