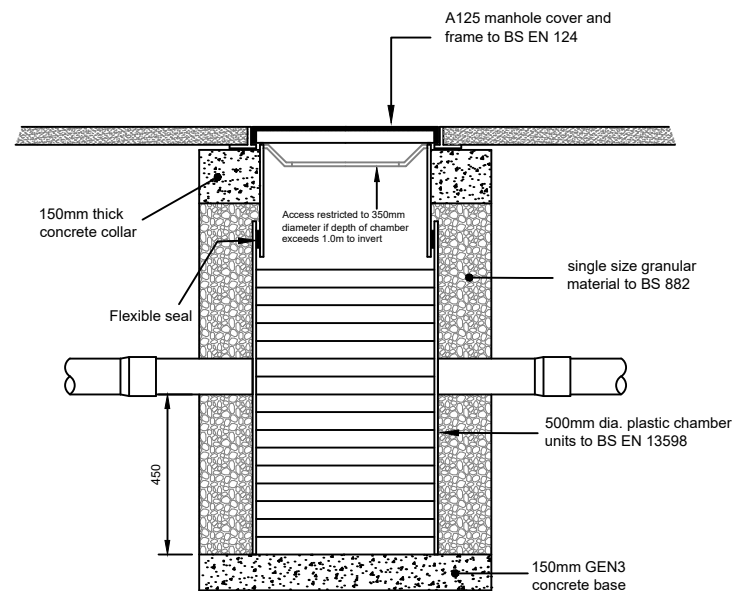
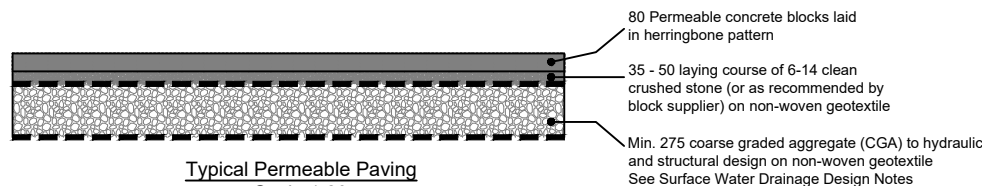


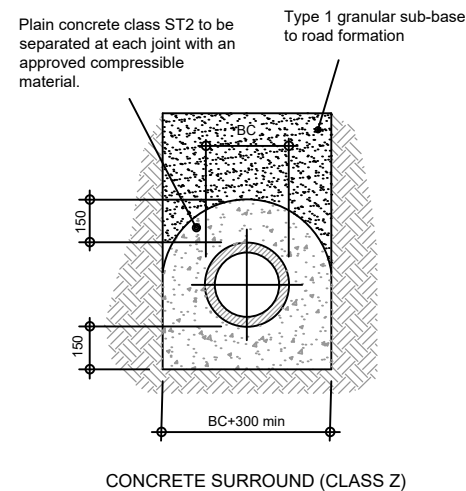


Typical Silt Trap Inspection Chamber Detail
(for use in landscaped areas and footways)
Scale 1:20

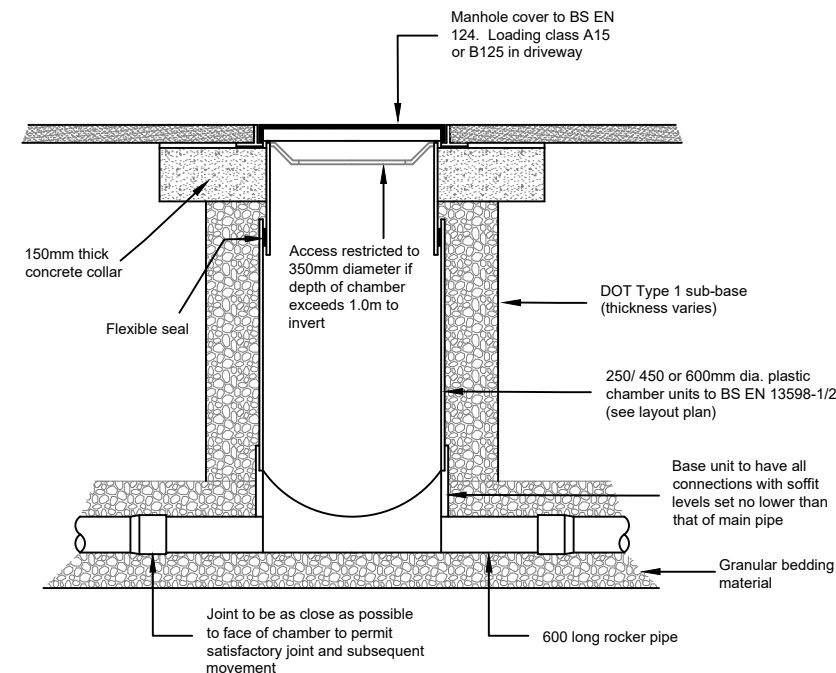


Note

Permeable paving design is for hydraulic purposes only. The structural design will depend on the loads it is required to take and the strength of the formation and is to be carried out by others following CBR or other appropriate testing



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



Typical Access Chamber Detail - Type 4
(for use in landscaped areas and footways)
Scale 1:20

Class D400 manhole cover and frame 600 x 600 clear opening to BS EN 124 to be used in adoptable highways and private roads/drives and car parks with class B125 elsewhere, bedded and haunched with mortar.

All brickwork to be Class B engineering to BS 3921 2 courses min; 4 courses max 225mm thick

80 Permeable concrete blocks laid in herringbone pattern

35 - 50 laying course of 6-14 clean crushed stone (or as recommended by permeable paving supplier) on non-woven geotextile

Min. 275 CGA subject to CBR testing, block manufacturer's recommendations and hydraulic and structural design on non-woven geotextile See Surface Water Drainage Design Notes

Hydraulic link to be provided between granular surround and CGA to permeable paving above to allow water flow

Non-woven geotextile wrapped around filter material

perforated precast concrete rings to BS5911 part 200 constructed with a minimum class 3 sulphate resisting cement to be used throughout.

500 min. compacted granular backfill 50 - 75mm to BS882 contiguous with granular sub-base of permeable pavement to allow water flow

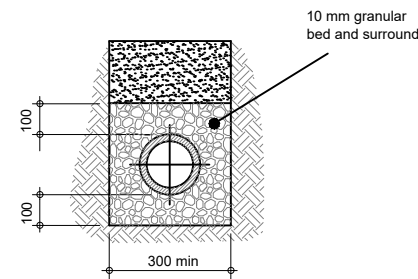
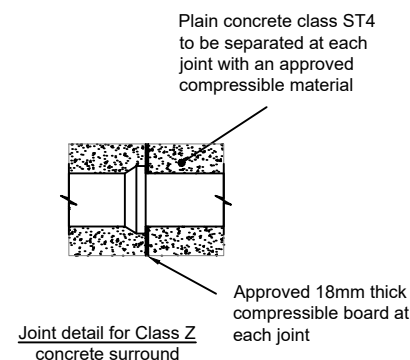
500 wide x 225mm thick concrete foundation class ST2 to extend to edge of excavation

Compacted granular backfill 50-75mm to BS882.

TYPICAL PCC RING SOAKAWAY
IN PERMEABLE PAVEMENT AREAS

Materials for jointing manhole rings and bedding cover slab to Class M1 mortar or an approved rubber bitumen compound or resin mastic sealant.

see layout drawing for soakaway dimensions and pipe details



GRANULAR SURROUND (CLASS S)

To be used where cover to crown of pipe is greater than 900mm under private soft landscaped areas and greater than 1200mm under drives. Concrete bed and surround to be used elsewhere

-	Original	RTFC	10.12.20
Rev.	Description	Drn.	Date

Project	99 Victoria Drive Bognor Regis
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Client	Sam Quinn
Drawing Title	Construction Details

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Scale	NTS
At original	A3
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Revision	-