

RISKS FOR BUILDING ELEMENTS:

Stair Opening:-

Risk of falling appropriate safety gear and method of access to be used;

Roof:-

Risk of falling appropriate safety gear and method of access to be used;

Risk of collapse from roof trusses;

Windows:-

Risk of falling from window opening appropriate safety measures to be implemented;

Lifting hazard of lintels and windows appropriate lifting equipment to be used;

Risk of obstruction from ground floor bay windows to elements at higher levels,suitable method of access to be used;

Walls:-

Risk of wall collapse, suitable propping to be used where required

KEY OF SYMBOLS



OBSTACLE  
CONSIDERATION  
ACCESS TO ELEMENTS  
AT HIGH LEVEL

TRUSS DESIGN TO TRUSS  
MANUFACTURERS DETAILS

5mm Continuous  
ridge ventilation

TRUSS DESIGN TO TRUSS  
MANUFACTURERS DETAILS

Warm Pitched Roof Insulation  
100mm PIR insulation between  
150deep trussed rafters  
72.5mm PIR insulation backed plasterboard  
+ Vapour control barrier  
Boxed eaves detail

Rainwater Goods:  
Black Upvc

Proprietary fascia & rafter  
ventilators to manufacturers details  
100x50mm wallplate  
4275 U/S of Wallplate

2647 FIRST FFL  
2400 U/S Joist  
2100 Window Head

10mm Continuous  
eaves ventilation

Cavity Barriers/Fire  
stopping to all cavity  
walls in accordance with  
Approved Document B

0.00 FFL/DPC/DATUM

400mm insulation quilt.  
(100mm laid between chords,  
300mm cross laid over)

5mm Continuous  
ridge ventilation

Note: roof truss to be designed and  
sized by specialist manufacturer.  
Indicative only.

Timber Staircase  
Ground to 1st floor:  
Width o/a strings 1130mm  
Total rise 2647mm  
13 No. risers at 203.6mm  
Gongos at 235mm  
Pitch 41° - Nosing 18mm

DPC 150mm above ground level  
Steps up to maintain +150mm at  
Level Threshold

Ground Floor Construction  
75mm reinforced sand/cement screed on 1200  
gauge vapour control layer on  
150mm rigid insulation board or similar  
approved + min 25mm perimeter insulation on  
1200 gauge DPM with joints lapped 300mm,  
Visqueen or similar approved on  
300mm RC slab to manufacturers details

[for full details refer to construction specification]

SECTION A

REFERENCE SHOULD BE MADE TO SOILS INVESTIGATION REPORT AND ENGINEERING DETAILS FOR THE SITE AND PLOT  
SPECIFIC PROPOSALS DEPENDANT ON GROUND CONDITIONS AND THE STRUCTURAL ENGINEER'S REQUIREMENTS.  
WHERE GROUND CONDITIONS ALLOW PROVIDE GROUND BEARING SLAB, WHERE GROUND CONDITIONS DO NOT ALLOW  
FOR GROUND BEARING SLABS THEN A PRE-CAST SUSPENDED CONSTRUCTION SHALL BE USED REFER TO SITE  
CONSTRUCTION SPECIFICATION.

5mm Continuous  
ridge ventilation

TRUSS DESIGN TO TRUSS  
MANUFACTURERS DETAILS

Dropped eaves detail  
with Warm Pitched Roof Insulation  
100mm PIR insulation between  
150deep trussed rafters  
72.5mm PIR insulation backed plasterboard  
+ Vapour control barrier

Boxed eaves detail

Rainwater Goods:  
Black Upvc

Proprietary fascia & rafter  
ventilators to manufacturers details  
100x50mm wallplate  
4275 U/S of Wallplate

10mm Continuous  
eaves ventilation

Cavity Barriers/Fire  
stopping to all cavity  
walls in accordance with  
Approved Document B

2647 FIRST FFL  
2400 U/S Joist  
2100 Window Head

0.00 FFL/DPC/DATUM

SECTION B

6550 O/A wallplates

Gutter formed with lead lined  
18mm marine ply on 50x50 sw  
timber battens. with cavity tray  
over

5mm Continuous  
ridge ventilation

Note: roof truss to be designed and  
sized by specialist manufacturer.  
Indicative only.

Gutter formed with lead lined  
18mm marine ply on 50x50 sw  
timber battens

Truss junction to be confirmed  
by roof manufacturer

Cavity Barriers/Fire stopping to  
all cavity walls in accordance  
with Approved Document B

Boxed eaves detail

Proprietary fascia & rafter  
ventilators to manufacturers details

10mm Continuous  
eaves ventilation

100x50mm wallplate

Rainwater Goods:  
Black Upvc

DPC 150mm above ground level  
Steps up to maintain +150mm at  
Level Threshold

Ground Floor Construction  
75mm reinforced sand/cement screed on 1200  
gauge vapour control layer on

150mm rigid insulation board or similar  
approved + min 25mm perimeter insulation on  
1200 gauge DPM with joints lapped 300mm,  
Visqueen or similar approved on

300mm RC slab to manufacturers details

[for full details refer to construction specification]

TRUSS DESIGN TO TRUSS  
MANUFACTURERS DETAILS

400mm insulation quilt.  
(100mm laid between chords,  
300mm cross laid over)

2460 ft - u/s joist  
2445 ft - u/s ceiling  
2400 u/s wallplate

1200

900

Foundations to Structural Engineers  
design and Specification

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