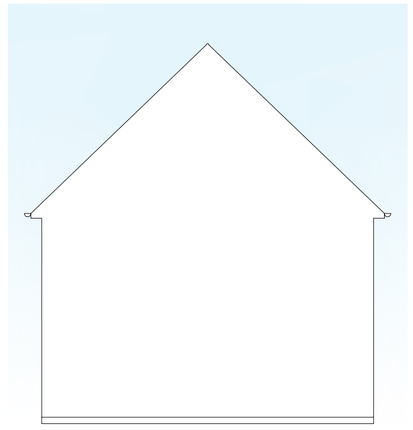


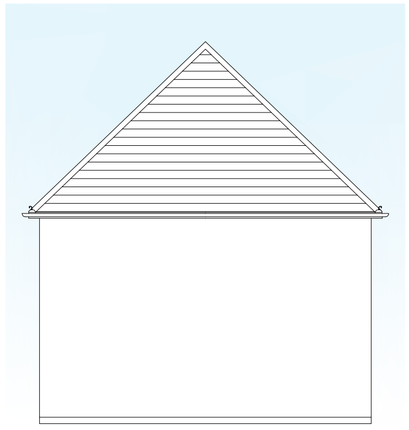
EXISTING FRONT ELEVATION
scale 1:100



EXISTING SIDE ELEVATION
scale 1:100



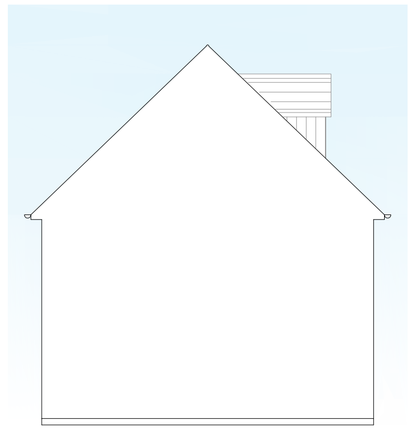
EXISTING REAR ELEVATION
scale 1:100



EXISTING OPP^{I} SIDE ELEVATION
scale 1:100



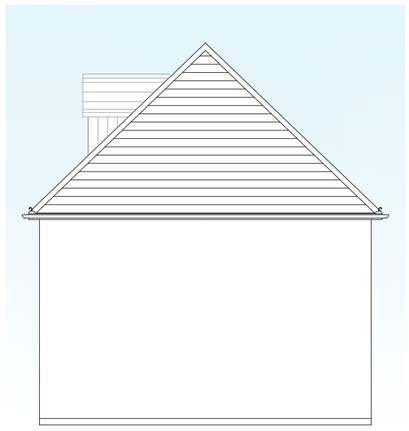
PROPOSED FRONT ELEVATION
scale 1:100



PROPOSED SIDE ELEVATION
scale 1:100



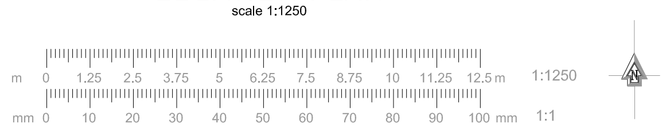
PROPOSED REAR ELEVATION
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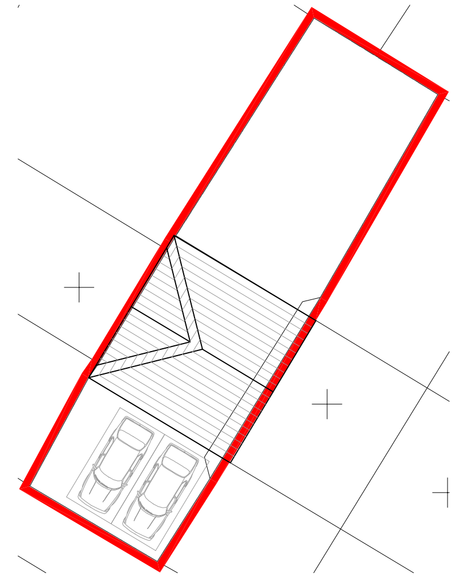


PROPOSED OPP^{I} SIDE ELEVATION
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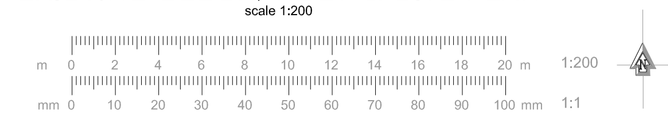


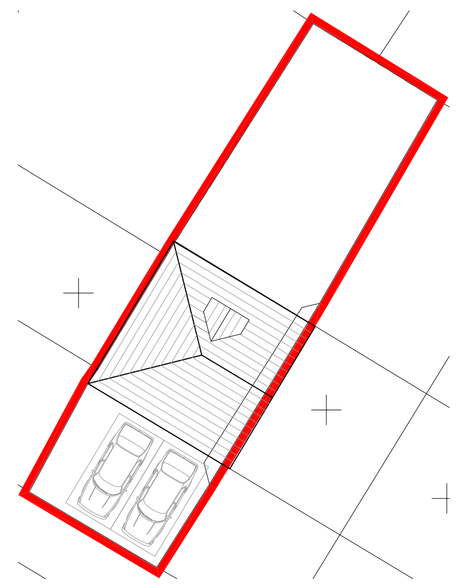
LOCATION PLAN
scale 1:1250



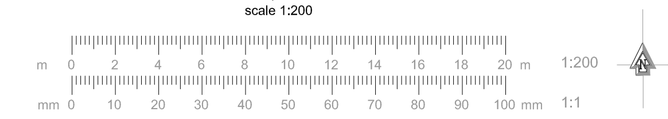


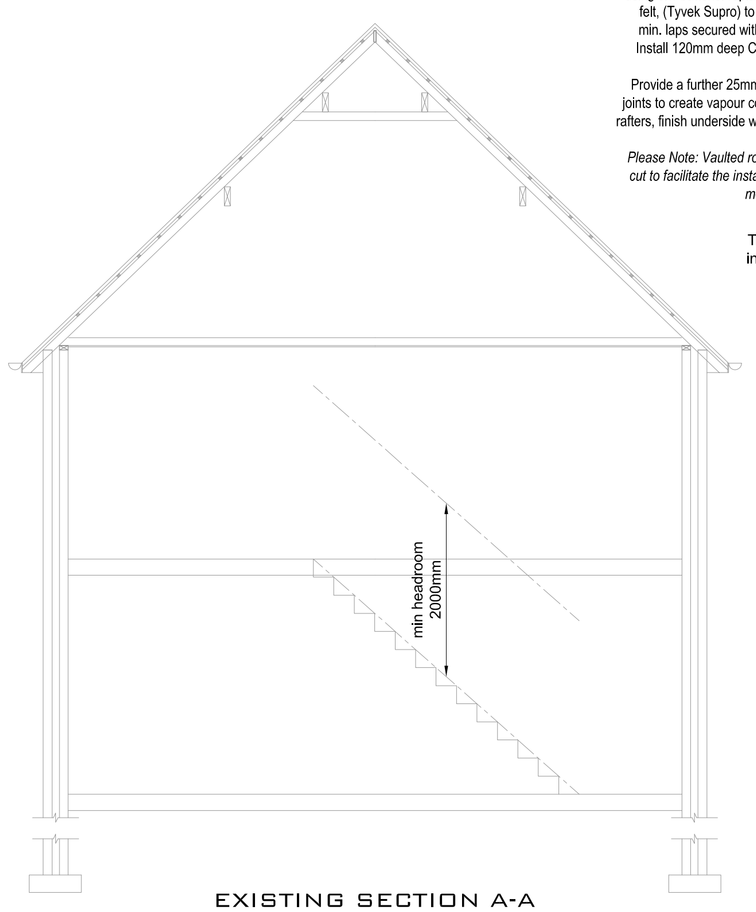
EXISTING BLOCK, ROOF & SITE PLAN
scale 1:200





PROPOSED BLOCK, ROOF & SITE PLAN
scale 1:200





EXISTING SECTION A-A
scale 1:50

Increase depth of exg. 90x40mm rafters to an overall depth of 150mm using s.w battens. replace felt with approved reinforced breathable roofing felt, (Tyvek Supro) to BS 747:1961 draped between rafters with 150mm min. laps secured with clout nails, for insulation below all sloping soffits, Install 120mm deep Celotex XR4000 between rafters leaving min 30mm gap for drape of felt.

Provide a further 25mm thick layer of Celotex TB4000 under rafters, tape joints to create vapour control layer and air leakage barrier to underside of rafters, finish underside with 12.5mm Knauf Wallboard or 15mm plaster and skim.

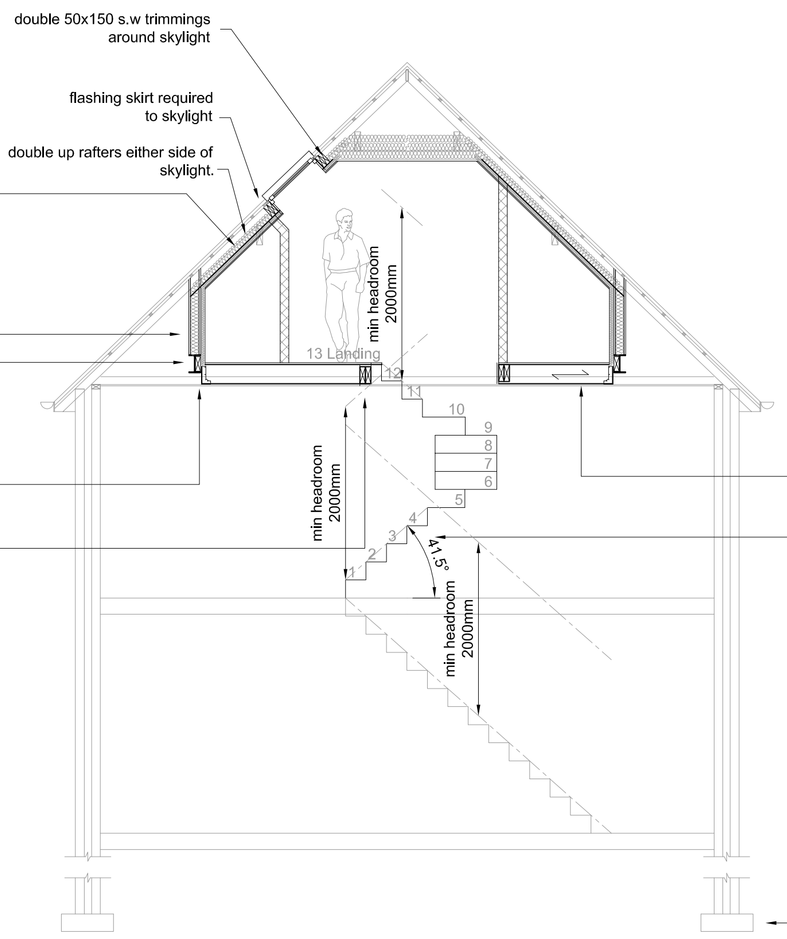
Please Note: Vaulted roof - VCL or insulation should not be penetrated or cut to facilitate the installation of downlighters. Consider installing surface mounted downlightslights or slim surface downlights

Timber stud wall,provide 100mm kingspan insulation to timber walls, provide a further 40mm insulated backed plasterboard to inside face of timber frame

Steel beams and padstones to S.E's details.

heavy duty joist hangers req'd

double or treble 63x220 trimmers around stair void, to be confirmed via s.E's calculations



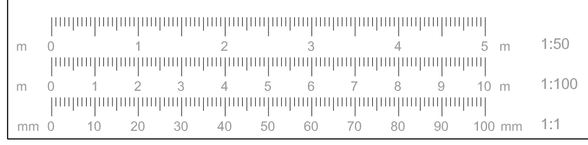
PROPOSED SECTION A-A
scale 1:50

Second floor laid level using 22mm T&G timber floorboards or chipboard on 72x220mm C24timber joists at max 400mm ctrs. Double up under parrallel partitions. Provide strutting at ⅓ spans.

Where joists are fixed to gable walls, provide lateral restraints to first floor joists and strutts using 30x5mm mild steel anchors fixed to blockwork at maximum 2000mmm ctrs. Provide 100m thk. mineral wool inlay between all joists. Ceilings to underside of joists to be 15mm plasterboard with skim finish.

Stair specification:-
Overall rise approx 2712mm please contact Pro-TECH Architecture Ltd if there are any discrepancies.
Goings 235.8mm risers 208.6mm pitch 41.5° clear width 800mm spindles in handrail to have gaps no bigger than 100mm Handrail to be 900mm above pitch line on risers and 1000mm above ffl on landings
Goings on winders to be kept uniform and should be at least 235mm measured in the middle with a min going at the narrow end of no less than 50mm.

Exg. foundations to be expoosedto prove suitable for additional loading



1. Do not scale the drawings.

2. Figured dimensions only are to be taken from the drawings. All dimensions & angles are to be checked on site prior to any work. If in doubt ask.

3. The drawings are metric drawings & all dimensions are in millimetres (unless otherwise stated).

4. Report any discrepancies to Pro-TECH immediately.

5. All drawings are to be read in conjunction with other related information &/or relevant Consultants drawings where applicable.

6. This Specification & the design drawings are copyright & must not be copied without the written consent of Pro-Tech.

7. Electrics: Lights and sockets to clients specifications and I.E.T.Regs. All electrical work required to meet the requirements of Approved Document Part P (Electrical Safety) and must be designed, installed, inspected and tested by a person competent to do so. Prior to completion, the Building Control Consultant needs to be satisfied that Part P has been complied with. This may require an appropriate BS7671 electrical installation certificate to be issued for the work by a person competent to do so. 75% of all new light fittings to be energy efficient.

8. Timber: All timber to be stress graded and stamped, kiln dried (KD).

9. Windows/Ventilation: New windows to achieve minimum 'u' values of 1.4 W/m²k with minimum 20mm gap between panes in timber or PVCu sealed units and have maximum total area 25% of total floor area. Ventilation provided by opening lights of 1/20th minimum floor area and minimum 8000mm² trickle vent in window head. Lintels over windows/doors to be Keystone type requiring 150mm end bearing unless noted otherwise and have half hour fire protection using 2 No. layers of 12.5mm plasterboard and plaster skim finish. Keystone lintels filled, full length, with polystyrene insulation. Draught proof stripping to fitted to all opening windows and any loft hatch. All glazing in critical locations on internal and external walls must to conform to BS EN 12150, protection against impact, i.e glazing below 800mm and up to 1500mm in doors extending 300mm horizontally each side.

10. Roof: Tiles and headlap to match existing on 50mm x 25mm treated soft wood battens, fixed with wire nails. Approved reinforced breathable roofing felt (Tyvek Supro) to BS 747:1961 draped between rafters with 150mm min. laps secured with clout nails, on timber rafters fitted to 100mm x 75mm timber wall plates at maximum 600mm centres using pressed steel brackets provided by manufacturer.
Valley gutters to be formed using lay boards and code 5 lead flashing with 225mm min laps under tiles and over fillets, Valley lead laps lengths not to exceed 1.2m

Heating:
New rooms to be heated using rads fitted with thermostatic radiator valves. Fed from exg. boiler
Any alterations to heating /hot water system to be carried out by Gas Safe registered plumber. Any new boiler to be condensing boiler with balanced flue and full controls should be incorporated.

Escape Window(s):
To have an unobstructed opening of at least 0.33m²
and at least 450mm (w) x 735mm (h)
The bottom of the opening should be not more than 1100mm and not less than 800mm above floor level.

Front facing dormer replaced with a skylight	A	27/09/2022
Description	Rev	Date

DWG No.
L36 3RB/127/01 Rev A

TITLE
ELEVATIONS, SECTIONS & SITE PLANS

PROJECT
Proposed Development to
127 Liverpool Road
Huyton
L36 3RB

CLIENT
Mr. S. Smith

DATE	04/08/2022
SCALE AT A1	AS SHOWN

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