

RING BEAM WALLING LOADS		
No.	LEVEL TO CENTRE	UNF. LOAD (kN/m)
1	+108.70mOD	+125 (-22)
2	+104.20mOD	+467
3	+101.90mOD	+540

TABLE 1.

SHEET PILE COFFERDAM :  
27 No. NSP.3W Piles x  
12.00m Long

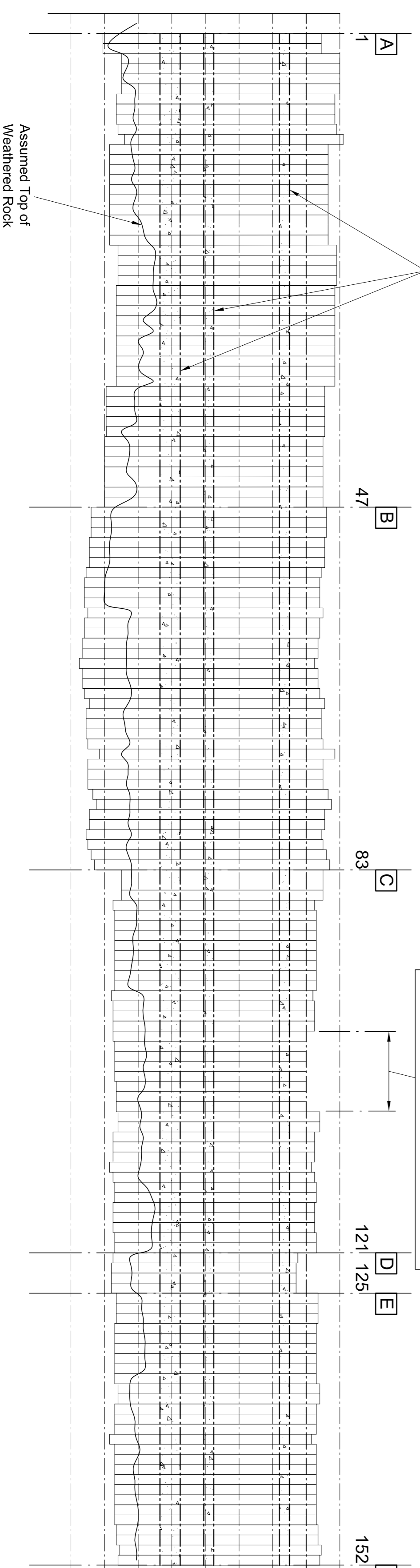
SHEET PILE COFFERDAM :  
4 No. NSP.3W Piles x  
11.00m Long

SHEET PILE COFFERDAM :  
38 No. NSP.3W Piles x  
12.00m Long

SHEET PILE COFFERDAM :  
47 No. NSP.4W Piles x  
13.00m Long

GENERAL ARRANGEMENT PLAN : SHEET PILE COFFERDAM  
Scale 1:100 @ A1

Proposed RC Ring Beams



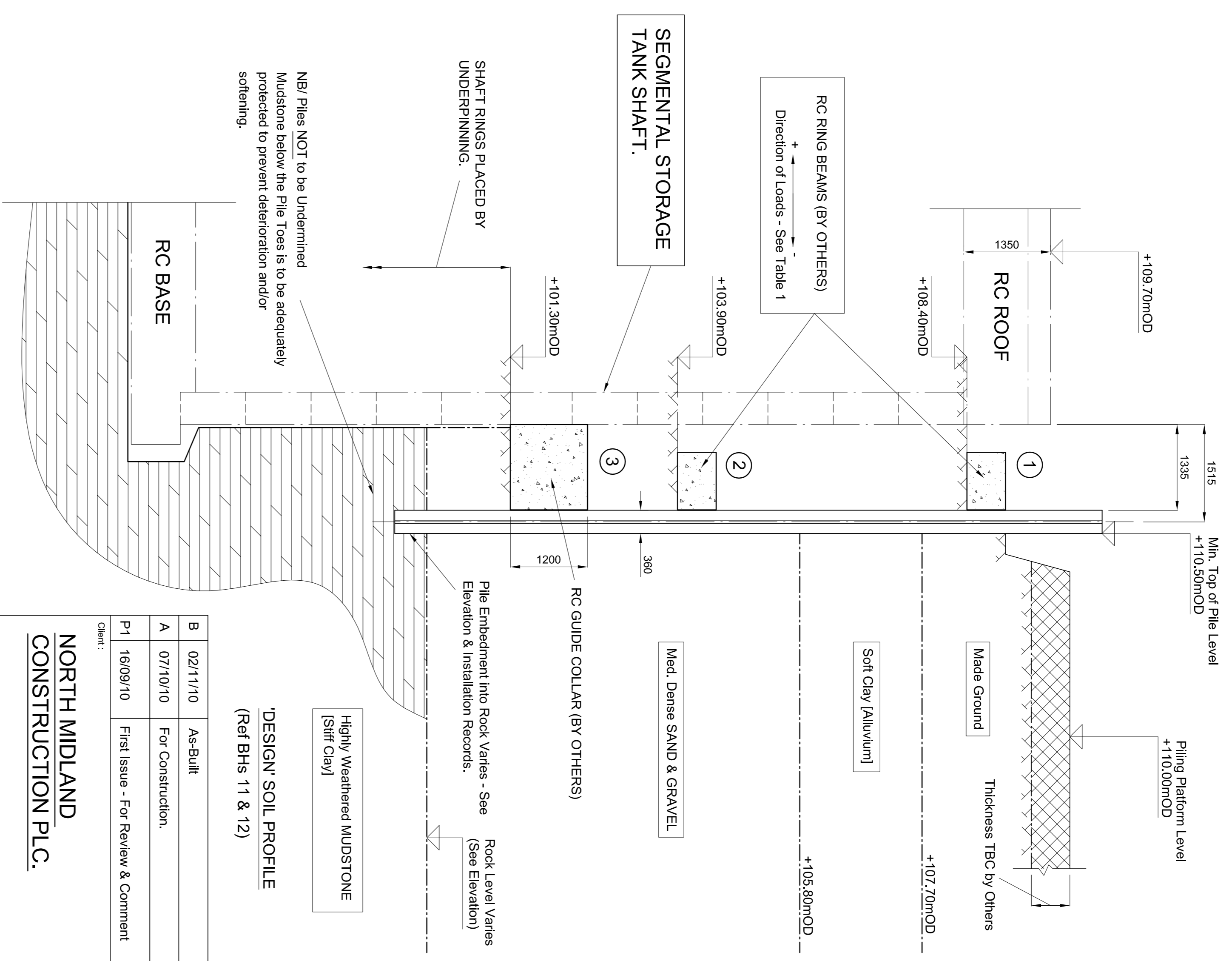
PILE NOS 101, 102, 103,  
104, 105, 106, 107, 108 cut  
to ground level for transport  
access

SHEET PILE COFFERDAM :  
36 No. NSP.4W Piles x  
14.00m Long

Piling Platform Level

- +112.00mOD
- +110.00mOD
- +108.00mOD
- +106.00mOD
- +104.00mOD
- +102.00mOD
- +100.00mOD
- +98.00mOD
- +96.00mOD

DEVELOPED ELEVATION : SHEET PILE COFFERDAM  
Scale 1:200 @ A1



TYPICAL SECTION X - X  
Scale 1:50 @ A1

NOTES

- See also SP-UK Method Statement.
- Setting Out by Others.
- Sheet Pile Driving / Installation records are to be taken to ensure that the required minimum pile embedment and toe/n to the underlying Weathered Mudstone has been achieved. The stability analysis, sheet pile design and RC Ring Beam loadings are to be reviewed upon receipt of this information.
- Design & Construction of the RC Ring Beams and the RC Guide Collar (and supports) are to be by others. The unfactored horizontal walling loads per meter are given in Table 1.
- NB/A de-bonding layer/s to be incorporated to facilitate sheet pile extraction.
- There is no 'accidental overdig' allowance in the design. Therefore the excavation works are to be closely monitored and controlled to prevent excavation below the staged excavation levels given.
- See SP-UK Pile Driving and Installation Records for As-Installed Piles and Levels etc.

DESIGNER SOIL PROFILE  
(Ref BHS 11 & 12)

Rev	Date	Description	By	Checked
B	02/11/10	As-Built	GAP	GAP
A	07/10/10	For Construction.	GAP	GAP
P1	16/09/10	First Issue - For Review & Comment	GAP	GAP

Client:  
NORTH MIDLAND  
CONSTRUCTION PLC.

Project:  
LYME VALLEY CSO's :  
STORAGE TANK.

SHEET PILE COFFERDAM :  
PLAN, SECTIONS &  
DETAILS

Scale	Shown	Drawn By	Checked
Sept 2010	Shown	G.Potts	
Original Size A1	Drawing No.	C816/GA01	Revision: B

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AS - BUILT

