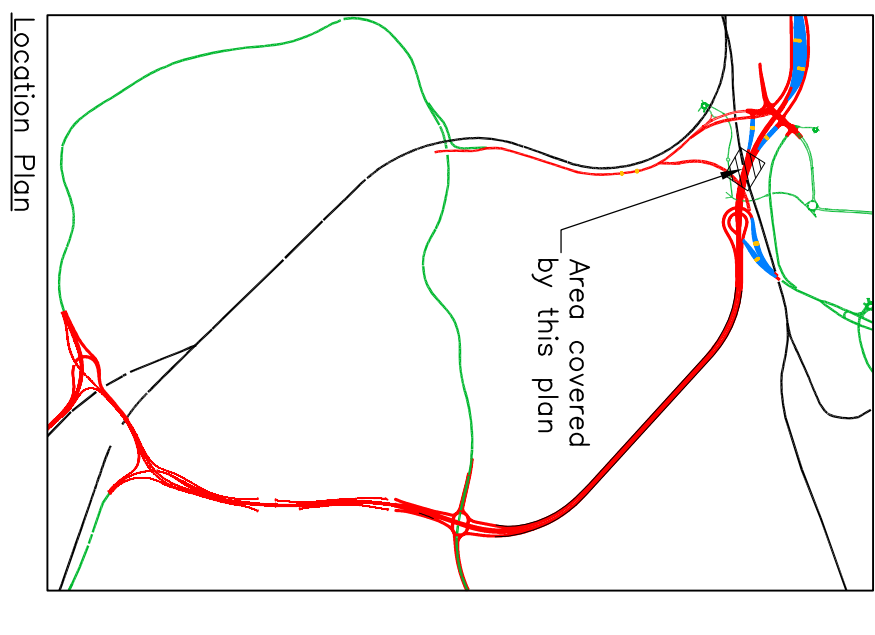
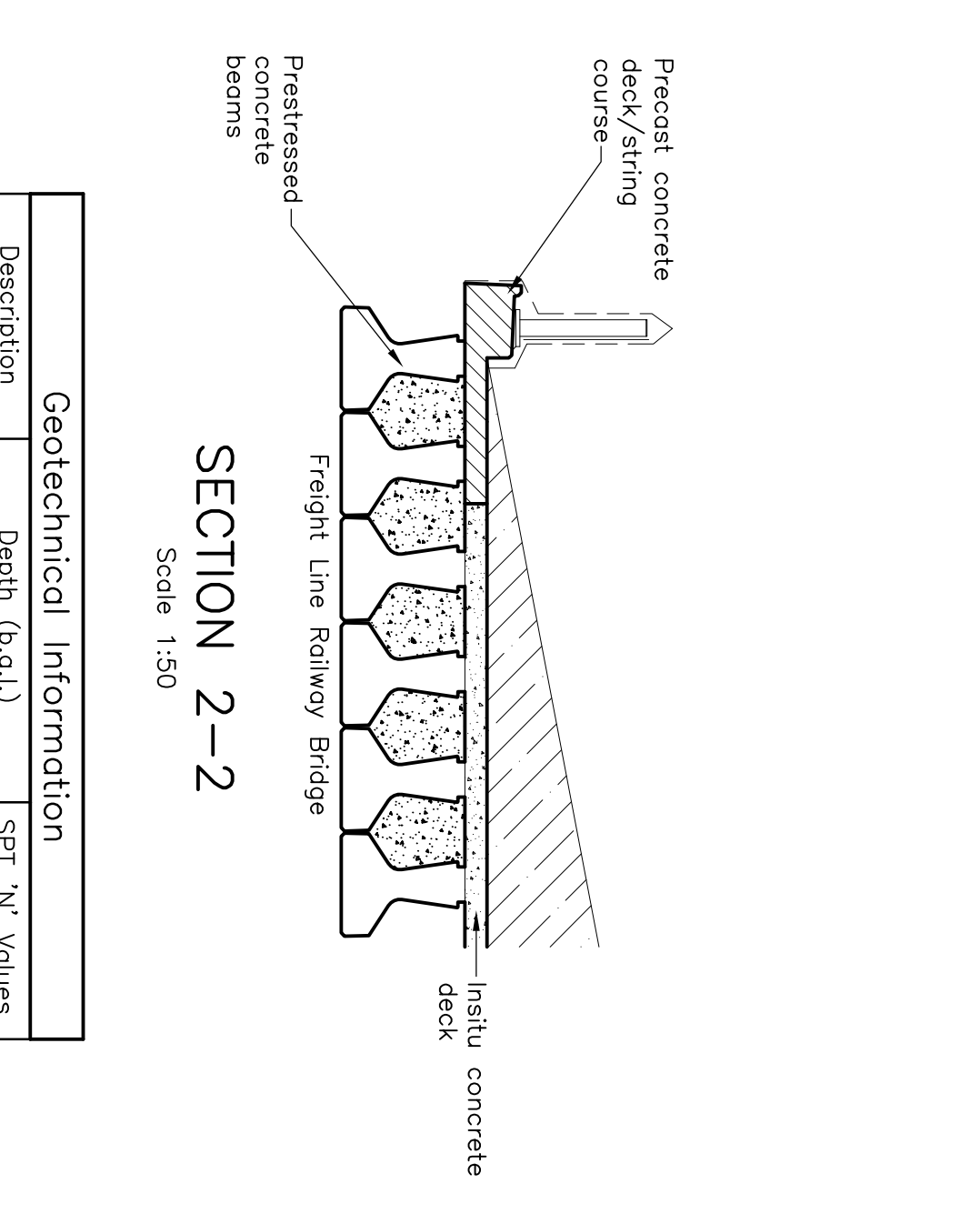
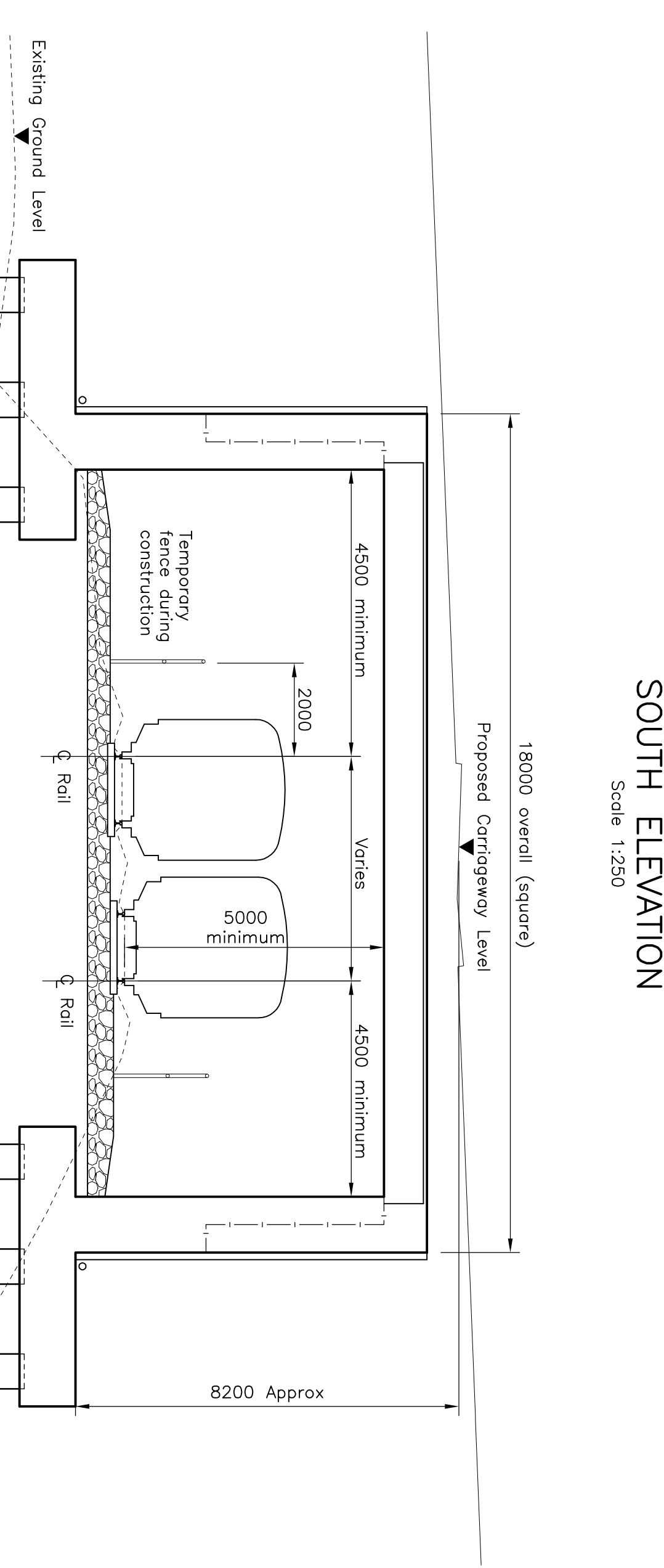
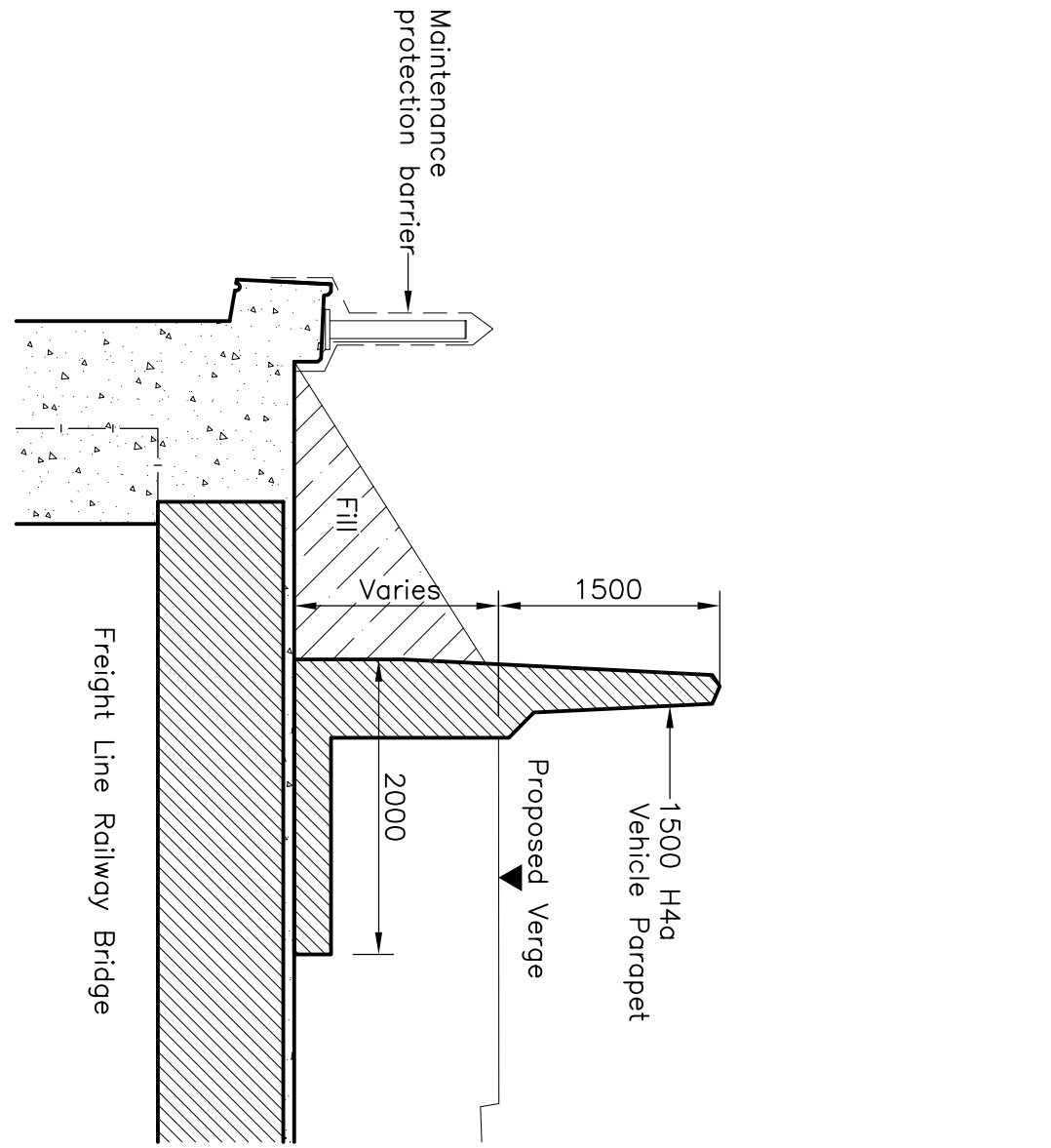
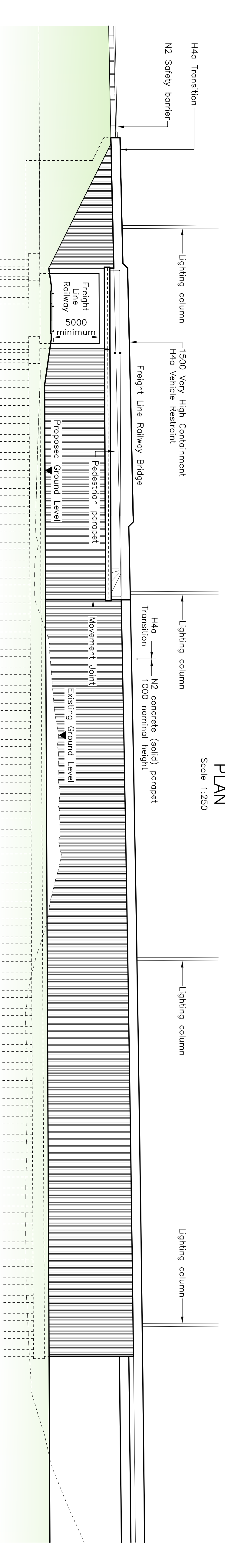
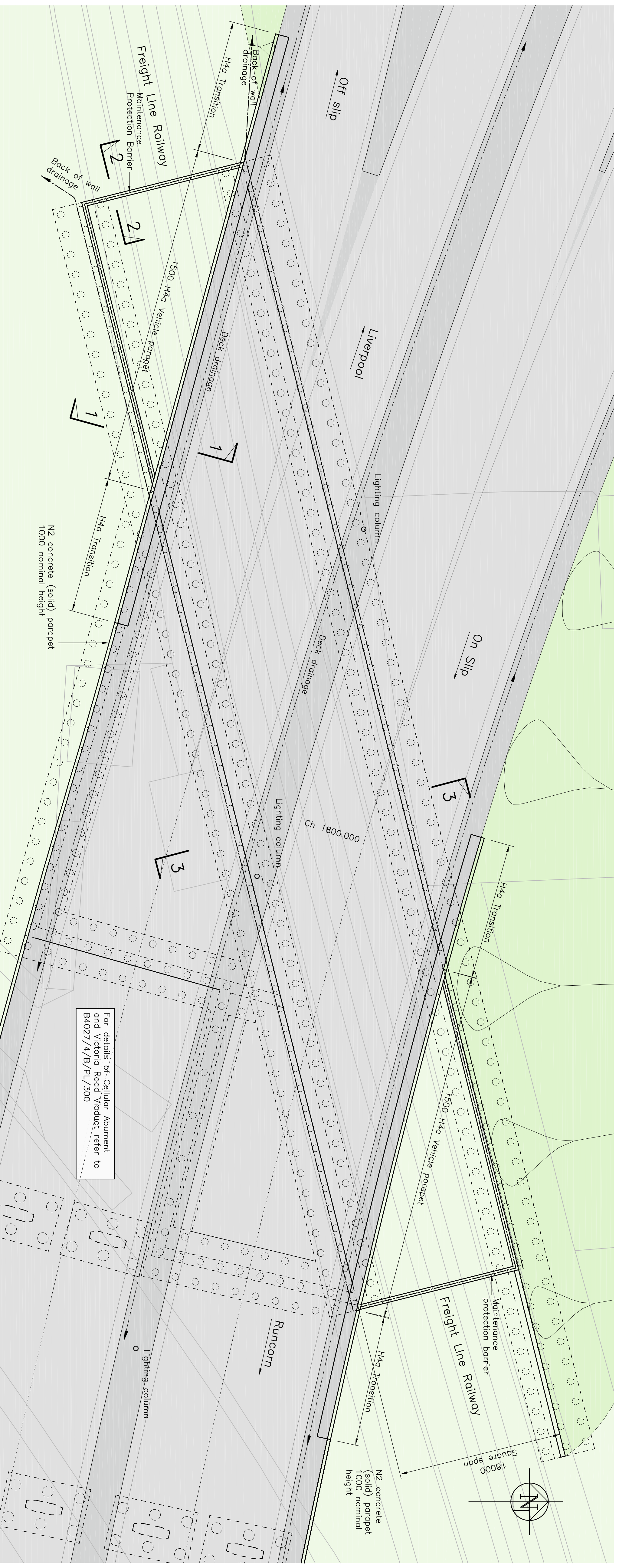


**NOTES**



1. All dimensions shown are in millimetres unless noted otherwise.
2. All levels are in metres above ordnance datum (m A.O.D.) unless noted otherwise.
3. Structure is a single square span integral bridge.
4. Piled foundations indicated as geotechnical information confirms that bedrock is at considerable depth.
5. Geotechnical information taken from Form 'C' using latest B.H. information.
6. Parapets to be normal containment (N2) vehicle parapets in accordance with 1.0/19.
7. Bridge deck surface and subsurface water and through decks.
8. Abutment back of wall drainage to consist of drainage layer and 150 diameter porous pipework connected into highway drainage via a roddable closed system.
9. All exposed vertical concrete surfaces to receive a patterned profile finish with 50mm deep vertical feature grooves at 160mm centres.
10. Scheme lighting to be 15 metre high masts as indicated by Halton Borough Council design.



Geotechnical Information		
Description	Depth (b.g.l.)	SPT 'N' Values
Made ground	0-3.5m	
Aluvium	3.5-5.5m	
Glacial deposits	5.5-30m	
		5-35 (Clay)
		13-17 (Sand)
No bedrock encountered		

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**Rev.**

1	DJ	15.03.08
2	PH	
3	SWJ	

**Client:** PLANNING DIRECTION

**Project:** THE RIVER MERSEY (MERSEY GATEWAY BRIDGE) ORDER

**Drawing Title:** PLANNING DIRECTION FREIGHT LINE RAILWAY BRIDGE GENERAL ARRANGEMENT

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Scale (at A1) Date Drawn  
As Shown DEC 2007 DJ

Dwg. no. **B4027/4/B/PL/200**

ORIGINAL DRAWING SIZE 841 x 594