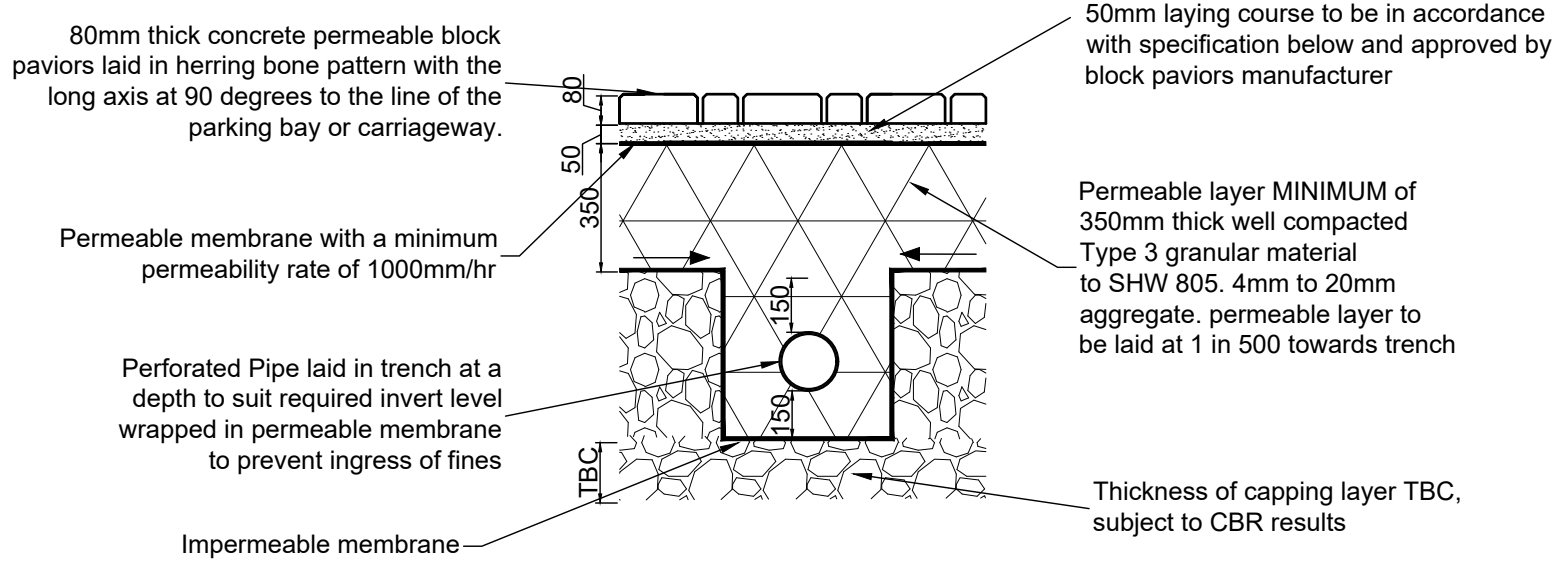
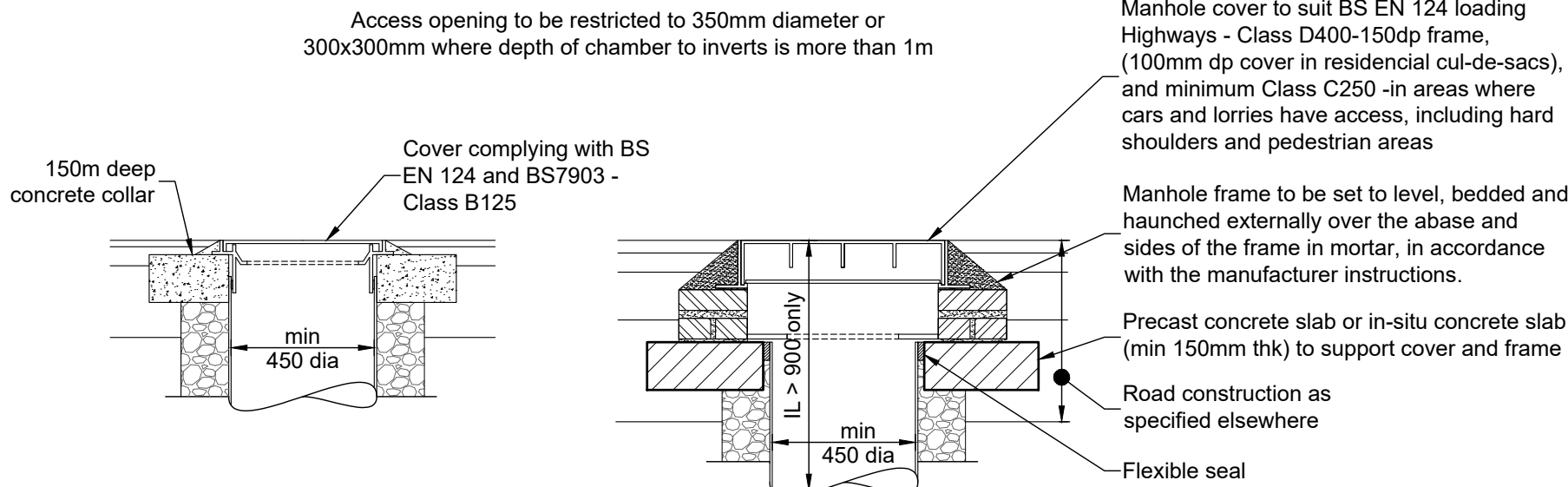


Typical Particle Size Distribution limits for Type 4/20 coarse graded aggregate	
BS Sieve Size	Percentage Passing
40mm	100
31.5mm	98-100
20mm	90-99
10mm	25-70
4mm	0-15
2mm	0-5



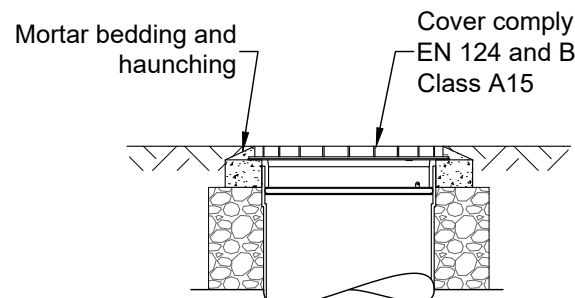
Type C Permeable Paving

1:20



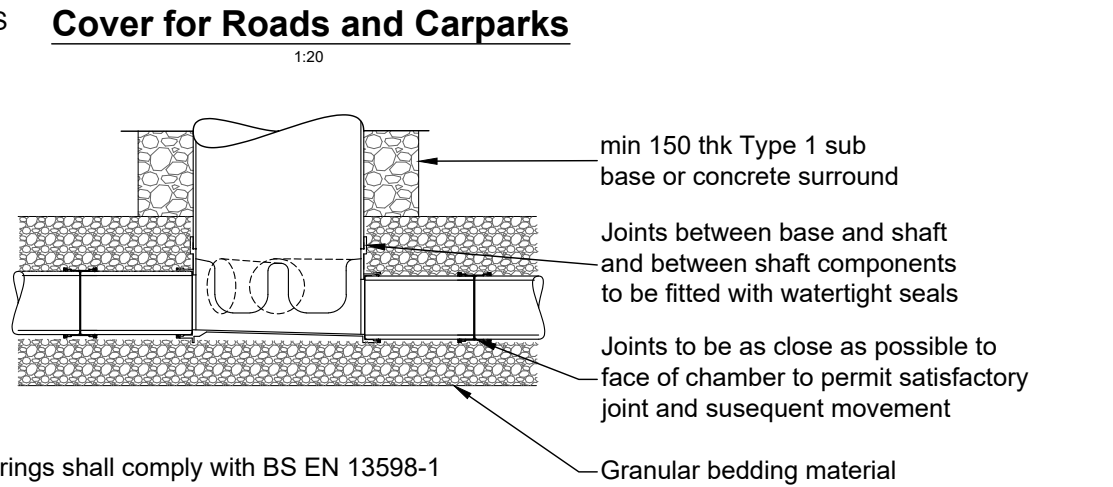
Cover for Footpaths and Landscaped Areas

1:20



Cover for Domestic Gardens

1:20

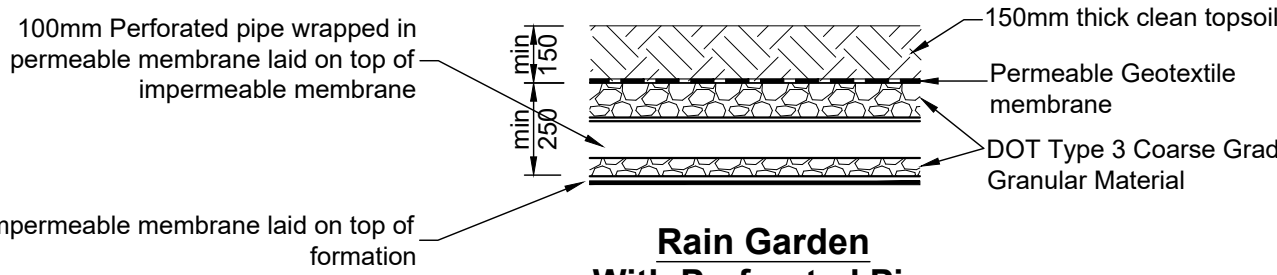


Cover for Roads and Carparks

1:20

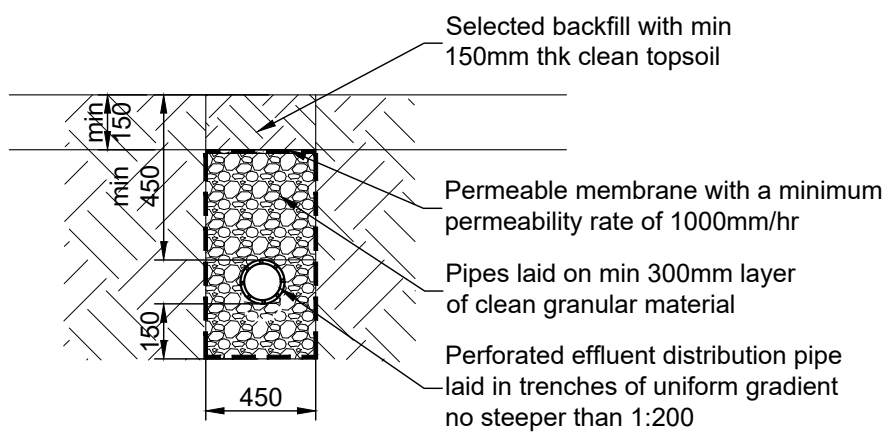
Polypropylene Inspection Chamber (PPIC) Detail

1:20



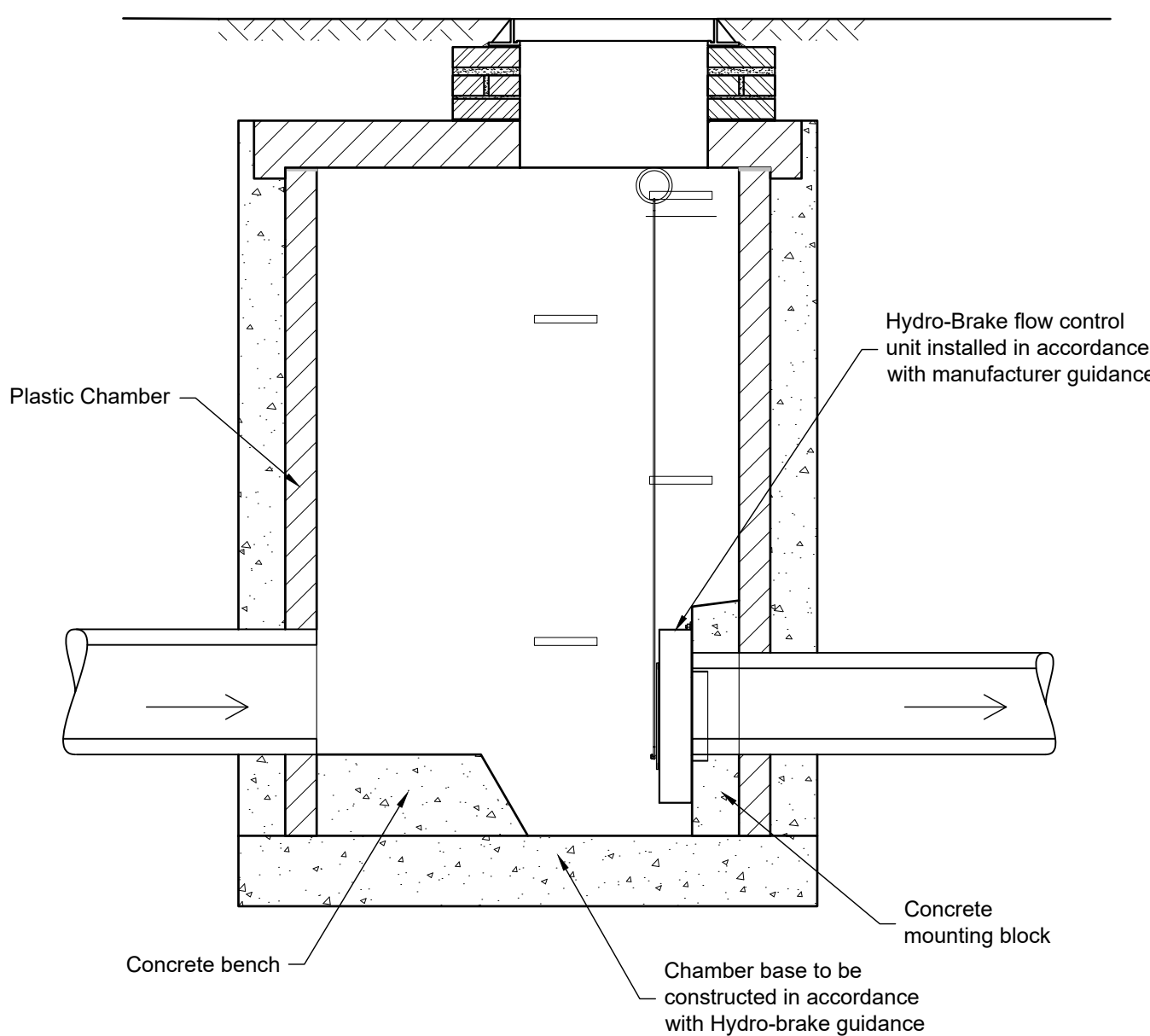
Rain Garden With Perforated Pipe

1:20



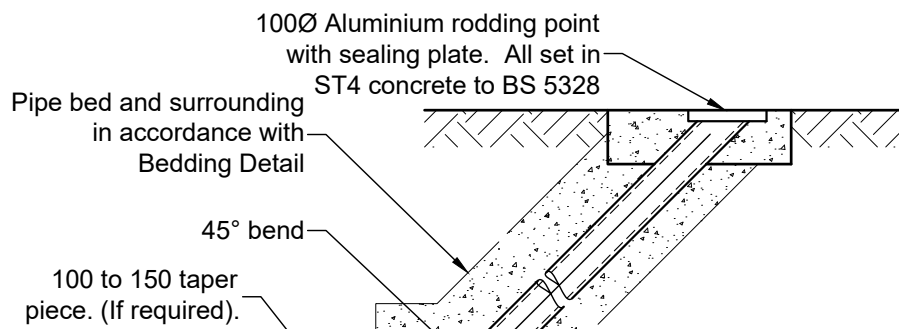
Filter Drain

1:20



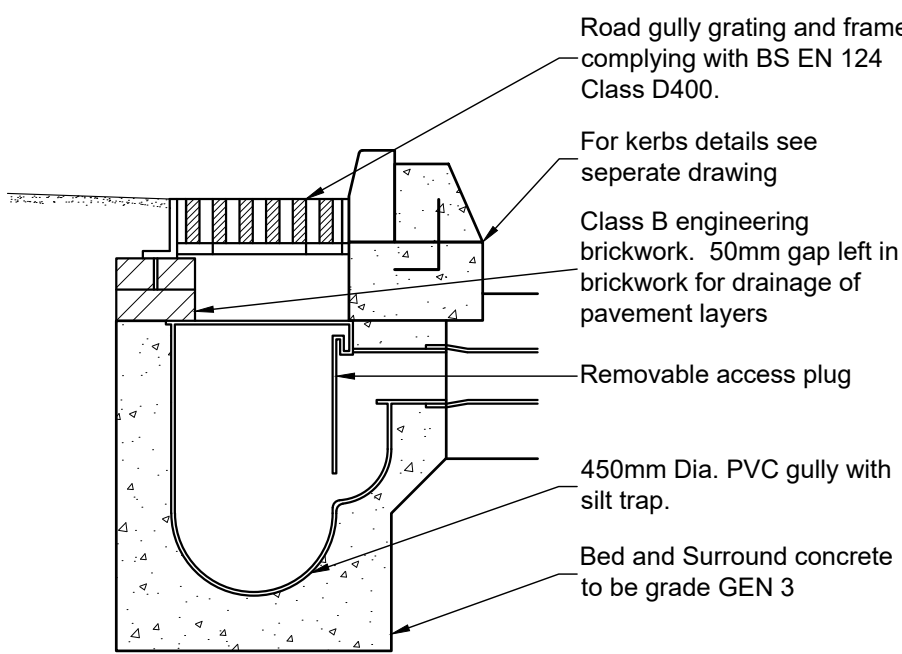
1200mm Ridgistorm Check Hydro-brake Flow Control Chamber

1:20



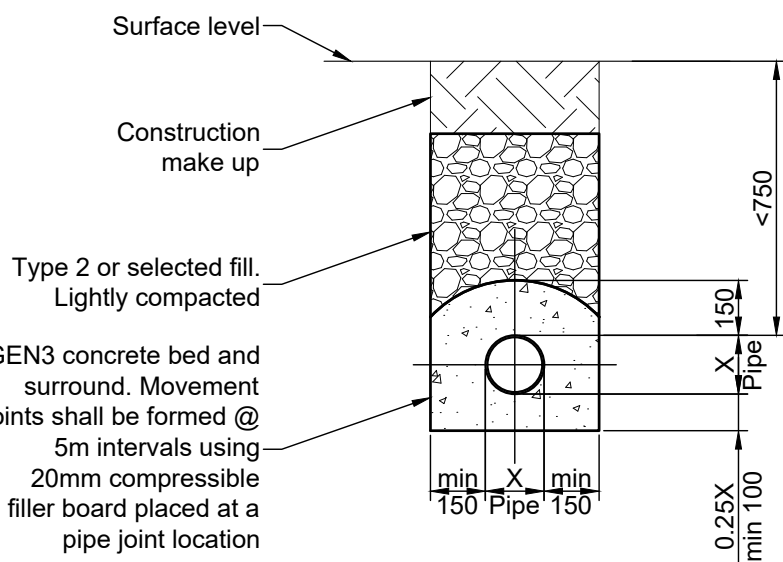
Rodding Eye Detail

1:20



Typical PVC Gully Detail

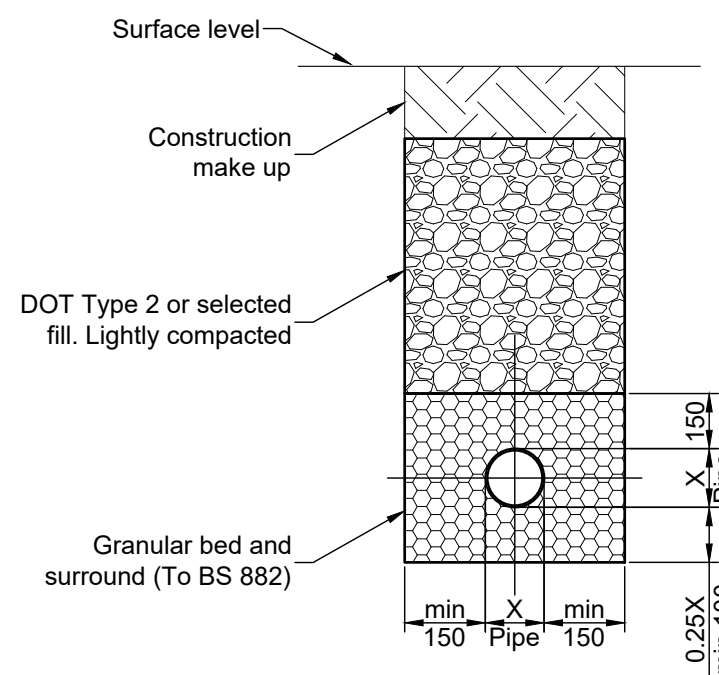
1:20



Typical Pipe Bedding With Concrete Bed and Surround

1:20

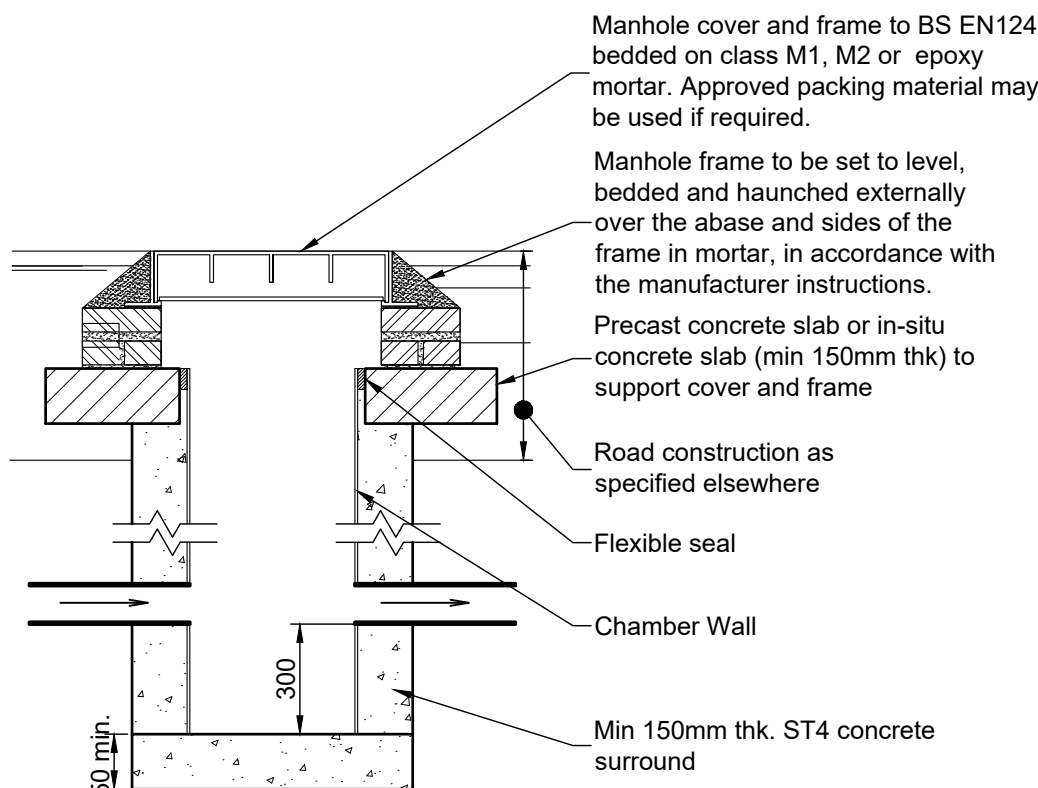
GEN3 concrete bed and surround to be used under paved areas where the depth between the finished construction level and the Barrel of the drain is less than 750mm.



Typical Pipe Bedding With Granular Bed and Surround

1:20

Granular bed and surround to be used where concrete bed and surround are not required.



Typical Catchpit Detail

1:20

SAFETY,HEALTH & ENVIRONMENTAL HAZARD INFORMATION BOX.



The hazards noted below are in addition to the normal hazards and risks faced by a competent contractor when dealing with the types of works detailed on this drawing.

CONSTRUCTION RISKS:

- Deep Trenches
- Unforeseen Services
- Leptospirosis

DEMOLITION RISKS:

- Leptospirosis

Notes:

1. DO NOT SCALE FROM THIS DRAWING.
2. All dimensions are in millimetres Unless Noted Otherwise (u.n.o.)
3. Drawing is to be read in conjunction with all relevant architect's drawings. Any inconsistencies should be reported to PRP immediately.
4. All levels and dimensions are to be checked on site before any work commences.
5. The Health and Safety at Work act is to be complied with at all times. Attention is drawn to the wearing of hard hats, reflectorised clothing, and the use of any other required safety equipment.

Drainage:

1. Invert levels of existing manholes to be checked on site prior to commencing any drainage works.
2. For positions of all rainwater pipes & foul outlets refer to Architect's drawings.
3. All joints between precast manhole components shall have a minimum uncompressed thickness of 10mm of proprietary bitumen or resin mastic sealant.
4. Storm & foul branch connections are to be laid at gradients of between 1:10 & 1:80
5. All in-situ concrete shall be minimum grade GEN3.
6. Precast concrete cover & reducing slabs to be heavy duty reinforced concrete to BS 5911.
7. Manhole covers & frames shall be manufactured in cast iron or ductile iron & shall comply with requirements of BS EN 124 & shall be kite marked or equivalent.
8. Where there is no intermediate manhole between the start of a surface water pipe run and the soakaway the gradient of the run shall be not less than 1 : 60.
9. All completed work shall be suitably protected from damage by construction work. Damaged drainage will not be accepted. It is recommended that no heavy loading or underground work is permitted above or near unprotected drainage, and that dumpers, trucks, fork lifts or other heavy vehicles are not driven along or near pipe runs.

P1	27/07/2023	Issued for comments	NN / DE
Rev	Date	Description	By / Chk



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Client:

Statue Homes Ltd.

Architect:

Hickman & Smith Architects

Project:

Kyng's Golf & Country Club
Station Road, Nuneaton
CV13 0NP

Title:

Drainage Construction Details

Status:

PRELIMINARY

Engineer:	NN	Date:	March 2023
Drawn:	NN	Scales @ A1:	
Checked:	DE	As Shown	
Project No:	82659	Drg No:	102
		Rev:	P1