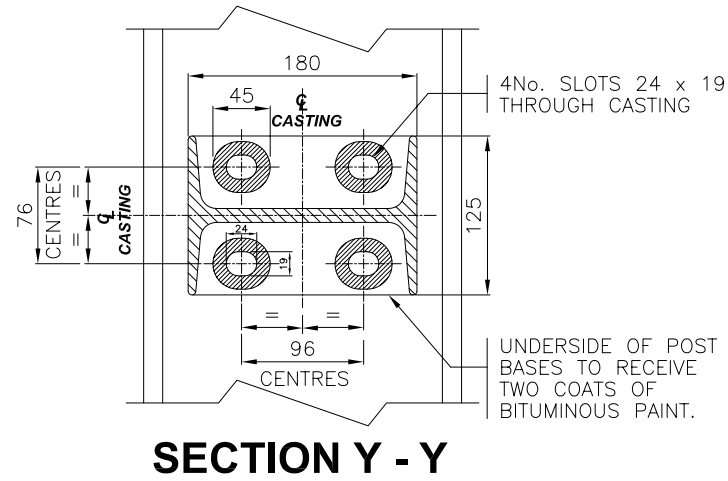
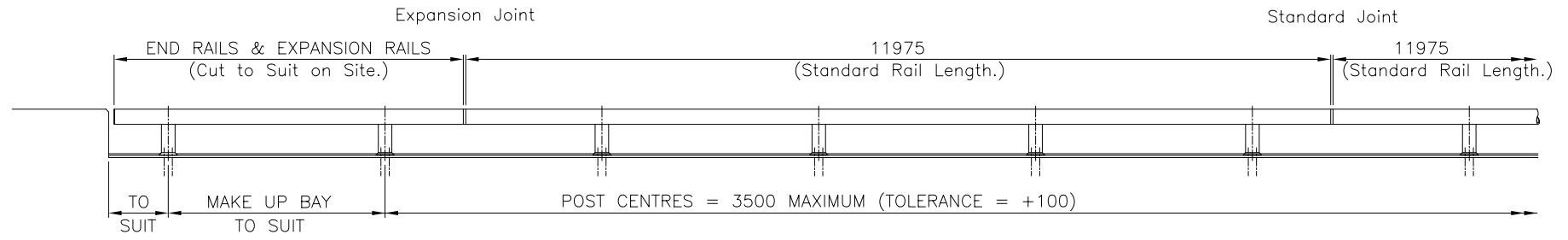


SECTION X - X

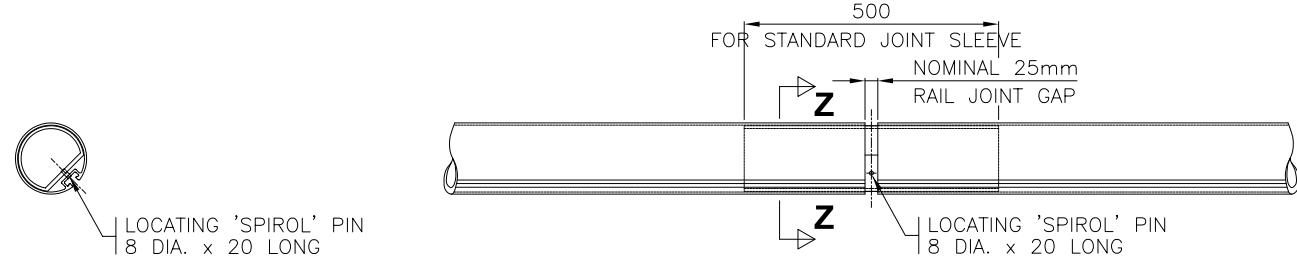


SECTION Y - Y

- ① RAIL SECTION (140 DIA)
- ② RAIL CLAMP BAR 120mm LONG WITH 2No. M12 THREADED HOLES THROUGH.
- ③ CAST POST.
- ④ M12x35mm LONG STAINLESS STEEL SET SCREWS TO BS.6105 GRADE A4 CLASS 80 C/W M12 STAINLESS STEEL PLAIN WASHERS FORM 'C' AND M12 STAINLESS STEEL SPRING WASHER TYPE 'B'.
- ⑤ HOLDING DOWN BOLTS ARE M16x70mm LONG HEXAGONAL HEAD STAINLESS STEEL SET SCREWS TO BS.6105 GRADE A4 CLASS 80 C/W M16 STAINLESS STEEL PLAIN WASHER FORM 'C' AND M16 POLYPROPYLENE 'TOP HAT' WASHER FITTED BETWEEN TOP OF BASEPLATE AND UNDERSIDE OF STAINLESS STEEL WASHER.



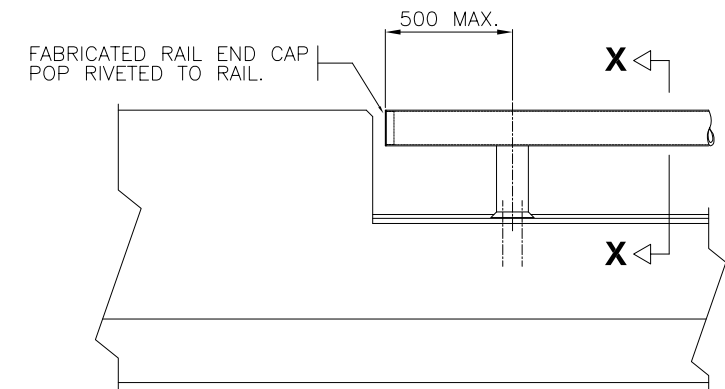
TYPICAL ELEVATION ON PARAPET.



SECTION Z - Z

NOTE: FOR BRIDGE EXPANSION JOINTS UPTO 250mm EXPANSION JOINT SECTION LENGTH = 750mm LONG

DETAIL OF RAIL JOINT



DETAIL OF RAIL END AT ABUTMENT

NOTES:

MATERIALS:

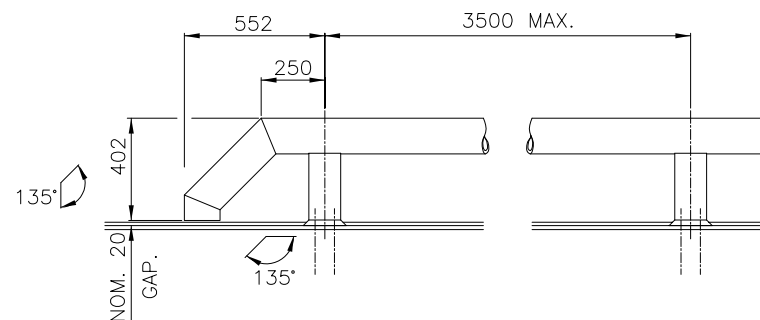
CAST POSTS TO ALUMINIUM ASSOCIATION ALLOY A444-T4.
 ALL EXTRUDED SECTIONS TO ALUMINIUM ALLOY 6082 TF TO BS.1474.
 PLATES TO ALUMINIUM ALLOY 6082 TF TO BS.1470.

DESIGN:

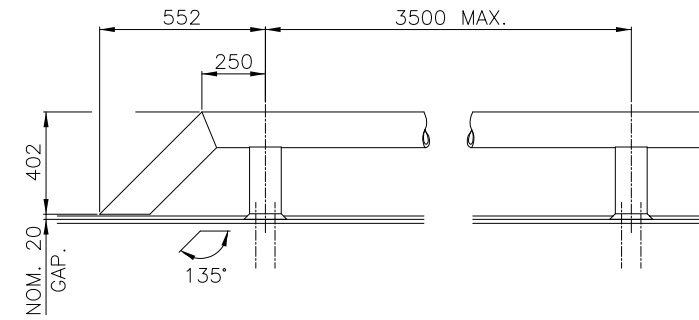
SYSTEM DESIGNED TO AASHTO SPECIFICATION FOR COMBINATION RAILING BUT WITH MODIFIED HEIGHT AND 50/3 kN HIGHWAY DESIGN LOADING.

SUPPLY:

SUPPLY ANCHORAGE UNITS, 11,975m RAILS, CAST POSTS, STANDARD JOINT SLEEVES, SPECIAL EXPANSION JOINT SLEEVES (IF REQUIRED) AND END CAPS TO SUIT THE CONTRACTORS REQUIREMENTS.



ELEVATION AT 'SPECIAL RAIL END' ALTERNATIVE No.1.



ELEVATION AT 'SPECIAL RAIL END' ALTERNATIVE No.2.

Rev	Date	By	Description

MANUFACTURING TOLERANCES.
 TOLERANCES AS SHOWN UNLESS STATED OTHERWISE.
 DIMENSIONS. TOLERANCES.
 GREATER THAN 1000mm. ± 2mm
 LESS THAN 1000mm. ± 1mm
 ANGULAR DIMENSIONS. ± 0°15'

NOTE: ALL ACCUMULATIVE TOLERANCES ARE TO BE CONTAINED WITHIN THE OVERALL TOLERANCE.

SITE ERECTION TOLERANCES.
 WILL VARY TO SUIT SITE CONDITIONS.

ALL STANDARDS QUOTED ARE DEEMED CURRENT AT THE DATE THE DRAWING IS ISSUED FOR APPROVAL, UNLESS OTHERWISE STATED.

THIS DRAWING TO BE USED ONLY WITH
 W/O.No. _____
 DRAWING TO BE RETURNED TO DRAWING OFFICE ON COMPLETION OF WORK.

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 e-mail: info@MDSbarriers.com

SCALE	DATE	JULY 2005
DRN	R.A.COOTE	CHK
TITLE	STANDARD DETAILS OF MDS-155-VG SINGLE RAIL PEDESTRIAN PARAPET	
DRAWING NUMBER	MDS-VG 155	