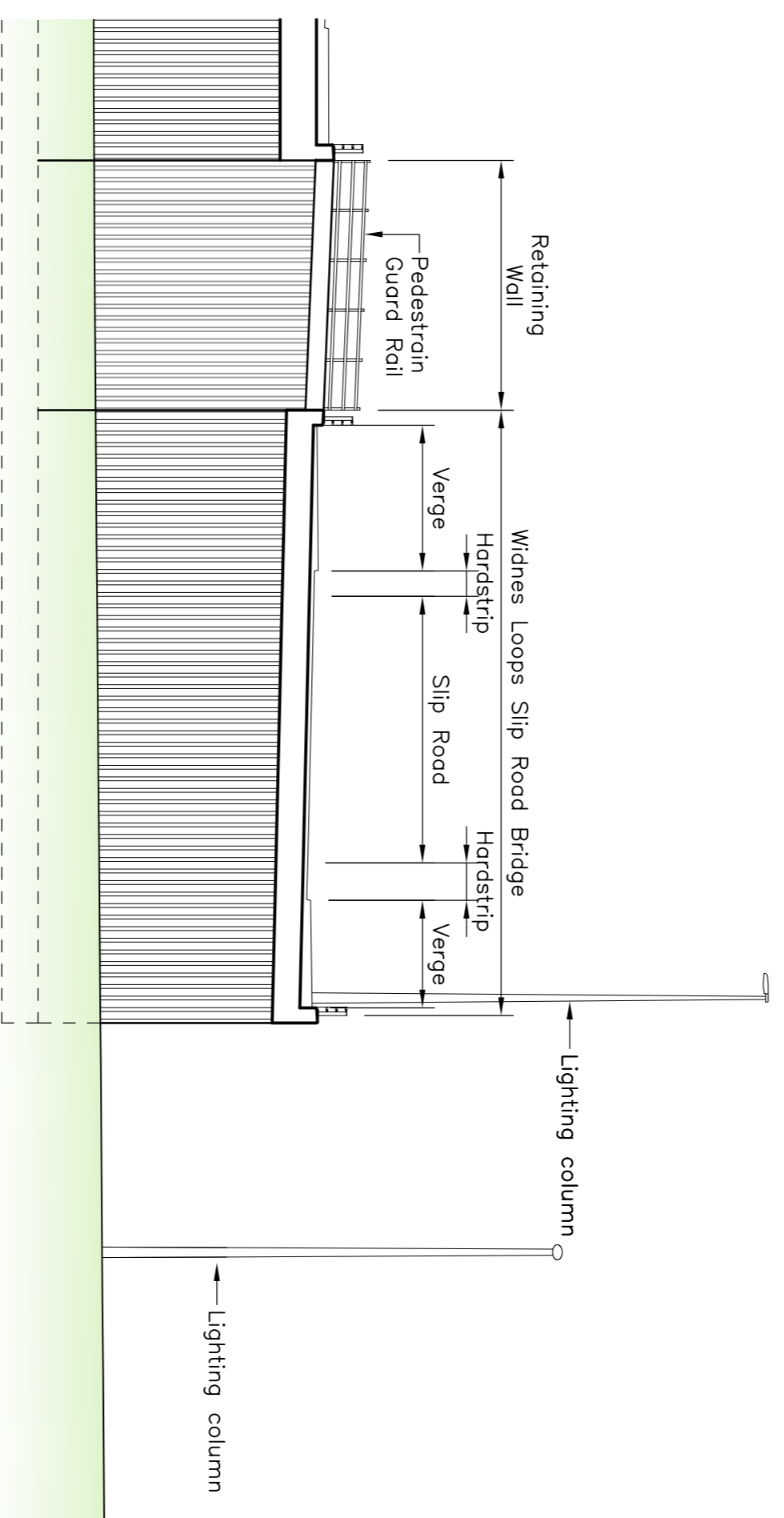
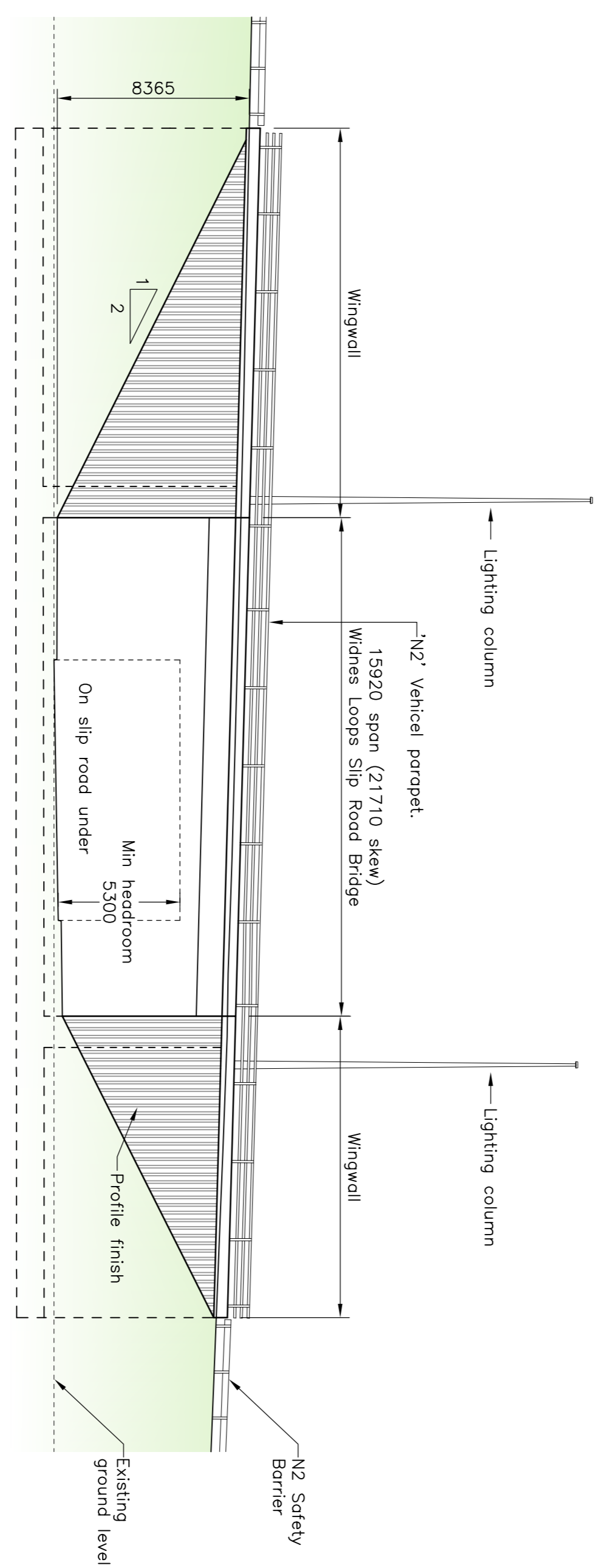


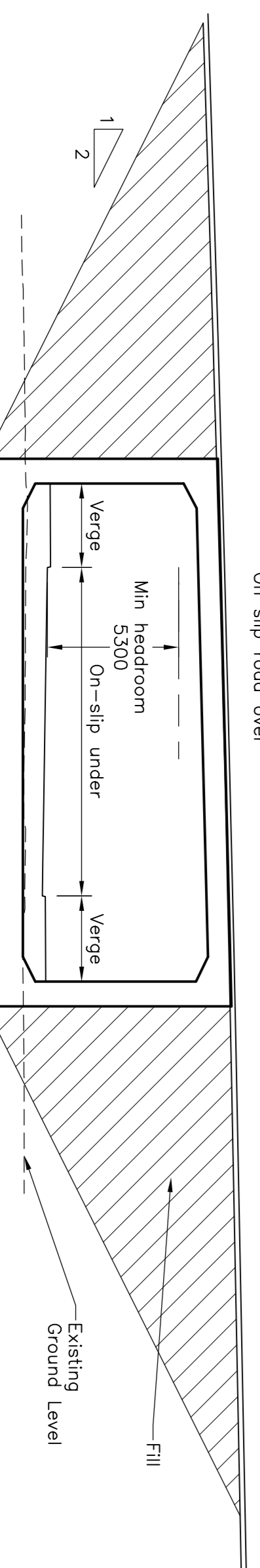
PLAN ON WIDNES LOPS SLIP ROAD BRIDGE (scale 1:250)



ELEVATION A-A (scale 1:250)



ELEVATION B-B (scale 1:250)



SECTION C-C (scale 1:250)

Geotechnical Information		
Description	Depth (b.g.l.)	SPT 'N' Values
Moist ground	0-5.4m	
Alluvium	5.4-10.1m	14-28 (Clay)
Glacial deposits	10.1-23.1m	13-27 (Sand)
No bedrock encountered		



NOTES

- All dimensions shown are in millimetres unless noted otherwise.
- All levels are in metres above ordnance datum (m A.O.D.) unless noted otherwise.
- Structure is a single span in situ reinforced concrete box culvert.
- Ground improvement techniques will be required to limit differential settlement to 25mm.
- Geotechnical information taken from Form 'C' using latest B.H. information.
- Parapets to be normal containment (N2) vehicle parapets in accordance with TD/19.
- Bridge deck surface and subsurface water drainage to be combined kerb/drain system and through decks.
- Abutment back of wall drainage to consist of drainage layer and 150 diameter porous pipework connected into highway drainage via a rodable closed system.
- All exposed vertical concrete surfaces to receive a patterned profile finish with 50mm deep vertical feature grooves at 150mm centres.
- Scheme lighting to be 15 metre high masts as indicated by Halton Borough Council design.

PLANNING DIRECTION

Rev.	Drawn	Chkd.	Appr'd	Date	Description
1	PH	SWJ		15.03.08	



Project: THE RIVER MERSEY (MERSEY GATEWAY BRIDGE) ORDER

Drawing Title: PLANNING DIRECTION WIDNES LOPS SLIP ROAD BRIDGE GENERAL ARRANGEMENT



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Scale (at A1)	Date	Drawn	Rev.
As Shown	NOV 2007	DJ	

Dwg. no. B4027/4/B/PL/610

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