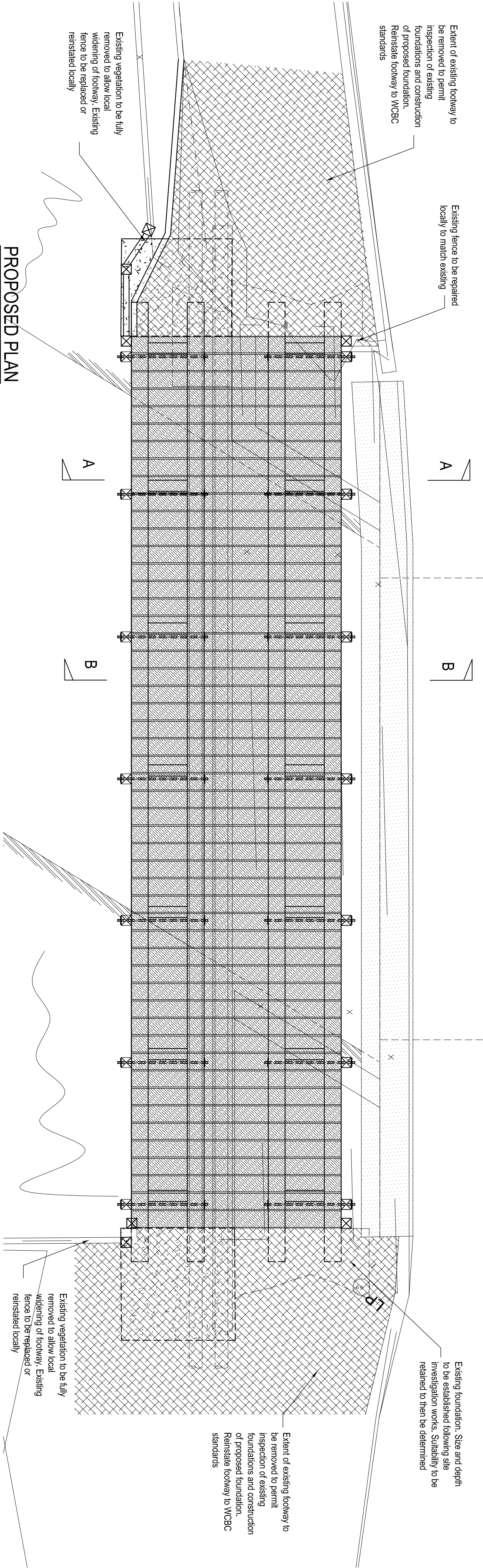
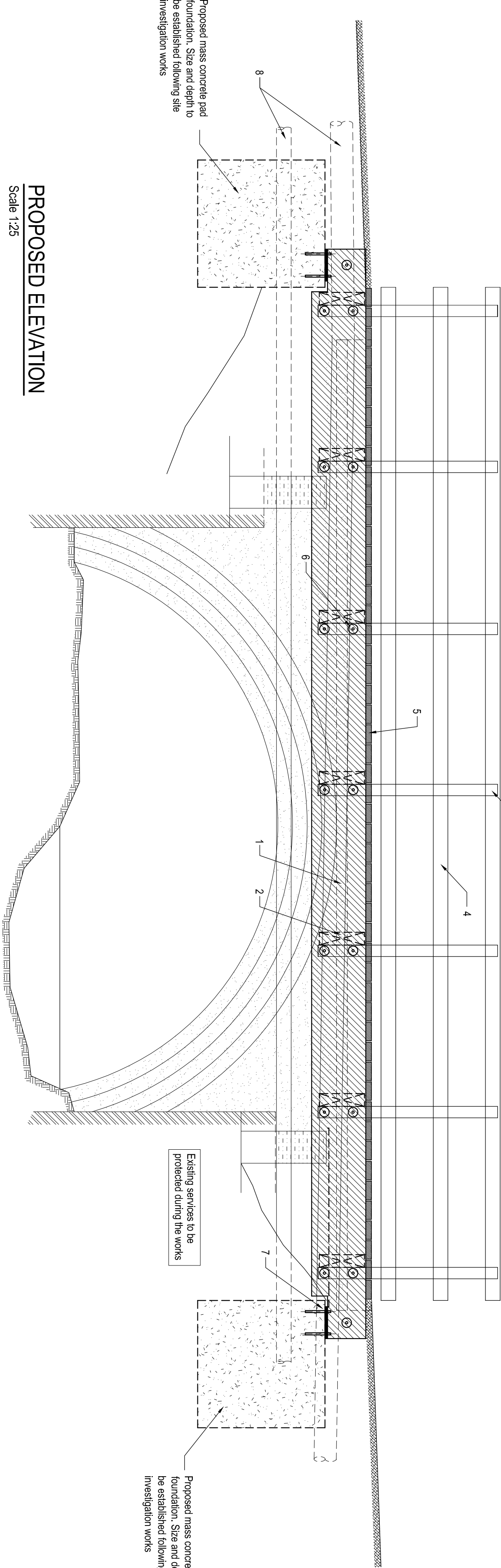




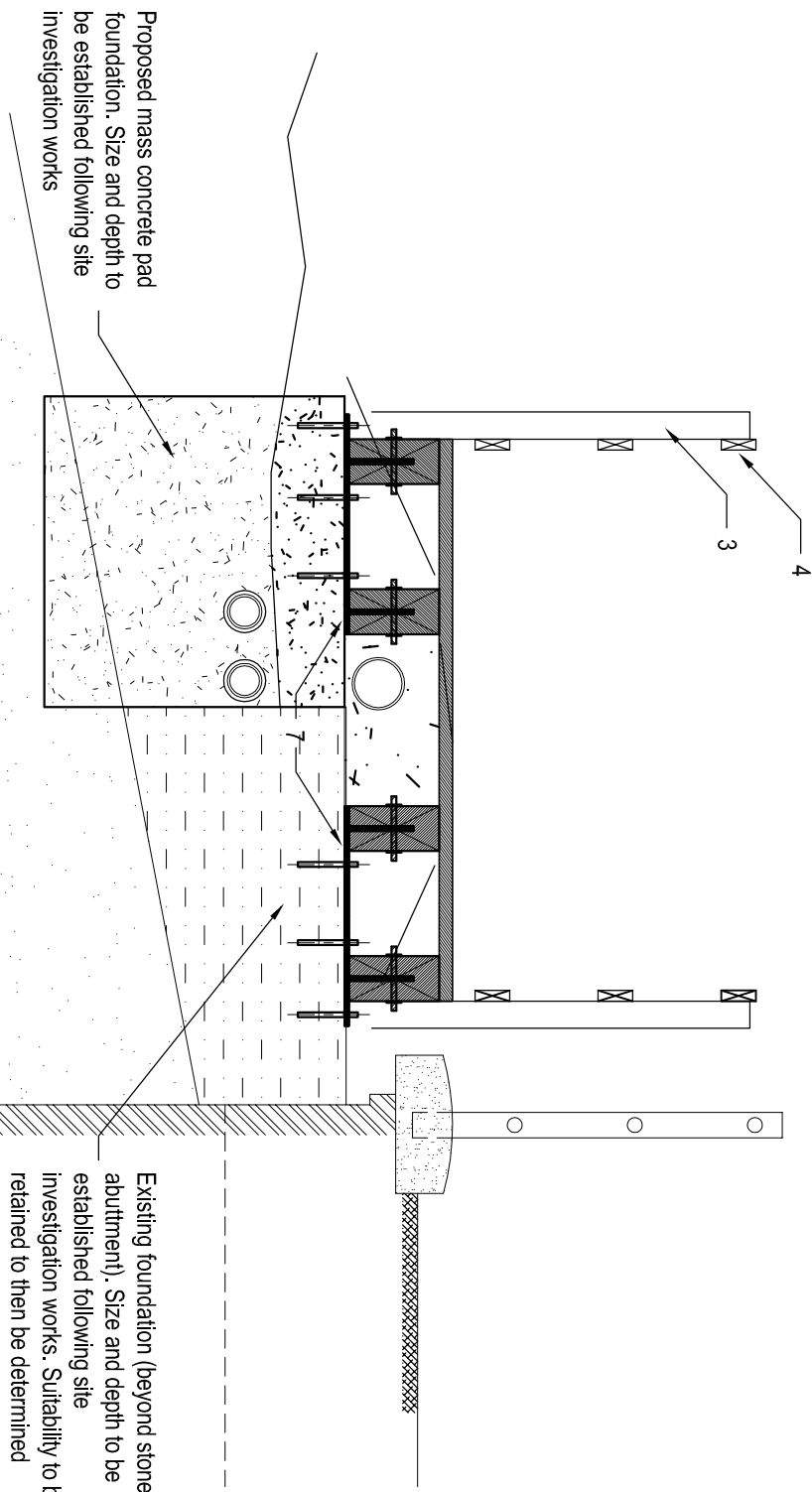
PROPOSED PLAN

Scale 1:25



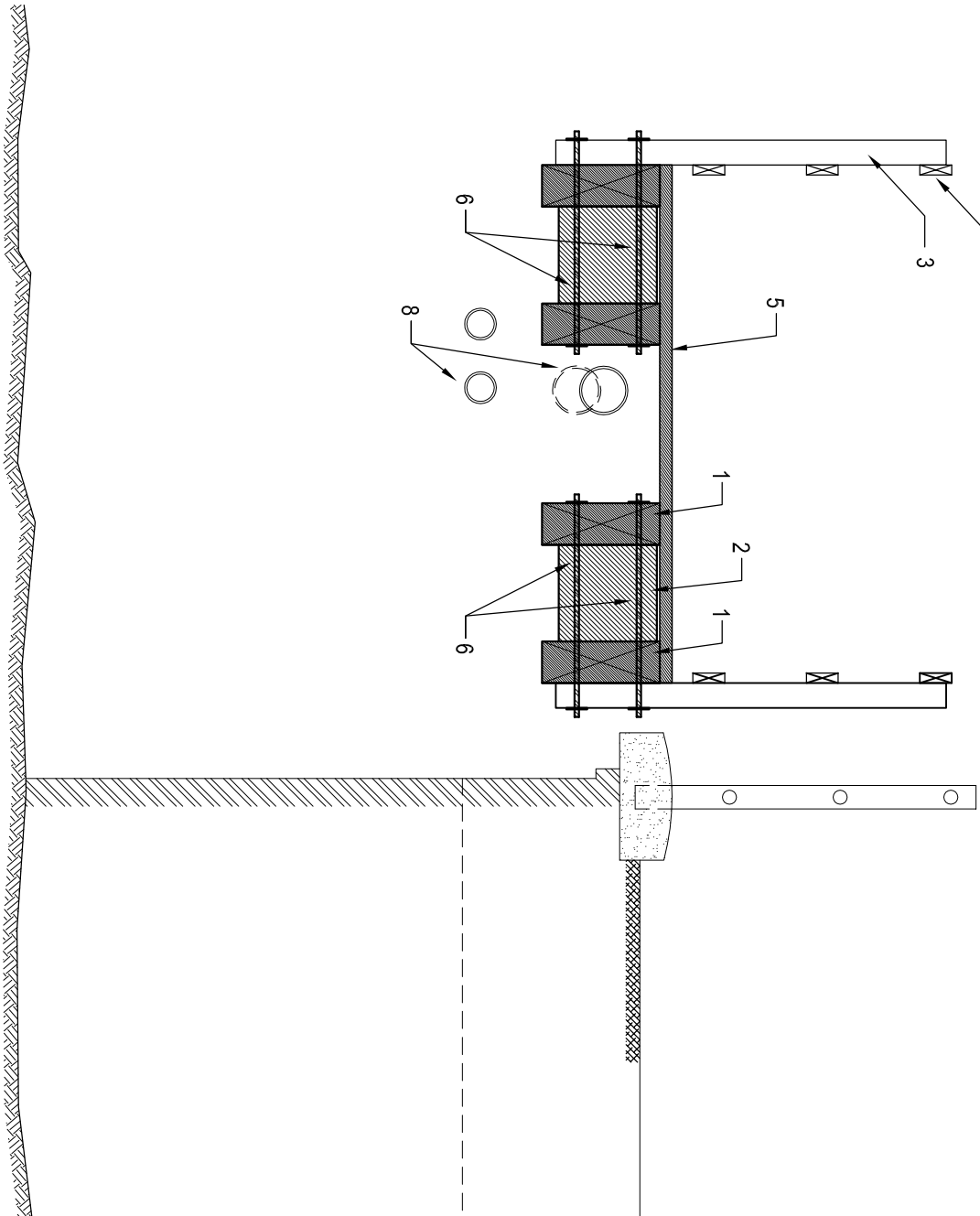
PROPOSED ELEVATION

Scale 1:25



PROPOSED SECTION A-A

Scale 1:25



PROPOSED SECTION B-B

Scale 1:25

- Legend**
- Proposed 150mm wide x 425mm deep Grade C24 glulam timber primary beam
 - Proposed 100mm wide x 270mm deep Grade C24 glulam timber tie beam
 - Proposed Grade C24 solid timber parapet post
 - Proposed Grade C24 solid timber parapet rail
 - Proposed 145mm wide x 45mm deep "JB AntiSlip Plus DeckSure Premier" by John Besh, Grade C24 grooved timber deck boards
 - Proposed M16 sis threaded rod with 75mm dia. x 5mm th. washer plates
 - Proposed filch and bearing galvanised steel plate with 6no. M20 holding down bolts
 - Existing piped services

This drawing is to be used in conjunction with all project drawings, specifications and relevant information. All amendments are in red (unless shown otherwise) and must be verified by the contractor prior to commencement. Any discrepancies are to be reported to PDC immediately. Do not proceed with the proposed works until the necessary approvals have been obtained. The design is for the proposed works only and does not constitute a guarantee of performance or liability. The design is for the proposed works only and does not constitute a guarantee of performance or liability.

- Notes**
- Figured dimensions for setting out of all elements should be verified by the contractor prior to commencement.
 - Details of temporary diversion of footway to be agreed during footbridge widening works.

Steelwork Notes

- The steelwork is to be detailed, fabricated and erected in accordance with the National Structural Steelwork Specification (NSSS) and BS EN 1090.
- The fabricator is to submit, free of charge, a copy of all fabrication drawings and details to the Engineer for comment at least one week in advance of commencement of fabrication works.
- All steelwork is to be grade S275 to BS EN 10025 UNO. Fabricator to submit certification for steelwork sections upon request.
- All steelwork is to be blast cleaned to SA2.5 and galvanised to 85 microns in accordance with BS EN ISO 1461.
- All bolts and threaded rods to be A2 (Grade 304) Stainless Steel to BS EN 10088.

Foundation Notes

- Figured dimensions for foundation setting out are based on site dimensions and should be verified by the contractor prior to commencement.
- The pad foundations have been designed for a safe ground bearing pressure of (TBC) kN/m² bearing a minimum of 100mm into natural stratum at a minimum depth of 1000mm (TBC) below original ground level. The indicated formation levels are provisional and subject to site investigation, inspection and agreement by the Engineer and Wrexham CBC.
- Foundations required to be excavated deeper than shown on the drawing to achieve the required formation level are to be taken down in foundation concrete mix.
- All foundations are positioned centrally about walls and columns unless specified otherwise.
- Concrete mixes are to be Designed mixes in accordance with BS 8500, as follows:
Foundations (Exposure Class XF3 AE) - C32/40, min 'c' 300kg/m³, max. w/c 0.55
- Requirements for conformity testing to be agreed with contractor and concrete supplier.

Timber Notes

- All timber to be to Grade C24 fully in accordance with the requirements of BS 5268.
- All timber to be pre-pressure treated to Class 4 in accordance with BS EN 335-1 and BS EN 335-1 to achieve 40 year service life. Ends of sawn timber to be treated with a brush applied preservative where required.



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Project
Bersham Colliery Tip
Plas Grono Road, Rhostyllen, Wrexham

Drawing
Glan-yr-afon Footbridge
Proposed Structure

Client
Bersham Glenaside Limited

Status
Approval

Drawing no.
11-0153-150

Revision
A

Drawn
RG

Authorised
AP

Date
July 2011

Scale
As shown

Proposed works to existing structure are preliminary only subject to agreement of AIP and also to investigation works and completion of detailed design