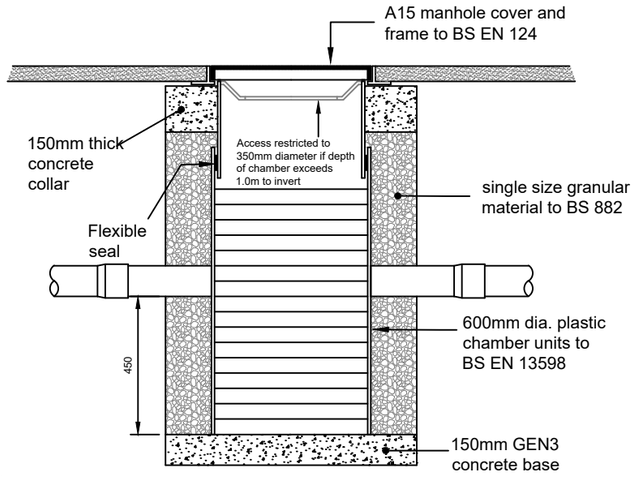
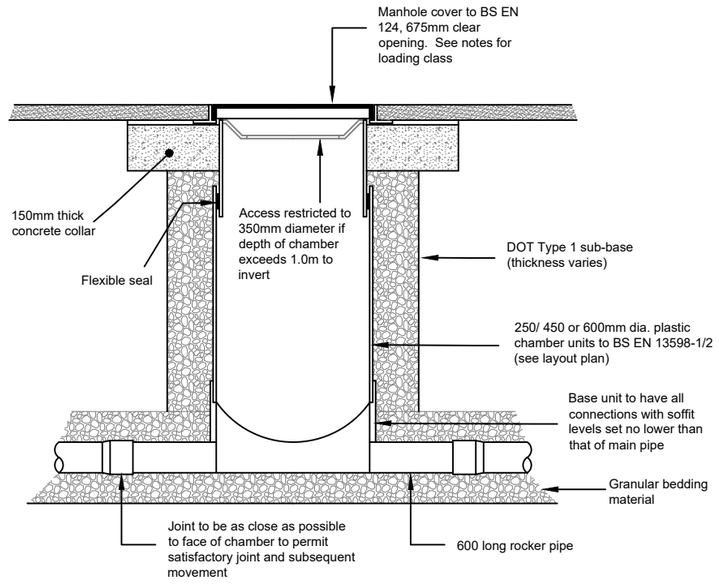


GRANULAR SURROUND (CLASS S)

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



Typical Silt Trap Inspection Chamber Detail
(for use in areas not subject to vehicle loading)



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

Class D400 manhole cover and frame 600mmx600mm 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

675

heavy duty reinforced concrete cover slab

plain p.c.c. rings to be used above lowest pipe

Link / overflow if specified

inlet

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

polypropylene coated mild steel single or double step irons to BS1247 at 250mm c/c

see layout drawing for soakaway dimensions and pipe details

Refer to Notes for depth

Non-woven geotextile wrapped around filter material

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

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

compacted granular backfill 50-75mm to BS882.

500 wide x 225mm thick concrete foundation class ST2 to extend min 100 beyond external diameter of rings.

TYPICAL PCC RING SOAKAWAY

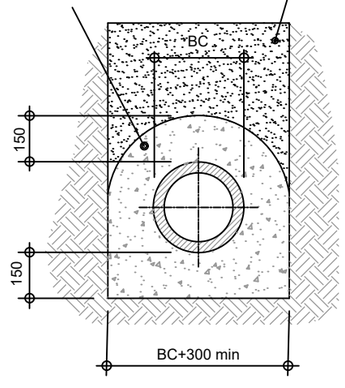
Soakaways in soft landscaped areas

These may be fitted with Class A15 ductile iron covers and frames.

Reinstatement to be topsoil and turf above soakaway granular surround

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 900mm under soft landscaped areas and less than 1200mm under other vehicular areas.

Rev.	Description	Drn.	Date
-	Original	RTFC	14.6.20

Project
Forge House
Nyton Road
Eastergate

Client
Mr Ganley

Drawing Title
SW Construction Details

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Scale: As shown
At original: A3

Drawing Number: 2035/SK6
Revision: -