

Adapt Tyvek gaves carrier system, installed to the manufacturers details.

For horizontal ceilings provide 300mm thickness of quilt insulation, such as Knauf Earthwool Frametherm Roll 35 laid in to layers of 150mm each between and at right angles across ceiling joists.

Adapt Tyvek SD2 air leakage barrier to underside of roof joists/ ceiling joists manufacturers recommendations at all joints penetrations and to the wall plates.

Adapt Tyvek eaves carrier system, installed to the manufacturers details. Provide glass fibre quilt insulation to loft space to a total thickness of 300mm.

Provide prior to plasterboard lining a layer of Tyvek SD@ vapour control layer with a joints lapped and sealed to manufacturers recommendations.

All structural beams to the engineers designs and to be protected to achieve 30 minutes fire protection.

Timber floor joists to be 50 x65x150mm grade C16 at 400mm centres.

Flooring to be 22mm flooring grade 1&g chipboard type P5 to BS EN 312.

Provide 100mm Rockwool insulation (Rockwool Flex) laid between the joists.

Ceiling to be to single layer of 12.5mm 120 gauge ABBRACK wallboard, with a skim finish.

Double up floor joist below both locations and below first floor partitions and as trimmers to staircase openings.

Provide galvanised steel stops as lateral support to walls as indicated on plan drawings.

12.5mm plasterboard and skim ceilings.

IG type inlets over openings complete with cavity trays weep holes and stop ends.

Wallplate to be 75x100mm, treated and strapped to inner leaf of maximum 2 metre centres, wallplate to be fully bedded.

Mountin 75mm flashing below first floor window sill.

Breakout and remove existing hardwooding & single storey structures and cart away.

Make good all areas of knock throughs.

All heights are to match with existing features and be site checked.

Provide cavity trays at abutment of walls and roof.

100mm Plastron Stronitex blockwork, with render and composite prefinished leather edge timber effect horizontal cladding finish and to client satisfaction.

100mm cavity to be fully filled with Driftherm 32 insulation bats, installed strictly to the manufacturers details.

100mm blockwork inner leaf finished in plasterboard and skim to inside face.

New double glazed windows and doors to external openings with toughened glass.

Provide proprietary cavity closers around all openings to the cavity wall structure.

Provide joist gloves around joist ends at bearings into masonry walls and ensure air tight seal.

100mm cavity to be fully bedded in mortar of 50% sharp sand and 50% soft sand or as advised by the manufacturer.

Ridge tiles to be fully bedded in mortar of 50% sharp sand and 50% soft sand or as advised by the manufacturer.

d.p.c to be bedded on both sides.

Adopt sulphate resisting cement for mortar below d.p.c level.

Ensure that the bottom of the foundations are lower than drain inverts and outside the 45 bearing of the bottom of the foundation.

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Double up rafters as trimmers to Velux window openings and dormers, allow at least 25mm around Velux window side or as advised by the manufacturer.

Velux rooflights to be installed strictly in accordance with the manufacturers instructions complete with a vapour control layer, felt collar, insulated collar and appropriate flashing kit. Electrical operation to be confirmed by the client in any case provide a 1.5mm cable to the head for future operation, sesto binds to client specification.

Provide proprietary cavity closers around all openings to the cavity wall structure.

All new dimension to match with existing and to be site checked.

Core to be taken to set wallplate levels to ensure the same soffri dimension and tops of rafter levels.

Wallplate to be 75x100mm treated and strapped to inner leaf of maximum 2 metre centres, wallplate to be fully bedded.

Provide galvanised steel stops as lateral restraint at floor and roof ceiling level as plans.

Sloping ceilings insulated with two layers of Celotex rigid insulation board first layer of 100mm thickness to friction fit between rafter members with a second layer of 43mm thick in a continuous layer perpendicular to the existing ceiling with a joint to be formed with fall tape to form VC above plasterboard ceiling.

Provide galvanised steel stops as lateral restraint at floor and roof ceiling level as plans.

Pitch to match existing.

Plate

2475

Adapt timber skirtings, window boards and architraves or to client specifications.

FFL 9.650

FFL 12.100

2450

2475

225

760

942

1135

895

575

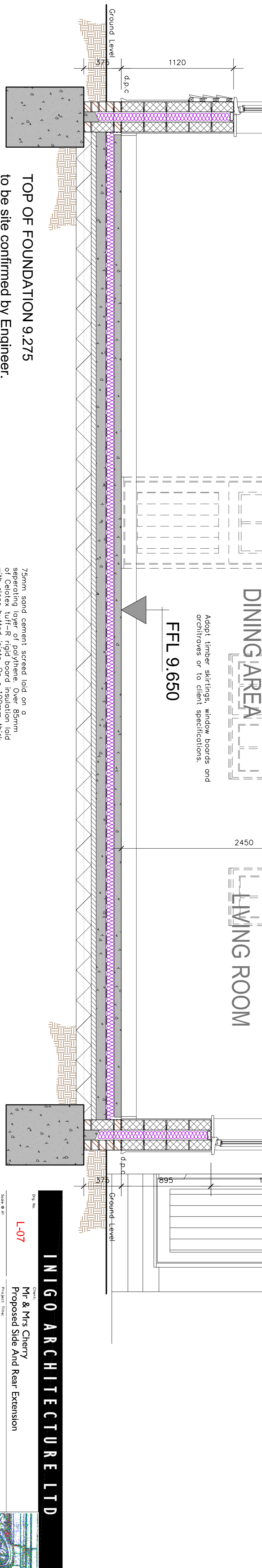
Ground Level

KITCHEN

DINING AREA

MASTER BEDROOM

LIVING ROOM



# DETAILED SECTION 2-2

TOP OF FOUNDATION 9.275  
to be site confirmed by Engineer.

75mm sand cement screed laid on a separating layer of polythene. Over 85mm of Celotex Tuff-R rigid board insulation laid with close butted joints. On a 100mm thick cast in situ concrete slab. Up turn floor insulation to the perimeter junction with external walls for a thickness of 25mm. Adopt at least a 1200 gauge dpm.

Concrete trench fill foundations to suit site conditions and levels.

**INIGO ARCHITECTURE LTD**

Client: Mr & Mrs Cherry  
Proposed Side And Rear Extension

Project Title: 35 Siscoe Road Maulden Bedfordshire MK45 2AX  
Drawing Title: Proposed Detailed Section 2-2

Drawn: NHJ  
Checked: NHJ  
Date: Oct 2013  
Scale: 1/20  
Proj No: L-07

Refer also to drawings

VERIFICATION STATUS	verified by	Date
MEQ/JESON		
PLANNING		
BUILDING CONTROL	NHJ	Oct 13
CONSTRUCTION		

No	Revision	Date	Drn	Chkd

These notes relate solely to information shown on this drawing. Only significant risks which are considered to be unusual or unlikely to be obvious to a competent contractor or other designer will be highlighted. This information may be subject to revision as the design develops.

CDM Regulations 2007 : Designers' Notes on Significant Residual Risks

- 1.

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