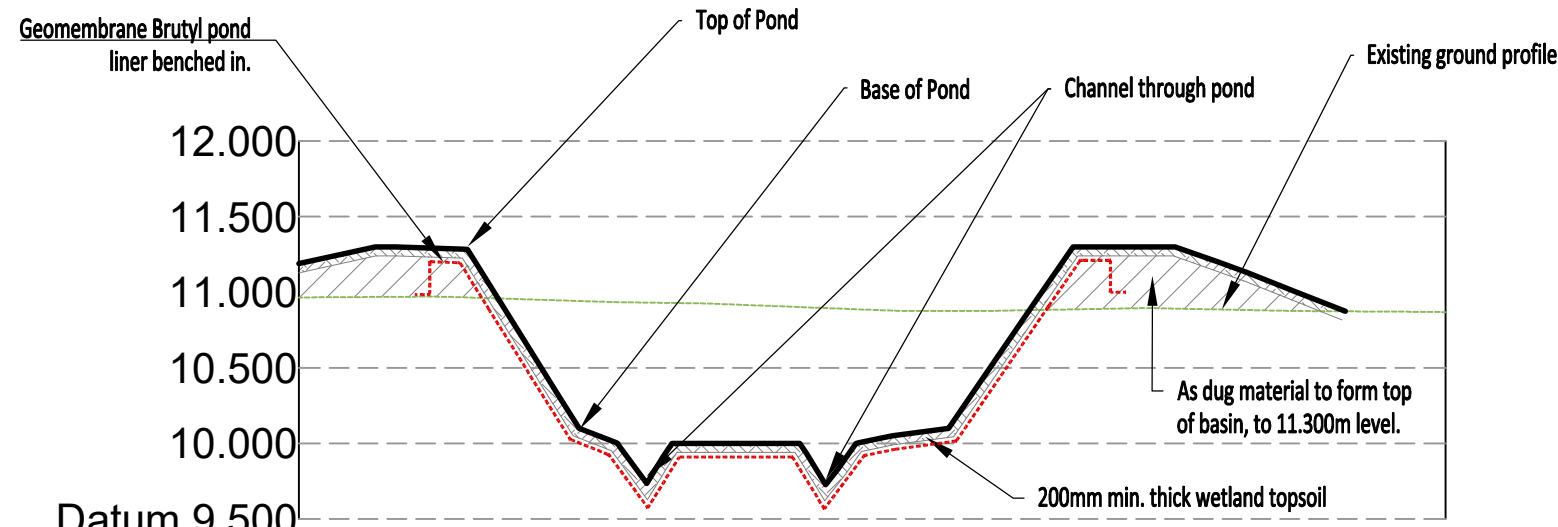
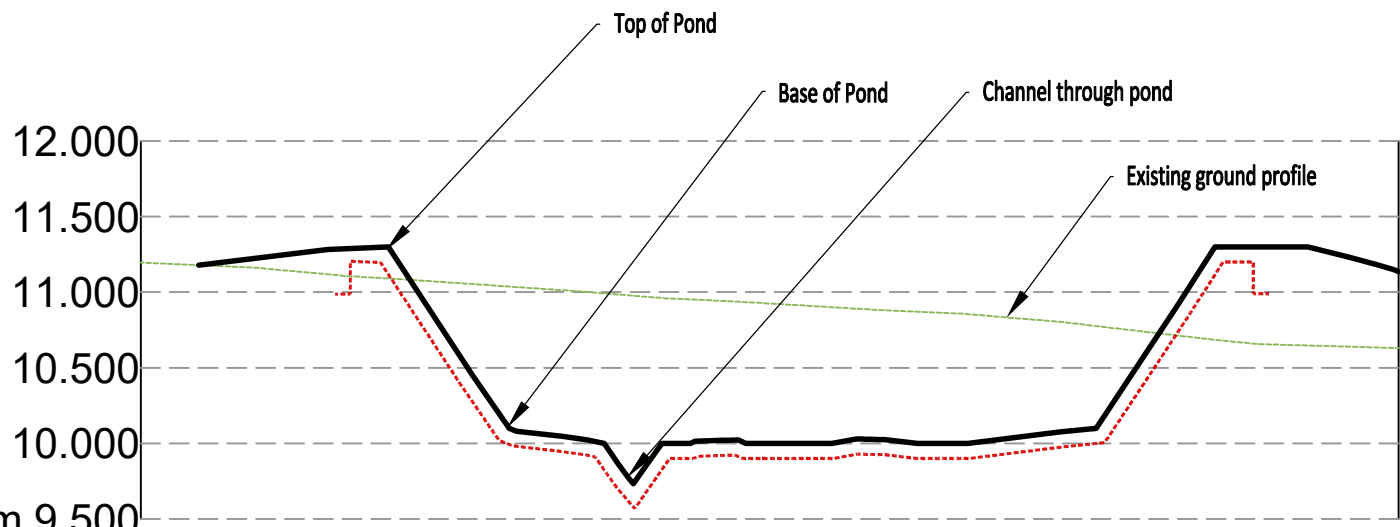




Chainage	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	37.916
Existing	10.965	10.968	10.971	10.962	10.950	10.937	10.930	10.921	10.906	10.891	10.876	10.877	10.880	10.888	10.895	10.887	10.879	10.874	10.872	10.868
Proposed	11.188	11.277	11.294	11.148	10.504	10.043	9.897	10.000	10.000	9.880	10.060	10.252	10.836	11.300	11.300	11.228	11.079	10.921	10.872	10.868

Section C-C & Typical Pond Detail
Scale H 1:250
V 1:50



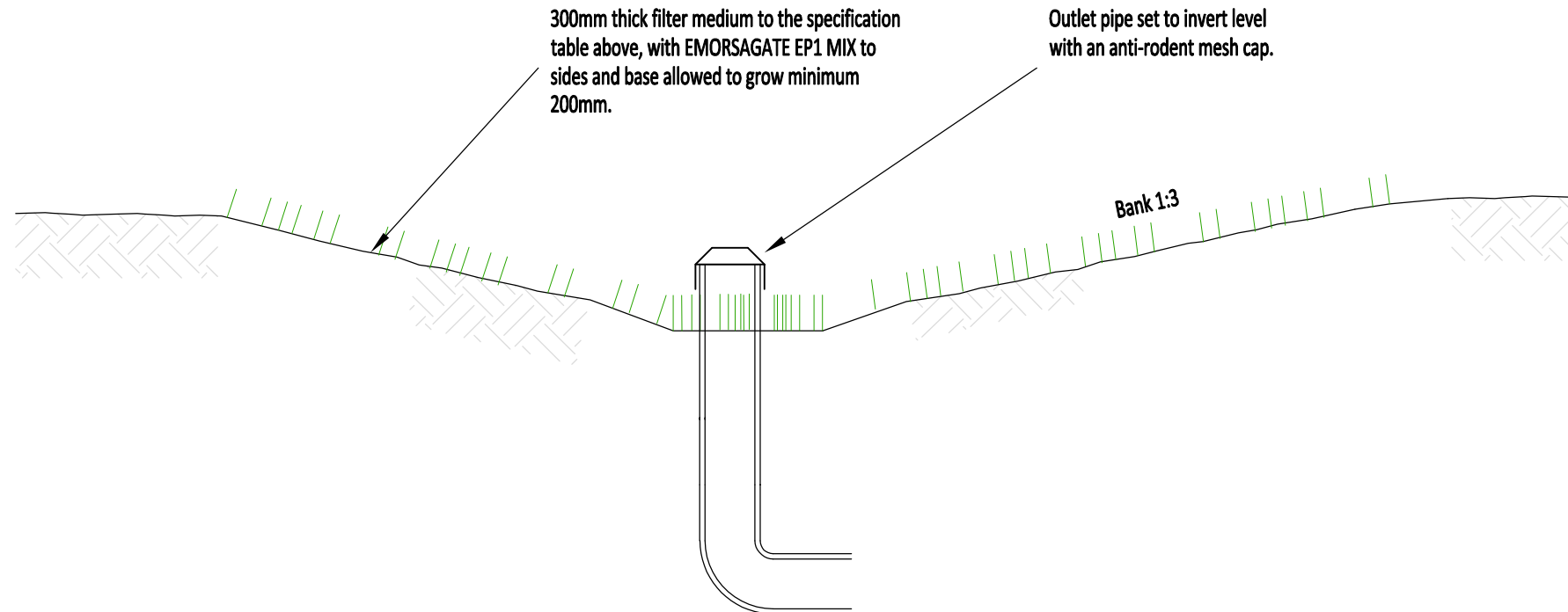
Chainage	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	41.587
Existing	11.196	11.178	11.158	11.121	11.093	11.067	11.039	11.012	10.981	10.953	10.935	10.911	10.887	10.868	10.844	10.810	10.766	10.720	10.675	10.651	10.639	10.630
Proposed	11.265	11.275	11.290	11.284	11.298	10.745	10.149	10.045	9.804	10.000	10.000	10.000	10.027	10.000	10.016	10.066	10.226	10.831	11.300	11.300	11.229	11.137

Section D-D
Scale H 1:250
V 1:50

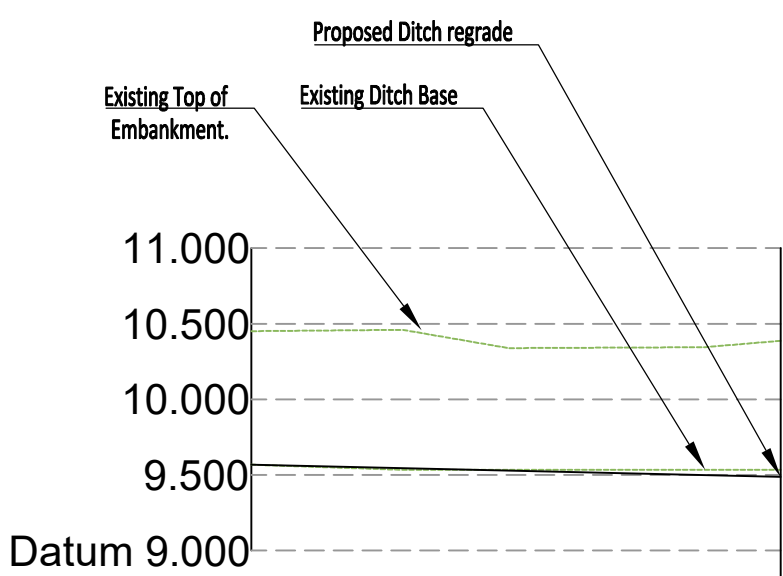
In addition to the sieve size, the filter material shall comply as below:

- The filter medium should well-grade and the composition contain limited particle size range,
 - The organic matter content should be 3-5% (w/w),
 - ph-should be 5.5-8.5 (1:2.5 soil water extract),
 - Total nitrogen should be 0.10-0.30%,
 - Extractable phosphorus should be 16-100mg/l,
 - Extractable potassium should be 120-900mg/l
- (Methods of analysis in accordance with BS 3882:2015, unless otherwise stated)

Filter Medium Topsoil		
Soil Type	Sieve Size (mm)	% Passing
Clay and Silt	0.06	less than 5
Fine Sand	0.063 - 0.2	less than 20
Medium Sand	0.2 - 0.6	35-65
Coarse Sand	0.6 - 2.0	50-60
Fine Gravel	2.0 - 6.0	less than 10

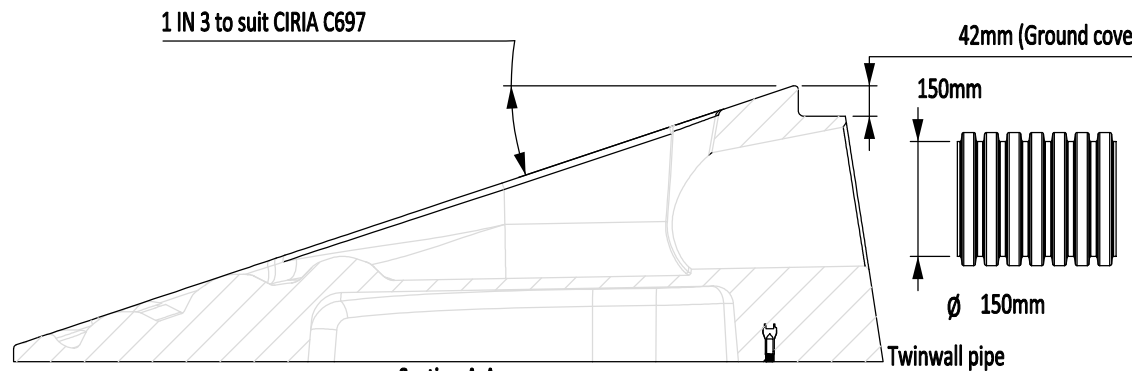
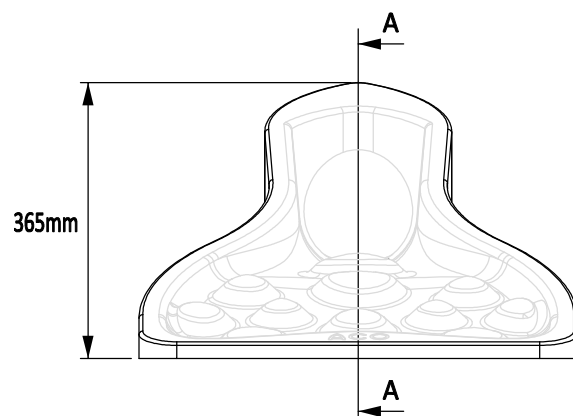
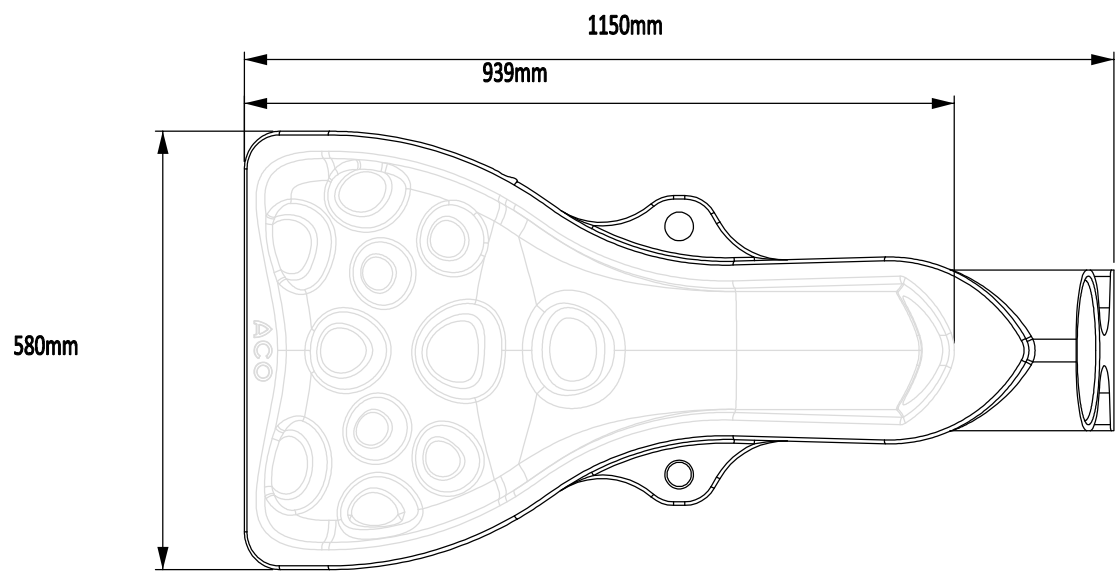


CROSS SECTION THROUGH SWALE
Scale 1:20



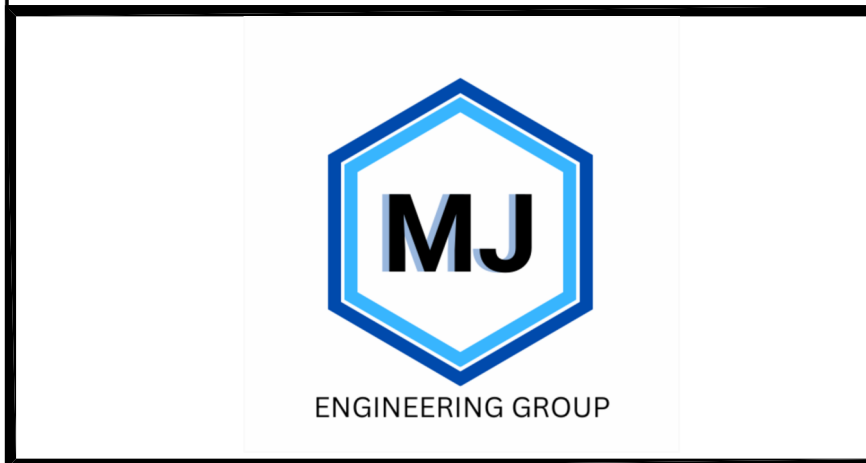
Chainage	0.00	5.00	10.00	15.00	17.500
Existing Top of Embankment	10.451	10.460		10.345	10.388
Existing Ditch Bed	9.568	9.534		9.534	9.545
Proposed Ditch Bed	9.568	9.548	9.528	9.508	9.498
Proposed Gradient	1:250 Gradient				

Ditch Long Section
Scale H 1:250
V 1:50



SuDS Swale Inlet
Scale 1:10

D	26.08.26	Headwall Notes added	MJ	MJ	MJ
C	21.08.26	Headwall and long section detail added	MJ	MJ	MJ
B	02.06.26	Notes added to section C-C	MJ	MJ	MJ
A	10.04.26	Basin location revised	MJ	MJ	MJ



New City Joinery

Project

Land at Stoney Brook Farm, Walberton

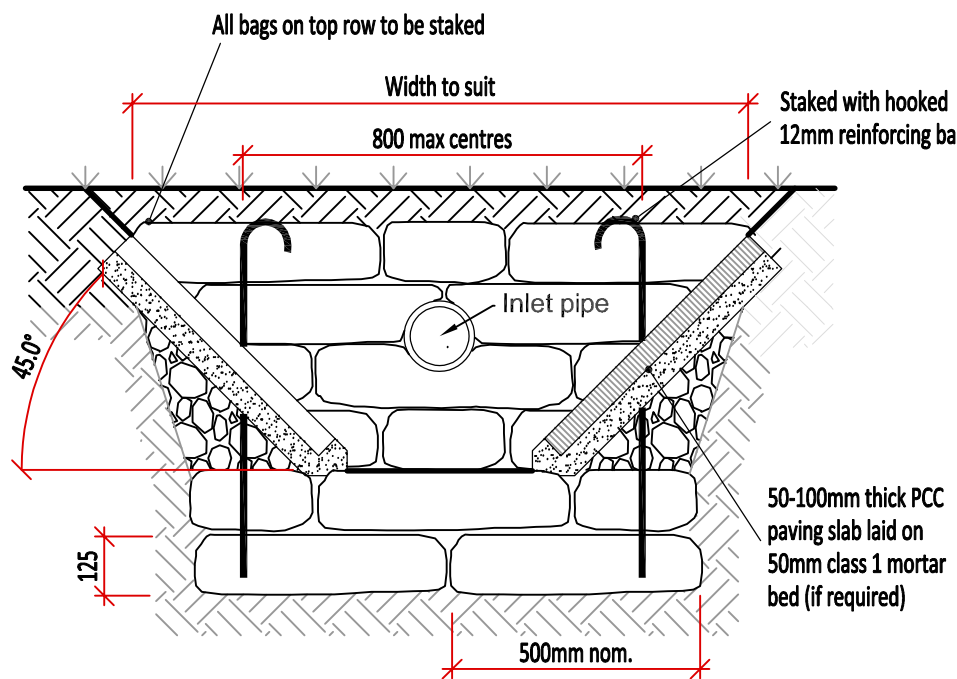
Drawing title

Proposed Surface Water Drainage Watercourse and Pond Sections

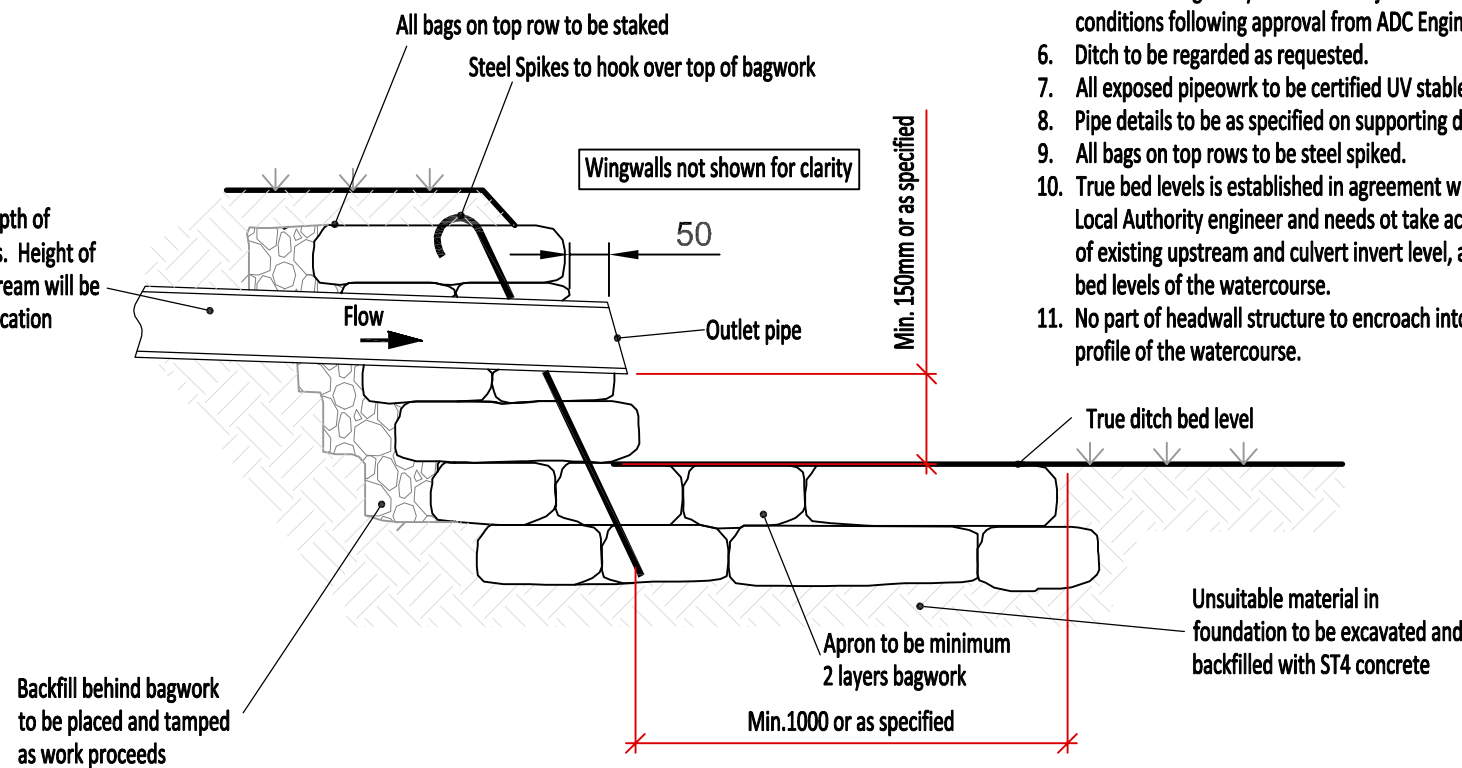
Drawn	MJ	Checked	MJ	Approved	MJ	Date	07/25
Scale at A1	As Shown	Drawing no.	A001-013/300			Revision	D

Headwall Notes

- Bags shall be of Hessian and shall be 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 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 1500 or pipe diameter +1200mm spanning the outlet pipe.
- Headwall design may need to be adjusted to on site conditions following approval from ADC Engineer.
- Ditch to be regarded as requested.
- All exposed pipework to be certified UV stable
- Pipe details to be as specified on supporting drawings.
- All bags on top rows to be steel spiked.
- True bed levels is established in agreement with the Local Authority engineer and needs to take account of existing upstream and culvert invert level, and hard bed levels of the watercourse.
- No part of headwall structure to encroach into the profile of the watercourse.



Elevation of Headwall Outfall
Scale 1:20



Headwall Section
Scale 1:20

100mm

50mm

PRINT ACCURACY INDICATOR 50mm 100mm