

13 40mm diam basin and sink wastes, 50mm diam shower wastes (if lengths exceed 4m then provide an anti-syphon trap), all with individual 75mm deep seal traps and rodding eyes at changes of direction. Wastes to discharge to 100mm svp, stubstack, floor socket or BI. gulley as shown. 100mm diam wc wastes to be connected to svp, to be provided with rodding access. Where svp passes through ground floor room, encase in 25mm sound-deadening quilt and timber and plasterboard or ply casing. Provide code 4 lead flashings where svp abuts roof covering. Where svp is within 3m of any opening it is to terminate min. 900mm above opening. A ventilating pipe should be provided at or near the head of each main drain, any branch longer than 6m serving a single appliance or 12m serving a group of appliances, elsewhere, discharge stacks may be terminated with air admittance valves.

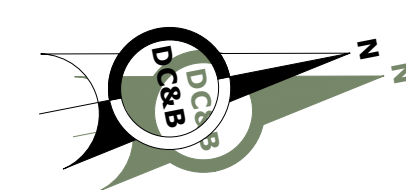
13a Access to drains may be provided by GRP or polypropylene inspection chambers to BS:7158 surrounded with 150mm of C20P concrete. Minimum dimensions to conform with Table 8 of BS:8301. Manholes located at changes of direction. Inspection covers in gardens to be medium-duty steel and in crossovers etc., to be heavy-duty steel. All covers and frames to comply with the appropriate loading grade of BS:497 or BS:5911.

13b Drains are to be 100mm nominal diameter laid at a gradient not flatter than 1/80, unless otherwise stated and are to be constructed using uPVC pipes to BS:4660, all with flexible joints, bedded and backfilled in accordance with the manufacturers recommendations and BS:8301. Flexible pipes with less than 600mm of cover are to be surrounded with 100mm of granular material.

13c Where existing drains pass through the new foundations, provide suitably designed reinforced lintel to bridge drain with a minimum of 150mm between the underside of the lintel and the drain. Provide compressible material between the drain and the lintel. The foundations on either side of the drain are to be constructed to a level below the pipe bedding and the foundation must be adequately separated from the pipe surround/bedding material.

- GENERAL NOTES**
1. Dimensions are in millimetres (unless stated otherwise) and are to block or stud faces.
 2. Drawings are not to be scaled, use figured dimensions only.
 3. Notify the Architect of any discrepancies within the drawing and contact for clarification before proceeding.
 4. All proprietary items to be fitted strictly in accordance with manufacturers instructions.
 5. All works to be carried out in accordance with latest related British Standards and relevant codes of practice.

A	Rev	7.10.22	Date	Drawing updated to suit engineers design. External works updated. Revision Description	Drawing updated to suit engineers design. External works updated.	
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Chartered Practice

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TENDER ISSUE