

NOTES:

New extension roof to comprise second hand Welsh slate/cement fibre slates, twice nailed to 50mm x 25mm treated/graded battens complying with BREISH STANDARDS 55:34 : 2014, on TRUK SUREO breather membrane underlay.

Roof covering to be supported on purpose designed and forward trussed rafters at 450mm centres by FRGIST timber engineering (or equal and approved).

Foot trusses are to be braced with 100mm x 25mm longitudinal bracing and other bracing timbers, in accordance with the recommendations of B.S. 5268-3, 1998. Within new roof space, provide 300mm thick 'rockwool' thermal insulation gills, between and over ceiling chords of trusses.

Trusses are to be braced on 100mm x 50mm treated timber wallplates, secured to the tops of the inner skin of the external cavity walls.

Fix expanded metal lath to the underside of the wall-plates and bed in sand : cement mortar, on the inner skin blackwork.

Vertically restrain the wallplates with galvanised steel restraint straps, secured to the inner wall surfaces and turned over the wallplates, at maximum 1.50m centres.

New extension external walls to comprise 100mm dense concrete block outer skin, 150mm cavity incorporating 100mm thick Celotex P.I.R. insulation boards (or equal and approved) and 100mm dense concrete block inner skin.

Provide Simpson Strong Tie 275mm long, stainless steel wire wallties, with retaining discs to hold the insulation boards against the inner skin blackwork. To all new external door and window openings, or build in 'Iq' insulated galvanised steel lintels, or equal and approved, above all door and window openings in new cavity walls.

Internally, rough and skim masonry walls with lightweight plaster to 13mm finished thickness. New plasterboard face partitions at first floor are to be skinned.

Externally, roughcast render to match existing, above a facing brick plinth.

New FIRST FLOOR floors to comprise, 'edge protect' 22mm thick 2400mm x 600mm floorboard scribing, on 170mm x 47mm C24 grade treated timber joists at 400mm centres. Start between joists at mid-span.

Provide 100mm thick mineral wool bats, sound absorbing material, between floor joists, with minimum density value of 10kg/m².

New ground floor floor to comprise 65mm thick resin-fibre screed, on 100mm thick CEMEX REBMAK flooring concrete, on 500 gauge vapour control membrane, on 125mm thick 'Celotex' insulation flooring boards, on 1200 gauge damp proof membrane, on sand blinding, on minimum 150mm thick well compacted, graded, clean hardcore.

Along the inner face of sub-structure external walls, provide 25mm thick 'Celotex' insulation upstand boards, between wall and vertical HEATING & HOT WATER.

To be provided by REPLACEMENT oil-fired boiler, located in the kitchen. New pipework to extend to existing and new radiator positions. Likewise to all new sanitary fittings. Any new combustion ventilation to be installed, as advised by plumbers.

PROPOSED EXTENSION AT ABDELWAHAB RESIDENT, FOR P & A. HAYWARD.

WORKING DRAWING.

SCALE: 1:50; 1:100

DATE: JUNE, 2024

01

SECTION: E-E

125mm thick floor insulation.

170mm x 47mm C24 grade floor joists at 400mm centres.

22mm thick 2400mm x 600mm floorboard scribing, on 170mm x 47mm C24 grade treated timber joists at 400mm centres. Start between joists at mid-span.

Provide 100mm thick mineral wool bats, sound absorbing material, between floor joists, with minimum density value of 10kg/m².

New ground floor floor to comprise 65mm thick resin-fibre screed, on 100mm thick CEMEX REBMAK flooring concrete, on 500 gauge vapour control membrane, on 125mm thick 'Celotex' insulation flooring boards, on 1200 gauge damp proof membrane, on sand blinding, on minimum 150mm thick well compacted, graded, clean hardcore.

Along the inner face of sub-structure external walls, provide 25mm thick 'Celotex' insulation upstand boards, between wall and vertical HEATING & HOT WATER.

To be provided by REPLACEMENT oil-fired boiler, located in the kitchen. New pipework to extend to existing and new radiator positions. Likewise to all new sanitary fittings. Any new combustion ventilation to be installed, as advised by plumbers.

PROPOSED EXTENSION AT ABDELWAHAB RESIDENT, FOR P & A. HAYWARD.

WORKING DRAWING.

SCALE: 1:50; 1:100

DATE: JUNE, 2024

01

PROPOSED

125mm thick floor insulation.

170mm x 47mm C24 grade floor joists at 400mm centres.

22mm thick 2400mm x 600mm floorboard scribing, on 170mm x 47mm C24 grade treated timber joists at 400mm centres. Start between joists at mid-span.

Provide 100mm thick mineral wool bats, sound absorbing material, between floor joists, with minimum density value of 10kg/m².

New ground floor floor to comprise 65mm thick resin-fibre screed, on 100mm thick CEMEX REBMAK flooring concrete, on 500 gauge vapour control membrane, on 125mm thick 'Celotex' insulation flooring boards, on 1200 gauge damp proof membrane, on sand blinding, on minimum 150mm thick well compacted, graded, clean hardcore.

Along the inner face of sub-structure external walls, provide 25mm thick 'Celotex' insulation upstand boards, between wall and vertical HEATING & HOT WATER.

To be provided by REPLACEMENT oil-fired boiler, located in the kitchen. New pipework to extend to existing and new radiator positions. Likewise to all new sanitary fittings. Any new combustion ventilation to be installed, as advised by plumbers.

PROPOSED EXTENSION AT ABDELWAHAB RESIDENT, FOR P & A. HAYWARD.

WORKING DRAWING.

SCALE: 1:50; 1:100

DATE: JUNE, 2024

01

GROUND FLOOR PLAN.

125mm thick floor insulation.

170mm x 47mm C24 grade floor joists at 400mm centres.

22mm thick 2400mm x 600mm floorboard scribing, on 170mm x 47mm C24 grade treated timber joists at 400mm centres. Start between joists at mid-span.

Provide 100mm thick mineral wool bats, sound absorbing material, between floor joists, with minimum density value of 10kg/m².

New ground floor floor to comprise 65mm thick resin-fibre screed, on 100mm thick CEMEX REBMAK flooring concrete, on 500 gauge vapour control membrane, on 125mm thick 'Celotex' insulation flooring boards, on 1200 gauge damp proof membrane, on sand blinding, on minimum 150mm thick well compacted, graded, clean hardcore.

Along the inner face of sub-structure external walls, provide 25mm thick 'Celotex' insulation upstand boards, between wall and vertical HEATING & HOT WATER.

To be provided by REPLACEMENT oil-fired boiler, located in the kitchen. New pipework to extend to existing and new radiator positions. Likewise to all new sanitary fittings. Any new combustion ventilation to be installed, as advised by plumbers.

PROPOSED EXTENSION AT ABDELWAHAB RESIDENT, FOR P & A. HAYWARD.

WORKING DRAWING.

SCALE: 1:50; 1:100

DATE: JUNE, 2024

01

EXISTING

125mm thick floor insulation.

170mm x 47mm C24 grade floor joists at 400mm centres.

22mm thick 2400mm x 600mm floorboard scribing, on 170mm x 47mm C24 grade treated timber joists at 400mm centres. Start between joists at mid-span.

Provide 100mm thick mineral wool bats, sound absorbing material, between floor joists, with minimum density value of 10kg/m².

New ground floor floor to comprise 65mm thick resin-fibre screed, on 100mm thick CEMEX REBMAK flooring concrete, on 500 gauge vapour control membrane, on 125mm thick 'Celotex' insulation flooring boards, on 1200 gauge damp proof membrane, on sand blinding, on minimum 150mm thick well compacted, graded, clean hardcore.

Along the inner face of sub-structure external walls, provide 25mm thick 'Celotex' insulation upstand boards, between wall and vertical HEATING & HOT WATER.

To be provided by REPLACEMENT oil-fired boiler, located in the kitchen. New pipework to extend to existing and new radiator positions. Likewise to all new sanitary fittings. Any new combustion ventilation to be installed, as advised by plumbers.

PROPOSED EXTENSION AT ABDELWAHAB RESIDENT, FOR P & A. HAYWARD.

WORKING DRAWING.

SCALE: 1:50; 1:100

DATE: JUNE, 2024

01