



DETAILS OF RAILS
SCALE 1:5

DETAIL OF POST
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- NOTES:**
- STEELWORK MATERIAL TO CONFORM TO SPECIFICATIONS AS FOLLOWS:
(A) HOLLOW STRUCTURAL SECTION - G40.21M 350W CLASS C.
(B) BOLTS - A.S.T.M. A325M
(C) PLATES - G40.21M 260W.
 - ALL STEELWORK TO BE GALVANIZED AFTER FABRICATION. GALVANIZING TO BE IN ACCORDANCE WITH C.S.A. SPECIFICATION G164, TABLE 1.
 - POSTS TO BE ANCHORED TO THE PARAPET WITH 16#(5/8") GALVANIZED THREADED RODS EXPOXY GROUTED INTO 18#(3/4") DRILLED HOLES. MINIMUM EMBEDMENT 200mm. A HIGH MODULUS, LOW VISCOSITY EPOXY IS TO BE USED.
 - ON CURVED BRIDGE, RAILINGS TO BE SHOP BENT TO SUIT.

Rev	Date	Description	Init
DRAFT FOR INFORMATION ONLY			
REVISIONS			
		Ministry of Transportation & Infrastructure Bridge Engineering	
STANDARD BRIDGE PARAPET STEEL BICYCLE RAILING - WELDED			
PREPARED UNDER THE DIRECTION OF		DESIGNED _____ DATE _____	
ENGINEER OF RECORD CHIEF BRIDGE ENGINEER		CHECKED _____ DATE _____	
DATE _____		DRAWN _____ DATE 07/08/14	
FILE No.	PROJECT No.	REG. _____	DRAWING No. 2785-4