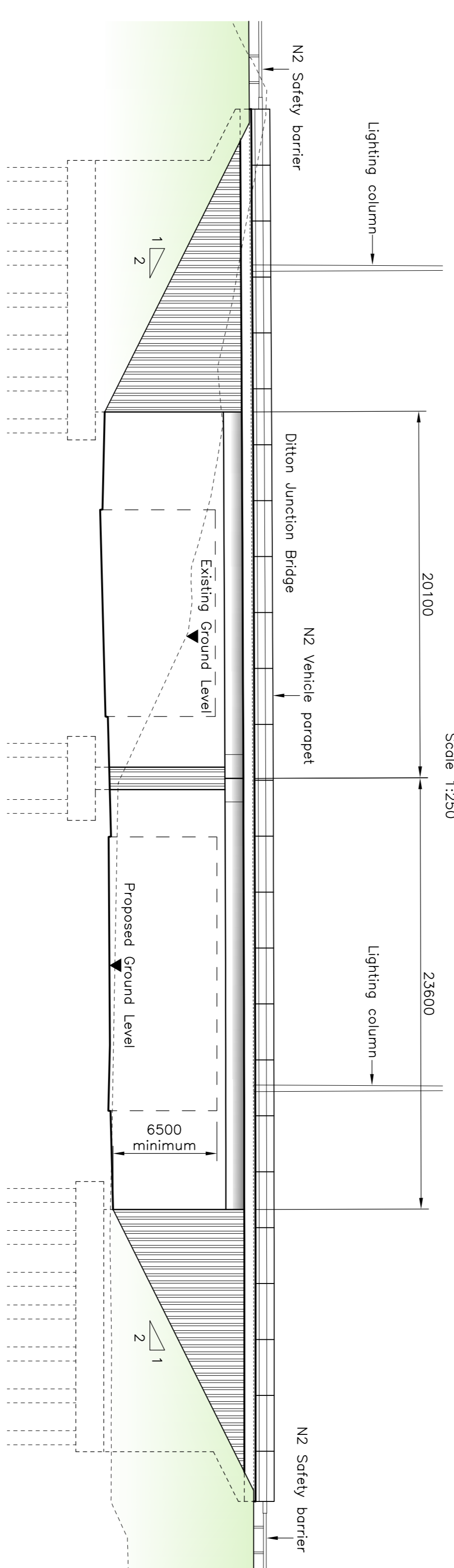


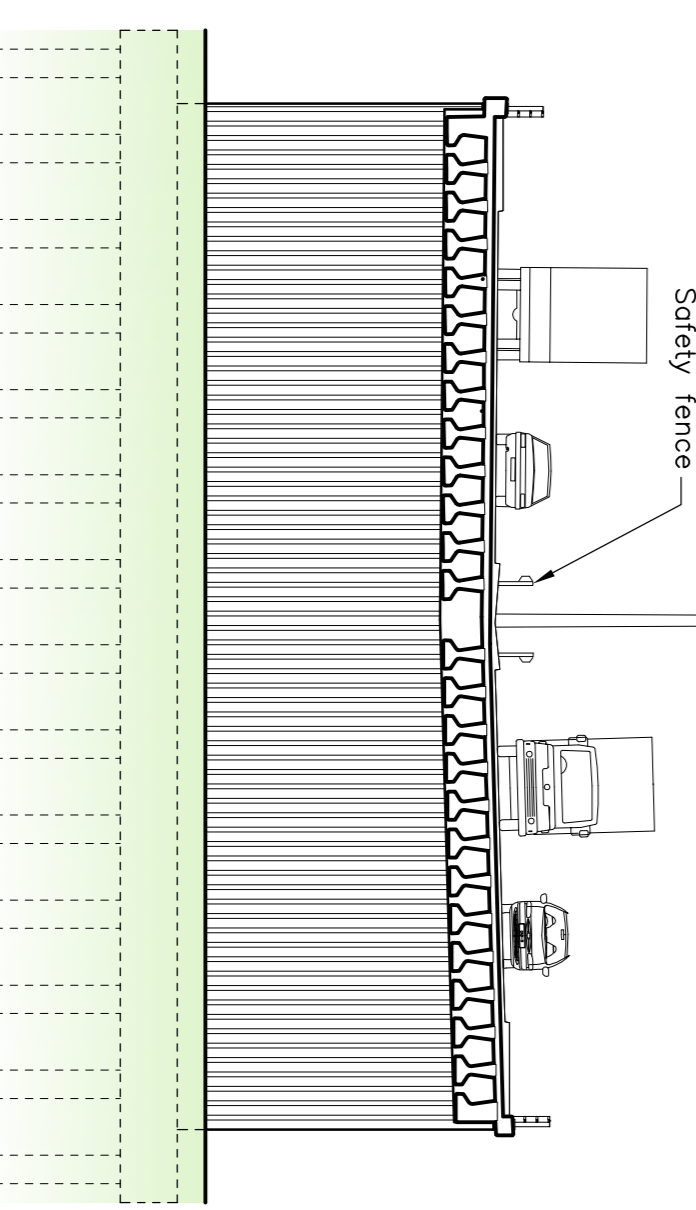


PLAN
Scale 1:250

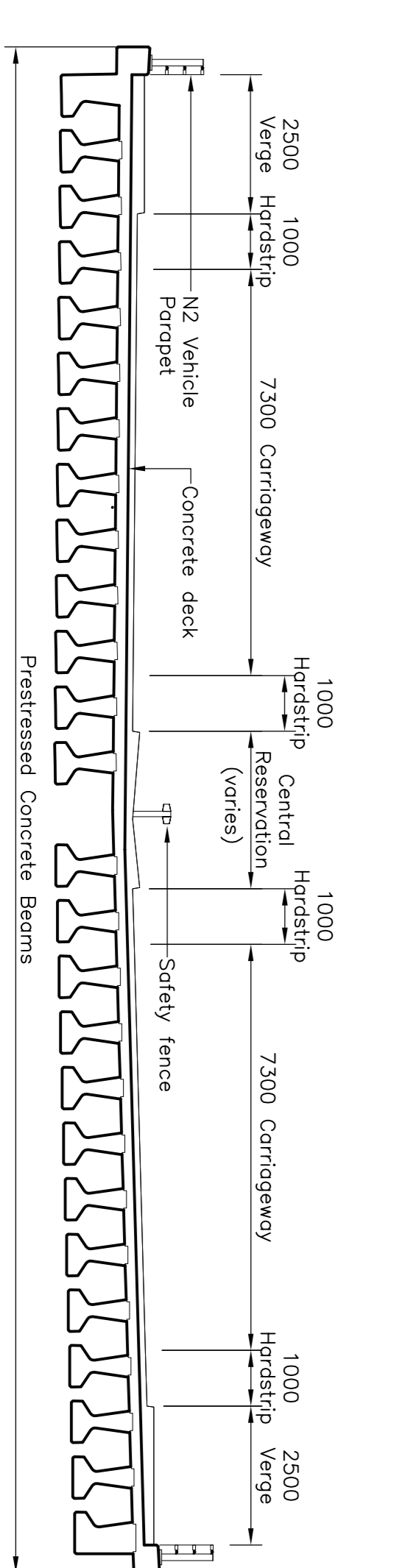


SOUTHWEST ELEVATION
Scale 1:200

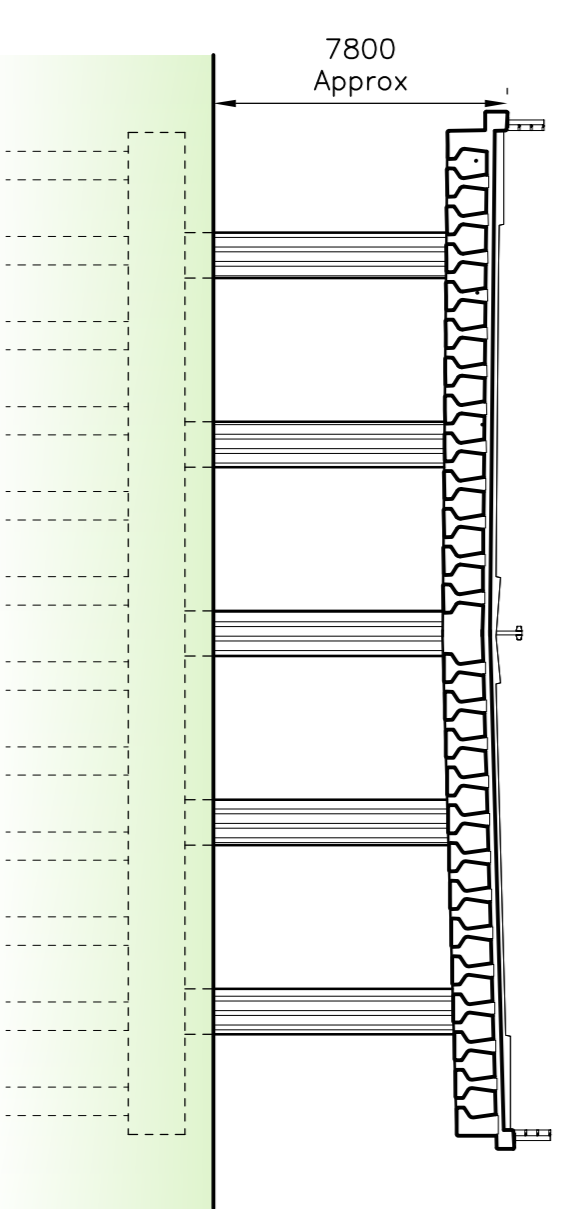
Geotechnical Information		
Description	Depth (b.g.l.)	SPT 'N' Values
Made ground	0-6m	14-45 (Clay)
Glacial deposits	6-53m	11-38 (Sand)
No bedrock encountered		



TYPICAL ELEVATION OF ABUTMENT
Scale 1:200

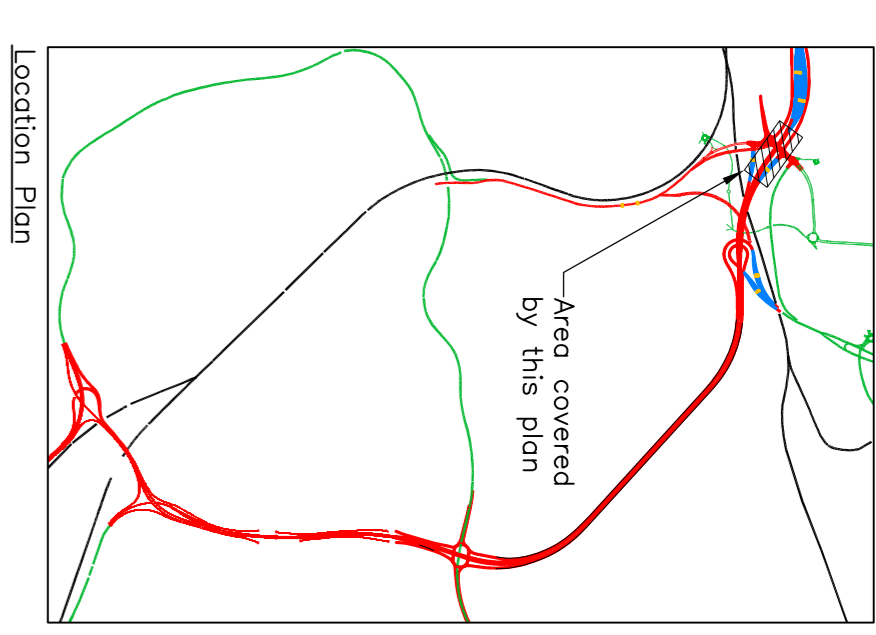


TYPICAL CROSS SECTION THROUGH DECK
Scale 1:100



ELEVATION OF CENTRAL PIERS
Scale 1:200

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 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 1.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 rodable 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 designed by Halton Borough Council.

Rev.	Description
1	PLANNING DIRECTION
Drawn	LL
Chkd.	PH
Apprvd	SWJ
Date	15.03.08



Project
THE RIVER MERSEY (MERSEY GATEWAY BRIDGE) ORDER

Drawing Title
**PLANNING DIRECTION
DITTON JUNCTION BRIDGE
GENERAL ARRANGEMENT**



20 Nicholas Street, Chester, CH1 2NX
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Scale	Date	Drawn	LL
(at A1)	NOV 2007		
As Shown			

Dwg. no.
B4027/4/B/PL/100

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