CDM Regulations 2015

The CDM Regulations 2015 apply to this construction project. The client has been made aware of their duties under the regulations and as there will be more than one contractor on site, they have been made aware of the requirement to appoint a Principal Designer to plan the pre-construction phase and a Principal Contractor to plan and manage the construction phase. It contains important information about the project - if it is not present please request it!

A Principal Contractor must be appointed to plan, manage, monitor and co-ordinate the construction phase. The Principal Contractor must provide adequate welfare facilities in accordance with Schedule 2 of the CDM Regulations 2015. Prior to works commencing the Principal Contractor must also

12 of the Regulations. The Principal Designer has commenced the Health & Safety File for the project and this document is to be prepared throughout the construction phase. The file will be reviewed, updated and revised as necessary to take account of any changes on site. This will

reduce risks to peoples health and safety. Note this is not a detailed list of responsibilities but a note to outline duties. For further information the Principal Contractor should contact the Principal Designer or their agent where one is appointed for guidance if required or refer directly to the CDM Regulations 2015.

Site Preparation

Existing Services

The main contractor shall ensure all existing service routes in and around the immediate site are identified and dealt with

Excavations

The contractor shall carry out all necessary strutting and sheering etc. to excavations, structures, buildings, drains and party walls as necessary to ensure the safety for all workmen and surrounding constructions. All works to be to the satisfaction of the Building Control Officer.

Foundations

In accordance with these details by the Principal Contractor. See the Structural Engineers design drawings for further information. Any unexpected ground conditions are to be reported to the Structural Engineer, Principal Designer and client to enable an alternative design to be prepared by a Structural Engineer as required.



Masonry Works Above DPC Level

New External Masonry Walls Above DPC Level

Works above dpc level are to be in strict accordance with the following specification:

Inner and outer skins to be built up off dpc in 100mm wide 7N Plasmor Fibolite blocks where proposed rendered and clay facing brick as approved by the local authority to areas of facing brick. Max. thermal conductivity 0.25W/mK. 102.5mm facing brickwork to form outer leaf in areas as indicated on the drawings. Suitably sized Ancon or equal approved stainless steel cavity wall ties to be built into inner leaf. Ties to be located at 750mm horizontal centres and 450mm spacing vertically staggered. Ancon basalt ties to be used locally to areas of wide cavity. Ties to be provided at 225mm centres vertically to door jambs, window jambs and movement joints. Insulation to consist 150mm (full-fill) Knauf cavity wall slab supported off wall ties, insulation to lap 150mm min. with ground floor insulation as indicated and laid in strict accordance with the manufacturers instructions. Ties to slope towards outer leaf and be in accordance with DD140. Cavity boards to be used as works progress to prevent debris in the cavity. Movement joints to be provided in blockwork leafs at 6000mm max. centres, positions to be advised/confirmed by the Structural Engineer. Movement joints to be tied as specified by the Structural Engineer. All masonry components to be laid in strict accordance with the manufacturers instructions and BS 5628-3 : 2005. Masonry work to be laid stretcher bond in group 3 mortar. U-values to be confirmed by the SAP Assessor

[Scale 1:25]

Ground Floor Construction

150mm thick RC slab reinforced with top A252 mesh, 30mm top cover. Dpm to be turned up wall at abutments and unite with dpc in blockwork leafs. Supply and install Recticel Eurothane GP insulation to area of floor to the thickness as confirmed by the SAP Assessor. Matching spec. 25mm perimeter upstand boards to be provided at internal and external wall abutments to prevent cold bridging. 500 gauge polythene separation layer to be provided over insulation in accordance with the manufacturers requirements and turned up walls at abutments and link with dpm and turned into inner leaf. 65mm sand:cement screed with fibres to be supplied and laid over to entire area. Final spec. of screed to be confirmed by the developer. Ensure that the screed has fully dried before applying floor finishes over (<75% relative humidity or 0.5% moisture content). U-values and final insulation spec. to be confirmed by the SAP Assessor prior to ordering.

Damp Proof Course To Masonry Walls

Continuous dpc to masonry walls to be formed from Caviroll Premium dpc or equal BBA approved product. Membrane to comply with the requirements of BS 6515 and generally be 100mm wide x 0.5mm thick. Dpc to be carefully unrolled and laid on mortar bed in accordance with BS 8000 Part 3 and the manufacturer's instructions. All horizontal laps to be in accordance with the manufacturers requirements. Dpc's to be located 150mm min. above adjacent ground level with steps provided in dpc as required.

Cavity Trays Dpc's and Lintels

Cavity trays

Polypropylene preformed cavity trays to be provided over all new window and door openings in acco drawings. Installation is to be in strict accordance with BS 5628 Part 3. Cavity trays to be manufactu trays to extend beyond lintels and be provided with Type L pre-formed stop ends. Weepholes to be at 450mm max. centres, min. 2no. per opening. Weepholes formed by omitting perpends and install

DPC's

Continuous dpc to walls to be formed from Caviroll Premium DPC or similar approved product.

Membrane to comply with the requirements BS 6515 and generally be 100mm wide x 0.5mm thick dependant on wall thickness. DPC to be carefully unrolled and laid on mortar bed in accordance with BS 8000 Part 3 and the manufacturer's instructions. All horizontal laps to be 150mm min. DPC's to window and door openings to be provided via. BBA approved combined insulated cavity closers & dpc. All products installed in strict accordance with the manufacturers instructions.

Lintels

External cavity wall lintels to be taken from Catnic range or similar approved and designed to suit cavity construction and loading.

Lintels to be formed from galvanised steel with powder coated finish. Lintels to be pre-insulated and incorporate pre-formed cavity tray over described previously. Lintels/trays to incorporate pre-formed stop ends. All lintels are to be site measured to suit the openings prior to ordering. Lintels to be laid on a full mortar bed and have 150mm min. end bearing.

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80 HOWARDS AVE, DA5 3BE

LOFT AND REAR EXTENSION

PROPOSED SECTION ELEVATIONS

Job Number:

Drawing No:

Revision:

JULY 2021

2021-08

P2

Preliminary Date:

1:50

IA

IA

Mr M. MURPHY

M9 7HQ

Client

Project

Drawing Title

Status :

Scale at A1:

Drawn By:

Checked By

FRESHFIELD, MANCHESTER

I. ALONSO GONZALEZ

P2	Changes after comments.	IA	IA	27.09.2021
P1	Issued for preliminary	IA	IA	20.04.2021
Rev	Description	Ву	Chkd	Date