

SPECIFICATION

0 500 1000

Scale
1:50
@ A3

SUBFRAME

3No. 100x65x7mm Channels with cold rolled steel joists positioned across channels @ 1220mm c/c

Which supports exterior walls along the perimeter supported by levelling jack.

FLOOR

High density 18mm thick flooring grade T&G chipboard screwed & nailed to 96x45mm stress graded timber joists at a maximum 407mmc/c which are securely bolted to the subframe at regular intervals. The floor deck is insulated with platinum grade rigid polystyrene which is held in position between the joists with a continuous 125 micron, 20% fire retardant moisture barrier to BS.2782. The average floor 'u' value which includes floor joists is 0.37W/m2/K.

WALLS

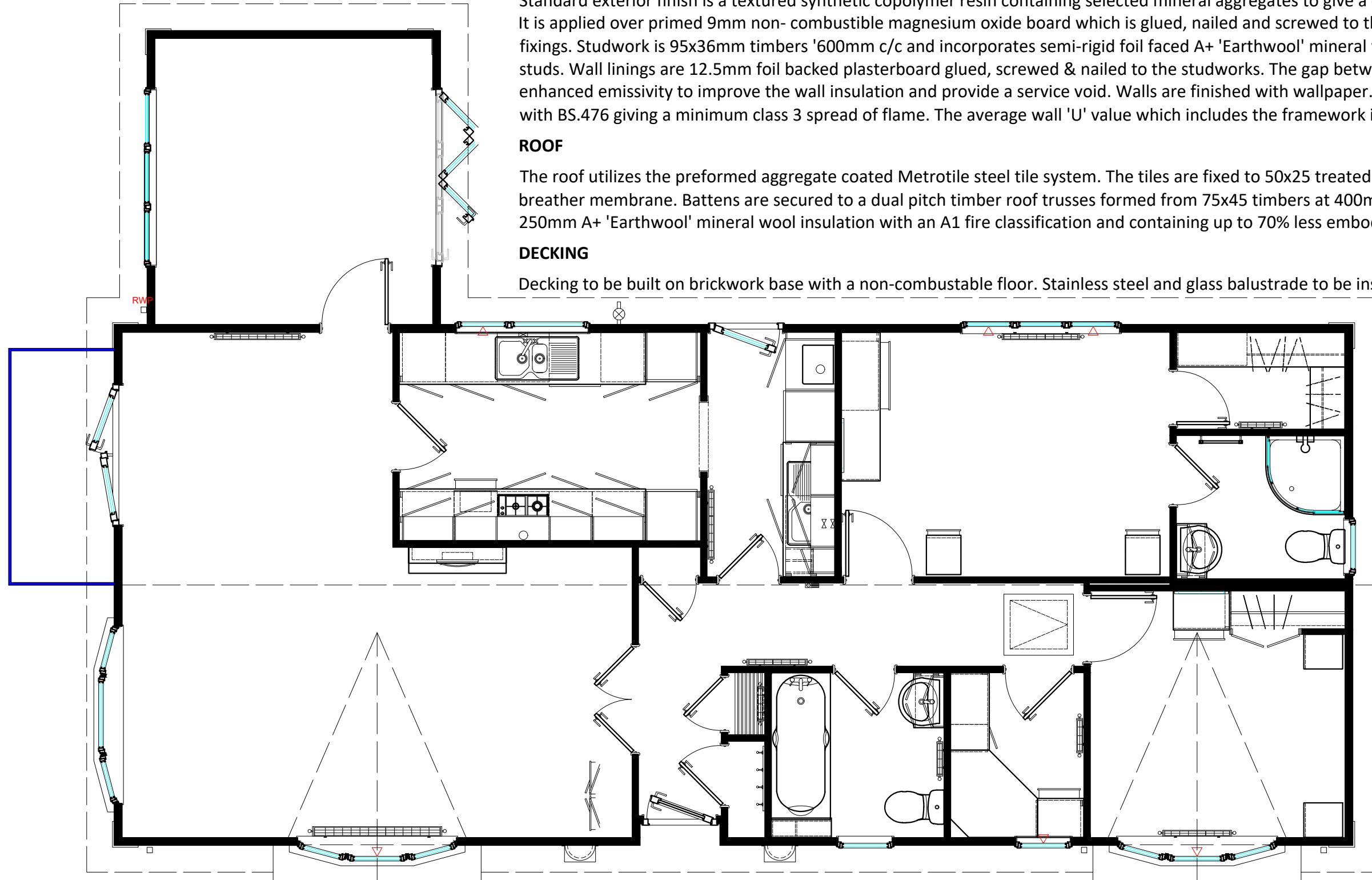
Standard exterior finish is a textured synthetic copolymer resin containing selected mineral aggregates to give a class 1 spread of flame to BS.476. It is applied over primed 9mm non-combustible magnesium oxide board which is glued, nailed and screwed to the studwork with stainless steel fixings. Studwork is 95x36mm timbers '600mm c/c and incorporates semi-rigid foil faced A+ 'Earthwool' mineral wool insulation between the studs. Wall linings are 12.5mm foil backed plasterboard glued, screwed & nailed to the studworks. The gap between the opposing foil faces gives enhanced emissivity to improve the wall insulation and provide a service void. Walls are finished with wallpaper. All internal substrates comply with BS.476 giving a minimum class 3 spread of flame. The average wall 'U' value which includes the framework is better than 0.46 W/m2/K.

ROOF

The roof utilizes the preformed aggregate coated Metrotile steel tile system. The tiles are fixed to 50x25 treated timber battens over Corovin breather membrane. Battens are secured to a dual pitch timber roof trusses formed from 75x45 timbers at 400mm c/c. The roof is insulated with 250mm A+ 'Earthwool' mineral wool insulation with an A1 fire classification and containing up to 70% less embodied.

DECKING

Decking to be built on brickwork base with a non-combustable floor. Stainless steel and glass balustrade to be installed around the edge



Client: M Wemm
21 Kings Head Home Park
NEWPORT, TF10 7LG

Drawing Title: 21 Kings Head Home Park Extension
Proposed Plan

Drawn by: Ashwood Office Interiors Ltd
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DWG No
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