



GROUND FLOOR PLAN

LEVEL ENTRY ACCESS TO PART W OF THE BUILDING REGULATIONS 2000

DETAILED DESIGN

CORNER WINDOWS
INSULATED STEELITE LUNTEL AND CORNER POSTS TO SUPPORT OVER LUNTEL TO HAVE INTERNAL DPC AND PLASTER KEY FINISHES AND POST GALVANISED STEEL DPC IN FRONT OF POST IN CAVITY POSTS TAKEN DOWN AND FIXED TO FOUNDATION

INSULATED STEELITE LUNTEL AND CORNER POSTS TO SUPPORT 300MM CAVITY WALL AND ROOF OVER OVER LUNTEL TO HAVE INTERNAL DPC AND PLASTER KEY FINISHES AND POST GALVANISED STEEL DPC IN FRONT OF POST IN CAVITY POSTS TAKEN DOWN AND FIXED TO FOUNDATION

AIR TIGHTNESS TO COMPLY WITH CURRENT BUILDING REGULATIONS 2000 INCLUDING UNIFORMITY OF PRECAST CONCRETE SLABS WITH EXTERNAL WALLS ALL STEEL BEAMS TO REST ON 300 DEEP CONCRETE PADS 450MM LONG

ALL WASTES TO BE ENCASED IN PLASTIC AND WRAPPED WITH INSULATION WHERE PROPOSED VERTICALLY AMPHIPHOBIC TRAYS TO BE USED AS REQUIRED ALL INSULATION STANDARDS TO COMPLY WITH THE BUILDING REGULATIONS 2007 OR LATER AROUND EXTERNAL WALL OPENS AND AT BASE OF CAVITY WALLS

ALL BEPPONS TO HAVE AT LEAST ONE OPENING SASH TO COMPLY WITH PART B OF THE BUILDING REGULATIONS 1997 CLEAR ONE ROOMWAYS HIGH OR RECENT REVISED REGULATIONS 2006 VENTILATION & FOR ALL ROOMS MUST ALSO BE COMPLETED WITH

FIREPLACE AND HEARTH DETAILS TO COMPLY WITH THE BUILDING REGULATIONS 1997 AND THE HOME BOND MANUAL

INSULATED STEELITE LUNTEL AND CORNER POSTS TO SUPPORT OVER LUNTEL TO HAVE INTERNAL DPC AND PLASTER KEY FINISHES AND POST GALVANISED STEEL DPC IN FRONT OF POST IN CAVITY POSTS TAKEN DOWN AND FIXED TO FOUNDATION

POSITION OF WALL VENTS AND RAINWATER PIPES TO BE AGREED WITH CLIENT ALL GLASS LOW E INSULATED AND SAFETY LAMINATED TO COMPLY WITH CURRENT BUILDING REGULATIONS NOT COMBUSTIBLE WITH GLASS WINDOW MANUFACTURER U VALUES AT LEAST 1.6W/M²K SIMILAR FOR EXTERNAL DOORS ALL WALLS GROUND AND FIRST FLOOR SOLID CONCRETE BLOCK TO BE AGREED ON SITE

DPC AND INSULATION AT ALL EXTERNAL WALL REVEALS INCLUDING PATENT FINISHES TO ENSURE AIR TIGHTNESS COMPLIANCE SEE ALSO NOTES OPPOSITE IN GREEN TEXT ALL INTERNAL DOOR OPENS 900MM UNLESS OTHERWISE NOTED ALL WALLS SOLID CONCRETE BLOCK

1. INCREASE LEVELS OF ROOF WALL AND FLOOR INSULATION, INSULATED PLASTERBOARD FIXED TO INTERNAL SURFACE OF EXTERNAL WALLS 42.5MM K17 INSULATED PLASTERBOARD FIXED TO FLAT CEILINGS 42.5MM K17 ADDITIONAL TO INSULATION NOTED ON SECTION K INDICATES KINGSPAN KOOL THERM BOARDS

2. SOLAR ROOF PANELS AND SUSTAINABLE HEATING IE GEOTHERMAL WOOD PELLET OR SIMILAR

3. AIR PERMEABILITY COMPLIANCE DURING CONSTRUCTION SEALING AROUND WINDOW DOORS ECOT WITH WITH PATENT SEALING TAPES INCLUDING PRECAST SLAB JUNCTION WITH EXTERNAL WALLS AND POSSIBLE SOLID COAT PLASTER TO EXTERNAL WALLS BEFORE FINING OF INSULATED PLASTERBOARD USE OF KINGSPAN THERMABE CAVITY CLOSERS AIR TIGHTNESS TEST ALSO REQUIRED TO COMPLY WITH PART L

4. USE OIL OR GAS CONDENSER BOILERS IF NOT SUSTAINABLE ENERGY SOURCES FOR HEATING 5. USE LOW ENERGY CFL LIGHTING WHERE POSSIBLE 6. PROVIDE FOR SEPARATE SPACE AND WATER HEATING CONTROL FACILITY WITH PROGRAMMER RADIATOR TRV VALVES AND BOILER ENERGY MANAGER WITH AT LEAST 2 ROOM THERMOSTATS 7. USE A RATED ELECTRICAL WHITE GOODS 8. USE A PATENT HEAT RECOVERY VENTILATION SYSTEM INSTEAD OF WALL OR WINDOW VENTS ADVISE OF ENERGY RATING CONSULTANT SHOULD BE OBTAINED

PROJECT :	NEW DWELLING HOUSE	DATE:	AUG 09
CLIENT :	TONY MOHARON		
LOCATION :	KNOCKMAGROG QUIN		
CONTENTS :	AS NOTED		
SCALE:	1-40		
CYRIL O'REILLY DESIGN LIMITED PARTING GLASS QUIN CO. CLARE TEL: 053 932999 E-MAIL: CDESIGN@COMPACT		DRAWING NO TM-01-BD	