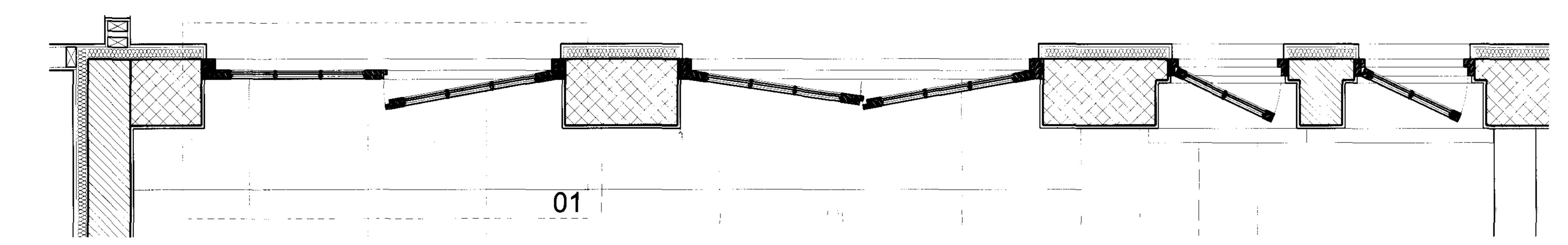
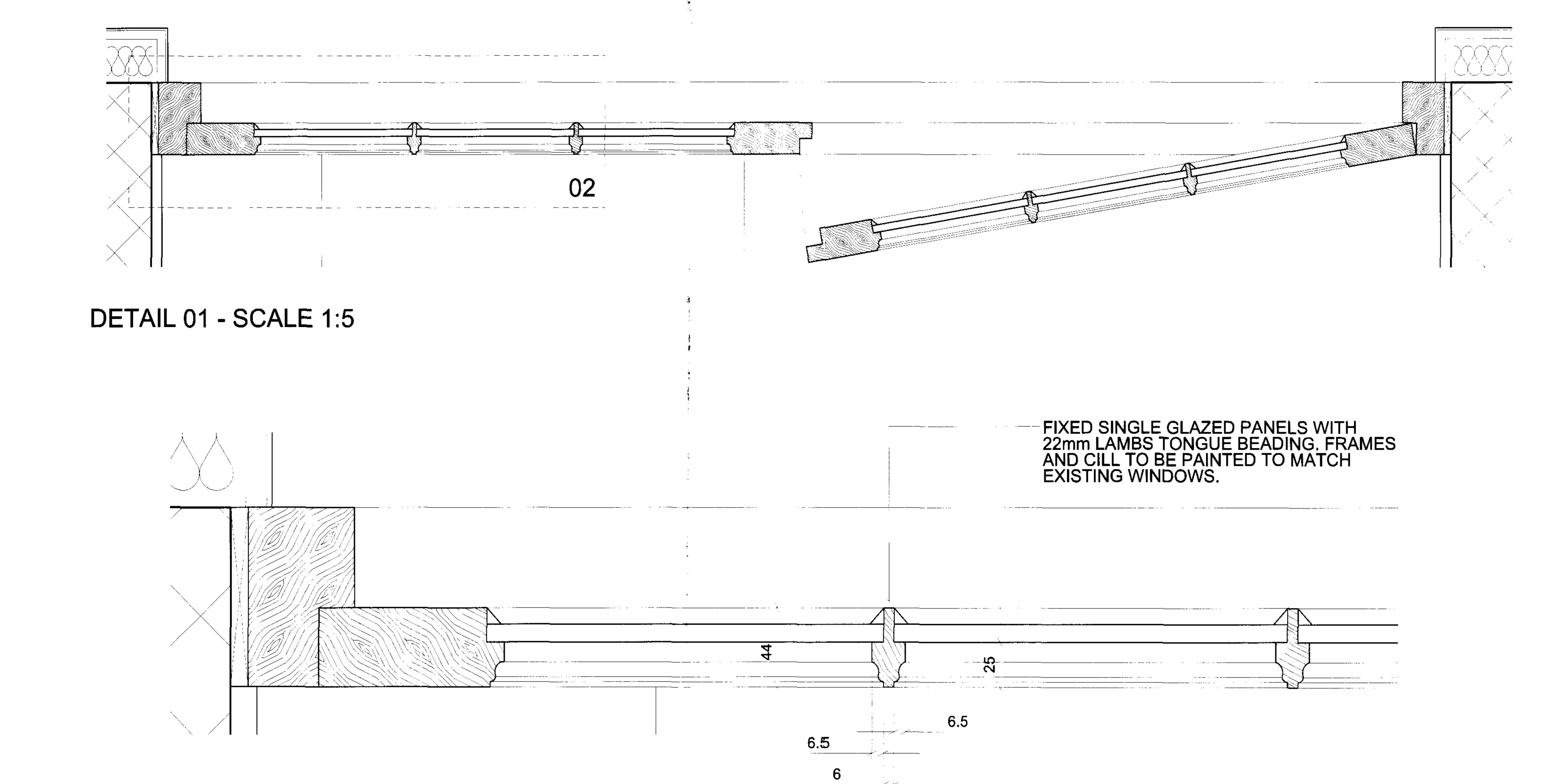


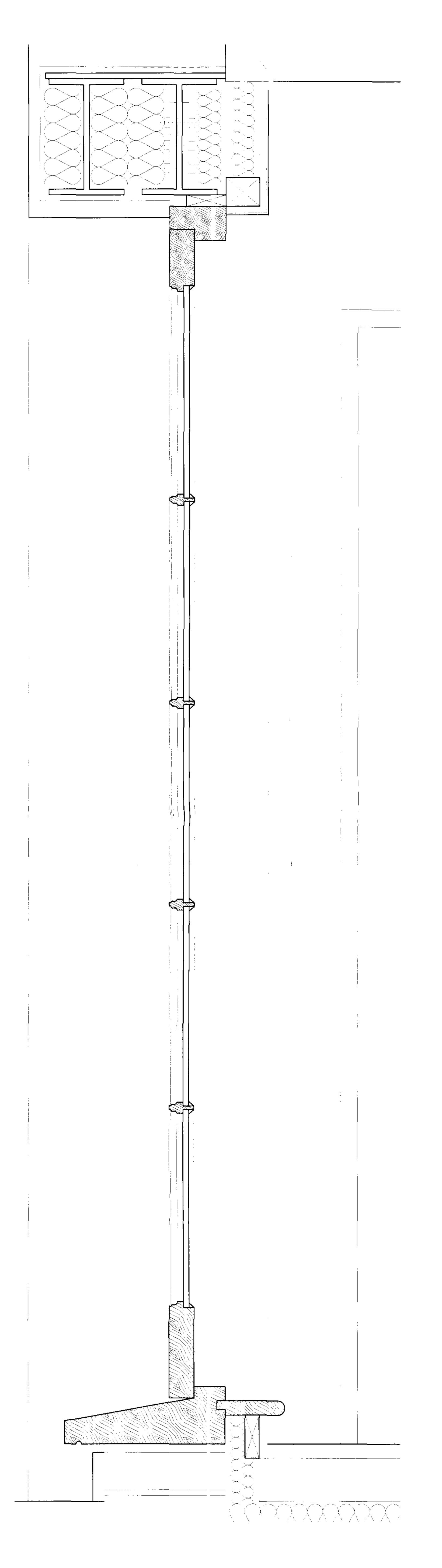
REAR EXTENSION ELEVATION - SCALE 1:20



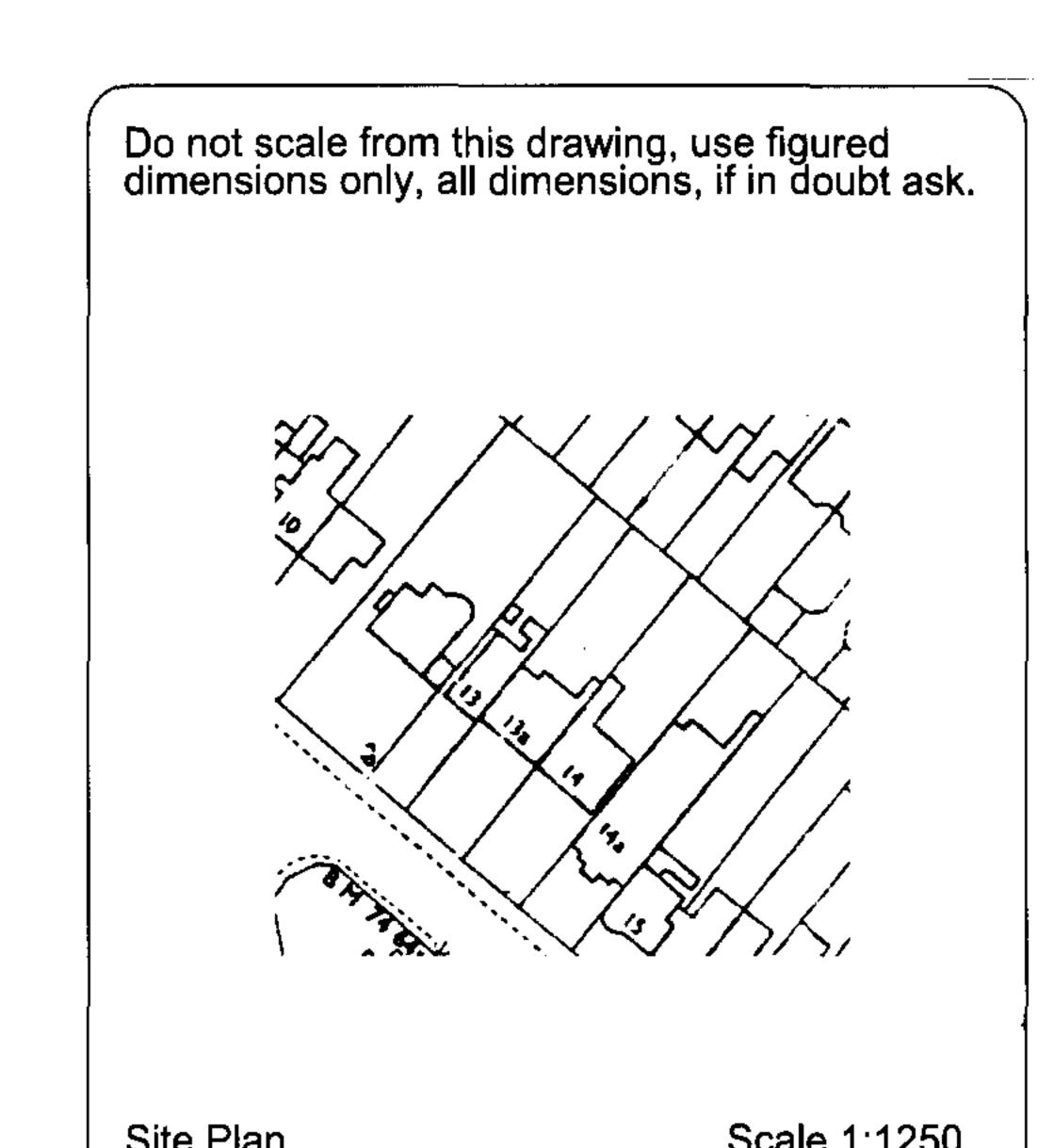
REAR EXTENSION PLAN THROUGH DOORS AND WINDOWS - SCALE 1:20



DETAIL 02 - SCALE 1:2



SECTION AA - SCALE 1:20



Glazed doors and windows with a sill height of less than 800mm measured to the finished floor level, to be glazed with laminated or toughened glass in accordance with Approved Document N. Section 1. Requirement N.1.

All windows on the external walls within 1.8m of, and 9m vertically above the flights and landing of an external excape stair should be of half hour fire resisting construction in accordance with Approved document B. Section B1 part C. LINTELS TO DOOR AND WINDOW OPENINGS.
Lintels to be steel box section, as manufactured by Catnic, or pre-cast concrete lintels as manufactured by Francis Concrete. All to be carried out in accordance with the building regulations1985,1991 and 1992 revised 2002 and all the current British Standards. Foundation depth minimum 1.0m below ground level but to be taken down to 0.6 below invert level of adjacent drains or any tree roots. Where trees are present within 35m of the foundations the depth is to be in accordance with NHBC Note 3: 'Building Near Trees.' Minimum safe bearing pressure under foundations to be 100 KN/M 2. All concrete work to be BS 5328 and BS 8110. Mass concrete for foundations to be Grate C30 with 20mm nominal maximum aggregate size, minimum cement content of 275KG/m3 and maximum free water cement ratio of 0.65.

Reinforced concrete to be grade C30 with 20mm nominal maximum aggregate size, minimum cement content of 330kg.m3 and maximum free water cement ratio of 0.50 (with sulphate resisting Portland Cement) these may be reduced to 280kg/m3 and 0.55 respectively. Sulphate resisting cement to be used in all the concrete work below DPC level. Lay 100mm 'SupaSleve' plain ended straight pipes and bends, including for polypropylene couplings all laid to fall on 50mm pea shingle regulating bed and back filled with selected fill, all to manufacturers recommendations. Form joints within 150mm of all rigid connections such as manholes, building entries etc. All new plumbing to comply with BS 5572 and to be agreed on site to Local Authority
Approval. Waste pipes to have screwed access covers for cleaning at all changes in direction.
Lavatory basins, sinks and baths to be fitted with 75mm deep seal traps. 40mm PVC waste pipes to bath and sink, 32mm to basin. Vent pipes to terminate above eaves level and not less than 0.9m above the head of any window within a horizontal distance of 3m. BRICKWORK AND BLOCKWORK.
Structural Masonry to 8S 562B. Ties to be stainless steel to BS 1243 at 900mm centres horizontally and 450 mm vertically and staggered. Close up to 450mm centres vertically at the sides of openings. Provide lateral restraint in roof deck and all un restrained walls exceeding 3m in length with 30mm x 5mm galvanised ties at 2m centres.

PENNINGTON PHILLIPS

Drawing

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