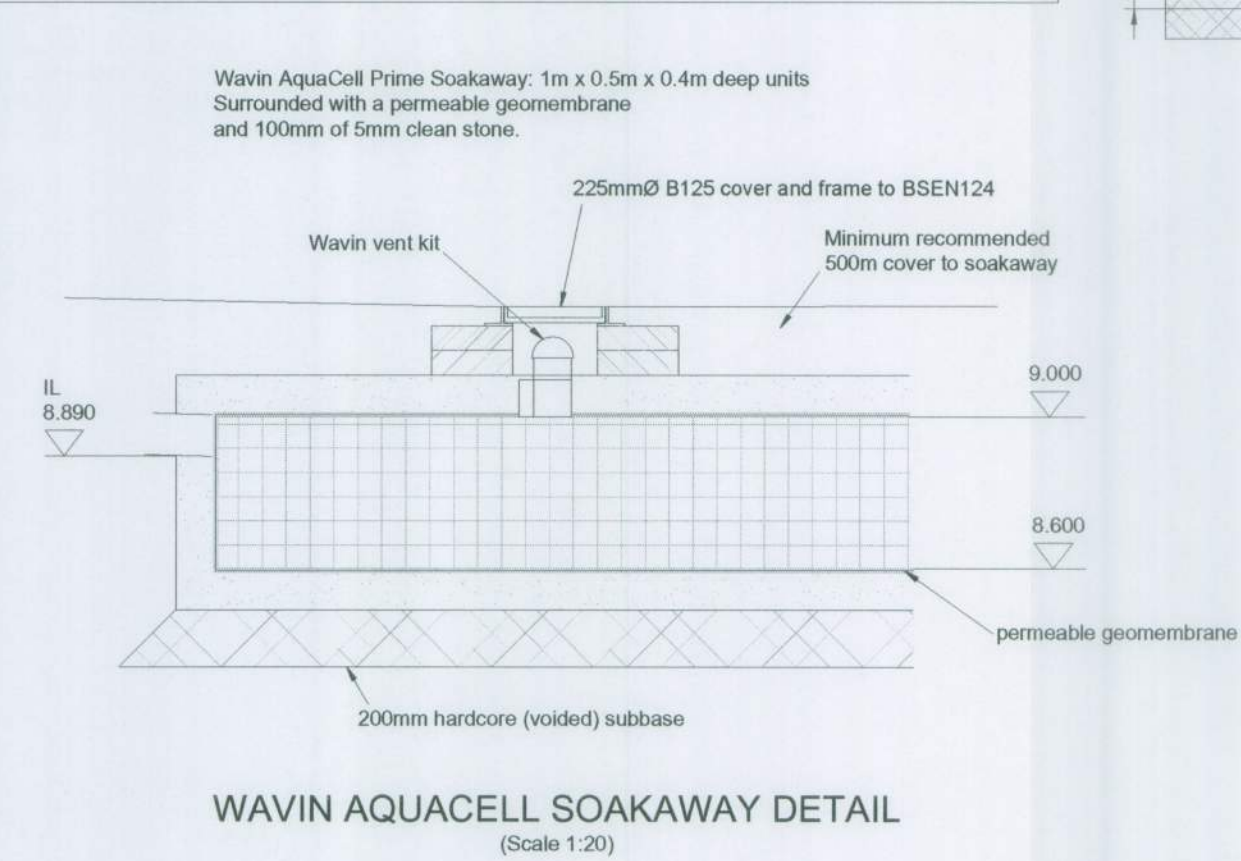
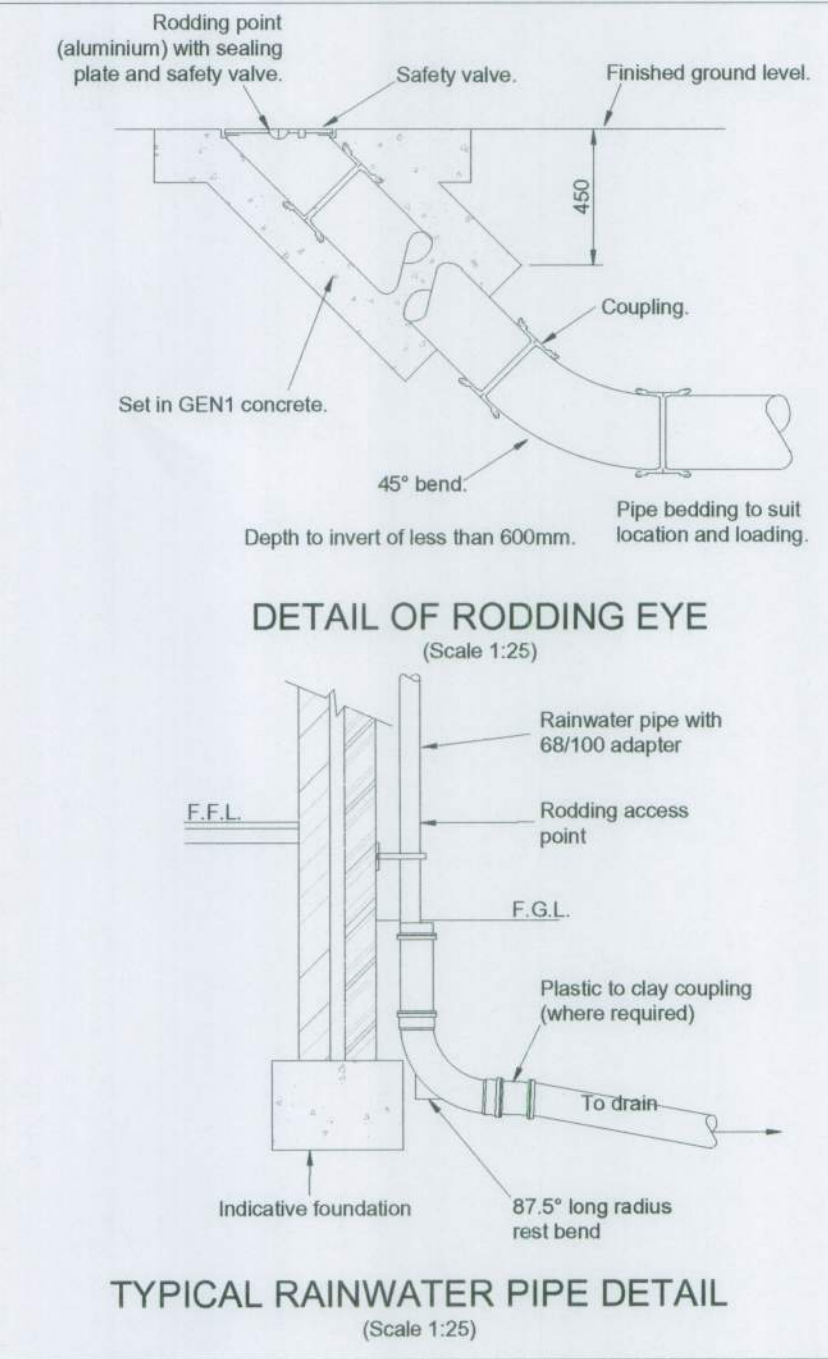




Access and Waterways

Where chambers are positioned on 90° corners, always use the main channel by fitting a 45° bend on the inlet and outlet

Note: Where the access chamber is in the highway the Highway Authority can have specific requirements
Not to scale

High standard of workmanship required not to be used unless accurate hand trimming by shovel is possible

CLASS D PIPE BEDDING

Where accurate hand trimming is not possible class N is an alternative to class D

CLASS N PIPE BEDDING

Where there are sockets these should be not less than 50mm above the floor of the trench

Generally suitable in all soil conditions granular fill to half depth of pipe

CLASS B PIPE BEDDING

Generally suitable in all soil conditions

CLASS F PIPE BEDDING

PIPE BORE	BEDDING CLASS	Fields and gardens		Light traffic roads		Heavy traffic roads	
		MIN	MAX	MIN	MAX	MIN	MAX
100mm	D or N	0.4	4.2	0.7	4.1	0.7	3.7
	F	0.3	5.8	0.5	5.8	0.5	5.5
	B	0.3	7.4	0.4	7.4	0.4	7.2
150mm	D or N	0.6	2.7	1.1	2.5	—	—
	F	0.6	3.9	0.7	3.8	0.7	3.3
	B	0.6	5.0	0.6	5.0	0.6	4.6
225mm	D or N	—	—	—	—	—	—
	F	0.6	2.5	1.2	2.1	—	—
	B	0.6	3.3	0.8	3.2	0.9	2.4

PIPE BEDDING FOR RIGID APPLIES (NON ADOPTIVE DRAINS)

LEGEND:

-  Selected fill: free from stones larger than 40mm, lumps of clay over 100mm, timber frozen material and vegetable matter
-  Granular material: should conform to BS 882:1983 table 4 or BS8301:1985 Appendix D. Compaction fraction > 0.3 for class N > 0.2 for class F and B.
-  Selected fill or granular fill free from stones larger than 40mm
- X' - Denotes external pipe diameter.

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the
Civil
Engineering
Practice

CLIENT		PROJECT	
Reg Hawks		Yapton Free Church, Yapton	
TITLE			
Proposed Drainage and Construction Details			
DRAWN		DATE	
M Glasgow		Jun 2017	
ENGINEER		CHECKED	
T. Zajac		BS	
SCALE		PROJECT NO.	
		22815	
		DWG No. REV.	
		201	
As Shown @ A1			