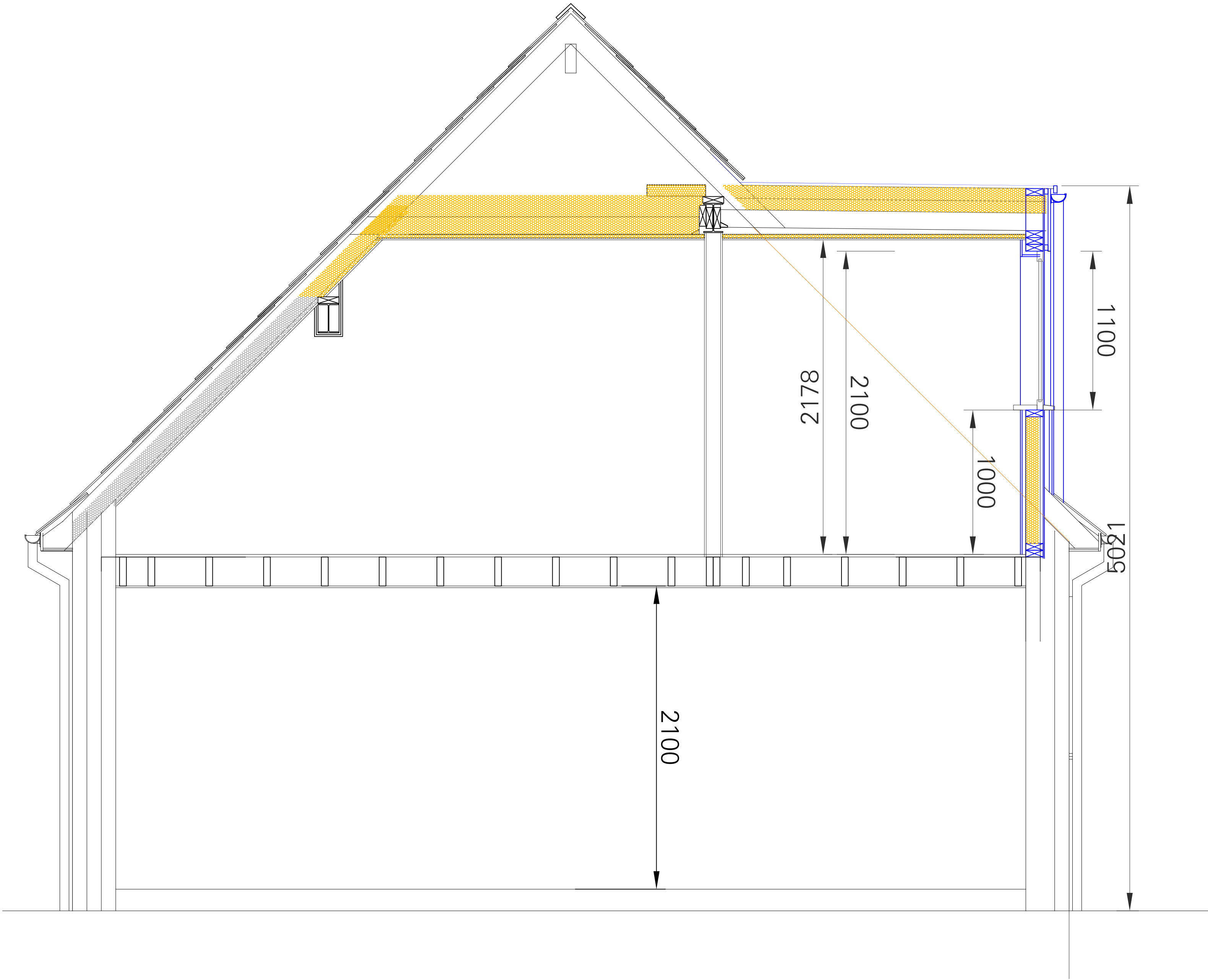


Any discrepancies in dimension or location of objects subject of this contract to be referred immediately to DSDesign prior to any excavation, construction or fabrication on site or off site if the work is dependent on or determined by the information provided on this drawing.



Walls
Timber frame 47 x 122 nom section at ngt 600crs crs 9mm OSB3
outer face 25mm battens and Cedral or similar approved cladding.
between studs nlt 90mm Kingspan K112 insulation with 32mm air
gap and 37mm K118 insualted plasterboard and skim internal
finish to achieve u-value of 0.18Wm2/k.
Panel corner studs secured to base plt with 340 corner bracket in
each frame.
Base Plate screwed to wall plt at ngt 400crs 2no. 6 x 90. Sole
plate nailed to base plate 2no. 4 x 90 at ngt 150 crs.
Galvanised straps to wall plt x 600mm long at ngt 1200crs
screwed to masonry nlt 4no. x 65mm screws plugged.
Abuttment to existing, stud bolted to masonry RAWLOK M10 dia
bolt at ngt 600 vt crs.
Lintel over Dormer window 3no. 47 x 122 C24 timbers nailed 4 x
90 at 150 crs and bearing on 2no. 47 x 140 Cripple studs all
nailed through 4 x 90 150 crs to stud of frame .

Dormer Walls treated similar supported on nlt 3no. 47 x 150 C24
rafters bolted together M12 dia toothed washer plt at ngt 900 crs

Roof
Dormer EDPM on 18mm OSB3 on 80 Kingspan K112 47 x 122
C24 joists at ngt 400 crs laid to 25mm fall. 90 + 80 K112 between
joists and tapered 47 x 72 batten screwed to side to level soffit
under drawn 37mm K118 insulated plasterboard and skim uvalue
0.14Wm2/k.
existing pitched rafters to receive 90 K112 and 37 insulated
plasterboard maintain 50mm air gap under felt.
ceiling joists behind purlin stud line to receive 300mm Rockwool
thermal loft insulation cross laid between and over joists.

ridge to receive dry ridge tile 5mm min continuous vent. eaves to
dormer continuous 25mm vent or equivalent and abuttment of single
storey roof to dormer to have 5mm continuous vent at upstand
behind cladding.

Plumbing
100mm PVCu gutters and 68mm dia rainwater pipe to back inlet
gully. Existing SVP to be maintained.
Waste to sink and wash hand basins to be 40mm, if longer than
2m then 50mm dia. with 75mm deep seal trap or anti syphon
traps as necessary

Lintels and Steelwork
Steelwork to receive nlt shot blast and oxide primer coat and
30minutes fire protection. Gyproc F 15mm or 2no. layers 12.5mm
wall board & skimmed finish.

CDM, Heavy Lifting working at height.

Flashing and Cavity Trays
Use approved proprietary cavity tray and weep holes @ 900 crs
max.
Proprietary cavity tray over lintels to openings.

Ventilation
All Windows and external doors to be double glazed having
opening equal to 1/20th floor area and background ventilation
(trickle vent) of 8000mm2.
Mechanical ventilation to bathroom and ensuites to provide 3 air
changes per hour min 15ltrs/sec with 15min over run.
Kitchen to provide 60ltr/sec

if using suspended floor units, under floor void to pcc units to have
free flow of air through vents nlt 75 x 215mm in garage dividing
wall external rear wall and gable wall at nlt 2000mm crs.

Fire
EW denotes Escape window to new bedrooms.
SHD indicates integrated Mains Operated Smoke and Heat Detector
on plan at ground and first floor.
Together with a compatible interlinked heat detector or heat alarm in
the kitchen, in addition to whatever hardwired interlinking smoke
alarm within the circulation areas at ground and first floor.

All new rooms to be fitted with energy efficient lighting,
alternative,1in4 lights in the property including the extension should
be energy efficient lighting.

All Electrical work to meet the requirements of Part P(Electrical
Safety) will be designed , installed, inspected and tested by a person
competent to so.

APP DOC MA way of satisfying Requirement M1 would be to provide
switches and socket outlets for lighting and other equipment in
habitable rooms at
appropriate heights between 450mm and 1200mm from finished floor
level (see Diagram 29).

Prior to completion the local authority must be satisfied that either:-
An Electrical installation certificate issued under the competent
person scheme has been issued: or
Appropriate certificates and forms defined in BS 7671 (as amended)
have been submitted that confirm that the work has been inspected
and tested by a competent person. A competent person will have
sound knowledge and experience relevant to the nature of the work
undertaken and to the technical standards set down in BS 7671, be
fully versed in the inspection and testing procedures contained in the
regulations and employ adequate testing equipment.

wet heating system extended into extension with suitably sized steel
convection radiators in bed and WC.

Glazing
All safety glazing to conform to BS 6206:1981. where glazing is used
a cautionary note to contractor, that flat safety glass would have to be
used in the following areas.
1. in walls between finished floor and vertical height of 800mm.
2. In doors between finished floor and 1500mm vertical height.
3. Within 300mm either side of a door between finished floor and
vertical hieght of 1500mm.

Windows minimum requirements, to be PVCu double glazed units
with glass as before. Argon filled units 4:26:4. Thermal transmittance
max 1.4W/m² U-value.

CDM notes		
hazard	possibility of injury.	control
steel work		
Heavy lifting	high.	mechanical lifting and support advised.
Excavations		
working at height	na	
concreting		
operations		
foundations and		
screeds		
lifting and burns	na	appropriate PPE.
joinery roof		
and floor		
working at height		
heavy lifting	medium.	appropriate lifting technique PPE

Building Control

Rev 0	Original	Mar 24	
Client	Mr. P.Bennett 35 Tranby Close Wythenshaw M22 9ZB		
Project	Annexe Dormer Extension		
Drawing Title	Proposed Section and Notes		
DSDesign Architectural and Structural Services 47 Elm Grove, Wardle, Rochdale, Lancs, OL12 9LF Tel/Fax 01706 374036 mb 07971 599056 e-mail dsdesign@sky.com			
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