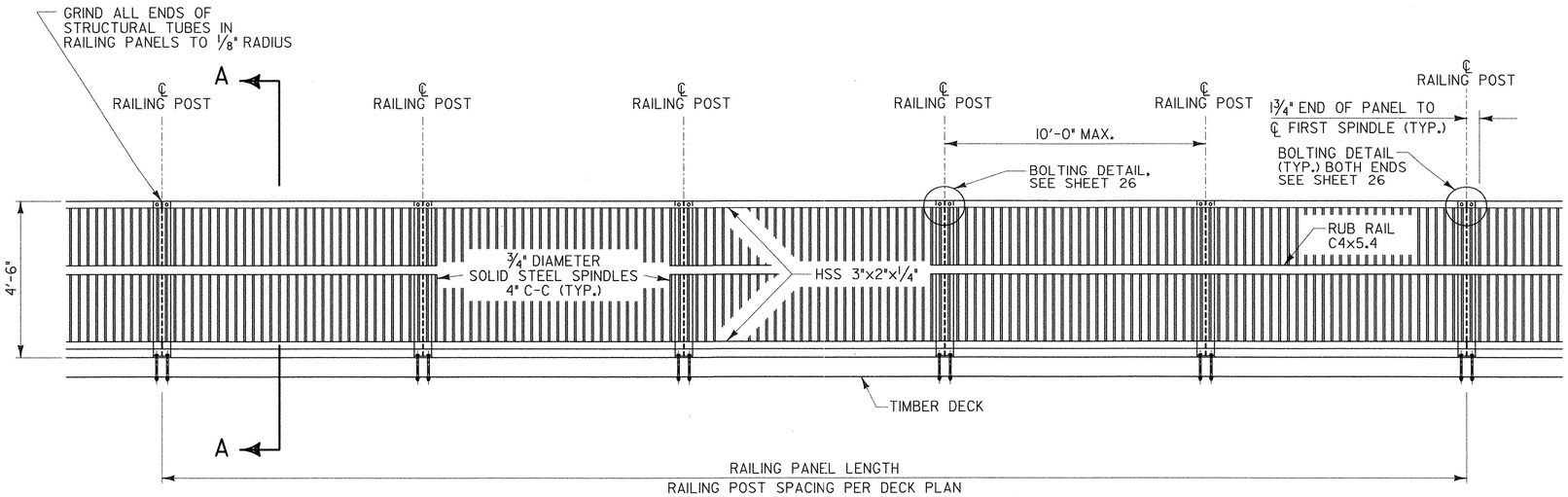
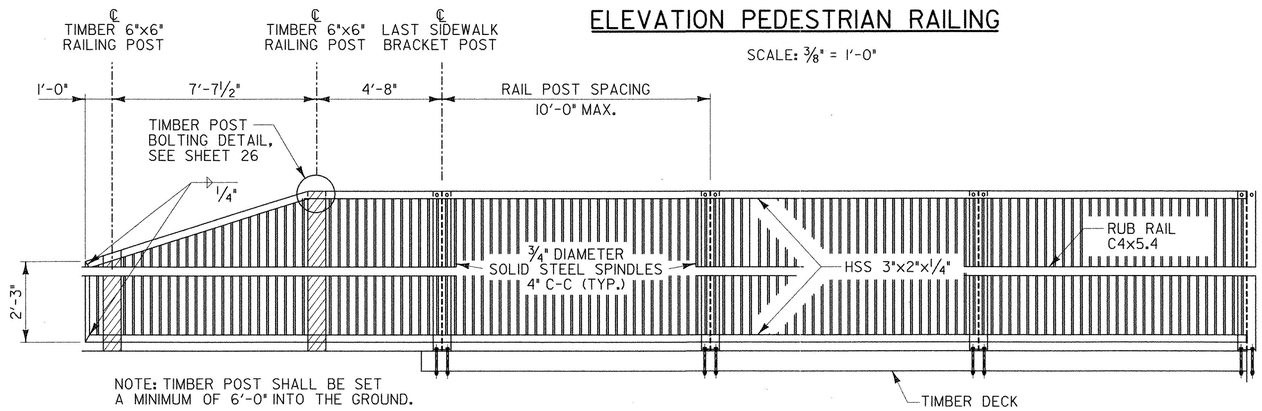



## ELEVATION PEDESTRIAN RAILING

SCALE: 3/8" = 1'-0"

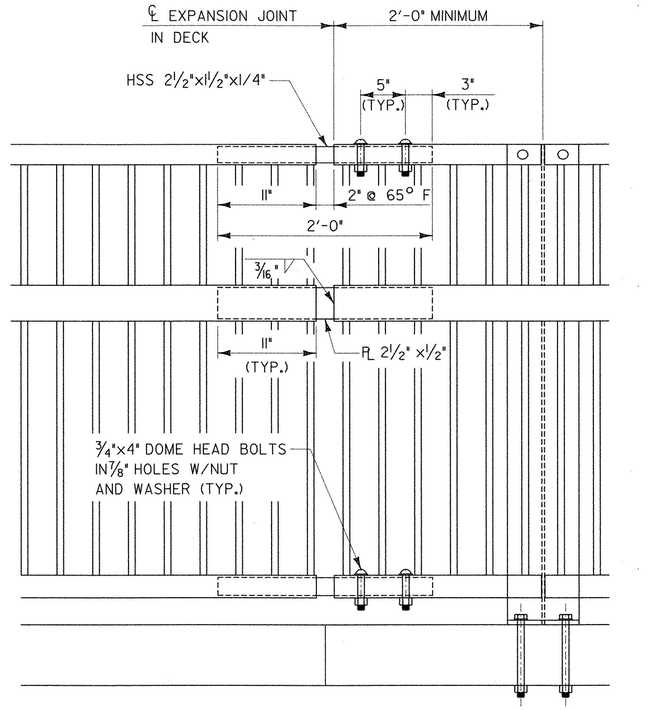



NOTE: TIMBER POST SHALL BE SET A MINIMUM OF 6'-0" INTO THE GROUND.

FOR DETAILS, SEE SIMILAR RAILING DETAILS ON SHEET 24.

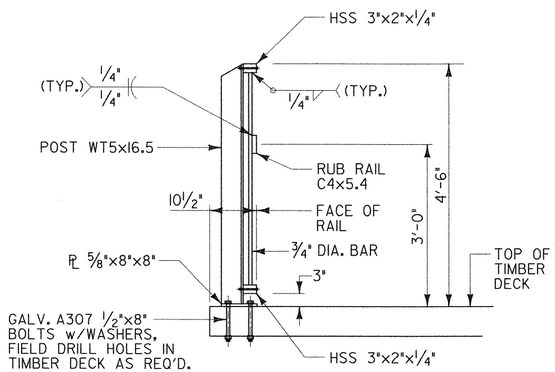
## PEDESTRIAN RAIL TERMINATOR

SCALE: 3/8" = 1'-0"




## PEDESTRIAN RAIL EXPANSION JOINT

SCALE: 1 1/2" = 1'-0"




## SECTION A-A

SCALE: 3/4" = 1'-0"

## NOTES

1. ALL STEEL IN THE PEDESTRIAN RAILING SHALL CONFORM TO AASHTO M270M/M270 GR 36, EXCEPT ALL STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.
2. THE PEDESTRIAN RAILING TERMINATOR SHALL BE INSTALLED ON BOTH APPROACHES. THE RAILING EXPANSION JOINT SHALL ONLY BE INSTALLED ON THE EXPANSION END OF THE BRIDGE. SEE PEDESTRIAN RAILING EXPANSION JOINT DETAIL.
3. PEDESTRIAN RAILING SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BRIDGE RAILING, STEEL/PEDESTRIAN).
4. THE RAILING SHALL BE SHOP PAINTED WITH A PROTECTIVE PAINT SYSTEM PER SECTION 513. THE TOP COAT SHALL BE SILVER. THIS WORK WILL BE PAID FOR UNDER THE RAILING ITEM AS PER SPEC.
5. THE TIMBER RAILING POSTS SHALL BE IN CONFORMANCE WITH SECTION 728.01, AND SHALL BE PAID FOR UNDER THE ITEM 900.640 SPECIAL PROVISION (BRIDGE RAILING, STEEL/PEDESTRIAN).
6. ALL BOLTS IN THE PEDESTRIAN RAILING SHALL BE HIGH-STRENGTH AND SHALL CONFORM TO AASHTO M-164 SPECIFICATION OR ASTM A307, GRADE A SPECIFICATION.
7. PEDESTRIAN RAILING TERMINATION SHALL BE FABRICATED TO FOLLOW THE ELEVATION OF THE PATH OFF THE BRIDGE. THIS MAY OR MAY NOT MEAN DEVIATION FROM A STRAIGHT LINE IN THE VERTICAL DIMENSION. THE SLOPED PORTION OF THE TERMINATOR SHALL BE ANGLED OUTWARD AWAY FROM THE HORIZONTAL LINE AT A SLOPE OF 1:2.
8. THE LENGTH OF THE RAILING PANEL MAY BE ADJUSTED BY THE CONTRACTOR TO REFLECT FIELD CONDITIONS. HOWEVER, A 10'-0" POST SPACING SHALL BE THE MAXIMUM POST SPACING AND EACH RAILING PANEL SHALL BE CONTINUOUS OVER TWO OR MORE RAILING POSTS.

URS URS CORPORATION

# STATE OF VERMONT
## AGENCY OF TRANSPORTATION

| | |
|---|---|
| Town Of SWANTON | Bridge No. 18 |
| Highway No. | Log Sta. _____ |
| | Surv. Sta. _____ |

RAIL TRAIL OVER MISSISQUOI RIVER

**PEDESTRIAN BRIDGE RAIL DETAILS 1**

| | |
|---|---|
| Designed By R. SACCHI | Drawn By R. ROSS |
| Checked By H. BUI Date 1/23/08 | Bridge Design Supervisor R. SACCHI Date 1/23/08 |
| PROJECT SWANTON | PROJECT NO. STP ST MHTB(1) |
| I.G.C. Info. ZD024RD1.dgn | 1/31/2008 |
| Bridge Sheet No. BR3 | Sheet 25 of 63 |