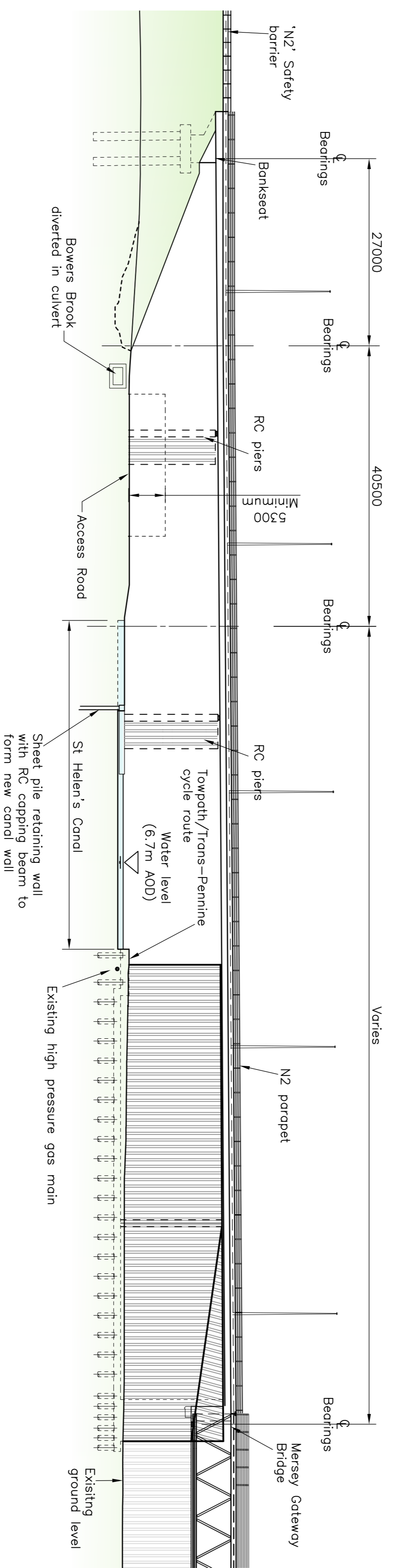
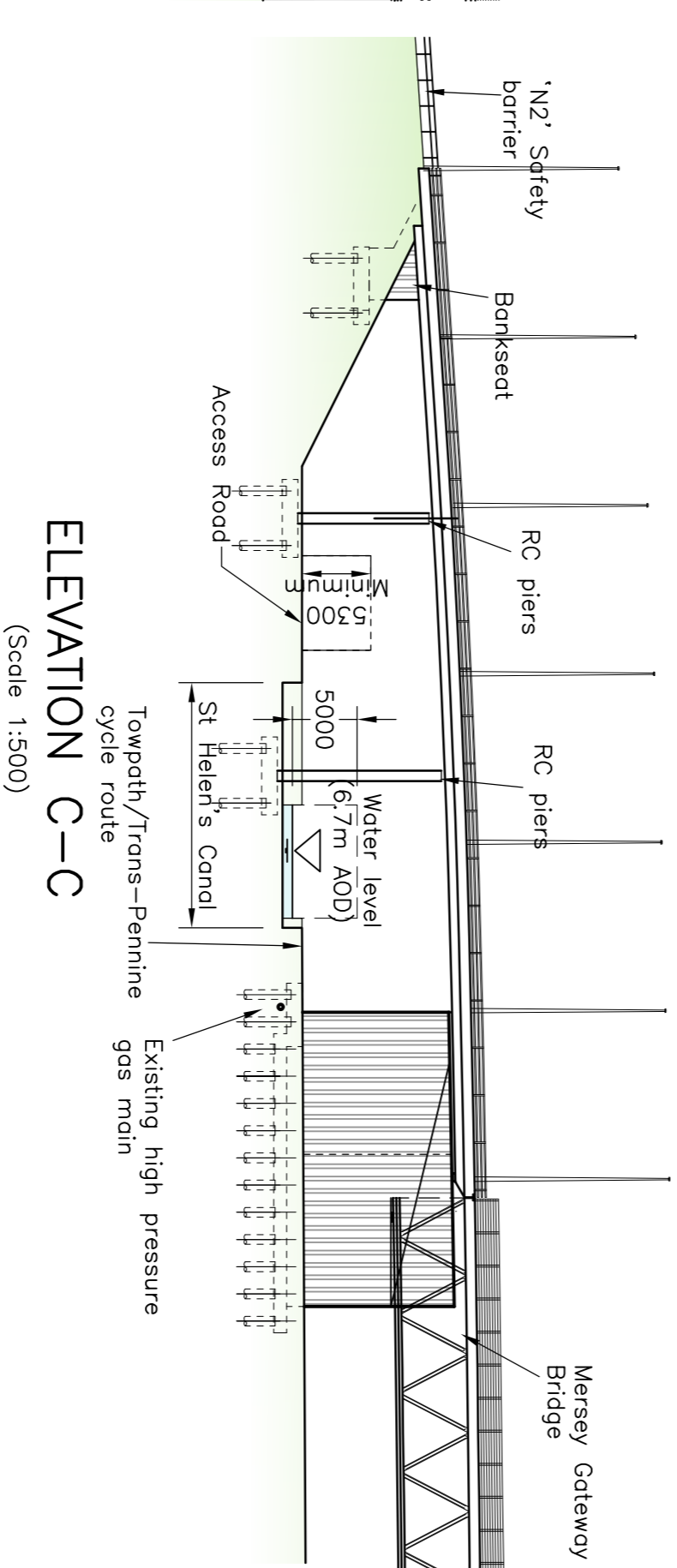


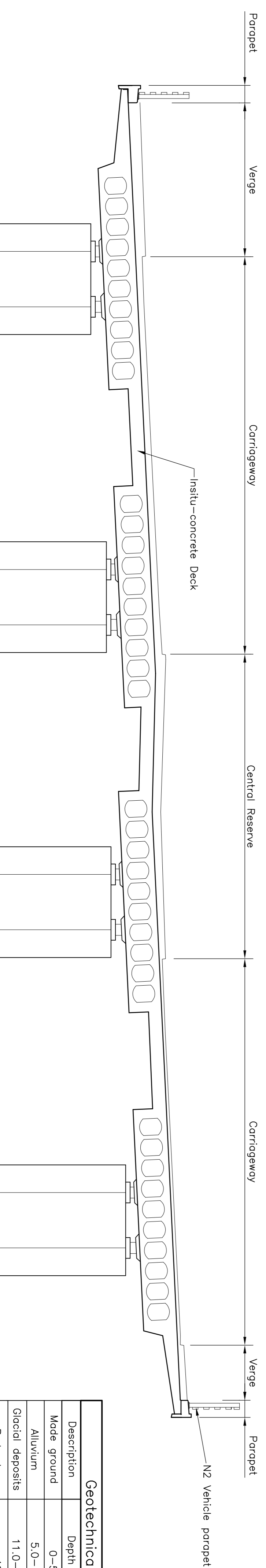
PLAN ON RIVER CROSSING NORTH ABUTMENTS/CANAL BRIDGE  
(Scale 1:500)



ELEVATION B-B  
(Scale 1:500)

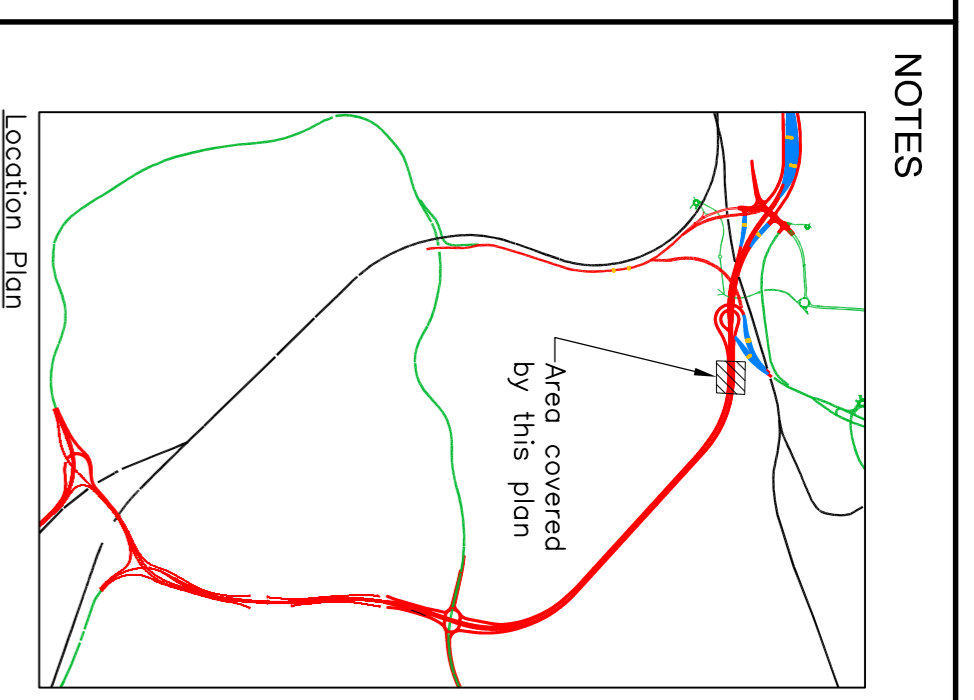


ELEVATION C-C  
(Scale 1:500)



SECTION A-A  
(Scale 1:100)

Geotechnical Information		
Description	Depth (b.g.±)	SPT 'N' Values
Made ground	0-5.0m	6-50 (Sand)
Alluvium	5.0-11.0m	>50 (Bedrock)
Glacial deposits	11.0-40.0m	
Bedrock	>40.0m	



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 2 span continuous bridge of either steel or prestressed concrete beams.
- Piled foundations indicated as geotechnical information confirms that bedrock is at considerable depth.
- Geotechnical information taken from Form C' using latest B.H. information.
- Parapets to be normal containment (N2) vehicle parapets in accordance with T.D./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 roddable 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.

Rev.	Description	Date
1	PLANNING APPLICATION	15.03.08
2		22.05.08
3		22.05.08
4		22.05.08
5		22.05.08
6		22.05.08
7		22.05.08
8		22.05.08
9		22.05.08
10		22.05.08



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

Drawing Title:  
**PLANNING DIRECTION  
NORTH ABUTMENT AND  
ST HELENS CANAL BRIDGE  
GENERAL ARRANGEMENT**



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Scale (at A1) Date Drawn  
AS SHOWN DEC 07 IL

Dwg no. **B4027B/PL/700** Rev. **A**

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10 0 10 20 50  
100mm NATURAL SCALE