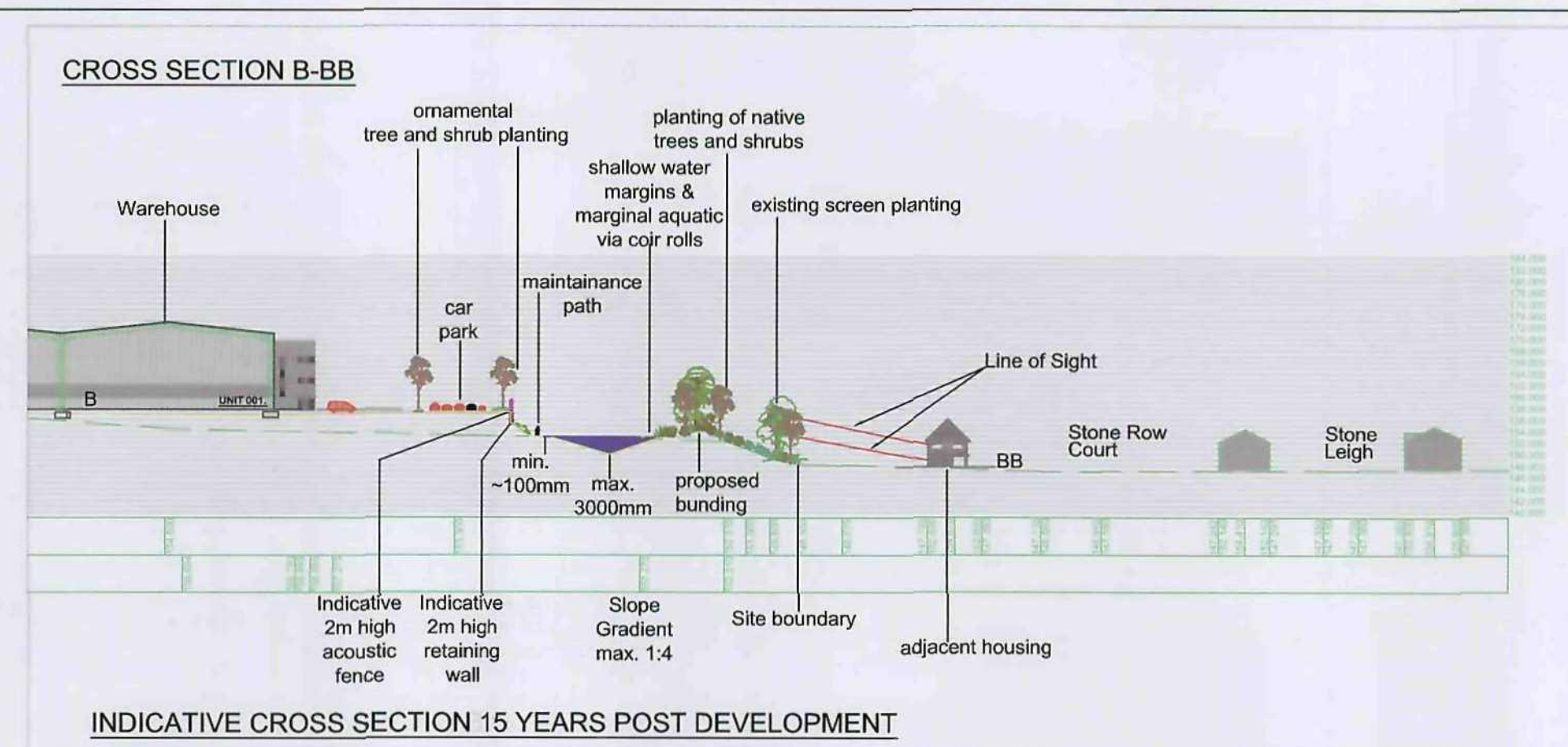
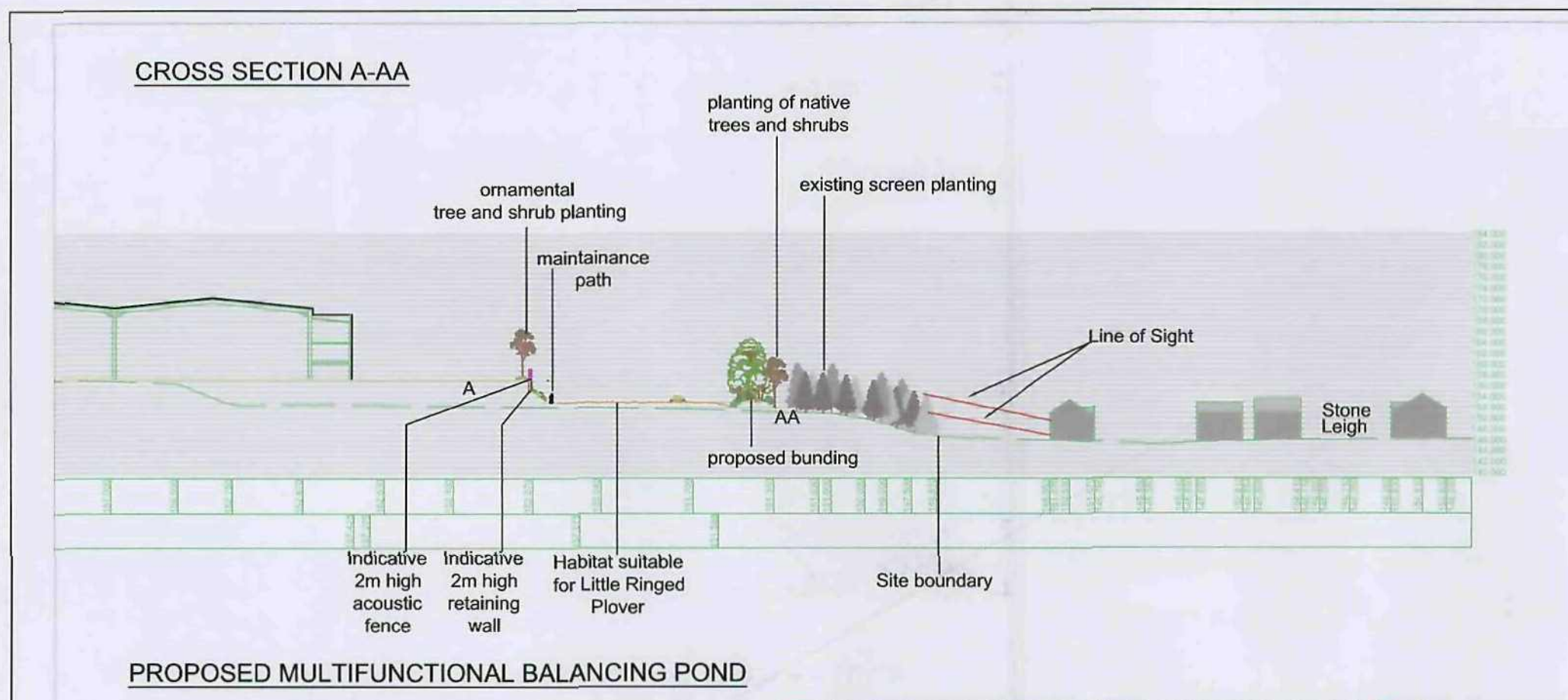




Notes:
ALL COORDINATES RELATED TO LOCAL GRID LOCATED TO OS NG BY BEST FIT TO DETAIL, EXTRACTED FROM OS DIGITAL DATA.

- Site boundary
- Existing planting to be retained
- Proposed bunding
- Screening planting to include evergreen species
- Proposed aquatic marginal planting
- Proposed ornamental tree planting
- Proposed sparse vegetation to include; *Dactylis glomerata*, *Erica tetralix*, *Rosa canina*, *Ulex europaeus*, *Lotus corniculatus*
- Proposed Little Ringed Plover nesting habitat
- Existing natural regeneration area
- Proposed multifunctional balancing pond
- Proposed ornamental shrubs and ground cover
- Indicative proposed retaining wall
- Indicative proposed acoustic fence
- Indicative gated fence
- Proposed structures
- Proposed hardstanding
- Proposed car parking areas

REVISIONS

No	Description	By	Date	Chkd
A	Extended Water Body	CS	05/06/08	MP
B	Integrated Detail	CS	13/06/08	MP
C	Balancing Pond	CS	24/06/08	MP
D	Balancing Pond	CS	27/06/08	MP

Goodlass House
Goodlass Road
Liverpool
L24 9HJ
Tel: 0151 4482464

LANDSCAPE PLANNING LTD

ISSUE:

PLANNING

CLIENT:

Gladman Developments Ltd

LOCATION:

Wentworth Industrial Estate, Tankersley

DRAWING TITLE:

Landscape Detail & Sections

SCALE: 1:500 @ A1

BASED UPON:

2940-200-0-Site

DRAWN BY: CS

CHKD BY: MP

DATE: 27/06/2008

DRAWING No:

L7941.04D

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Barnsley Metropolitan Borough Council

26 AUG 2008

Corporate Mail Room

Species	Planting height/width	Root condition	Density Per m2
Ornamental Trees			
Acer campestre	16-18cm girth	BR	As shown
Betula pendula	2.5-3.0m	120L	As shown
Corylus avellana	1.5-2.0m high	25L	As shown
Salix purpurea	1.5-2.0m high	25L	As shown
Quercus robur	12-14cm girth	120L	As shown
Tilia cordata	16-18cm girth	BR	As shown
Pinus sylvestris	2-3 x 0	65L	As shown
Malus sylvestris	40-60cm	3L	As shown
Woodland Mitigation Planting			
Betula pendula	600-800mm	BR	2m centres
Quercus robur	600-800mm	BR	2m centres
Woodland Mitigation Understorey Planting			
Betula pendula	600-800mm	BR	2m centres
Quercus robur	600-800mm	BR	2m centres
Hedging			
Crataegus monogyna	400-600mm	3L	4 per linear metre
Prunus spinosa	400-600mm	3L	4 per linear metre
Corylus avellana	350-500mm	3L	4 per linear metre
Ilex aquifolium	400-600mm	3L	4 per linear metre
Malus sylvestris	400-600mm	3L	4 per linear metre
Shrubs			
Buddleia 'Lochin'	400-600mm	3L	3
Crataegus 'Blue mound'	300-400mm	3L	3
Chaenodorus japonica	300-400mm	3L	3
Cornus sanguinea	400-600mm	3L	3
Rosa arvensis	400-600mm	3L	3
Viburnum opulus	300-400mm	3L	3
Groundcover			
Alnus repens	-	2L	5
Grasses			
British Seed Houses A19 Housing and Industrial Grass seed mix or similar	-	-	35g/m2
Screening bund			
Alnus glutinosa	600-800	BR	2m centres
Betula pendula	600-800	BR	2m centres
Betula pubescens	600-800	BR	2m centres
Crataegus monogyna	600-800	BR	2m centres
Prunus spinosa	600-800	BR	2m centres
Malus sylvestris	600-800	BR	2m centres
Sorbus aucuparia	600-800	BR	2m centres
Little Ringed Plover Habitat Vegetation			
Calluna vulgaris	-	2L	4
Dryas glomerata	250	1L	3
Erica tetralix	-	2L	4
Lotus corniculatus	250	1L	4
Rosa canina ssp.	400-600	2L	2m centres
Ulex europaeus	300-400	2L	2m centres
Aquatic Coir Rolls			
200mm dia Coir fibre roll, pre-planted with standard stock mix, secured with 75mm pointed timber posts. Supplied by Terraquin (or similar) Tel 01483 205652			

NOTES
This plan is prepared for the purpose of a planning submission.
No measurements should be scaled off the drawing.

This plan has been prepared without the position of all underground and overhead services being known. Prior to implementation, the position of all underground services should be ascertained and the location of new trees should either meet the planting guidelines of the relevant service provider or otherwise be agreed and root barriers be used, if required. The position of new tree planting will also have an impact on the position of street lighting due to the effect on shading by their canopy.

This plan should be read in conjunction with the Landscape Planning Limited Report - *Revised Planting Implementation and Aftercare Maintenance Programme*.

Topsoil to be in accordance with BS 3882 (2007) Topsoil.

Landscape works to be undertaken in accordance with BS 4428 (1989) Code of Practice for General Landscape Works.

Should Little Ringed Plover subsequently breed on habitat created for this purpose a licence will need to be obtained from Natural England by a suitably qualified ecologist prior to any visits to nesting areas. In addition, area must be kept clear of vegetation to maintain nesting viability the operations for which are outlined in the Landscape Planning Report - *Revised Planting Implementation and Aftercare Maintenance Programme*.



LANDSCAPE PLANNING LTD

Notes:
ALL COORDINATES RELATED TO LOCAL GRID LOCATED TO OS NG BY BEST FIT TO DETAIL, EXTRACTED FROM OS DIGITAL DATA.

- Site boundary
- Extent of area for tree mitigation proposals
- Existing planting to be retained
- Proposed bunding
- Screening planting to include evergreen species
- Woodland mitigation planting
- Proposed Malus sylvestris
- Proposed aquatic marginal planting
- Proposed ornamental tree planting. For further details see sheets L7941.05_09A
- Proposed sparse vegetation to include: Dactylis glomerata, Erica tetralix, Rosa canina, Ulex europaeus, Lotus corniculatus. For further details see sheet L7941.04D
- Proposed Little Ringed Plover nesting habitat. For further details see sheet L7941.04D
- Existing natural regeneration area
- Proposed multi-functional balancing pond
- Proposed ornamental shrubs and ground cover. For further details see sheets L7941.05_09A
- Existing or re-seeded grass area
- Indicative proposed retaining wall
- Indicative proposed acoustic fence
- Indicative gated fence
- Proposed structures
- Proposed hardstanding
- Proposed car parking areas

REVISIONS				
No	Description	By	Date	Chkd
A	ADDITIONAL PARKING	SC	19-12	DK
B	BARNSELY MBC CONDITIONS	CS	29-05	DK
C	DRAINAGE POND	CS	10-06	DK

Goodlass House
Goodlass Road
Liverpool
L24 9HJ
Tel: 0151 4482464

LANDSCAPE PLANNING LTD

ISSUE:
PLANNING

CLIENT:
Gladman Developments Ltd

LOCATION:
Wentworth Industrial Estate, Tankersley

DRAWING TITLE:
Indicative Landscape Master Plan

SCALE: 1:1000 @ A1

BASED UPON:
2940-200-0-Site

DRAWN BY: CHKD BY: DATE: 29/05/2008

DRAWING NO: L7941.03C

REV: C

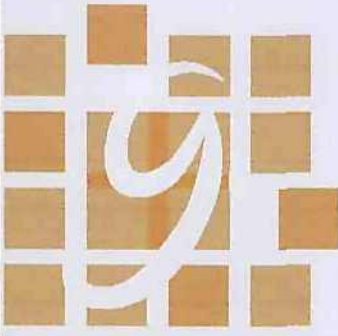
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Barnsley Metropolitan Borough Council

26 AUG 2008

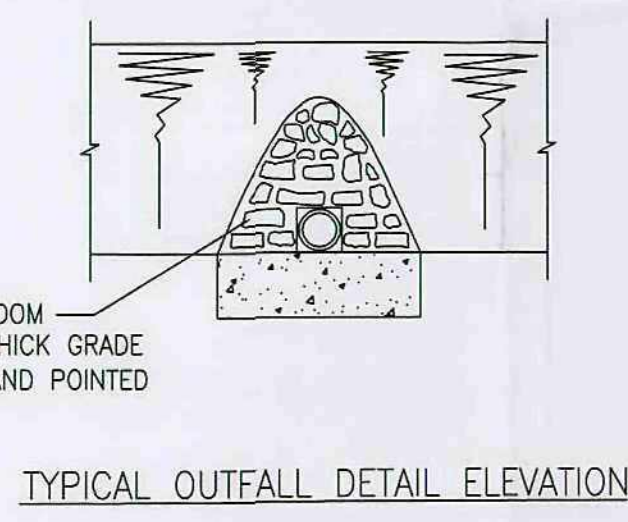
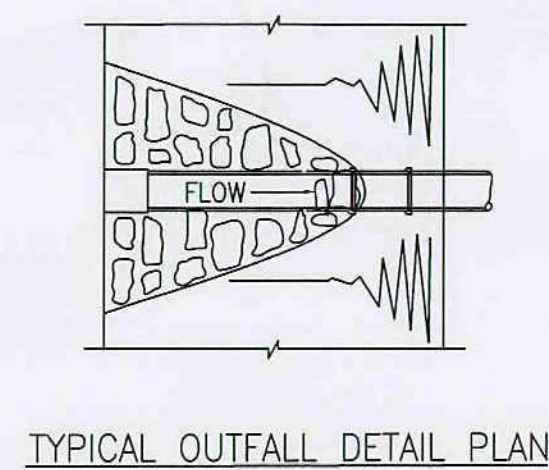
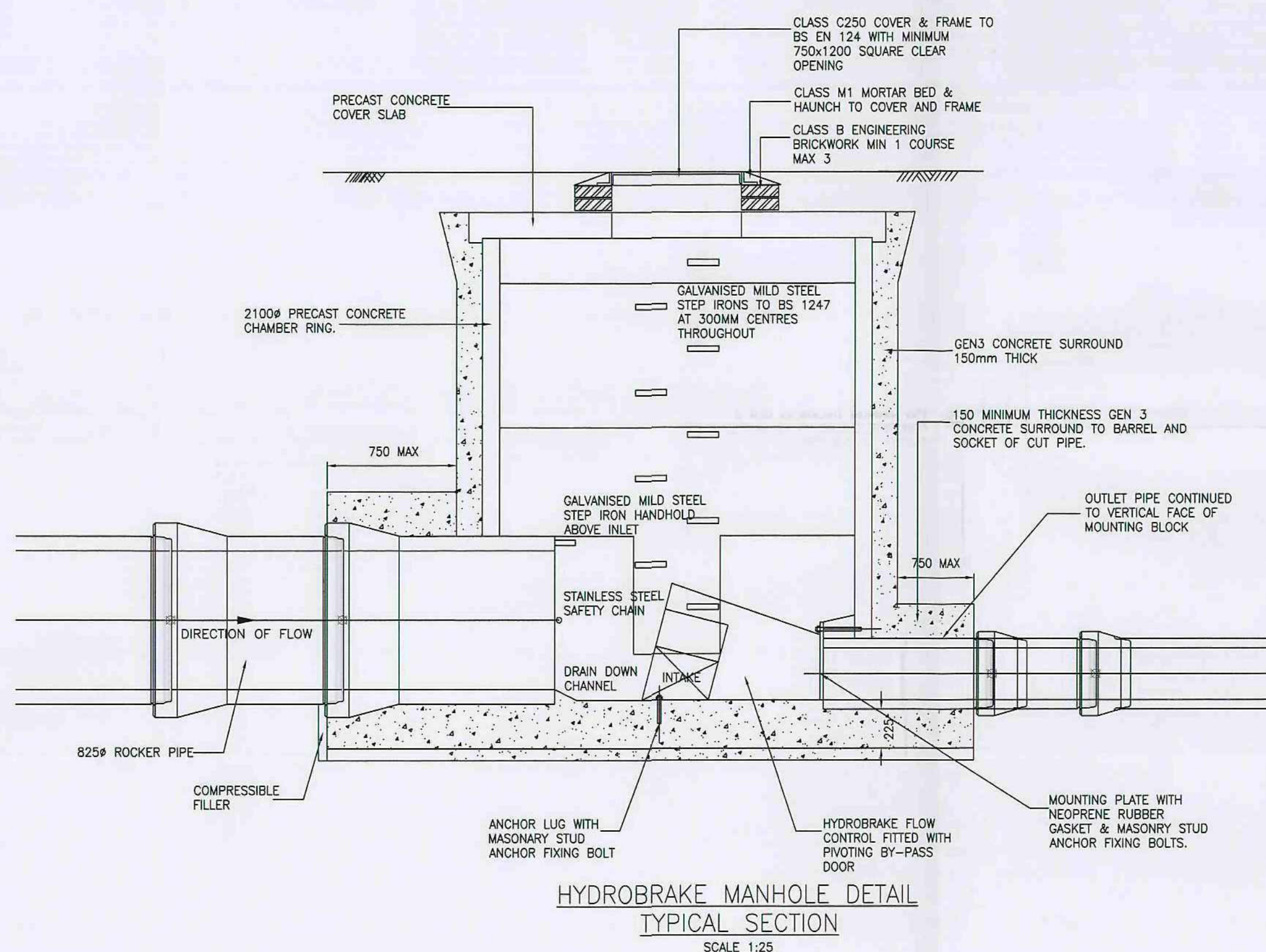
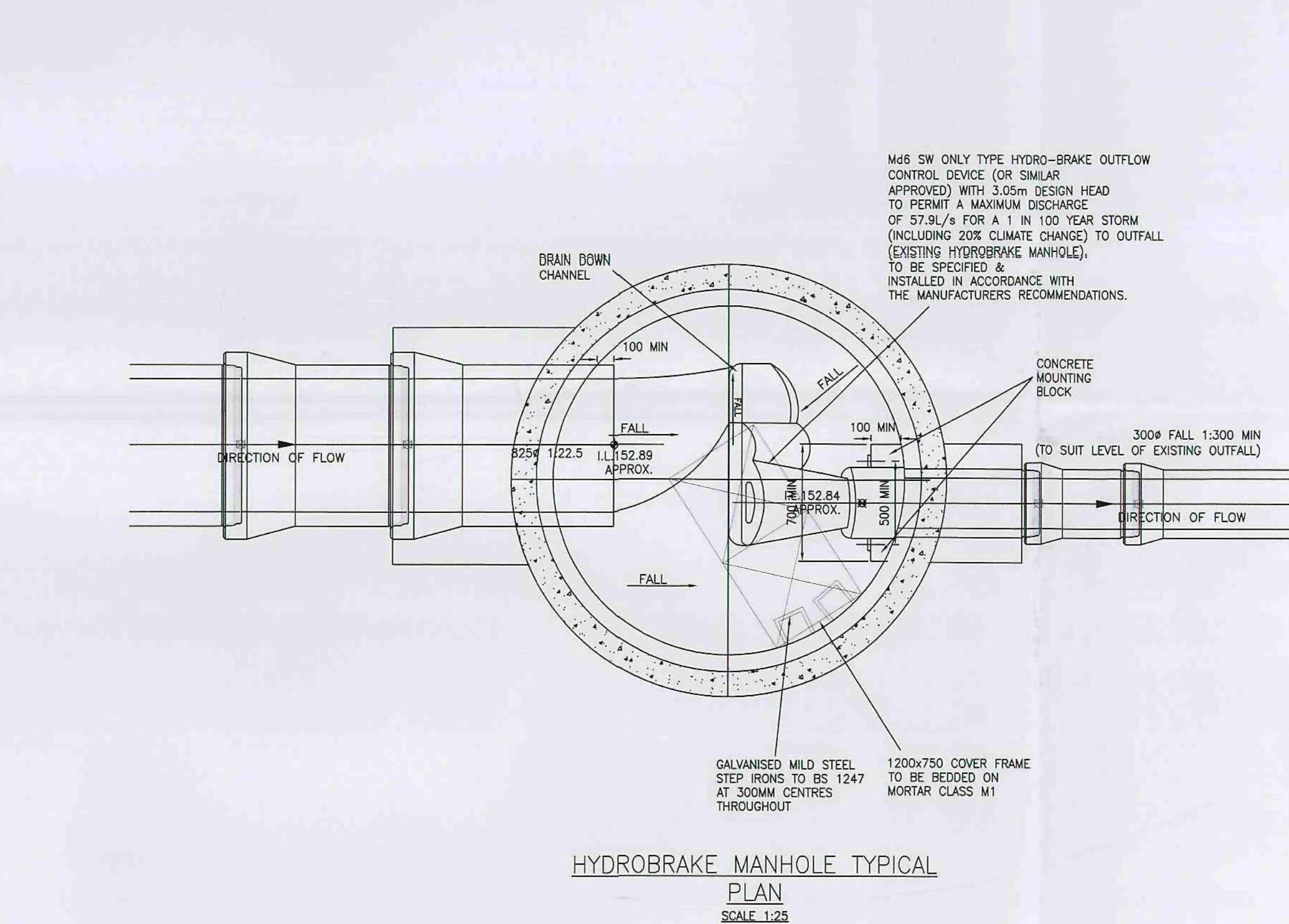
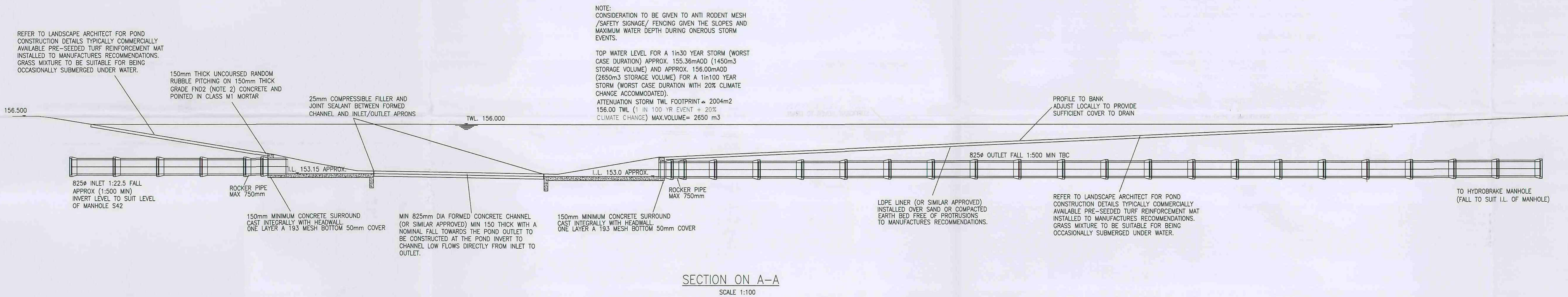
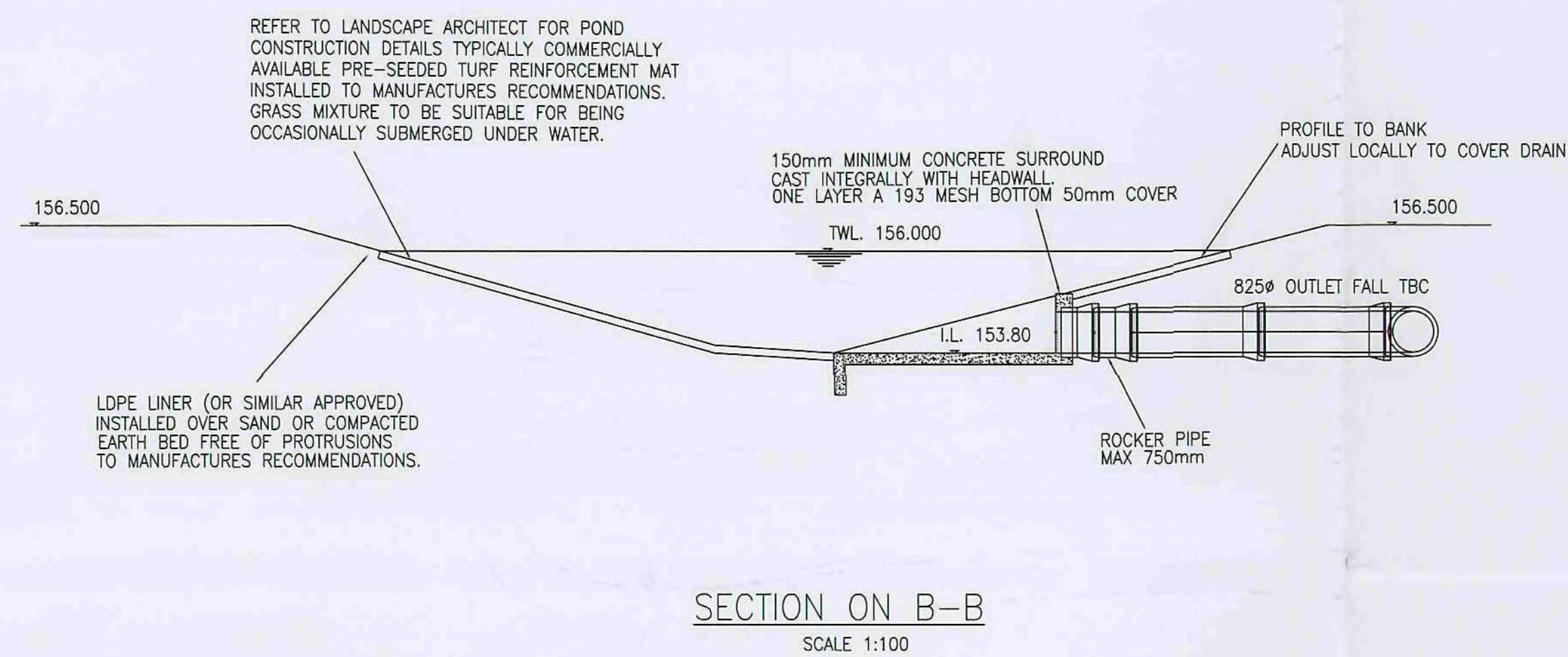
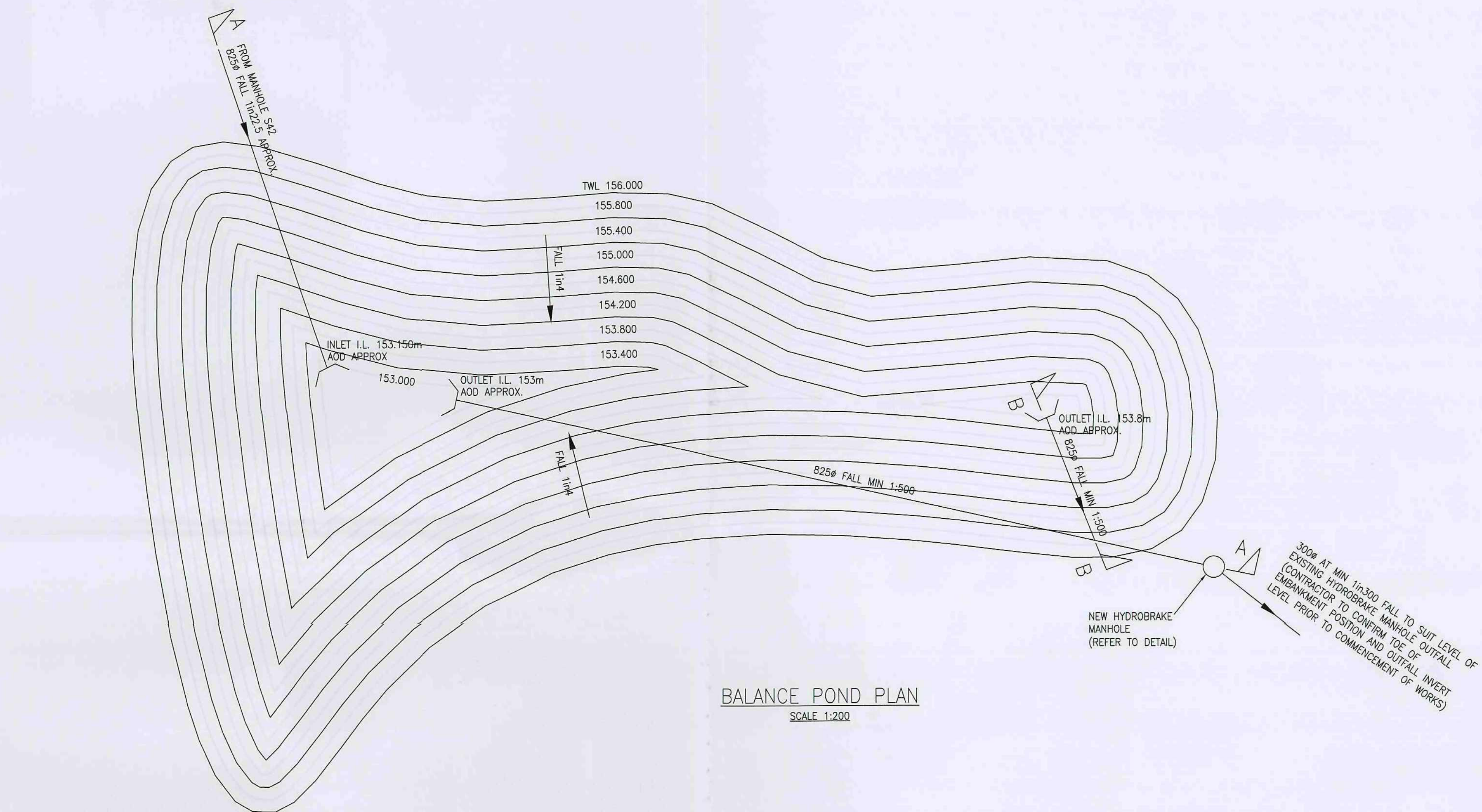
Corporate Planning



Rev	Date	Revision notes	By
DO NOT SCALE			
Status			
PLANNING			
Project			
ATTENUATION POND - 'PLOT B' WENTWORTH WAY TANKERSLEY IND PARK, TANKERSLEY			
Title			
SITE LOCATION PLAN			
 GLADMAN Gladman House Alexandra Way Congleton Business Park Congleton Cheshire CW12 1LB Tel: 01260 236000 Fax: 01260 236001 www.gladman.co.uk			
Drawn By		Publish Date	Scale(s)
NIG		21-08-08	1:1250 @ A1
Project no.		Drawing no.	Revision
Barnsley Metropolitan Borough Council 2940		2940-002b	-

26 AUG 2008

Corpus



- NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DETAILS AND SPECIFICATIONS.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED. LEVELS ARE IN METRES A.O.D.
 - ALL DIMENSIONS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR/FABRICATOR PRIOR TO COMMENCEMENT OF WORK.
 - ALL WORK TO BE IN ACCORDANCE WITH CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 6th EDITION, PUBLISHED BY THE WATER RESEARCH CENTRE.
 - ALL SOFT SPOTS TO BE REMOVED FROM BOTTOM OF EXCAVATIONS AND TO BE REFILLED TO FORMATION LEVEL WITH THE SAME MATERIAL AS PERMANENT WORKS WHICH REST IN IT.
 - CUT ENDS OF REINFORCED CONCRETE PIPES ARE TO BE TREATED WITH EPOXY RESIN PAINT/MORTAR.
 - CONCRETE BENCHING AND PIPE SURROUND SHALL BE PLACED IN SINGLE CONTINUOUS OPERATION FROM TOP BASE SLAB TO TOP OF BENCHING AND PIPE SURROUND.
 - LIMESTONE PIPE BEDDING WILL NOT BE PERMITTED IN ACIDIC GROUND WATER CONDITIONS. REFER TO CONTRACT SPECIFICATION FOR SPECIFIC DETAILS.
 - ALL PIPES WITH MORE THAN 800mm COVER BETWEEN SOFFIT AND FINISHED SURFACE TO BE IN CLASS 'S' (GRANULAR SURROUND) BEDDING.
 - U.N.O. PIPES MAY BE CONCRETE, CLAYWARE OR PLASTIC SUBJECT TO INSTALLATION PROTECTION AND BEDDING DETAILS BEING TO MANUFACTURERS RECOMMENDATIONS IF PLASTIC IS USED IN LIEU OF CONCRETE.
 - ALL COVER LEVELS SHOWN ARE INDICATIVE ONLY. ACCURATE COVER LEVELS SHOULD BE DETERMINED FROM THE EXTERNAL LEVELS DRAWING.
 - PIPES OF DIFFERENT DIAMETERS ENTERING MANHOLES SHOULD BE INSTALLED WITH SOFFITS AT THE SAME LEVEL.
 - ALL PONDS ARE TO BE PROVIDED WITH A LDPE WATER TIGHT LINER.

- THE LINER SHALL BE LAID ON A 50MM THICK SAND OR GEOTEXTILE FABRIC PROTECTION LAYER PLACED ON THE TRIMMED FORMATION.
- ALL JOINTS IN THE LINER ARE TO BE WELDED AND TESTED TO CONFIRM EFFECTIVENESS OF SEAL.
- ALL PENETRATIONS BY PIPES OR OTHER DETAILS TO BE SEALED WITH A PROPRIETARY TOP HAT DETAIL MADE OF THE SAME LINER MATERIAL AND SITE WELDED.
- THE LINER SHALL BE ANCHORED AT THE TOP OF THE SLOPE TO A DETAILS APPROVED BY THE MANUFACTURER.
- THE LINER SHALL BE OVERLAP WITH A PROTECTIVE MEMBRANE TO THE MANUFACTURE'S SPECIFICATION PRIOR TO PLACING ANY 'SUB-SOIL' MATERIAL OVER THE LINING MEMBRANE.
- THE LINING INSTALLATION SHALL PROVIDE A 25 YEAR GUARANTEE.

- SETTING OUT COORDINATES TO BE CONFIRMED FOLLOWING GROUND MODEL FINALISATION.

P1	ISSUED FOR PLANNING	JR	BW	PS	13.08.08
REV	DESCRIPTION	BY	CHK	APP	DATE

GLADMAN

REGATTA HOUSE
CLIPPERS QUAY
SALFORD QUAYS
MANCHESTER
M60 9XP
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FAX: +44 (0)161 872 3193
e-mail: manchester@wyg.com

White
Young
Green

Project:
PLOT B
WENTWORTH
TANKERSLEY

Drawing Title:
ATTENUATION POND AND
HYDROBRAKE MANHOLE DETAILS

Scale	Drawn	Date	Checked	Date	Approved	Date
AS SHOWN	JR	11.08.08				
Project No.	Office	Type	Drawing No.	Revision		
A046060	018	C	018	P1		

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