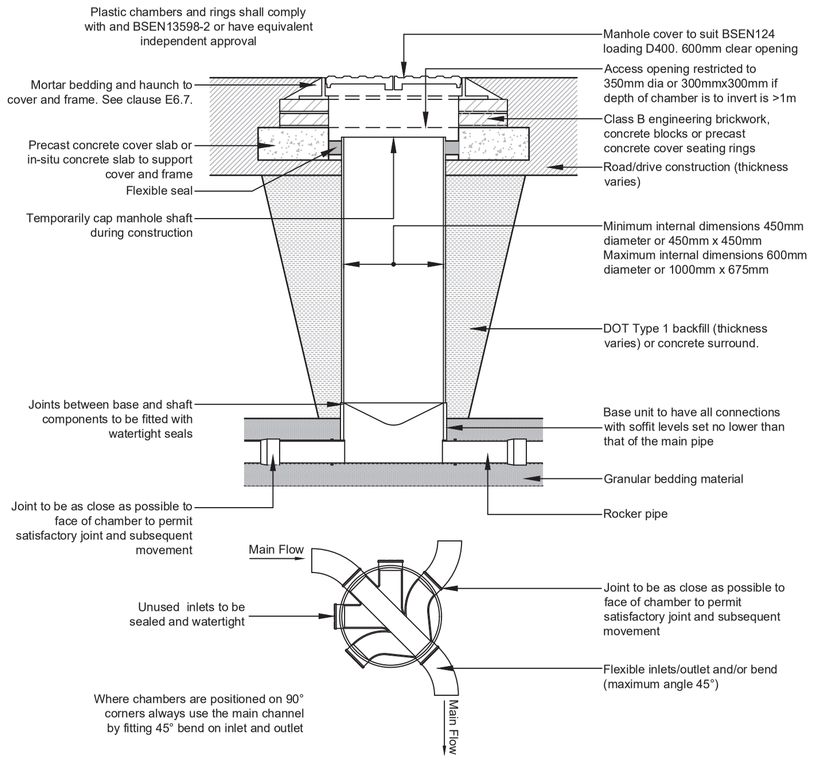
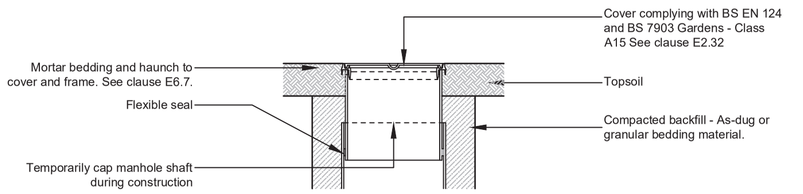
ARUNDISTRICT COUNCIL 01903 737500



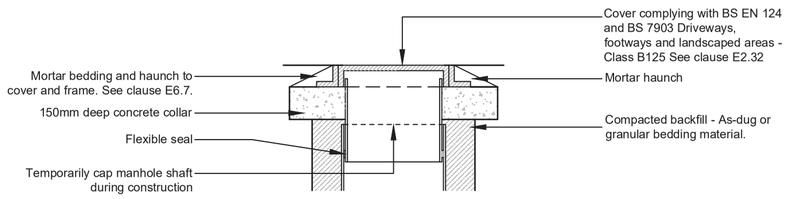
TYPICAL ACCESS CHAMBER DETAIL - TYPE D

3m maximum depth to from cover to pipe soffit. (non entry) vehicle loading
(Scale 1:20)



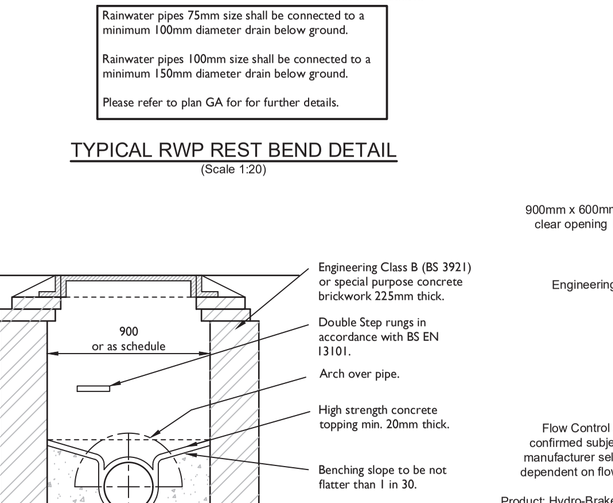
ALTERNATIVE TOP DETAIL - TYPE D

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)



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.

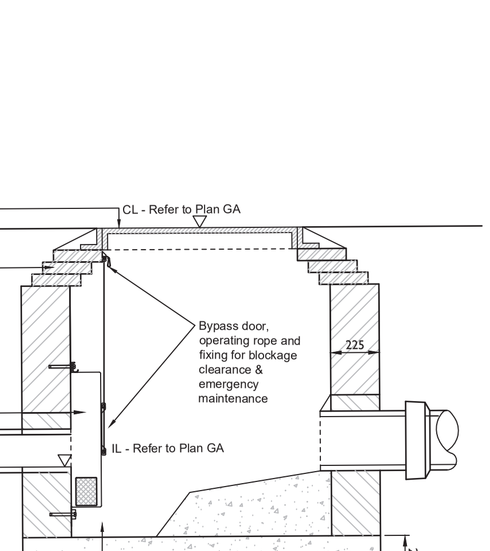
Rainwater pipes 75mm size shall be connected to a minimum 100mm diameter drain below ground.

Rainwater pipes 100mm size shall be connected to a minimum 150mm diameter drain below ground.

Please refer to plan GA for for further details.

TYPICAL RWP REST BEND DETAIL

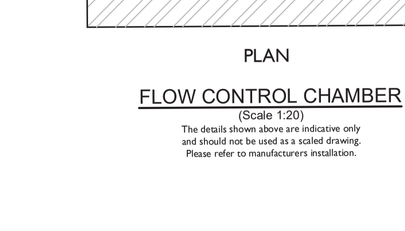
(Scale 1:20)



POLYPROPYLENE SHALLOW INSPECTION CHAMBER DETAIL (250ø)

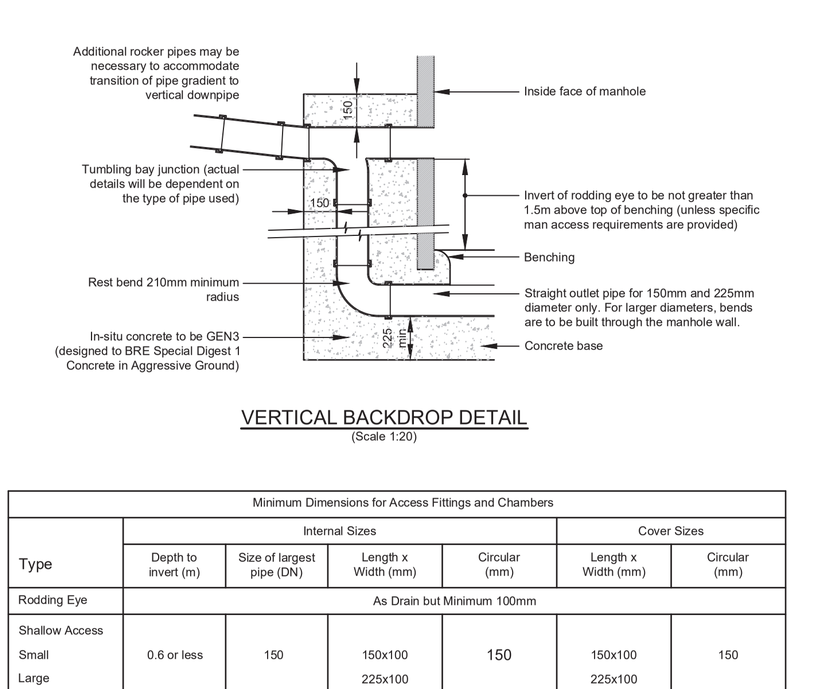
(Scale 1:20)

Depth to invert of less than 600mm.



TYPICAL YARD (BOTTLE) GULLY

(VEHICULAR LOADING)
(Scale 1:20)



ALTERNATIVELY CPM PREFORMED MANHOLES CAN BE USED

TYPICAL MANHOLE DETAIL - TYPE 2

Maximum depth from cover level to pipe sofit 3.0m
(Scale 1:20)

VERTICAL BACKDROP DETAIL

(Scale 1:20)

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.

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.

Minimum Dimensions for Access Fittings and Chambers						
	Internal Sizes				Cover Sizes	
Type	Depth to invert (m)	Size of largest pipe (DN)	Length x Width (mm)	Circular (mm)	Length x Width (mm)	Circular (mm)
Rodding Eye	As Drain but Minimum 100mm					
Shallow Access						
Small	0.6 or less	150	150x100	150	150x100	150
Large			225x100		225x100	
Inspection Chamber	0.6 or less			190		190
	1.2 or less	150	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 x1800	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 x1800	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 'H' - Drainage & Waste Disposal.

FOR APPROVAL
-=NOT FOR CONSTRUCTION=-

A1

NOTES

1. 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.
2. BPC accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. The main contractor is responsible for dealing with all occurrences of ground water during the construction period.
9. The contractor must comply with all current legislation relating to health & safety.
10. 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.
11. All Earthworks in accordance with the Specification for Highway Works.

Rev.	Amendments	Date
B	Revised Issue	16/08/2021
A	Revised Issue	15/07/2021
-	Original Issue	27/05/2021

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Drawing Status: FOR APPROVAL

Client: Future Group Development Ltd

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

Drawing Title: Construction Details Sht1

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

Drawing No.: D1966-400 Rev.: B