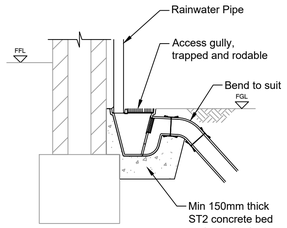
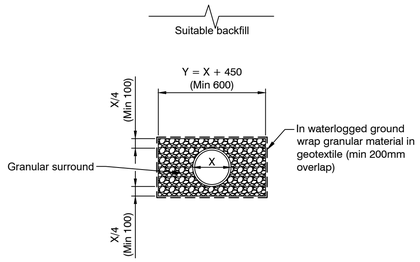


Typical Rainwater Pipe Connection

(Scale 1:20)



Type S Bedding (Granular Bedding)

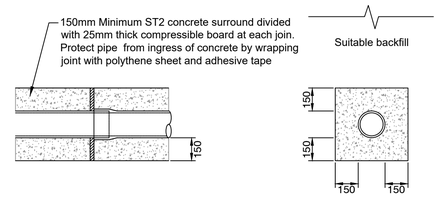
(Protection for pipes laid where the depth to soffit of pipe >1.2m)

(Scale 1:20)

Suitable Fill

The 'Suitable Fill' shall be suitable for the location and shall be carefully compacted to provide a stable fill without damaging the pipe. Fill under car parking areas, shared drives and private roads shall be well compacted graded granular material. Fill under adoptable roads may need to be Type 1 granular sub-base material

Granular bedding and sidefill material to be:-		
100 & 150 dia.	- 10 single size stone	(graded not permitted).
225 & 300 dia.	- 10 or 20 single size stone	(or 20 to 5 graded).
375 to 500 dia	- 20 single size stone	(or 20 to 5 graded).
600 dia. +	- 20 or 50 single size stone	(or 20 or 40 to 5 graded).



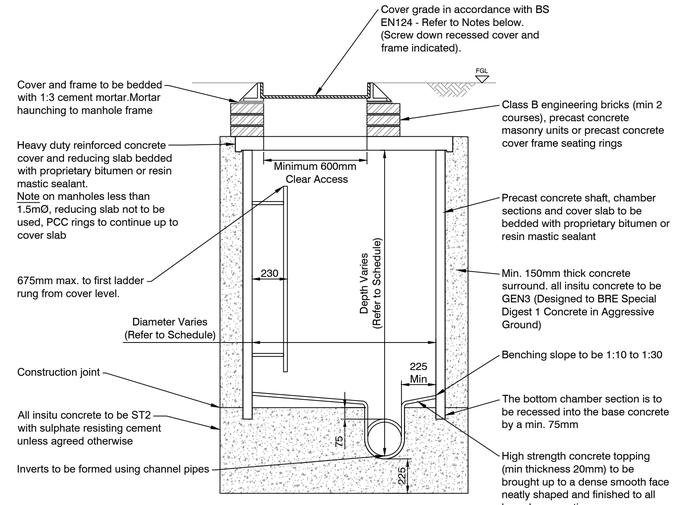
Type Z Bedding (Concrete Encased Pipes)

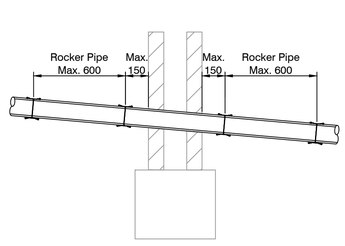
(Protection for pipes laid at shallow depths - depth to soffit of pipe ≤1.2m)

(Scale 1:20)

Suitable Fill

The 'Suitable Fill' shall be suitable for the location and shall be carefully compacted to provide a stable fill without damaging the pipe. Fill under car parking areas, shared drives and private roads shall be well compacted graded granular material. Fill under adoptable roads may need to be Type 1 granular sub-base material

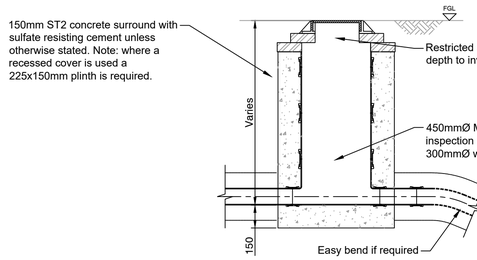




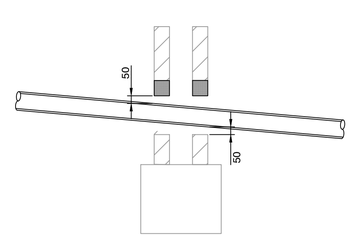
Pipes Penetrating Walls (Rocker Pipes)

(Scale 1:20)

Short length of pipe bedded in wall, joints formed within 150mm of either wall face. Adjacent rocker pipes of maximum length 600mm with flexible joints



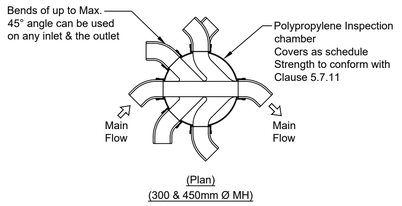
Where depth to invert >1.2m then access shall be reduced to 350mmØ or 300x300mm



Pipes Penetrating Walls (Lintel Opening)

(Scale 1:20)

Arch or lintel opening to give a minimum of 50mm space all around the pipe. Mask opening both sides with rigid sheet material to prevent entry of fill from vermin. Fill void with pea shingle or compressible sealant to prevent entry of gas.



(Plan)

(300 & 450mm Ø MH)

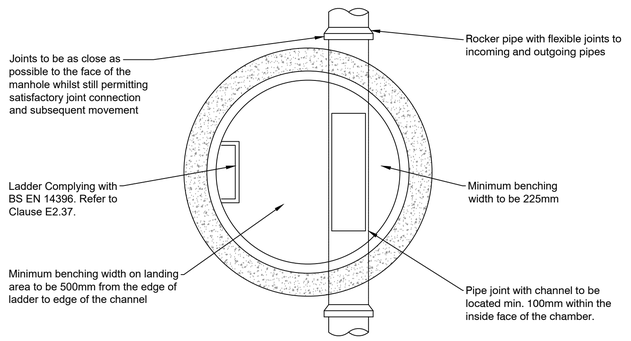
Typical PPIC Inspection Chamber

(Depth from cover level to soffit of pipe ≤ 3m)

(Scale 1:20)

Notes:

1. Covers complying with BS EN 124 and BS 7903
   - 1.1. Highways - D400 Loading
   - 1.2. Driveways, footways and landscaped areas- B125 Loading
   - 1.3. Gardens - A15 Loading



Precast Concrete Manhole - Sewers For Adoption

Chambers between 1200mm and 1800mm Ø

Up to 3.0m deep

(Deeper chambers are to be individually designed)

(Scale 1:20)

Notes

1. Covers complying with BS EN 124 and BS 7903
   - 1.1. Highways - D400 Loading
   - 1.2. Driveways, footways and landscaped areas- B125 Loading
   - 1.3. Gardens - A15 Loading

0 0.5 1 1.5 2m

Scale 1:20

Notes

Do not scale off this drawing

1. To be read in conjunction with all Architects and Engineers drawings
2. Level design is based on information from a topographical survey provided by others. Alan Baxter Partnership LLP takes no responsibility for the accuracy of the original topographical survey. All existing levels are to be confirmed by the contractor prior to the commencement of the works.
3. All discrepancies to be notified immediately to contract administrator and engineers.
4. Only 'Construction' drawings shall be used for construction or the ordering of materials. Any other drawings (tender / billing / work in progress etc.) drawings shall not be used for this purpose.
5. C.B.R. values at formation level are to be verified / confirmed on site during construction. Soil stabilisation (Geogrids, separation membrane etc.) may be required at formation level, subject to C.B.R. test results.
6. Any localised soft spots are to be excavated and backfilled with suitably compacted fill material.
7. Where the proposed finished levels are above the existing, capping material / suitable fill is to be used, compacted in layers no thicker than 150mm. If material excavated from site is not of a sufficient quality, then material will need to be imported.

FOR APPROVAL

-				
-				
0	FIRST ISSUE	ARWS	-	26/03/2020

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Project Title:

Leybourne Village Hall,
Little Market Row,
West Malling
ME19 5QL

Drawing Title:

Below Ground Drainage Construction Details (1 of 2)

Scale: AS SHOWN @A1	Do not scale from drawing
Drawing Number: F437-0500-005	Rev: 0