

TILED RITCHED ROOF CONSTRUCTION
Tiles to match existing, on sw 25x38mm timber battens set at gauge to suit tiles, on breathable sarking membrane
Kingspan Nulvent, on sw timber roof trusses subject to roof Manufacturers instructions. Allow for all lateral and diagonal timber cross bracing to roof timbers as required;
birdsmouthed over 75x100mm sw timber wall plate with, underdrawn in 5mm skin coated 12mm thick plasterboard.
Roof construction achieves U-value of 0.25W/m²K (min. U-value 0.25W/m²K).

Black uPVC rainwater gutters and down pipes.
Timber fascia stained to match timber cladding.

Allow for flexi insulation between joists along roof edge.

External quality 125 x 19mm shiplap horizontal cladding, on 25x32mm lathesed softwood battens, on Kingspan rivnet breather membrane, 12mm exterior quality WSP plywood, on 50x140 softwood frame @ 400mm c/c's, 75mm Kingspan Kooltherm K112 Framing Board between studs, Vapour Polythene Vapour Barrier, on 15mm Gyproc WallBoard.

Code 5 lead flashing at junction between leather edge boarding and masonry wall

Timber framed wall to be constructed off 215mm masonry wall comprising 102.5mm facing bricks above ground level and 100mm concreteblockwork below ground level

Min. 65mm cement/sand screed with one layer of D98 mesh, on 500 gauge Viqueen membrane, on 60mm Kingspan Kooltherm K103 insulation, on 2000 gauge Viqueen dpm, on 150mm reinforced concrete slab to Structural Engineer's details, on 150mm min. hardcore.
Provide 25mm insulation upstand to level of screed to perimeter of floor.
All to Structural Engineer's details.

RAFT FOUNDATION TO STRUCTURAL ENGINEERS DESIGN & DETAILS

FOOD PREP. BUILDING SECTION A-A

Scale: 1:20

Existing Stone Wall to Car Park

EXISTING WALL HEIGHT 2000

CONSERVATORY EXTENSION

Floor finish to clients requirements, on Min. 65mm cement/sand screed with one layer of D98 mesh, on 500 gauge Viqueen membrane, on 60mm Kingspan Kooltherm K103 insulation, on 2000 gauge Viqueen dpm, on 150mm reinforced concrete slab to Structural Engineer's details, on 150mm min. hardcore.
Provide 25mm insulation upstand to level of screed to perimeter of floor.
All to Structural Engineer's details.

CONSERVATORY BUILDING SECTION C-C

Scale: 1:20

All dimensions to be checked on site prior to work commencing on site. Any discrepancies must be reported to MR+P

All dimensions to be checked on site prior to work commencing as this property has not been surveyed by MR+P. Any discrepancies must be reported to MR+P

Blue / Grey slate finish to match existing.

Feature timber truss.

Black uPVC rainwater gutters and down pipes.
Timber fascia stained to match timber cladding or painted finish.

New internal opening.

Ramp between levels.

Full height timber windows with painted / stained finish with slim line double glazes units fitted.

215mm masonry wall comprising 102.5mm facing bricks above ground level and 100mm concreteblockwork below ground level

External paved finish with level threshold and a/c drain.

Existing boundary wall and coping stone to remain unchanged.

Flat roof finish to be lapped up behind edging fillet batten. Code 4 lead cover flashing to be dressed over parapet / flat roof finish.

Allow for flexi insulation between joists along roof edge.

Existing wall on inside to be dry-lined with 25x38mm sw treated battens fixed to wall, vapour control layer and then overboarded with 32.5mm insulated plasterboard. Final finish to be white board or similar approved as advised by client.

2010

WASH-UP. BUILDING SECTION B-B

Scale: 1:20

Floor finish to clients requirements, on Min. 65mm cement/sand screed with one layer of D98 mesh, on 500 gauge Viqueen membrane, on 60mm Kingspan Kooltherm K103 insulation, on 2000 gauge Viqueen dpm, on 150mm reinforced concrete slab to Structural Engineer's details, on 150mm min. hardcore.
Provide 25mm insulation upstand to level of screed to perimeter of floor.
All to Structural Engineer's details.

Single-ply membrane, on 25mm Kingspan ThermaD 7527 LPT2M insulation layer, on 40mm Kingspan Optim-R, on Vapour control layer. BS2520 requires a vapour control layer to be installed between the deck and insulation. (ensure vapour control layer at edge of roof is turned up and lapped with roof waterproofing layer and seal), on 18mm WSP plywood, on 150x50mm sw roof joists @ 400 c/c's subject to Structural Engineer's details. Underdrawn with 1 layer 12.5mm plasterboard on skim.

Black uPVC rainwater gutters and down pipes.
Timber fascia stained to match timber cladding.

Allow for flexi insulation between joists along roof edge.

External quality 125 x 19mm shiplap horizontal cladding, on 25x32mm lathesed softwood battens, on Kingspan rivnet breather membrane, 12mm exterior quality WSP plywood, on 50x140 softwood frame @ 400mm c/c's, 75mm Kingspan Kooltherm K112 Framing Board between studs, Vapour Polythene Vapour Barrier, on 15mm Gyproc WallBoard.

Code 5 lead flashing at junction between leather edge boarding and masonry wall

Timber framed wall to be constructed off 215mm masonry wall comprising 102.5mm facing bricks above ground level and 100mm concreteblockwork below ground level

RAFT FOUNDATION TO STRUCTURAL ENGINEERS DESIGN & DETAILS

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1:20

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THE MILTON ARMS
ARMROYD LANE, ELSECAR
BARNESLEY, S74 8ES

TITLE
PROPOSED BUILDING SECTIONS

DRAWING STATUS
PLANNING

DRAWN BY: DJL

DATE: AUGUST 2018

SCALE: 1:20@A1

DRAWING No. 5838-412