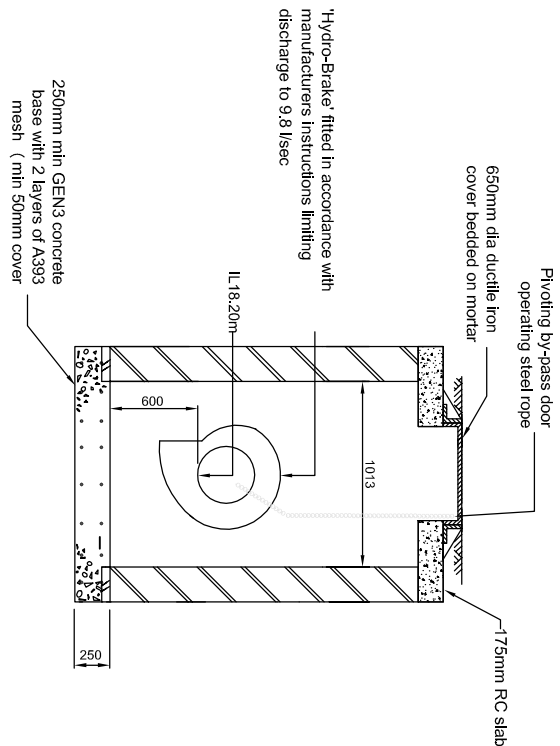
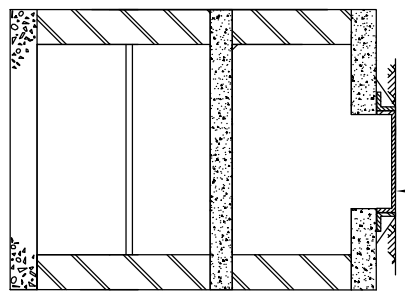


Headwall H1 & Hydro Brake Details:
Scale NTS

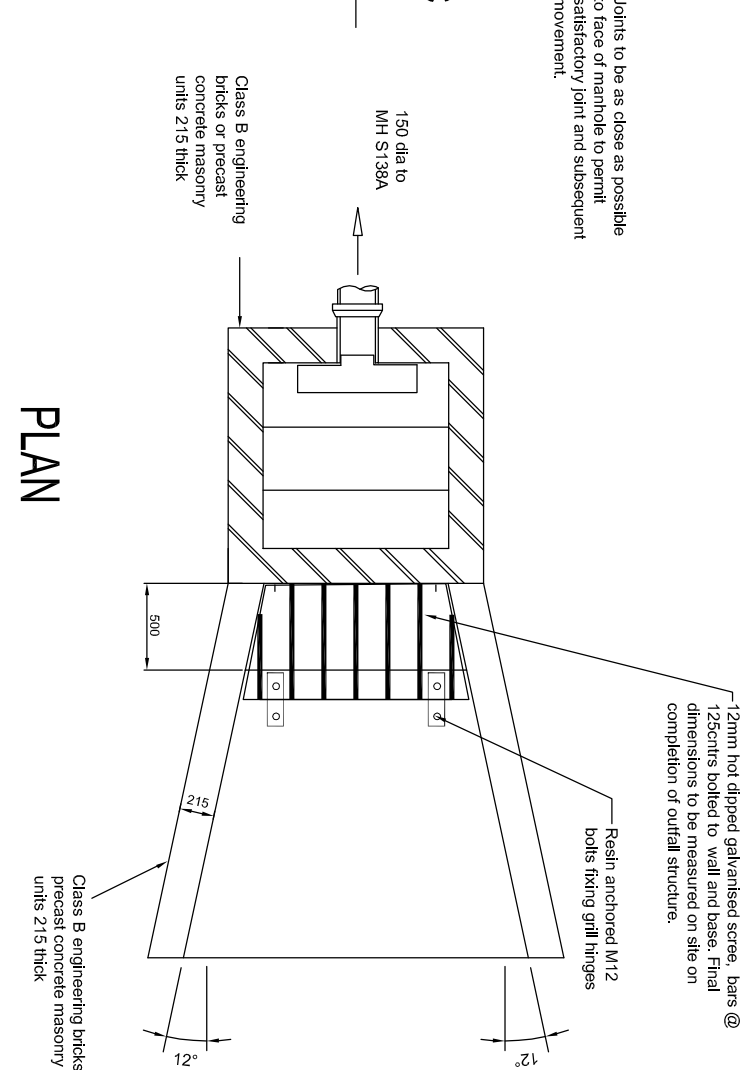
SECTION AA



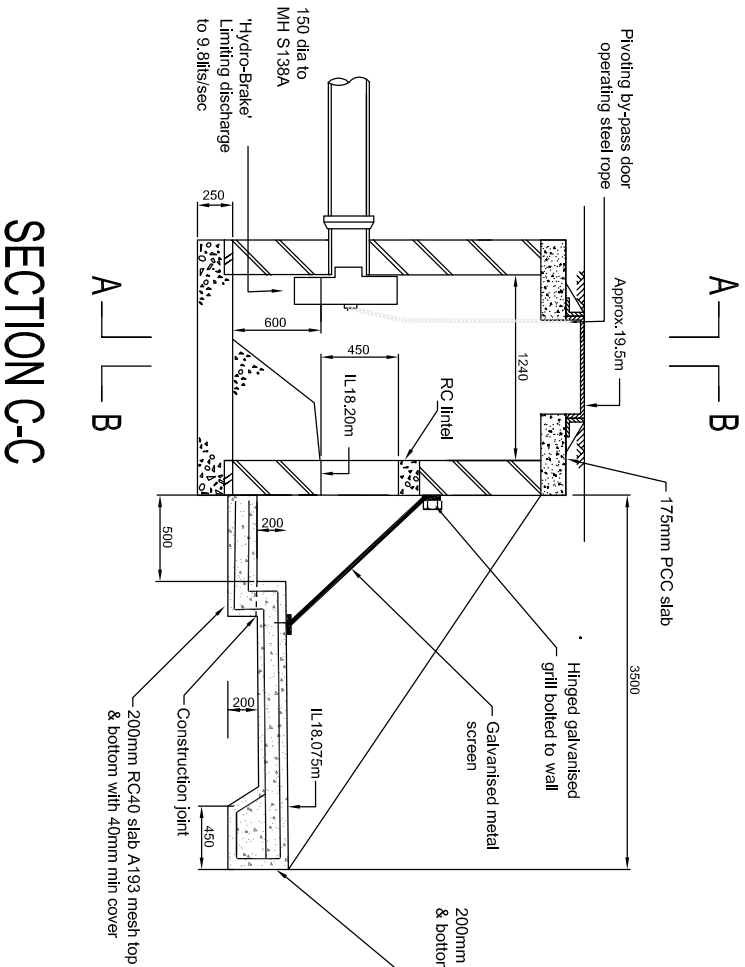
SECTION B-B



PLAN

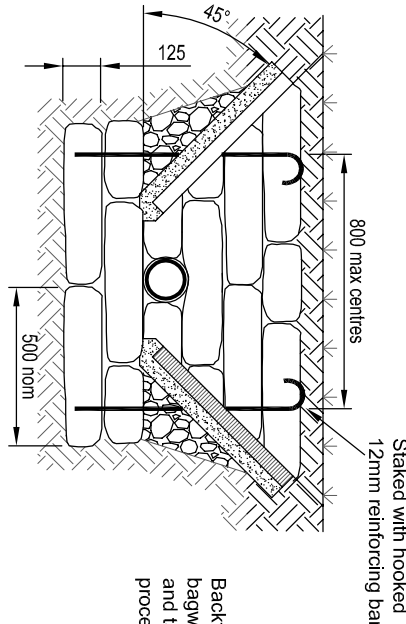


SECTION C-C

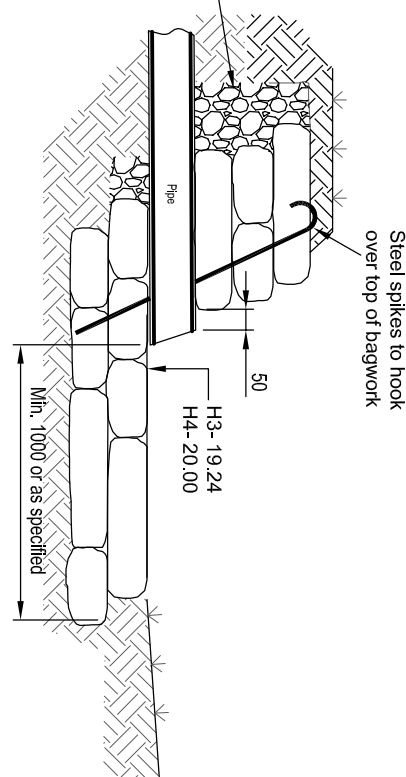


Headwalls H3 & H4 Details:
Scale 1:25

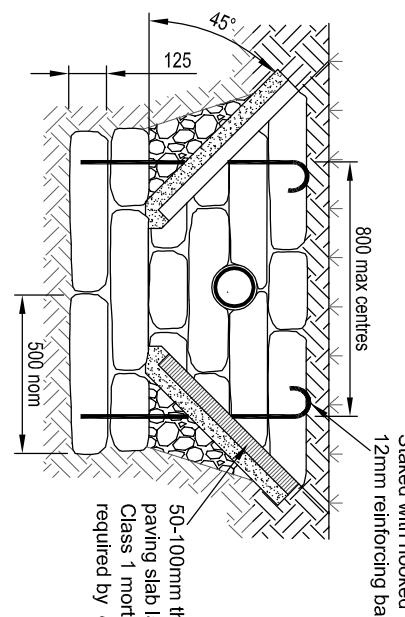
ELEVATION OF HEADWALL
OUTLET/INLET FROM END OF DITCH



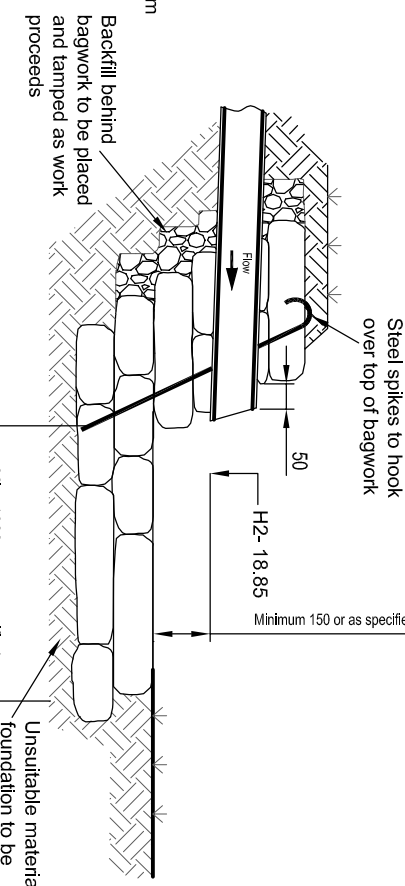
HEADWALL SECTION
OUTLET/INLET FROM END OF DITCH



ELEVATION OF HEADWALL OUTFALL TO POND



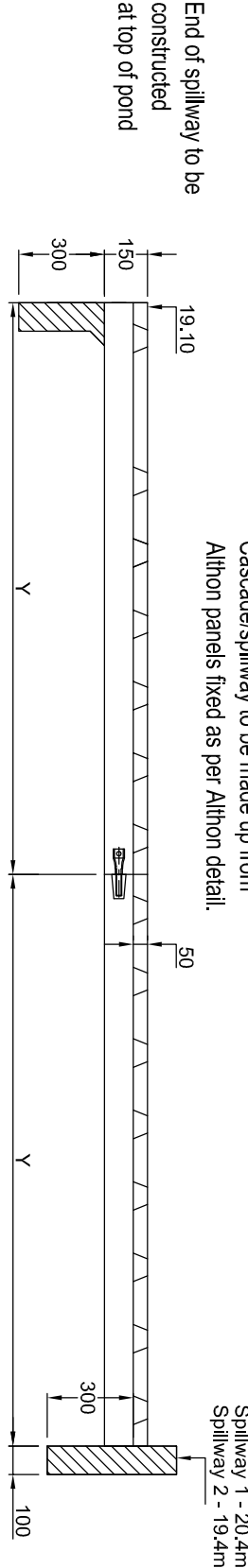
HEADWALL SECTION OUTFALL TO POND



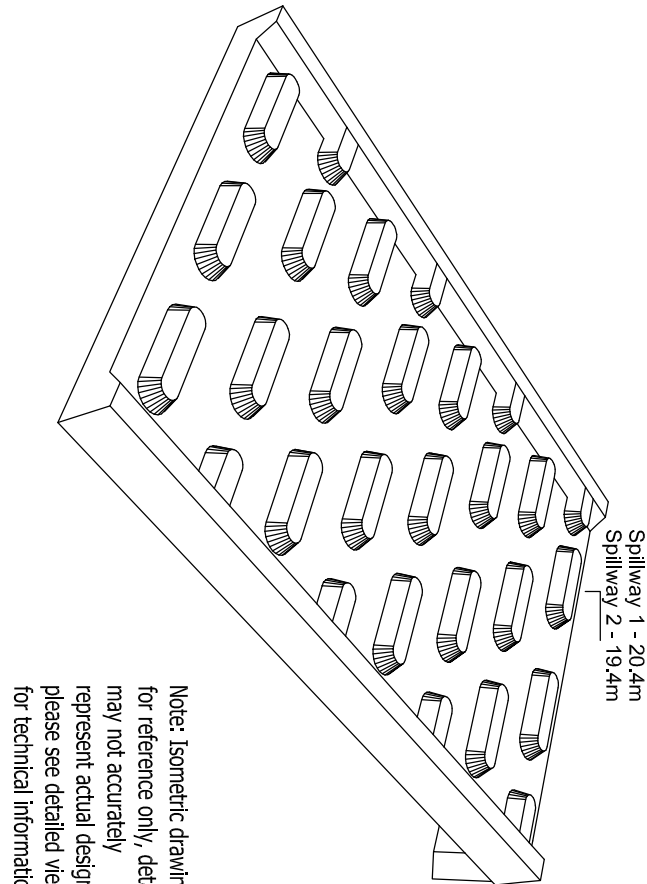
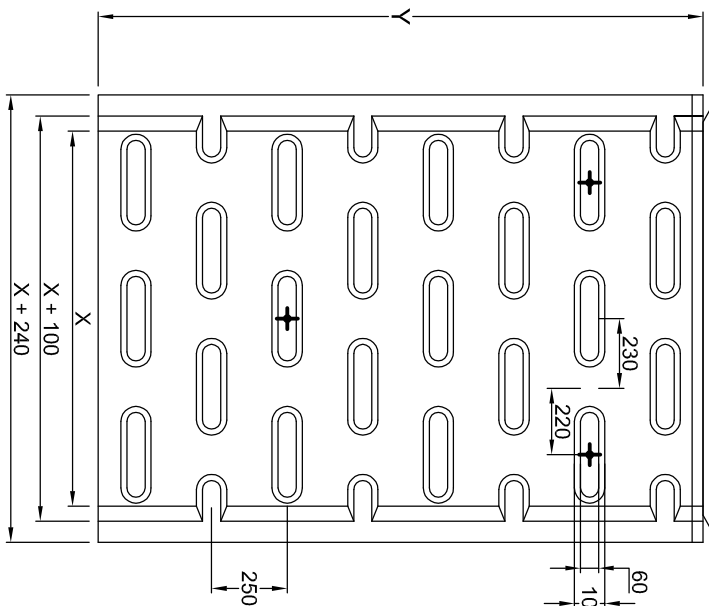
- NOTES: Headwall Backwork Headwalls
1. Backfill shall be of best quality and shall be of a size to provide a wall thickness of 500mm.
 2. Concrete backwork shall be to Class 519 S14 concrete immediately prior to placing with the main wall.
 3. The backfill shall be placed in a modified French drain away from the surface and be dumped into position to form a rectangular block.
 4. Extent of outlet protection to be the greater of the outlet pipe.
 5. Headwall design may need to be adjusted to Engineer.
 6. Ditches may be upgraded if required.
 7. All exposed pipework to be certified UV stable.
 8. Pipe details to be as specified on supporting drawings.

Spillway Details: Scale 1:25

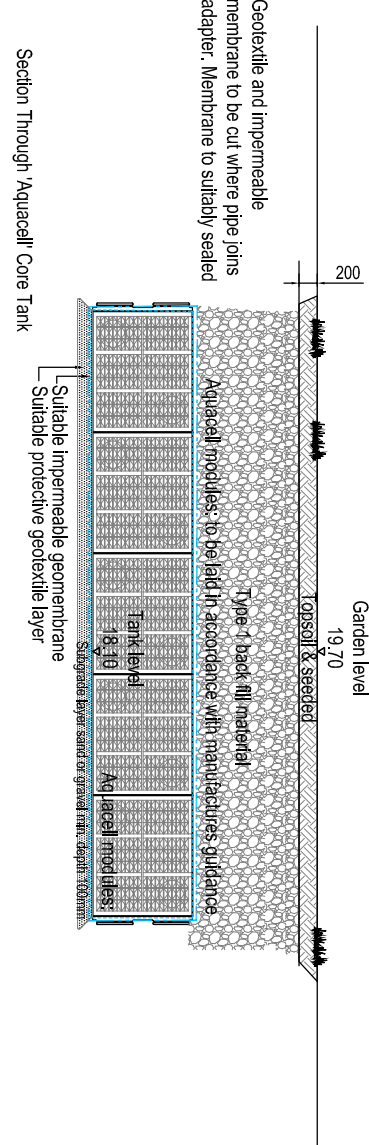
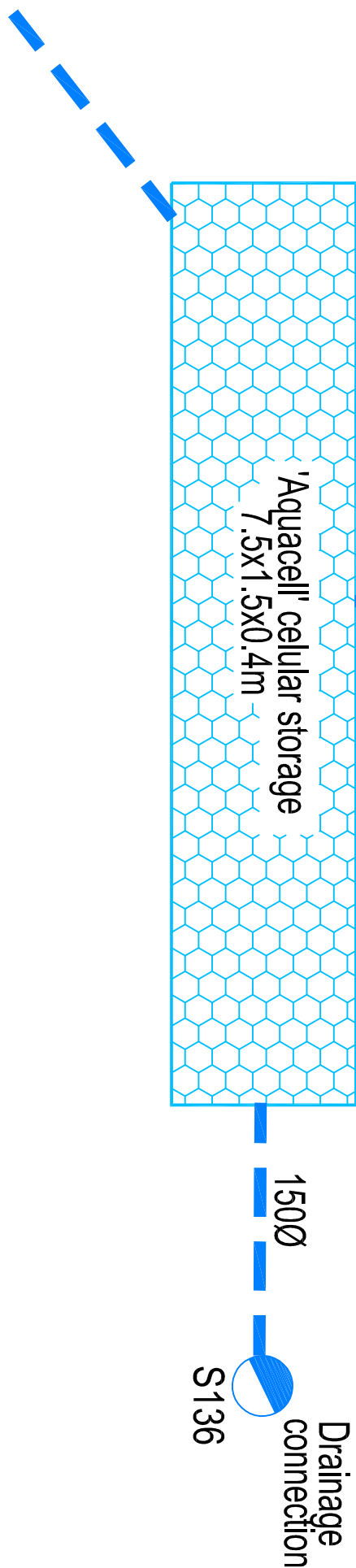
Drawings based on Althon details for Cascade Panel
Final construction details to be based on working
drawings issued by Althon.



Spillway 1: X = 1600mm Y = 2500mm Crest Level = 20.40m
Spillway 2: X = 1000mm Y = 4200mm Crest Level = 19.40m



Plot 32 Surface Water Attenuation Details:
Scale 1:50



Project		GRANGE ROAD NETLEY ABBEY	
Client		BLIVIA HOMES	
Drawing Title		Engineering Details Standard Construction Details	
Drawn	Checked	Scales	Page Size
KN	AS SHOWN	A1	01.23
Job No.	501-04	Drawing No.	Revision
KNC2114			A



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