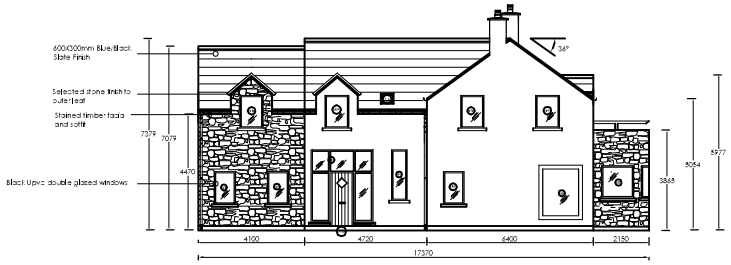
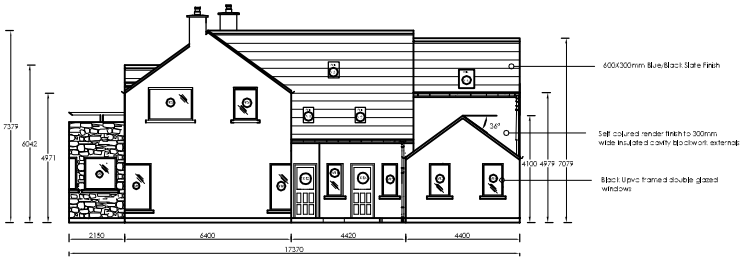
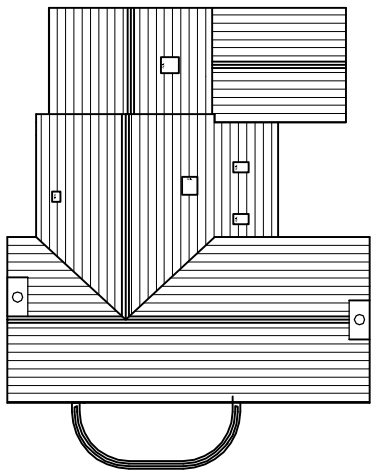


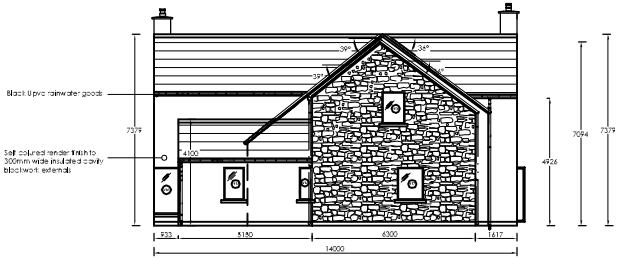
Front West Elevation Scale 1:100



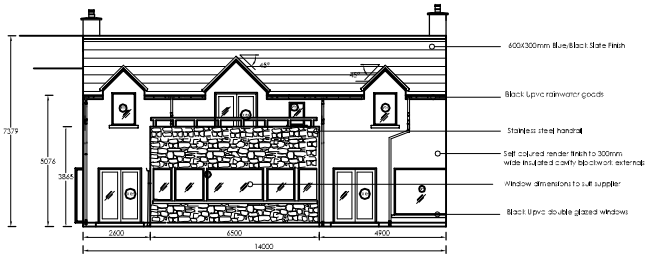
Rear East Elevation Scale 1:100



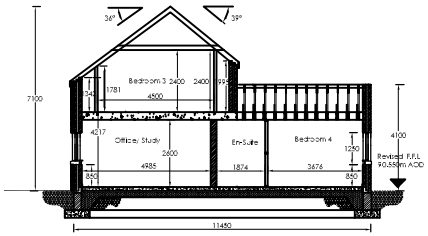
Roof Plan Scale 1:100



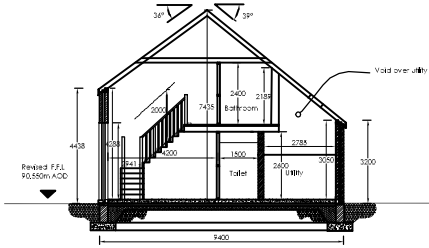
Side North Elevation Scale 1:100



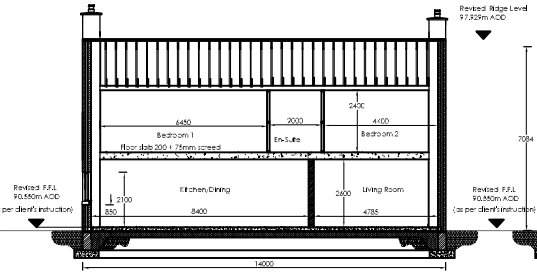
Side South Elevation Scale 1:100



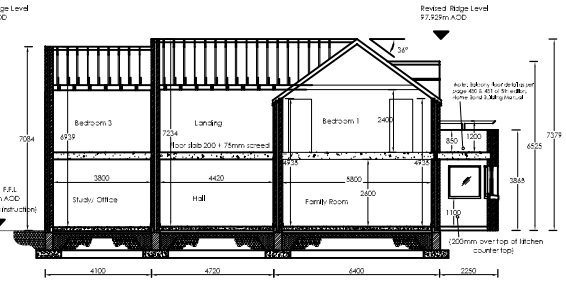
Section A-A Scale 1:100



Section B-B Scale 1:100



Section C-C Scale 1:100



Section D-D Scale 1:100

Specification Notes:

External Walls:

100mm clay brick external leaf with 20mm indicated coloured / painted / stepped plaster finish, 100mm cavity with 60mm Thermaliit TP400 or to DOE approved insulation or equal and approved to be correctly with TGD, Part L 2002 with 100mm clay brick internal leaf with Plaster finish internally to 12mm "Gyproc" bonding coat with 2 no. coats of "Gyproc" plaster finish and fitted trims or similar and approved.

Cavity wall ties to be proprietary, galvanised vertical twist "Monitie" cavity wall tie or similar approved to be correctly with TGD 2006 "RBT" to be spaced 900 apart horizontally and 450 apart vertically and staggered within 150mm of all openings.

Flashing wall to be out lined on drawings, cavity to be filled with lean mix concrete to 225mm below DPC to allow weep holes at 900 centres in external leaf.

DPC to all walls to be a minimum of 150mm above finished ground level.

Sheet to External Walls:

Initially to cavity wall to be either "Kingspan" or equal and approved galvanised proposed metal frame complete with insulation fitted accordance with the manufacturer's instructions or Precast Concrete Initially to be approved "Kingspan" or equal which is rated with U.S. 2002 "RBT" Roofin accordance with the manufacturer's instructions.

Proposed DPC's to be incorporated over all openings with weep holes at 450mm centres allow for drainage of the cavity. All mortar droppings to be cleaned off DPC and all weep holes.

Jamb of all openings to be fully closed and 150mm vertical DPC with insulation to be incorporated. DPC to be nailed at bottom of outer jamb. Room insulation to be fixed by In Granite Units. Fix to be set on DPC layer with an nailed set fitted out all sides and detail off and insulation layer on inside to prevent cold bridging.

Minimum 150mm high Code 5 lead cover flashing to roof abutments.

Foundations:

Foundations walls to be approved 30MN/m2 ready mix concrete to suits and depths indicated on the drawings and reinforced with A393 mesh throughout, well compacted with approved vibration equipment.

Ground Floor Slab:

75mm sand/cement screed on 150mm thick concrete floor slab (to engineers specification) on 65mm "Kingspan Thermaliit TP70 or to DOE or similar and approved to achieve U-value of 0.25 W/m2K as set out in TGD, Part L 2002 with 25mm perimeter upstand as "Kingspan" thermaliit reinforced radon membrane insulation in accordance with manufacturer's instructions on 50mm sand blinding on minimum 150mm well compacted hardcore.

Radon membrane to be 1500 gauge "Monarflex" Radon proofing membrane or equal and approved and to be continuous throughout. Membrane to have min 150mm upstand laps and fully sealed around services.

Internal Blockwork Walls Non-Load Bearing:

Internal walls to be 100mm concrete block walls built in 1:1:6 blocks with 12mm "Gyproc" bonding coat with 2 no. coats of "Gyproc" plaster finish and fitted trims or similar and approved.

Internal Partitions Stud Work:

Internal Partitions to be 75 x 50mm softwood studs at 600mm centres with softwood head and plate plates and nogging at 400mm centres vertically, with 12.5mm plasterboard finish to both sides. All joints to be taped and skim finished.

Partitions at first floor level to have double plate underneath and running parallel to joists to make double plate plates. Heads of partitions to be screwed and nailed to ceiling joists. If partitions is running parallel to the joist in the partition is to be fixed to nogging provided and fixed to solid nogging at 400mm spacing fixed between joists.

Flat Roof Construction:

Proposed Concrete roof slab to be 200mm floor slab section, with 75mm screed, total floor depth: 275mm.

Insulation:

Notes: All insulation values to be correctly with TGD, Part L 2002 and having a declaration made that the use of insulation specified in the insulation schedule must comply with the below values.

U Value to be achieved in roofs = 0.20 W/m2K
U Value to be achieved in walls = 0.27 W/m2K
U Value to be achieved in ground floors = 0.25 W/m2K.

Radon:

A certificate located "Monarflex" Radon membrane to be located on the drawings and in accordance with the building regulations. 150mm ducted radon membrane, inlet, manhole and extended outside of building. All joints to be sealed. Where it goes through an external wall step and to be capped off just above ground level.

3	Issued For Construction	BH	BH	BH	27...ub.07
2	Issued For Further Information	BH	C.M.C	BH	14...an.07
1	Issued For Planning	BH	C.M.C	BH	12.Aug.06
ISSUE	DESCRIPTION	DRWN	CHKD		DATE

HARMON McCARTHY PROJECTS LTD.
No. 5 Baldoyle Court, Ashbourne, Co. Meath
TEL: 01 8491800 FAX: 01 8491801
e-mail: info@hmp.ie
CHARTERED ENGINEERS, ARCHITECTURAL SERVICES, BUILDING SURVEYORS, PROJECT MANAGERS

OTHER CONSULTANTS	
CLIENT	
DRAWING NAME	Proposed Elevations and Sections
	PROJECT No. 010396
A1 SCALE 1: 100	DRAWING No 010396-004

© Harmon McCarthy Projects Ltd Intellectual Property
If Printed to Correct Scale these zones should be 50mm wide and total 100mm - Harmon McCarthy Projects Ltd
PRINT AS "Grandes" EPP