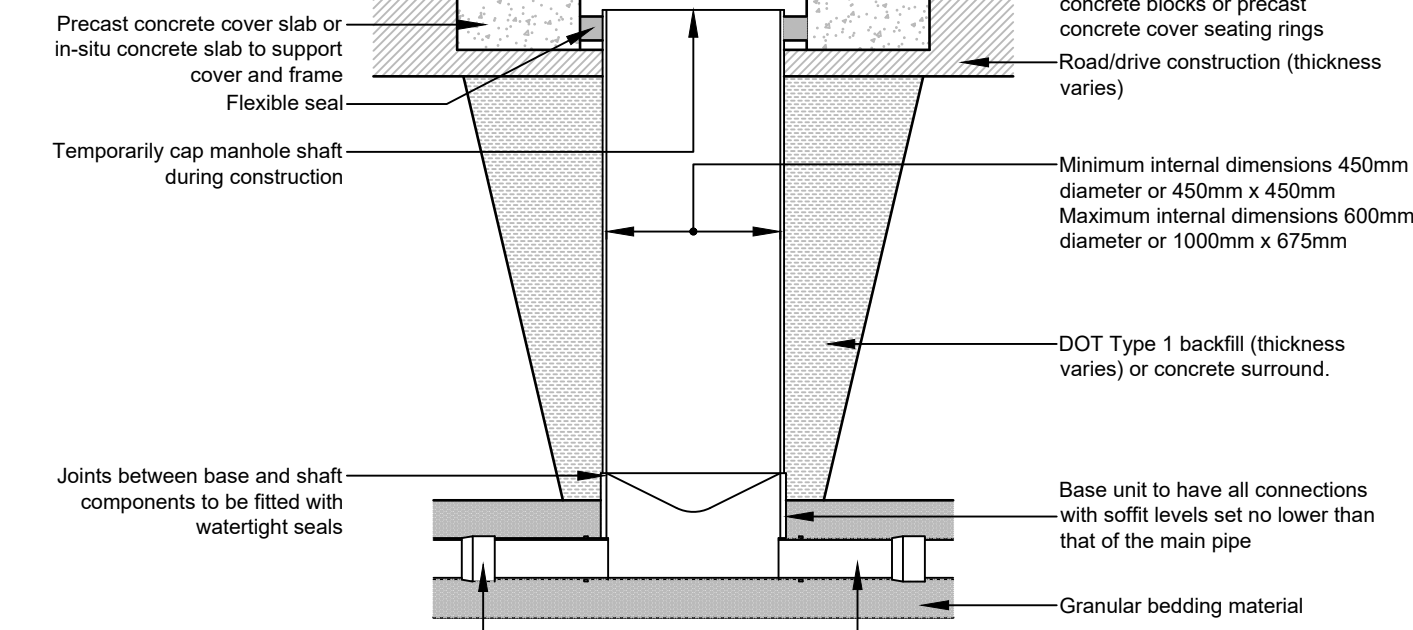
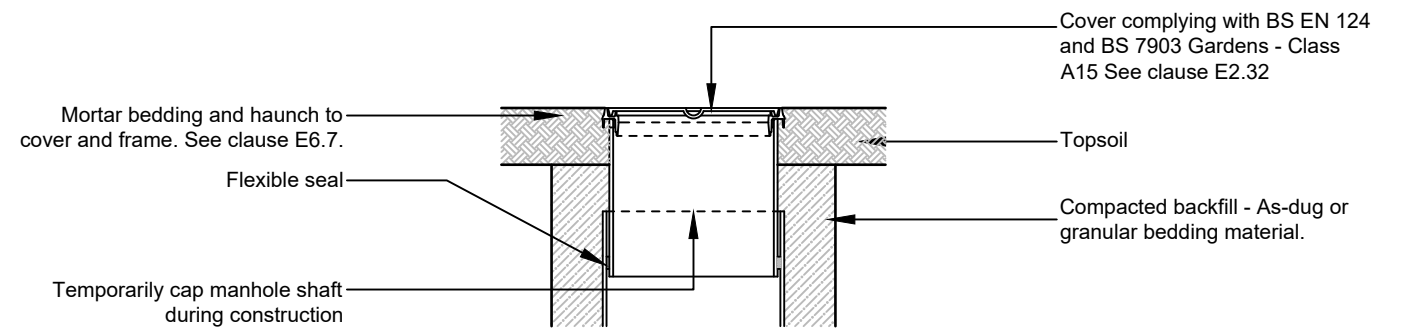


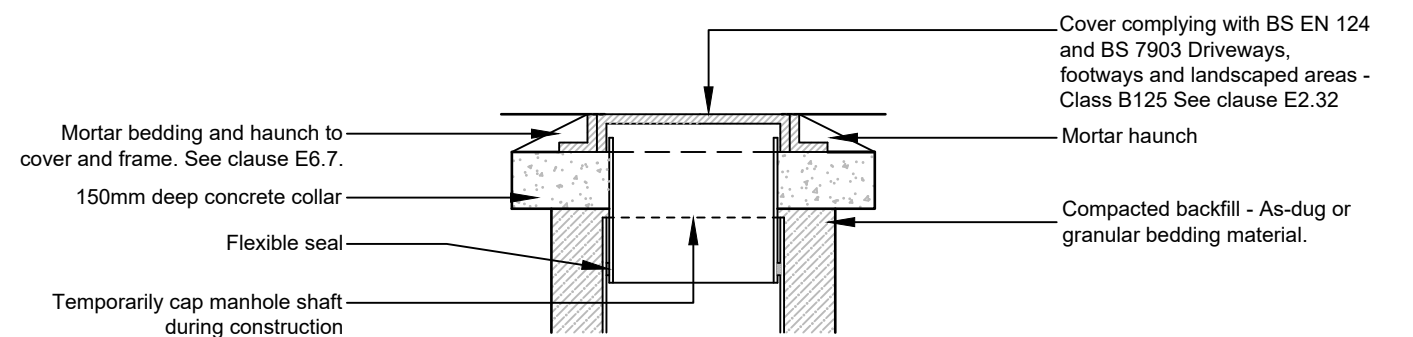
Plastic chambers and rings shall comply with and BSEN13598-2 or have equivalent independent approval



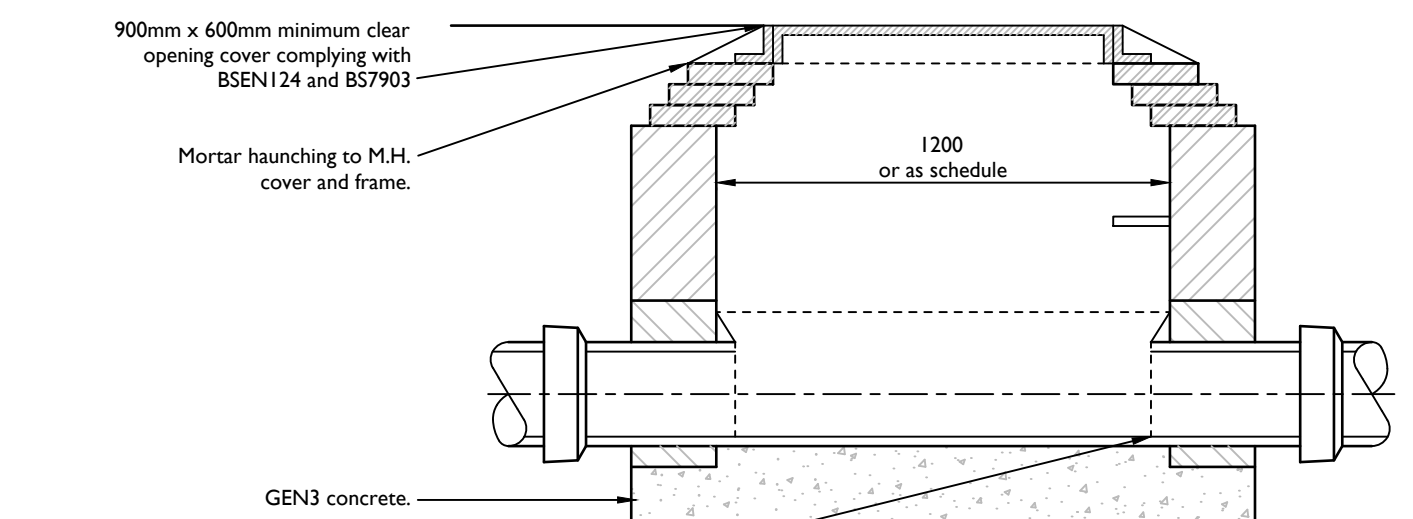
TYPICAL ACCESS CHAMBER DETAIL - TYPE D
3m maximum depth to from cover to pipe soffit. (non entry) vehicle loading
(Scale 1:20)



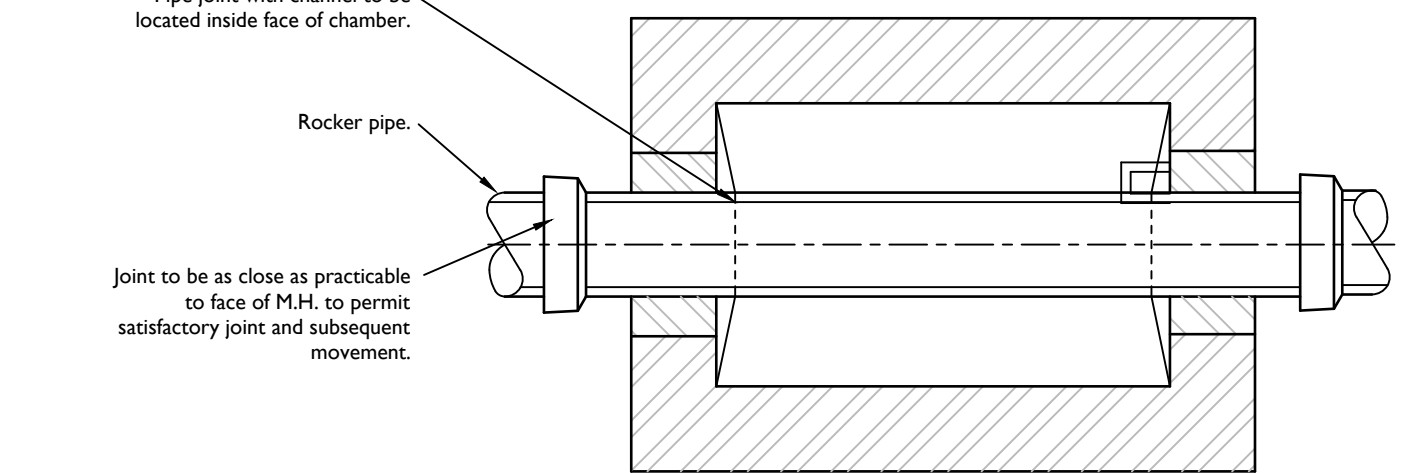
ALTERNATIVE TOP DETAIL - TYPE D
Sited in domestic gardens subject to pedestrian loading only
(Scale 1:20)



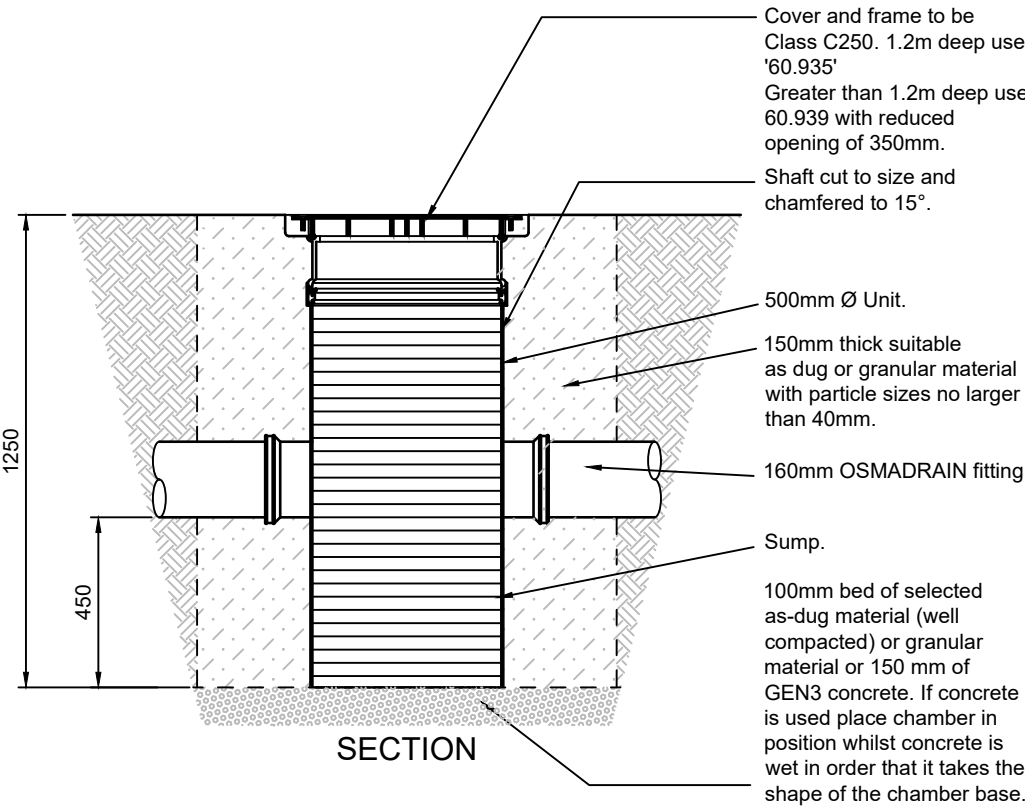
ALTERNATIVE TOP DETAIL - TYPE D
Sited in driveways/paved areas subject to light vehicle loading only
(Scale 1:20)



SECTION A-A

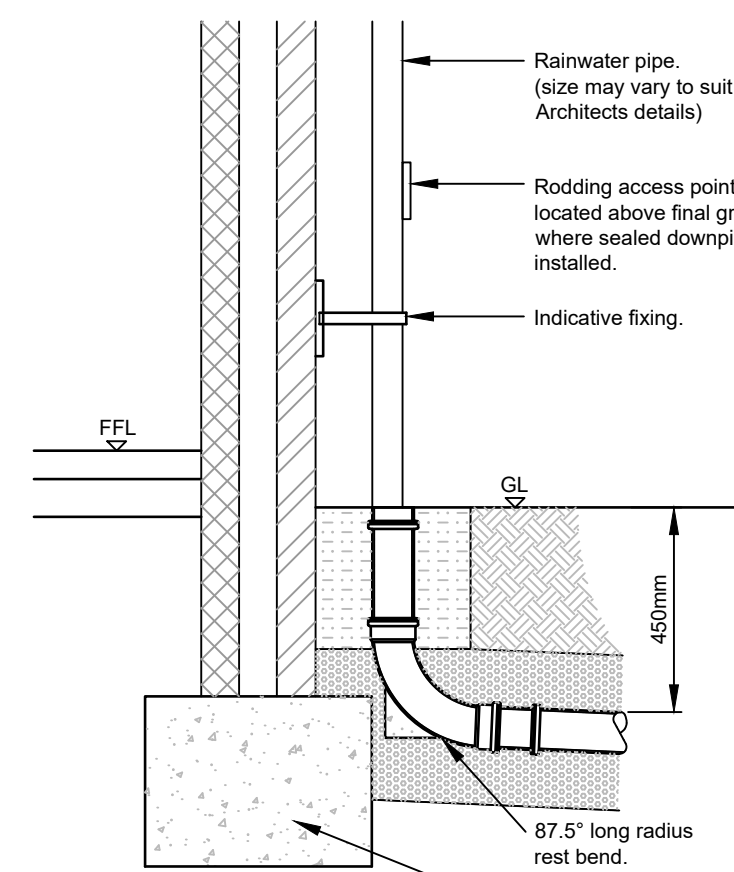


PLAN



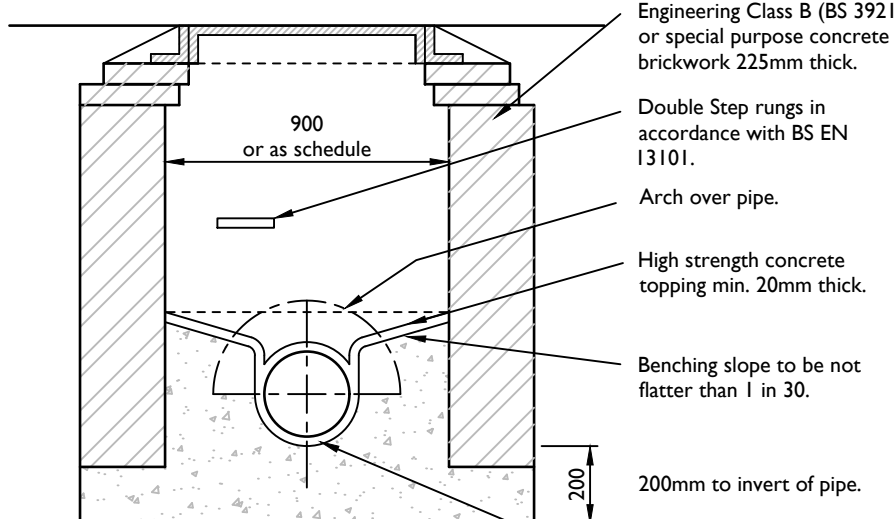
POLYPROPYLENE SHALLOW SILT TRAP DETAIL (500Ø)
(Scale 1:20)

Depth to invert 1.25m (standard unit)
Silt Traps installed greater than single unit depth to be extended using Wavin inspection chamber shaft units.



TYPICAL RWP REST BEND DETAIL
(Scale 1:20)

Rainwater pipes 75mm size shall be connected to a minimum 100mm diameter drain below ground.
Rainwater pipes 100mm size shall be connected to a minimum 150mm diameter drain below ground.
Please refer to plan GA for further details.

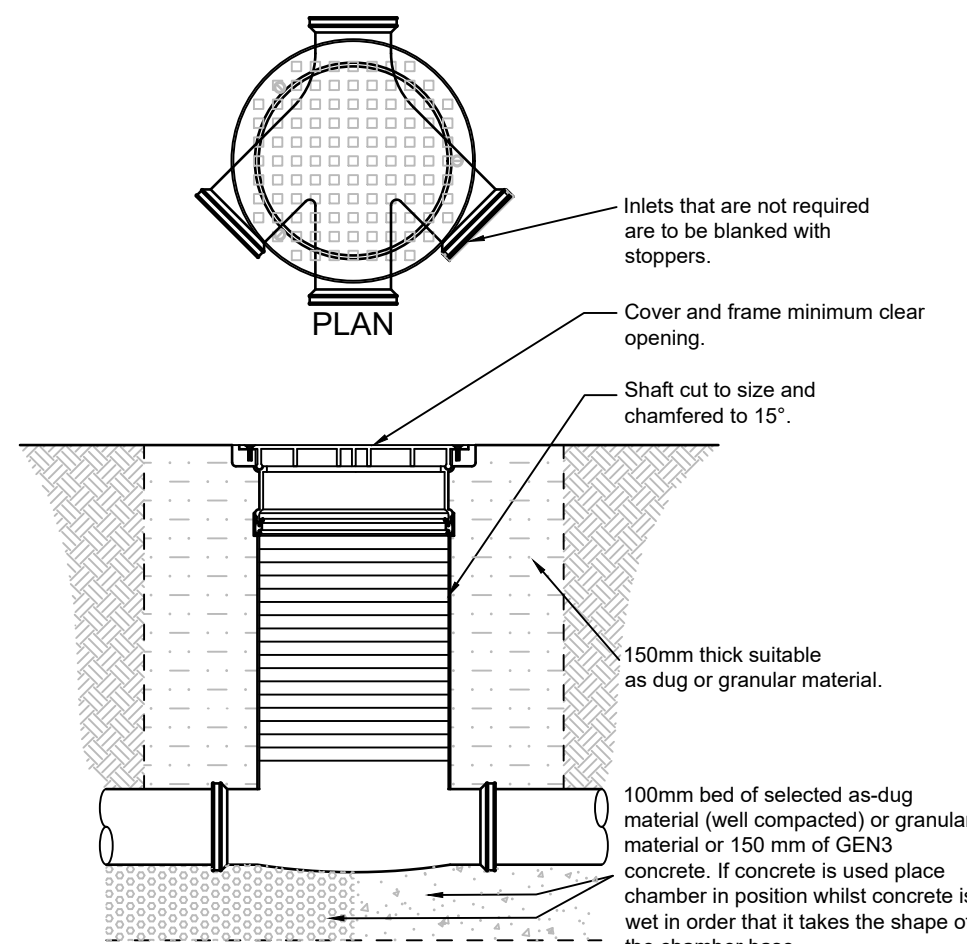


SECTION B-B

Chamber width should be increased for pipes larger than 225mm dia. to give 225mm benching each side with the brickwork corbelled down to suit the cover.
Precast concrete rectangular manhole sections 1200x900 surrounded in 150mm concrete fitted with a multiple 1220x685mm multiple ductile iron cover will be permitted on the approval of the engineer. Precast units to be compliant with Water UK DCG.

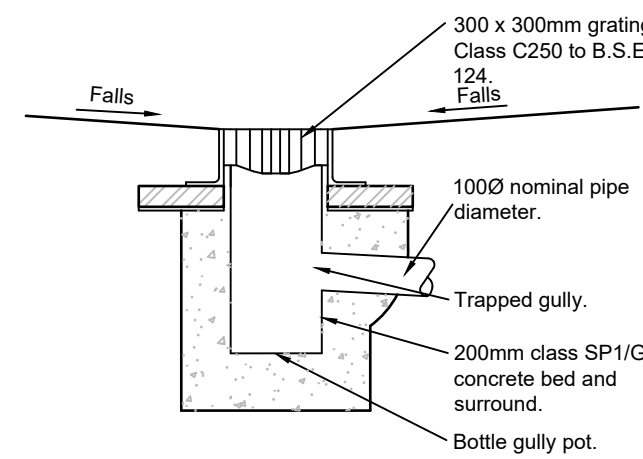
BRICK CHAMBER (1200x900)
(Scale 1:20)

Depth from cover level to soffit of less than 1.5m.

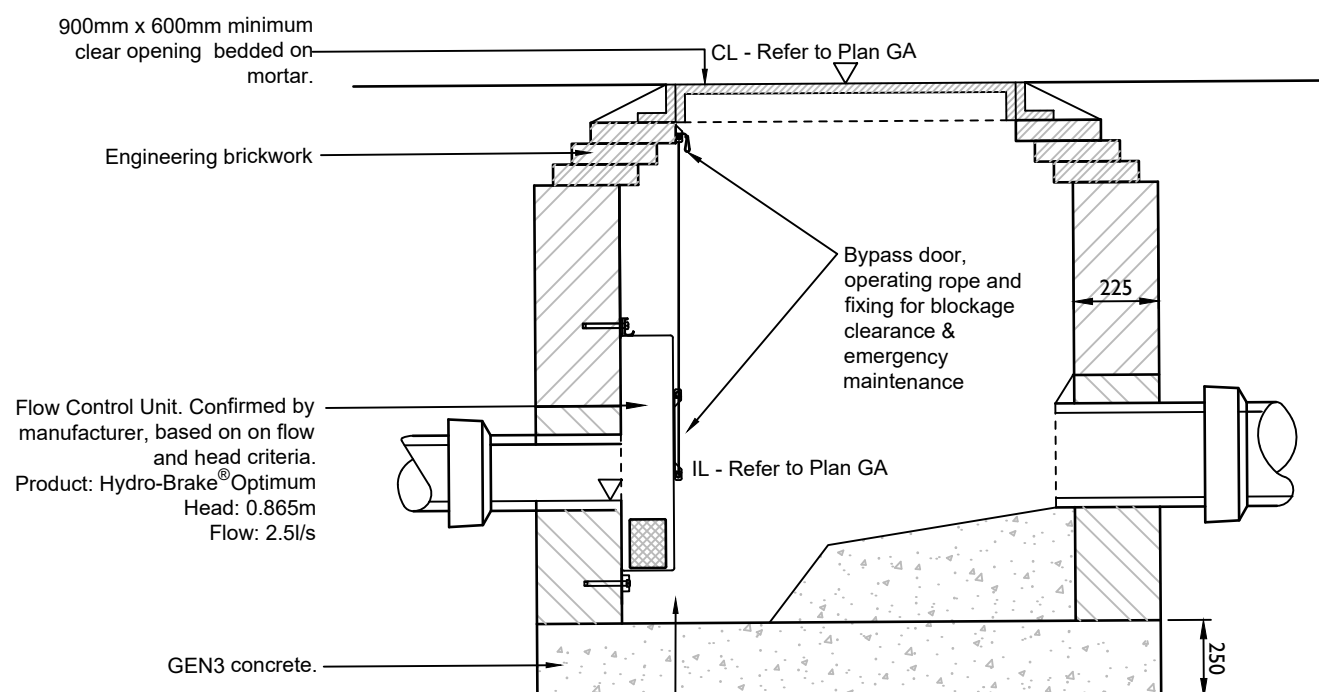


SECTION POLYPROPYLENE SHALLOW INSPECTION CHAMBER DETAIL (250Ø)
(Scale 1:20)

Depth to invert of less than 600mm.



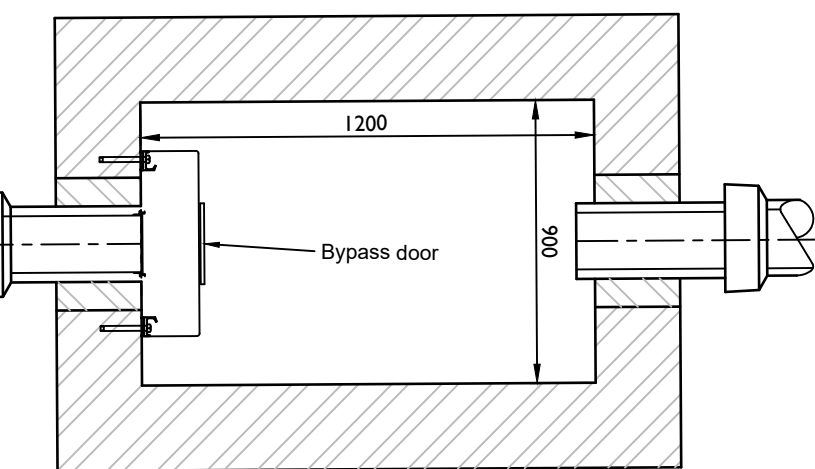
TYPICAL YARD (BOTTLE) GULLY (VEHICULAR LOADING)
(Scale 1:20)



SECTION

Product: Hydro-Brake Optimum
Product Reference Number: CTL-SHE-0077-2500-0865-2500
Dimensions W x D (mm) : 410 x 85
Sump Dimensions W x D (mm) : 170 x 310
Hydro International
+44 1275 337937
hydrobrake@hydro-int.com

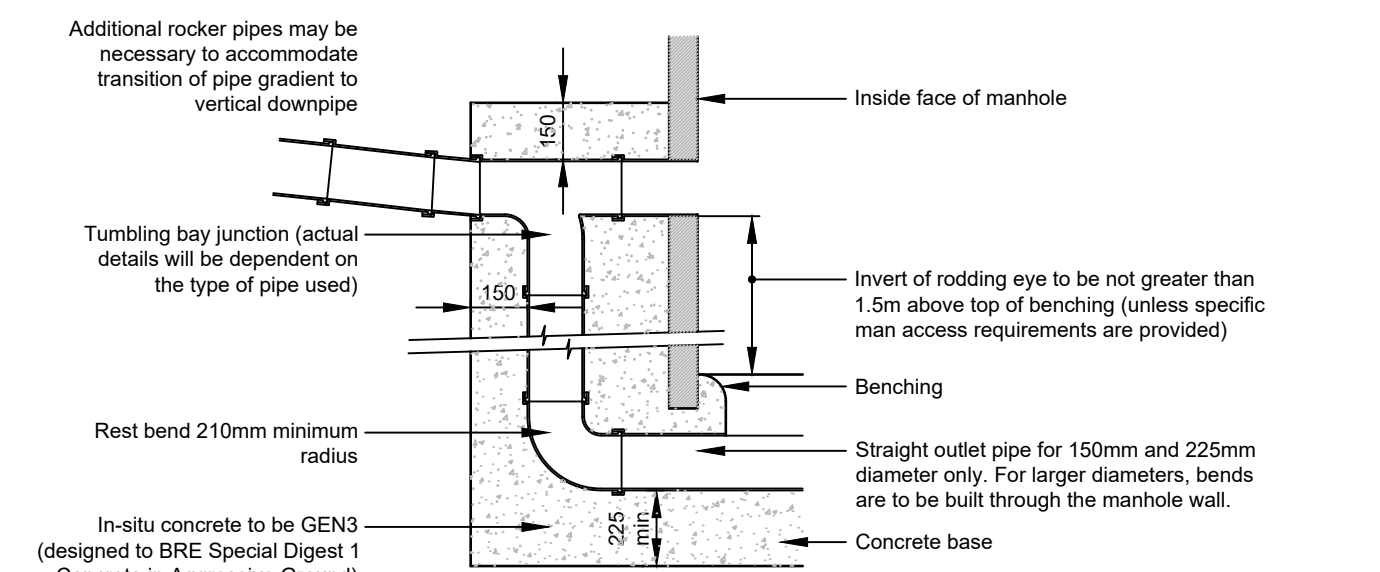
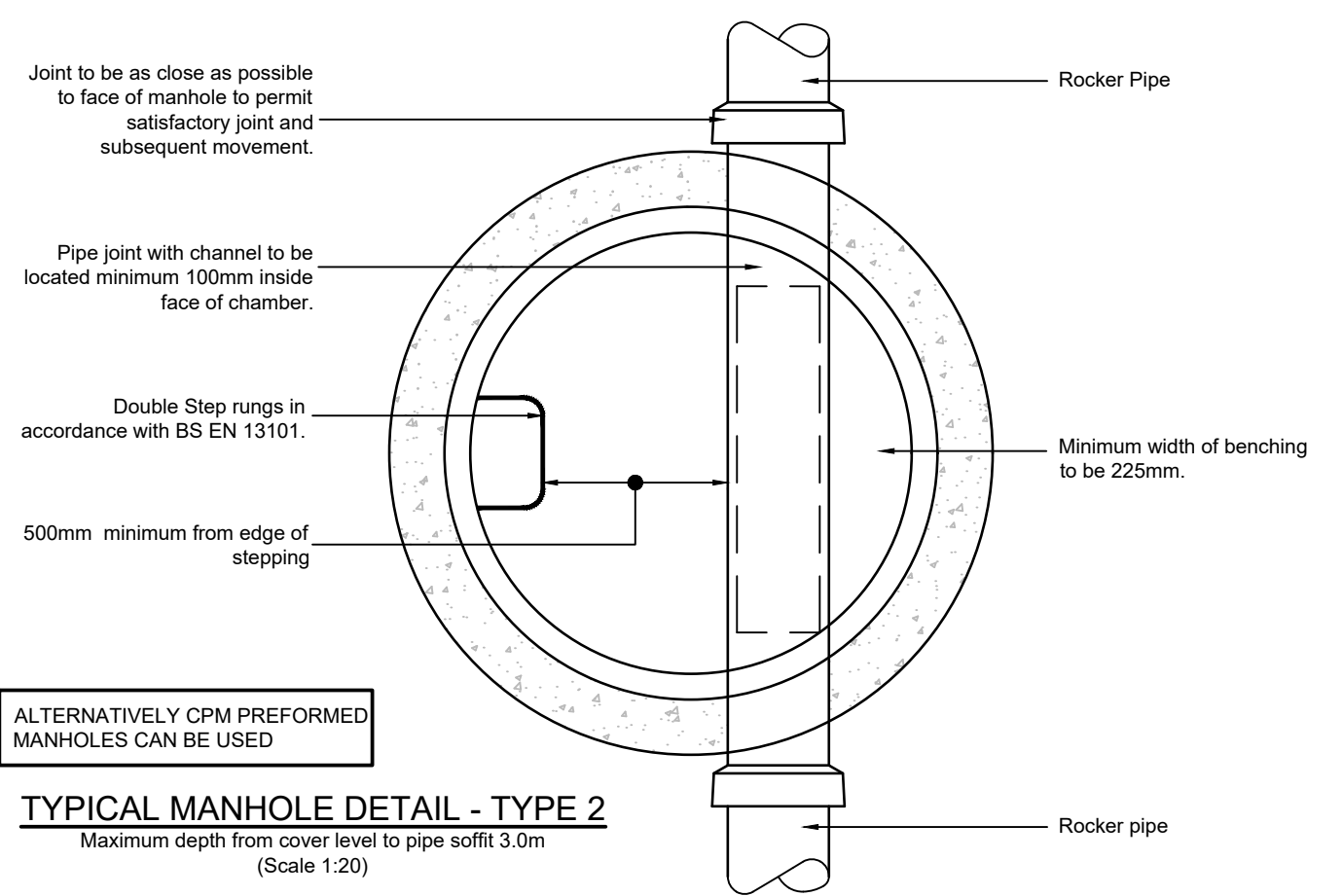
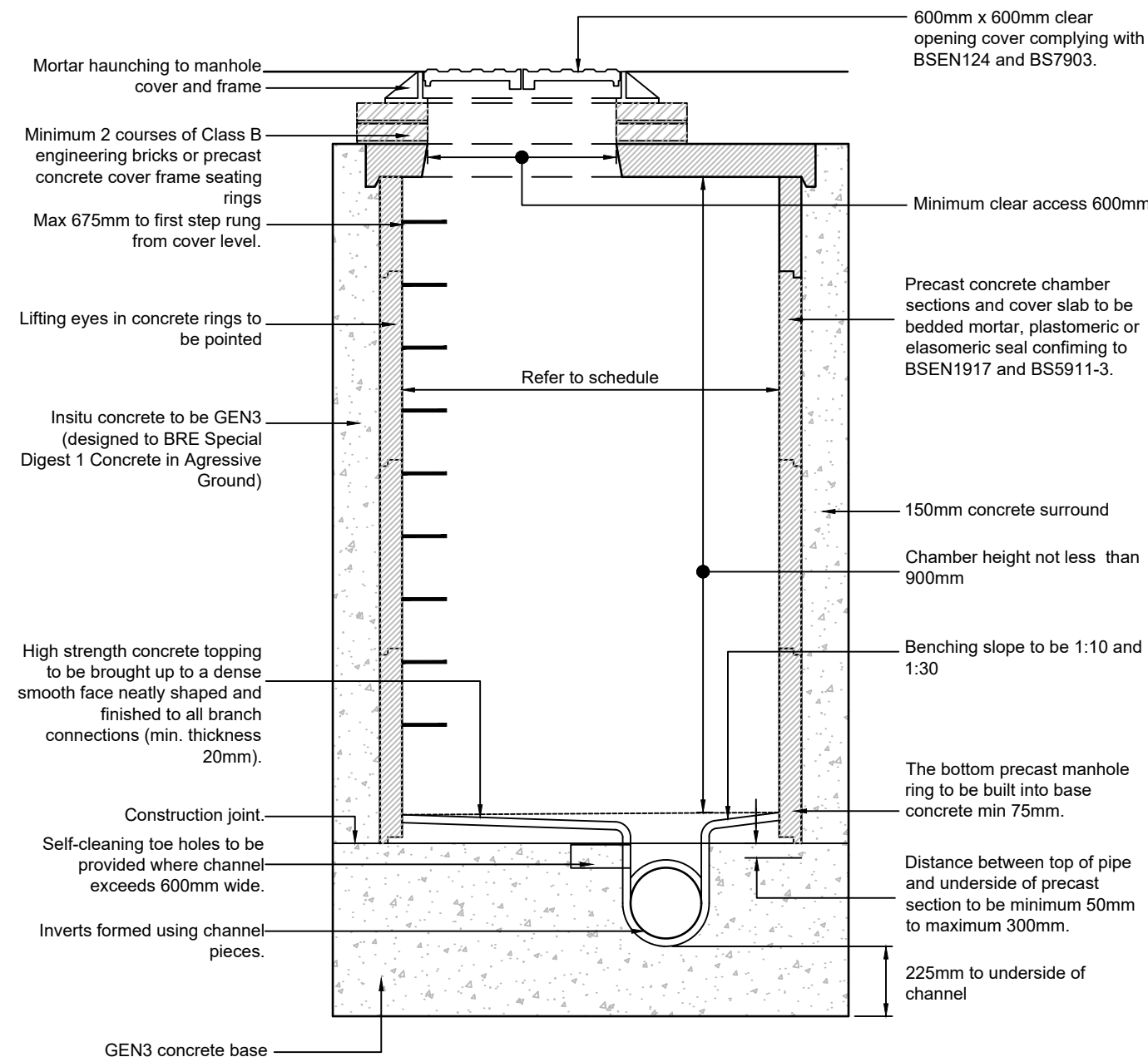
Joint to be as close as practicable to face of M.H. to permit satisfactory joint and subsequent movement.



PLAN

FLOW CONTROL CHAMBER
(Scale 1:20)

The details shown above are indicative only and should not be used as a scaled drawing. Please refer to manufacturers installation.



VERTICAL BACKDROP DETAIL
(Scale 1:20)

Type	Minimum Dimensions for Access Fittings and Chambers					
	Internal Sizes			Cover Sizes		
	Depth to invert (m)	Size of largest pipe (DN)	Length x Width (mm)	Circular (mm)	Length x Width (mm)	Circular (mm)
As Drain but Minimum 100mm						
Rodding Eye						
Shallow Access						
Small	0.6 or less	150	150x100	150	150x100	150
Large			225x100		225x100	
Inspection Chamber	0.6 or less	150	450x450	190	450x450	190
	1.2 or less		450x450	450	450x450	450
	1.2 - 3.0		450x450	450	300x300	350
Manhole	1.5 or less	150	675x750	1200	675x750	n/a
	225		675x1200	1200	1200x675	n/a
	300		675x1200	1200	1200x675	n/a
	>300		DN+450 x 1800	The larger of 1800 or (DN+450)	1200x675	n/a
	Over 1.5	225	1200x1000	1200	600x600	600
	300		1200x1075	1200	600x600	600
	375-450		1350x1225	1200	600x600	600
	>450		DN+775 x 1800	The larger of 1800 or (DN+775)	1200x675	600
Manhole Shaft	Over 2.7		900x840	900	600x600	600

BUILDING REGULATIONS MINIMUM DIMENSIONS FOR MANHOLES
(Not to Scale)

This plan complies with the Building Regulations 2002
Section 14 - Drainage & Waste Disposal.

NOTES

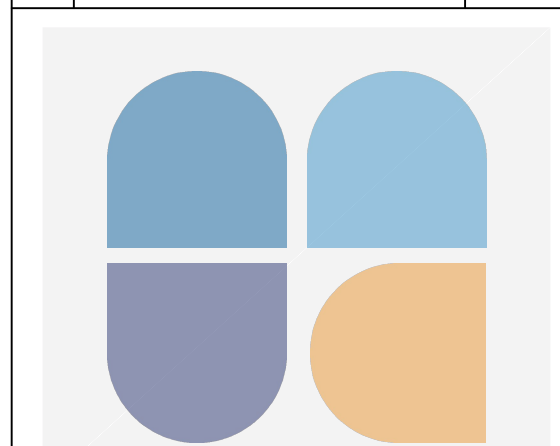
- This drawing is to be read in conjunction with all other BPC drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
- BPC accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
- Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
- All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
- The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. BPC logos and company information must be removed from copies if information is re-used.
- The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
- The main contractor is responsible for dealing with all occurrences of ground water during the construction period.
- The contractor must comply with all current legislation relating to health & safety.
- All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any BPC drawings, the manufacturers instructions must be used.
- All Earthworks in accordance with the Specification for Highway Works.

FOR APPROVAL

==NOT FOR CONSTRUCTION==

C	Revised Issue	16/09/2021
B	Revised Issue	16/08/2021
A	Revised Issue	15/07/2021
-	Original Issue	27/05/2021

Rev.	Amendments	Date
------	------------	------



BRIGHT PLAN CIVILS
Transport Planning and Infrastructure Design Consultants
2 West Barn, Norton Lane, Chichester, West Sussex PO20 3AF
Tel: 01243 210418 Fax: 01483 861482
www.brightplancivils.co.uk

Drawing Status **FOR APPROVAL**

Client **Future Group Development Ltd**

Project **Land at The Inglenook
Pagham Road, Bognor Regis PO21 3QB**

Drawing Title **Construction Details
Sh1**

Scale	Date	Drawn By	Checked By
As Shown	Sep 2021	DJL	MJA

Drawing No.	Rev.
D1966-400	C