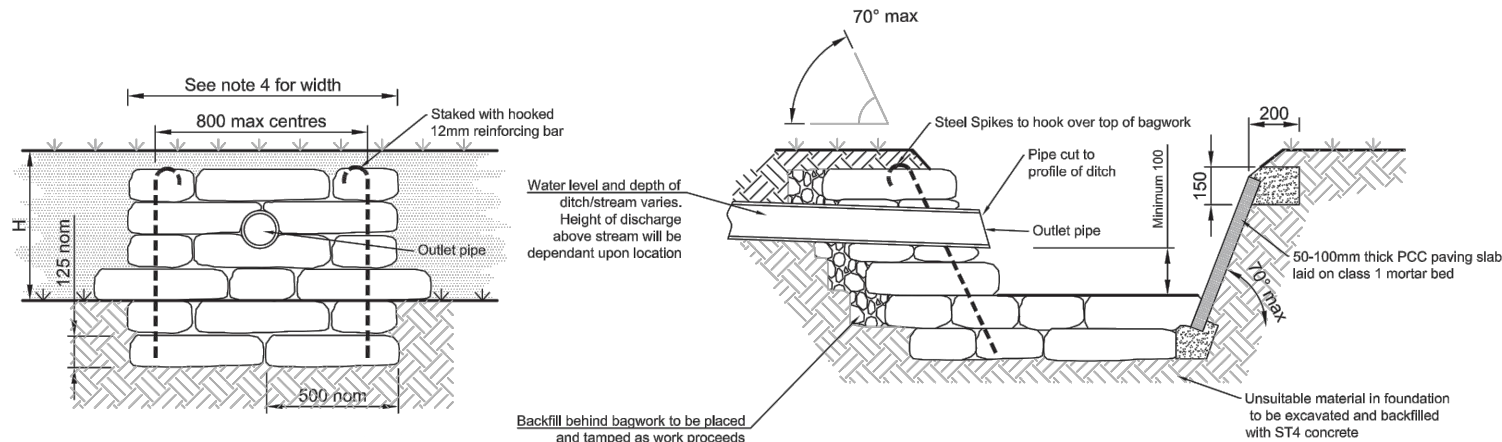




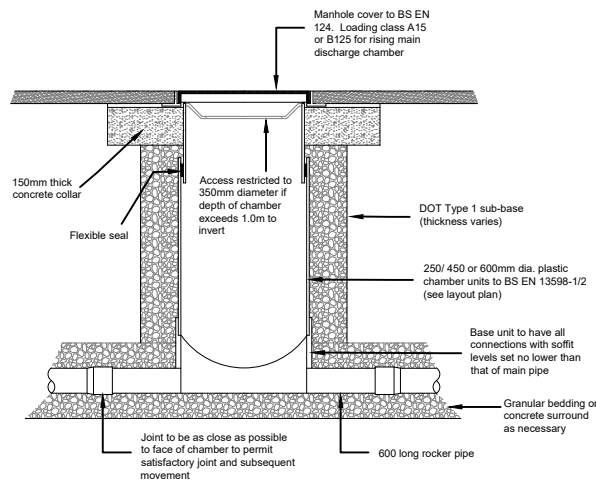
Elevation of Headwall

Section through Headwall

Note: 45° wing walls not shown for clarity

NOTES on HEADWALL CONSTRUCTION

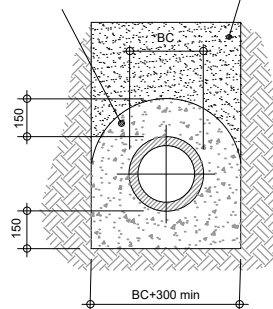
1. Bags shall be of Hessian or Canvas and shall be of a size to provide a wall thickness of 500mm
2. Concrete bagwork shall be to Clause 519 and be three quarter filled with 25mm slump ST4 concrete immediately prior to placing with the ends sewn.
3. The bags shall be placed in a modified Flemish bond so as to 'break joint' with the mouths away from the surface and be tamped into position to form a rectangular block
4. Extent of outlet protection to be the greater of 1500mm or pipe diameter + 1200mm spanning the outlet pipe.
5. Headwall design may need to be adjusted to on site conditions following approval from WSCC Inspector
6. For vehicular crossings of ditches pipes shall be min 450mm diam and be set to invert of ditch. Ditch to be regraded to achieve satisfactory falls.
7. For H>600 appropriate vehicular or pedestrian containment shall be installed.
8. The nearest edge of any carriageway shall be set back at least H from the base of the ditch
9. All exposed pipework to be certified UV stable.



Typical Access Chamber Detail - Type 4
(for use in landscaped areas and footways)

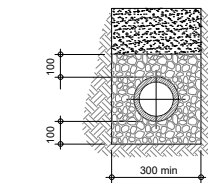
Plain concrete class ST2 to be separated at each joint with an approved compressible material.

Type 1 granular sub-base to road formation



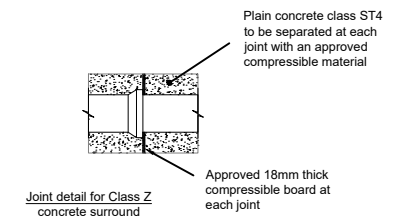
CONCRETE SURROUND (CLASS Z)

To be used where cover to crown of pipe is less than 600mm under soft landscaped areas, less than 900mm under footpaths and less than 1200mm under vehicular areas



GRANULAR SURROUND (CLASS S)

To be used where cover to crown of pipe is greater than 600mm under private soft landscaped areas and greater than 900mm under drives. Concrete bed and surround to be used elsewhere



Joint detail for Class Z concrete surround

						Client	Mr Keen and Miss Robson			Title		Drainage Construction Details		Note See seperate supplier's drawings for details of the sewage treatment plant
						Project	Mow Cottage, Worms Lane, Flansham							
						Notes			Scale	NTS	At original	A4	© Robert Clark Associates Ltd	
-	Original			RC	26.3.21				Drawing Number	2106/C1		Revision	-	
Rev.	Description	App.	Chk.	Drn.	Date									