



- NOTES:
- ALL STEELWORK TO BE HOT DIP GALVANISED AFTER FABRICATION TO AS/NZS 4680 AND STRAIGHTENED AFTER GALVANISING IF REQUIRED.
  - ALL STEELWORK EXCEPT W-SECTION GUARDRAIL AND RHS TO BE GRADE S275 TO NZS 3415 OR GRADE 250 TO AS/NZS 3678 OR EQUIVALENT.
  - RHS SHALL BE GRADE C350 TO AS1163 OR EQUIVALENT.
  - NUTS OF M16 GUARDRAIL POST FIXING BOLTS TO BE TIGHTENED FINGER TIGHT THEN LOCKED WITH LOCKNUT.
  - VENT HOLES IN GUARDRAIL POSTS SHALL BE EFFECTIVELY SEALED TO PREVENT INGRESS OF WATER WITH SILICONE SEALANT (FOSROC SILAFLEX MS OR EQUIVALENT).
  - GUARDRAIL POSTS SHALL BE PLACED VERTICALLY IN THE TRANSVERSE BRIDGE DIRECTION AND NORMAL TO THE GRADE IN THE LONGITUDINAL BRIDGE DIRECTION.
  - ALL GUARDRAIL PANELS USED WILL BE 12 GAUGE (2.7MM BMT).
  - ALL EXPOSED SHARP EDGES AND CORNERS TO BE SLIGHTLY ROUNDED BY GRINDING BEFORE GALVANISING.
  - ALL WELDING TO BE IN ACCORDANCE WITH AS/NZS 1554.1
  - DRYPACK MORTAR TO BE IN ACCORDANCE WITH NZS 3109.
  - USE OF 10MM DIA. BOLTS FOR POST ADJUSTMENT IS OPTIONAL.
  - IF THE GAP BETWEEN BASE PLATE AND DECK SURFACE IS MORE THAN 35MM. A STEEL SHIM PLATE SHALL BE ADDED BELOW THE BASEPLATE, SO THAT THE MORTAR THICKNESS IS WITHIN THE LIMITS SHOWN.
  - TO BE READ IN CONJUNCTION WITH NZTA DRAWING B1.

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0		ORIGINAL ISSUE			

DRAWING NUMBER	REFERENCE DRAWINGS

NAME	DATE
DRAWN LG	16-11-2015
CHECKED SE	16-11-2015
APPROVED LG	
SCALE	N.T.S. @ A3
ISSUE FOR	INFORMATION ONLY

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PROJECT	TITLE
INGAL CIVIL PRODUCTS PART No.	NZTA FLEXBEAM W-BEAM GUARDRAIL SURFACE MOUNT CONFIGURATIONS

DRAWING No.	Rev.
GR-STDNZ-060	0