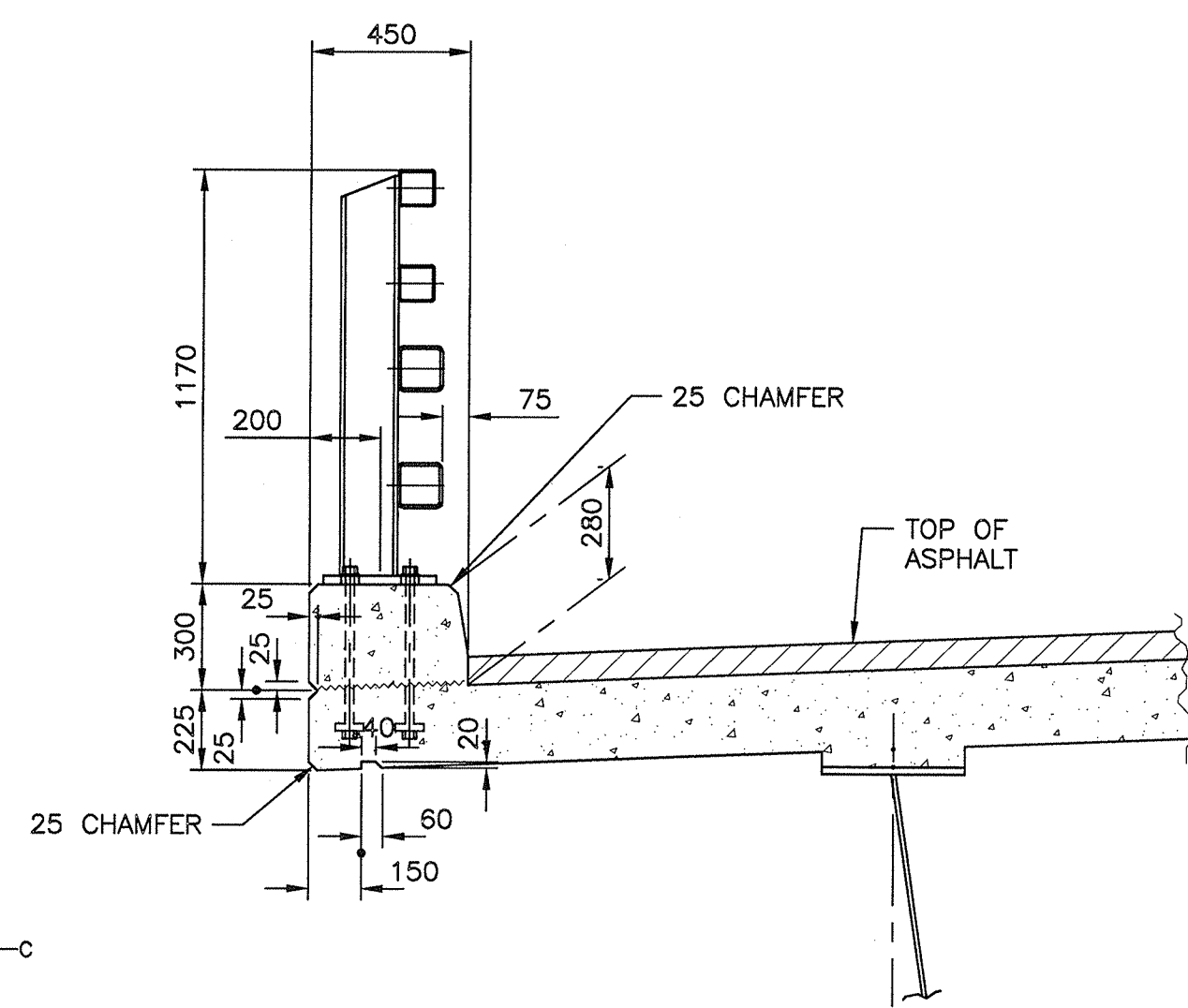
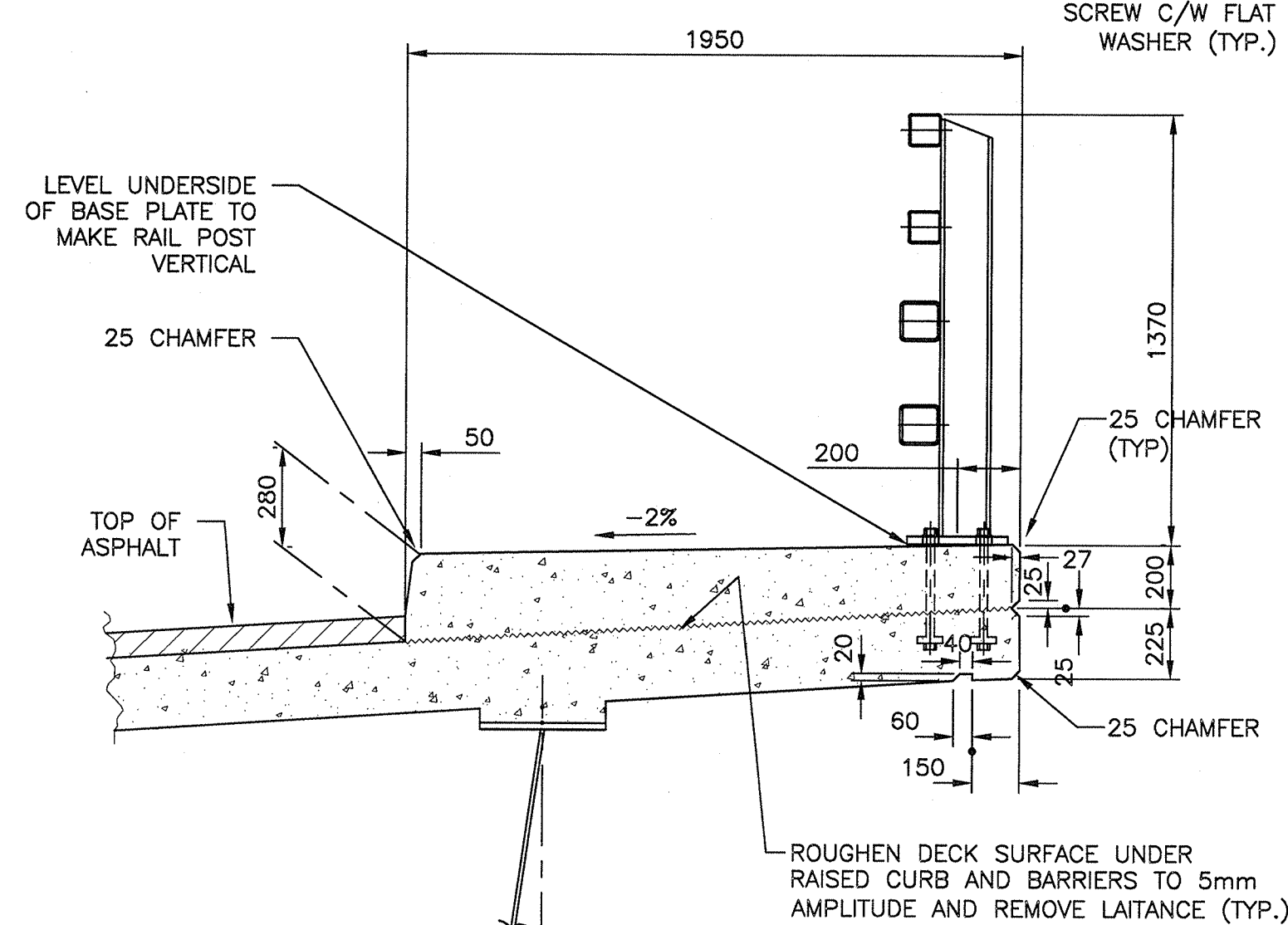
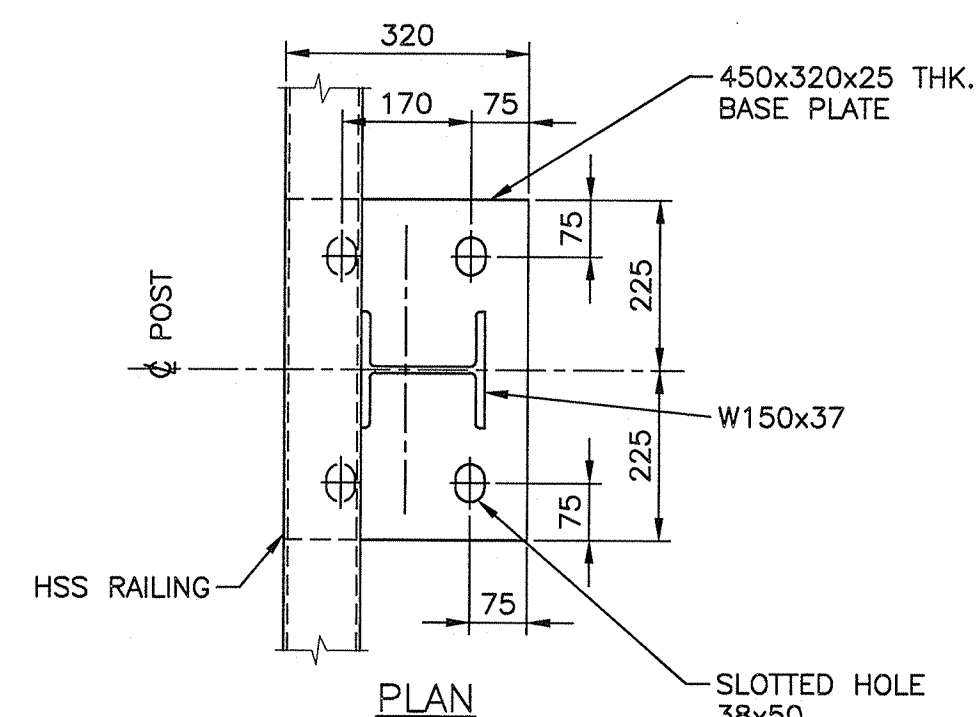


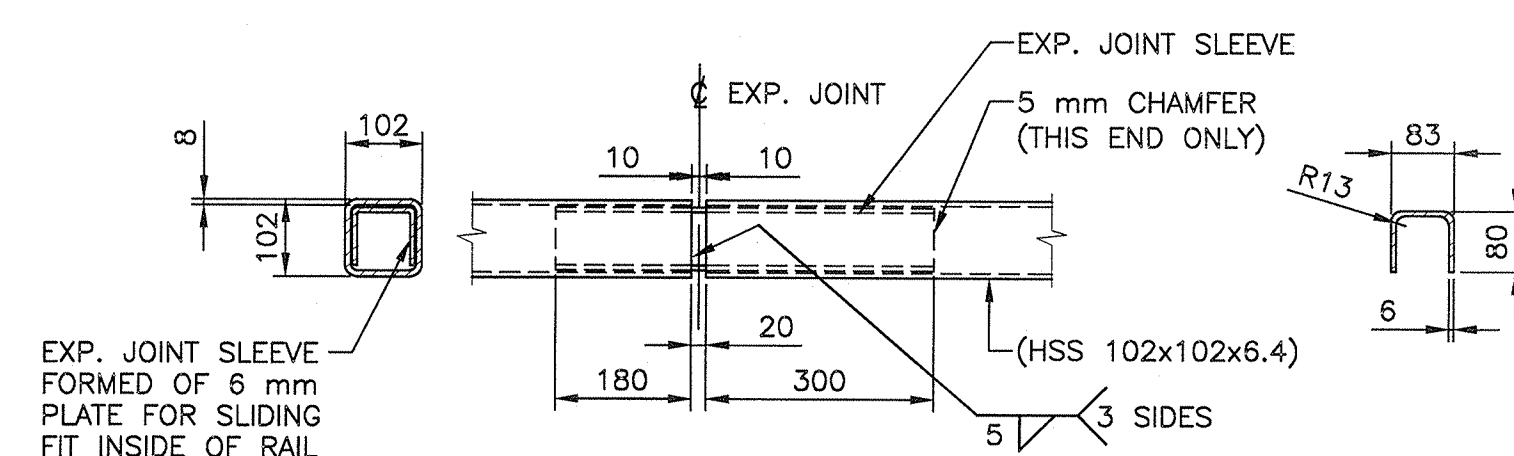
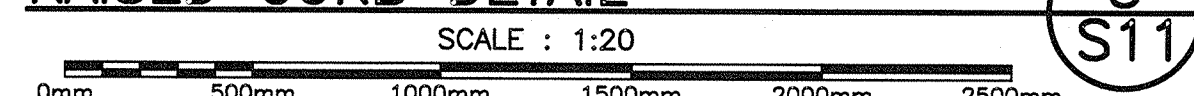
1. GALVANIZED MATING SURFACES OF EXPANSION JOINT TO HAVE UNIFORM THICKNESS NOT EXCEEDING 0.15mm TO ENSURE SLIDING FIT.
2. ELECTRODES SHALL BE LOW HYDROGEN SPECIFICATION.
3. POSTS TO BE SET VERTICAL.
4. STRUCTURAL STEEL POST AND BASE, ANCHOR AND SPLICE PLATES SHALL CONFORM TO CSA STANDARD G40.21-13, GRADE 300W.
5. HSS GUIDE RAILS SHALL CONFORM TO CSA STANDARD CAN3-G40.21-13, GRADE 350W.
6. ANCHOR RODS SHALL CONFORM TO ASTM SPECIFICATION A449 AND SHALL BE FITTED WITH MATCHING HEAVY HEX NUTS AND WASHERS.
7. THE ANCHORAGE ASSEMBLY INCLUDING BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED IN CONFORMANCE TO CSA STANDARD G164-M92 (R2003).
8. WELDING SHALL CONFORM TO CSA STANDARD W59-03 (R2008) AND SHALL BE DONE BY A WELDER QUALIFIED UNDER CSA STANDARD W47.1-09.
9. ALL MATERIALS INCLUDING HSS GUIDE RAILS, RAIL SPLICES AND FASTENERS SHALL BE HOT DIPPED GALVANIZED IN CONFORMANCE TO CSA STANDARD G164-M92 (R2003).
10. SUPPLY RAILS IN LENGTHS TO ATTACH TO NO FEWER THAN THREE RAIL POSTS.
11. PRE-BEND RAILS TO FOLLOW ROAD CURVATURE.




SCALE : 1:20

0mm 500mm 1000mm 1500mm 2000mm 2500mm

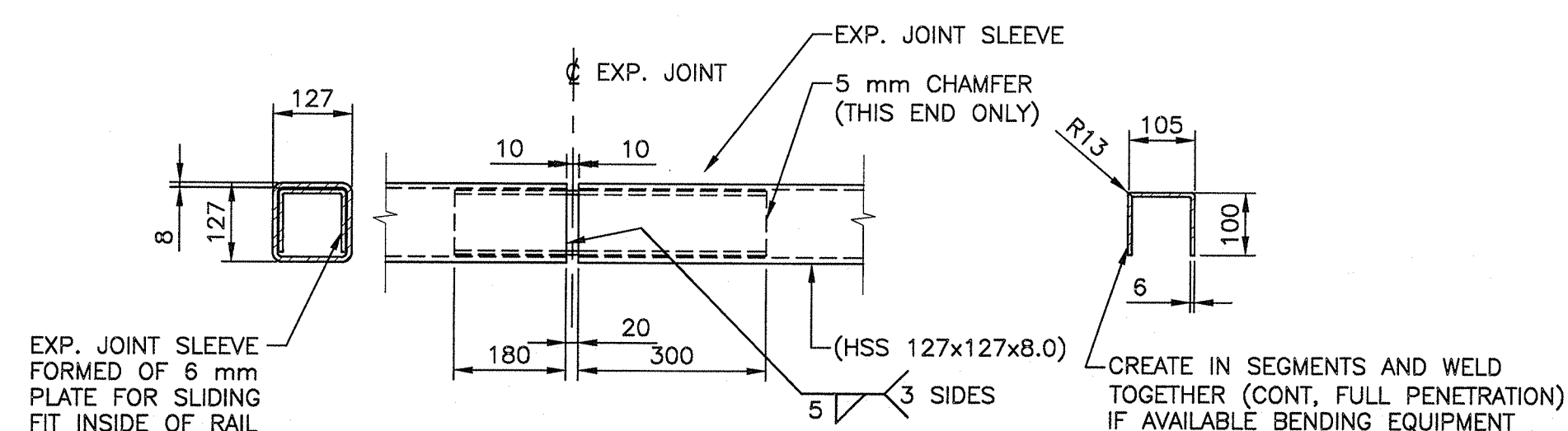
S11



SCALE : 1:10

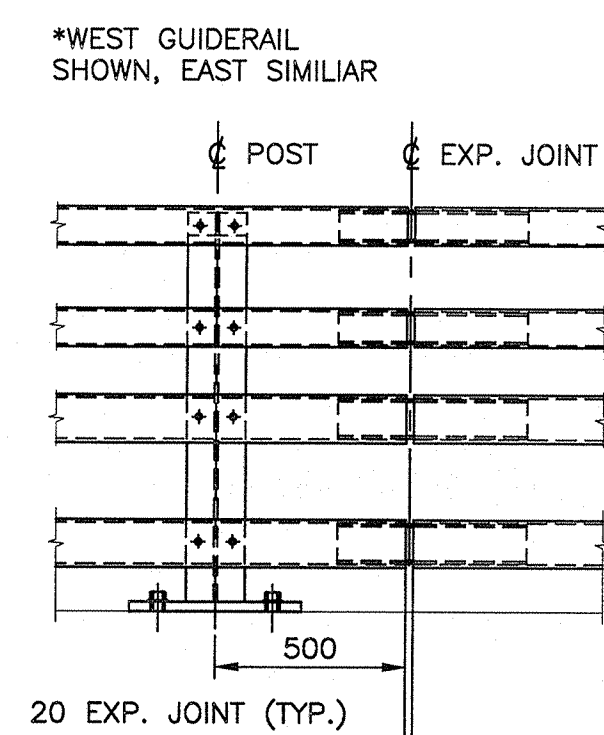


0mm 100 200 300 400 500 600 700 800 900 1000mm

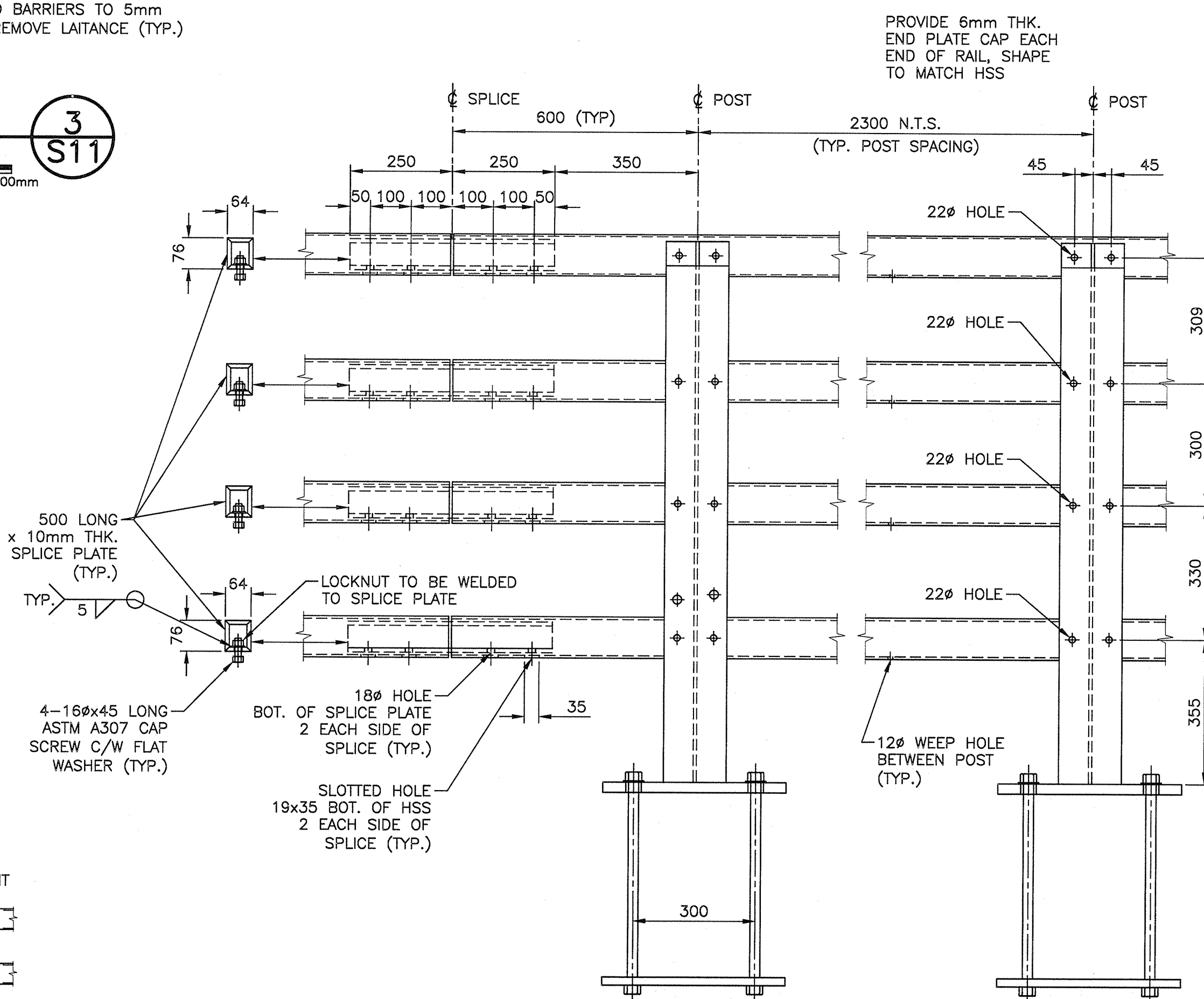
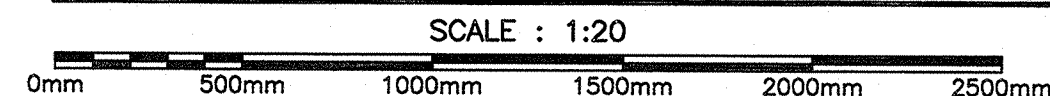


SCALE : 1:10

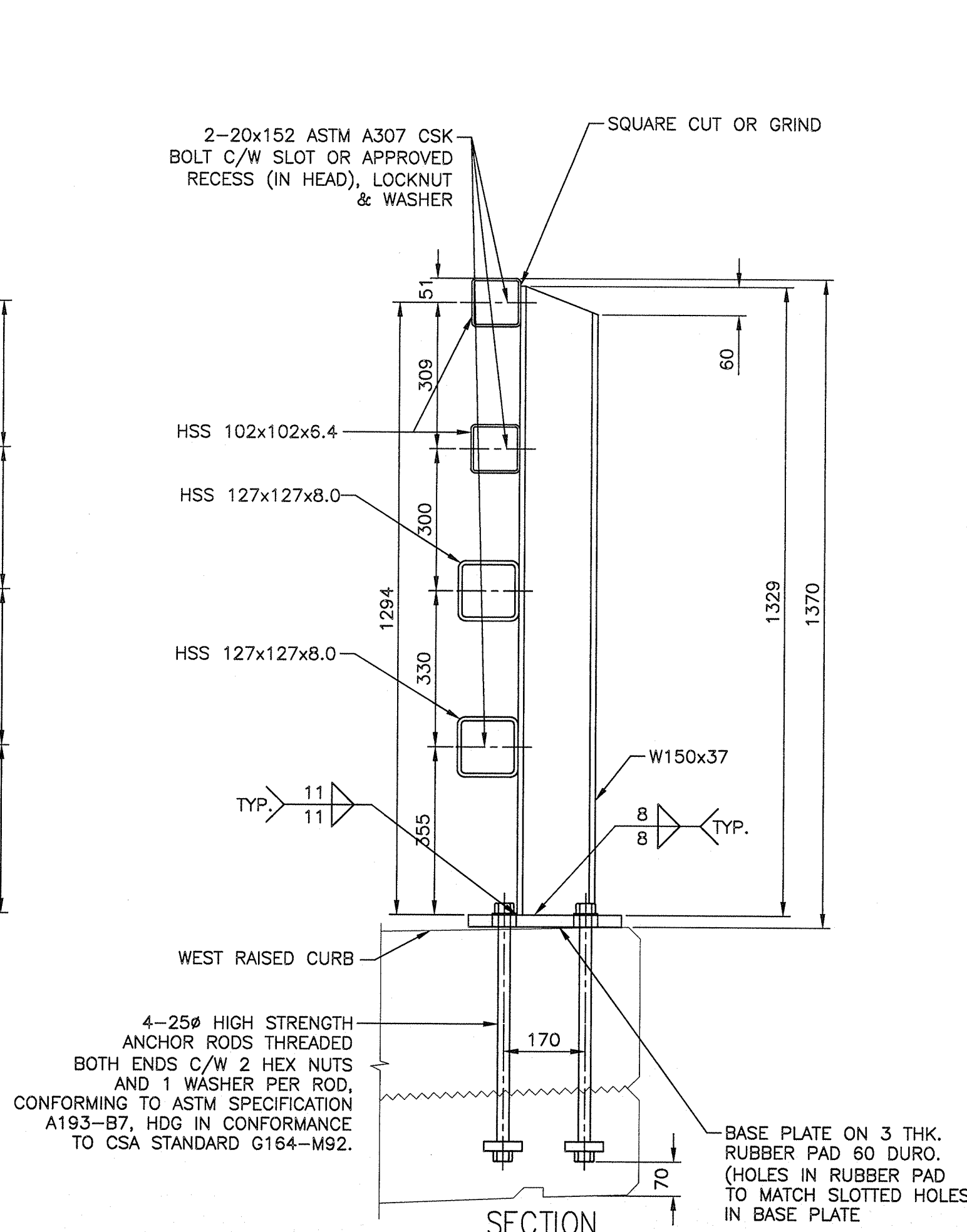
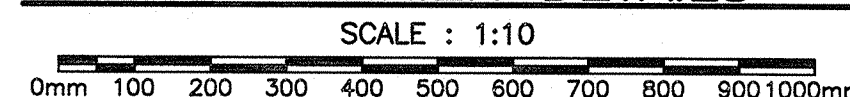
0mm 100 200 300 400 500 600 700 800 900 1000mm



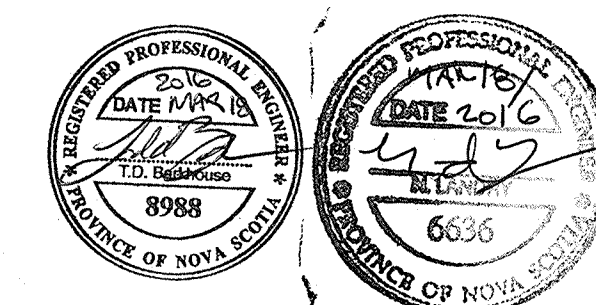
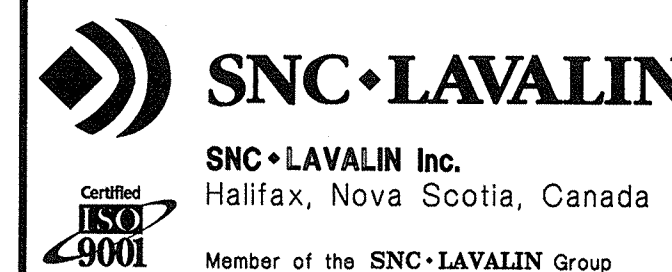
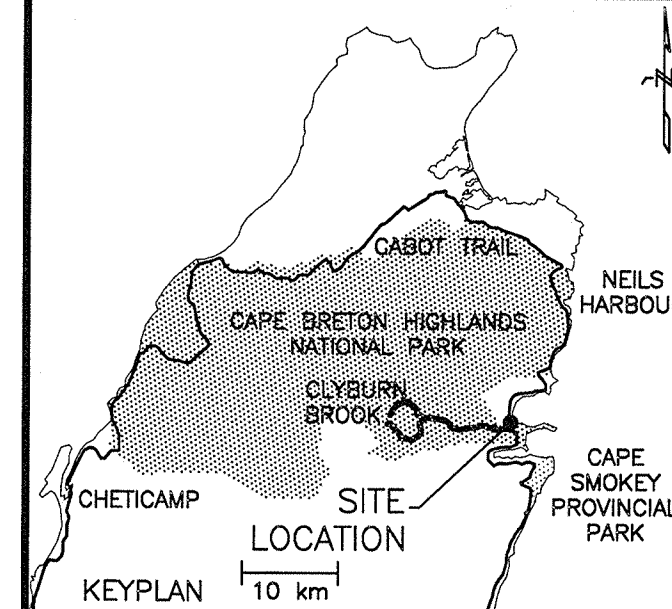
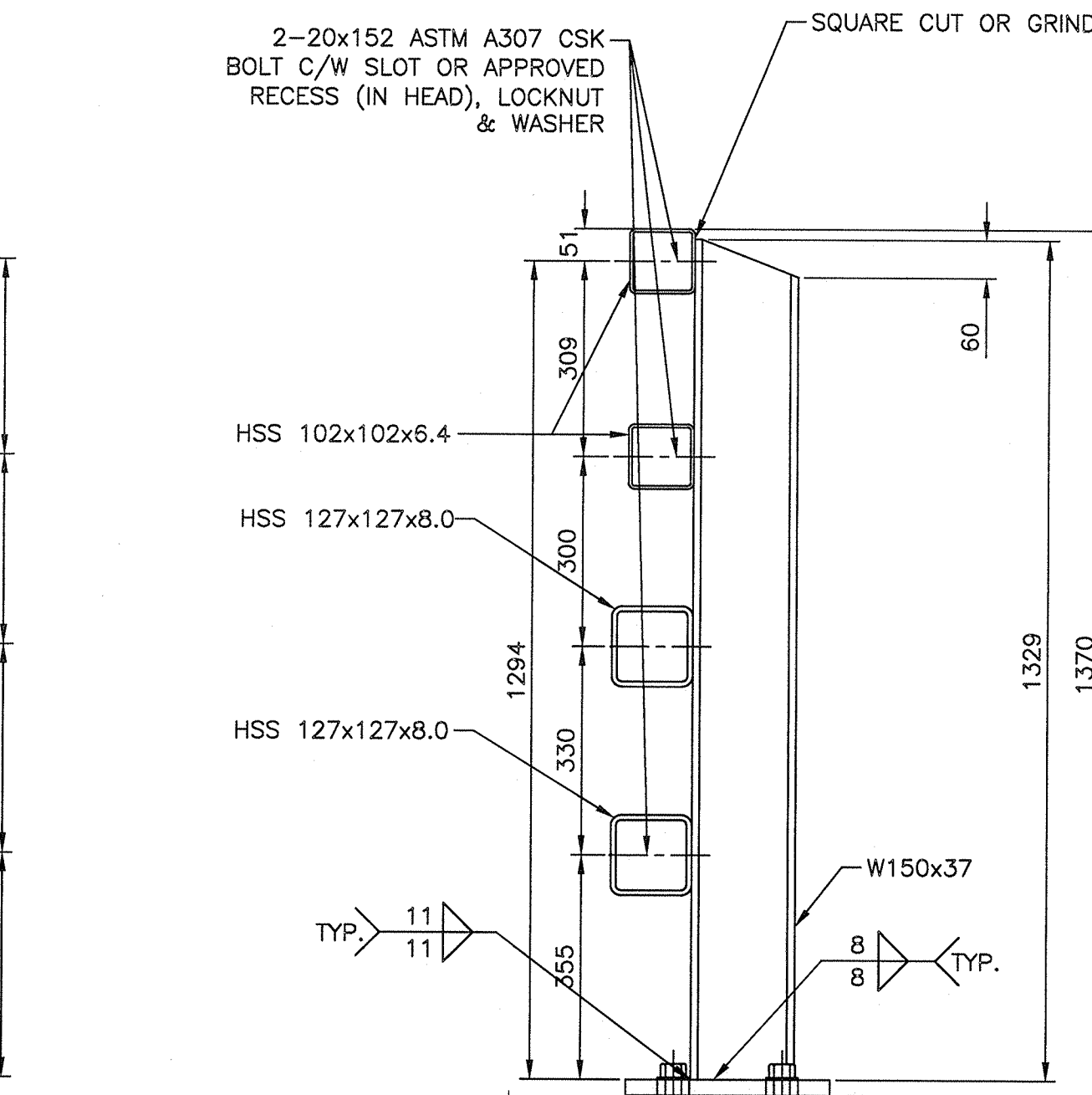
RAILING EXPANSION JOINT DETAILS



WEST BARRIER DETAILS




SECTION



C01	ISSUED FOR TENDER	MAR 1 2016
revisions		date
project		project

CLYBURN BROOK
BRIDGE REPLACEMENT
CAPE BRETON HIGHLANDS
NATIONAL PARK,
NS

CONCRETE SECTIONS
AND DETAILS
SHEET 3

designed	TDB	conqu
date		
drawn	TMB	dessiné
date		
approved	NDL	approuvé
date		
Tender	 2016. 3. 30	Soumission
TPWSC Project Manager	Administrateur de projets TPWSC	
project number		no. du projet
R.072239.001		
drawing no.		no. du dessin

S14

E-DRM/GDD-E: 280475 VERSION 1