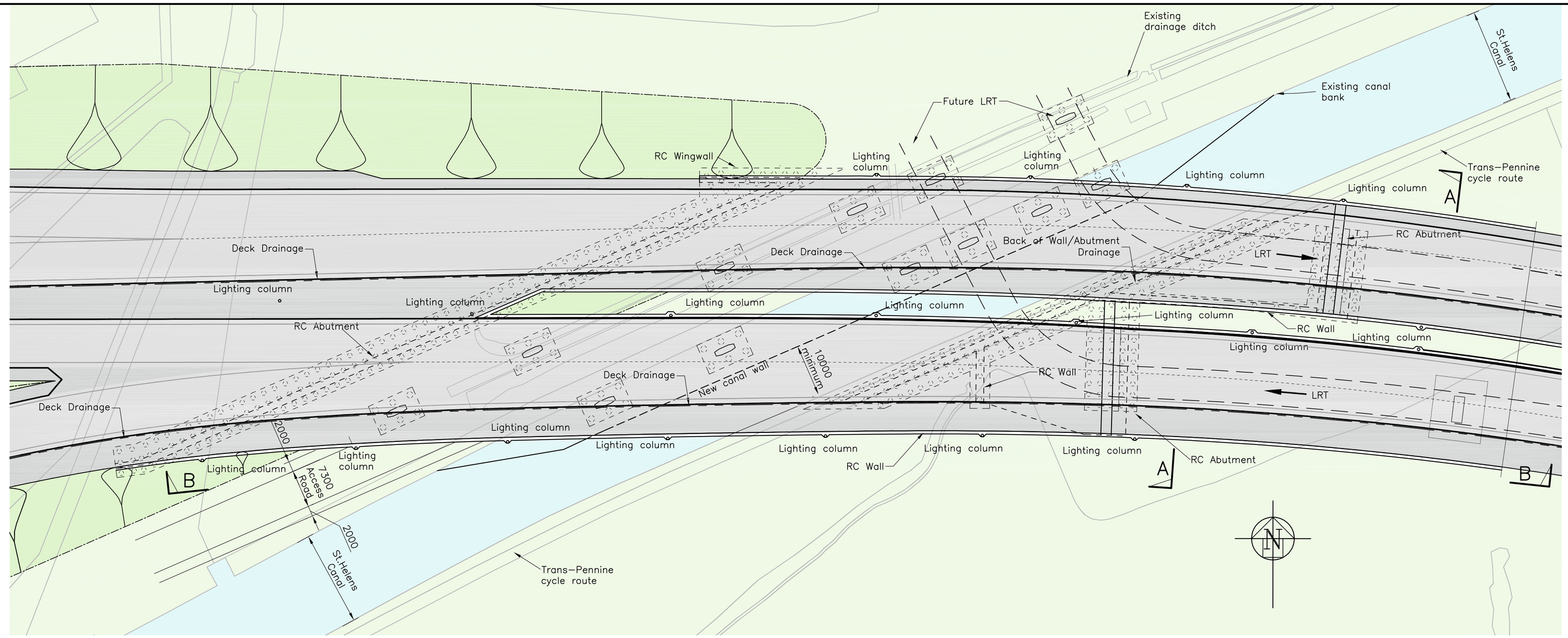
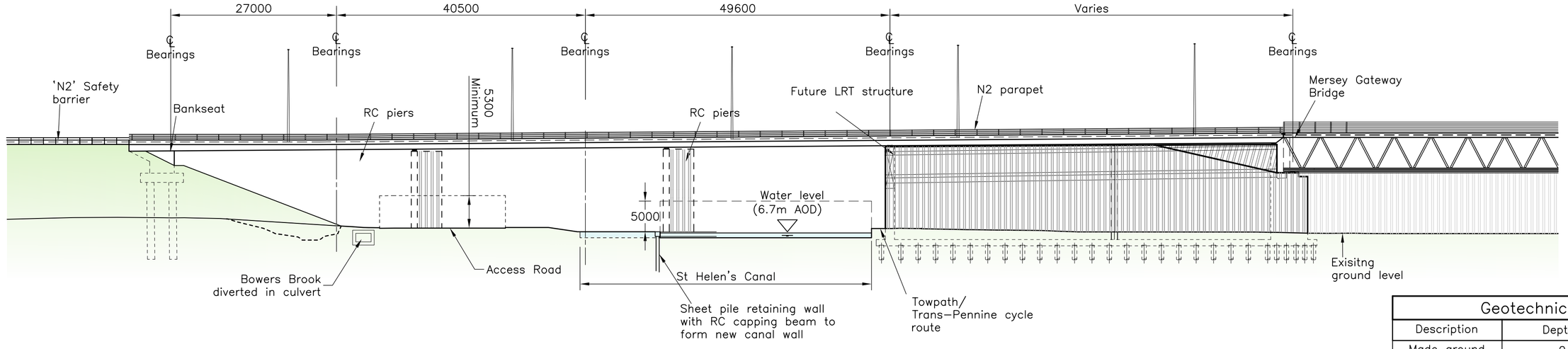


PLAN ON RIVER CROSSING NORTH ABUTMENTS/CANAL BRIDGE

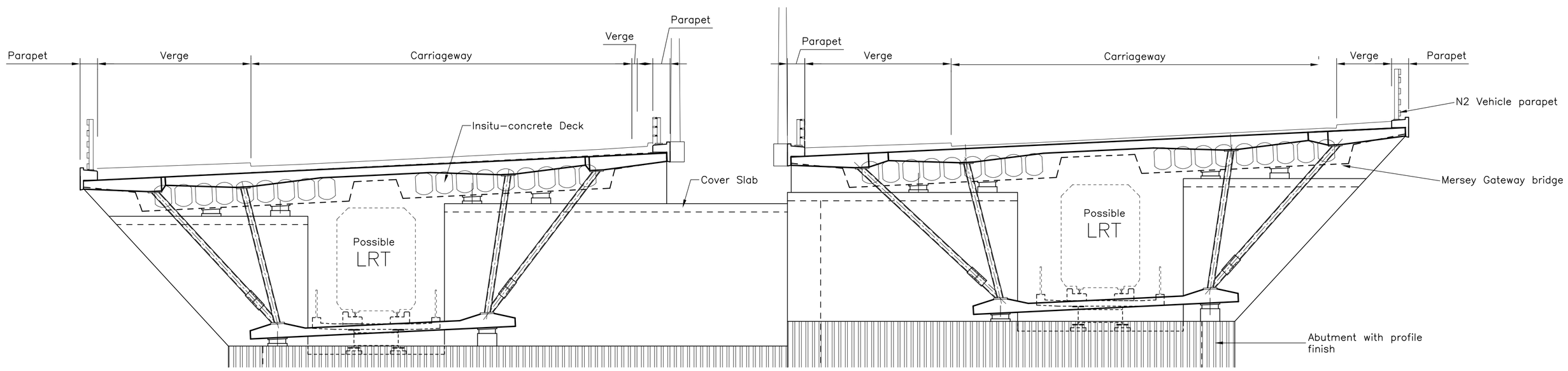
(Scale 1:500)



ELEVATION B–B

(Scale 1:500)

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



SECTION A–A

(Scale 1:100)

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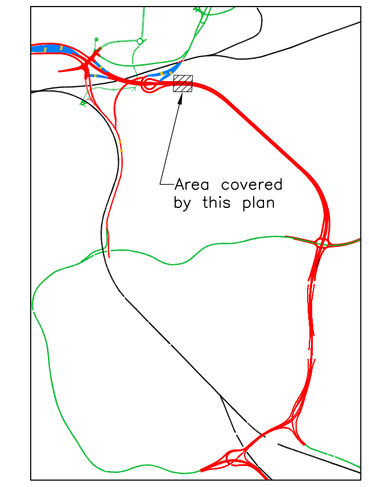
10 0 10 20 50 100mm NATURAL SCALE

NOTES



Location Plan

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 2 span continuous bridge of either steel or prestressed concrete beams.
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 T.D/19.
7. Bridge deck surface and subsurface water drainage to be combined kerb/drain system and through decks.
8. Abument back of wall drainage to consist of drainage layer and 150 diameter porous pipework connected into highway drainage via a rodable 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.

Rev.	Drawn	Chkd.	Apprvd.	Date	Description
	IL	PH	SWJ	15.03.08	PLANNING APPLICATION

Client

the mersey gateway
A BRIDGE TO PROSPERITY
Northwest REGIONAL DEVELOPMENT AGENCY

Project

THE MERSEY GATEWAY

Drawing Title

NORTH ABUTMENT AND ST HELENS CANAL BRIDGE GENERAL ARRANGEMENT

Gifford
20 Nicholas Street, Chester, CH1 2NX
Tel : 01244 311855 Fax : 01244 314560 www.gifford.uk.com

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

Drg. no.	Rev.
B4027/B/PL/700	-

ORIGINAL DRAWING SIZE 841 x 594