Proposed
Section B

Date	Description	Initials

New False Hip Pitch Roof Facades to
Front & Rear Elevation
Frame Constructed with 100 x 50mm
Timber
18mm Ply
Front & Hip Ends Covered with
Breathable Felt
38 x 19mm Tiling Batten
167 x 267mm Slate Roof Tile
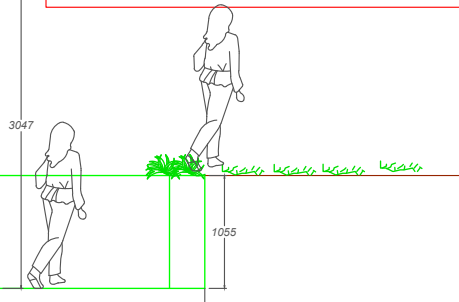Baby Ridge & Hip Tiles

Three layer felt roof in opposing directions, two layers
torched on, one layer tacked on to 18mm exterior
quality ply with 125mm Kingspan Thermoroof TR27
insulation. 18mm exterior quality ply, on top of 150mm
SW treated Furring pieces, 200 x 50mm C16 SW timber
joists, and one layer of 12.5mm plasterboard,
screwfixed to the underside of the joists

1100

First storey walls - 6 x 2" C16 SW treated wall
joists secured into galvanised metal restraint straps at 450mm intervals
around perimeter. 6" Celotex insulation between each wall joist. One layer of
12.5 plasterboard screwfixed to interior of stud work wall joists, with joints
taped and skimmed over ready for interior decoration.

Galvanised metal restraint straps secured to existing ground floor concrete
block wall exterior, connecting with new stud work wall joists at 450mm
intervals around building.

18mm exterior quality ply secured to stud work wall joists around building
with 2 x 1" Treated timber battens secured to ply at 450mm intervals.

Breathable membrane horizontally wrapping building in 1000mm horizontal
courses. Overlapping each course by 150mm, stapled throughout to exterior
ply.With a 300mm downward overlap onto existing ground floor block work.
12.5mm Render board screwfixed to battens.

Float synthetic render applied in 3 coats to front and rear of building at full
height around full height.

KITCHEN

*POWDER /
SHOWER
ROOM*

Existing Garage ceiling creates new floor to first
storey - 12m Plaster board with 200 x 50mm C16
SW timber joists above at 450mm intervals. 6"
Celotex insulation between each floor joist with
18mm marine ply over secured at 150mm intervals

3047

BATHROOM

BEDROOM

1055

Existing Concrete strip
foundations 550mm wide x
1200mm deep approx.
A new ground floor slab may
be necessary upon trial hole
investigation

Double storey extension foundations -
120mm well compacted hardcore, 25mm sand binding
over 1200mm gauge DPM min 150mm above external
ground level, over binding
Perimeter insulation upstand to prevent thermal binding
100 Kingspan insulation
Concrete stripe foundations 550mm wide x 1200mm deep,
or to the satisfaction of the Building Control to suit ground
conditions and support upper level
120mm thick concrete floor with reinforcement bars
Concrete to be 450mm wide and 350mm deep

Sunken courtyard foundations -
Concrete block retaining wall perimeter
with drainage gulleys
Concrete strip foundations 550mm wide
x 1200mm deep or to the satisfaction of
Building Control to suit ground
conditions and retaining perimeter walls.
120mm thick concrete floor with
reinforcement bars

SCALE BAR 1:50

0   1   2   3   4   5   10