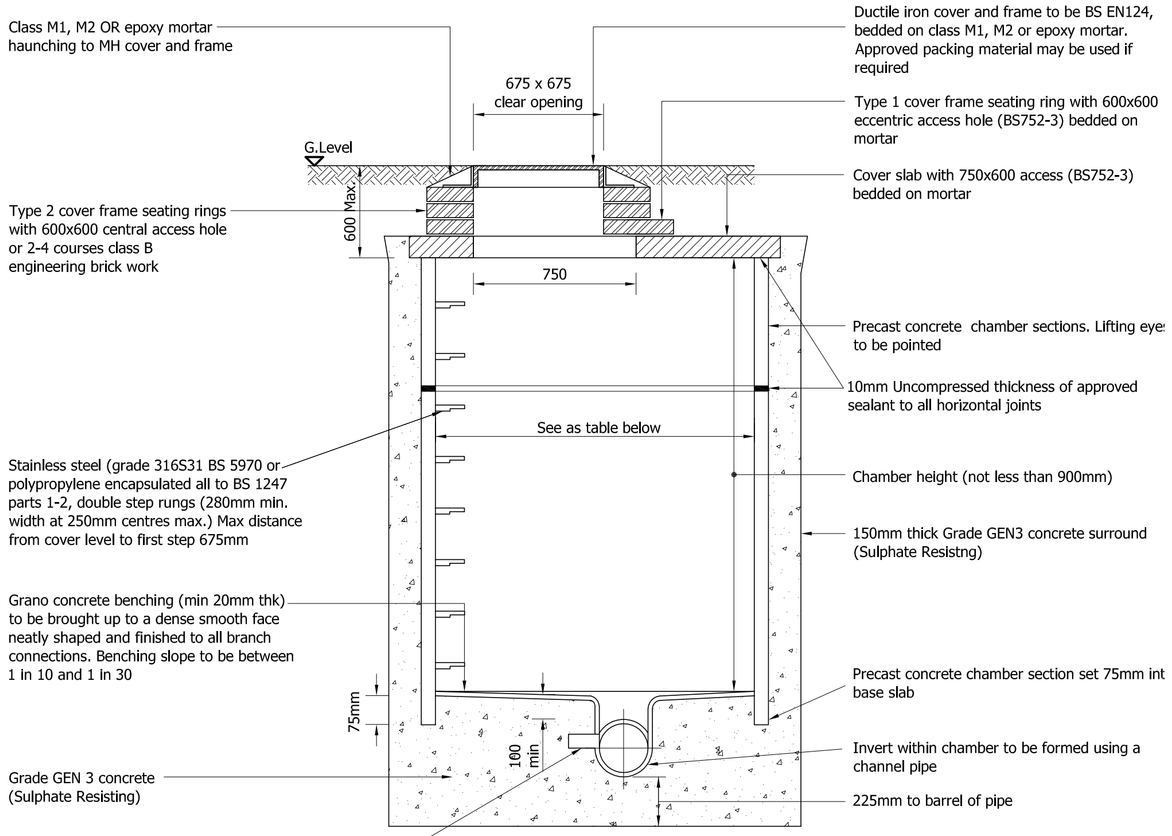
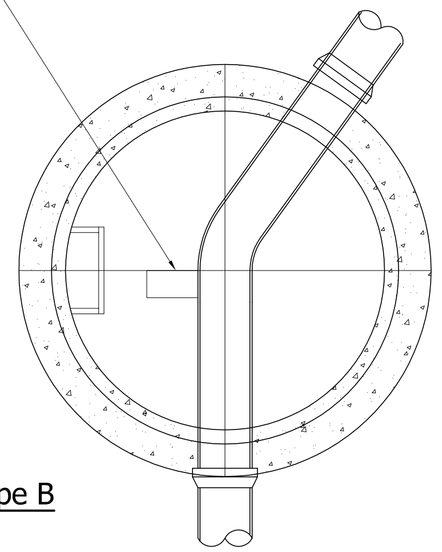


Shaft diameter

Dia or largest pipe in MH(mm)	Int. Dia of MH (mm)
Less than 375	1200
375 to 750	1500
750 to 900	1800



Chambers with outgoing pipe 600mm or greater dia shall be fitted with removable stainless steel (grade 316) safety chains or polypropylene rope.

Typical Manhole Detail - Type B

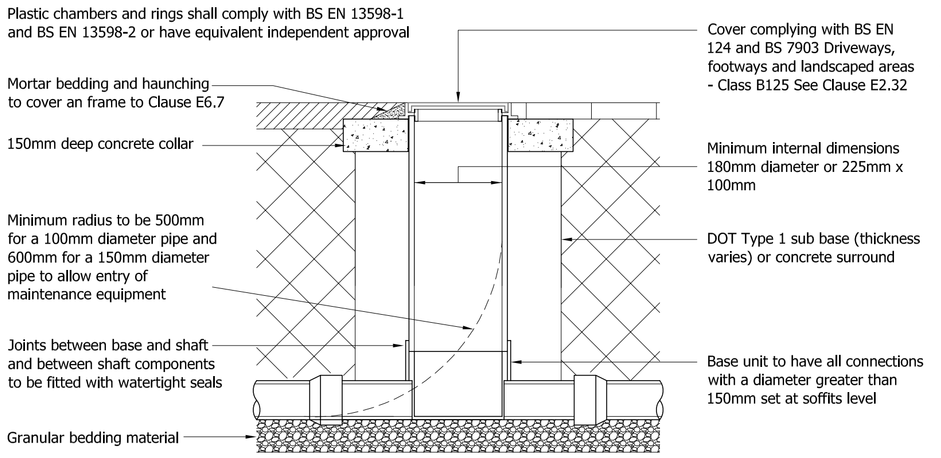
(Scale 1:20)

Depth to soffit less than 3.0m

Rocker Pipes

Sewer Diameter(mm)	Effective Length(mm)
150 to 600	600
675 to 750	1000
825 and Over	1250

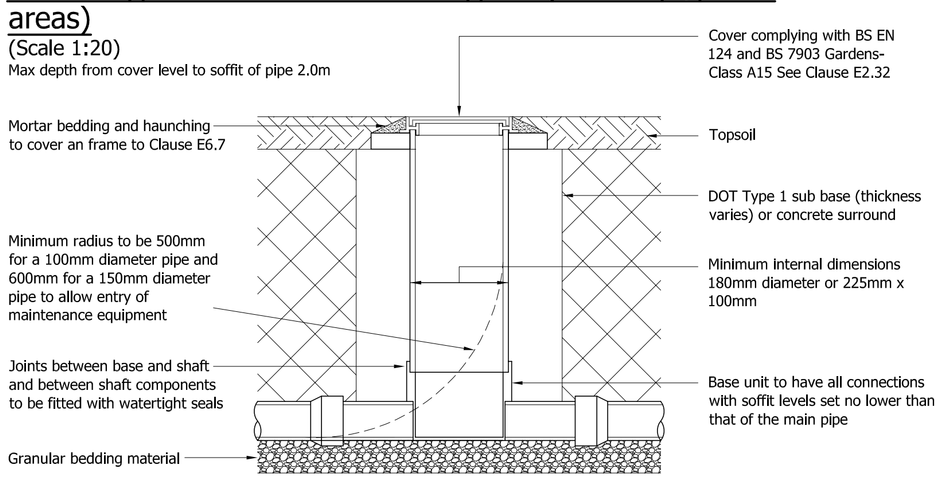
All pipes entering or leaving manholes shall have a flexible joint within 600mm of the inside face of the manhole. The next pipe shall be a short "rocker pipe" with length as table below



Private Typical Access Chamber- Type 4 (driveways/paved areas)

(Scale 1:20)

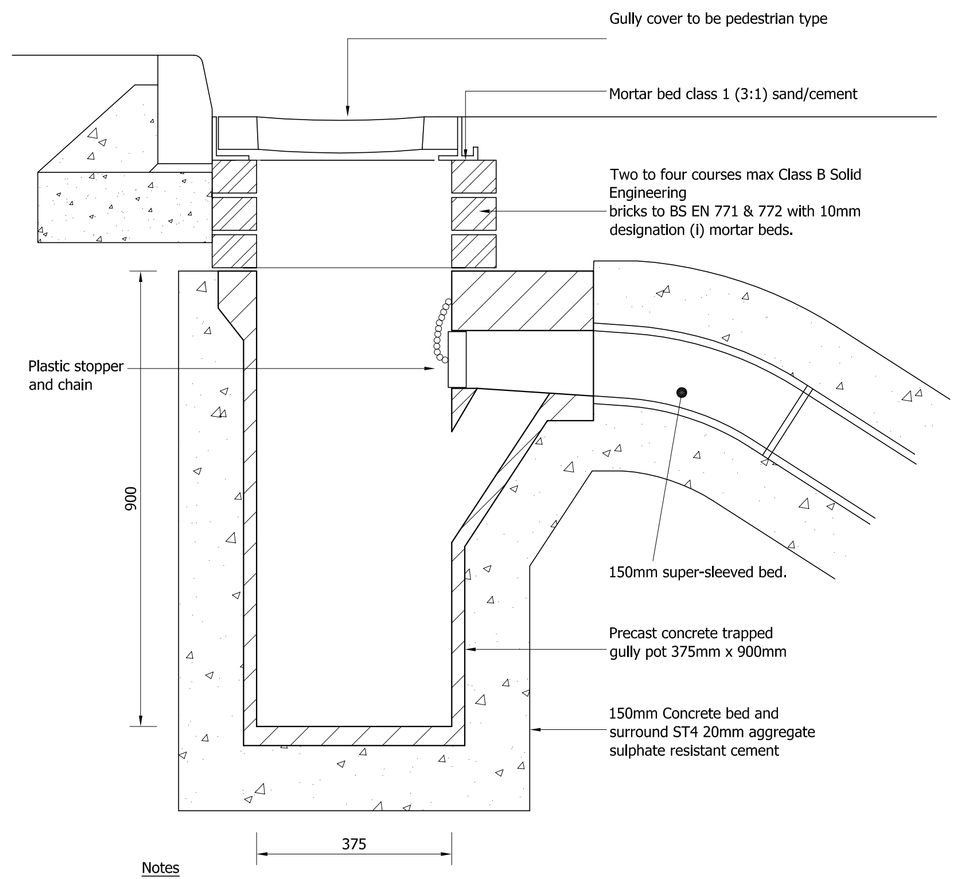
Max depth from cover level to soffit of pipe 2.0m



Private Typical Access Chamber- Type 4 (domestic gardens)

(Scale 1:20)

Max depth from cover level to soffit of pipe 2.0m



Notes

Gully pot and outlet pipe to a depth of 1.2m to be surrounded in 150mm of ST4 concrete. Maximum area drained per single gully is 200m²

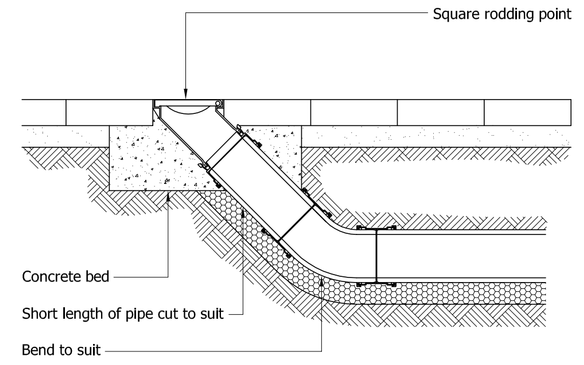
Trapped Highway Road Gully

(Scale 1:10)

External References: External References

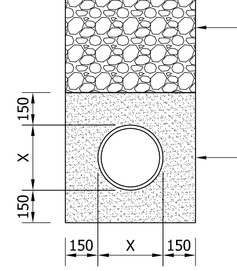
Notes

1. If in doubt, ask the Project Engineer.
2. Do not scale this drawing.
3. All dimensions are in millimetres unless stated otherwise.
4. This drawing to be read in conjunction with all other relevant drawings and specifications.
5. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.



Private Rodding Eye Detail

(Scale 1:10)



TYPE 'S' BEDDING

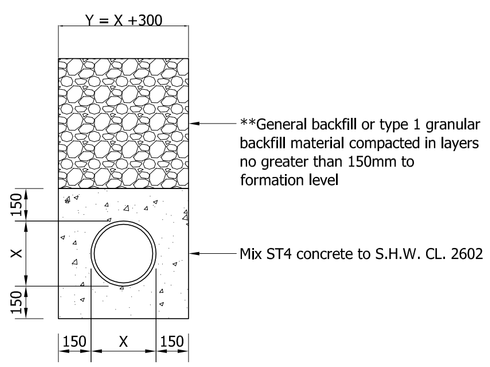
(Scale 1:20)

**General backfill to drainage tenches in vehicular trafficked areas above the pipe bedding detail shall be suitably selected material (in accordance with BS8301 Clause 5.7.6.1) and placed in layers not exceeding 225mm, each layer compacted to form a suitable trench backfill, should the material be unsuitable or weather conditions affect the materials stabilty, then a hard granular material shall be used up to formation level

Note:

Applicable where pipework has more than 1200mm cover under trafficked areas or more than 600mm under non-trafficked areas

Vitrified clay pipes to BS 65: 1988 to classes S standard strength; ES extra strength and SS super strength



TYPE 'Z' BEDDING

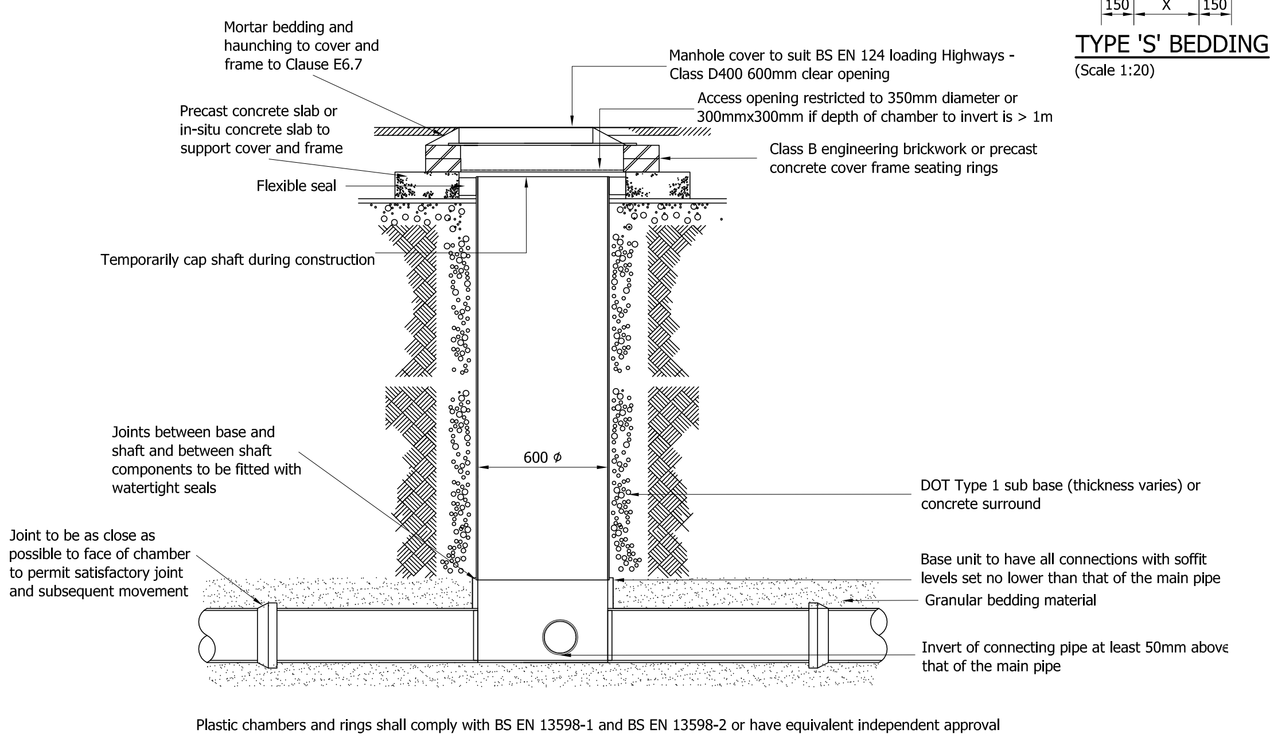
(Scale 1:20)

Note:

Applicable where pipework has less than 1200mm cover under trafficked areas or less than 600mm under non-trafficked areas.

Surround to be used for gully and kerb drainage outlets.

Vitrified clay pipes to BS 65: 1988 to classes S standard strength; ES extra strength and SS super strength

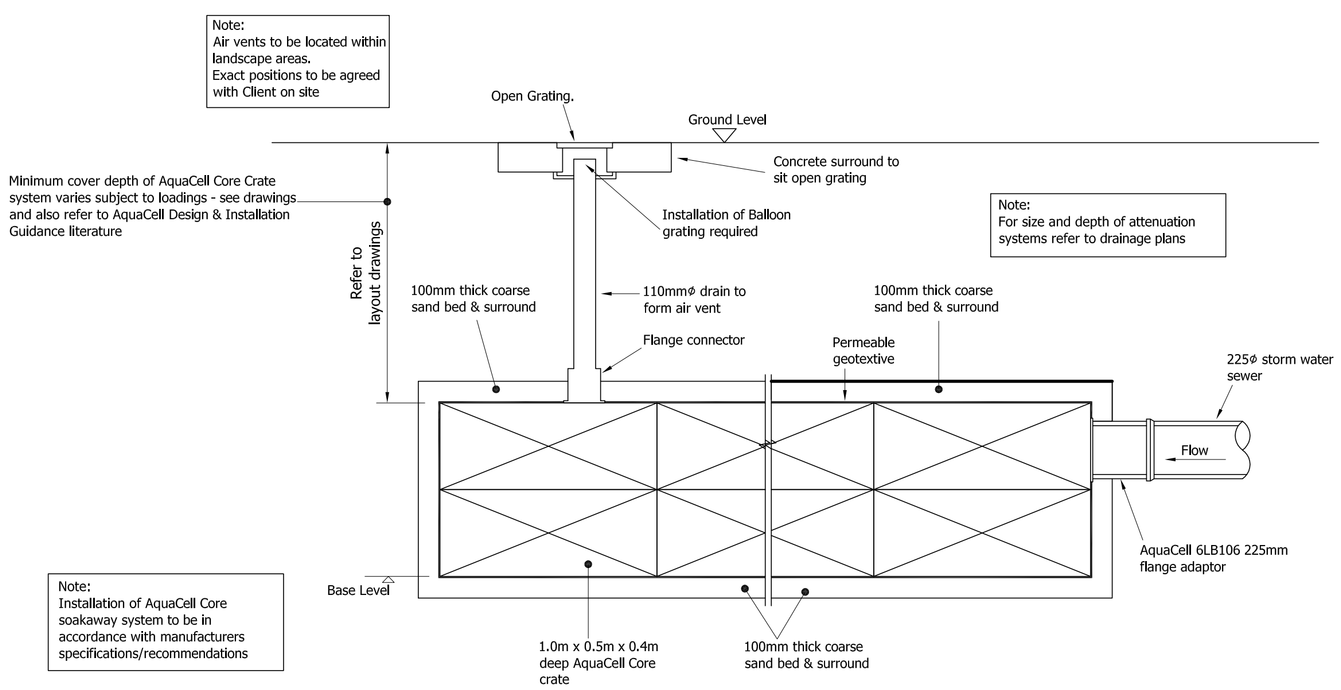


Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval

Private Typical Inspection Chamber Detail - Type 3

(Scale 1:20)

Maximum depth from cover level to soffit of pipe 3m



TYPICAL AQUACELL CORE SOAKAWAY DETAIL

N.T.S.

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Rev	Revision Description	X.X	NYI
01	Amendments	Rev'd by	Date

Client

Tina Croxford

Project

Residential Development
65 Peterborough Road
Crowland, Lincolnshire

Title

Drainage Details

Project	Originator	Volume	Level	Type	Role	Number
170193	WDK	00	SI	DR	D	00003

Internal Project Reference

170193

Suitability | Suitable For

S2 - For Information

Scale	Created	Revision
As Indicated @ A1	07.09.17	01

Project Engineer	Drawn	GPD	Checked	SD
SD	Reviewed	GPD	Approved for Issue	GPD

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