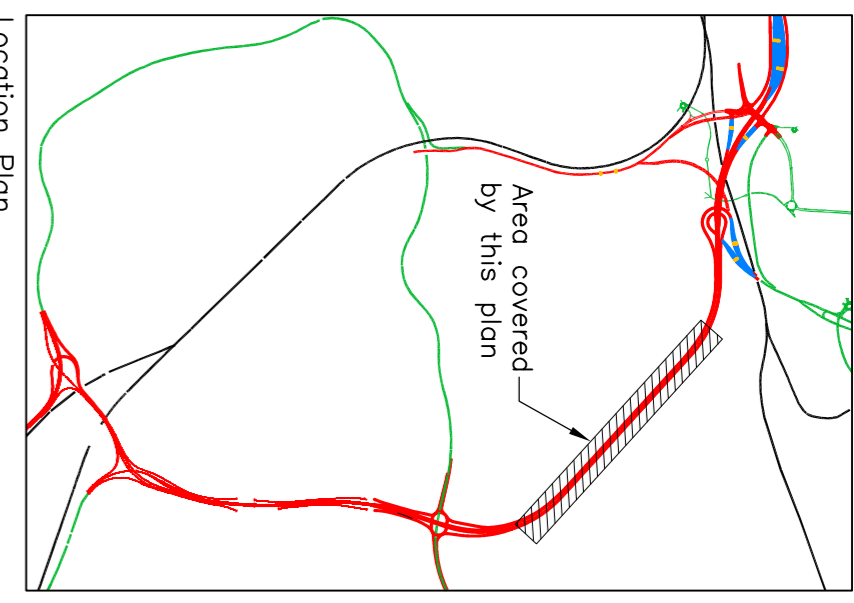


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10 0 10 20 50 100mm NATURAL SCALE

Geotechnical Information		
Description	Depth (b.g.l.)	SPT 'N' Values
Alluvium	North Approaches 0-10m Tower 0-9.3m South Approaches 0-8m	6-50 6-50 3-50
Glacial deposits	North Approaches 10-39m Tower North Approaches 2-10m South Approaches 9.3-52m	10-50 18-50 >50
Bedrock	North Approaches >40m Tower North Approaches 2-10m (varies) South Approaches 2-10m (varies)	>50 >50 >50



- 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 consists of multispan approach viaducts and 1000m of cable stayed bridge consisting of 4 spans supported by 3 towers.
 - 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 1.0/19.
 - 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 roadable closed system.
 - All exposed vertical concrete surfaces to receive a patterned profile finish with 50mm deep vertical feature grooves at 160mm centres.
 - Scheme lighting to be 15 metre high masts as indicated by Halton Borough Council design.

Rev. 1
Drawn PH
Chkd. SWJ
Apprvd. SWJ
Date 15.03.08

Client: PLANNING DIRECTION

Project: THE RIVER MERSEY (MERSEY GATEWAY BRIDGE) ORDER

Drawing Title: PLANNING DIRECTION MERSEY GATEWAY BRIDGE GENERAL ARRANGEMENT SHEET 1 OF 4

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

Dwg. no. B4027/4/B/PL/800 Rev. -

ORIGINAL DRAWING SIZE 841 x 594