This drawing is the copyright of Rhodes & Partners and must not be copied or passed to a third party without consent of the company.

Construction Notes:

1. General Notes:

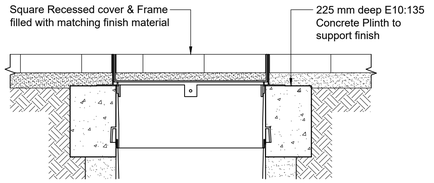
1.1. This drawing to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and specifications.
Work to be carried out in accordance with current good practice, Building Regulations and subsequent amendments, the project specification, relevant British Standards and codes of practice. Materials and components to be suitable for their intended use.
For setting out refer to Architects drawings.

2. Formation Preparation Notes:

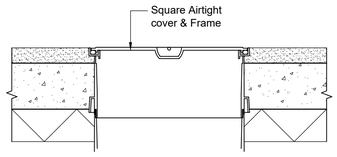
2.1. Immediately prior to laying of the blinding or carriageway materials, the formation shall be prepared as follows:
All surfaces shall be cleaned and any wet material, mud, slurry, unsound or unstable material removed.
The surface shall be brought up to the formation level given on the approved drawings by the addition of any fill or by grading-off high spots.
The surface shall be regulated by grading to within a tolerance of +20mm to -30mm of true level.
The formation shall be finished by rolling 4 complete passes of a smooth-wheeled roller having a mass per metre width of at least 5000kg, or a vibratory roller having a mass per metre width of 3000kg.

0 100 200 300 400 500mm
Scale 1:10

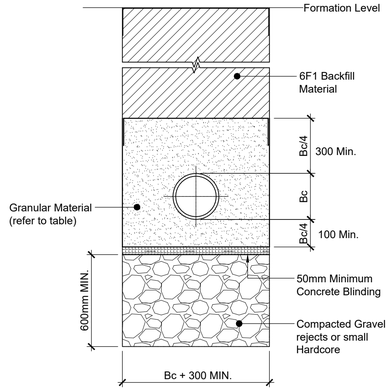
0 250 500 750 1000mm
Scale 1:20



Sited in Driveways / Hard Landscaped Areas with Recessed cover



Sited in Concrete Floor Slab

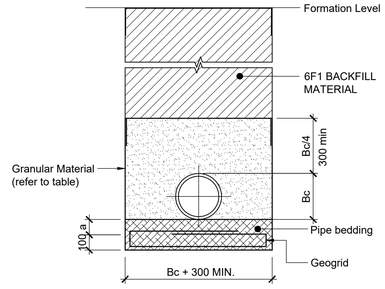


Y value (below Pipe)
hard spots/Irregular Trench Bottom
Bc/4 (200mm Min) even Trench Bottom
BC/6 (100mm Min)

(Excavation and Backfill Material to be wrapped with Geotextile)

Bc = Outside Diameter

Class S bedding Construction in Soft Ground
[Scale 1:20]

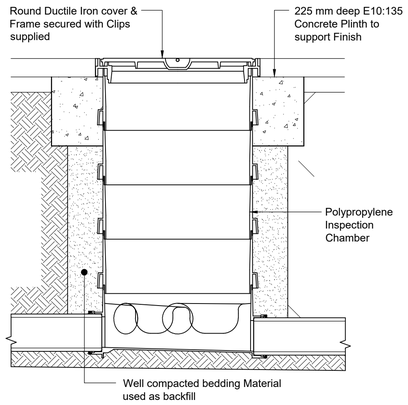


Bc = Outside Diameter

Note
Dimension 'A', the depth of the bedding Material below the Pipe is 150mm for Sleeve Jointed Pipes and 200mm for Socketed Pipes.

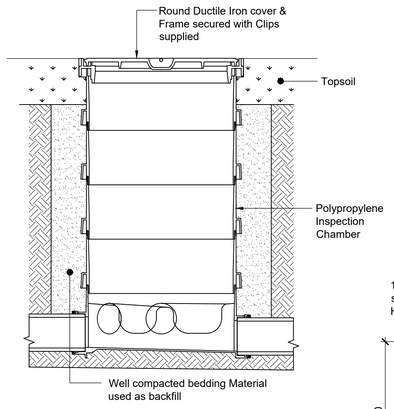
Excavation and Backfill Material to be wrapped with Geotextile.

Pipeline Construction In Weak Ground Using A Geogrid
[Scale 1:20]



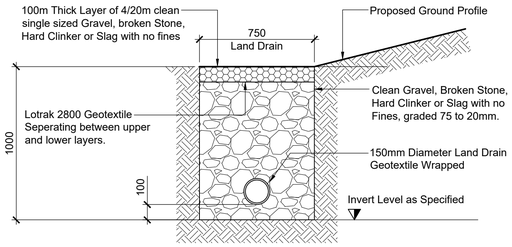
NB - Universal Product - Adaptor to PVC-U Pipe included

Sited in Driveways / Hard Landscaped Areas with Standard Round cover

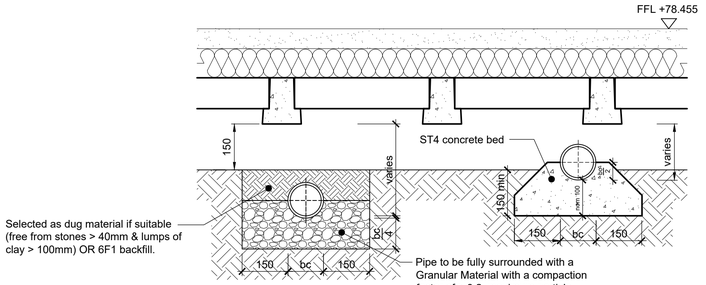


Sited in Soft Landscaped Areas with Standard Round cover

Polypropylene Inspection chamber
Installation Detail (475Ø Upto 1.2m Deep)
(HEPWORTH PRODUCTS)
[Scale 1:20]



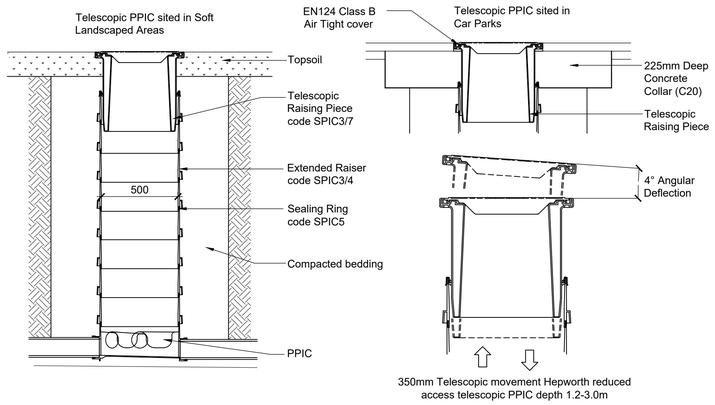
Embankment Land Drain Detail 750mm x 1000mm Deep
[Scale 1:20]



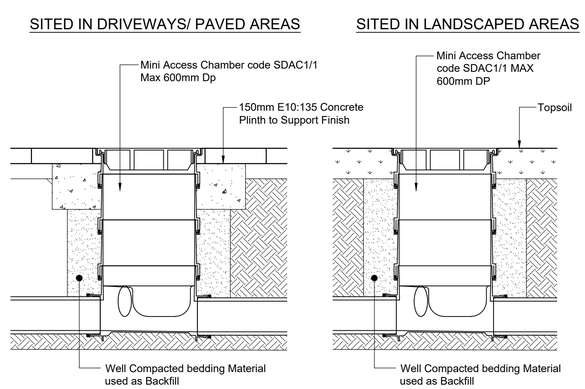
PIPE BEDDING DETAIL WHERE PIPE IS BURIED BELOW GROUND LEVEL UNDER SUSPENDED FLOOR

PIPE SUPPORT UNDER SUSPENDED FLOOR WHERE LESS THAN HALF THE PIPE DIAMETER IS BELOW GROUND LEVEL

Typical Detail Showing Drainage Pipes Under Suspended Ground Floor
[Scale 1:10]

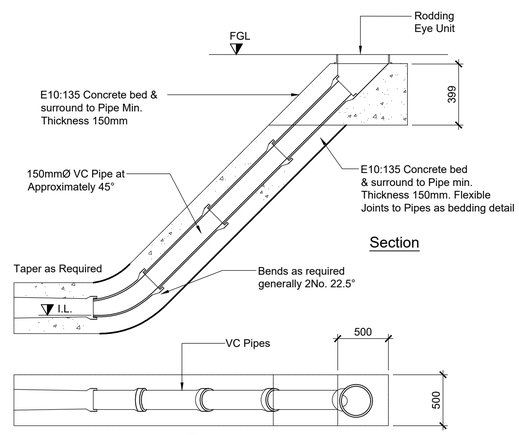


Hepworth Reduced Access Telescopic PPIC (475Ø upto 3.0m deep)
(Hepworth Products)
[Scale 1:20]



NB - Universal Product - Adaptors to PVC-U Pipe included

Mini Access Chamber Installation Detail
(300Ø Max. depth 600mm)
(Hepworth Products)



Plan

Rodding Eye Detail (Plan & Section)
[Scale 1:20]

Rev	Description	By	Chkd	Date
P2	Scale bar added and "do not scale" annotations removed as requested	AR	GL	09/03/2020
P1	Preliminary Issue	AR	GL	17/02/2020

Drawing Status: PRELIMINARY

Rhodes & partners
Consulting Civil and Structural Engineers
The Lodge, Compstall Mills Estate, Compstall, Stockport SK6 5HN
t: 0161 427 8388 e: office@rhodesandpartners.co.uk

Client: Walton Homes

Project: The Birches, Cheadle - Residential Development

Drawing Title: Drainage Details - Sheet 3

Drawn By:	Checked By:	Date:	Scale:
AR	GL	07/01/2020	As noted @ A1

Drawing No: D23080-DR-DL-103 Revision: P2