



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

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 BH. 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. Abutment back of wall drainage to consist of drainage layer and 150 diameter porous pipework connected into highway drainage via a floodable 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 Holton Brown Council design.

PLANNING APPLICATION	15.03.08	SWJ	PH	DJ	-
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Client	Rev.
	Drawn
	Chkd.
	Apprv
	Date
	Description



THE MERSEY GATEWAY

FREIGHT LINE RAILWAY BRIDGE GENERAL ARRANGEMENT PLANNING

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

B4027/4/B/PL/200