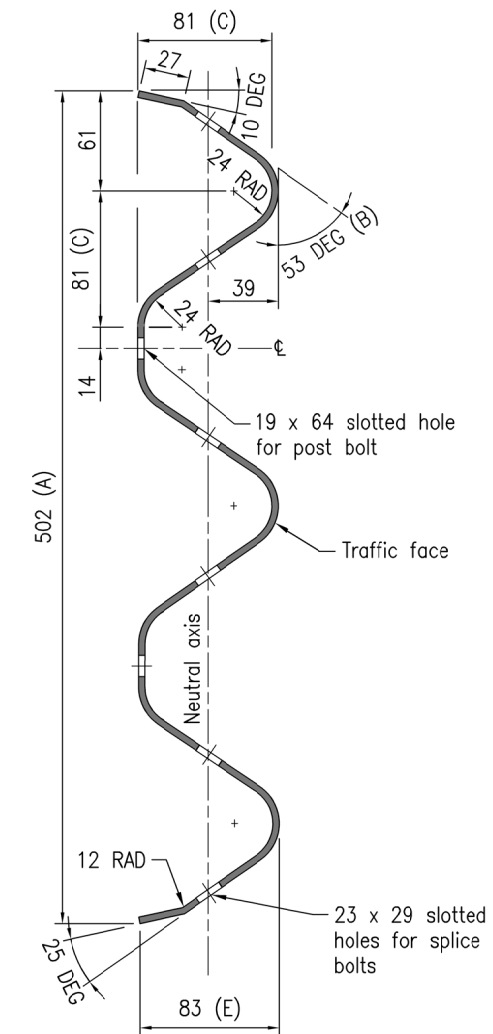
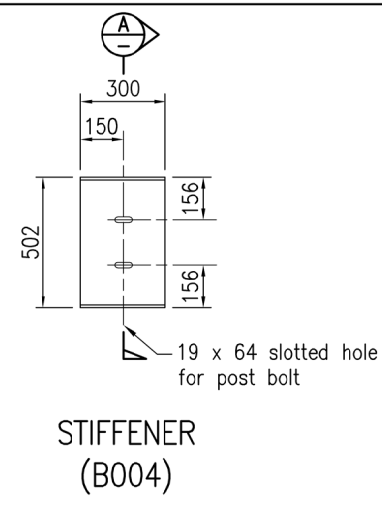
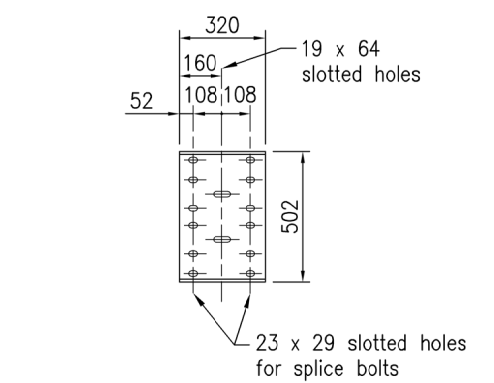
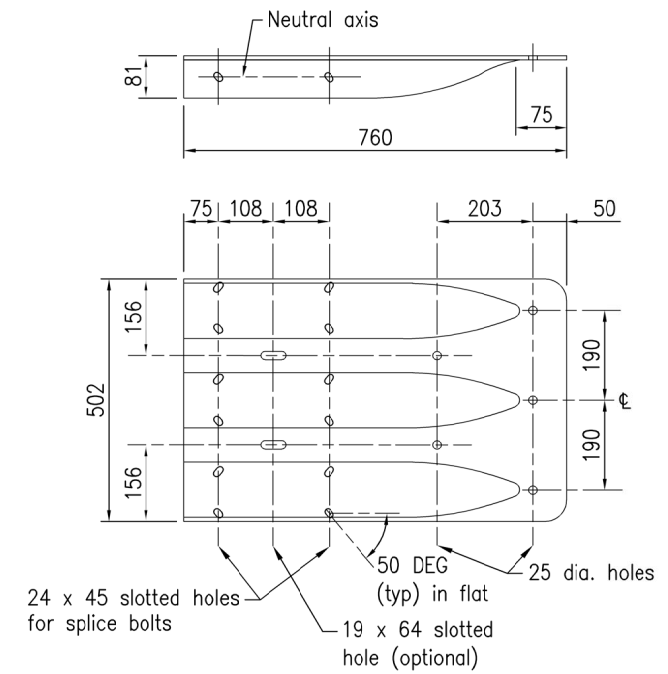


\* Profile linework omitted for clarity



SECTION A (Position of Slotted Holes Shown are indicative only)

TOLERANCES	
(A)	+8mm -0mm
(B)	+3 DEG -0 DEG
(C)	+2mm -0mm
(D)	+2mm -2mm
(E)	+4mm -0mm



NOTES:

- RAILS AND RAIL COMPONENTS are from 2.7 BMT Grade HA350 steel to AS/NZS 1594, treated to AS 1627 and hot dip galvanized to AS/NZS 4680 after fabrication. Flame cutting rails and rail components is not permitted. Rails and rail components to be stamped 350/2.7 BMT (or similar). BMT = Base Metal Thickness.
- TRANSITION RAIL element is used as the transition section between the W Beam and the Thrie Beam barrier rail. Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including it's appearance and accepted manufacturing practices.
- TERMINAL CONNECTORS are used to attach Thrie Beam to rigid barriers/structures. Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including it's appearance and accepted manufacturing practices.
- Tolerances and Dimensions as per AS/NZS 3845 or unless noted otherwise.
- DIMENSIONS are in millimetres unless shown otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:  
Standard Drawings Roads Manual  
Main Roads Specifications and Technical Standards Manual

REFERENCED DOCUMENTS:  
Departmental Standard Specifications:  
MRTS14 Road Furniture

Australian Standards:  
AS/NZS 1594 Hot-Rolled Steel Flat Products  
AS 1627 Metal Finishing - Preparation and Surfaces  
AS/NZS 3845 Road Safety Barrier Systems  
AS/NZS 4680 Hot-Dip Galvanized (Zinc) Coatings Ferrous Articles

This drawing shall not be used on new projects or installations within the TMR network, except when designing a connection to concrete barriers.

Department of Transport and Main Roads		<p>Queensland Government</p>	<p>© The State of Queensland (Department of Transport and Main Roads) 2013 http://creativecommons.org/licenses/by/3.0/au</p>
STEEL BEAM GUARDRAIL			
FABRICATION DETAILS FOR THRIE BEAM RAILS AND RAIL COMPONENTS		Not to Scale	1481
			Date 3/2021
A	B	C	D