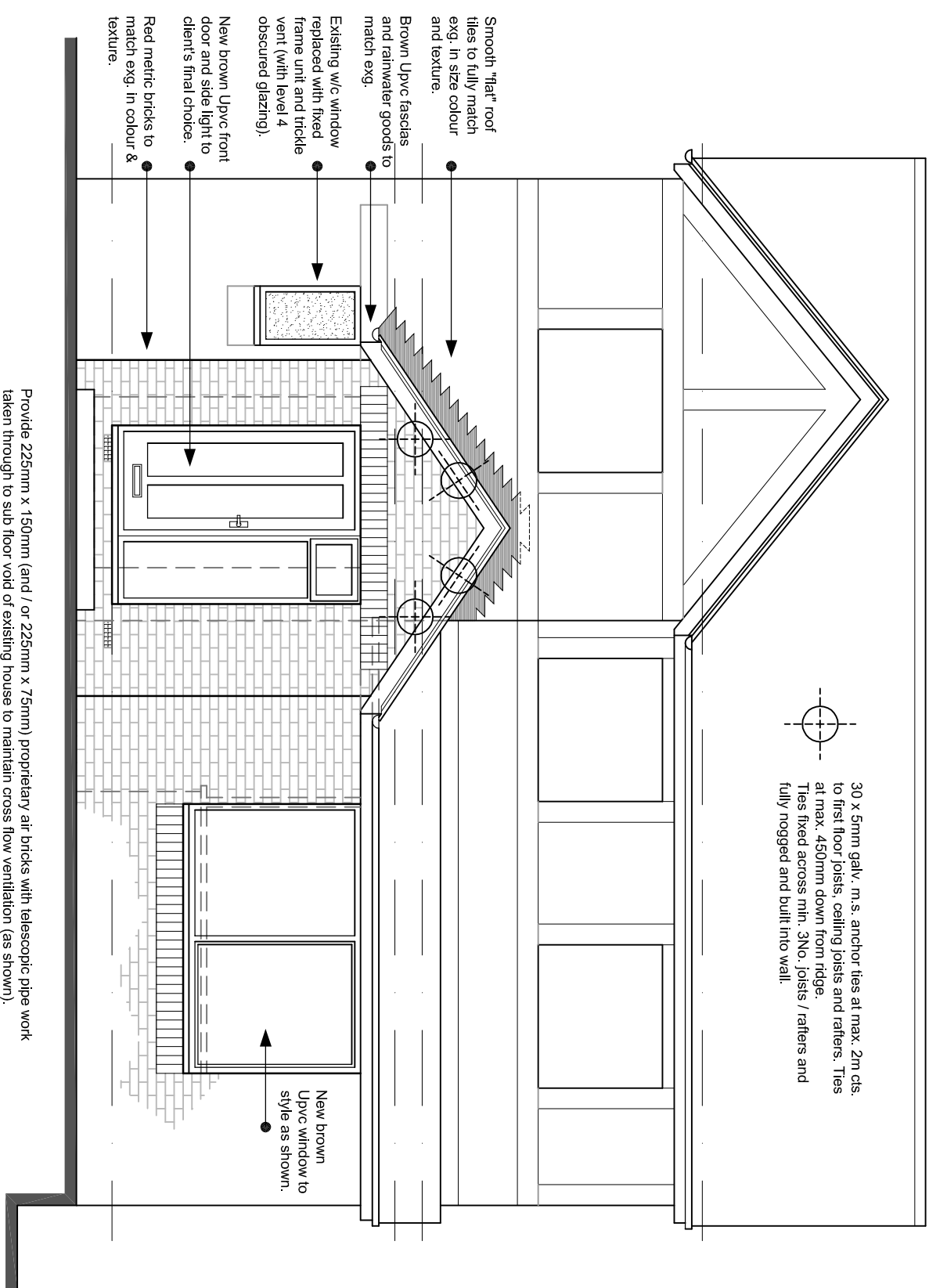
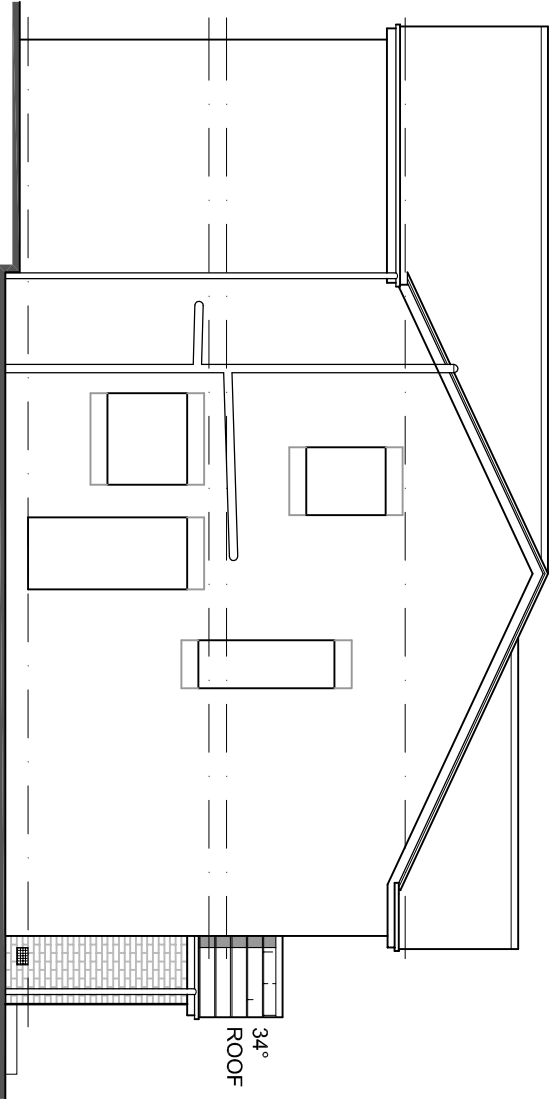


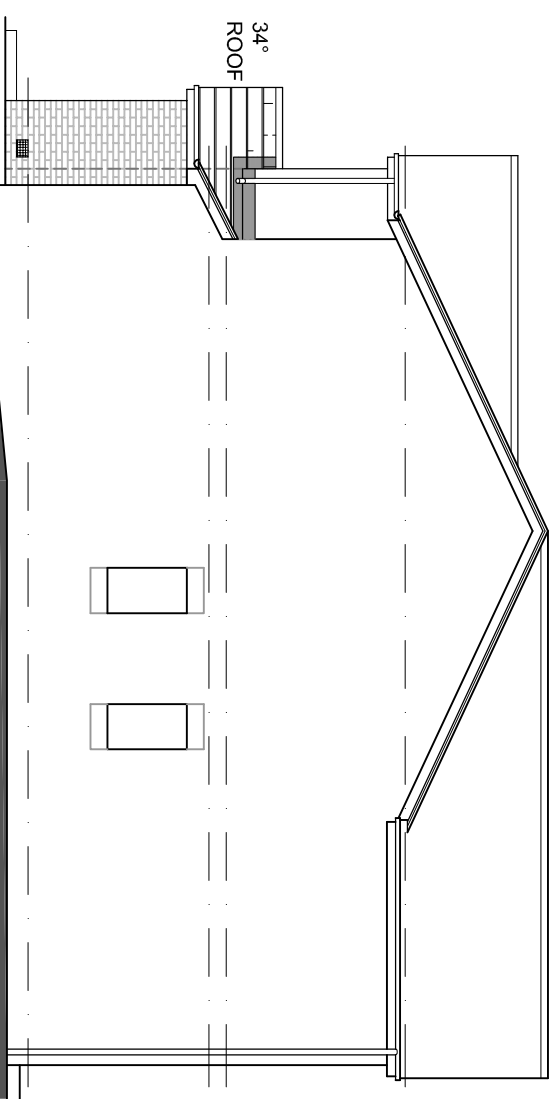


front elevation Scale: 1/100

NOTE:
This drawing must be read in conjunction with
Engineers Calculations, Plans & Sketches.



side elevation Scale: 1/100



side elevation Scale: 1/100

ROOF CONSTRUCTION

Roof tiles (as specified on elevations) laid to roof pitches as specified on elevations to be fixed in strict accordance with manufacturers recommendations and prevailing site conditions on 50 x 25mm pressure impregnated SW Battens, gauge to the manufacturers recommendations, on breather type roofing membrane, ie. Kingspan Nliveni, Dupont Tyvek or similar approved other membrane draped over rafters (refer to sections for clarification), lapped 75mm horizontally and 150mm vertically carried into gutters and secured with galv. clout nails, cut and dressed around penetrations to CP144 Part 3. Refer to sections, plans and elevations for size, spacing and type of rafters & ceiling joists to each extension. Eaves to be ventilated with proprietary eaves ventilators to give min. equivalent of a 10mm or 25mm continuous air space to new roof eaves and 5mm continuous air space at apex (refer to sections for details).

Min. 50 x 100 SW wall plates (or deeper to course with existing) fixed to inner leaf wall. Rafters over fixed down with MS vert. twist galvanized straps at 500mm from corners and then at max 2000mm cts built into or fixed to wall min. 1000mm down. Gable ends strapped with MS straps at 1800mm cts over ceiling joists and at 1800mm cts over rafter and max. 450 from apex (all fixed to full blocks). Straps to be built into inner leaf and secured across minimum 3 No trusses on noggins.

Trap hatch(where required) 750 x 550 formed within 50 x 75mm trimmers. Hatch to be insulated and draught proofed. All pipes in roof space to be insulated.

Eaves filler and clips where appropriate to suit profile of slates. Code 4 lead flashings, soakers and horizontal and stepped cavity trays to all abutments. No combustible materials to be used within 50mm of any flue.

300mm fibreglass insulation (laid in two layers - top layer laid at right angles over joists) over 15mm plasterboard ceiling with plaster skin finish to give min 'U' value of 0.16 W/m² °C.

VENTILATION (See also notes on layouts)

W/C to be fitted with mechanical extraction of min. 6l/s via proprietary extract fan taken to outside (side wall) and to work via independent switch with 15min. overrun.

Extract ductwork that enters the roof void shall be flexible, insulated and incorporate a condensation trap.

- Provide trickle vents to heads of windows to give free air of:-
- 10,000mm² to Lounge.

All newly formed habitable rooms must have at least one ventilation opening with an area of at least 1/20th of the floor area of the room or space. Some part of the ventilation opening to be at least 1.75 m above the floor. Ventilation opening must open at least 30 degrees.

HEATING & PLUMBING

Installation to comply with Model Water By-Laws 1986. Gas fire flame, if provided, to be minimum 225mm above finished floor level. Balanced flue terminal less than 2m above G.L. to be fitted with wire mesh guard. Existing boiler to be confirmed capable of accommodating new rooms or replaced with an 'A' rated condensing type giving a minimum SEDBUK rating of 90.7% with fan assisted flue. New radiators to have thermostatic radiator valves (except Bathroom/Ensuite). A durable notice containing information on the performance capabilities of heat producing appliances, should be provided and fixed in a suitable place in the building for the purpose of enabling combustion appliances to be safely installed, fitted and certified by a GAS SAFE registered gas installer.

ELEVATIONS

REVISION:

Layout amended to clients instructions.

Rev	A	By	TTB	31/05/2019
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Front elevation correctly titled.

Rev	B	By	TTB	13/06/2019
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PROJECT

PROPOSED EXTENSION

AT
11 SPRINGWOOD CLOSE
THURGOLAND
SHEFFIELD
S35 7AB

FOR

MR & MRS ANDERS

SCALE (A3)
1/50 + 1/100

DATE
MAY 2019

DRAWN
TTB

PROJECT NO

418

DRAWING NO

03

REVISION

B

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