

GENERAL NOTES

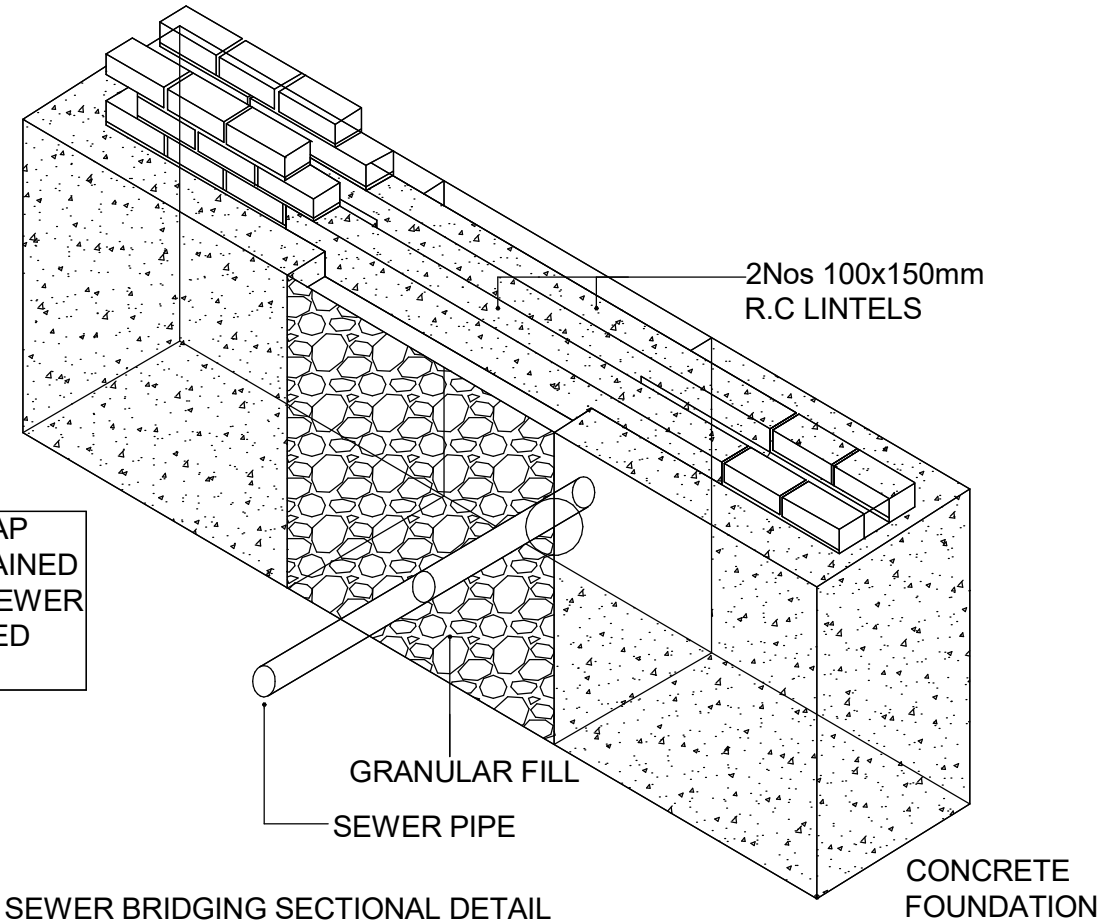
FOUL DRAINAGE
100mm diameter soil stack to receive 100mm diameter branches from wc's 50mm diameter wastes from showers, 40mm diameter wastes from sinks and baths, and 32mm diameter wastes from basins. Where 40mm waste runs exceed 3m in length, or 32mm waste runs exceed 1.7m, increase the pipe size or provide anti-syphon traps. All wastes to have cleaning eyes at bends, and 75mm deep seal traps, except the wc which is to be minimum 50mm. Showers to be fitted with top entry access traps.
Svp's at the head of drainage runs to be taken to ridge vents, positioned a minimum three metres horizontally or 900mm vertically from any adjacent window or door opening. Svp's not at the head of drainage runs to terminate with an internal air admittance valve. Air admittance valves to be located within the roof space with the top of the valve 450mm above the the bottom chord of the roof truss. Where this is not possible, locate the air admittance valve in areas with adequate ventilation and to be accessible for maintenance and removable to allow for blockage clearance.
Invert of soil stack at the base to be a minimum 450mm below the lowest connection. Any soil pipe within a habitable room is to be surrounded with 50mm thick insulation quilt. Stacks to be contained within a duct constructed with two layers of 12.5mm plasterboard with a skim coat plaster finish. Washing machines and dishwashers are to have a separate waste pipe run from the appliance to the soil stack.

New underground drainage runs in locations as indicated on plan to be 100 dia. Flexible jointed uPVC pipework to be laid to falls (see below) bedded on & surrounded by 150 pea shingle. trenches to be backfilled on completion, provide preformed pvcu inspection chambers bedded on & surrounded by c10p concrete. To have medium duty covers, to have cast iron cover & frame where located in driveway. Connect to existing foul water system located in rear garden.

Fall gradients:
where flows are 1.0 l/second or less:
gradients for 100mm diameter pipes should not be flatter than 1:40.
where flows are greater than 1.0 l/second:
gradients for 100mm diameter pipes may be laid at 1:80.
gradients for 150mm diameter pipes may be laid at 1:150

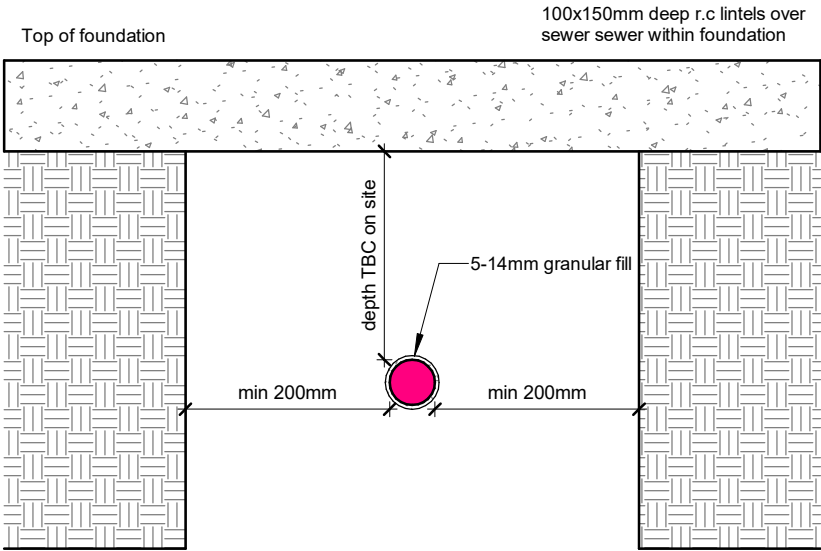
WASTE PIPES
All W/Cs to have trapped outlet connected to 100mm diameter pipes, and to be provided,with a wash hand basin with hot and cold running water. Sanitary appliances such as wash hand basin, baths, showers, sinks etc, to be provided with 50mm diameter waste pipes laid to falls and 75mm deep seal traps. Where waste pipe runs exceed 4m BBA approved air admittance valves are to be fitted above appliance spill over level. Waste pipes to either discharge below trapped gully grating or into soil and vent pipes via proprietary waste manifolds or bossed junctions. Internally all waste and drainage pipes to have rodding access/eyes at changes of direction and be adequately clipped/supported and provided with 30 minutes fire protection where passing through floors.

600mm MINIMUM GAP SHOULD BE MAINTAINED IN BETWEEN THE SEWER PIPE AND PROPOSED FOUNDATION

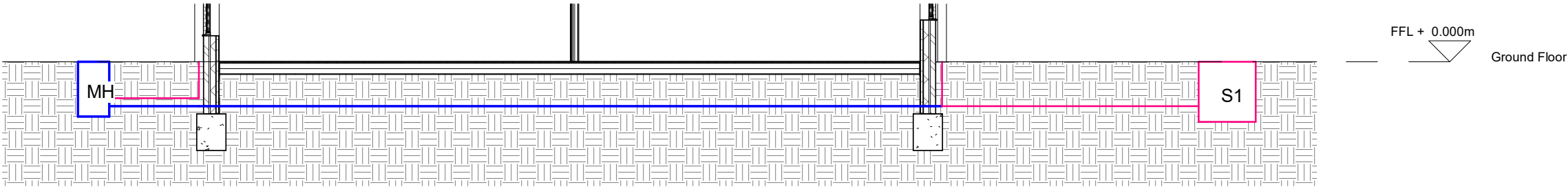


Key

- Boundary Line
- Foul Water Drain line
- New 150mm dia public waste pipe running into new manhole
- RWP
- SM - Surface Manhole
- YG - Yard Gully
- RE - Roding Eye



1 Sewer Foundation Detail
1 : 25



2 Proposed Thames water Section
1 : 100

Scale 1:100 @ A3

923

- notes:
1. Do not scale from this drawing, except for planning purposes.
 2. Site boundary lines are indicative only.
 3. All existing dimensions and levels to be checked on site prior to commencement of work. Any discrepancies to be reported to the architect.
 4. Setting-out is based on outline survey only. All setting out to be checked on site prior to construction/ordering.
 5. Unless shown otherwise all dimensions are to structural surfaces and are in mm.
 6. Unless shown refer to internal door schedule for door size. Door opening to be set out to give full specified architrave either side.
 7. Refer to drawing number.
 8. Any discrepancies between the Engineer's and Architect's drawings must be verified with the architect

Rev	Date	Description
Revision Schedule		

client.

Mr Abdul Ahad

address.

77a Windsor Road, DA12 5BW

project

New House

title

Existing and Proposed Sections_Water

date

03.02.2026

project number
10148

scale

As indicated @ A3

drawing number
923

drawing status

B.Regis

revision

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