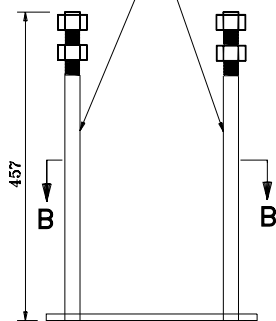


4 - 22  $\phi$  anchor bolts threaded 127 min. with 2 nuts and flat washers

2 - Threaded 19  $\phi$  reduced weld base stud x 51 long (see Detail) w/1- $\angle$  washer C (see Detail) 1 lock washer and nut  $\phi$  100 ga.

2- TS 127 x 127 x 7.9



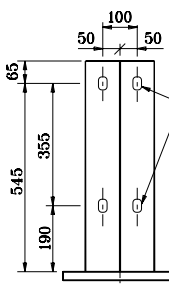
Tack weld plate to bolt head in two places (typ.)

W 200 x 36 post

See Baseplate Detail

See Anchor Plate Details

See Post Front View Detail



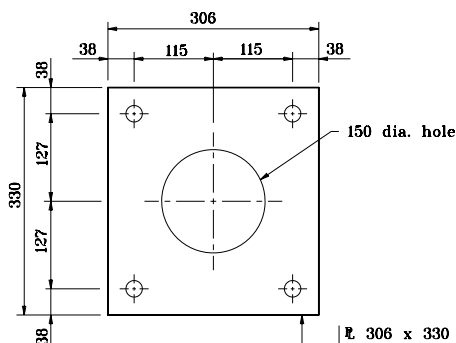
25 x 38 Horizontal slotted holes in post (typ.)

### POST FRONT VIEW DETAIL

Not to Scale

### SECTION A - A

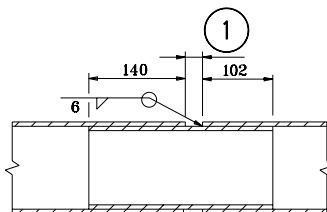
Not to Scale



$\angle$  306 x 330 x 9.5 with 4 - 24  $\phi$  holes. Galvanizing not required.

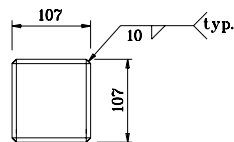
### SECTION B - B ANCHOR PLATE DETAILS

Not to Scale



### RAILING SPLICE DETAILS

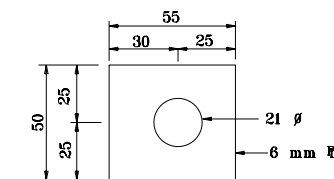
Not to Scale



Make splice tube from 10 thick  $\angle$

### BASE PLATE DETAILS

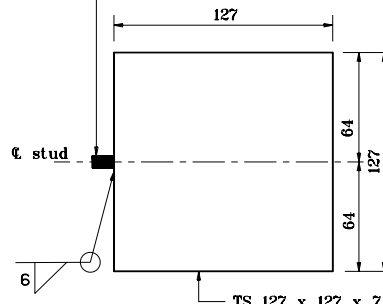
Not to Scale



### PLATE WASHER C DETAIL

Not to Scale

19 mm  $\phi$  galv. stud 51 long w/1 plate washer C and 1- lock washer w/nut

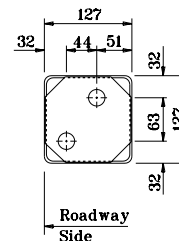


### BASE WELD STUD DETAIL

Not to Scale

### NOTES :

- Gap of 25 unless noted otherwise on plans. Railing splice required in panel with a deck expansion joint.



Rail tube member

$\angle$  121 x 121 x 4.8 Cope corners 19 to provide zinc drains.

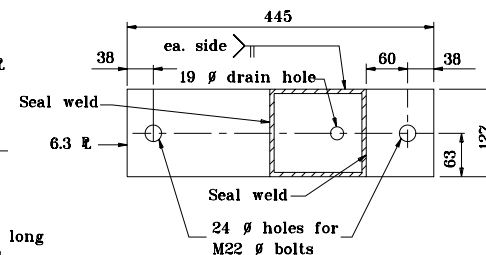
2 - 20  $\phi$  reduced base welded studs on each rail cap at guard rail connections

Leg of connection angle A

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

### RAILING CAP DETAIL

Not to Scale



### TOP RAILING END VIEW B - B

Not to Scale

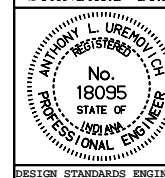
All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

RAILING, CF-1

SEPTEMBER 2001

STANDARD DRAWING NO. 706-BRTM-02



/s/ Anthony L. Uremovich 9-04-01  
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 9-04-01  
CHIEF HIGHWAY ENGINEER DATE