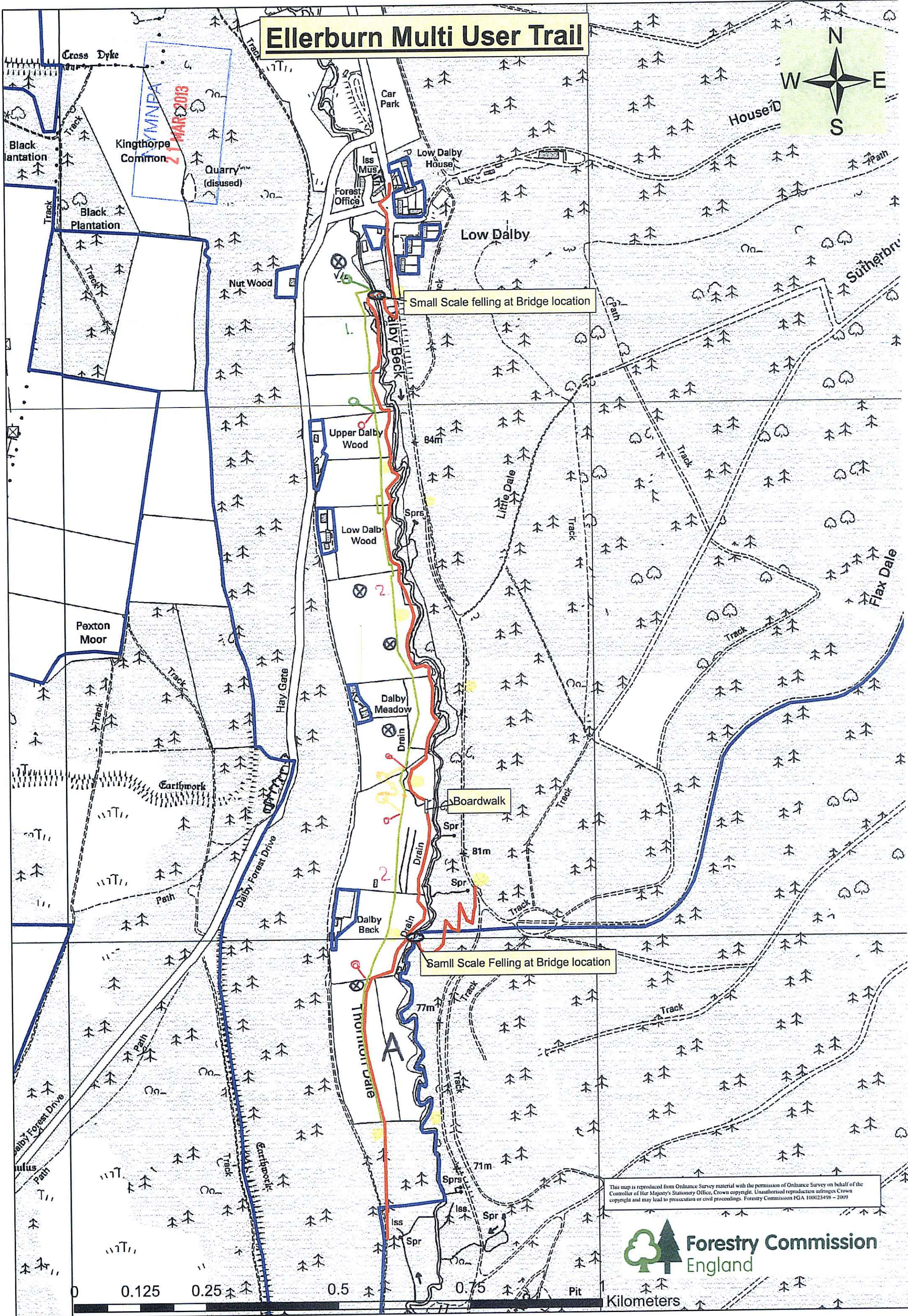
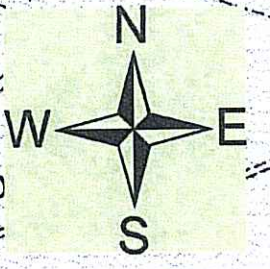


Ellerburn Multi User Trail



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Kilometers

⊗ field trees



1. cut & lay hedge



2. standard hedge



3. alder willow woodland



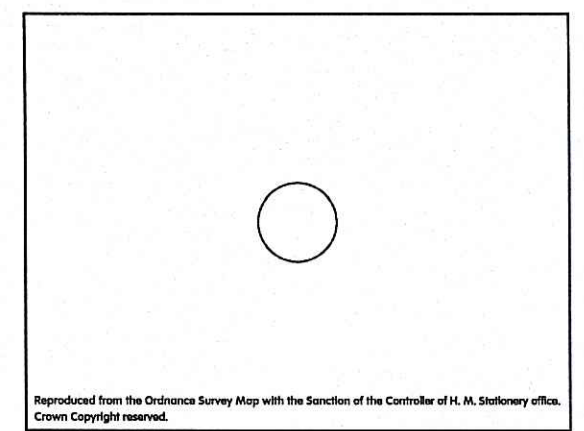
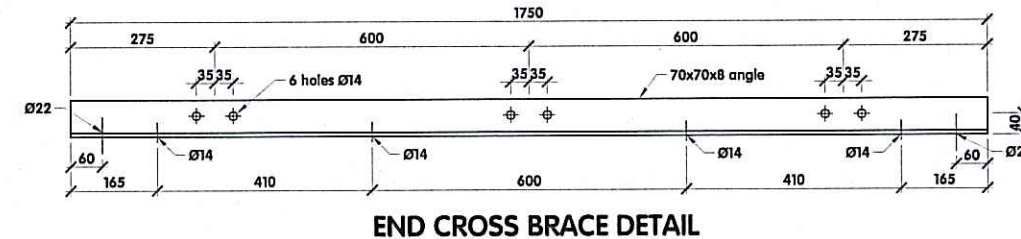
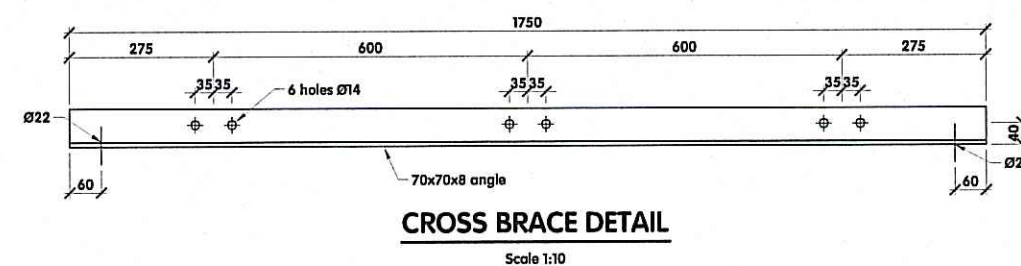
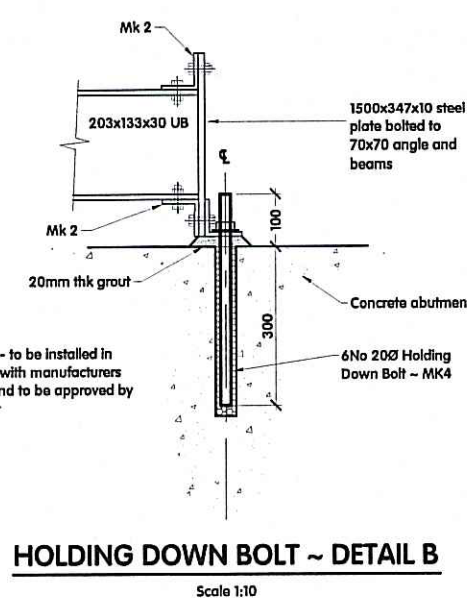
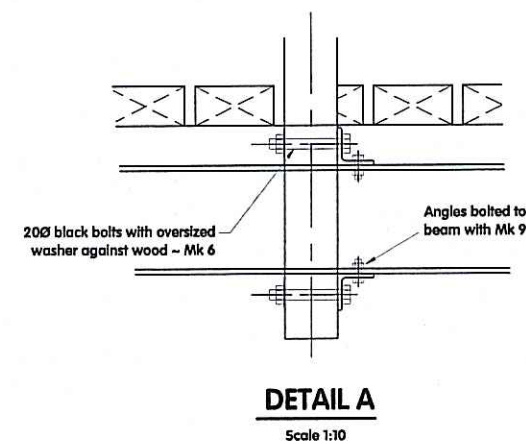
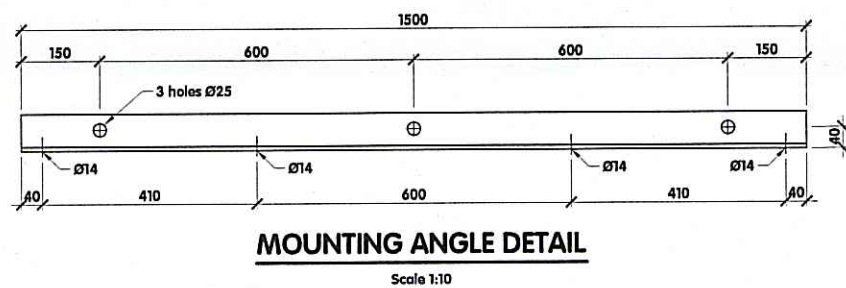
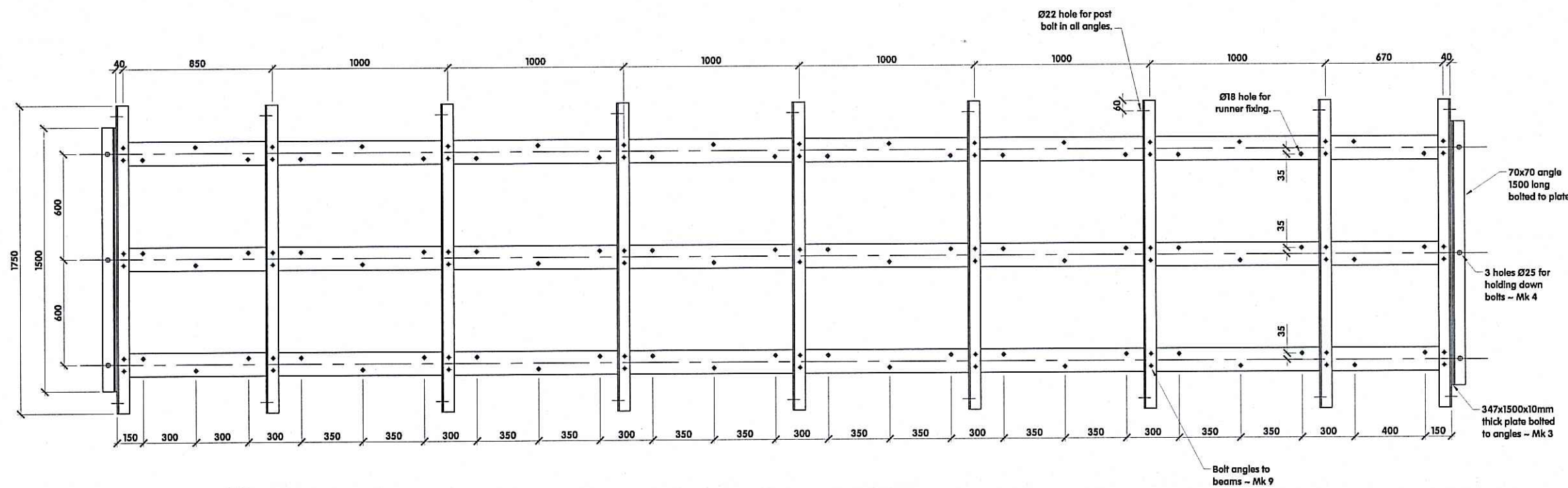
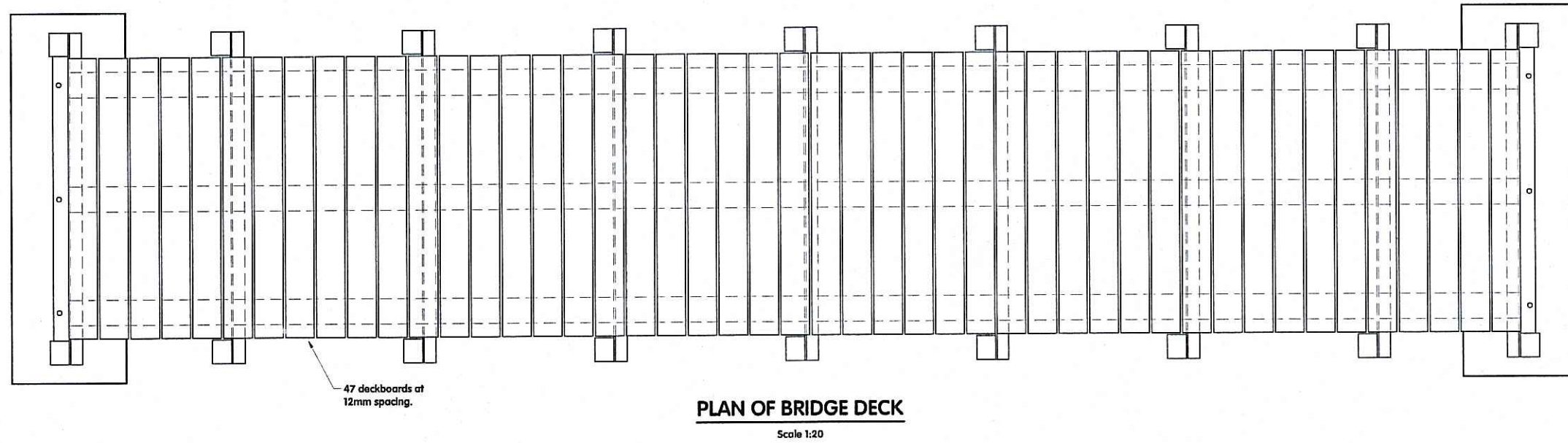
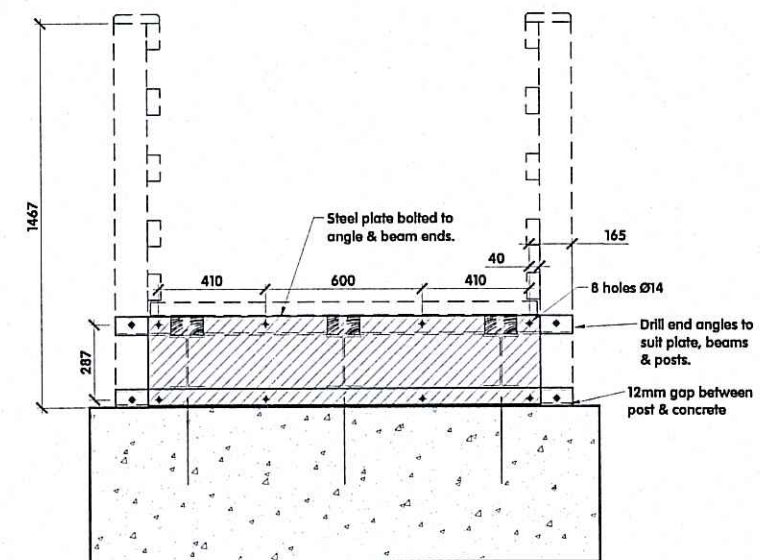
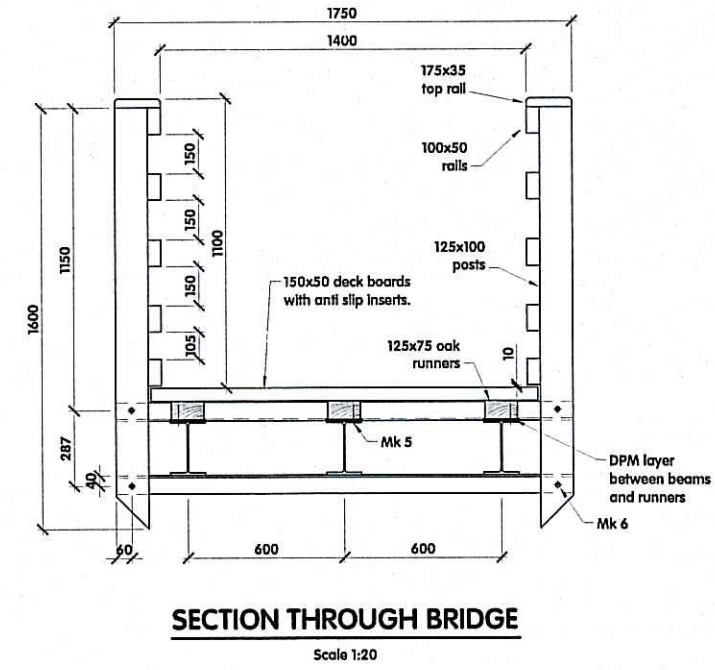
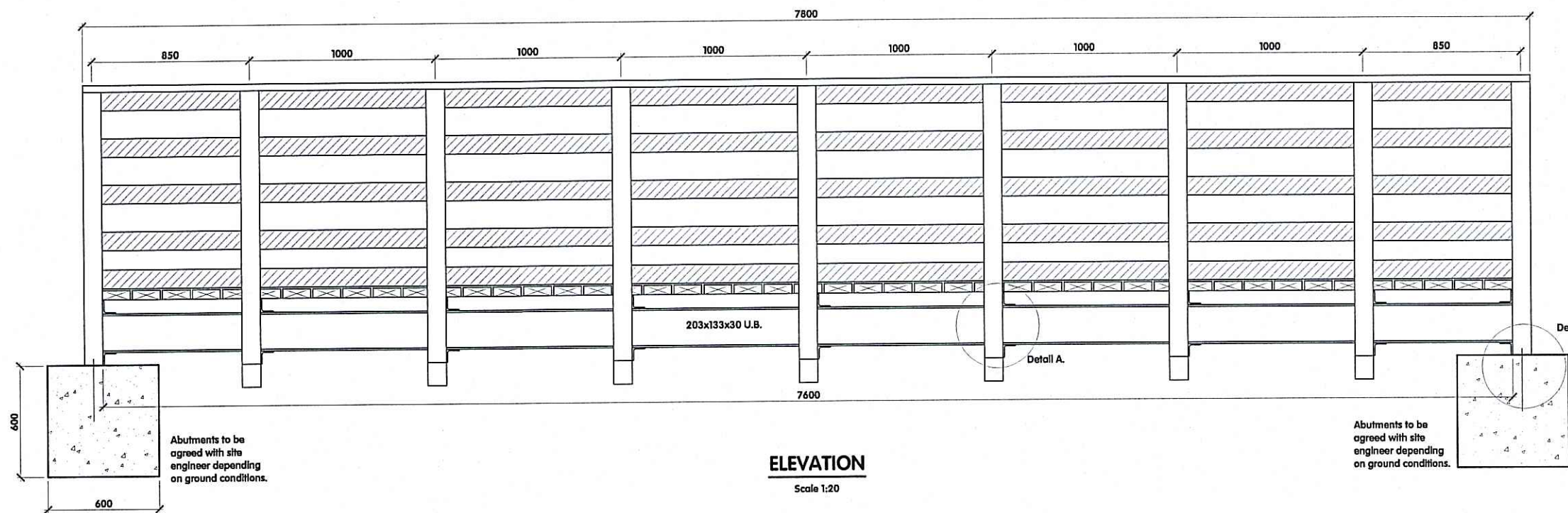
- fence line

- Ellerburn Trail

○ Small scale felling at bridge locations

▭ boardwalk

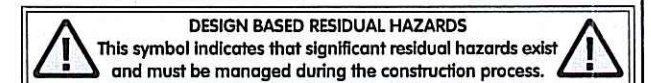
● resting points



LOCATION PLAN

NOTES:

- This drawing is to be read in conjunction with the Specification and all relevant Engineers drawings. All brand named products may be replaced with equal products subject to approval by the designer.
- All dimensions are in millimetres unless stated otherwise.
- Access to the site is by forest road constructed for all Construction and use vehicles.
- All concrete to comply with EN206:BS8500. Mix RC35, S2 slump, 280kg cement and water cement ratio 0.6. Surface finish, all hidden faces F1, visible faces F5.
- TIMBER** - All timber to be visually graded to Forestry Commission classification. Holes to be drilled before treatment. All timber except Larch heartwood to be treated with Tanalith-E preservative, and treated with Enselo 3450 if cut on site. All timber to be supplied from a sustainable source FSC registered or equivalent.
GS - General Structural with growth rings not more than 10mm
SS - Special Structural with growth rings not more than 6mm. Handrail joints must not be adjacent. For other details of specification refer to Contract Document or contact Civil Eng. Central Services, NRS.
- Steel reinforcement to BS 4449:2005. Min. cover to reinforcement to be 40mm, and bent in accordance with BS 8666:2005. Dowel bars to be stainless steel and in accordance with BS6744:2001. 20mm diameter ribbed bars with a yield strength of 460N/mm².
- Backfill to abutments to be free draining granular material. Backfill not to be taken above beam bearing level until beams are fixed.
- Coach screws to be dipped in light oil before use.
- Design speed limit on bridge to be 25km/h.
- Ground bearing capacity to be assessed and approved by the Engineer.
- Steel beams, stiffener plates and diaphragm plates must be made from Grade S355 J2 G3 steel. Base Plates may be made from S275 JO. All steel to BS EN 10 025. Welds to BS EN 1011-2:2001.
- All beams, plates stiffeners and diaphragms to be hot dip galvanised in accordance with BS EN ISO 1461:2009.
- All bolts, screws and washers to be zinc plated in accordance with BS 1706:1990. Classification Code Fa.Zn25.
- Epoxy Resin for holding down bolts by "Selfix" or equal and approved.
- Should construction be delayed for more than 1 year from the date of issue, please contact Civil Eng Central Services, NRS for the latest drawing revision.
- The new bridge is located at OS grid reference SX 099 667.



NYMNP
21 MAR 2013

Revision				Date	Changes	Drawn	Checked
FOR INFORMATION ONLY							
FORESTRY COMMISSION							
CIVIL ENGINEERING CENTRAL SERVICES							
Northern Research Station Roslin, Midlothian EH25 9SY		 bca <small>BRITISH CEMENT & FERTILISERS ASSOCIATION W I N N E R</small>		Forestry Commission			
ELLERBURN AREA FOREST DISTRICT							
STEEL & TIMBER FOOT BRIDGE							
7m CLEAR SPAN							
GENERAL LAYOUT & DETAILS							
Drawn	MC	Job No.	FCE/1130	Date	13th July 2011		
Checked		Scale:	1:100; 1:50; 1:20; 1:10; 1:5				
Drawing No.	FCE/1130/01			Revisions:			

A1 - DO NOT SCALE