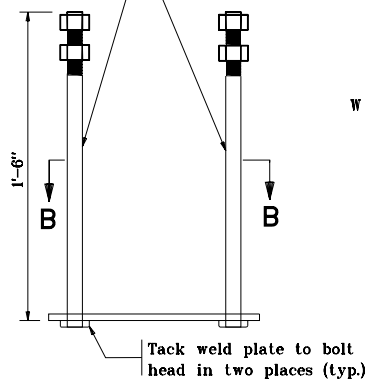


4 - 15/16" ϕ anchor bolts threaded 5" min. with 2 nuts and flat washers

2 - Threaded 3/4" ϕ reduced weld base stud x 2" long (see Detail) w/1- $\frac{1}{4}$ " washer C (see Detail)

1 lock washer and nut ϕ 100 ga.



W 8 x 24 post

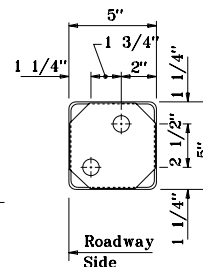
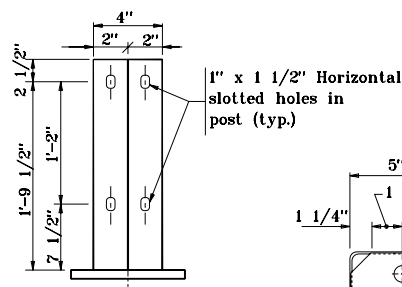
See Baseplate Detail

See Anchor Plate Details

See Post Front View Detail

POST FRONT VIEW DETAIL

SECTION A - A



NOTES

1

Gap of 1" unless noted otherwise on plans. Railing splice required in panel with a deck expansion joint.

Rail tube member

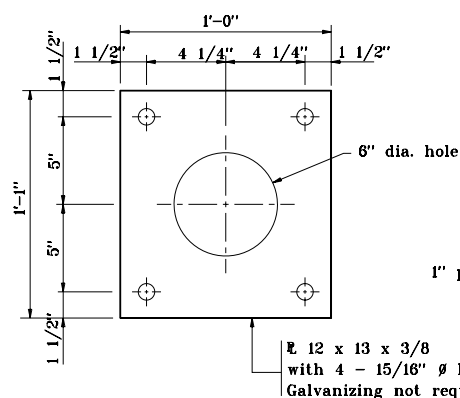
$\frac{1}{4}$ 4 3/4 x 4 3/4 x 3/16 cope corners 3/4" to provide zinc drains

2 - 3/4" ϕ reduced base welded studs on each rail cap at guard rail connections

Install angle with washers and self locking nuts or nuts and jam nuts

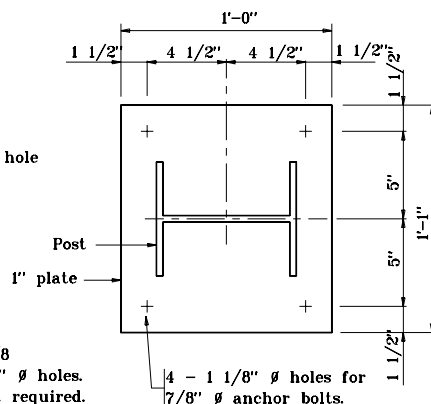
Leg of connection angle A

RAIL CAP DETAIL



SECTION B - B

ANCHOR PLATE DETAILS



BASE PLATE DETAILS

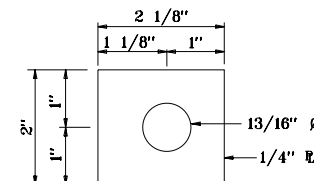
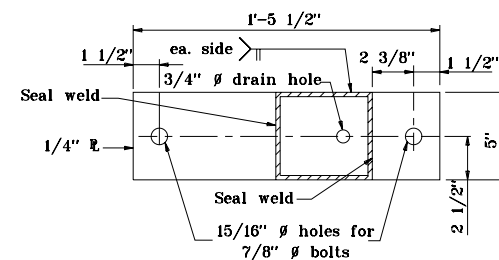
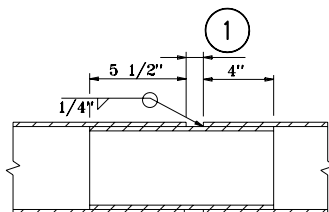


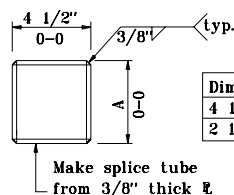
PLATE WASHER C DETAIL



TOP RAIL END VIEW B - B

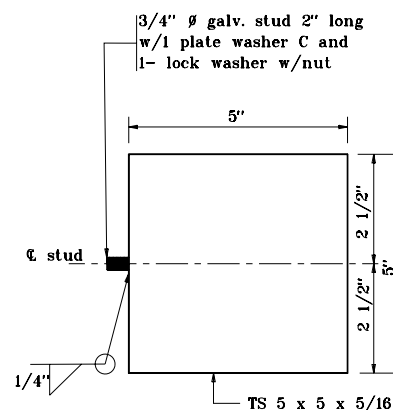


RAILING SPLICE DETAILS



Make splice tube from 3/8" thick $\frac{1}{4}$

Dim. A	Tubing Size
4 1/2"	5" x 5"
2 1/2"	5" x 3"



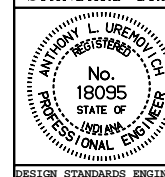
BASE WELD STUD DETAIL

INDIANA DEPARTMENT OF TRANSPORTATION

RAILING, CF-1

JANUARY 2001

STANDARD DRAWING NO.E 706-BRTM-02



/s/ Anthony L. Uremovich 1-02-01
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 1-02-01
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER