

approved) between.

To achieve airbourne sound insulation of R_w 43 dB and fire resistance of 30 minutes.

8.0 EXTERNAL OPENINGS

8.01 Windows and external doors **(max U value = 1.6W/sqmk)**

To be read in conjunction with drawings WD08 and WD09.

New and replacement windows and external doors to be black stained timber items. To be double glazed with sealed units to achieve required U value (i.e. Low-E soft coating & argon filled cavity).

Any glazing below 800mm from floor level and side panels to doors to a level 1500mm from floor level to be safety glazing to BS6206.

To comply with Building Regulations Document Q Security: PAS 23-24 – Secure by Design accredited.

Provide emergency egress windows where noted on window drawings. Casement to have unobstructed opening of at least 0.33 sqm, at least 450mm high by 450mm wide. The bottom of the openable area is to be at least 1100mm above the floor.

8.02 Rooflights **(max U value = 1.2W/sqmk)**

New rooflights to be Conservation Rooflights CR01-2 by The Rooflight Company, 565 x 725mm. Install complete with proprietary flashings, strictly in accordance with manufacturers recommendations. Rooflights to be positioned between rafters to ensure they sit flush with the pantiles. Client is to advise if electric operators are required.

9.0 BELOW GROUND DRAINAGE

9.01 General drainage requirements

Design standards: to BS EN 12056

100mm diameter clay (or uPVC) pipes with flexible joints, laid on and surrounded by granular fill generally.

Lay to falls. Falls to suit site conditions but generally to be between 1 in 40 and 1 in 80.

Where pipe passes under building & crown of pipe is less than 300mm below slab, encase pipe in concrete cast integral with slab.

To accommodate movement where pipes pass through substructure walls