

General Notes

- These drawings are to be read in conjunction with all relevant Architect's and Engineer's drawings and specifications.
- Except where specific dimensions are shown on these drawings, all setting out shall be in accordance with the architects drawings and specifications. Any discrepancy between these drawings and the architects drawings or the actual site dimensions should be referred to the engineer immediately and confirmed in writing. The contractor is responsible for the accuracy of all dimensions and the setting out.
- Do not scale from these drawings. If in doubt, ask.
- All dimensions are in millimeters unless noted otherwise.
- All proprietary materials to be in accordance with manufacturers specifications and to Engineer's approval.
- All proprietary CDP elements shown on the drawings should be treated as indicative and are subject to detailed design by specialist manufacturer/supplier. The contractor should make suitable allowance for third party design/detailing and potential impact on the permanent work design.

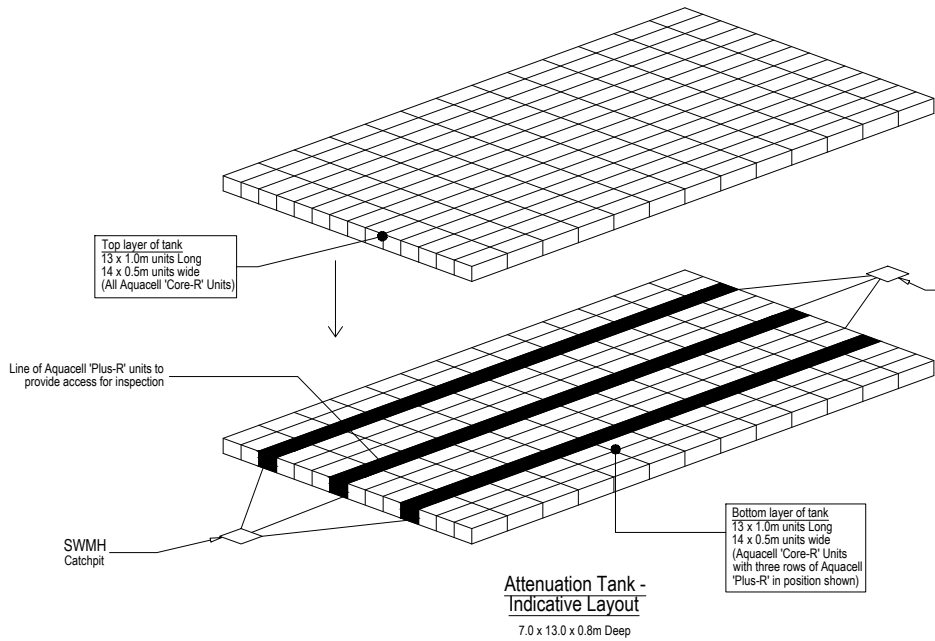
THIS DRAWING IS FOR
PLANNING PURPOSES ONLY

This drawing has been prepared for submission to fulfil planning permission requirements and is not to be used for construction in anyway. Some elements may still be subject to amendment during scheme development, post planning approval.

Godsell Arnold Partnership Ltd accept no liabilities if works are constructed based on this drawing.

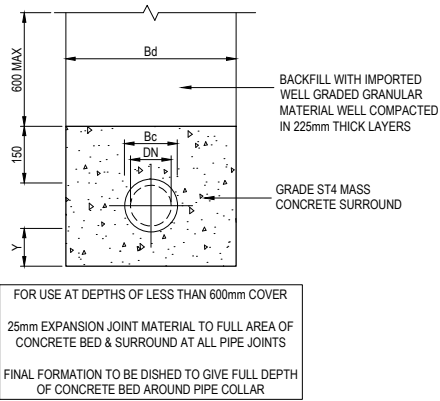
Godsell Arnold Partnership Ltd.will not be able to assist in any technical questions arising if any construction proceeds based on this planning drawing.

NOT FOR CONSTRUCTION

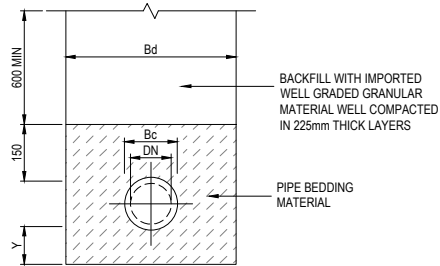


Attenuation Tank -
Indicative Layout

7.0 x 13.0 x 0.8m Deep



CLASS 'Z' BEDDING DETAIL
(CONCRETE BED & SURROUND)

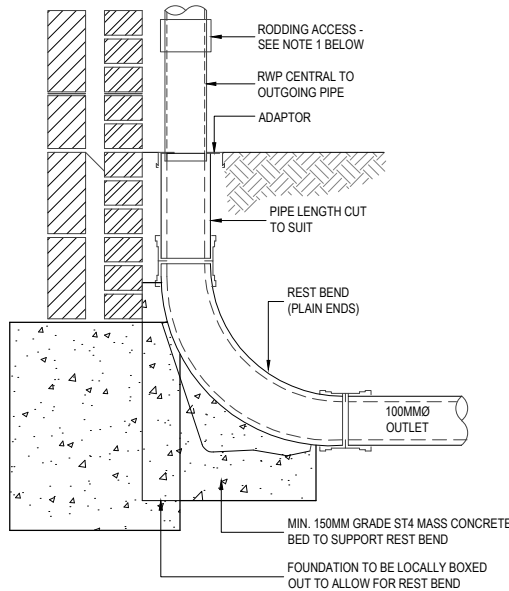


CLASS 'S' BEDDING DETAIL
(GRANULAR BED & SURROUND)

NOMINAL MAXIMUM AGGREGATE SIZE (mm) B.S. 882 GRADING		
PIPE BORE (mm)	AGGREGATE	S BEDDING CLASS B
100	Single size graded	10
150	Single size graded	10 or 14 14 to 5
225	Single size graded	10, 14 or 20 14 to 5 or 20 to 5
300	Single size graded	10, 14 or 20 14 to 5 or 20 to 5

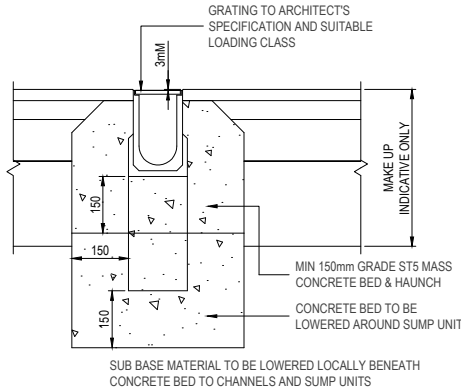
NOMINAL INTERNAL Ø DN (mm)	ASSUMED EXTERNAL Ø Bc (mm)	ASSUMED MAX. PERMISSIBLE TRENCH WIDTH Bd (mm)	Y (mm)
100	130	550	100
150	190	600	100
225	280	700	100
300	388	750	125

PIPE BEDDING TABLES



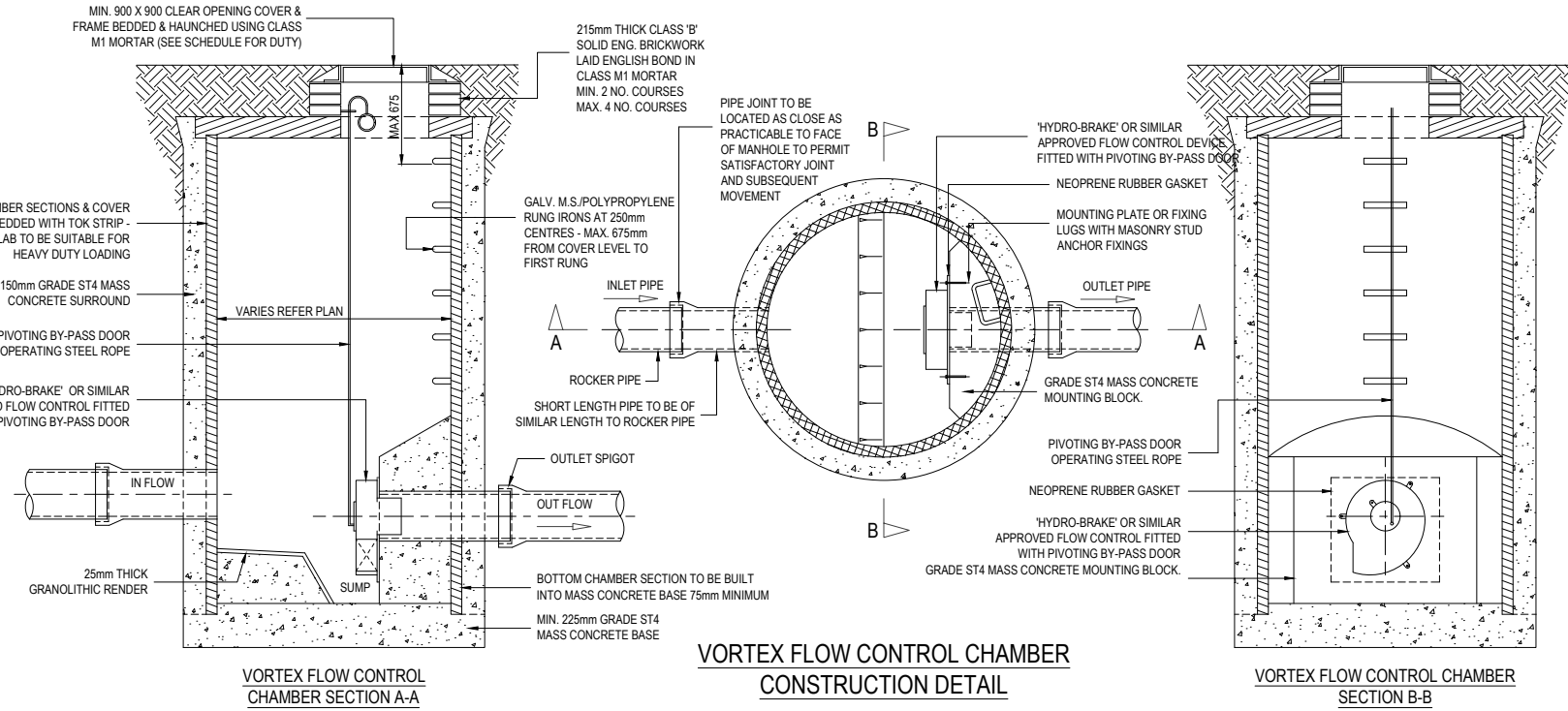
RWP WITH 100Ø OUTLET
CONNECTION DETAIL

NOTE:
1. WHERE THE RWP CONNECTS TO THE SW NETWORK VIA A JUNCTION, RODDING ACCESS MUST BE PROVIDED.

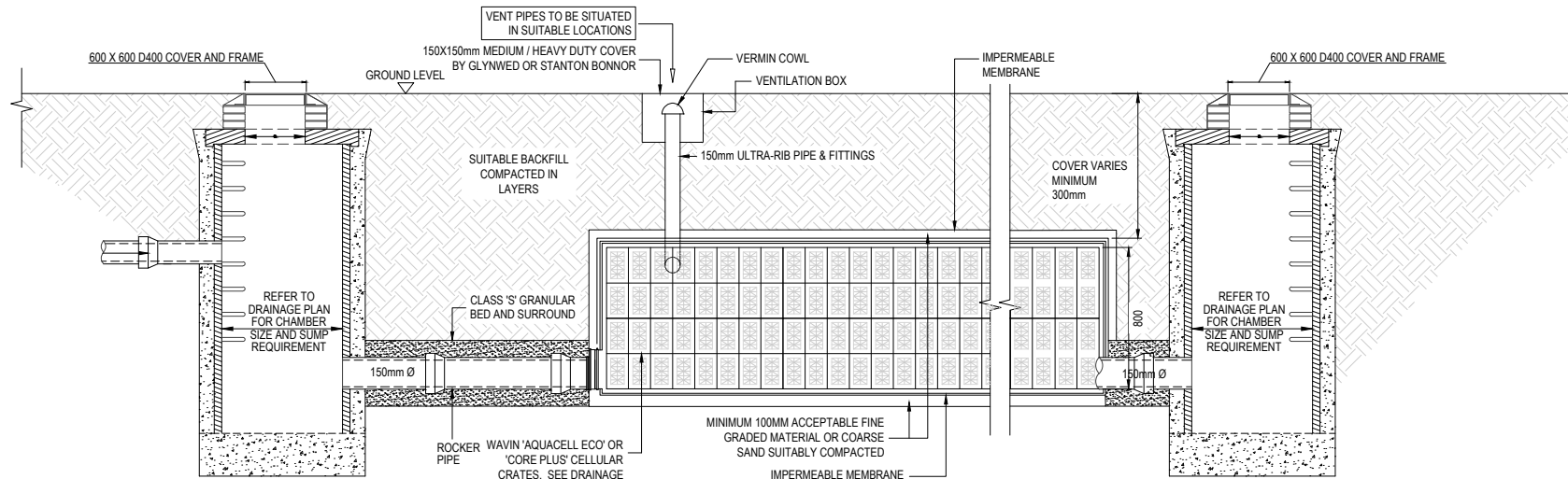


DRAINAGE CHANNEL
CONSTRUCTION DETAIL

NOTES:
1. SUMP UNIT TO BE PROVIDED AT DISCHARGE POINT WITH A 100mm OUTLET.
2. EXPANSION JOINT TO BE PROVIDED @ 5m C/C'S ALONG LENGTH OF CHANNEL ACROSS WHOLE WIDTH OF CONCRETE AS PER MANUFACTURER'S RECOMMENDATIONS.
3. THE CHANNEL MUST NOT BE TRAFFICKED UNTIL AFTER THE WEARING COURSE HAS BEEN LAID AND COMPACTED.

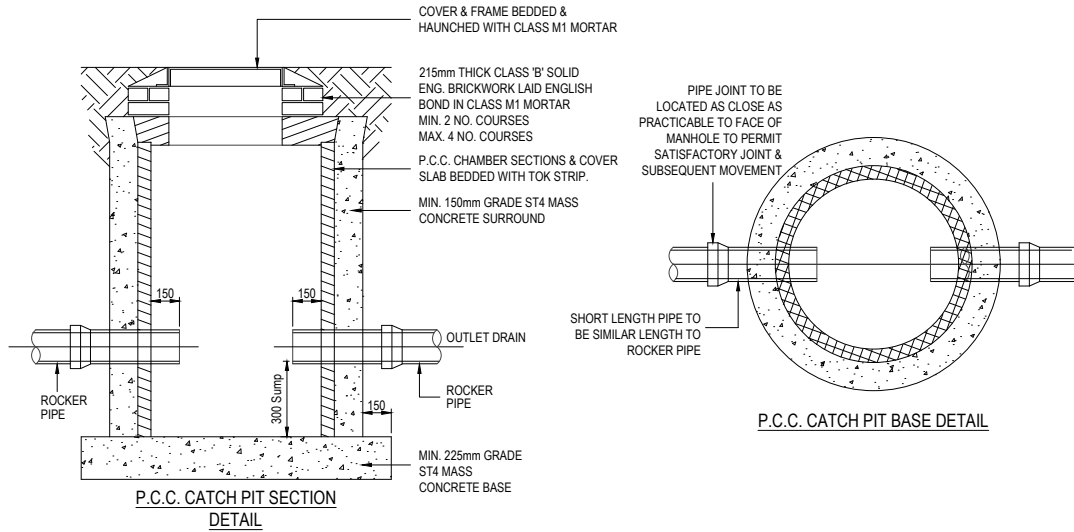


VORTEX FLOW CONTROL CHAMBER
CONSTRUCTION DETAIL

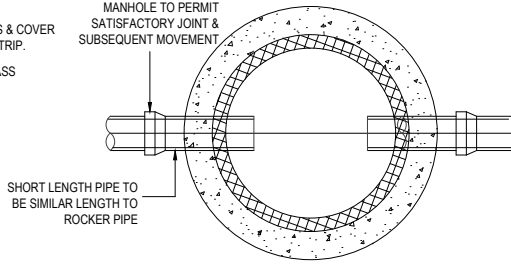


WAVIN AQUACELL ATTENUATION TANK

NOTE:
1. THIS DETAIL IS FOR FOR ARRANGEMENT USE ONLY AND DOES NOT REFLECT THE ACTUAL ON SITE LEVELS.
2. REFER TO DRAINAGE PLANS FOR PIPE ARRANGEMENTS, TANK SIZES AND LEVELS.



PCC CATCH PIT
CONSTRUCTION DETAIL



P.C.C. CATCH PIT BASE DETAIL

PS1	28.05.28	Preliminary issue.	FDH	LJW	FDH
Rev	Date	Revision Description	Drawn	Chk'd	Issued

Drawing Status:

S4 - Suitable for Approval

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Client: KEVIN SHEPPARD

Project: SPECTRA

Drawing Title: DRAINAGE CONSTRUCTION DETAILS

Scale @ A1:	N.T.S.	Drawn: FDH	Checked: LJW
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Project-Originator-Zone-Level-Type-Role	Drawing No:	Revision:
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