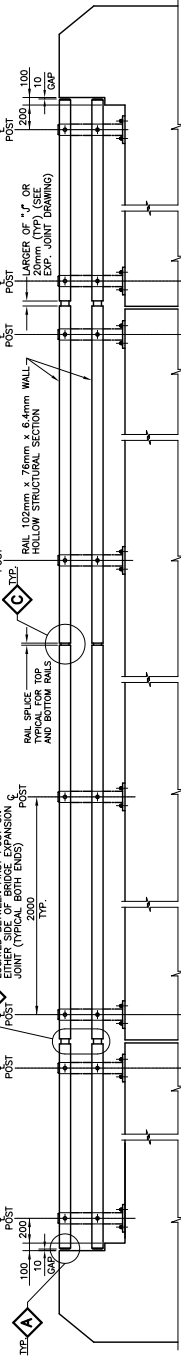
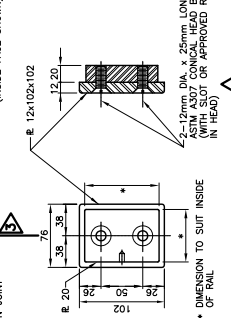


METRIC
DIMENSIONS ARE IN METRES
AND/OR MILLIMETRES
UNLESS OTHERWISE SHOWN



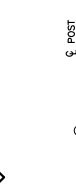
ELEVATION
(INSIDE FACE SHOWN)



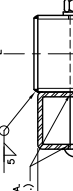
END CAP DETAILS



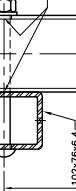
BASE PLATE
PLAN



EXPANSION JOINT ASSEMBLY



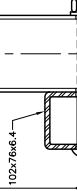
EXPANSION JOINT SLEEVE



RAIL SPLICE DETAIL



FRONT ELEVATION



NOTES:

- THIS STANDARD TO BE READ IN CONJUNCTION WITH SS110-42.
- RAIL ELEMENTS AND POSTS SHALL BE FOLLOW STRUCTURAL SECTIONS GRADE 350W, CLASS C.
- RAIL SHALL BE SUPPLIED WITH SPLICE IN LENGTHS OF 7315 mm (EXCLUDING SPLICE) EXCEPT AS NOTED.
- GAUZZING ON MATING SURFACES OF RAILS TO HAVE TO ENSURE SLIDING FIT. EXCEEDING 0.15 mm.
- POSTS AND RAILS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
- POST AND ANCHORAGE TO INCLUDE ALL BOLTS AND WASHERS.
- END CAP TO INCLUDE SST SELF TAPPING FASTENERS.
- BOLTS, NUTS AND WASHERS FOR FASTENING STEEL RAILING TO POSTS SHALL BE HOT DIP GALVANIZED.
- ALTERNATE RAIL CAPS MAY BE USED WITH APPROVAL OF ENGINEER.
- RAILS SHALL BE PRESENT TO FOLLOW ROAD CURVATURE WHERE RADIUS IS LESS THAN 150 METRES.
- RAIL POSTS SHALL BE SET PERPENDICULAR TO GRADE.
- WHERE LAYOUT OF POSTS IS NOT SHOWN, POST LOCATION SHALL BE DETERMINED BY THE CONTRACTOR.
- RAIL MAY BE CUT AS REQUIRED IN FIELD. CUT TO BE SURFACE TREATED WITH ZINC RICH PAINT.
- WHEN CONNECTING TO EXISTING RAILING, RAIL MUST BE SECURED TO EXISTING RAILING BY SPACING DETERMINED WITH REFERENCE TO EXISTING POSTS.
- GROUT SHALL NOT BE USED UNDER BASE PLATES.
- HOLES FOR HSS RAILINGS SHALL BE DRILLED IN FIELD.

* LENGTH FOR HSS RAIL WITH SPLICE GIVEN IN TABLE DOES NOT INCLUDE 300 mm PROTRUSION OF SPLICE TUBE

ITEM	NO. (LINEAR REQ'D)	LOCATION
POST WITH TOP CAP AND ANCHORAGE		
END CAP		
HSS 102x76x6.4 WITH SPLICE (7315 mm LG)		
HSS 102x76x6.4 WITH HOLES (7315 mm LG)		
HSS 102x76x6.4 WITH SPLICE (7315 mm LG)		

STANDARD DRAWING JULY 2015	SS110-40
TWO TUBE RAILING ON PARAPET - PL1	

REFER TO 1.1.8 IN THE STRUCTURAL MANUAL FOR PROFESSIONAL ENGINEER STAMPING REQUIREMENTS.

DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

DATE BY
DESIGN STD
DRAWN

CHK
SITE
STRUCT
SCHEME
DWG