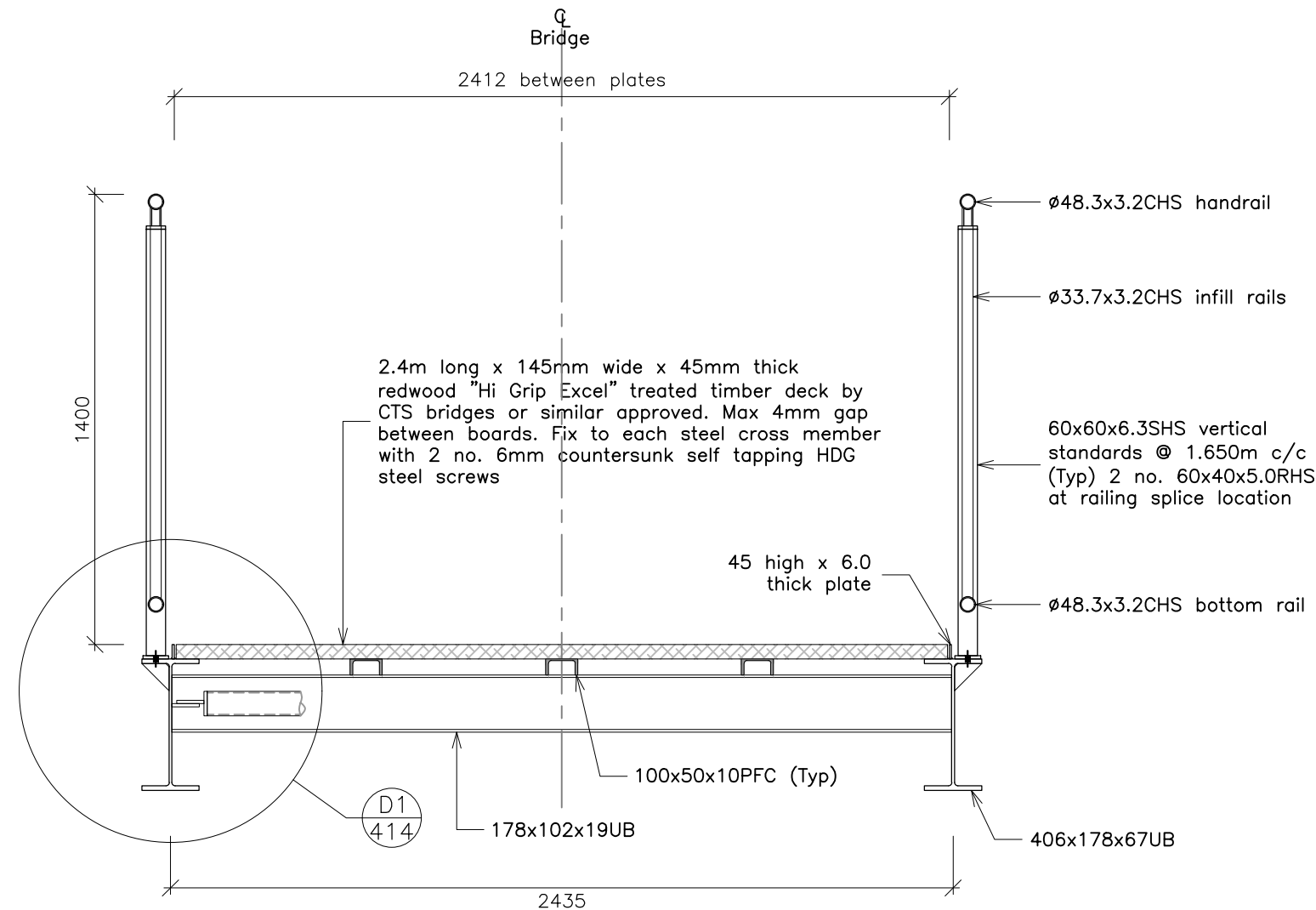
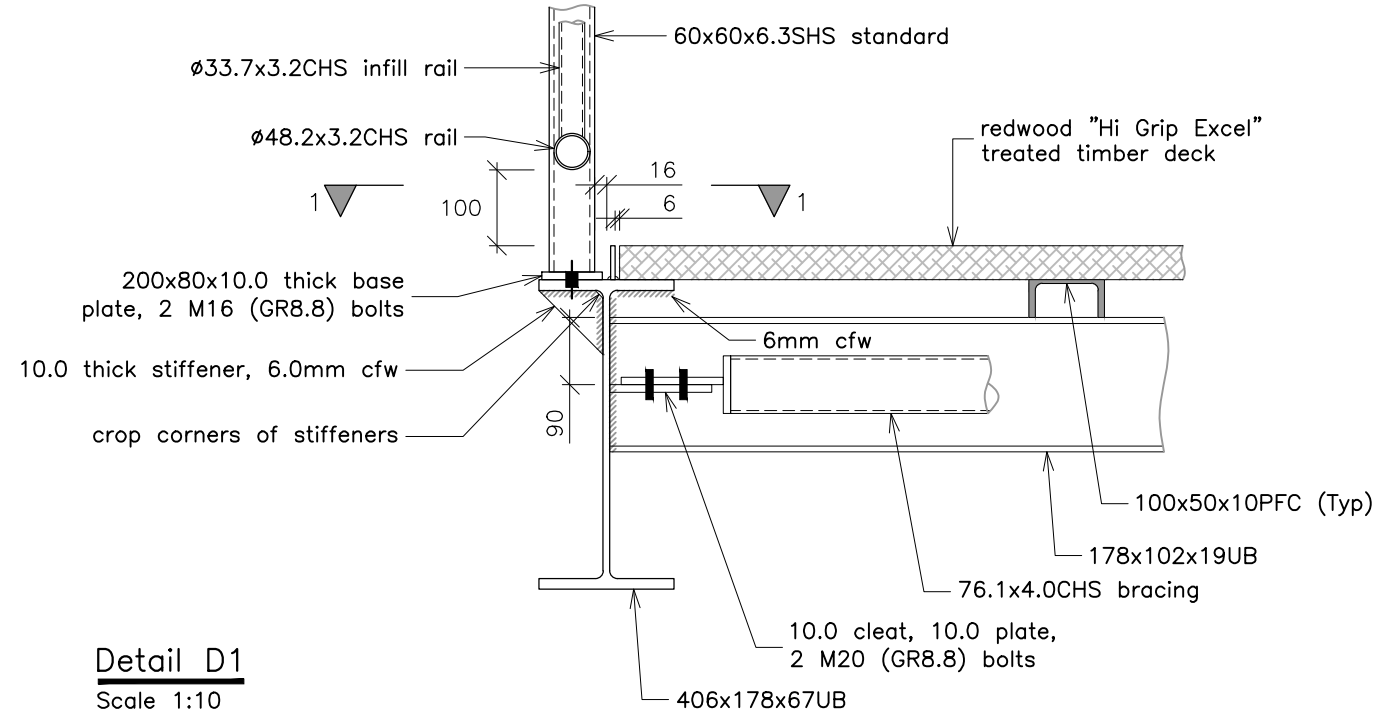
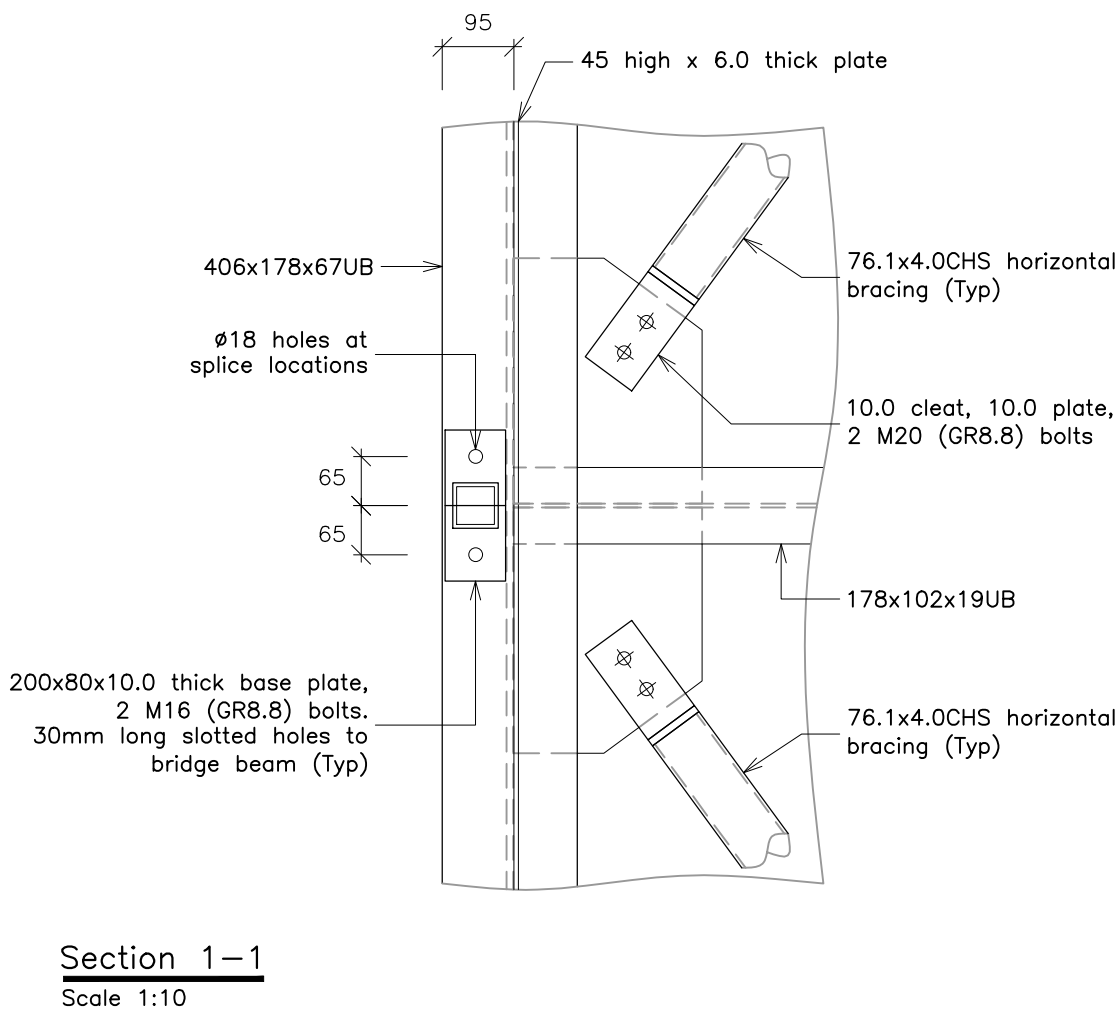




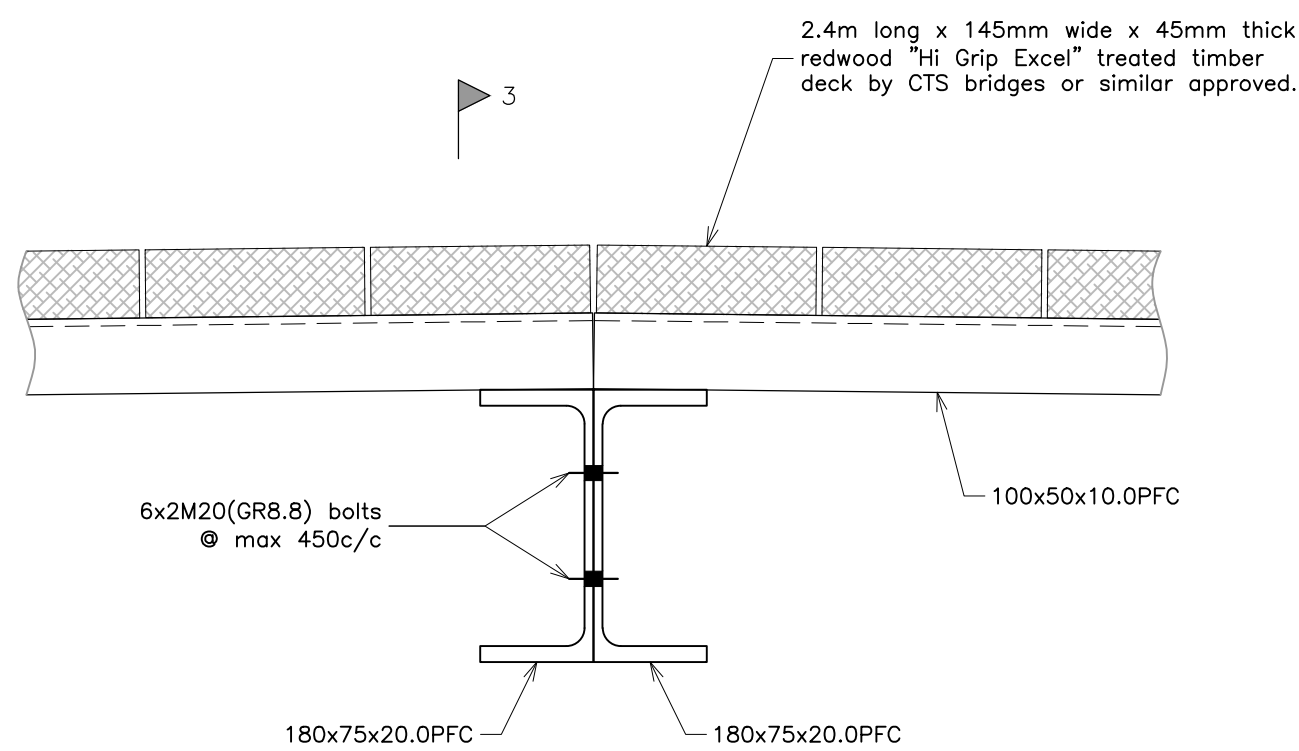
Bridge Cross Section A-A
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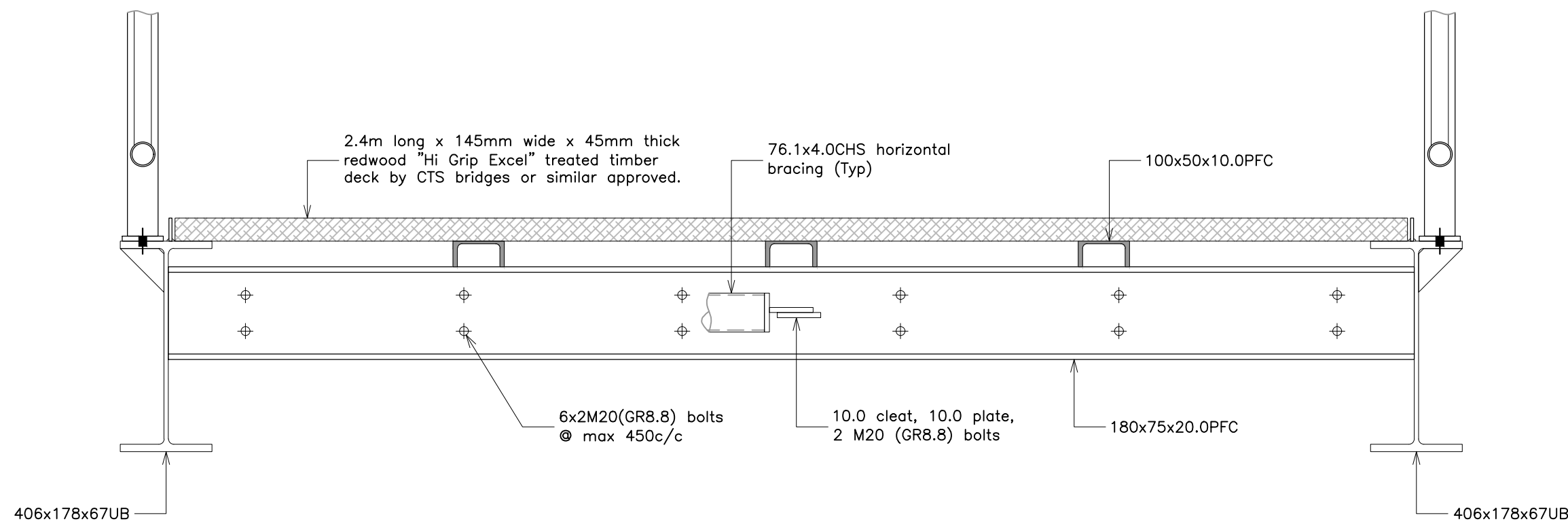
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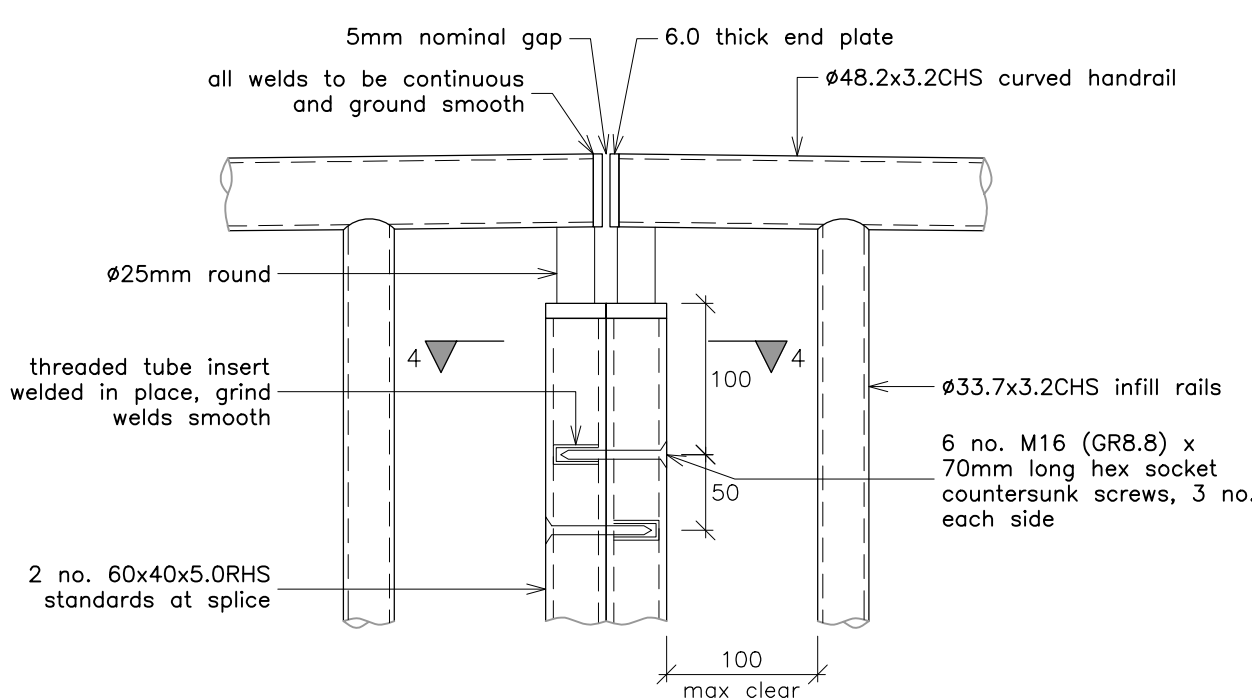
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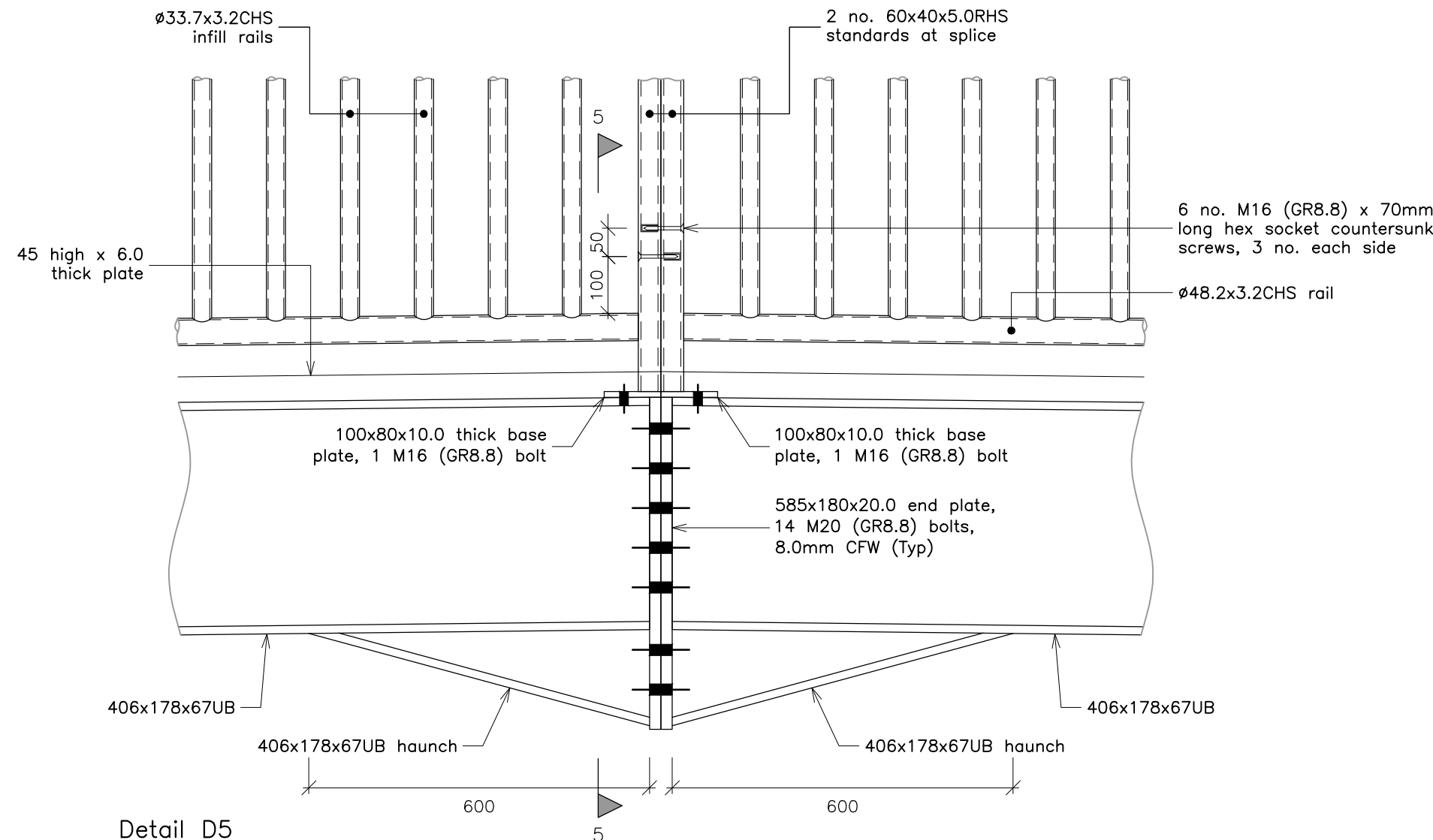
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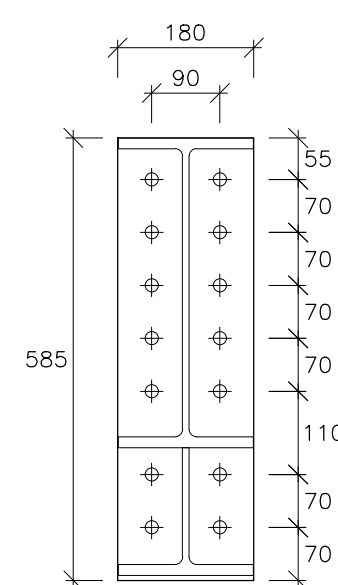
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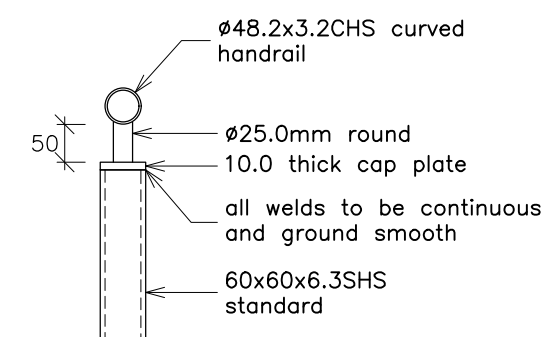
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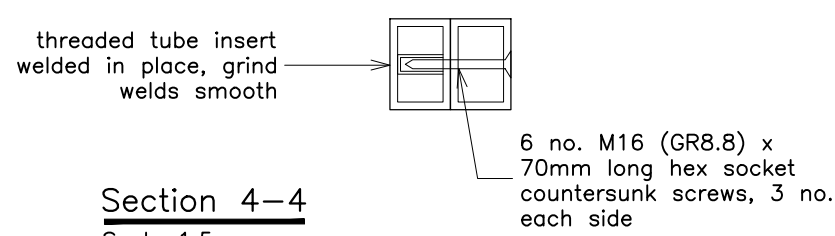
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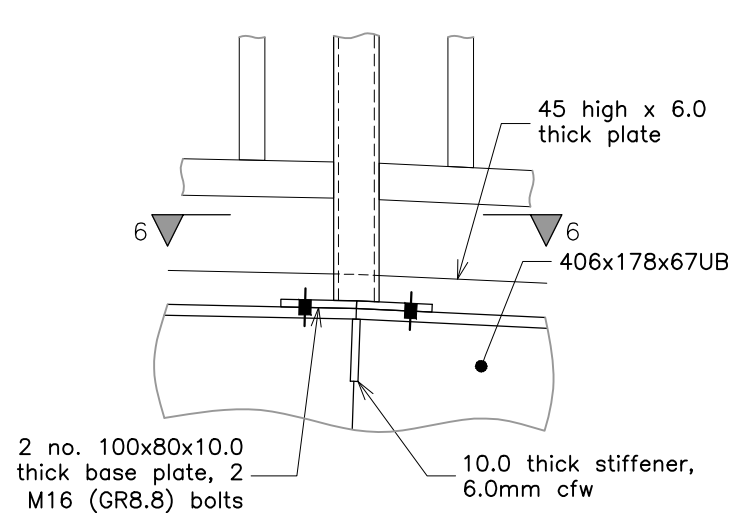
Section 5-5
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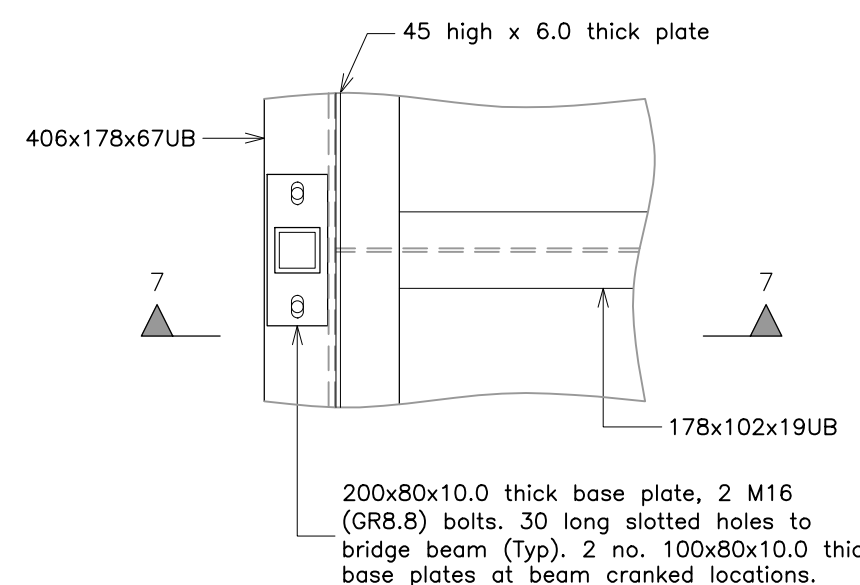
Typical Handrail to 60x60x6.3SHS Standard Detail
Scale 1:10



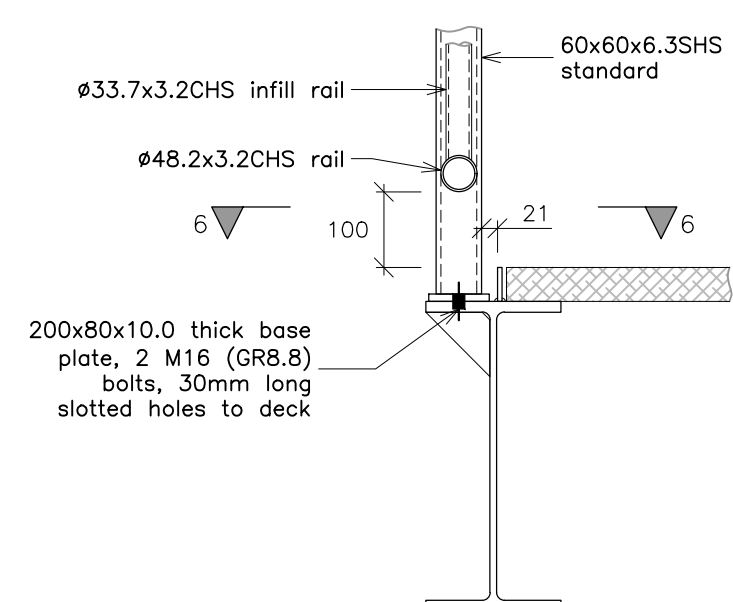
Section 4-4
Scale 1:5



Detail D6
Scale 1:10



Section 6-6
Scale 1:10



Section 7-7 - Typical 60x60x6.3SHS Standard to Deck Detail
Scale 1:10

Notes:

- All dimensions are in millimetres – figured dimensions to be taken in preference to scaled dimensions.
- All levels are in metres and relate to Ordnance Datum (Main Head)

Steelwork Notes:

- All structural steelwork shall be carried out in accordance with IS EN 1993: Eurocode 3, MRG specification and the National Structural Steelwork Specification (NSSS). Contractor to ensure a copy of the above documents are available at all times in the fabrication shop and on site.
- All open sections shall be hot finished Grade S355 JR to IS EN 10025.
- All steel plates shall be hot rolled grade S275 J0 to IS EN 10025.
- All steel hollow sections shall be hot finished grade S355 J2H to IS EN 10210.
- All new steelwork to be blast clean to SA 2.5, following by chemically cleaning and hot dipped galvanised finish to IS EN ISO 1461. Complete all cutting, drilling and welding prior to galvanising. Vent holes shall be to the underside of all hollow sections. Seal vent holes with non-ferrous plugs after galvanising. Ref Specification Clause G10/630.
- Bolts shall be grade 8.8 to BS EN 4014, galvanised to BS 7371 part 1 & 6.
- Welds shall be a minimum 6mm (throat thickness) continuous fillet, unless otherwise shown. Welding in accordance with IS EN 1011 and the NSSS.
- Anchor/ holding down bolts shall be grade 8.8 material to BS 7419 unless stated otherwise on the drawings. All base plates shall be set on minimum 25mm high-strength non-shrink grout. Two nuts shall be fitted to all anchor/ holding down bolts.
- All anchors (mechanical & chemical) to be installed in strict accordance with manufacturer's instructions.
- The steelwork contractor shall submit fully checked and detailed fabrication drawings to the engineer for approval a minimum of 10 working days before fabrication is due to commence. Submitted shop drawings for approval must be signed or initialed as checked. No fabrication shall commence until approval of the shop drawings is received and until all comments have been incorporated.
- Steelwork contractor shall be responsible for lifting, slinging and temporary stability of all steelwork framing until such time that all permanent members are in place and secured.

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Issue	Date	Revisions	Drawn	Checked	Approved
T1	22.06.26	ISSUED FOR TENDER	DM	CS	CS



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MRG Consulting Engineers Limited **Civil Structural Architectural Environmental**

Project BALLYSEEDY WOOD AMENITY TRAIL PHASE: 3		
Drawing BRIDGE STRUCTURE NO.3 BRIDGE DECK SECTIONS & DETAILS		
Drawn D.Moriarty	Project No. 126001	Drawing No. 126001-414
Date 22.06.2026		
Scale As Shown @ A1		