

Roof Construction  
See engineers details

**Materials**  
Roof tiles, hip and ridge tiles to match existing clay tiles  
Horizontal white painted weatherboard to match existing on house front  
New brickwork to piers and rear elevations to match existing house brickwork  
Black rainwater goods to match front elevations

plain clay tiles to match existing  
bonnet hip tiles to match  
hog back ridge tiles

Bathroom Dressing

Stone infill panels to match existing house stonework from reclaimed stone

listed wall to be retained

new brick wall faced with reclaimed matching stonework

Replaced and repaired block paving's to match existing

foundation for pier beyond

PROPOSED SECTION A-A

PROPOSED SIDE ELEVATION

**EXTERNAL WALL CONSTRUCTION** [as indicated]

Stud Panels formed with 175mm x 75mm s/w studs and noggin's at 400mm c/c. both horizontally and vertically 175mm x 75mm s/w head and sole plates, with 12.5mm FIRELINE plasterboard internally, joints filled, taped and skim finish, externally stiffened with 12mm external marine plywood, glued and screwed @300mm ccs.

Studwork fixed/bolted to steels and existing structure as detailed by structural engineer.

150mm full fill celotex double-R CW2020 thermal insulation infill as indicated. [Moisture resistance plasterboard to be used in bathrooms, w.c, shower rooms, kitchen & utility rooms as applicable]

Double joists or structure detailed by structural engineer as indicated on the drawings

**INNER PARTITION WALLS** [as indicated]

Stud Partitions formed from 100 x 50mm s/w studs and noggin's at 400mm c/c. 100 x 50mm s/w head and sole plates, with 12.5mm FIRELINE plasterboard each side, joints filled, taped and skim finish. 100mm mineral wool infill as indicated. [Moisture resistance plasterboard to be used in bathrooms, w.c, shower rooms, kitchen & utility rooms as applicable] Double joists or structure detailed by structural engineer as indicated on the drawings.

Double joists/solid blocking under internal walls.

**STEELWORK**

All steel work to be installed as designed and as indicated on the drawings. allowing for all concrete padstones and other structural components as specified by the structural engineer.

Encase structural steelwork with galvanized eml and 15mm thick Fireline plasterboard to give one hour fire resistance.

**WINDOWS**

Allow for 1 no window to bathroom. dimensions 1200mm horizontally and 900 mm vertically, top hung sash. Aluminium color-coated to match existing windows, or as agreed with client.

Windows are to be supplied by specialist manufacturer, comprising colour coated Aluminium inner and outer frames.

All rooms are to be ventilated by opening windows. opening lights to windows serving habitable rooms to be equal to 1/20th of room floor area as rapid ventilation. TRICKLE VENTS as required by Building Regulations.

**EMERGENCY EGRESS WINDOWS** (not applicable)

To be provided from floors not more than 4.6m above ground level to all upper storey habitable rooms, except kitchens. The window is to have unobstructed openable area of at least 0.33m sq. and at least 450mm high and 450mm wide. The bottom of the openable window should not be more than 1100mm above the floor.

**GLAZING**

Sealed double glazed units to be installed to all external door & windows frames as applicable. Glazing to Bathrooms & Toilets to be obscure.

Safety glazing to be provided to all doors and screens below 1500mm and to any window below 800mm from finished floor/landing level. All glazing is to comply with approved Document N to the Building Regulations and BS 6262: 1982.

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Proposed Extension, side Elevation and Section A-A  
1:50