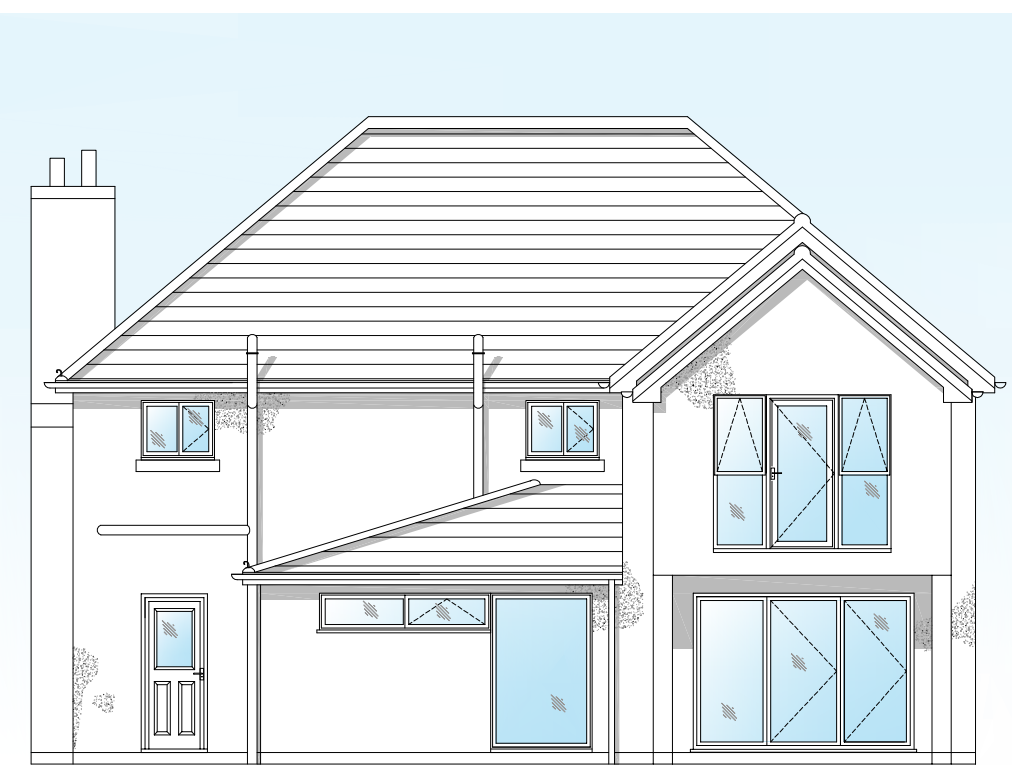




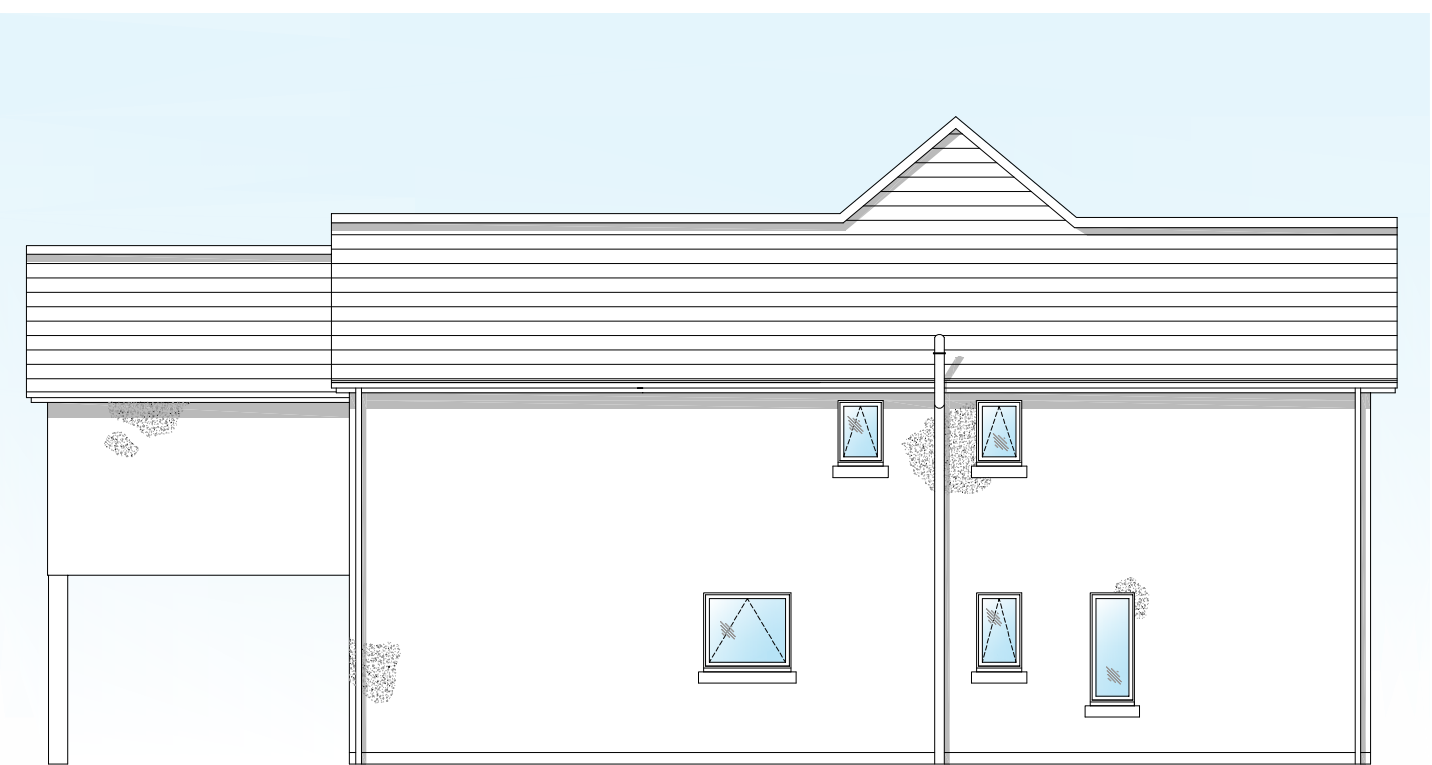
EXISTING FRONT ELEVATION
scale 1:100



EXISTING SIDE ELEVATION
scale 1:100



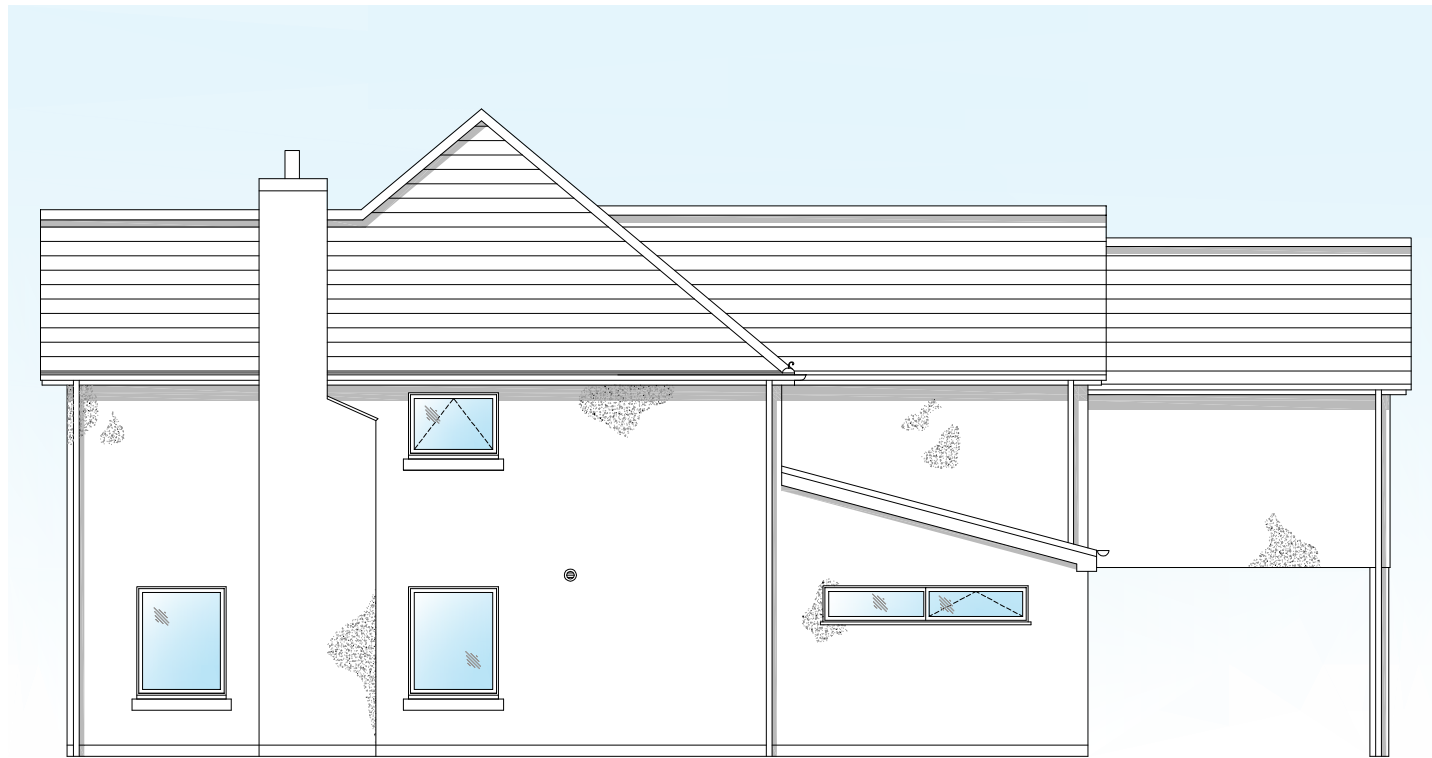
EXISTING REAR ELEVATION
scale 1:100



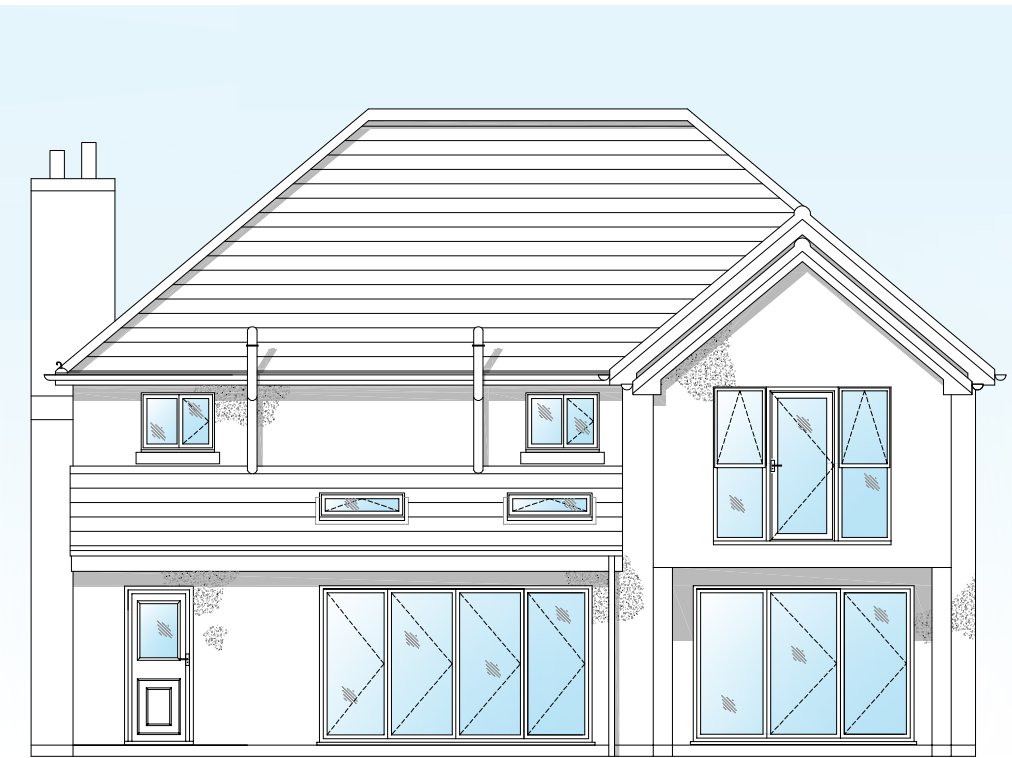
EXISTING OPP¹ SIDE ELEVATION
scale 1:100



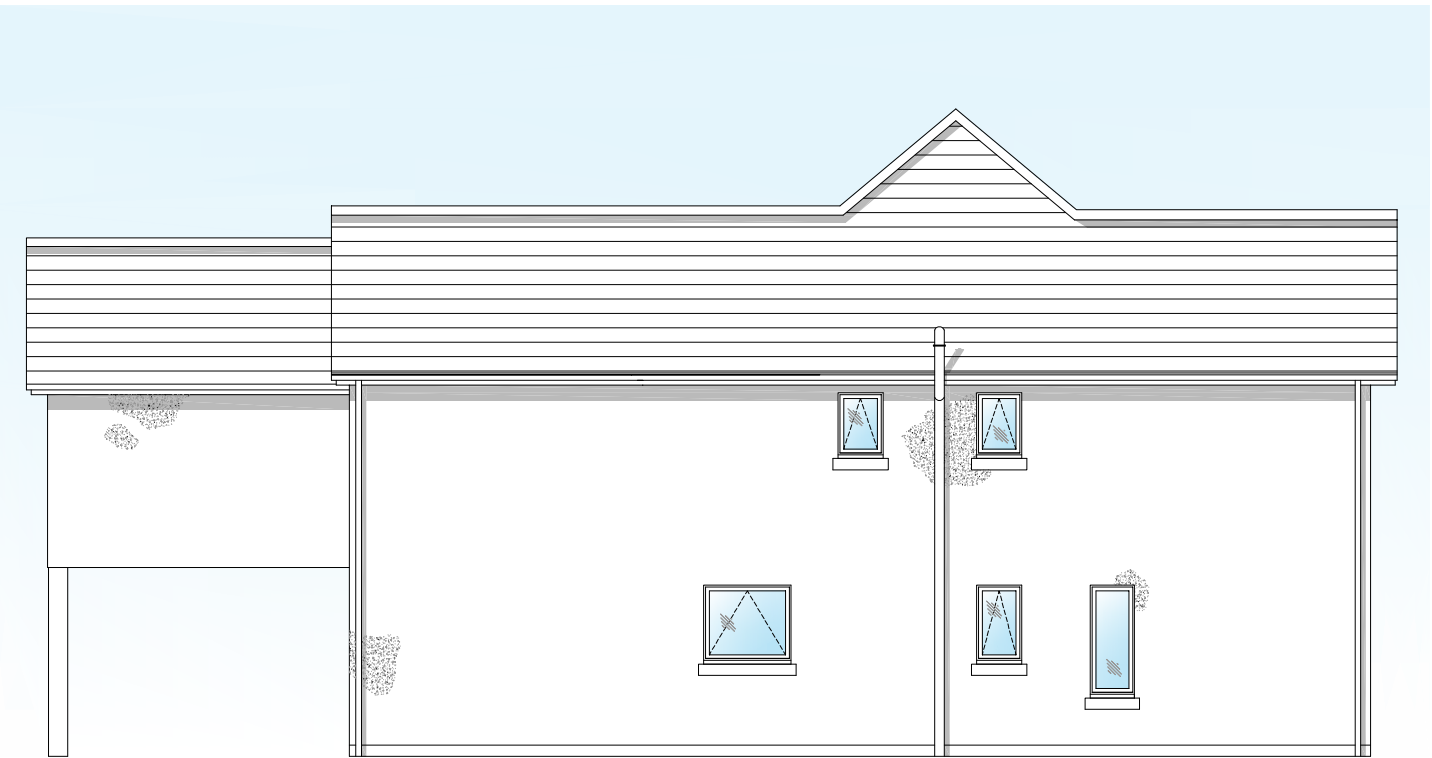
PROPOSED FRONT ELEVATION
scale 1:100



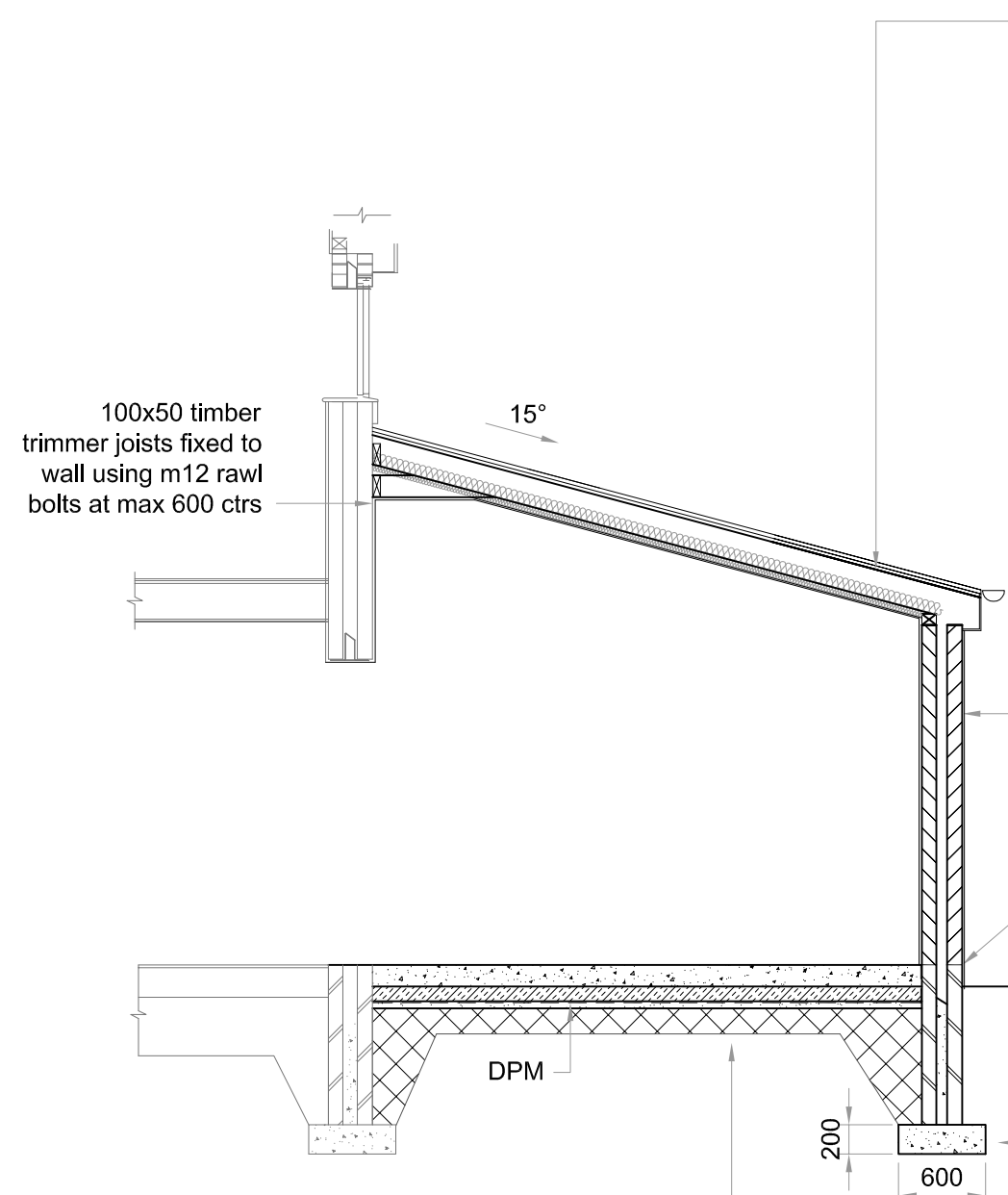
PROPOSED SIDE ELEVATION
scale 1:100



PROPOSED REAR ELEVATION
scale 1:100



PROPOSED OPP¹ SIDE ELEVATION
scale 1:100



SECTION A-A
scale 1:50

Install 44x195 C24 rafters at 450mm ctrs. to be secured top & bottom using truss clips
Approved reinforced breathable roofing felt (Tyvek Supro) to BS 747:1961 draped between
rafters with 150mm min. laps secured with clout nails. Install 120mm deep Recticel
Eurothane GP between rafters leaving min 30mm gap for drupe of felt.
Provide a further 50mm thick layer of Recticel Eurothane GP under rafters (to achieve 'u'
values of 0.15 W/m²K), tape joints to create vapour control layer and air leakage barrier to
underside of rafters, finish underside with 12.5mm plaster and skim.
*Please Note: Vaulted roof - VCL or insulation should not be penetrated or cut to facilitate
the installation of downlights. Consider installing surface mounted downlights or
slim surface downlights*

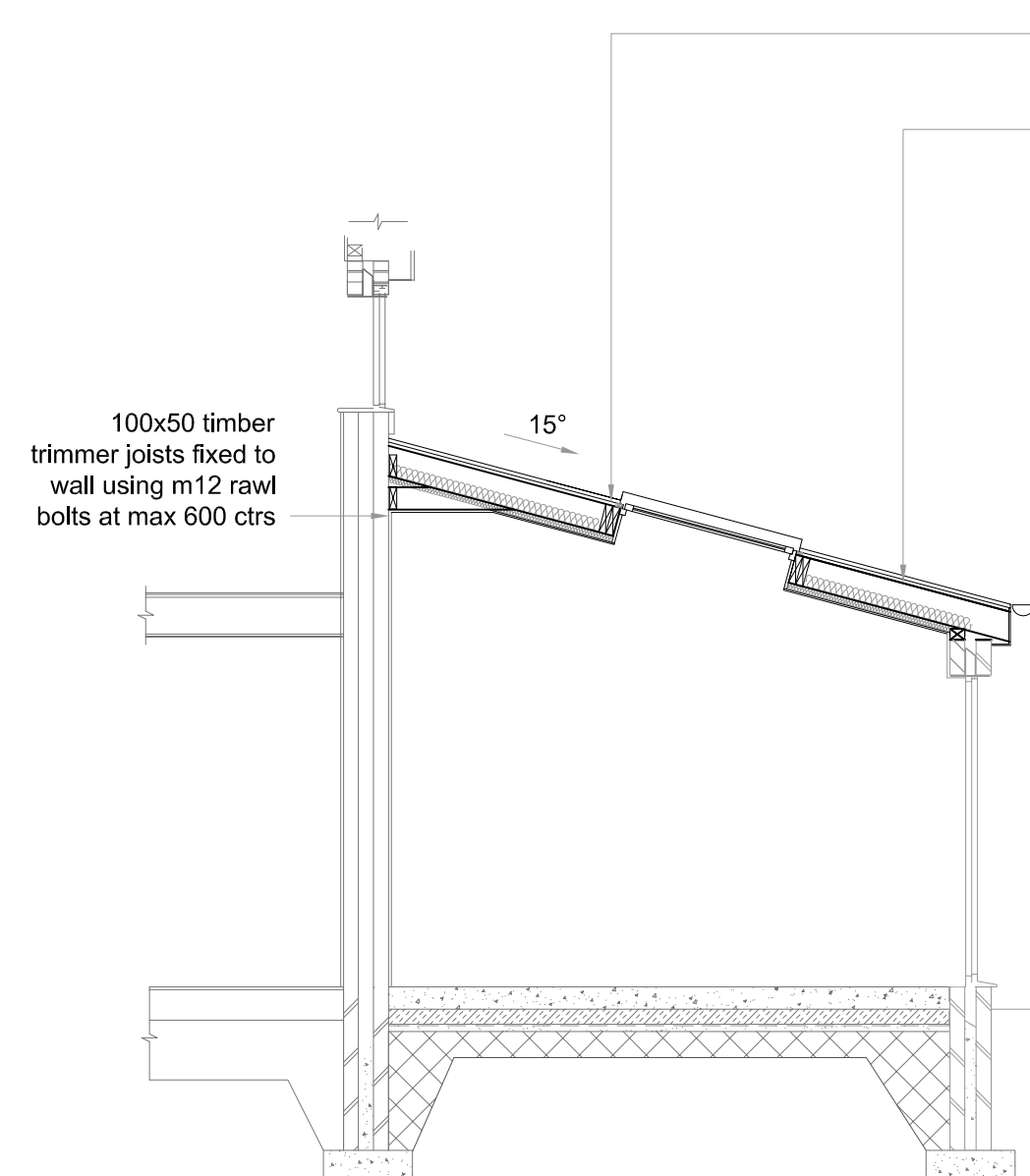
WALL CONSTRUCTION:

Cavity wall comprising of: 100mm Thermalite Turbo concrete block to be rendered to match
existing, 100mm cavity filled with 90mm thickness Recticel Eurowall Plus cavity wall
insulation board (to achieve 'u' values of 0.18 W/m²K); stainless steel wall ties (5 No. per m²
& at staggered ctrs.- double up wall ties around all opening reveals); 100mm Thermalite
Turbo concrete block inner skin; dense conc. foundation blocks or common bwk. below g.l.
with fine conc. cavity fill terminating 225mm below dpc; Hiloal pitch polymer dpc; min
150mm above g.l. for both skins; Lap & seal inner skin dpc to floor dym. 100 x 75mm wall
plates tied to inner skin with 38 x 5mm galv. steel straps spanning 600mm of wall & at 2m
ctrs. Galv. steel lintels by Keystone Lintels Ltd. With cavity tray dpc's over & external weep
holes
New brickwork to be bonded to old using wall ties or similar approved method. Intersecting
walls to create continuous cavities.
All openings in external cavity wall to have vertical dpc's; cavity wall will be closed around all
openings & at plate level with special PVCu insulated cavity closures by Thermabate or
similar & approved to prevent cold bridging; ensure cavity wall insulation board terminates
150mm below finished floor level; ensure that no mortar snots or other debris fall between
cavity board to bridge skins of wall. Finish internally with 12.5mm plaster and skim. Ensure
cavity wall insulation abuts roof insulation to reduce cold bridging

GROUND FLOOR CONSTRUCTION

Laid level with existing using tiles or asphalt finish on 150mm thickness concrete on polythene
separation layer on 100mm thickness Recticel Eurothane GP insulation (to achieve 'u' values
of 0.18 W/m²K) on, 1200 gauge Visqueen damp proof membrane on 50mm sandblinding,
finished fully level & smooth; 150mm layers of clean & sulphate free consolidated hard-core to
a maximum depth of 600mm.
All new hard-core must be clean & free of all wood, vegetation etc. Second-hand hard-core
shall not be permitted.
NOTE 1- Should new floor cover existing air bricks for sub-floor ventilation, then the existing
air bricks are to be ducted to new air bricks on new external wall to maintain cross ventilation.

NOTE 2- Provide perimeter insulation to exposed walls by installing 20mm Kingspan
Thermafloor TF70 zero ODP perimeter insulation upstand insulation strips for the depth of the
screed at the abutment of the screed to wall junctions.



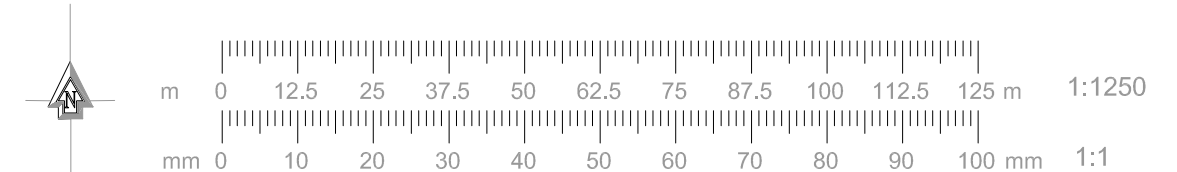
SECTION B-B
scale 1:50

Double 38x150 s.w trimmings around skylight
Flashing skirt required to skylight
Double up rafters either side of skylight.

Install 44x195 C24 rafters at 450mm ctrs. to be secured top & bottom using truss clips
Approved reinforced breathable roofing felt (Tyvek Supro) to BS 747:1961 draped between
rafters with 150mm min. laps secured with clout nails. Install 120mm deep Recticel
Eurothane GP between rafters leaving min 30mm gap for drupe of felt.
Provide a further 50mm thick layer of Recticel Eurothane GP under rafters (to achieve 'u'
values of 0.15 W/m²K), tape joints to create vapour control layer and air leakage barrier to
underside of rafters, finish underside with 12.5mm plaster and skim.
*Please Note: Vaulted roof - VCL or insulation should not be penetrated or cut to facilitate
the installation of downlights. Consider installing surface mounted downlights or
slim surface downlights*



LOCATION PLAN
scale 1:1250



Amended to suit comments from Building Control and The Planning Department	A	04/02/24
DWG No. WA8 4PH/2/01 Rev A	Rev	Date
TITLE ELEVATIONS & SECTIONS		
PROJECT Proposed Development to 2 Stockswell Road Knowsley WA8 4PH		
CLIENT Mr. S. Liptrott		
DATE 23/01/2025		
SCALE AT A1 AS SHOWN		
PRO-TECH ARCHITECTURE WWW.PRO-TECHARCHITECTURE.CO.UK CONTACT : LEE ROWLEY B.Eng.(Hons) 0151-423-7895 07967836028 20 ELSTREE COURT WIDNES, WAB 3EP INFO@PRO-TECHARCHITECTURE.CO.UK FOLLOW US ON FACEBOOK @PROTECHARCHITECTURELTD		