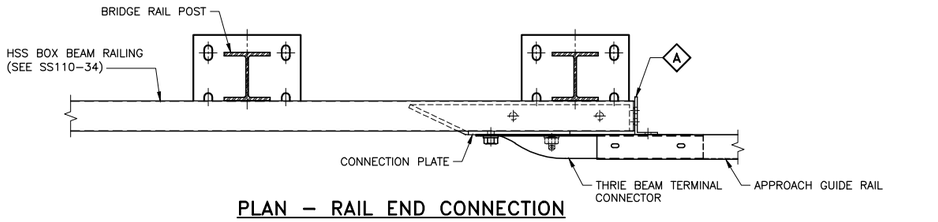
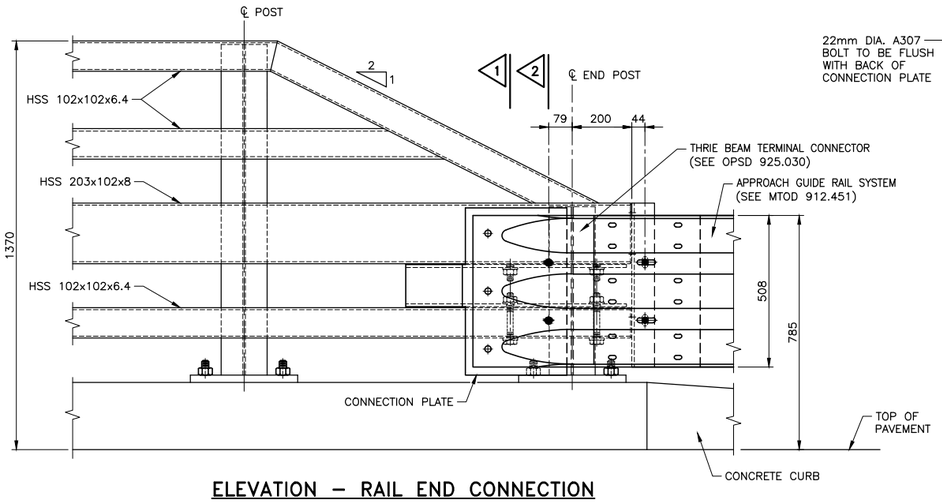
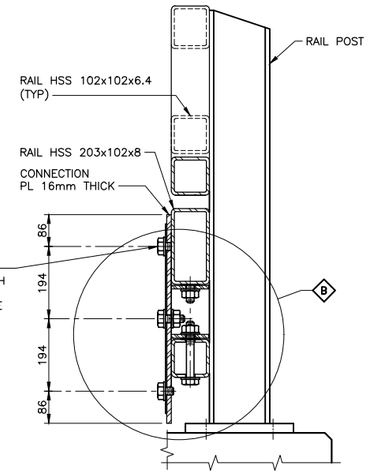


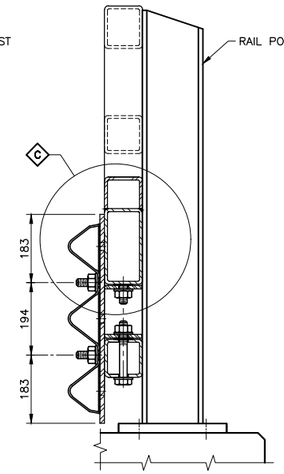
PLAN – RAIL END CONNECTION

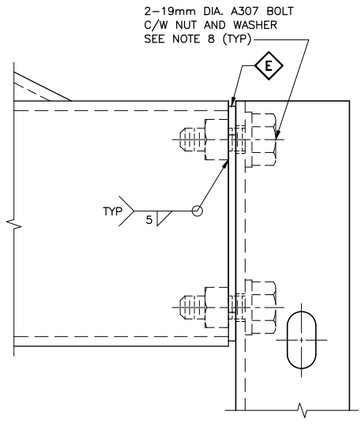


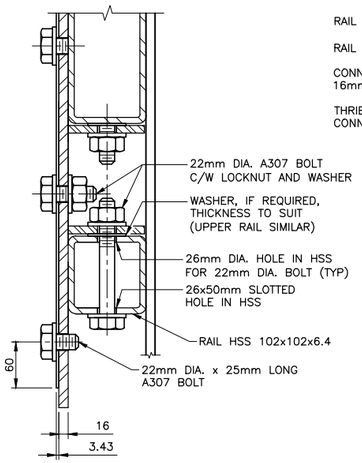
ELEVATION – RAIL END CONNECTION

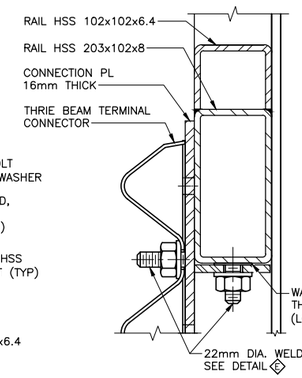
(INSIDE FACE SHOWN)

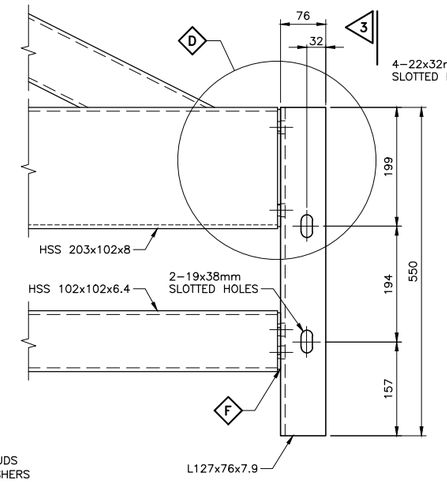




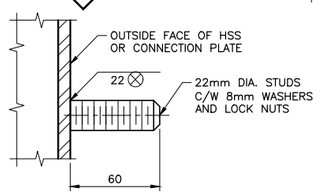






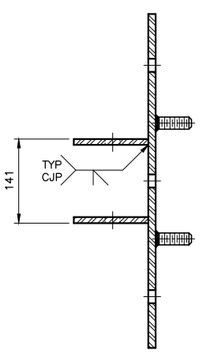


A CONNECTION ANGLE DETAIL



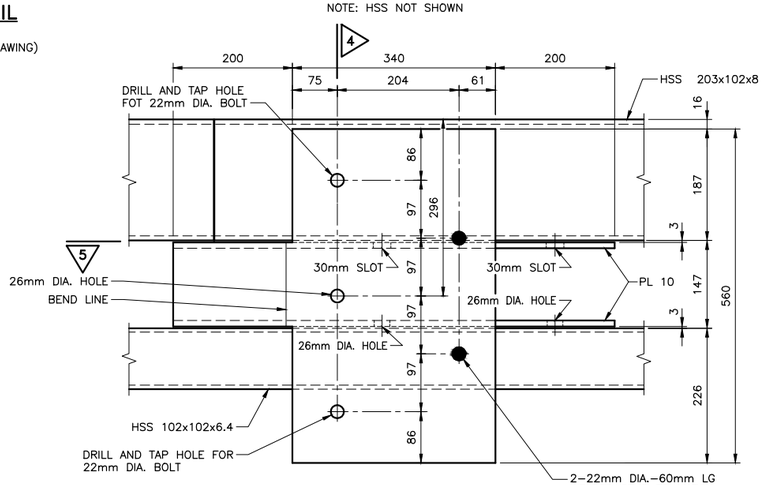
E WELDED STUD DETAIL

FULL–THREAD WELDED STUD

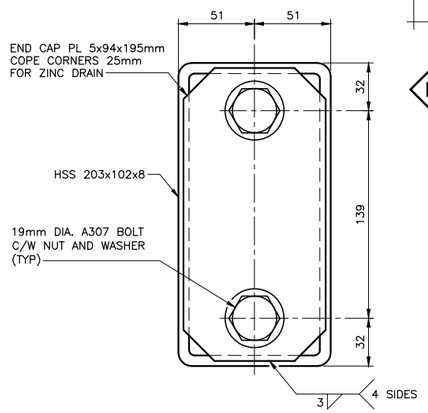


4

NOTE: HSS NOT SHOWN

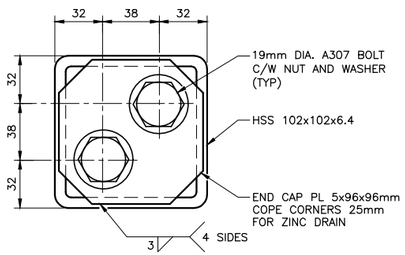


CONNECTION PLATE



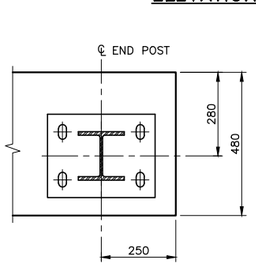
E END CAP

CONNECTION ANGLE NOT SHOWN



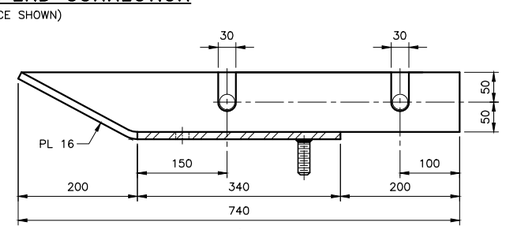
F END CAP

CONNECTION ANGLE NOT SHOWN



CURB END DETAIL

CURB REINFORCING
(SEE WINGWALL REINFORCING DRAWING)



5

NOTE: HSS NOT SHOWN

Ontario Ministry of Transportation

CONT WP — DRAFT

PROJECT NAME

END CONNECTION FOR FOUR TUBE COMBINATION TRAFFIC/BICYCLE RAILING AND APPROACH RAIL TRANSITION

SHEET –

METRIC
MILLIMETRES OR METRES
(UNLESS NOTED)

NOTES:

1. SYSTEM CONFIGURATION MEETS THE REQUIREMENTS OF NCHRP 350.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH SS110–34.
3. STEEL PLATES SHALL BE GRADE 350WT.
4. FULL THREADED STUDS FOR FASTENING GUIDE RAILS TO POST SHALL CONFORM TO ASTM A108. LOCK NUTS SHALL BE ACCORDING TO ASTM A563. WASHERS SHALL BE ACCORDING TO ASTM F436.
5. ALL COMPONENTS OF RAILING SHALL BE HOT–DIP GALVANIZED AFTER FABRICATION AS PER OPSS 911.
6. BOLTS, PLATES, NUTS AND WASHERS SHALL BE HOT–DIP GALVANIZED. LOCK NUTS SHALL BE ZINC PLATED ACCORDING TO ASTM–B695.
7. DAMAGE TO GALVANIZING SHALL BE REPAIRED WITH A ZINC TOUCH–UP SOLDER, GALVAGUARD OR APPROVED EQUIVALENT.
8. PRIOR TO ASSEMBLY, APPLY LOCTITE 242, OR APPROVED EQUIVALENT THREAD–LOCKING FLUID, TO THE BOLT THREADS AT THE NUT ENGAGEMENT AREA, PER MANUFACTURER'S SPECIFICATION.

REFER TO THE STRUCTURAL MANUAL FOR PROFESSIONAL ENGINEER STAMPING REQUIREMENTS.

STANDARD DRAWING
JUNE 5, 2024

SS110–35

END CONNECTION FOR FOUR TUBE COMBINATION TRAFFIC/BICYCLE RAILING AND APPROACH RAIL TRANSITION

REVISIONS			
DATE	BY	DESCRIPTION	
DESIGN –	CHK –	CODE CSA S6–19 LOAD –	DATE –
DRAWN –	CHK –	SITE –	DWG –

FILE NAME: C:\USERS\WEZIAKV\ONEDRIVE – GOVERNMENT OF ONTARIO\DESKTOP\ADAM JAN RAILING 2023\SS110–35 MAY 30 2024 DRAFT.DWG
MODIFIED: 2024–06–05 09:56