

Roof Construction

12mm Elastomeric roofing membrane installed to manufacturers recommendations.
5mm sheaving felt
18mm external quality WBP plywood decking fully supported at all junctions
75mm wide fining timbers with height 0mm max height 54mm to give min 1:30 fall to collection gutter.
75x145 grade C24 roofing joists at 400 centres with solid noggling bracing at mid span.
Messrs Celotex XR4150 150mm thick between joists
Ceiling lined with Messrs Celotex PL4000 25mm thick insulated plasterboard, scribed joints and 6mm plaster skim finished

Zinc cladding finished ply fascia

Metal 150x150 square section gutter to outlet downpipes at either end

Min 25mm Roof Vent. inset prior mesh grille across opening.

Proprietary weathered zinc finished rigid cladding trim dressed up behind zinc wall cladding

Wall Construction

4mm thick weathered zinc cladding
5mm sheaving felt
18mm external quality WBP plywood
45x145 Grade C3 studwork frame with verticals at 400 centres
Void spaces between stud filled with 120mm Messrs Celotex XR4150 insulation slab.
Wall lined with Messrs Celotex PL4000 25mm thick insulated plasterboard, scribed joints and 6mm plaster skim finish.

Partition Wall Construction

12.5mm Gypsum Plasterboard with scribed joints and 6mm skim finish either side of 45x75mm Sx24 grade stud frame with verticals @ 400 centres and mid span solid noggings.
Void space filled with 75mm thick mineral wool insulation quilt.

BEDROOM 1

STAIRCASE

doubled floor joist trimmer

152x89 UB encased in 15mm gypsum fire like plasterboard and 6mm skim finish.

Bedroom Floor Construction

Floor finish subject to clients choice.
18mm external quality WBP plywood fully supported at all junctions.
75x195 floor joists @ 400 centres
200mm Mineral wool acoustic and thermal insulation packed in between joists.
Messrs Celotex 25mm thick insulated plasterboard with scribed joints and 6mm plaster finishing coat.

Wall construction

Existing 220 external brick wall
4mm Tyvek or similar breathable felt
45x97 SCA grade studwork frame with verticals at 400cs.
Infill voids with Messrs Celotex XR4150 100mm insulation slab.
Wall lined with Messrs Celotex PL4000 25mm thick insulated plasterboard, scribed joints and 6mm plaster skim finish.

19x75 softwood battening strake to fasten roof with proprietary metal angle trim to tiled roof.

Fascia as noted opposite side.

Red vent as noted opposite side.

Existing Brick Gable 215mm thick.

150x90 HSS Horizontal bracing support to gable. 12mm Resin anchor bolts @ 900 centres across full width of terraces. See structural engineers details.

Solid 45x195 noggling compartmentalisation division across entire width of terrace.

203x102 steel channel floor joist support to engineers details.

Terrace Construction

13mm cementitious glass fibre reinforced pedestrian tiles.
12mm elastomeric roofing membrane installed to manu. recommendations.
5mm sheaving felt.
18mm external quality WBP plywood fully supported at all junctions.
75mm wide fining timber with height 12mm max height 40mm to give 1:60 fall to channel with discharge to surface water drainage outlet at both ends of terraces.
75x195 grade C24 joists at 400cs.
Messrs Celotex XR4150 150mm thick between joists.
Ceilings lined with Messrs Celotex PL4000 25mm thick insulated plasterboard and 6mm finishing Plaster skim.

100 300 500 700 900
0 50 200 400 600 800 1000mm @ 1:20 Scale.

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Contract

ROOF CONSTRUCTION
DETAILS.

Title

SEPT '23

Initial issue date

1:20

Scale

2486/1/A3:6

Drq. No.

Rev.