

DRAINAGE
The general contractor is required to connect to the existing soil drainage. Drainage is to connect to the existing foul sewer.

100mm diameter PVC-U soil drains to BS 4660:1989 laid to falls of 1:40 on 100mm bed of granular material to BS 882:1983. Surround drain with 150mm thickness of granular material and backfill with selected spoil free from stones larger than 40mm. Minimum cover to drains to be 300mm.

All drainage work to comply with BS 8301: 1985. Code of Practice for Building Drainage and Approved Document H (1992 Edition) of the Building Regulations.

SURFACE WATER DRAIN
110mm diameter PVC-U underground drains to BS 4660:1989 laid to falls, bedded on and surrounded with granular materials to rubble filled soakaways with PVC sheet or concrete blinding laid over infill to prevent topsoil being washed into soakaway located at 5m minimum distance from any building/wall.

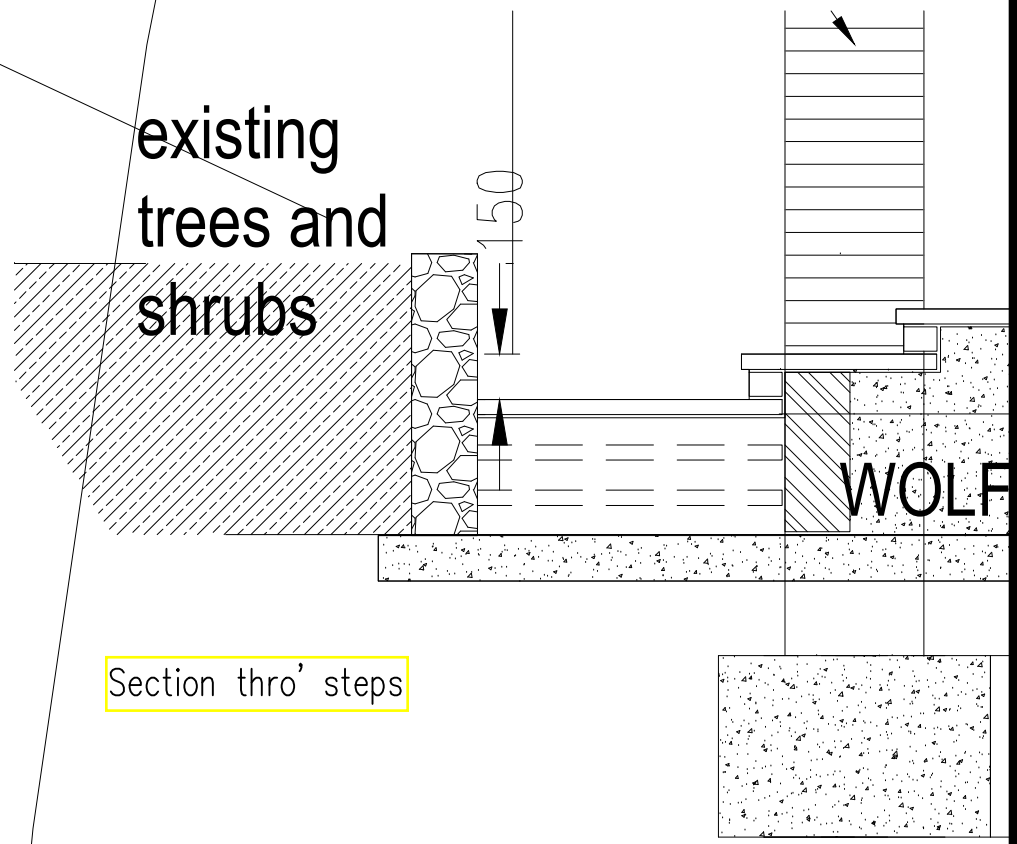
All surface water drainage to be directed into existing soakaway, or surface water

Where drains pass through foundations, bridge with r.c lintels to maintain 50mm space around the pipe and mask opening both sides with rigid sheet material to prevent entry of fill or vermin. Protection of pipe runs near buildings to be formed in accordance with manufacturer's written details and Part H of the Building Regulations. All drain runs within 600mm of surface below traffic areas & below floors to be encased in 150mm thick conc. Movement joints to be installed at every joint formed in accordance with Manufacturer's written details and Part H of the Building Regulations.

INSPECTION CHAMBERS
Min depth 450mm, max 1000mm to be Marley 475mm dia with cover and frames to suit locations. Installation in accordance with manufacturer's written instructions.

MANHOLES
Provide and construct manholes and inspection chambers as indicated on the drawings. Deeper than 1000mm to be formed from 215mm thick class 'B' semi-eng brickwork flush pointed, built off 150mm concrete slab reinforced with A252 mesh 50mm bottom cover, complete with step irons as applicable. Cover and frames to suit location. Internal size subject to depth and number of connections. NOTE: internal manholes to be fitted with recessed double sealed bolt down covers and frames.

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Mr Julian Fry
Old Rosings, Farley Lane, Westerham.
Kent. TN16 UD

Proposed 1/50 ground floor plan of proposals
JOB NO. 320/03 A