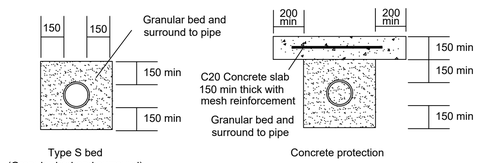


TYPICAL CHAMBER (PPIC)

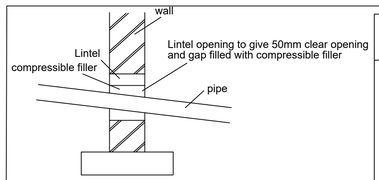


BED TYPES

GRANULAR BED TO BE MINIMUM 100MM UNDER PIPES AND 50MM UNDER SOCKETS.
PIPES WITH LESS THAN 1.2 M COVER UNDER ROADS TO HAVE CONCRETE PROTECTION.

MAIN DRAINAGE DETAILS

PIPE BEDDING TYPES



DETAIL OF PIPES PASSING BENEATH WALLS

DEPTH TO INVERT	CHAMBER DIAMETER (MINIMUM)
0.6 OR LESS	190 MM MIN
1.2 OR LESS	450 MM
MORE THAN 1.2 (NON ENTRY CHAMBERS UPTO 2.0M DEEP)	450MM MIN WITH REDUCED OPENING OR AS SCHEDULED
MORE THAN 2.0	AS SCHEDULED

INSPECTION CHAMBER SIZES

PRODUCT NAME	DIAMETER (mm)	MANUFACTURER	MATERIAL
SUPERSLEEVE	100 AND 150 ID	HEPWORTH	VITRIFIED CLAY
SUPERSEAL	100 AND150 ID	HEPWORTH	VITRIFIED CLAY
DENSLEAVE	100 AND 150 ID	NAYLOR	VITRIFIED CLAY
DENSEAL	100 AND 150 ID	NAYLOR	VITRIFIED CLAY
ULTRADRAIN	110 AND 160 OD	UPONOR	UPVC SOLID WALL
PLASTIDRAIN	100 AND 160 OD	HEPWORTH	UPVC SOLID WALL

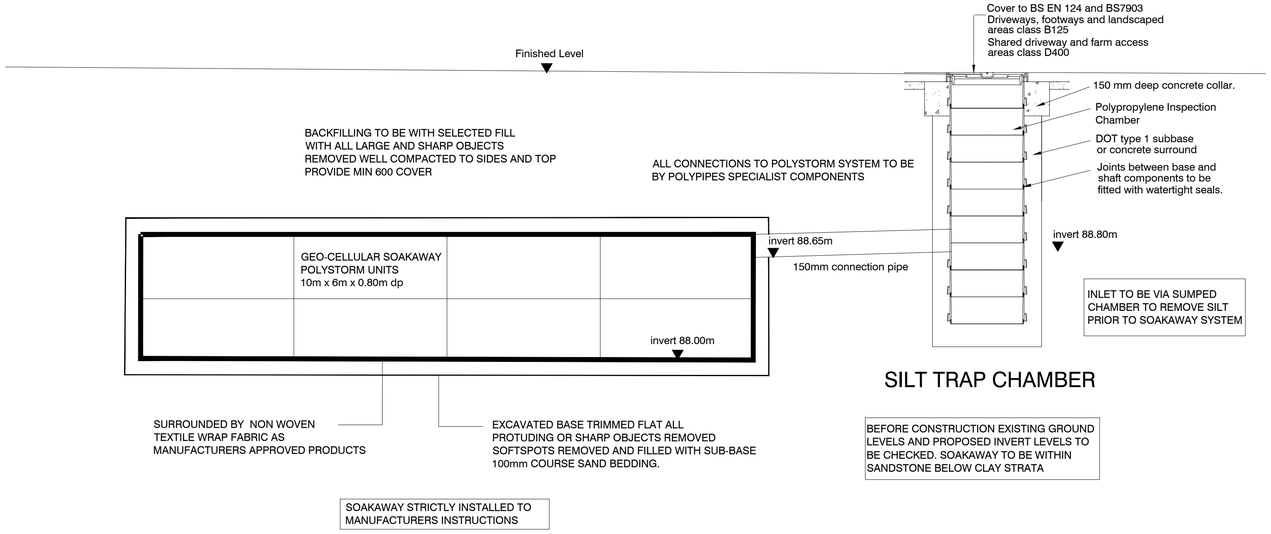
NOTE : ALL PRIVATE DRAINAGE PIPE SIZES 100MM (OR 110MM) UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS ALL PIPES LAID TO MANUFACTURERS INSTRUCTIONS AND LAID ON SPECIFIED BED TYPE. OTHER PIPE AND COMBINATIONS MAY BE SUITABLE CONCETE PROTECTION UNDER ROADS WHERE COVER LESS THAN 1.2M.

ACCEPTABLE PIPE TYPES

MANUFACTURER	PRODUCT NAME	MATERIAL	MAXIMUM DEPTH	COVER TYPE
NAYLOR	PLASTIC INSPECTION CHAMBER	POLYPROPOLENE	1200MM	CLASS B125
HEPWORTH	PPIC	POLYPROPOLENE	1200MM	CLASS B125
UPONOR	INSPECTION CHAMBER (450 DIA)	POLYPROPOLENE	1200MM	CLASS B125
MARSHALLS	INSPECTION CHAMBER	PRECAST CONCRETE	1200MM	TO BS5911 PT2

DEMARCATION CHAMBERS

LATERAL DRAINS



SOAKAWAY TYPICAL SECTION

SILT TRAP CHAMBER

NOTES

1. The invert level of the public sewers should be determined prior to drainage works starting on site and on site inverts confirmed as satisfactory for connections.

2. Connection to public sewers requires the approval of Yorkshire Water.

3. Work within the highway requires the consent of Barnsley Council.

4. The following safety hazards remain after design and should be considered during construction
- The sewer connection(s) may be at depth.
- Utilities are likely to exist in the:- footway/verge/highway/on site.
- Work close to vehicles and pedestrians at the junction.

REV	DETAILS	DATE
A	First Issue	18/05/18

Scale = 1:20 @ A1

HM DESIGN

CHARTERED CIVIL ENGINEER

HM Design
10 The Green
York
YO26 5LR

07919 031289

Client
GEOFF HILTON

Drawing Title
DRAINAGE DETAILS

Site Address
RED HOUSE FARM
CROSSHILL
BRIERLEY
S72 9EE

Drawn HM	Checked HM		
Drg.No. YH542/RD/3A	Date 18/05/18		