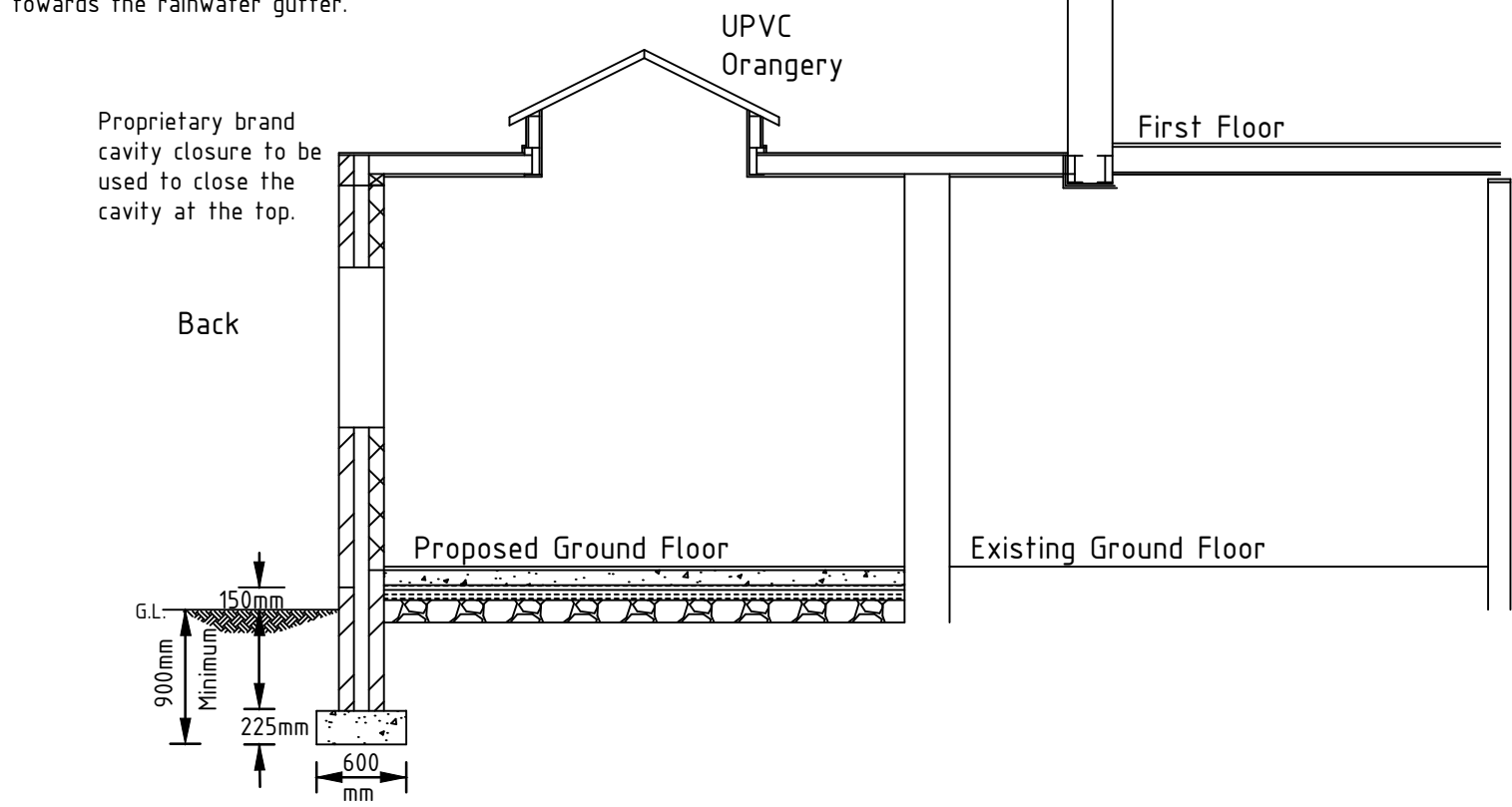


Flat Roof:
Roofing felt to B.S. 747
15mm Thick external plywood on top of rafters.
47x145mm timber joists, grade C16 at 400mm centres to Table T36 of the TRADA tables.
100mm thick celotex or similar approved insulation board between the rafters.
Minimum of 50mm gap above the insulation board.
Minimum of 20mm gap on either side of the roof.
12.5mm foil backed plasterboard to ceiling.
The roof should have a minimum fall of 1 in 80 towards the rainwater gutter.



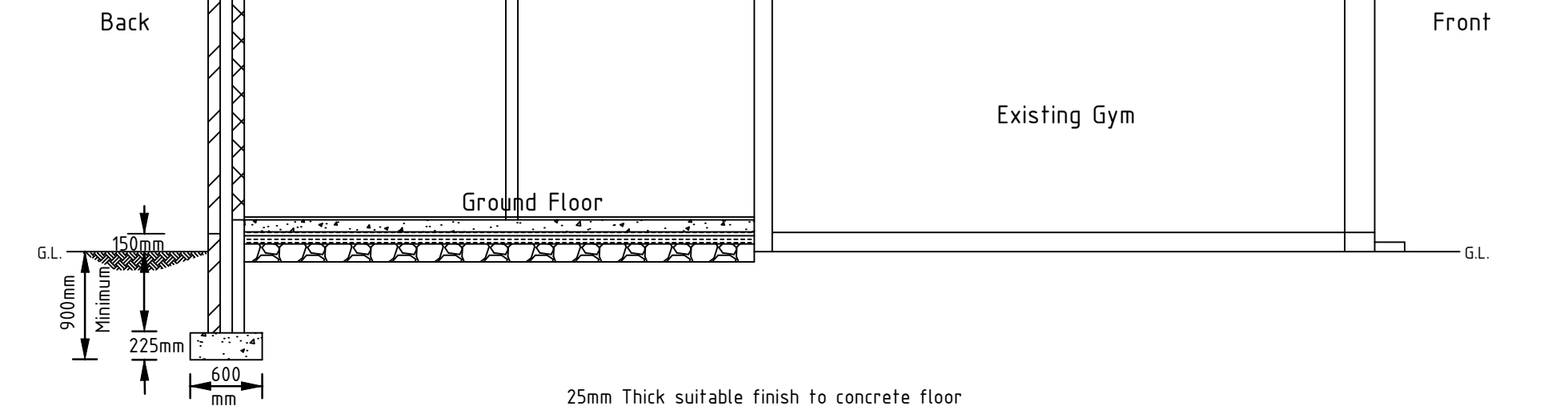
Brickwork to inner leaf to ground level only.
Lean mix concrete infill to cavity to 225mm below DPC.
25mm Thick suitable finish to concrete floor
100mm Thick concrete floor slab
1200 Guage visqueen taped and sealed to provide continuity with horizontal DPC
100mm Kingspan or similar insulation
1200 Guage Visqueen layer
25mm Sand blinding
150mm Well compacted crushed brick hardcore.

Section A-A

Roof Construction:
Pitch of roof - 36 degrees
Red coloured Roof tiles to match existing
25x38mm softwood battens
Externally graded roofing felt.
38x100mm Rafters at 400mm centres (C16-Table 28 of the TRADA tables).
270mm Thick Rockwool or similar approved Insulation to roof space.
38x145mm ceiling joists at 400mm centres (C16 - Table T8 of the TRADA tables).
12.5mm plasterboard to ceiling to be plastered and skimmed.

First Floor:
25mm Thick T&G Floor boards
47x170mm timber joists grade C16 at 400mm centres to Table T8 of the TRADA tables.
12.5mm foil backed plasterboard to ceiling of ground floor.

Proprietary brand cavity closure to be used to close the cavity at the top.



Brickwork to inner leaf to ground level only.
Lean mix concrete infill to cavity to 225mm below DPC.

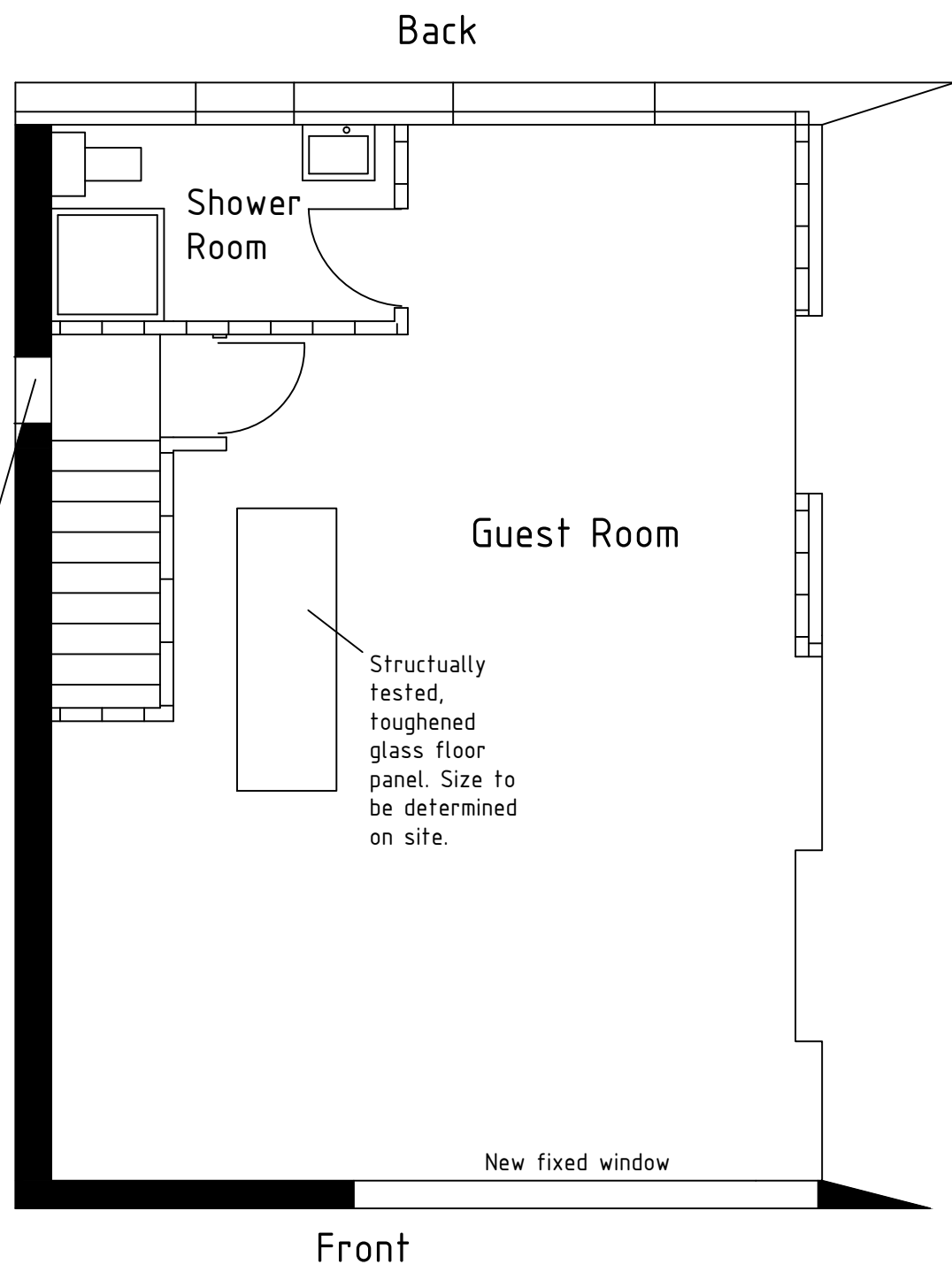
25mm Thick suitable finish to concrete floor
100mm Thick concrete floor slab
1200 Guage visqueen taped and sealed to provide continuity with horizontal DPC
100mm Kingspan or similar insulation
1200 Guage Visqueen layer
25mm Sand blinding
150mm Well compacted crushed brick hardcore.

Section B-B

The staircase shall be 800mm wide, with handrail on one side.
The pitch of the staircase shall be maximum of 42 degrees.
14No. risers of equal height of 200mm each.
The treads shall be 240mm each.
The landing on top of the staircase shall be 800mm.
The staircase to be 750mm wide.

The door at the top of the stairs shall be a half hour fire resistance door.

600mm wide access into roofspace of extension.

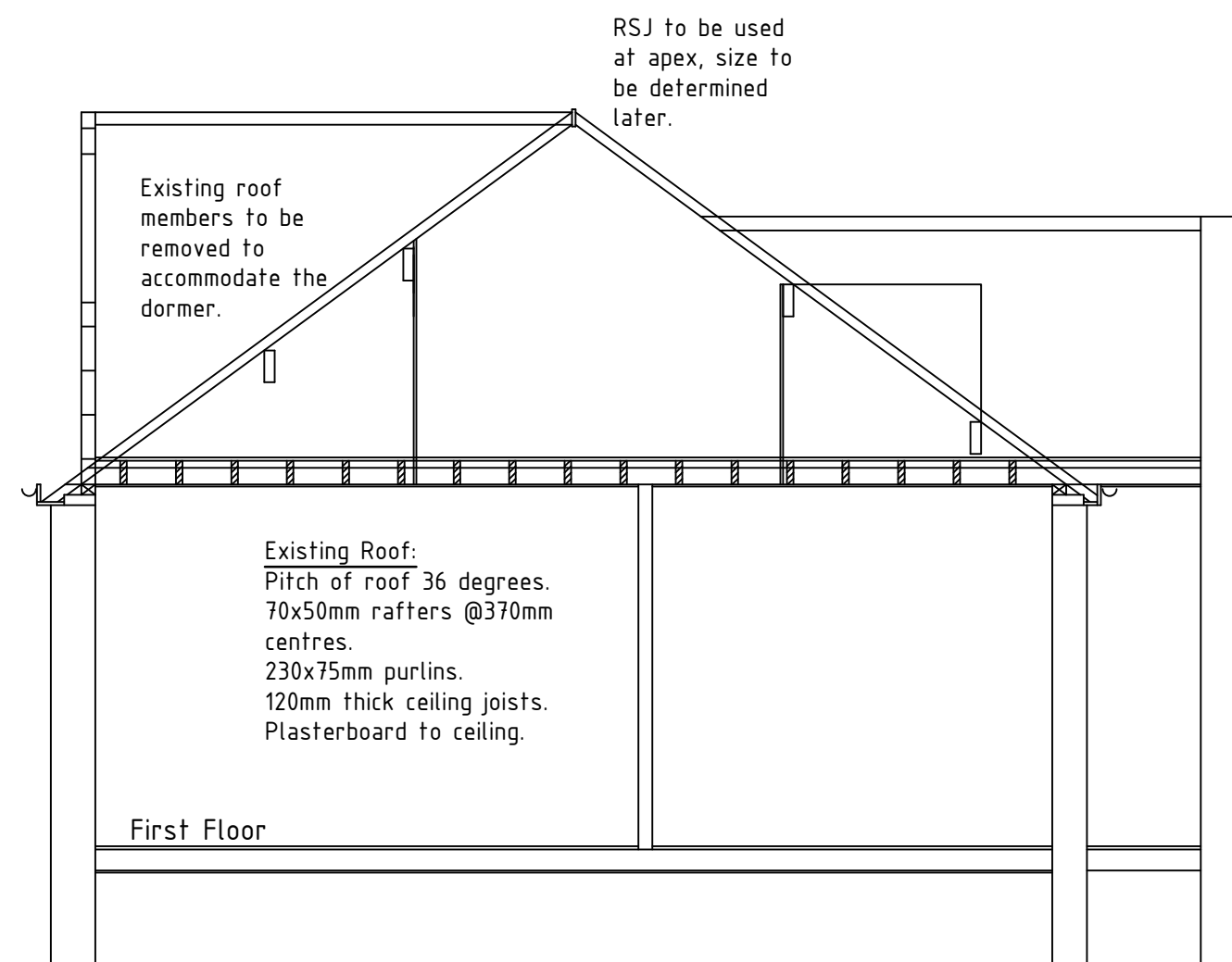


Plan of Proposed Dormer to Rear

Proposed Dormer:
The walls to be constructed of 50x75mm timber frame with 12.5mm plasterboard to inner face and 47x170mm C-16 roof joists @400mm centres to Table 36 of TRADA tables.
100mm thick Celotex insulation board between the joists.
Minimum of 50mm gap above the insulation boards.
12.5mm thick plasterboard to ceiling.

Floor:
25mm Thick T&G floor boards.
47x170mm floor joist at 400mm centres, to Table 8 of TRADA tables.

Back



Front

Section over existing roof showing proposed dormer at the rear.

NOTES

P2	28.04.22	AUH	AUH	"Plan of proposed dormer to rear" amended.
P1	01.03.22	AUH	AUH	Drawing revised in line with client's instructions.
No	DATE	DRAWN	CHKD	AMENDMENT

DRAWING STATUS

Planning

CLIENT MR S.Jamil

PROJECT
61 Grangethorpe Drive, Burnage,
Manchester, M19 2NF

DRAWN A. Ul-Haq

CHKD AUH

TITLE
Proposed Single Storey Rear and Two Storey Side Extensions, together with internal and external alterations.

Proposed Sections and Dormer Details - Sheet 3 of 3

SCALE 1:50	DRAWING No 2021/06/03	DATE Oct. 2021	AMDT P2
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