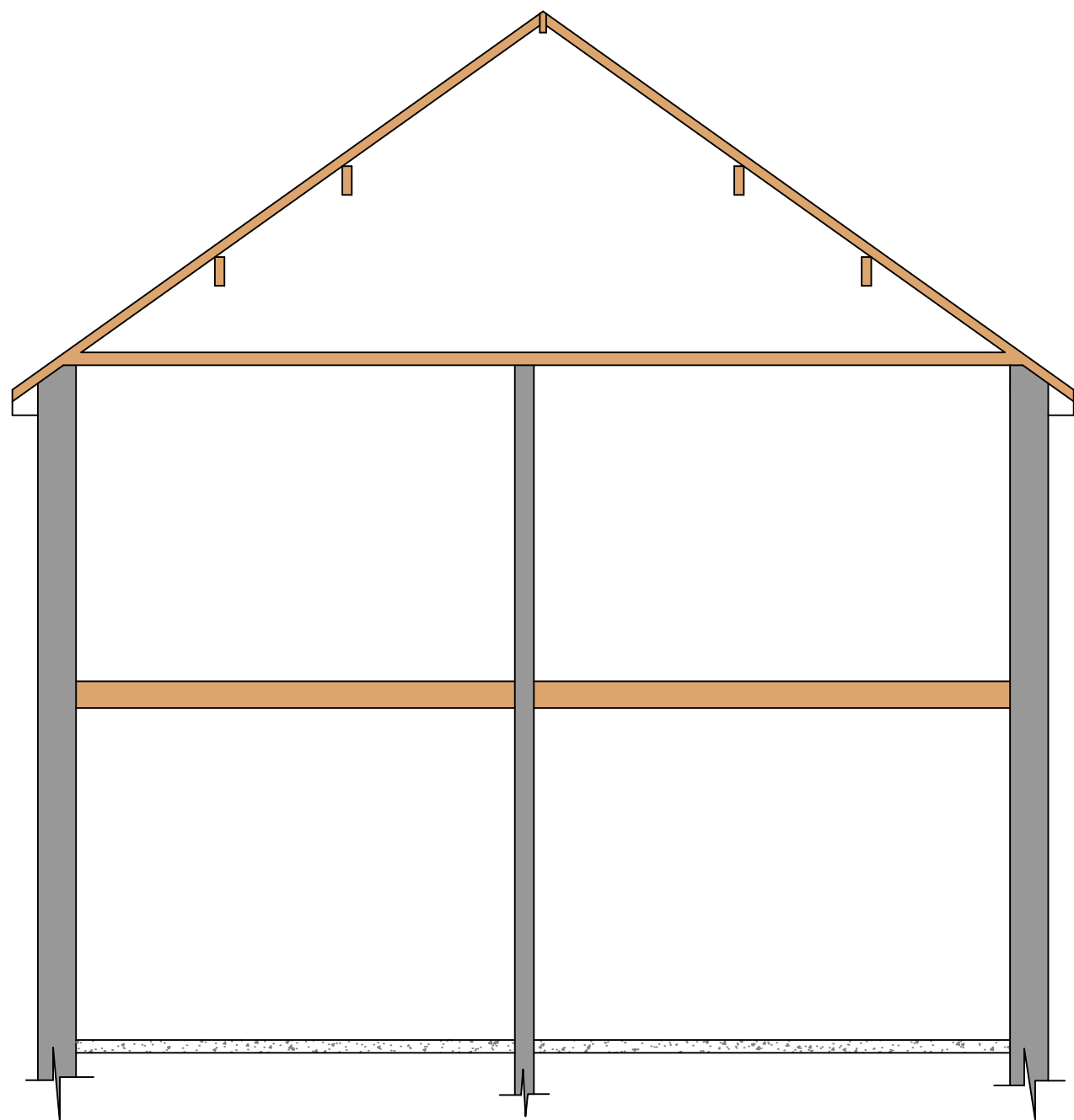


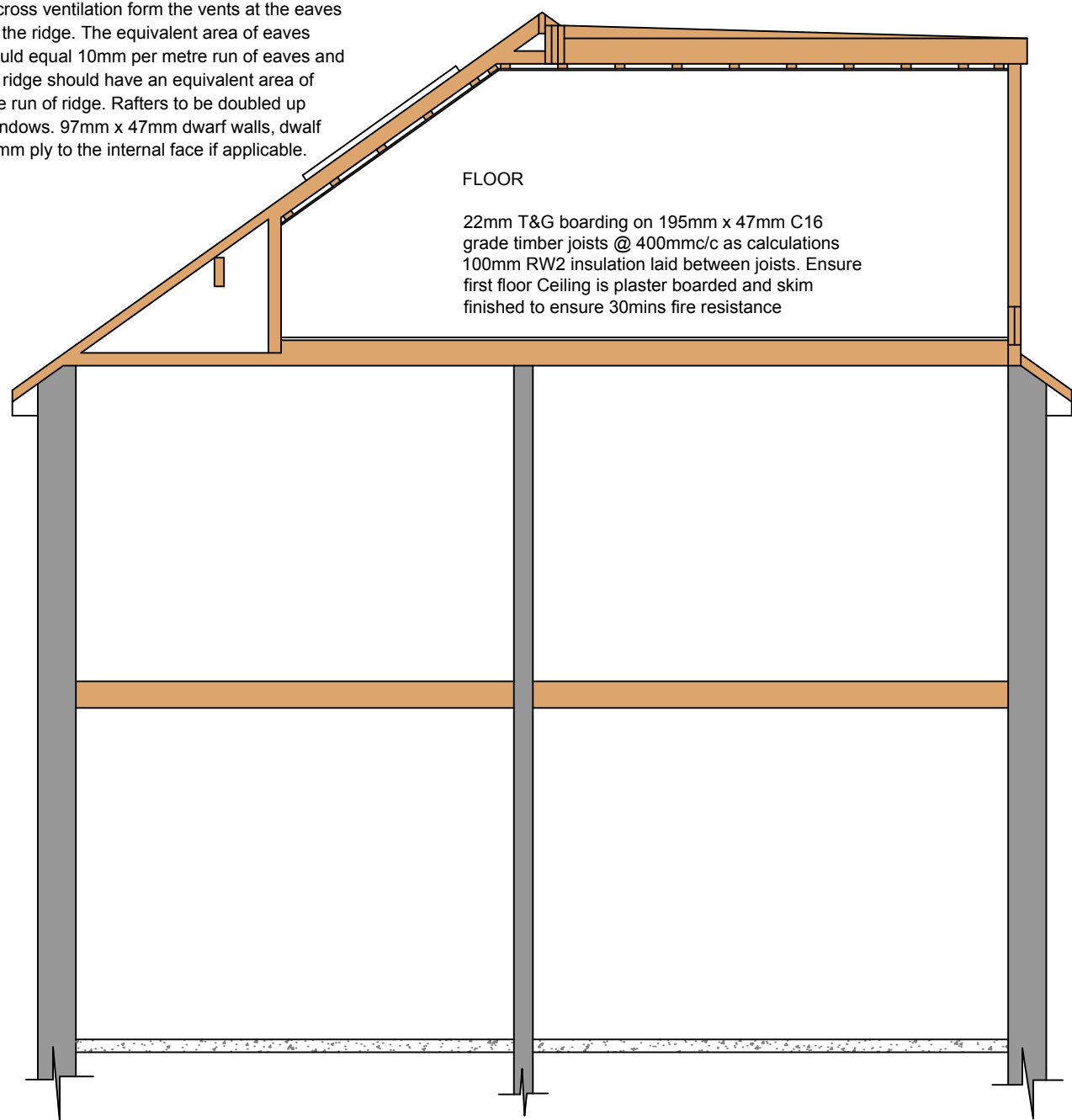


ROOF

Upgrade original house rafters to 97x47mm elevation & ceilings - 100mm insulation board with a layer of Multi-Layer insulation fitted to manufactures details including all joints fully taped to form a continuous AVCL. Min 50mm air space, Multi-Layer insulation to dwarf walls, 12.5mm plasterboard with skim finish. Ensure void area is provided with cross ventilation from the vents at the eaves to the vents in the ridge. The equivalent area of eaves ventilation should equal 10mm per metre run of eaves and at vents at the ridge should have an equivalent area of 5mm per metre run of ridge. Rafters to be doubled up around roof windows. 97mm x 47mm dwarf walls, dwarf wall to have 6mm ply to the internal face if applicable.

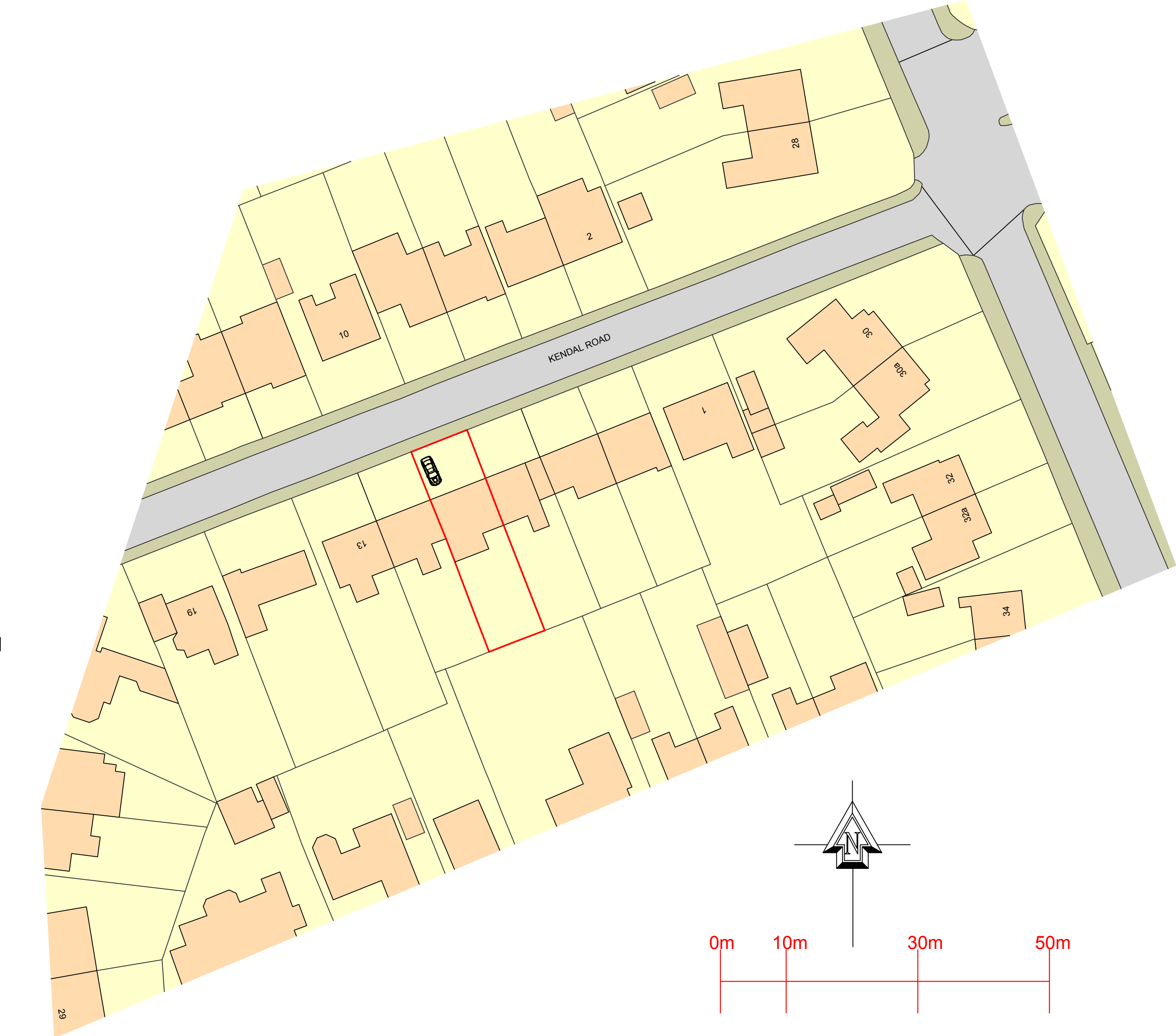
DORMER ROOF

Rubber roof covering with a destination of BROOF T4 on 19mm boards with falls, 170mm x 47mm C16 grade joists at 400mm c/c. 100mm insulation board with a layer of Multi-Layer insulation, counter battens plasterboard and skim finish.

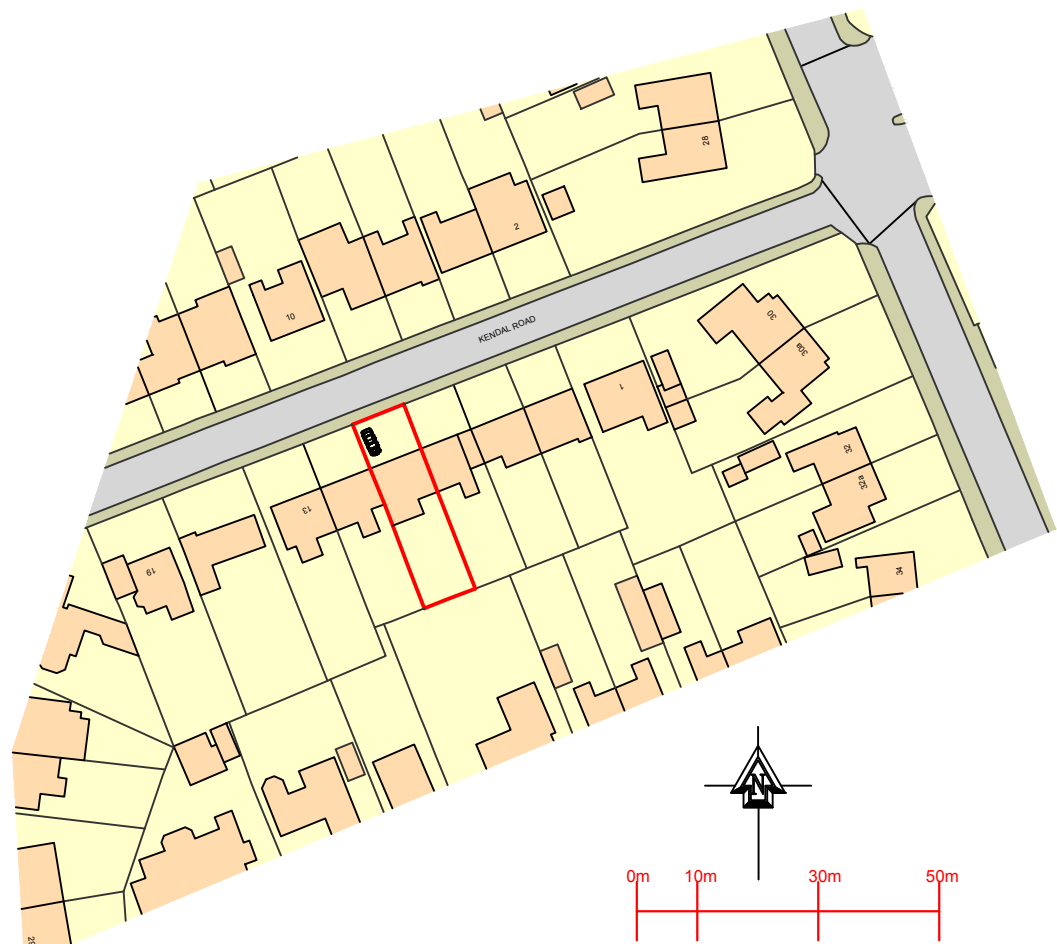
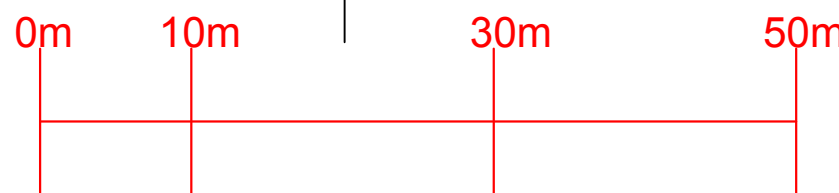
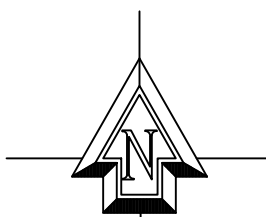


FLOOR

22mm T&G boarding on 195mm x 47mm C16 grade timber joists @ 400mm/c as calculations 100mm RW2 insulation laid between joists. Ensure first floor Ceiling is plaster boarded and skim finished to ensure 30mins fire resistance



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DORMER SIDES

Tile on exterior ply on 97mm x 47mm stud frame at 450 c/c. Vapour barrier plasterboard & skim finish 100mm PIR or 100mm rockwool between stud, a VCL and then a multifoil. 170mm x 97mm header beam. 9.5mm master board behind tiles to cheek of boundary. Breathable membrane between the tiles and sheathing.

GABLE WALL.

Brickwork to match, internal leaf to be constructed from 97x47mm timber stud frame built off existing wall. stud frame to be full filled with 100mm Celotex GA400 insulation 9.5mm plywood to stud frame, vapour barrier, plaster board with 3mm skim finish.

Form room in a roofspace as shown.
(DS) Provide mains operated smoke detectors linked as shown.
Refer to calculations for beam/joist sizes.
Velux roof windows and windows to be double glazed with Pilkington K E glass and have trickle vents fitted giving min 8000mm² openers, min $\frac{1}{20}$ th opening lights, draught seals to be fitted.
Enclose staircase in 100mm x 50mm studding 12.5mm plasterboard both sides.
Stud walls to room sides to have vapour barrier with taped joints and fibreglass insulation if applicable.
Form staircase 800mm wide 208mm rise 231mm going min 50mm winder width min 2.0m headroom/1.80m minimum as diagram 3 Part K handrail/balistrade min 900mm high max gap between balistrades 100mm.
All habitable first floor windows to be escape quality and between 800 & 1.1m high from finish floor level
Internal stud walls 68mm x 38mm studs with 12.5mm, plasterboards with 3mm skim finish with a density of 10kgm²
If work is not commenced before the 15th June 2023 consideration should be taken that parts F, L,O & S amendments come in to force notes may need amending to suit.
Beams which use the existing party wall for support to be fitted with 12.5mm fireline boards for fire stop purposes.
If the existing chimney breasts serve appliances burning solid fuel, The proposed timber frame (or other combustible material) should be at least 200mm from the inside face of the flue liner or 40mm from the outside face of the chimney.

Hollow type doors "egg crate" to be replaced with solid doors, 3 hinges and point 3 being applied below if relevant.
Glazed doors, unless Pyro or Georgian wired are not retained or proposed and if retained upgraded to fire resisting glazing and point 3 applied.
Where an existing door is retained for "historical or architectural merit" and of suitable solid construction and provided the doors are a tight fit within the casing no more than 4mm sides and head, any rebate is thickened to prevent the passage of smoke, room side is treated with intumescent paint or similar and panels less than 4mm thickened or completely over boarded room side with 30 minute fire resisting material.

Gable restraint straps should be provided if the original straps have been removed in order to install the new structure
Ensure any existing walls used for loading of beams/structure are suitable to take the addition loads
Mains wired battery backup smoke alarms to be fitted as shown to meet BS5839-6

Mechanical ventilation to be provided to new bathrooms giving Min 15litres per second extraction. All extracts to discharge to external air. fans to have min 15min overrun due to room not having a window.
All drainage to be discussed and agreed on site between principal contractor and inspector.

All materials used should comply with the appropriate British standards or Agreement Certificates.

Standards of workmanship should meet BS 8000 series.
All electrical work to meet changes to PART P April 2013 regulations BS 7671, designed, installed and tested by a competent person, notifiable work will be certified and registered under a competent person scheme such as NICEIC/NAPFIT, a electrical installation certificate will be provided
Proposed landings to new staircase case to be at least as deep as the staircase is wide

Ensure thermal elements do not exceed those set out in Table 3 LB1
Wall Cavity insulation 0.55
Wall external or internal insulation 0.3

Floor 0.25

Pitched roof insulation at ceiling level 0.16

pitched roof insulation between rafters 0.18

flat roof or roof with integral insulation 0.18.

Trim round rooflights with double rafters.

Fit Code 4 lead flashing's and soakers as necessary

Provide slate/tile vents at high/low level as shown.

This drawing is to be used only for Building Regulation/

Planning submission not as a "working drawing" if used as

such all dimensions to be checked on site by contractor.

All work to be carried out to satisfaction of Local Authority.

Prior to commencement of work on site, Principal contractor/

Building Owner to produce a method statement with regard to

safety of occupiers/employees during building operations.

Builder to allow for safe support of existing/ new structure

during contract.

Proposed Loft Conversion at :	
9 Kendal Road Ramsbottom Bury BL0 9SP	
PARTY WALL ACT 1996 Any Person carrying out works affecting party walls, or involving excavations for foundations adjacent to a party wall, should serve a notice on all adjoining owners before work commences. If a adjoining neighbour is concerned about the works, you are advised to engage the services of a private surveyor to act on your behalf in the formal procedures or agreements which are now required by the above act. Failure to comply with the act may result in the adjoining owner taking civil action against you. Please inform the adjoining neighbours of the forthcoming works at your earliest convenience. Party Wall Agreement to be arranged by client.	
CLIENT:	Mr Marcus Greenhalgh
CONTRACT No:	PCE-Greenhalgh-August-23
DATE:	20th August 2023
SCALE:	1:50, 1:500 & 1:1250 @ A1
DWG No:	PCE-Greenhalgh-August-23-Section
L.A:	Bury Metropolitan Borough Council
AMENDMENTS:	DATE:
 40 Queensway Euxton Chorley Lancashire PR7 6PW www.pcedesigns.co.uk info@pcedesigns.co.uk pcedesigns@aol.com 01257 233850: Office 07515878823: Mobile	
PCE DESIGNS LTD	