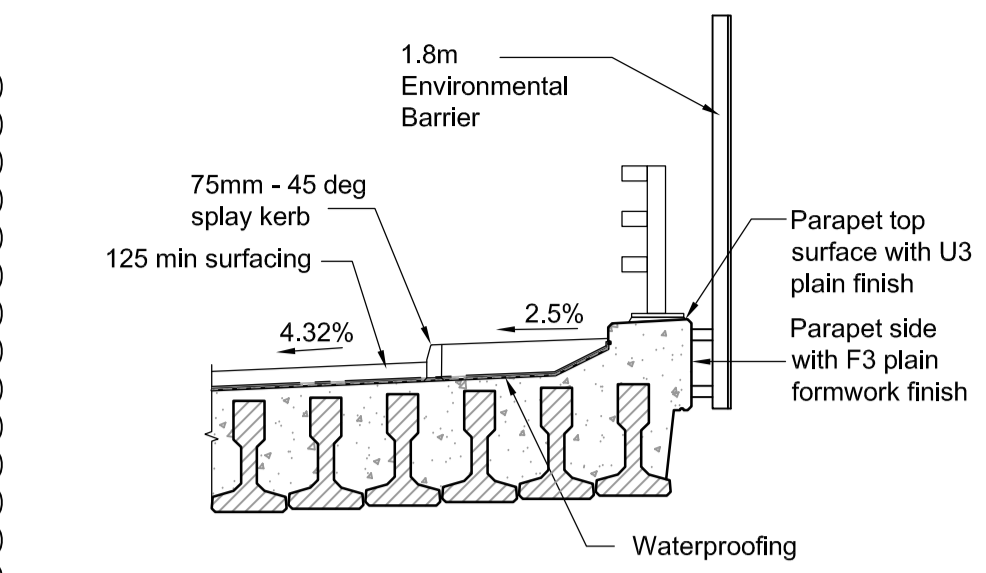
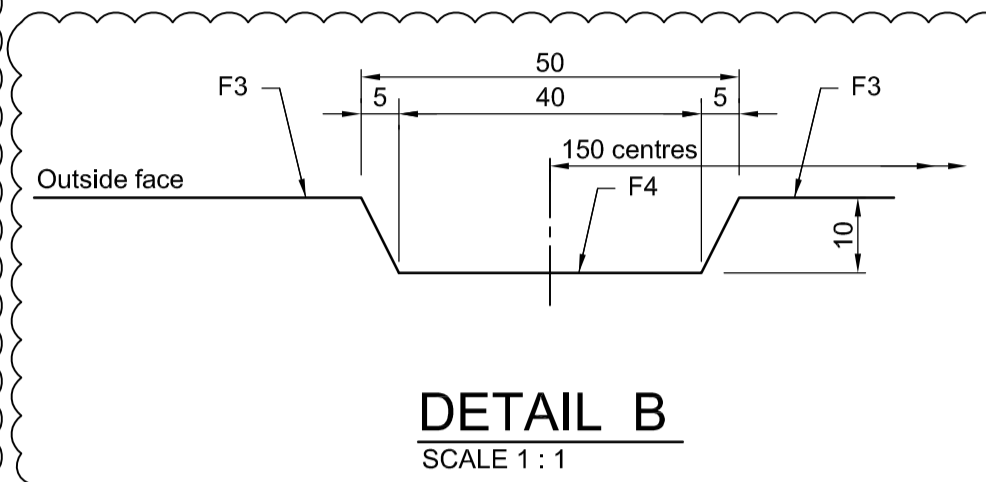


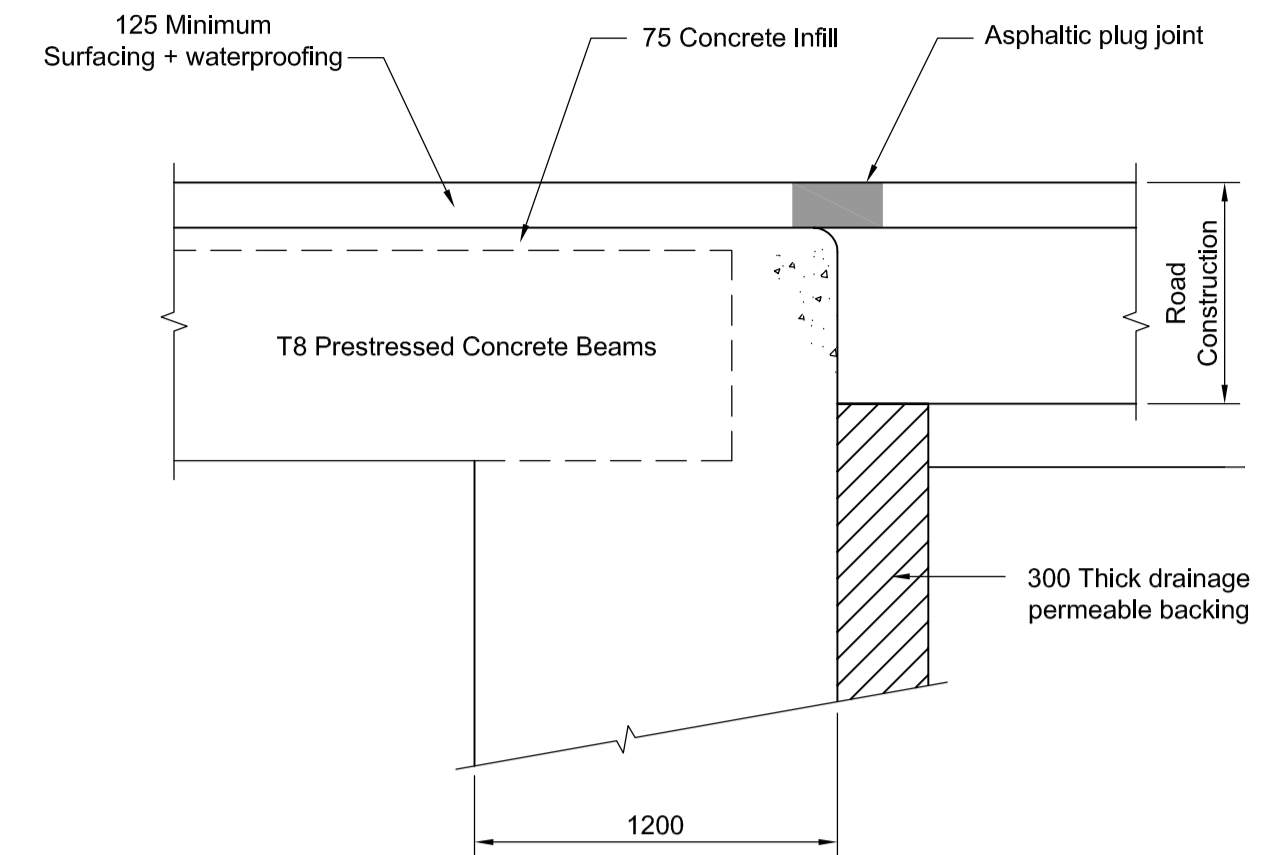
PLAN Scale 1:200



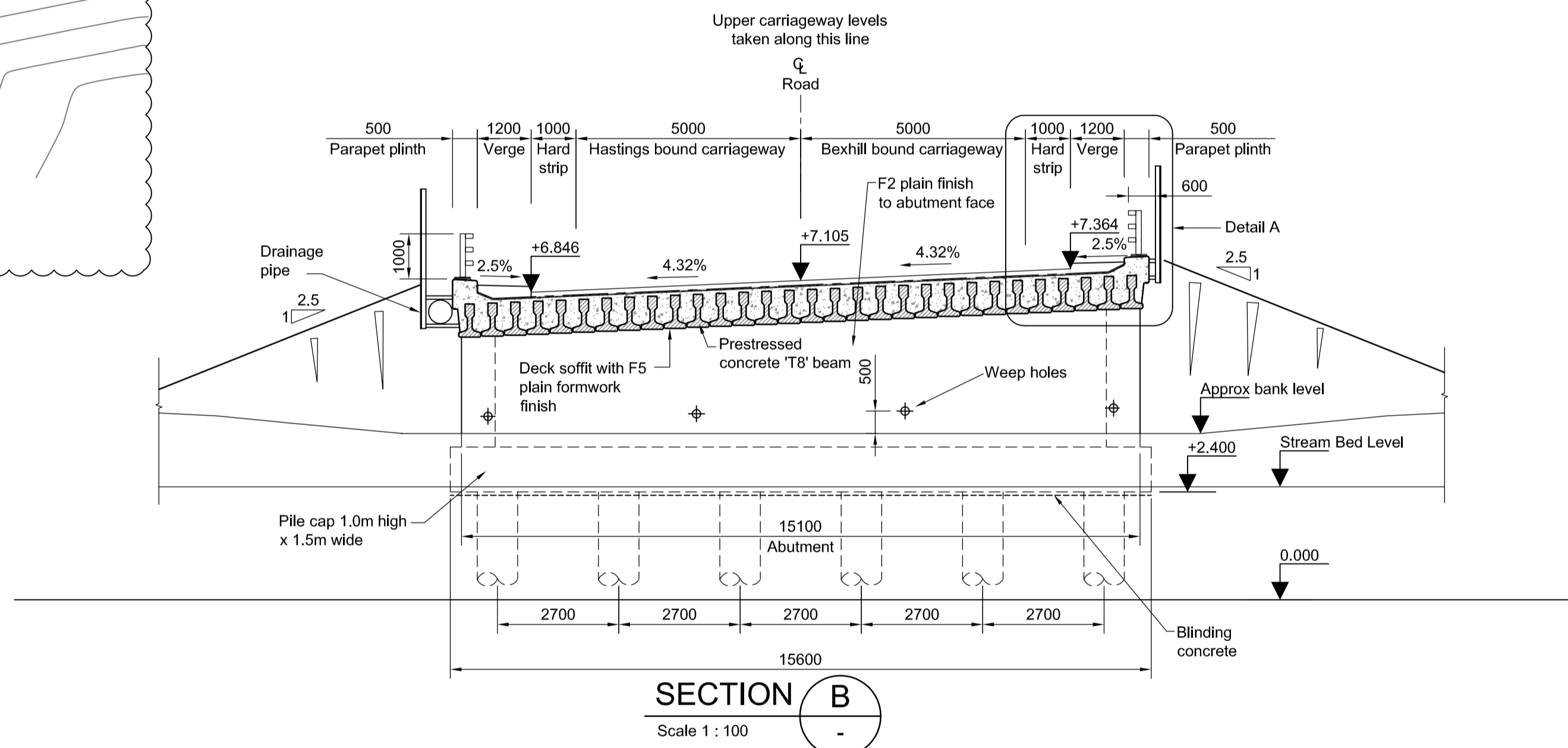
DETAIL A Scale 1:50



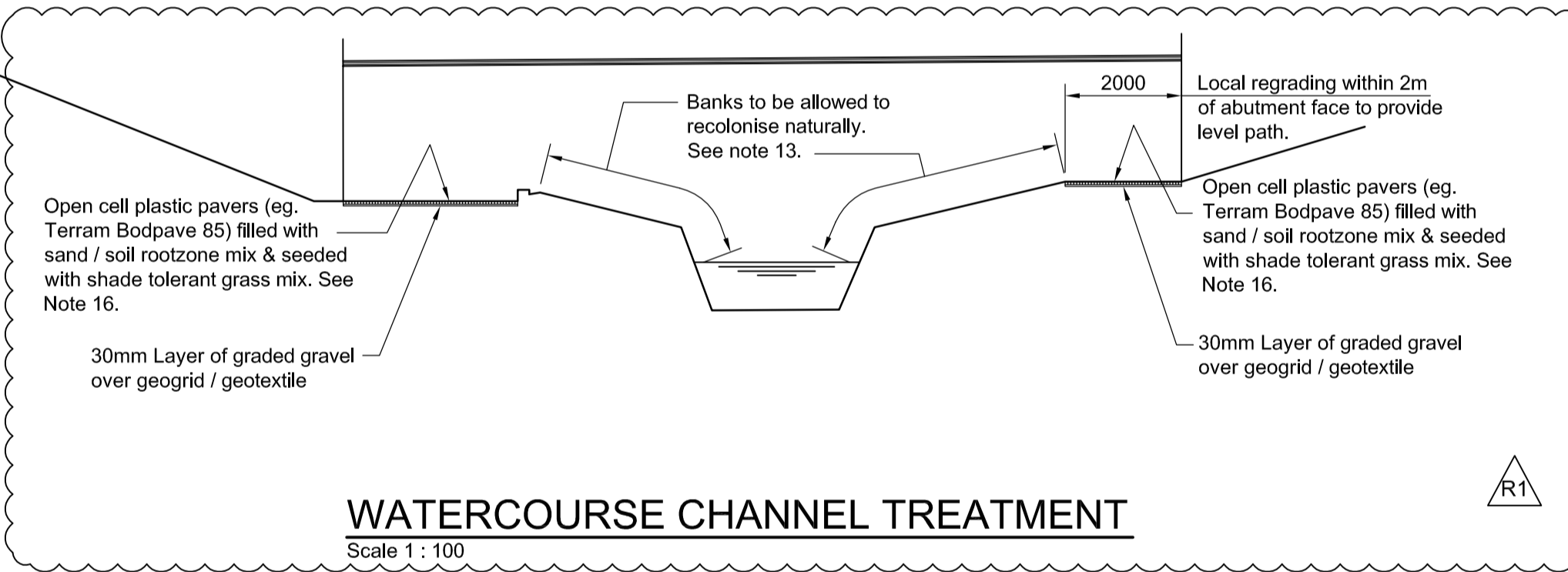
DETAIL B SCALE 1:1



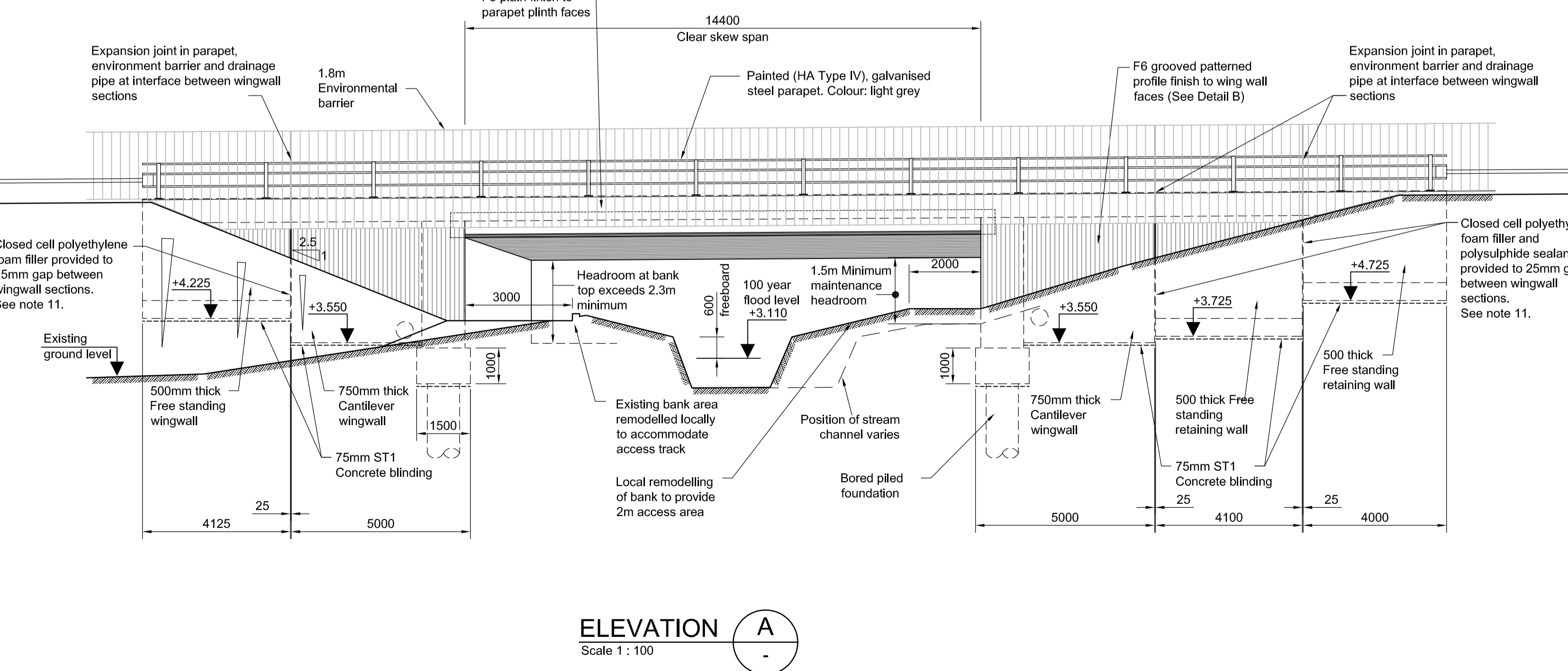
FULLY INTEGRAL ABUTMENT DECK CONNECTION Scale 1:25



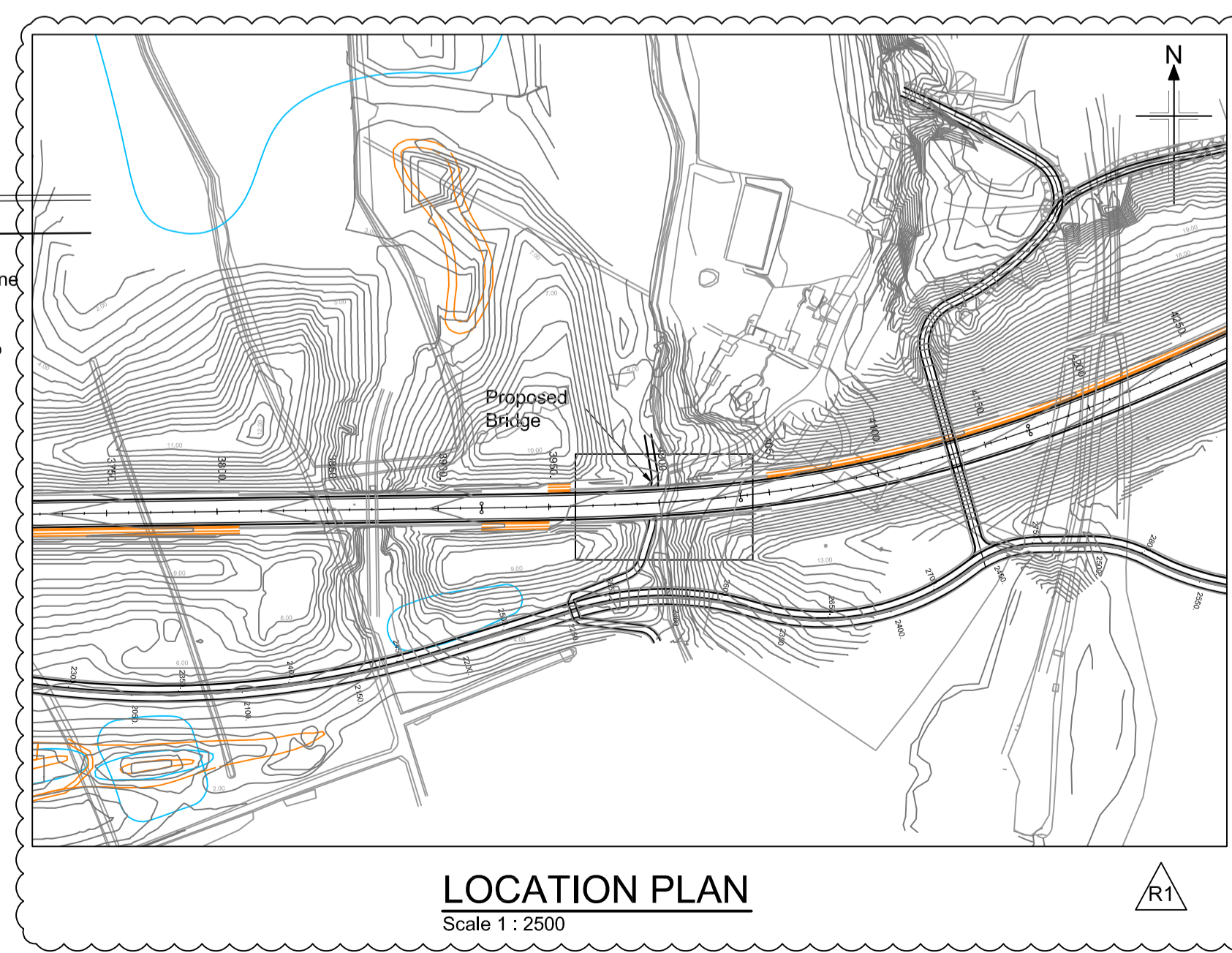
SECTION B Scale 1:100



WATERCOURSE CHANNEL TREATMENT Scale 1:100



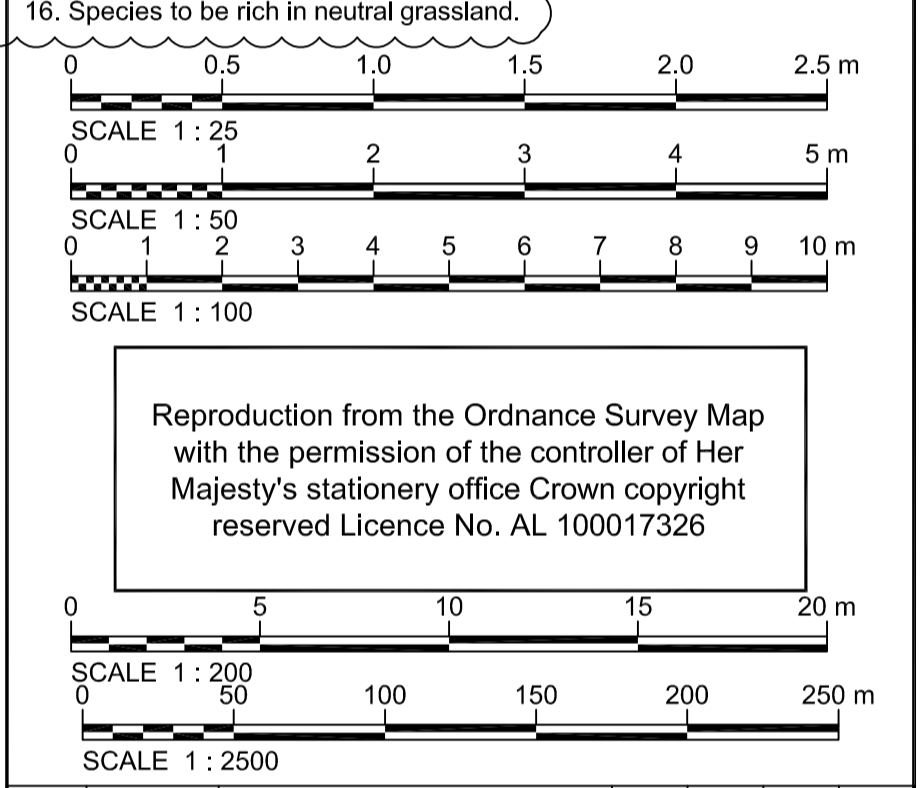
ELEVATION A Scale 1:100



LOCATION PLAN Scale 1:2500

NOTES

- All dimensions in millimetres unless noted otherwise.
- All levels in metres A.O.D. (Above Ordnance Datum - Newlyn).
- Do not Scale from this drawing.
- Backfill to be 6N or 6P..
- All external arisings 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.
- Dimensions are square to abutments unless noted otherwise.
- 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 shall be located on the parapet coping beam at the base of the parapet 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.
- In accordance with the Bat Licence (Reference EPSM 2012 - 5266) 1No Schwegler 2FE wall - mounted bat shelter and 1No Schwegler FQ wall - mounted bat roost will be installed on the structure. Refer to drawing B1297000/PH2/1700.01a/9901.
- Scraps from local ditch maintenance to be used for recolonisation where possible. Care should be taken to prevent the spread of New Zealand pygmy weed, *Cassula 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.
- Species to be rich in neutral grassland.



Reproduction from the Ordnance Survey Map with the permission of the controller of Her Majesty's stationary office Crown copyright reserved Licence No. AL 100017326

R1	14/12/12	FOR PLANNING	HN	PB	PB	RD
R0	30/10/12	ISSUED FOR REVIEW	DC	PB	PB	RRD
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Revd	Apprv'd

JACOBS
Simpson House, 6 Cherry Orchard Road, Croydon, Surrey, CR9 6BE
Tel: +44(0)208 686 8212 Fax: +44(0)208 681 2499
www.jacobs.com

Client: HOCHTIEF (UK) CONSTRUCTION, TAYLOR WOODROW, East Sussex County Council

Project: BEXHILL TO HASTINGS LINK ROAD

Drawing title: POWDERMILL STREAM UNDERBRIDGE GENERAL ARRANGEMENT

Drawing status: FOR REVIEW

Scale: @ DO NOT SCALE

Jacobs No. B1297000
Client no. B1297000

Drawing number: B1297000/PH2/1700.01A/9121 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.