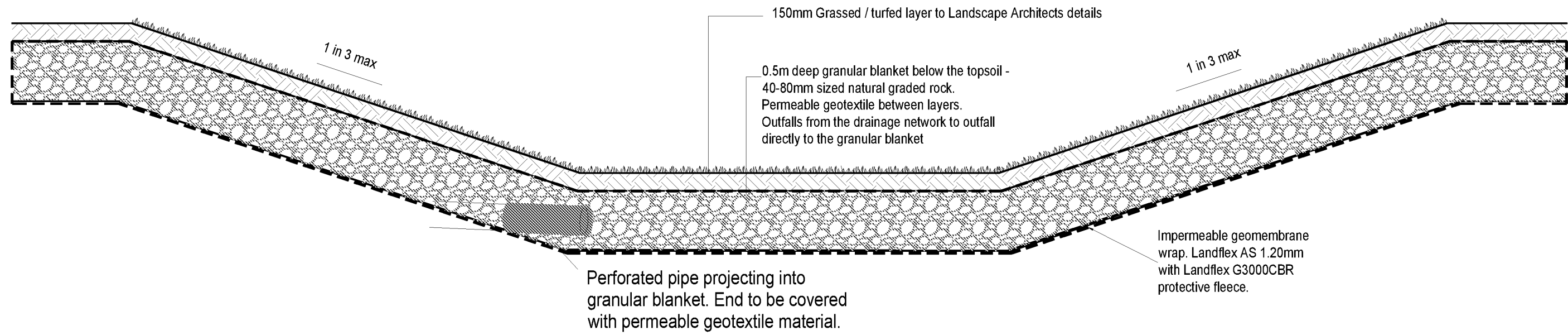
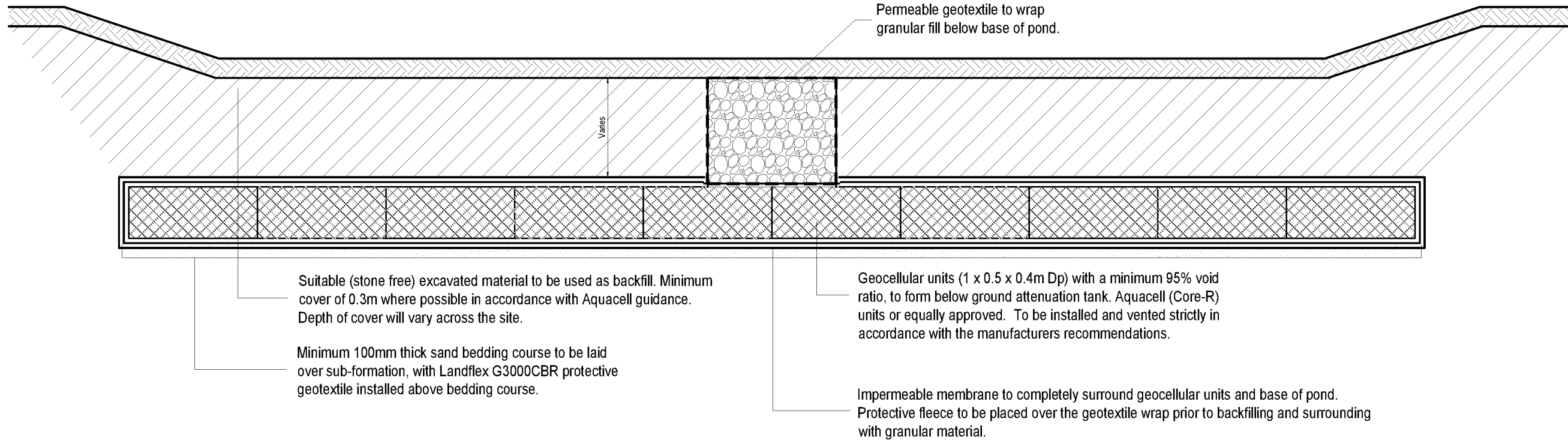
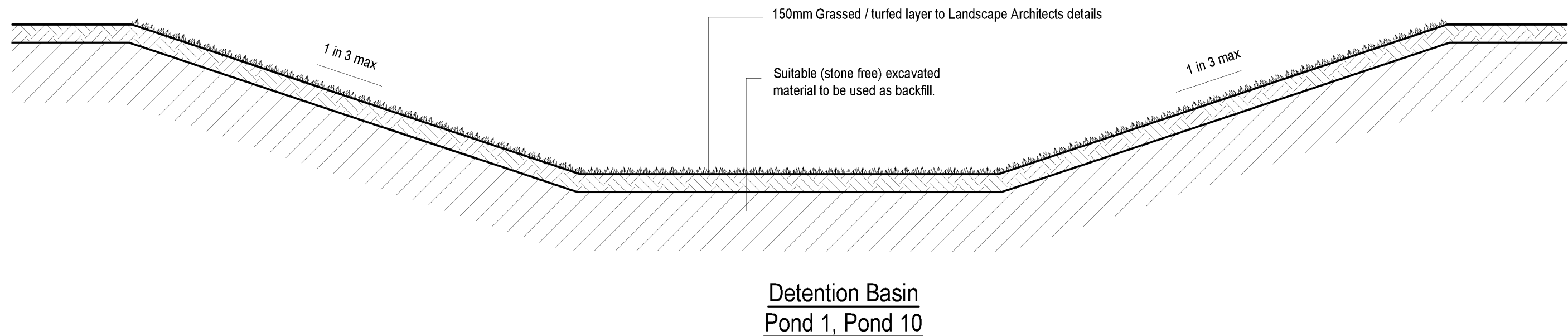




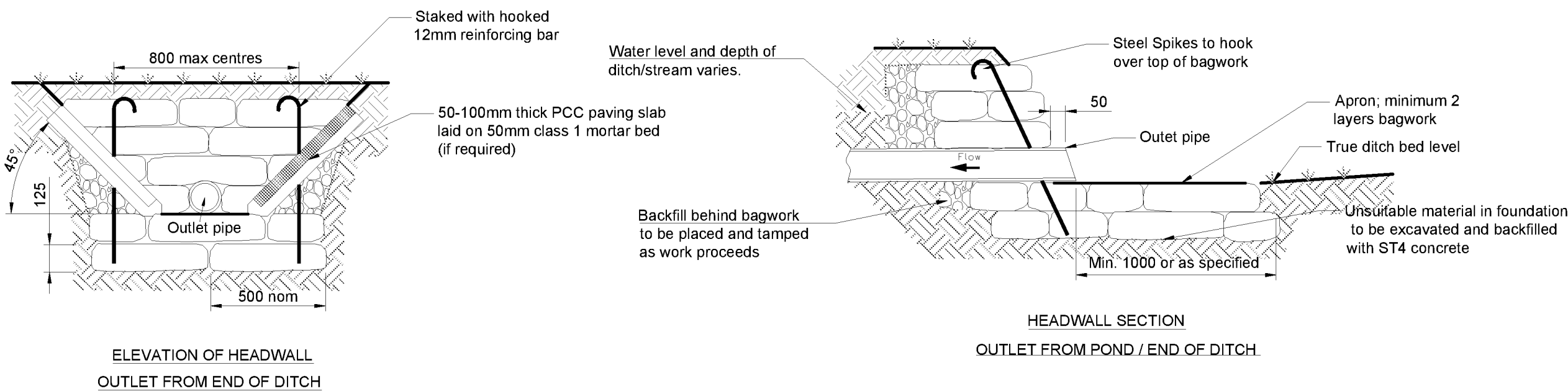
Granular Blanket Below Detention Basin
Pond 2



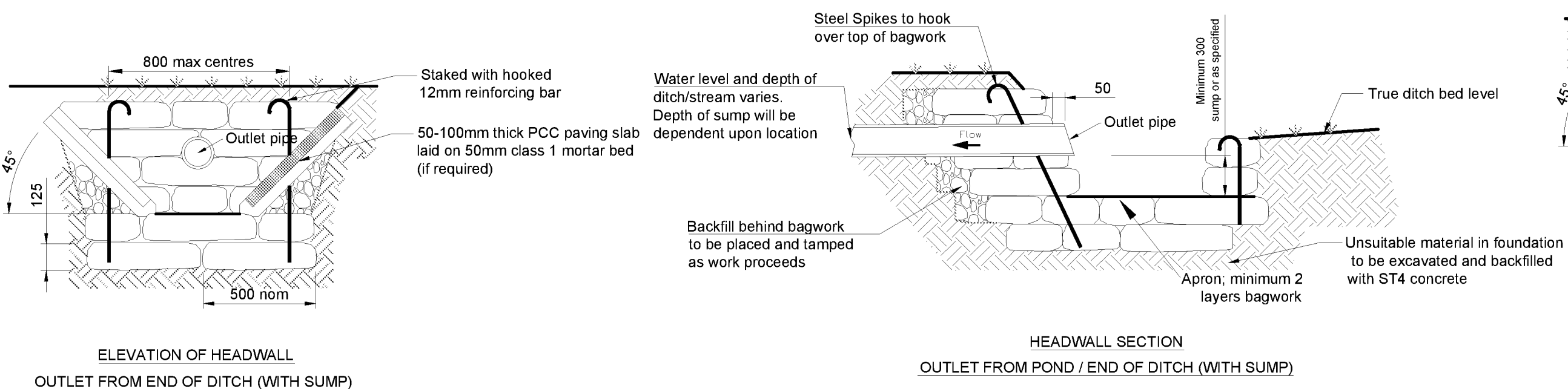
Geocellular Storage Below Detention depression in POS
Pond 3 / ST8, Pond 5 / ST9 / ST13, Pond 6 / ST10 / ST12, Pond 4 / ST11



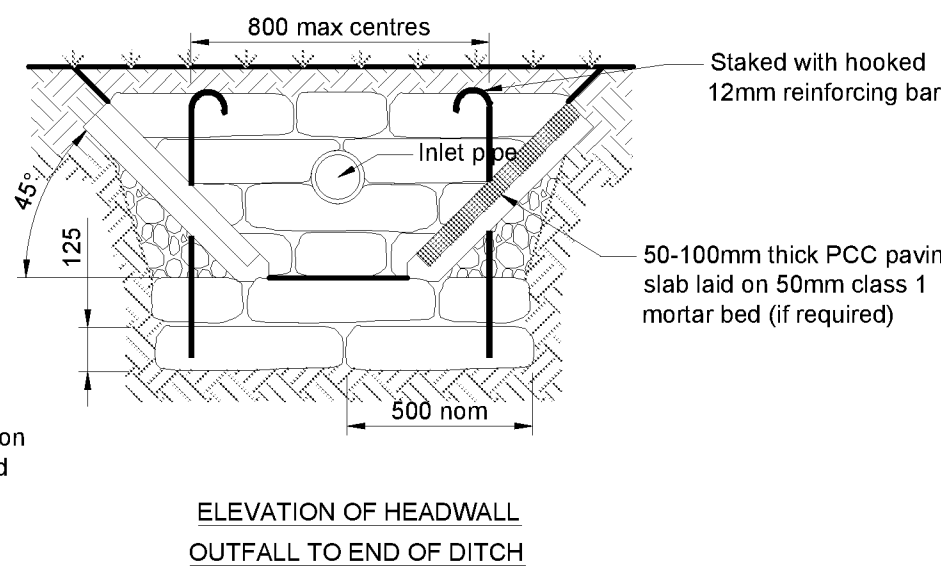
Detention Basin
Pond 1, Pond 10



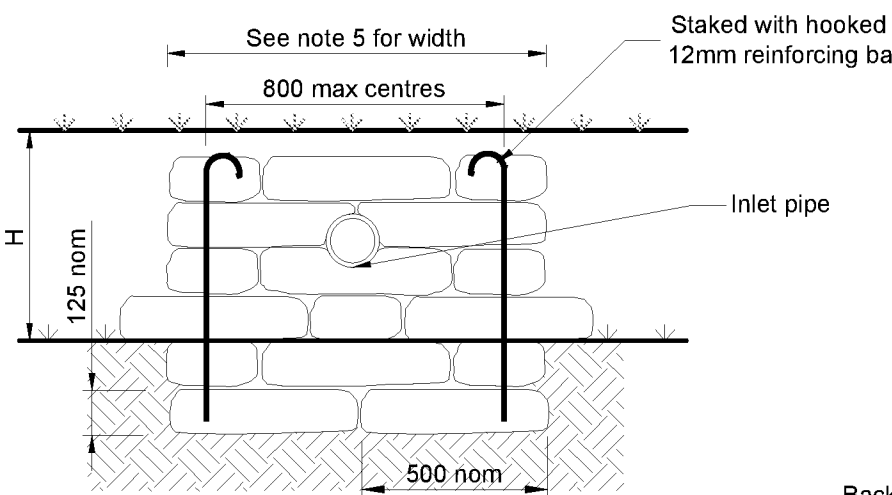
HEADWALL SECTION
OUTLET FROM POND / END OF DITCH



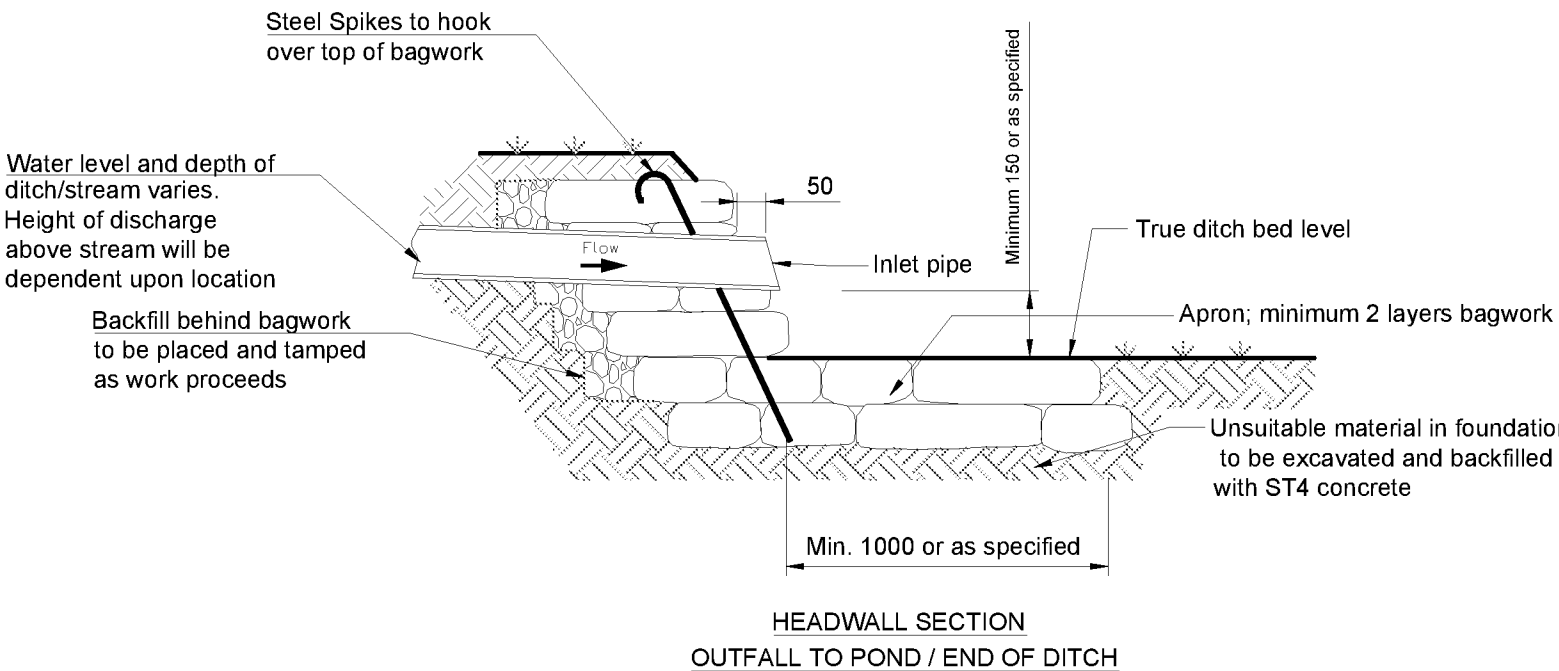
HEADWALL SECTION
OUTLET FROM POND / END OF DITCH (WITH SUMP)



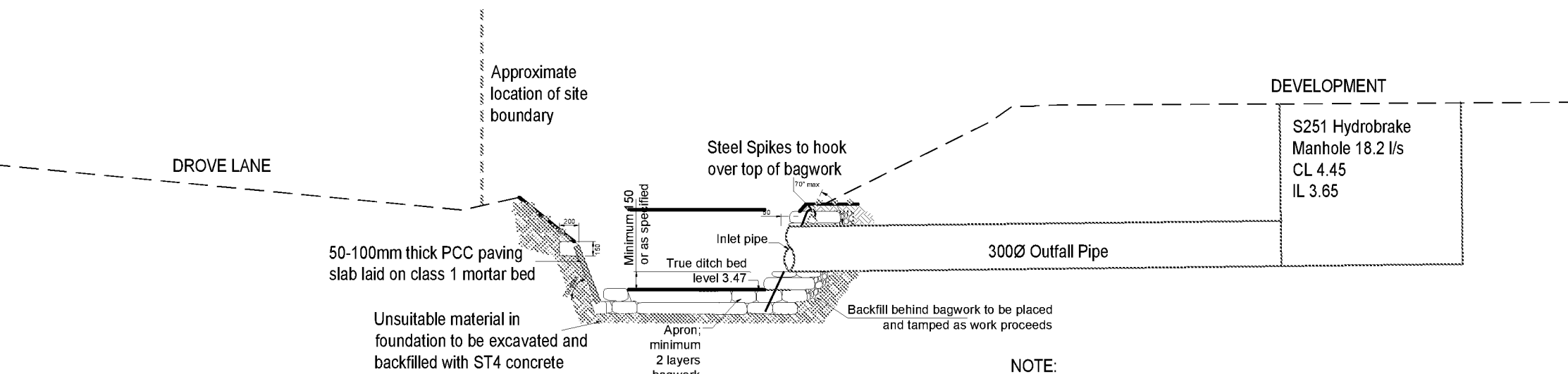
ELEVATION OF HEADWALL
OUTFALL TO END OF DITCH



ELEVATION OF HEADWALL
OUTFALL TO SIDE OF DITCH



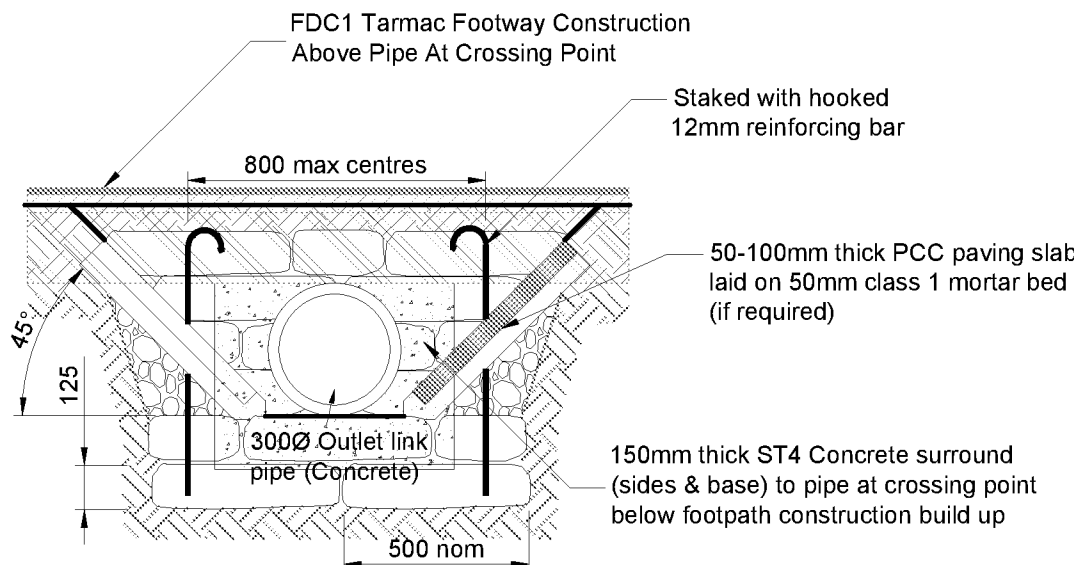
HEADWALL SECTION
OUTFALL TO POND / END OF DITCH



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
- All measurements are in millimetres unless otherwise stated
 - Bags shall be of Hessian and shall be of a size to provide a wall thickness of 500mm.
 - 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.
 - 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.
 - Extent of outlet protection to be the greater of 1500mm or pipe diameter + 1200mm spanning the outlet pipe.
 - Headwall design may need to be adjusted to on site conditions following approval from WBC/ADC Engineer.
 - Ditch to be regraded as requested.
 - All exposed pipework to be certified UV stable
 - Pipe details to be as specified on supporting drawings.
 - 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)

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

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

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.

L	28.04.2022	Headwall details updated as per LLFA comments.	AM		
K	11.02.2022	Outfall section added as per LLFA comments.	AM		
J	14.12.2021	SUDS details updated to LLFA comments.	AM		
H	08.12.2021	SUDS details updated to LLFA comments.	AM		
G	29.10.2021	SUDS details updated to LLFA comments.	MFP		
F	27.07.2021	SUDS details updated to LLFA comments.	AM		
E	15.06.2021	SUDS details updated to LLFA comments.	AM		
D	11.05.2021	SUDS details updated to LLFA comments.	AM		
C	18.03.2021	SUDS types cross referenced to updated drainage layout.	AM		
B	15.01.2021	Permeable paving connection to network detail added.	SM		
A	01.10.2020	Issued to support reserved matters application	SM		
Rev.	Date	Amendment	Drawn	Chkd.	Appd.

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**DROVE LANE,
YAPTON**

PRELIMINARY

**TYPICAL SUDS DETAILS
SHEET 2 OF 2**

Drawn SM	Date 07.2020	Checked Date	Approved Date
Scale NTS	Orig Size A1	Dimensions Metres	
Project No. 133647		Drawing File PLN_1_4101 Typical SUDs details.dwg	
Drawing No. PLN_1_4103			Rev. L