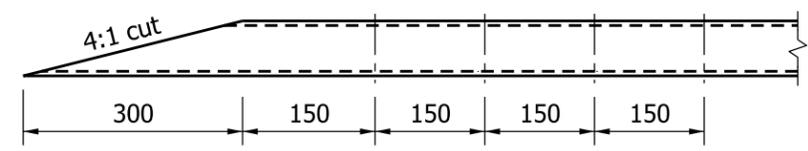


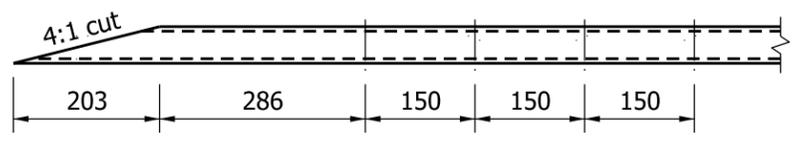
4 - 19 ϕ x 320 length round head bolts in 22 ϕ holes (bottom rail). Holes are to be slotted as required for expansion.

4 - 4.8 ϕ x 300 length round head bolts in 6 ϕ holes (bottom rail). Holes are to be slotted as required for expansion.

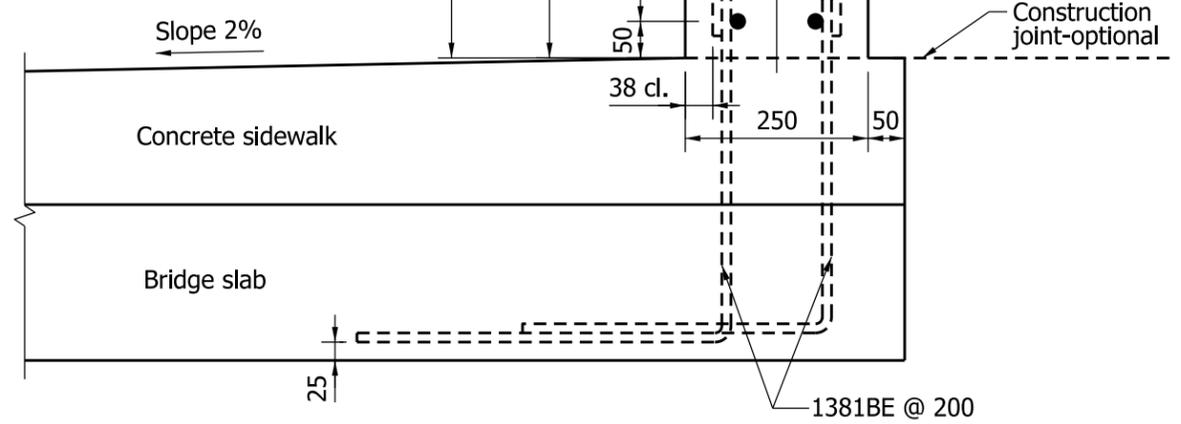
* Field measure distance to holes on concrete transition.



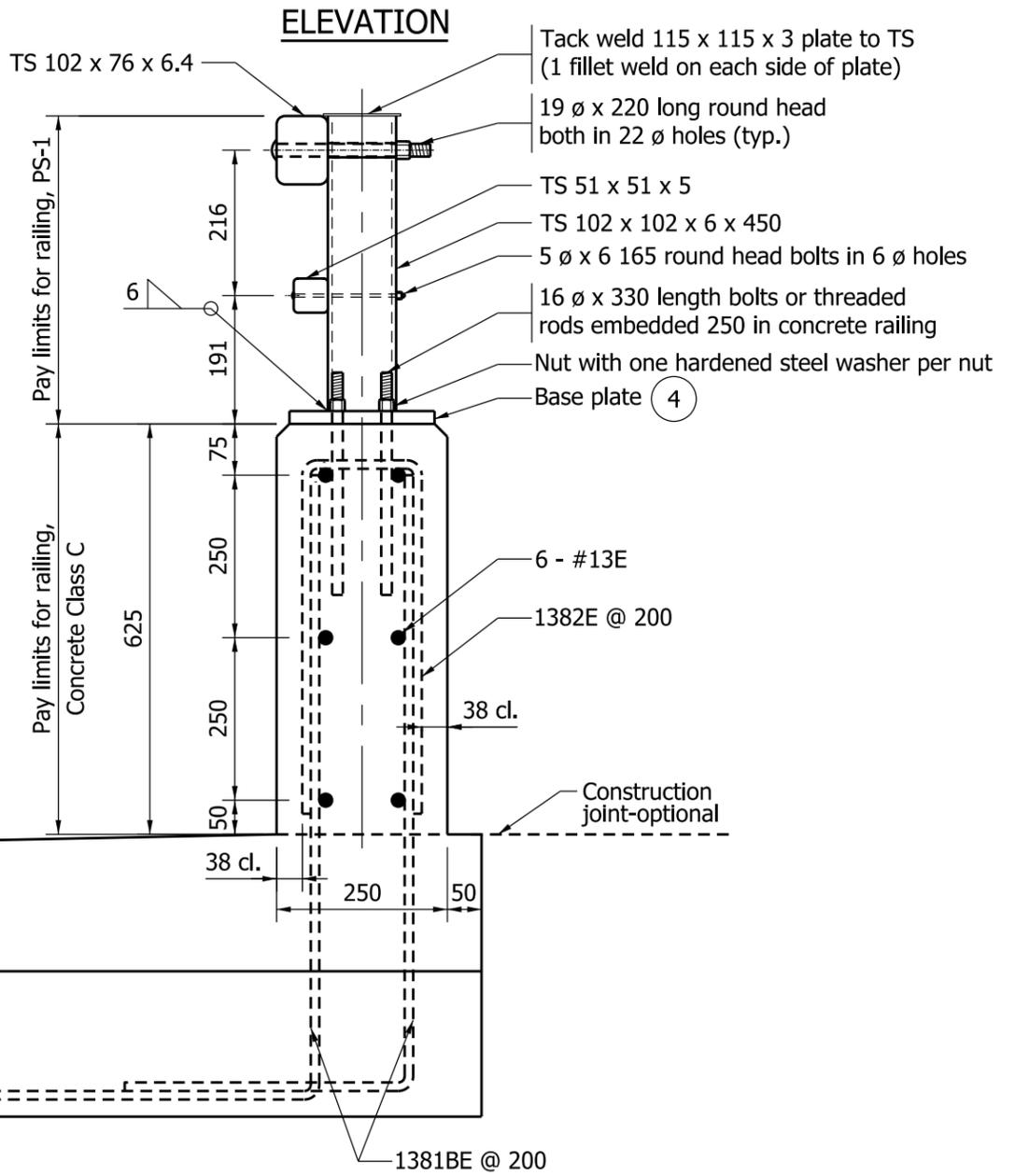
TOP VIEW
(Plan view of top rail)



TOP VIEW
(Plan view of bottom rail)



TYPICAL SECTION



ELEVATION

NOTES

1. All chamfered edges shall be 25.
2. Intermediate railing splices shall be placed every 6 m with center of connection at span quarter points.
3. See Standard Drawing 706-BRPP-05 for railing tube details and inner sleeve details.
4. See Standard Drawing 706-BRPP-06 for base plate detail and reinforcing steel bar bends.
5. See Standard Drawing 706-TTBP-05 and -06 for Concrete Bridge Transition, TPS-1.
6. See Standard Drawing 703-BRST-01 for standard 180° bar bending details.
7. All reinforcing bars designated "E" shall be epoxy coated.
8. Reinforcing steel in sidewalk shall match that shown on the bridge plans.

All Dimensions are in mm unless otherwise specified.

| | |
|---|---|
| INDIANA DEPARTMENT OF TRANSPORTATION | |
| RAILING, PS-1 | |
| SEPTEMBER 2010 | |
| STANDARD DRAWING NO. | 706-BRPP-03 |
|  | /s/ <i>Richard L. VanCleave</i> 09/01/10 DESIGN STANDARDS ENGINEER DATE |
| DESIGN STANDARDS ENGINEER | /s/ <i>Mark A. Miller</i> 09/01/10 CHIEF HIGHWAY ENGINEER DATE |