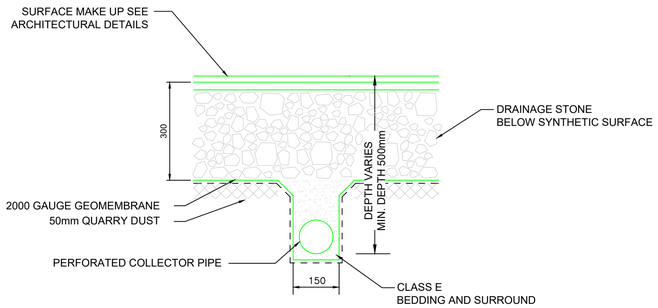
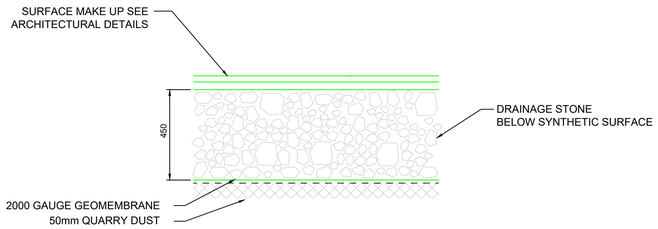


TYPICAL DETAIL - PERFORATED DRAINAGE PIPE TO SPORTS SURFACE

SCALE 1:10

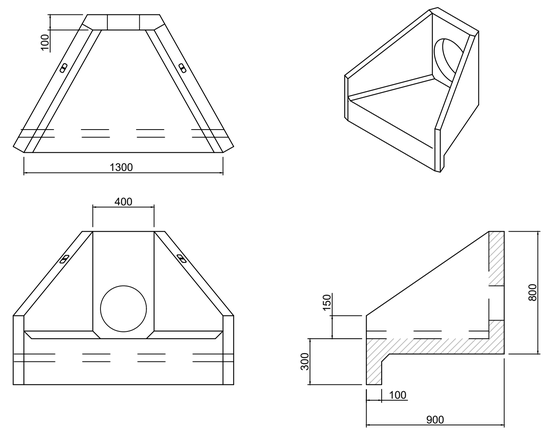


TYPICAL DETAIL - STORM ATTENUATION BENEATH ATHLETICS TRACK

NTS

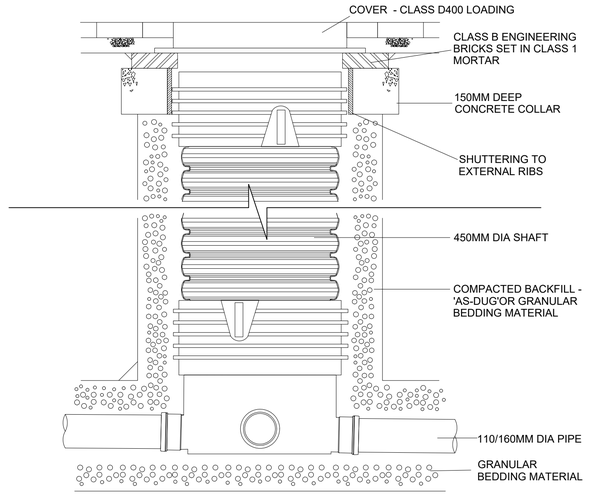
H3C SPECIFICATION INFORMATION

- OPENING IN BACK ALL CAST TO SUIT OUTSIDE DIAMETER OF THE PIPEWORK
- INVERT LEVEL OF PIPE CAN BE SET TO YOUR SPECIFICATION
- H3C SUITABLE FOR PIPEWORK UP TO 300mm ID TWIN WALL OR CLAY / 225mm ID CONCRETE

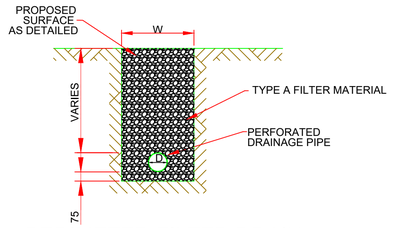


TYPICAL HEADWALL DETAIL

SCALE: NTS

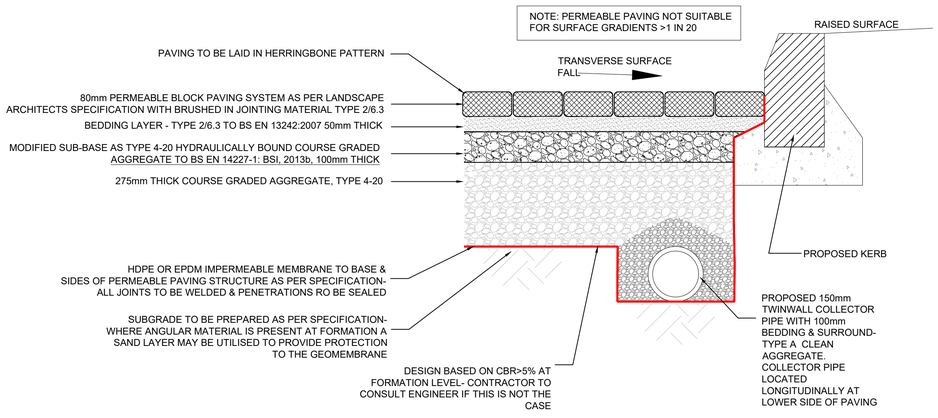


450mm Ø POLYPROPYLENE MANHOLE CHAMBER



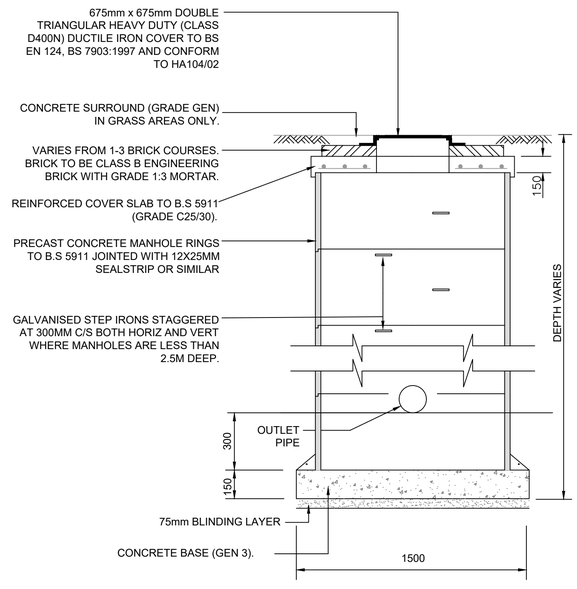
PERIMETER FILTER DRAIN

NTS



TYPICAL DETAIL PAVING STRUCTURE WITH STORAGE

SCALE: 1:10



SILT PIT MANHOLE CHAMBER

NOTES

1. This SUDS design is covered by copyright and may not be reproduced or transmitted in any form without prior consent from McCloy Consulting Limited. Any changes to the specification without prior consent from the Engineer will invalidate the design.
2. Impermeable geomembrane to be high density polyethylene (HDPE), propylene or ethylene diene monomer rubber (EPDM) In line with guidance provided in CIRIA Report C748
3. Bedding laying course to AG Xflo permeable block paving system shall be 50mm depth of Type 2/6.3 clean crushed stone to BS EN 13242:2007.
4. Permeable pavement construction work to be phased at the completion of general site work.
5. Any soft areas or pockets of soft material in the subgrade shall be removed and filled with a suitable permeable material (such as modified Class 6F2 capping material) and compacted.
6. The permeable pavement design has been based upon the subgrade achieving a CBR value of >5%.
7. All dimensions are in millimetres unless otherwise stated.
8. All paving should be installed in accordance with BS 7533: Part 3 2005 by a competent paving contractor.
9. All aggregates should be installed in accordance with the material specifications table.

MATERIAL SPECIFICATION	
Material	**Specification**
80mm Acheson Glover Xflo Concrete Block	BS1338:2003
50mm laying course of graded 6.3-2.0mm grit	BS13242:2007
Hydraulically Bound Aggregate	BS EN 14227:2013
Coarse Graded Aggregate	BS13242:2007
Impermeable geomembrane to base and sides	CIRIA REPORT C748

ISSUE	DRN	APP	DATE	NOTES / DESCRIPTION
1	VB	PDD	25/04/24	PROPOSED DRAINAGE LAYOUT PLAN

STATUS: PLANNING

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PROJECT: RATHMORE ROAD, LUSK RECREATIONAL HUB

CLIENT: Comhairle Contae Fhine Gall Fingal County Council

DRAWING TITLE: PROPOSED DRAINAGE DETAILS

SCALE	ORIGINAL SIZE
AS SHOWN @ A1	A1

DRAWN	CHECKED	DATE
VB	PDD	25/04/2024

PROJECT No.	DRAWING No.	ISSUE NO.
M02127-09	DWG_201	1