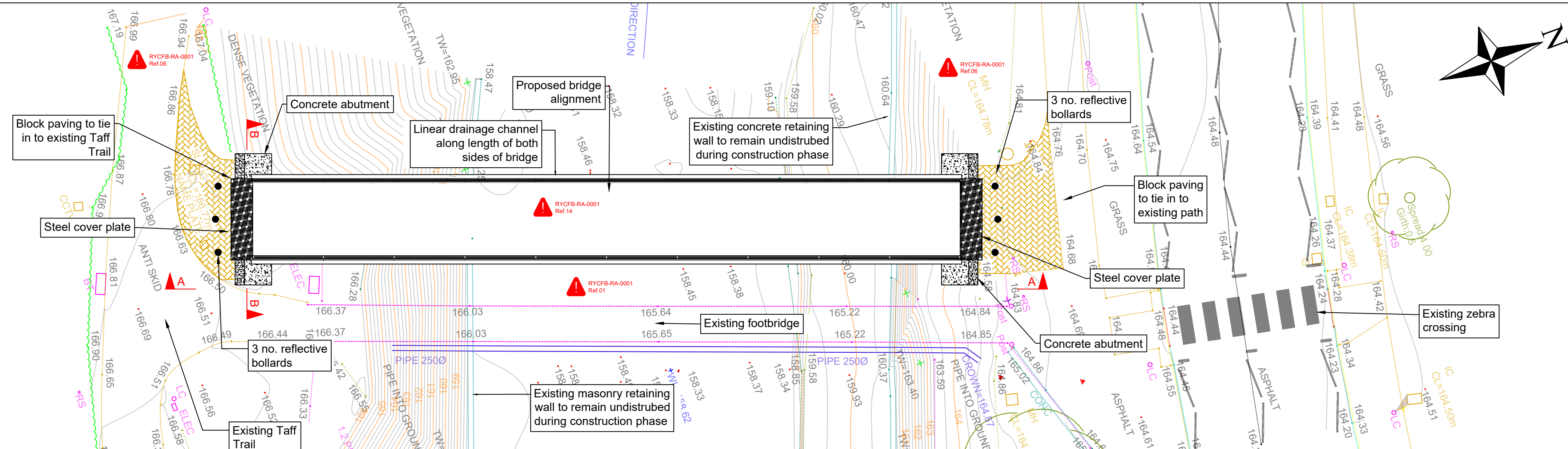


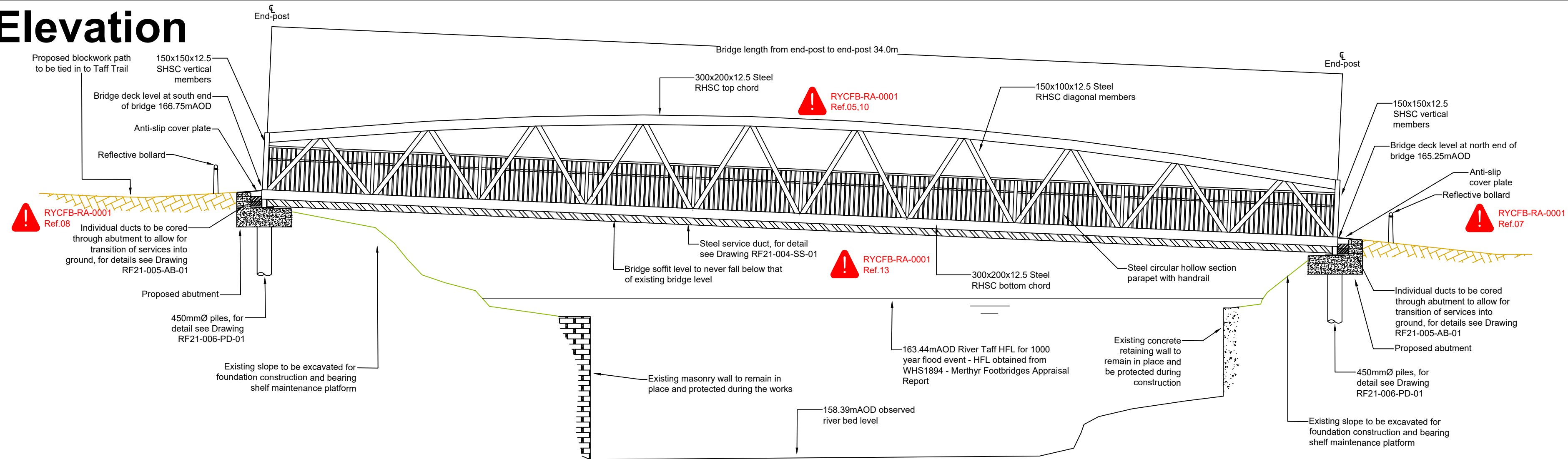
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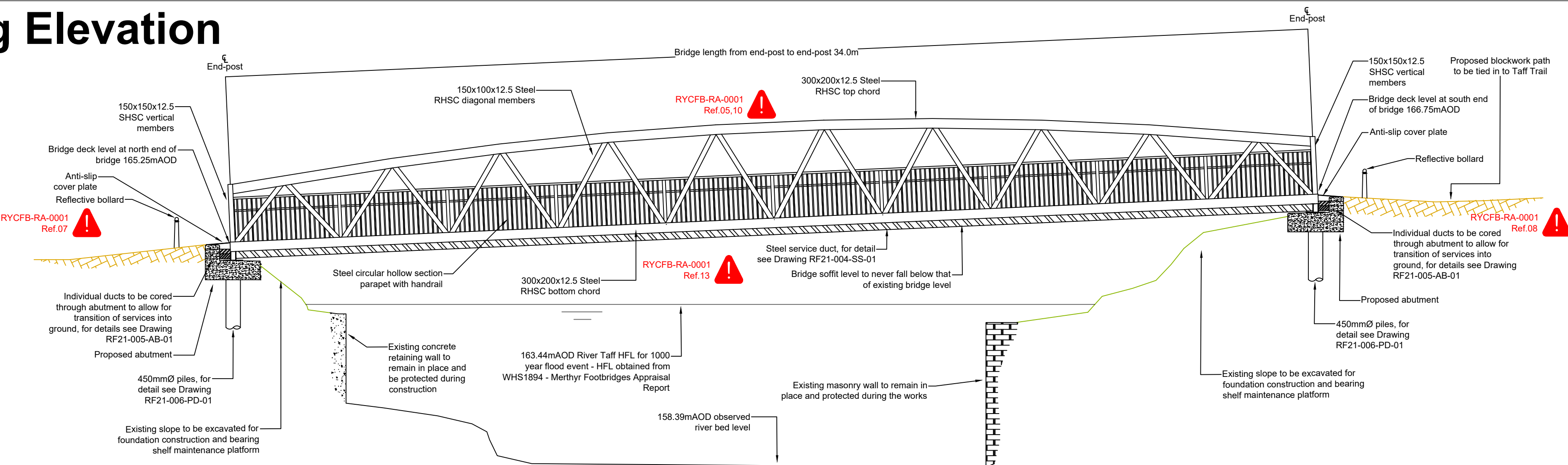
NOTES

1. 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.
2. 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
3. Topographic levels are indicative of existing topography unless stated otherwise and may not necessarily be reflective of proposed levels upon completion of construction.
4. 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.
5. The contractor shall carry out the topographical survey prior to construction works commencement to confirm structure setting out points and founding levels.
6. The Contractor shall carry out a full utilities search prior of commencing any work.
7. 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.
8. 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.
9. Measures shall be incorporated in the proposed superstructure to prevent trespass along the sides of the footbridge.
10. All RHS/SHS sections to be Grade S355J27 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.
11. Steel deck plate to receive anti-skid Binagrip surfacing with 1-3mm Bauxite aggregate dressing or similar to high strength friction grip unless noted otherwise.
12. All bolts are to be high strength friction grip unless noted otherwise.
13. 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.
14. Handrails shall have slip resistant mat finish to reduce glare level and increase visibility. Ends of the handrails to be smooth shaped and curved downward (150mm).
15. Elasticmeric bearings shall be designed by bearing manufacturer, based on the design forces provided by the designer, in accordance with BS EN 1337.
16. All concrete shall be designed and specified in accordance with BS 8500-1&2:2006 and MCHW series 1700.
17. 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 cover and mix references should be read in conjunction with Appendix 17/11 of the Works Information Structural Concrete - Mix Ref. C40/S50, Exposure class - XC3/34, XD1, XF2 in accordance with Appendix 17/1.
18. Concrete Finishes. a) Formed Surfaces indicated thus - F2 b) Unformed Surfaces indicated thus - U2
19. All exposed areas shall have 25x25 chamfer unless otherwise dimensioned. Cover to reinforcement shall be maintained for all chamfers.
20. Steel Reinforcement. (Complying with BS 8666:2005) a) Reinforcement shall be grade BS500B to BS 4448:2005. 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).
21. All buried concrete surfaces to be waterproofed to Clause 204 of MCHW.
22. Abutments to be waterproofed using a permitted waterproofing system in accordance with MCHW SSWW Clause203 and in accordance with the requirements of CD358.
23. Backfill behind abutment walls shall be Class G6/10p to the SHW. Any soft spots found at foundation formation level to be excavated and replaced with lean mix concrete under the pile cap.
24. Gullies to be installed on either side of the deck on the approaches to drain of surface water.

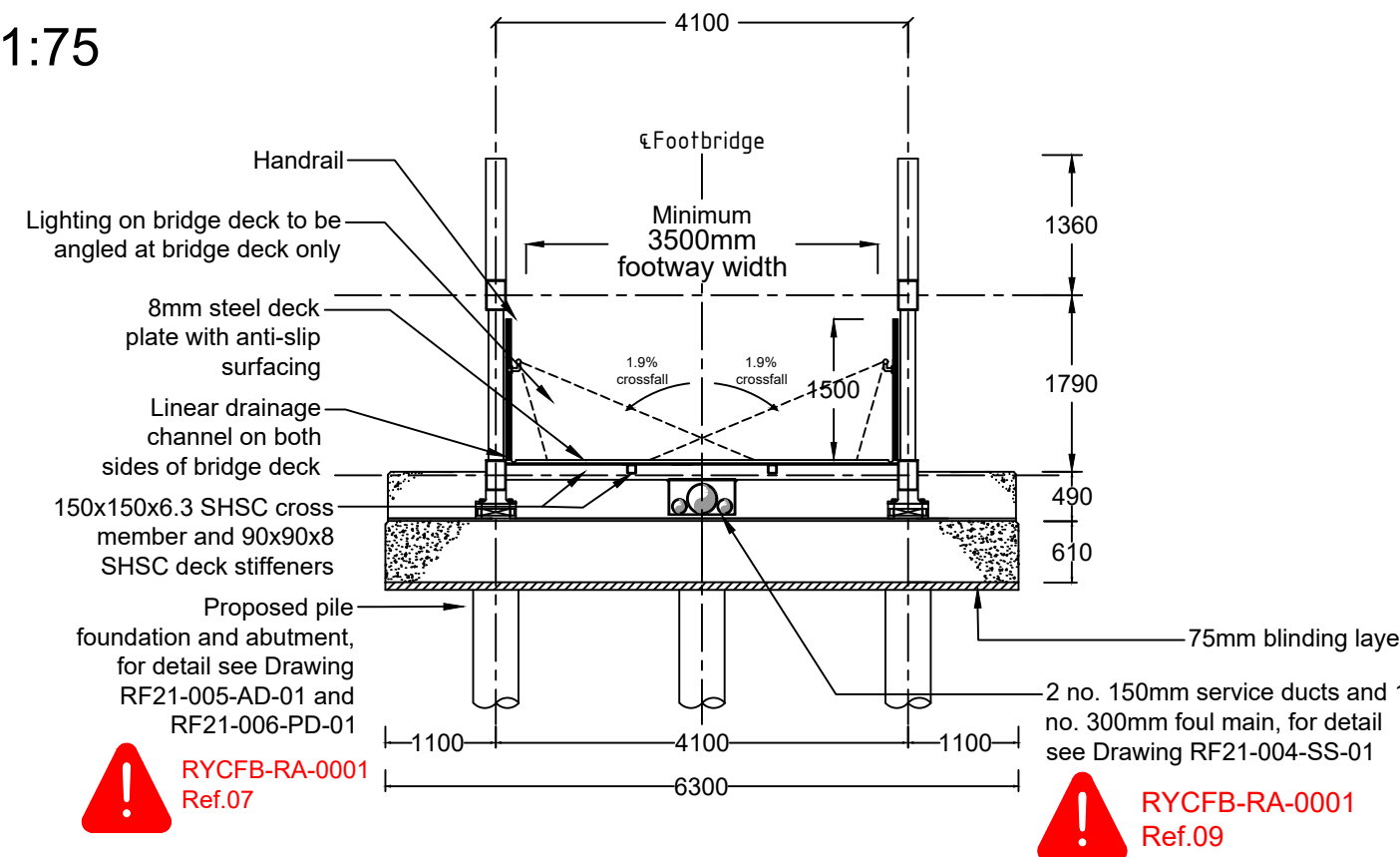
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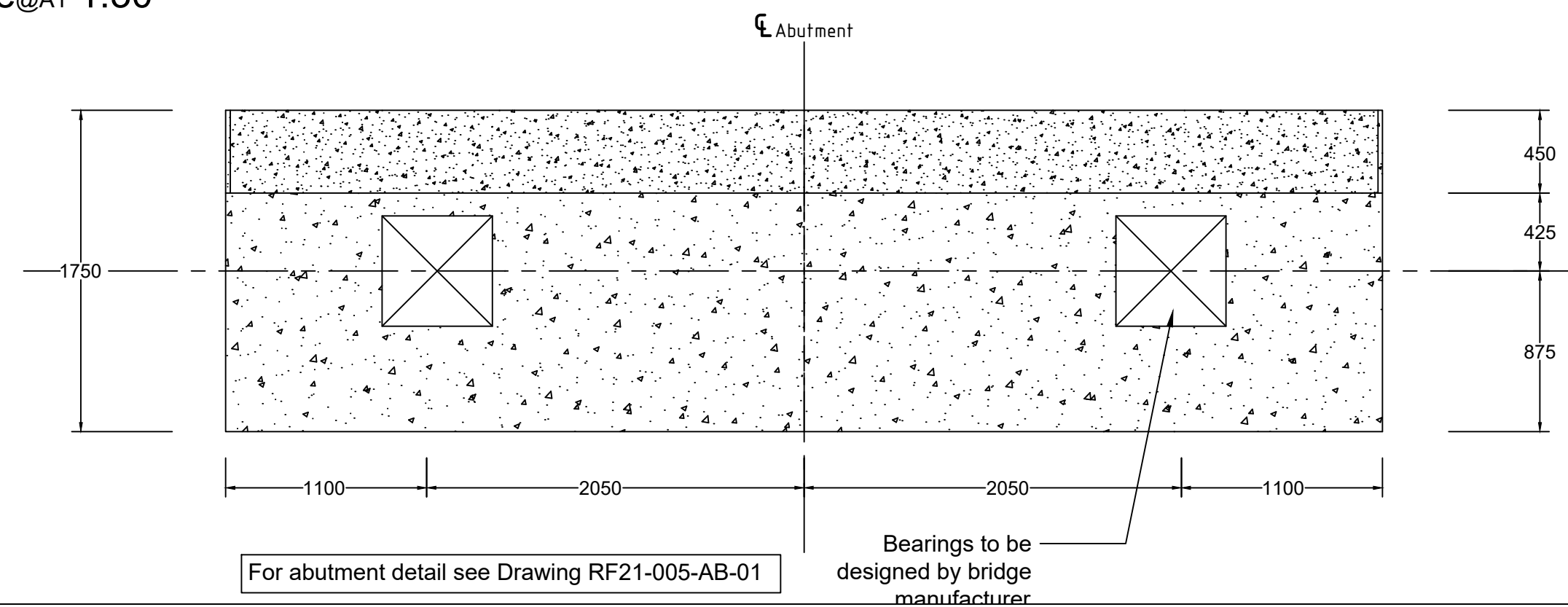
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PROJECT TITLE:

Rhydycar Footbridge Replacement

Rhydycar

Merthyr Tydfil

DRAWING TITLE:

General
Arrangement

DRAWN: AP		APPROVED: CM	
CHECKED: AB		DATE: 10/2/22	SCALE: As shown @ A1
PROJECT NO.: RF21		DRAWING NO.: 003-GA-03	
		REV.: 03	