



DRAINAGE NOTES

- Manholes, sewers, headwalls and other sewerage structures intended to convey surface water or sewage are to be constructed in accordance with the Water Authorities Association Specification Sewers for Adoption (9th Edition).
- Gullies, gully connections, drains, manholes and other drainage structures intended to convey highway water are to be constructed in accordance with the specification of Hampshire CC.
- All foul and storm water drains which are not to be adopted as public sewers under a Section 104 Agreement must be constructed in accordance with the Building Regulations 2000, BS 8301 and BS 8302 and where appropriate the relevant Agreement Certificate.
- Drains are to be constructed using 'Super Saver' vitrified clay pipes or uPVC pipes (Class A or similar approved), bedded and backfilled as per the manufacturer's instructions and the publications listed in above.
- Private drains located adjacent to dwellings are to be constructed in accordance with Fig 9 of BS 8301.
- Access fittings and inspection chambers less than 1m deep are to be clayware or preformed polypropylene an appropriate to the depth and number of connections. Chambers greater than 1m deep are to be of precast concrete construction with 150mm test concrete surround. Inspection chambers are to be in accordance with Table 6 of BS 8301.
- Cover levels are to be fixed on site to suit finished levels. Covers and frames to BS 6824, Grade D to be used in areas subject to heavy vehicular loading. Grade C in areas subject to light vehicular loading. Grade B to be used elsewhere.
- Rainwater downpipes to be connected direct to drain via adaptor, removable to permit access for rodding.
- Positions of yard and house gullies are normal and may be adjusted on site. Gullies situated in areas accessible by wheeled vehicles to be in suitable construction.
- Where back inlet gullies are used they should be roddable.
- Where drains pass through foundations or other rigid structures, a trial or shew is to be used and provision for flexibility is to be made with 'rocker pipes'.
- Positions of soil pipes, stubstacks, v.c. outlets, etc. are shown on house type drawings.
- Rainwater downpipe positions are to be checked against house type drawings to ensure compatibility (any discrepancy to be referred to Architect).

SEWERS & DRAINS

Foul Sewer

Storm Sewer

Foul Drain (100mm diam. unless shown)

Storm Drain (100mm diam. unless shown)

INSPECTION CHAMBERS

Traditional

Yard Gully (225mm diam. preformed (depth less than 1.0m) 225mm diam. shallow access (max. depth 400mm)

Rodding point (450mm deep unless shown)

Road Gully

Level threshold drains

RETAINING WALLS

INDEPENDENT OF BUILDINGS

TANKING TO BUILDINGS

EXPPOSED BRICKWORK BELOW DPC

NEW LAMP COLUMNS

PROPOSED 5 METRE COLUMN FITTED WITH POST TOP MOUNTED LUMINAIRE WITH 5 DEGREE TILT. LUMINAIRE TO BE PHILIPS WRTL MINI LUMAS WITH 12 No. COOL WHITE LEDs PROVIDING NO LESS THAN 1.4lm. LUMINAIRE IS TO BE CONTROLLED VIA A MAYFLOWER EXTERNAL NODE. COLUMN TO BE PAINTED BS12B21 (GREEN).

ILLUMINATED BOLLARDS

LEGEND

20m Visibility

2.4x120m Visibility

BARTONS ROAD

Highway Boundary

ROAD 1

ROAD 2

ROAD 3

ROAD 4

Existing 150mm dia. FW Sewer

Existing Watercourse

2000x2000 reception pit

HEADWALL

MH S2
CL 24.00
BD 21.122
Thrust Bore
Launch Pit

S3 - Hydrobrake MH
Discharge limited to 9.0 litres/sec at 0.8m head and 14.4 litres/sec at 2.2m head.

Cellular Storage
14.0x7.0x2.0m

ExMH 0101
CL 18.63
IL 16.78

ExMH 0102
CL 24.60
IL 20.65

ExMH 1101
CL 31.26
IL 29.86

S1

S2

S3

S4

S5

S6

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