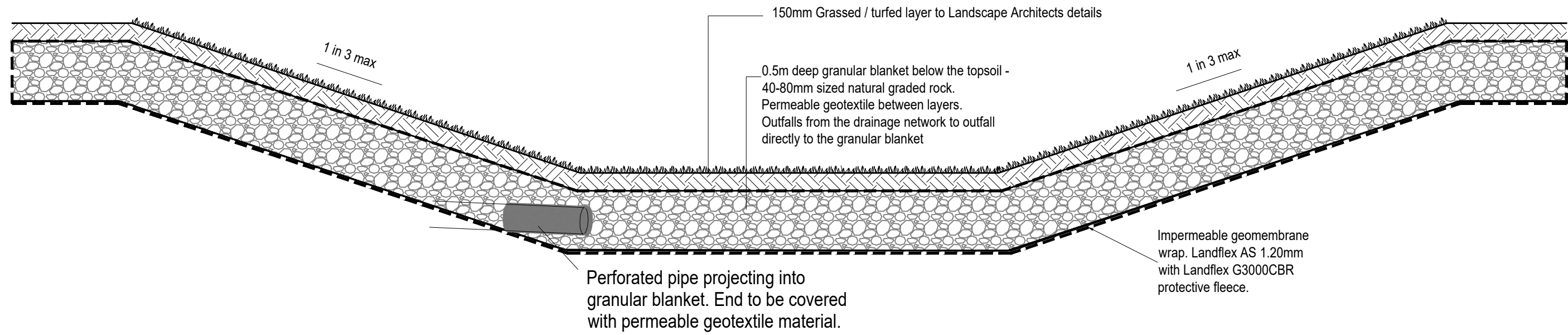
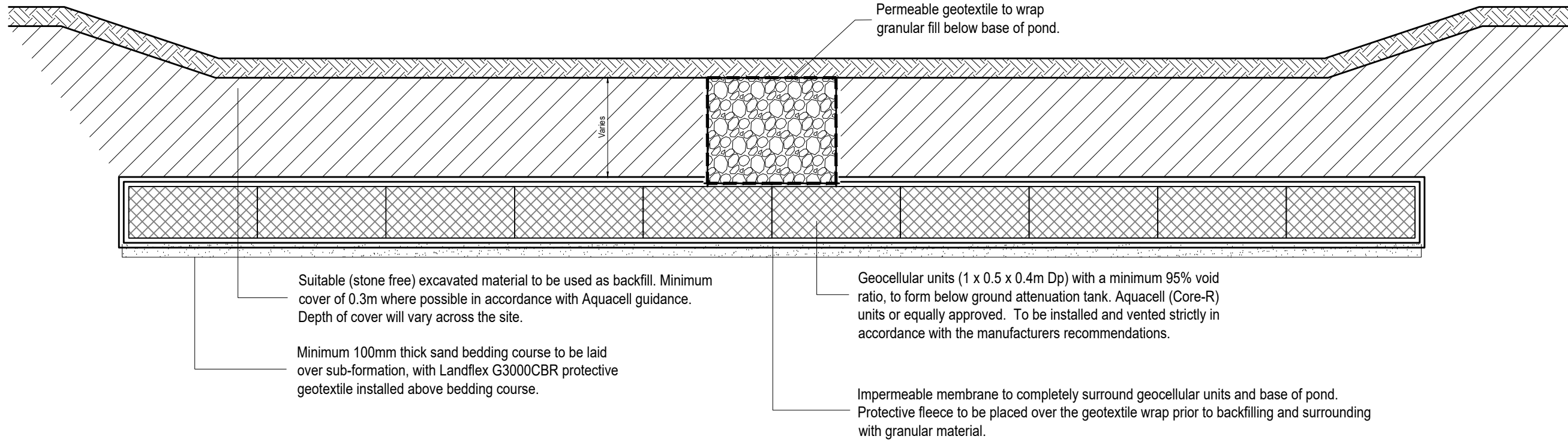


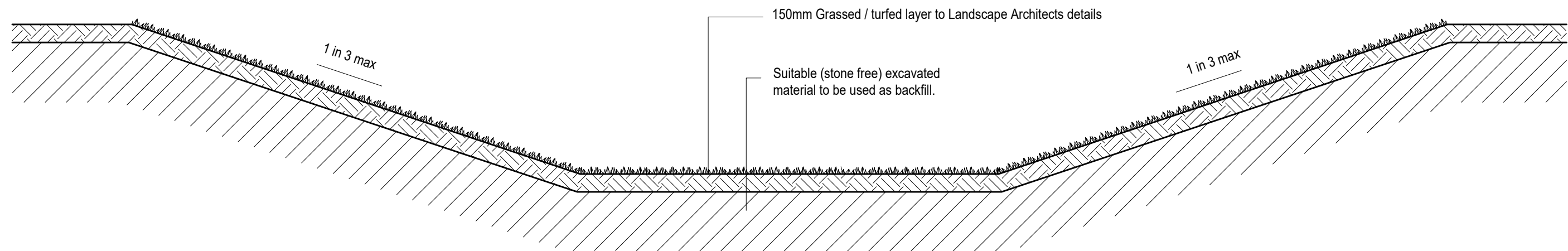
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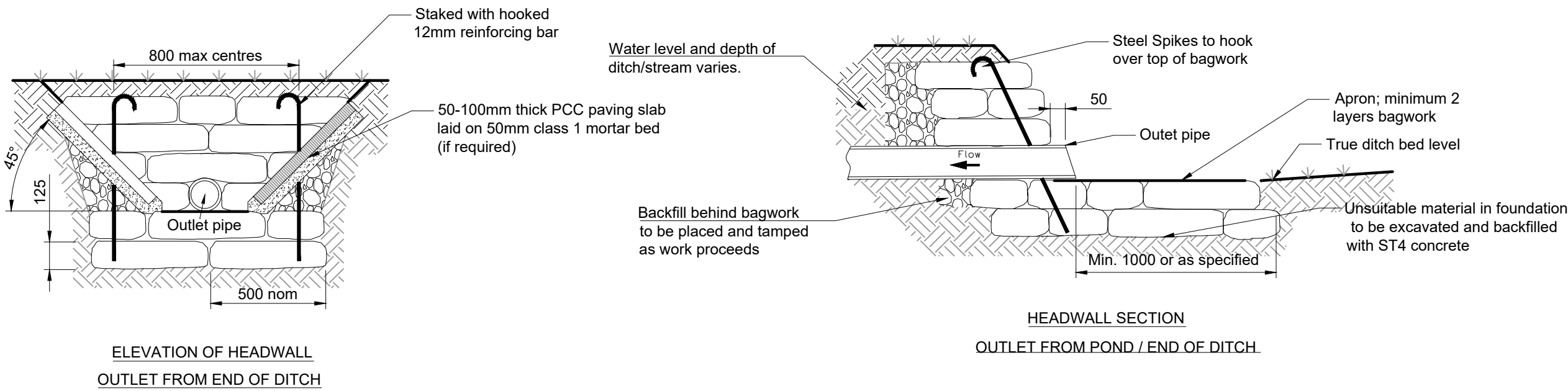
Granular Blanket Below Detention Basin
Pond 2



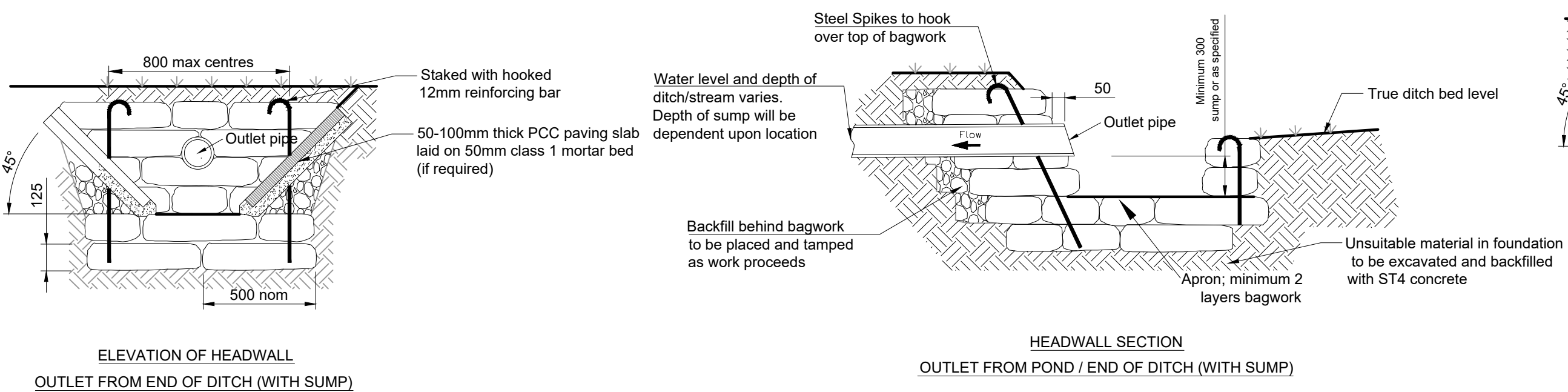
Geocellular Storage Below Detention depression in POS
Pond 3 / ST8, Pond 5 / ST9 / ST13, Pond 6 / ST10 / ST12, Pond 4 / ST11



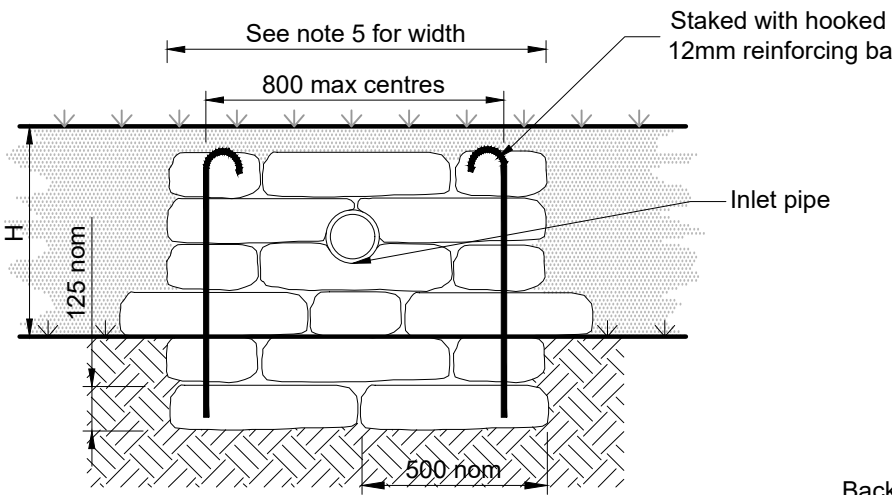
Detention Basin
Pond 1, Pond 10



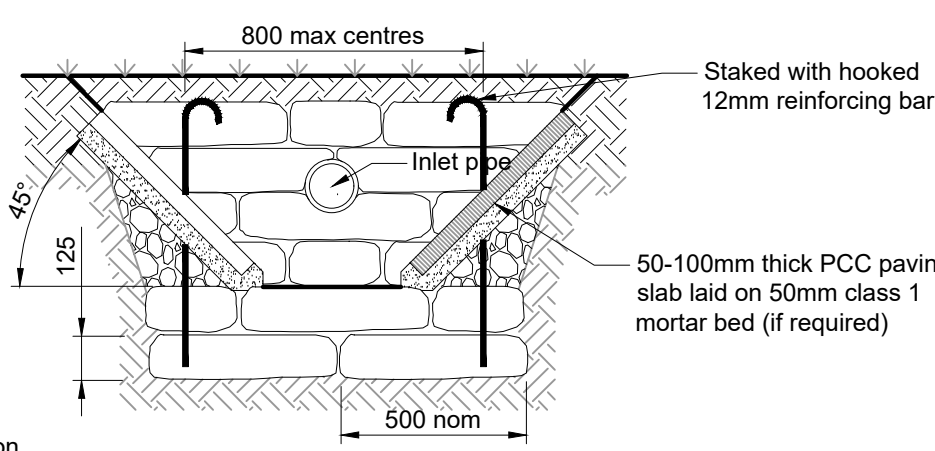
HEADWALL SECTION
OUTLET FROM POND / END OF DITCH



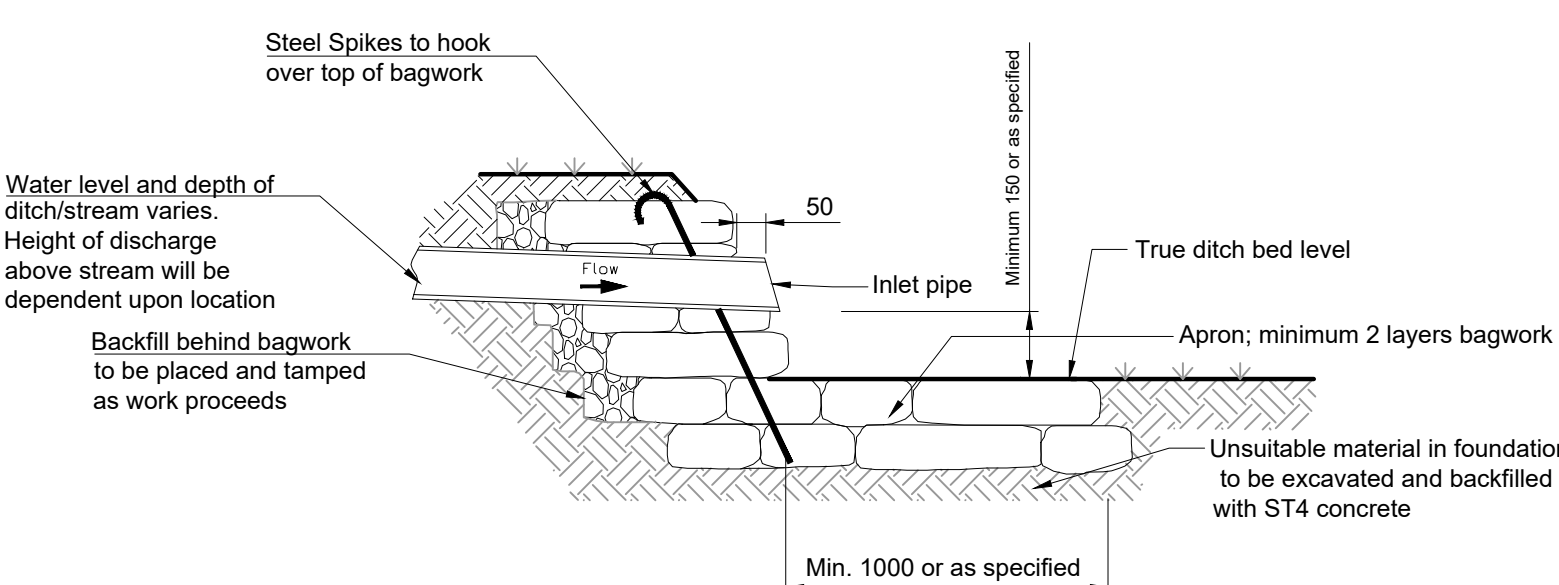
ELEVATION OF HEADWALL
OUTLET FROM END OF DITCH (WITH SUMP)



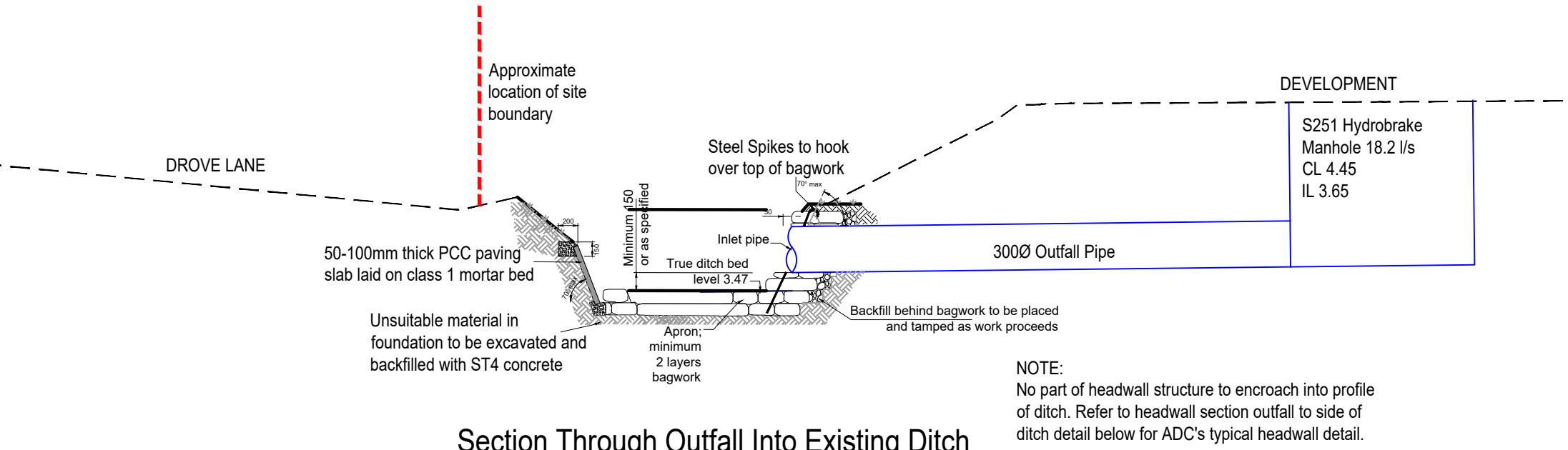
ELEVATION OF HEADWALL
OUTFALL TO SIDE OF DITCH



ELEVATION OF HEADWALL
OUTFALL TO END OF DITCH



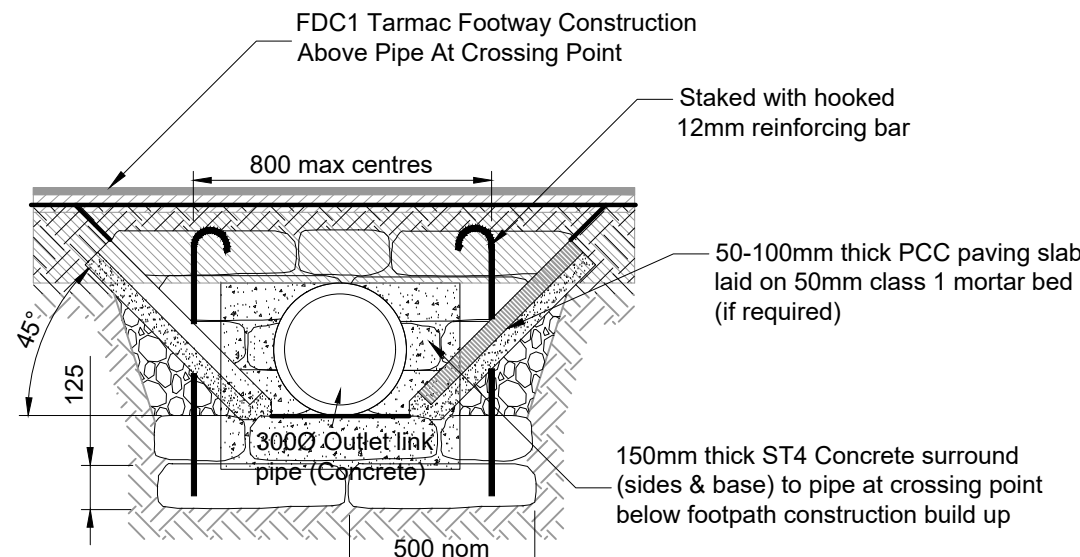
HEADWALL SECTION
OUTFALL TO POND / END OF DITCH



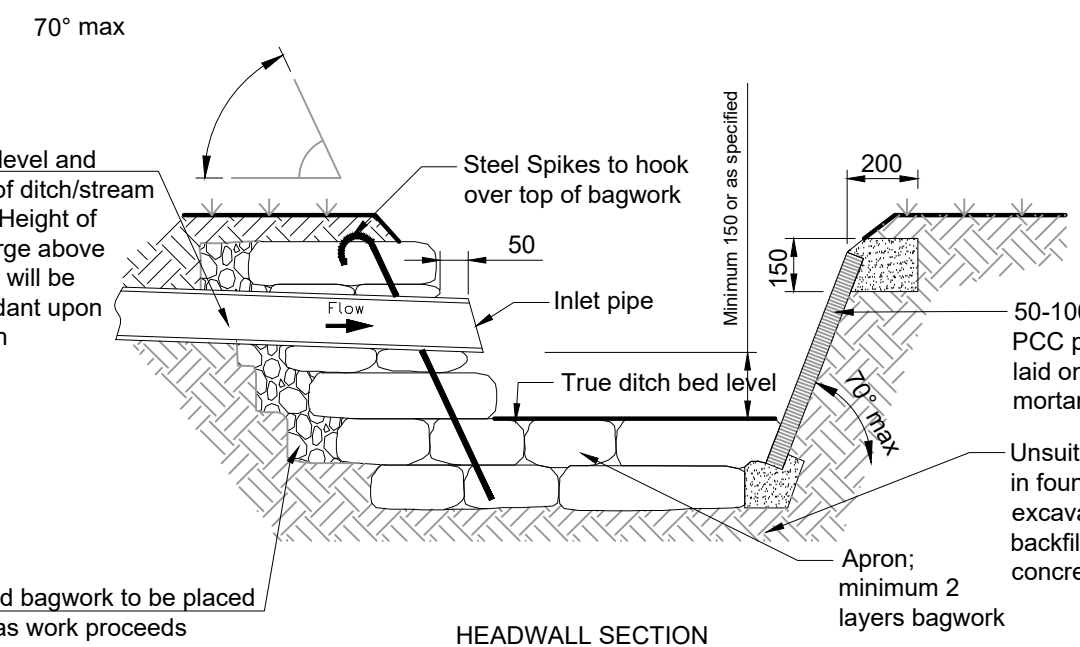
Section Through Outfall Into Existing Ditch

Table SuDS Features & Requirement For Lining	
SuDS Feature Above GW Level But Attached To Feature Within GW Level (Lining Required)	SuDS Feature Within GW Level (Lining Required)
POND 3 (ST8)	ST8
POND 4 (ST11)	ST11
POND 5 (ST9 & ST13)	ST9
POND 6 (ST10 & ST12)	ST13
	ST10
	ST12

- ADC Concrete Bagwork Headwall Notes
1. All measurements are in millimetres unless otherwise stated
 2. Bags shall be of Hessian and shall be of a size to provide a wall thickness of 500mm.
 3. Concrete bagwork shall be to Clause 519 and be three quarter filled with 25mm slump ST4 concrete immediately prior to placing with the ends sewn.
 4. The bags shall be placed in a modified Flemish bond so as to 'break joint' with the mouths away from the surface and be tamped into position to form a rectangular block.
 5. Extent of outlet protection to be the greater of 1500mm or pipe diameter + 1200mm spanning the outlet pipe.
 6. Headwall design may need to be adjusted to on site conditions following approval from WBC/ADC Engineer.
 7. Ditch to be regraded as requested.
 8. All exposed pipework to be certified UV stable
 9. Pipe details to be as specified on supporting drawings.
 10. Refer to ADC drawing 80000102 - Concrete Bagwork Headwall And Retaining Wall Standard Details for more information.



ELEVATION OF HEADWALL OUTLET FROM END OF DITCH FOR USE IN
CULVERT LINKS ACROSS FOOTPATH CROSSINGS OVER DITCH
(EASTERN DITCH CROSSING POINTS)



HEADWALL SECTION
OUTFALL TO SIDE OF DITCH

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

1. There will be deep excavations for structures and drainage systems. This is a high risk, high severity hazard. The contractor should provide protection and support in accordance with health and safety legislation. It is known that the groundwater is shallow in winter months, care to be taken to prevent collapse of the excavation.
2. Live Services - risks to contractor's personnel - Seek written confirmation from Statutory Authority and/or Building site owner that all live services - especially electricity services - have been disconnected or diverted prior to construction. If any services are to remain live during the construction work, ensure that the locations of these are identified and clearly marked. All operatives are to be made aware of their presence. Employ hand digging near/adjacent to any known live services. This includes, but is not limited to, services located in Drove Lane and the B2233.

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

J	27.04.2022	Updated for Construction. Updated to LLFA comments.	AM	AM	AM
I	22.04.2022	Updated for Construction. Updated to LLFA comments.	AM	AM	AM
H	21.04.2022	Updated for Construction. Updated to LLFA comments.	AM	AM	AM
G	17.02.2022	Updated for Construction. Updated to LLFA comments.	AM	AM	AM
F	04.02.2022	Updated for Construction. Updated to LLFA comments.	MFP	AM	AM
E	19.11.2021	Updated for Construction	MFP	AM	AM
D	02.07.2021	Issued for Construction	JC	AM	AM
C	18.05.2021	Updated following latest architect layout	SM	AM	AM
B	11.01.2021	Issued for Tender purposes	SM	AM	AM
A	18.12.2020	Issued for information	SM		
Rev.	Date	Amendment	Drawn	Chkd.	Appd.

RSK

LAND & DEVELOPMENT ENGINEERING LTD

18 Frogmore Road
Hemel Hempstead
Hertfordshire
HP3 9RT
United Kingdom
Tel: +44 (0) 1442 437500
Fax: +44 (0) 1442 437550
Email: info@rsk.co.uk
Web: www.rsk.co.uk



Project Title
**DROVE LANE,
YAPTON
WEST SUSSEX**

Status
CONSTRUCTION

Drawing Title
**TYPICAL SUDS DETAILS
(SHEET 2 OF 2)**

Drawn	Date	Checked	Date	Approved	Date
SM	18.12.2020	AM	08.01.2021	AM	08.01.2021
Scale	NTS	Orig Size	A1	Dimensions	Metres
Project No.	133981	Drawing File	CIV-1-4058-4059 Typical SUDs details.dwg		
Drawing No.	CIV-1-4059			Rev.	J