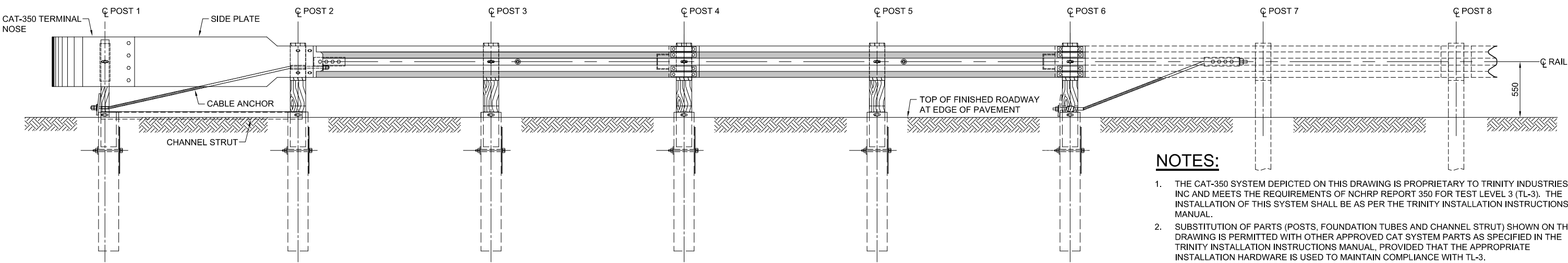


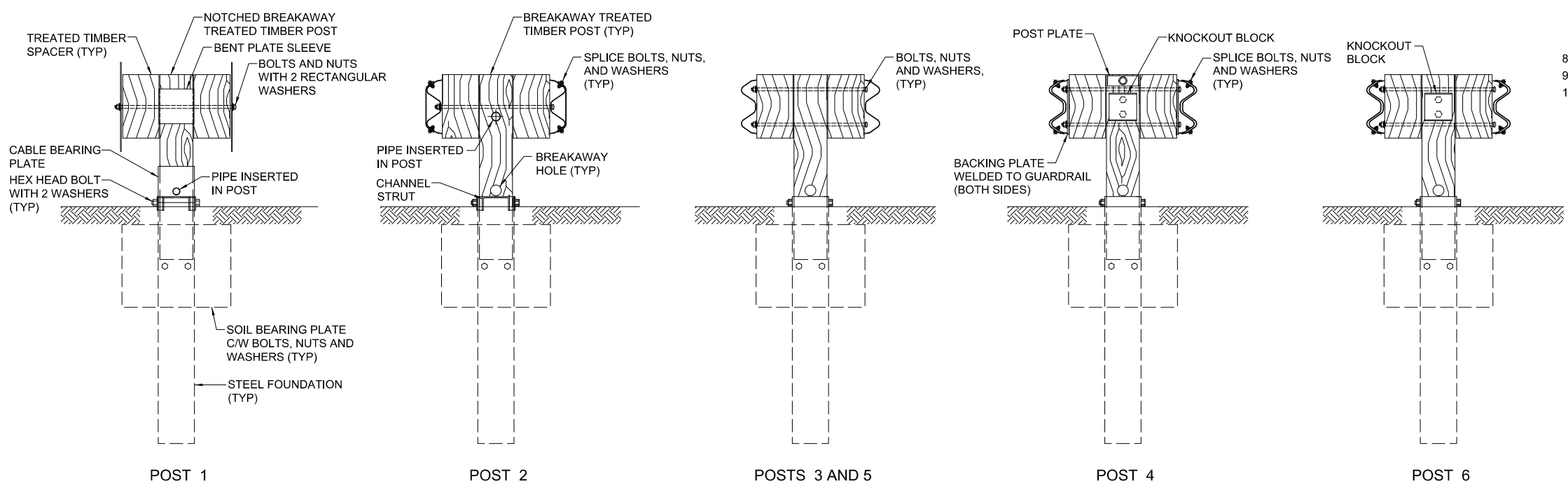
CAT-350 TERMINAL PLAN



CAT-350 TERMINAL ELEVATION

NOTES:

1. THE CAT-350 SYSTEM DEPICTED ON THIS DRAWING IS PROPRIETARY TO TRINITY INDUSTRIES, INC AND MEETS THE REQUIREMENTS OF NCHRP REPORT 350 FOR TEST LEVEL 3 (TL-3). THE INSTALLATION OF THIS SYSTEM SHALL BE AS PER THE TRINITY INSTALLATION INSTRUCTIONS MANUAL.
2. SUBSTITUTION OF PARTS (POSTS, FOUNDATION TUBES AND CHANNEL STRUT) SHOWN ON THIS DRAWING IS PERMITTED WITH OTHER APPROVED CAT SYSTEM PARTS AS SPECIFIED IN THE TRINITY INSTALLATION INSTRUCTIONS MANUAL, PROVIDED THAT THE APPROPRIATE INSTALLATION HARDWARE IS USED TO MAINTAIN COMPLIANCE WITH TL-3.
3. MAXIMUM PROJECTION OF FOUNDATION TUBE ABOVE FINISHED GRADE SHALL NOT EXCEED 100.
4. CAT RAIL SPLICE BOLTS SHALL BE USED AT POSTS 4 AND 6 TO ENSURE PROPER PERFORMANCE OF THE SYSTEM DURING IMPACT. THESE BOLTS ARE DESIGNED TO ALLOW TELESCOPING ACTION OF RAIL SLIDING ON RAIL.
5. RAIL SECTIONS ARE TO BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW.
6. DO NOT ATTACH RAIL ELEMENTS TO POSTS 3, 5 AND 6.
7. A 3810 LONG CAT-350 TAIL-END SECTION SHALL BE PROVIDED FROM POST 6 TO POST 8 WHEN LESS THAN 11 430 OF W-BEAM MEDIAN GUARDRAIL IS INSTALLED BEYOND POST 6. FOR SHOULDER APPLICATIONS WHEN TRANSITIONING THE CAT-350 TERMINAL TO A SINGLE SIDED W-BEAM GUARDRAIL, A CABLE ATTACHMENT AND ANCHORAGE ASSEMBLY IS REQUIRED BETWEEN POSTS 6 AND 7. DETAILS FOR BOTH TYPES OF TRANSITIONS MAY BE OBTAINED FROM TRINITY.
8. ALL FITTINGS AND HARDWARE SHALL BE GALVANIZED.
9. POST 4 MARKS THE BEGINNING OF THE CALCULATED LENGTH OF NEED.
10. TO ENSURE PROPER DELINEATION, REFLECTIVE SHEETING SHALL BE PLACE ON THE NOSE AND SHALL BE PROVIDED AS PART OF THE INSTALLED SYSTEM.



POST DETAILS

No.	REVISIONS	BY	DATE

Approved:
 Allan Kwan
 Executive Director,
 Technical Standards Branch

Date: NOVEMBER, 2007



**W-BEAM STRONG POST
 MEDIAN OR GORE AREA
 TERMINATION
 TL-3 CAT 350 TERMINAL**

Prepared By: MO Checked By: WS Scale: N.T.S. Dwg No.: **RDG-B1.7**

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.