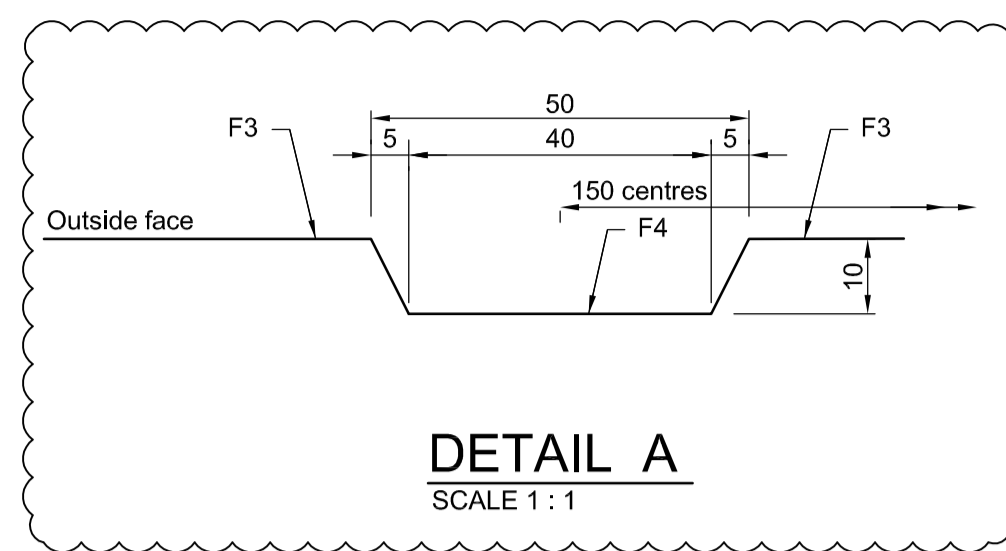
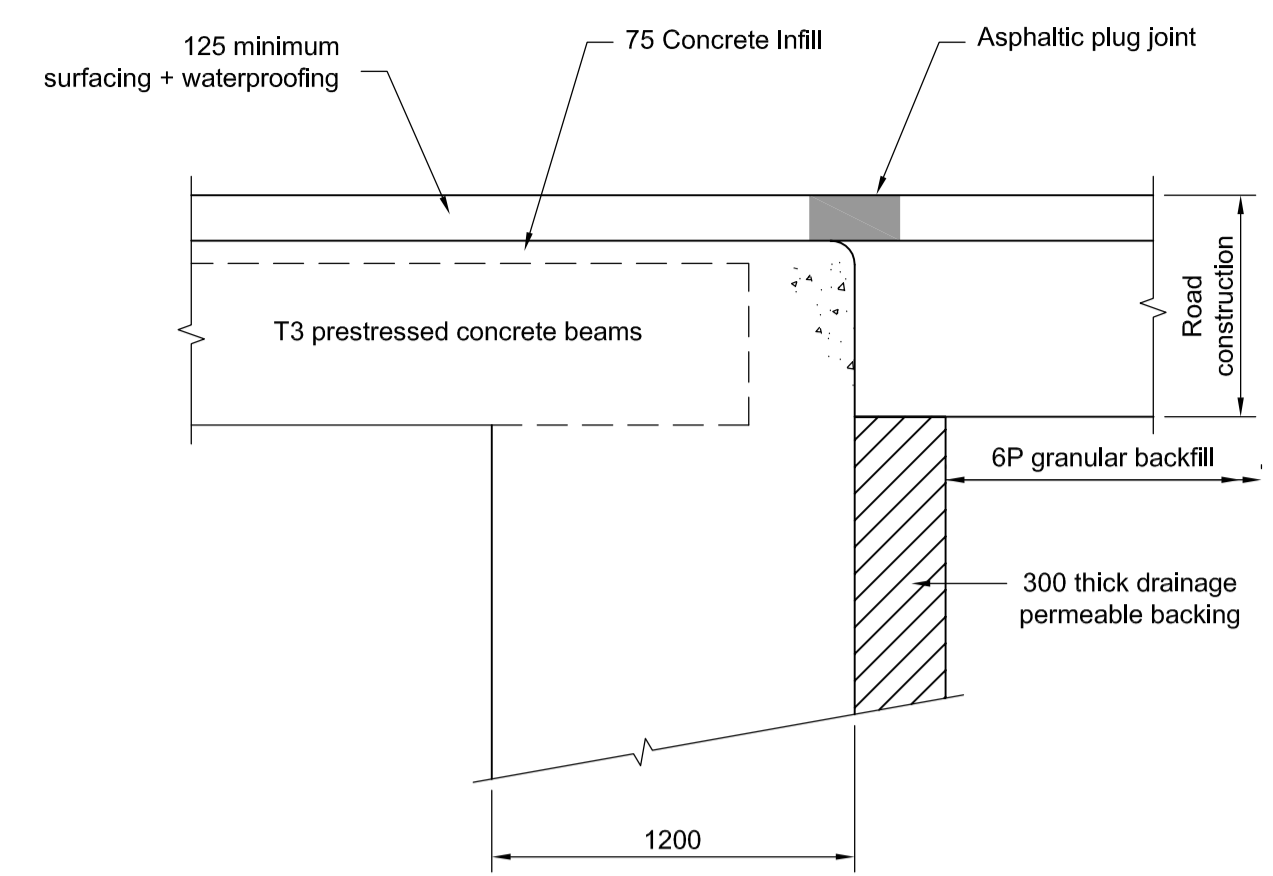


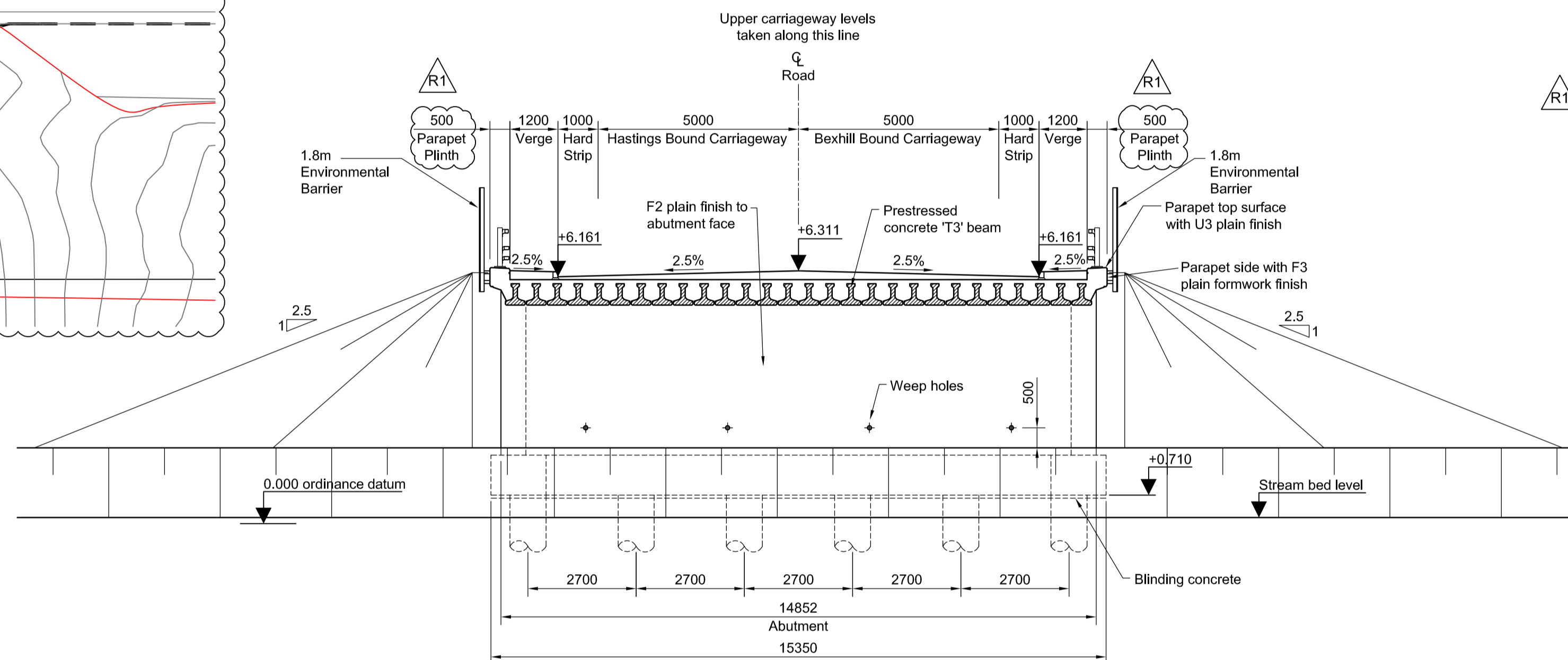
PLAN Scale 1:200



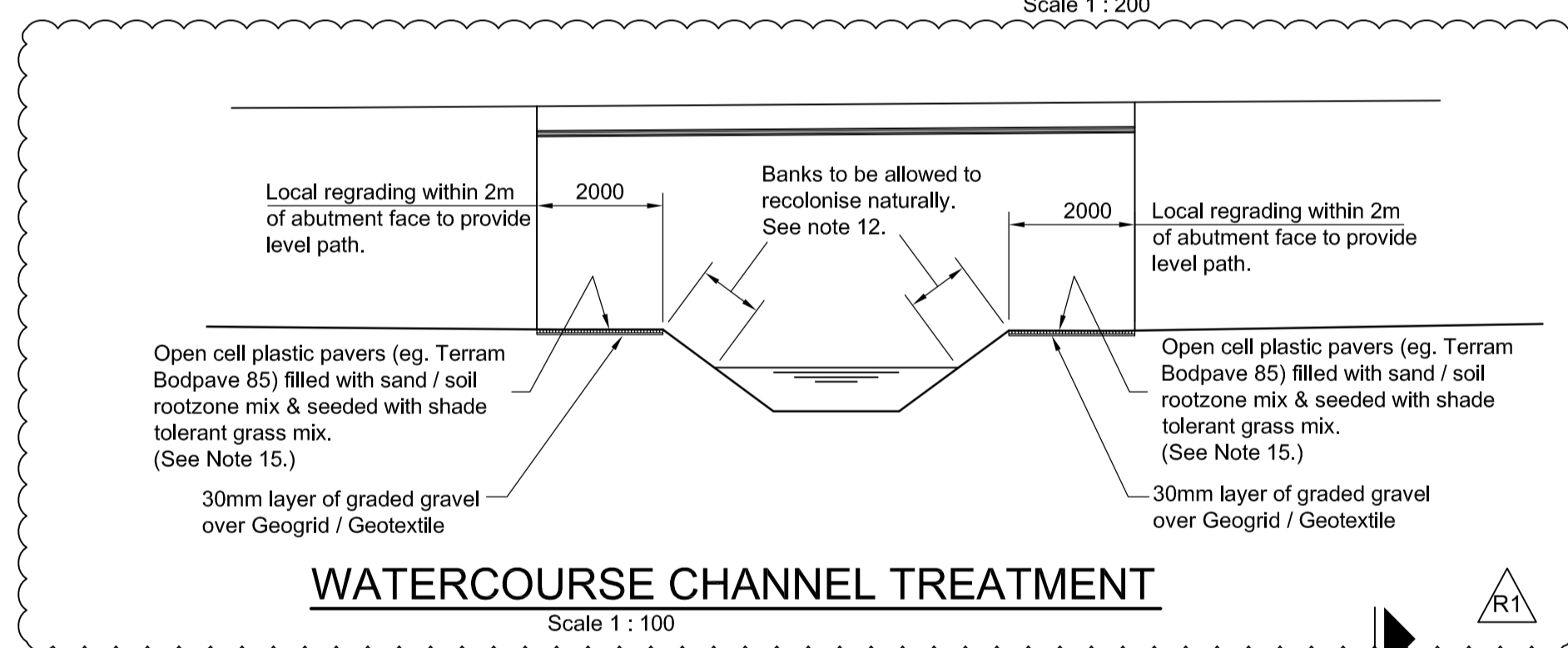
DETAIL A SCALE 1:1



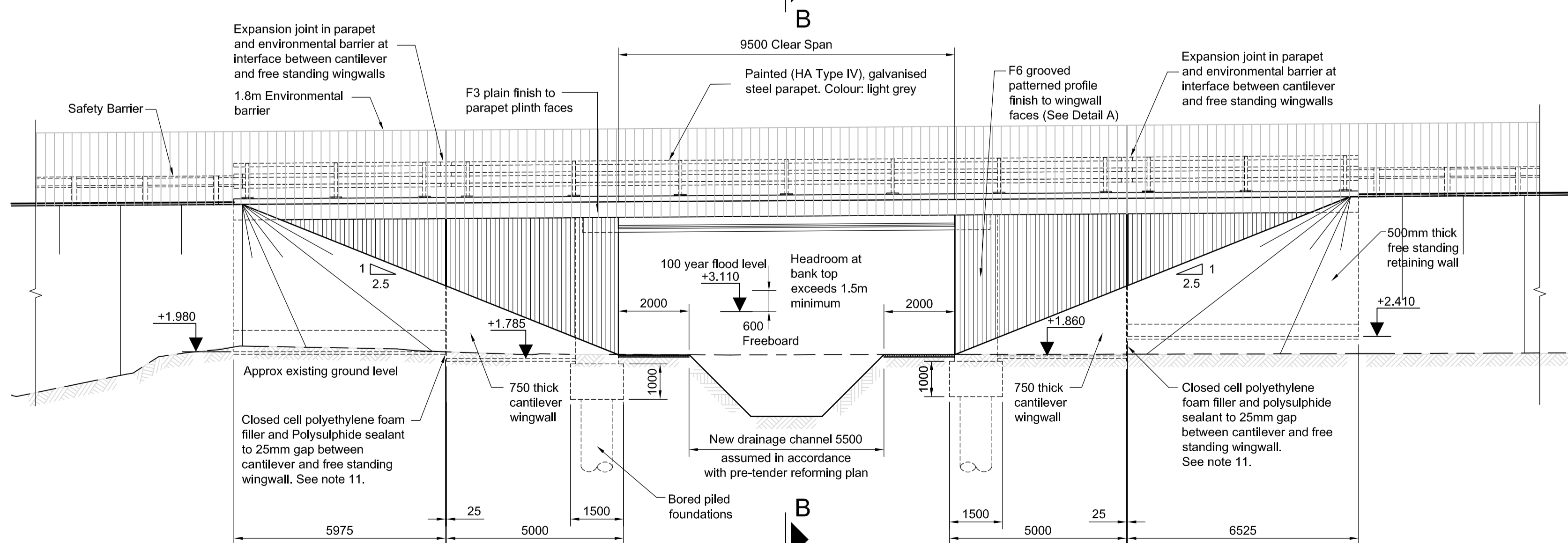
FULLY INTEGRAL ABUTMENT DECK CONNECTION Scale 1:25



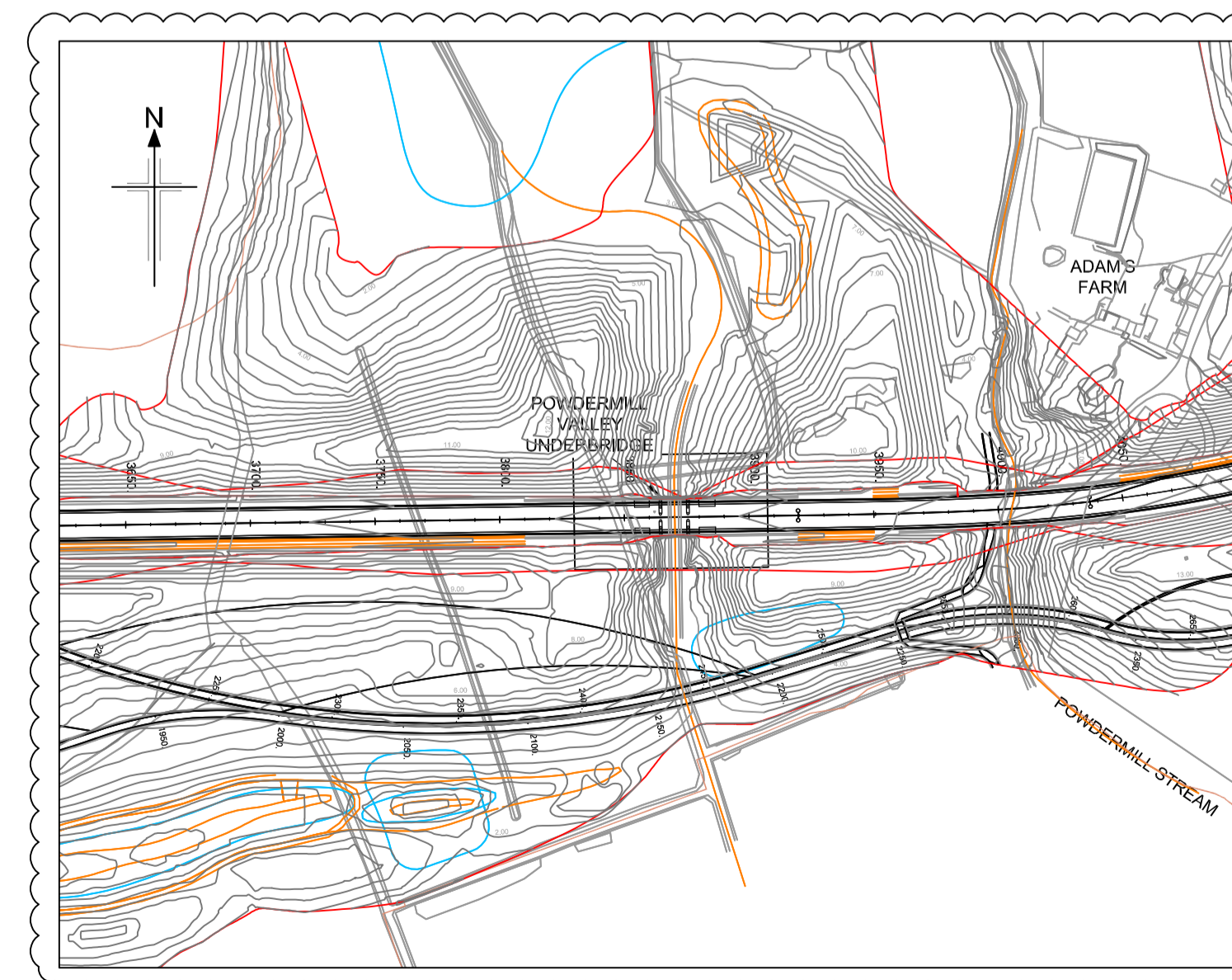
SECTION B Scale 1:100



WATERCOURSE CHANNEL TREATMENT Scale 1:100



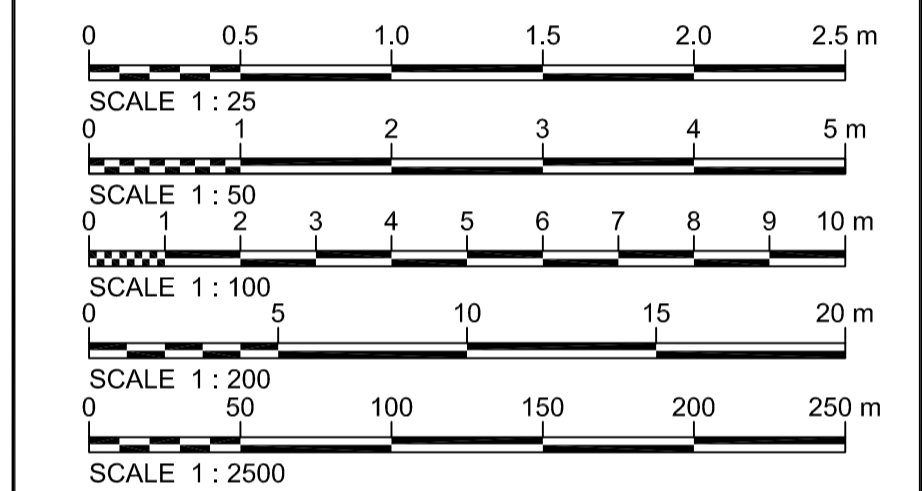
ELEVATION A Scale 1:100



LOCATION PLAN Scale 1:2500

NOTES

- All dimensions in millimetres unless noted otherwise.
- All levels in metres above ordnance datum - Newlyn.
- Do not Scale from this drawing.
- Backfill to be 6N or 6P.
- All external arrises to have 25 x 25mm chamfers.
- Gulleys shall be provided in the roadside channels immediately to the east (uphill) side of the bridge to minimise the flow of surface water across the pavement / abutment interface.
- Approach embankments constructed in advance of bridge works. Ground treatment below approach embankments to limit differential settlement where necessary.
- Both abutments to be backfilled simultaneously with a level difference not exceeding 0.5m.
- All section thicknesses are approximate and subject to change at detailed design stage.
- In accordance with the Dormouse Licence (Reference EPSM 2012 - 5175) dormouse crossings shall be provided across each side of the structure. These shall consist of 75-100mm diameter galvanised or plastic-coated wire mesh tubes with sisal rope inserts. The mesh tubes system on the traffic face and shall be securely fastened to the posts using stainless steel jubilee clip fasteners. The mesh tubes shall be extended to the vegetation on the approach embankment slopes. Refer to drawing B1297000/PH2/1700.01a/9901.
- Joints between adjacent wall elements contain partially debonded stainless steel dowel connections to limit differential movement.
- Scrapings from local ditch maintenance to be used for recolonisation where possible. Care should be taken to prevent the spread of New Zealand pygmy weed, Crassula Helmsii.
- 2m wide Riparian corridor provided beneath the bridge to allow free transverse passage of animals.
- Concrete finishes are as described in the specification for Highway works series 1700.
- Grass species to be rich in neutral grassland.



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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
R1	14/12/12	FOR PLANNING	HN	PB	PB	RD
		Environmental barrier added to south side.				
		Other amendments are as clouded.				
R0	30/10/12	ISSUED FOR REVIEW	DC	PB	PB	RRD

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Client: **HOCHTIEF** **TAYLOR WOODROW** **East Sussex County Council**
ecstsussex.gov.uk

Project: **BEXHILL TO HASTINGS LINK ROAD**

Drawing title: **POWDERMILL VALLEY UNDERBRIDGE GENERAL ARRANGEMENT**

Drawing status: **FOR REVIEW**

Scale: @ **DO NOT SCALE**

Jacobs No. **B1297000**

Drawing number: **B1297000/PH2/1700.01A/9111** Rev **R1**

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.