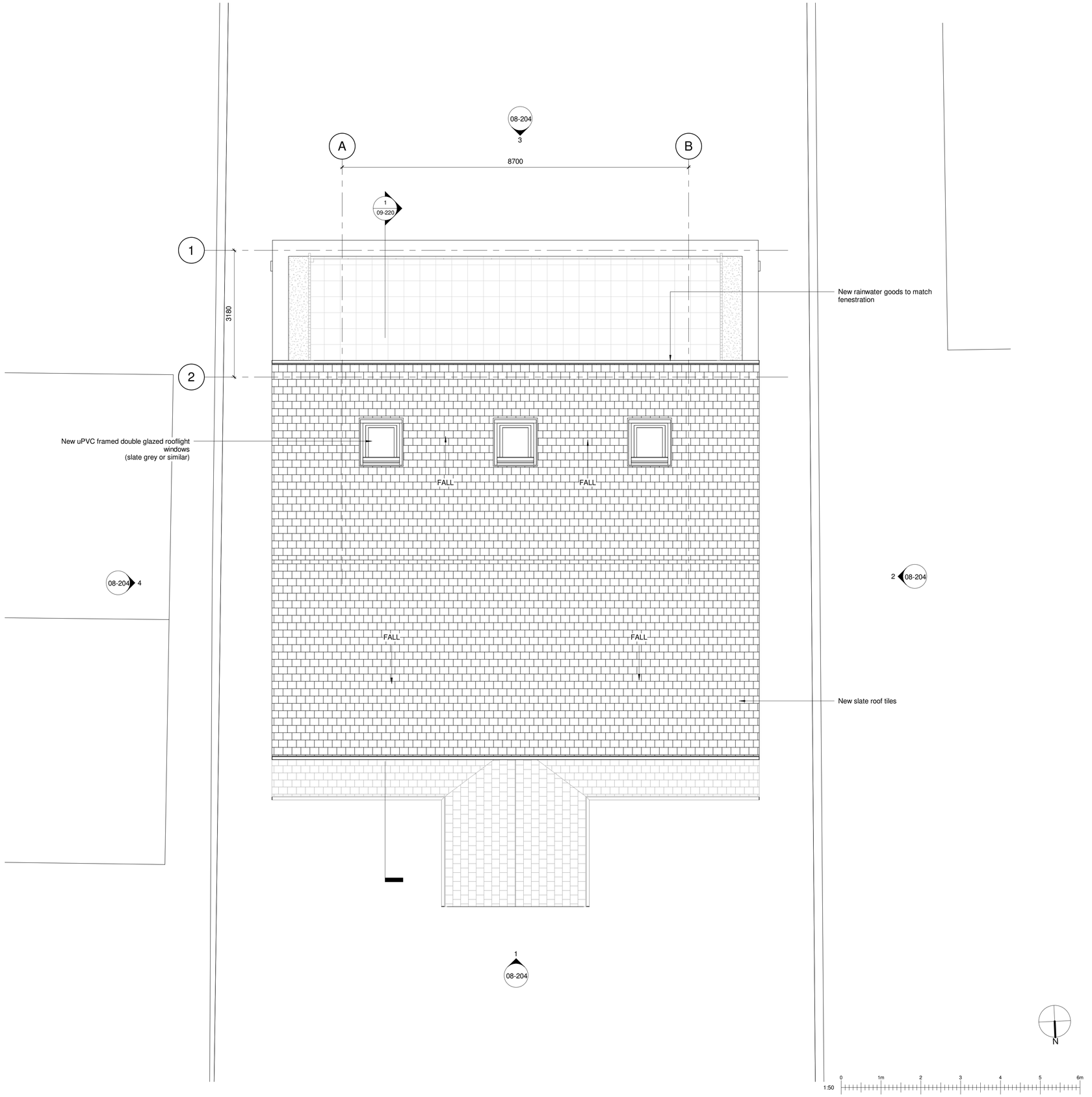


SPECIFICATION

Ground Floor
Overall build-up to achieve min 0.25W/m²K

65mm reinforced concrete screed on 25mm Kingspan Kooltherm 103 insulation.
20mm rigid perimeter insulation.
200mm concrete slab on continuous Visqueen DPM to PIFA standard. All joints lapped by 150mm min. and sealed using manufacturers approved tape. To be lapped and sealed to existing DPM for continuity.
50mm sand blinding.
200mm Type 1 hardcore compacted in min. 3 equal stages.

New External Walls
Overall build-up to achieve min 0.29W/m²K

13mm Sto Rend reinforced render applied to both existing and new build
100mm Blockwork (medium density)
100mm Rockwool Cavity Wall Batt
100mm Blockwork (medium density)
2 x 12.5mm Gyproc Wallboard
*Note: Existing walls shown solid grey

Main Entrance Vestibule (low level)
Overall build-up to achieve min 0.29W/m²K

Stone slips on proprietary fixing brackets appropriate to system
100mm Blockwork (medium density)
100mm Rockwool Cavity Wall Batt
100mm Blockwork (medium density)
2 x 12.5mm Gyproc Wallboard

First Floor Roof Terrace
Overall build-up to achieve min 0.18W/m²K

Single Ply membrane on 18mm External Grade Plywood laid to fall on timber firrings. Fall 1 degree away from building
18mm External Grade Plywood
Class C16 50mm x 225mm timber joists positioned max. 600mm centres
175mm Kingspan K107 friction fitted between joists aligned to bottom
15mm Plasterboard fixed directly to undeerside of joists

First Floor over Garage

22mm tongue & groove floorboard
Class C16 50mm x 225mm timber joists positioned max. 600mm centres with imposed load not exceeding 1.5kN/m². Joist batstraps @ min 2m centres fixed to noggins between joists
170mm Kingspan K107 friction fitted between joists aligned to bottom
15mm FireLine boards to underside and around steel beams to provide min. 30 minutes fire compartmentation.

Roof (incl. Main Entrance Vestibule)
Overall build-up to achieve min 0.28W/m²K

Slate roofing tiles fixed to timber battens on roofing breather membrane
220mm x 48mm rafters at 600mm centres
*Final rafter sizes/centres to roof tuss supplier specification
170mm Kingspan K107 fitted to align with underside of rafter
15mm Plasterboard (moisture resistant in ensuite)

Structural Information

Refer to Structural Engineers Report for all steel and foundation sizes / locations.
Refer to Architects drawings for steelwork setting out

rev	description	date
A	Planning submission	23/12/20

revisions

status: PLANNING

project: HOUSE REFURB & EXTENSION
LOW DYKE HOUSE, DIPE LANE
WEST BOLDON, NE36 0PQ

title: PROPOSED GA ROOF PLAN

scale: 1 : 50 @ A1

date: JUNE 2020

Project ID: 01

Drawing No: 07-203

revision: A

N

1:50 0 1m 2 3 4 5 6m