

CDM 2015 NOTES

The contractor will require to prepare a construction phase health and safety plan for the work for all operations and taking account of the following residual risks prior to work starting on site.

1. No asbestos survey information is available
2. The existing loft space has fibreglass loft insulation installed
- 3, There may be debris from roosting birds present
4. Working in confined space with restricted exit and entrance(loft)
5. Falling from height through existing first floor ceiling
6. Over loading of existing floor and ceiling with building materials
7. Hot work in confined space
8. Manual handling
9. Safe means of escape for occupants during building operations
- 10 Danger from live existing services within loft space
- 11.Danger from the inhalation dust existing and produced from building operations
12. Trailing leads to power tools
13. Risk of structural collapse when forming stair opening

GENERAL NOTES

1. All electrical work to comply with BS 7671:2008 and 18th edition of IEE Regulations
ENERGY CONSERVATION
All light fittings to be LED or low energy type

2. All windows to be fitted with perma-vents

- 3 All structural timbers to be C16 or C24 pressure treated with an approved preservative as detailed by structural engineer

4. Access to Manual Controls

Electrical fixtures

outlets and controls should be positioned at least 350 mm from any internal corner

light switches to be positioned between 900mm and 1100mm above floor level

sockets and other service points to be positioned at least 400mm above floor level

sockets positioned above worktops to be a min of 150mm above same

Access to Manual Controls

Windows,rooflights, and ventilators

Controls for windows,rooflights ,etc should be positioned at least 350mm from any internal corner and at a height of not more than 1700mm above floor level and not more than 1500mm above floor level if obstructed by kitchen base units

5. All work to comply with the Building (Scotland) Regulations and amendment Regulations current at time of application.
Do not scale from drawings. Only written dimensions to be respected. Where applicable all dimension to be verified on site.

6. Electrical installation to be in accordance with the 18th edition of the I.E.E Regulations and amendment regulations current at the time of application and in accordance with BS7671

7. It is the responsibility of the main contractor to coordinate all components (doors, windows, etc) with relevant structural openings.

8. These drawings are for the purpose of obtaining Building Warrant Approval only and as such all dimensions should be site checked prior to manufacture.

ENERGY CONSERVATION

All light fittings to be LED or low energy type

All heating / hot water pipework to be insulated in accordance with the requirements

of BS 5422: 2009

All radiators to be fitted with TRV's

All taps to have max flow rate of 6lts/ min

W.C. to be dual flush capacity 4.5 lts

DOWN TAKINGS

All demolition work to be carried out in accordance with BS 6187 Building Operations Regulations and Health Safety at Work Act .

All propping to be in place to support first floor prior to forming slapping in existing wall

Any asbestos material should be identified and removed in accordance with the current Asbestos Regulations and Codes of Practice

EXTERNAL DOORS:

External doors to be PVCu reinforced double glazed

units (Black finished externally- white internally)

with 16mm air gap and emissivity value of 0.12

between panes fitted complete with all necessary sub

frames, DPC's etc....

Frame sizes:-

Sizes to be confirmed on site prior to manufacture or order.

External glass to be laminated to comply with secure by design requirements PAS 24 and BS 7950 (1997)

Ensure min. 150mm end rest to lintels.

Vertical DPC to project 25mm into cavity beyond

fire stop/cavity closer and to be returned into door

frame rebate.

Doors to be manufactured to meet reqd. U value of

1.20W/m² K and to be fitted with toughened glass to

B.S. 6262 Part 4: 2005: Class A complete with

all sub frames, ironmongery etc...

Door to be certified to PAS24-2012 standard and

BS 7412:2007 for PVC-U extruded profiles

GLAZING

Glazing within 800mm of the floor level to be designed in

accordance with BS6262:Part 4: 2005

Windows and glazing located in vulnerable locations should be

designed to resist forced entry and have laminated glass or

a similarly robust glazing material.

ROOF SPACE VENTILATION

Roof to be vented at high level with 3 No. Glidevale in Line tilevents (10,000mm²/vent)

complete with 4mm insect screen to give continuous 5mm ventilation.

Eaves to be vented with Glidevale FV 100 over fascia vent with RV 451F

rafter ventilator to give continuous 25mm ventilation.

INTERNAL DRAINAGE

42mm dia high temperature plastic pipework from appliances outwith

wc and connected to 100 mmdia upvc drain pipework with 100mm

dia soil vent pipe at head of drain

Drains to be connected to main sewer via inspection chamber in

accordance with the recommendations of BS EN 752:2008

ELECTRICAL INSTALATION

All electrical works to be designed,

installed, tested and certified

in accordance with B.S. 7671: 2008

and the 18th Editions on the I.E.E. Regs

and amendments.

ELECTRICAL:

Supply and install electrical fittings by MK (or equal and approved) as follows.

13 amp twin flush switched socket plates complete with back

10 amp flush plate switches complete with back boxes.

Pendant light sets incorporating heat resistant lamp holder,

PVCu insulated flexi cable and ceiling rose.

Downlighters as specified by client.

Wireing to new light points, switch points, 13 amp twin socket

points, extract fan, etc....as follows

Wiring to lighting circuit to be 1.5mm² twin and earth insulated cable.

Wiring to socket circuit to be 2.5mm² twin and earth insulated.

All electrical back boxes at party wall to be intumescent type

All electrical works to be designed, installed, tested and certified

in accordance with B.S. 7671: 2008

and the 18th Editions on the I.E.E. Regs and amendments.

FIRE ALARM Category LD2

to comply with BS 5839-5:2019

smoke and heat detectors throughout

the property to be interlinked

and hard wirred permanently to a


circuit with battery back up

notes


Electrical works to be contractors design


electrical legend


 twin 13 amp power points


 switch


 pendant light


 hard wired smoke detector
to comply with BS5839-6:2019

 hard wired heat detector
to comply with BS5839-6:2019

 fire rated LED min 30 min rating
downlighter

 luminaire fitting ip55

 mechanical extract fan
15 lts/sec extract rate

 carbon monoxide detector

client

Mr & Mrs D. MITCHELL
29 ASHGROVE ROAD
KILWINNING
KA13 6PA

project

PROPOSED ALTERATIONS TO
FORM KITCHEN AND DINING AREA
COMPLETE WITH BI-FOLD DOOR
AND OVER CLADDING OF EXTERNAL WALLS
WITH CEDRAL BOARDING AND OVER SHEETING
ROOF WITH INSULATED METAL COMPOSITE
SHEETING

drawing

GENERAL NOTES



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drawn checked

drwg no

DM/SPEC

NOTE

ALL STRUCTURAL WORK TO BE CARRIED OUT IN
ACCORDANCE WITH STRUCTURAL DRAWING 13084-02
AND OTHER ENGINEERS DRAWINGS AS ISSUED