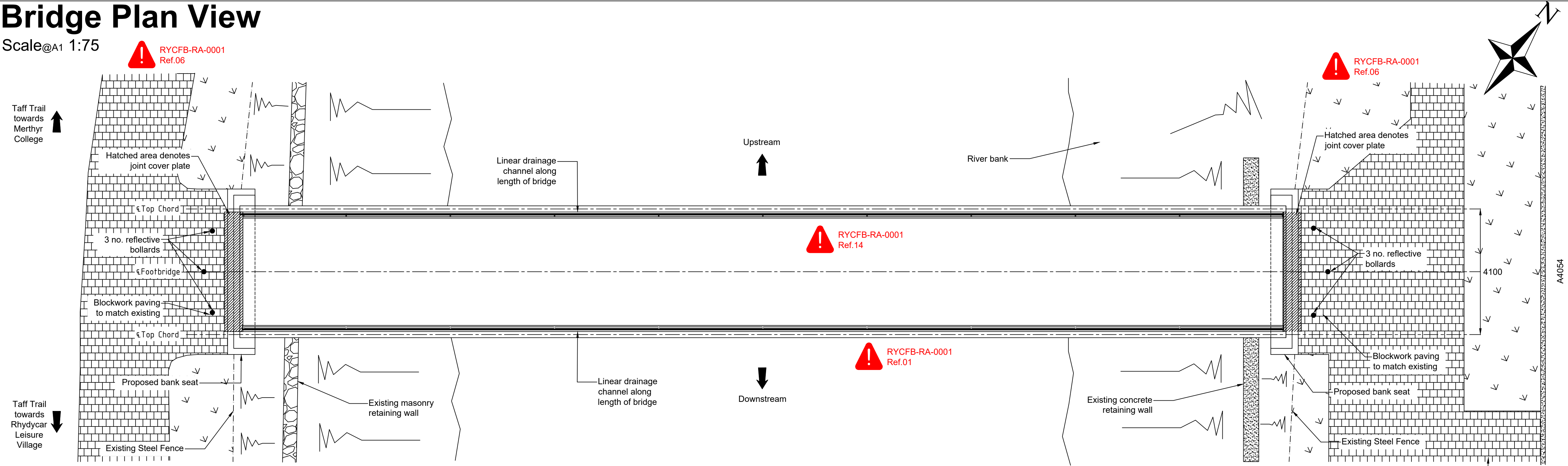


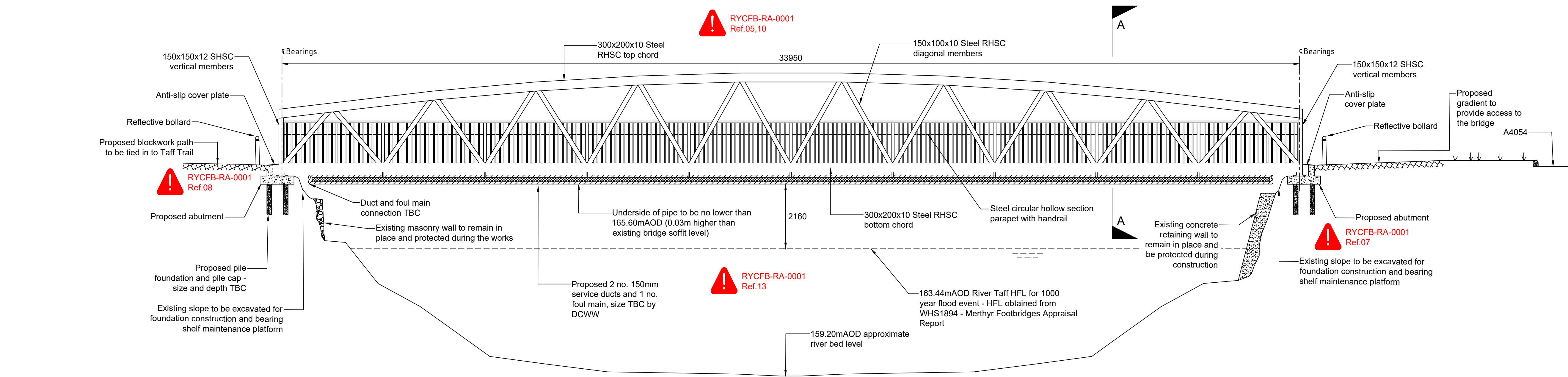
Bridge Plan View

Scale@A1 1:75



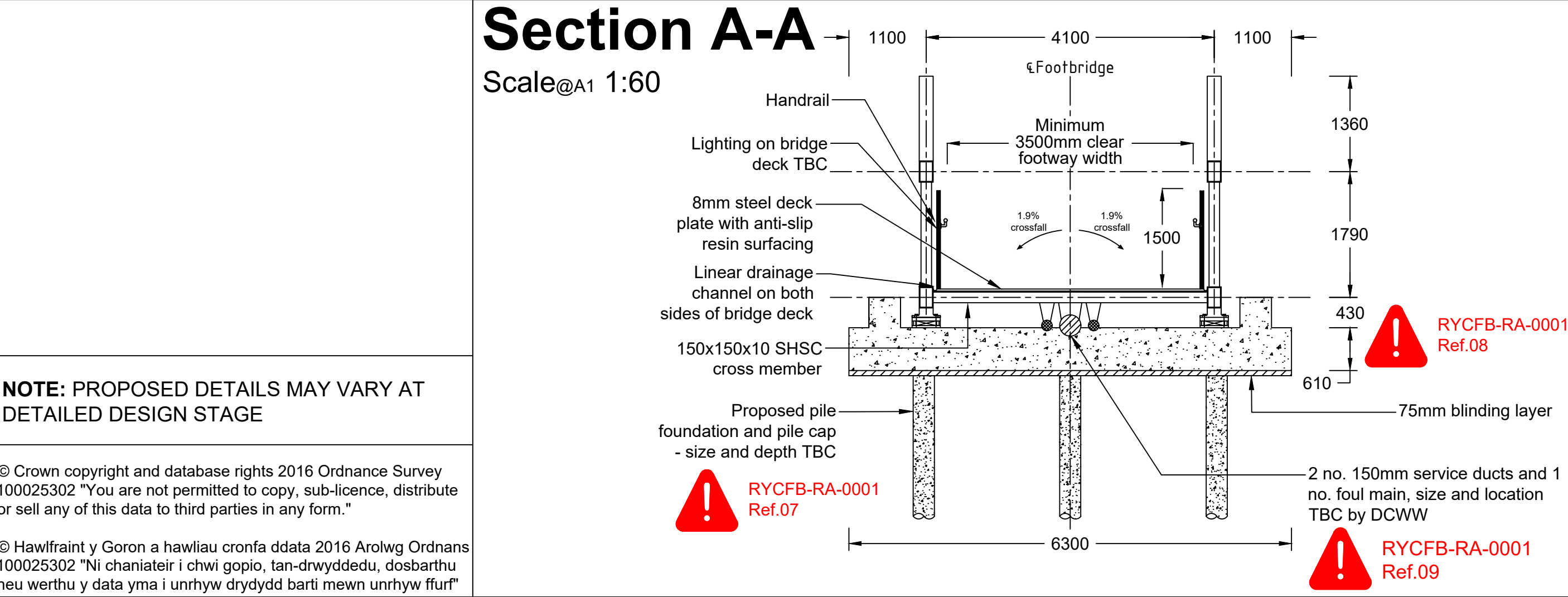
Elevation View

Scale@A1 1:75



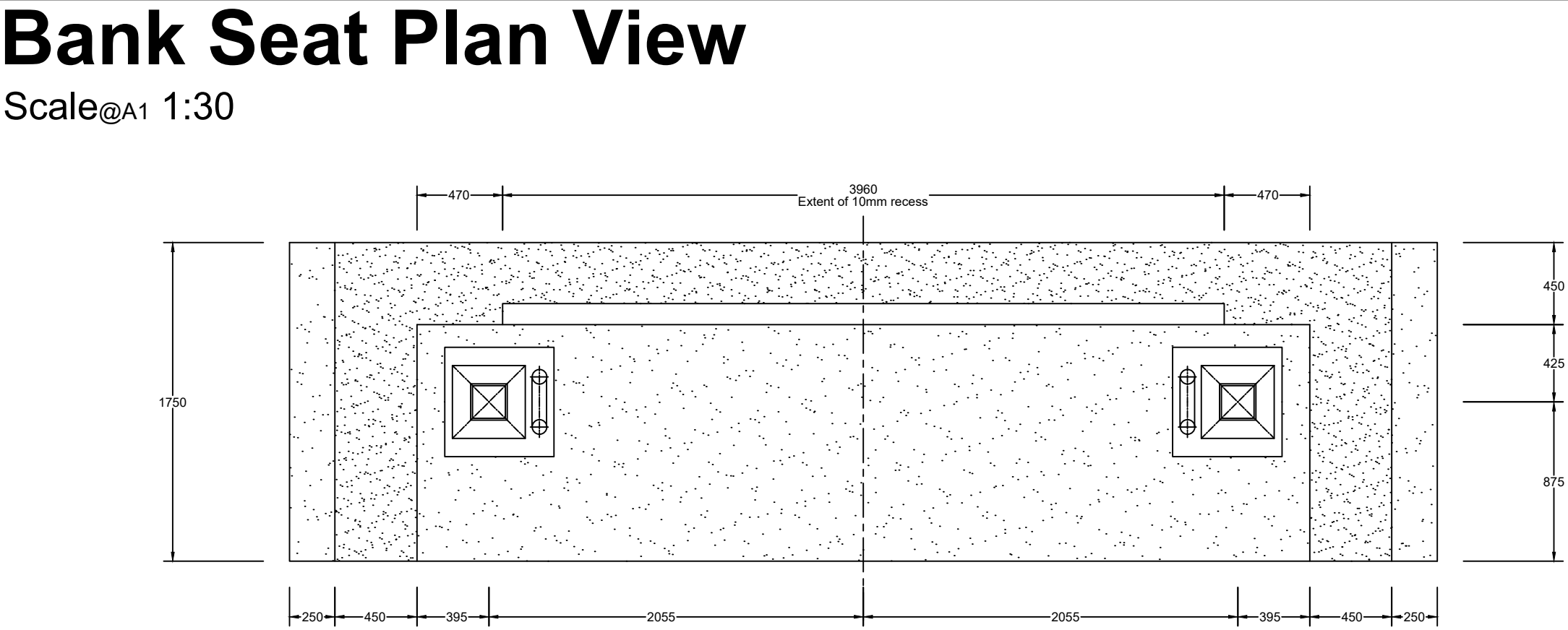
Section A-A

Scale@A1 1:60



Bank Seat Plan View

Scale@A1 1:30



Rev.	Amendment	Date	Drawn	Ch'd

- NOTES**
- All works are to be undertaken in accordance to the "Specification for Highway Works", published by the Stationary Office as Volume 1 of the Manual of Contract Documents for Highway Works, as modified and extended by the Works Information.
 - This drawing is to be read in conjunction with Drawing No. RF21-001-LP-02, RYCFB-MTC-01-RA-0001, as well as other scheme drawings and relevant asset information
 - This drawing is for information only and is not to be used for construction.
 - The proposed details may vary when final design is undertaken.
 - All dimensions are approximate and are given in millimetres unless stated otherwise. Do not scale from the drawing. All levels and chainages are given in metres unless otherwise stated.
 - The contractor shall carry out the topographical survey prior to construction works commencement to confirm structure setting out points and founding levels.
 - The Contractor shall carry out a full utilities search prior of commencing any work.
 - The Contractor shall carry out a detailed survey to confirm existing dimensions and levels prior to commencement of any excavation/demolition/construction work is started and prior to ordering of any structural elements or components.
 - The manufacturers' instructions regarding use, installation, care etc. of products shall be strictly adhered to unless stated to the contrary by the Employer with the approval of the TAA.
 - Measures shall be incorporated in the proposed superstructure to prevent trespass along the sides of the footbridge.
 - All RHS/SHS sections to be Grade S355J2H in accordance with BS EN 10210. All other structural rolled sections to be Grade S355J2 in accordance with BS EN 10025. All plates are to be Grade S355J2 in accordance with BS EN 10025. Welding shall be in accordance with BS EN 1090. All joints to be welded unless otherwise noted.
 - Steel deck plate to receive anti-skid Bimagrip surfacing with 1-3mm Bauxite aggregate dressing or similar in accordance with the SHW.
 - All bolts are to be high strength friction grip unless noted otherwise.
 - All steelwork shall be painted to a coating system complying with SHW series 1900 with life to first major maintenance in excess of 20 years.
 - Handrails shall have slip resistant matt finish to reduce glare level and increase visibility. Ends of the handrails to be smooth shaped and curved downward (150mm).
 - Elastomeric bearings shall be designed by bearing manufacturer, based on the design forces provided by the designer, in accordance with BS EN 1337.
 - All concrete shall be designed and specified in accordance with BS 8500-1&2:2006 and MCHW series 1700.
 - All concrete in contact with the ground shall be specified in accordance with BRE special Digest No.1:2005-Concrete in aggressive ground, if appropriate. Concrete classes and mix references should be read in conjunction with Appendix 17/1 of the Works Information. Structural concrete - Mix Ref. C40/50, Exposure class - XC3/4, XD1, XF2 in accordance with Appendix 17/1.
 - Concrete Finishes. a). Formed Surfaces indicated thus - F2. b). Unformed Surfaces indicated thus - U2
 - All exposed arises shall have 25x25 chamfer unless otherwise dimensioned. Cover to reinforcement shall be maintained for all chamfers.
 - Steel Reinforcement. (Complying with BS 8666:2005): a) Reinforcement shall be grade B500B to BS 4449:2005. b) Reinforcement shall be cut and bent to BS 8666:2005. c) Cover to reinforcement shall be 60 mm unless stated otherwise and comprised of the following: Minimum cover (45 mm) + Fixing Tolerance (15 mm Δc).
 - All buried concrete surfaces to be waterproofed to Clause 2004 of MCHW.
 - Abutments to be waterproofed using a permitted waterproofing system in accordance with MCHW SWW Clause203 and in accordance with the requirements of CD358.
 - Backfill behind abutment walls shall be Class 6N/6P to the SHW. Any soft spots found at foundation formation level to be excavated and replaced with lean mix concrete under the pile cap.
 - Gullies to be installed on either side of the deck on the approaches to drain of surface water.

FOR INFORMATION ONLY



MERTHYR TYDFIL
COUNTY BOROUGH COUNCIL
ENGINEERING DIVISION

UNIT 5
TRIANGLE BUSINESS PARK
PENTREBACH
MERTHYR TYDFIL
CF48 4TQ

PROJECT TITLE: Rhydycar Footbridge Replacement			
Rhydycar Merthyr Tydfil			
DRAWING TITLE: General Arrangement (DRAFT)			
DRAWN: AP		APPROVED: PJ	
CHECKED: PJ		DATE: 12/11/21	SCALE: --
PROJECT NO.: RF21		DRAWING NO.: 002-GA-01	REV.: 01

NOTE: PROPOSED DETAILS MAY VARY AT DETAILED DESIGN STAGE

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