AT COMPLETION STAGE AN 'AS BUILT' DER CALCULATION WILL BE COMPLETED USING THE SAME SOFTWARE AS THAT WHICH WAS USED FOR THE 'DESIGN' DER, TO CONFIRM THAT THE AS BUILT DER IS EQUAL TO OR LESS THAN THE TARGET CARBON DIOXIDE EMISSION RATE (TER). A COPY OF THE 'AS BUILT' TO BE SUBMITTED TO BUILDING CONTROL.

THE STANDARD BASED APPROACH TO BE ADOPTED

DESIGN AIR LEAKAGE TEST ON NOT MORE THAN 8M3/(H.M)²

DWELLING TO BE BUILT TO ACCREDITED CONSTRUCTION DETAILS

A NOTICE PLATE COMPLYING WITH TECHNICAL BOOKLET L DIAGRAM 1.7 SHALL BE FITTED IN THE DWELLING

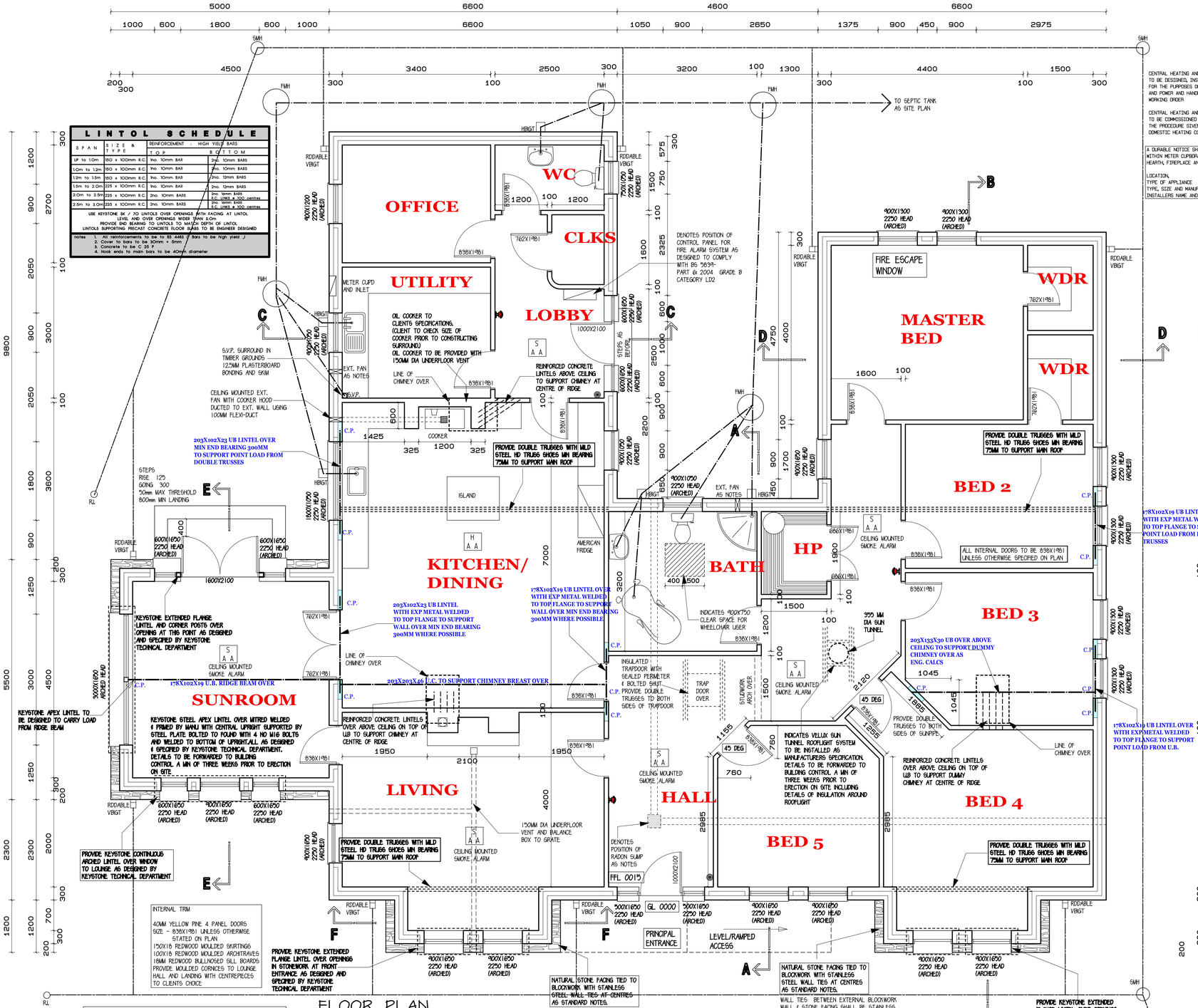
A SAP RATING NOTICE OF THE BUILDING WILL BE PERMANENTLY ON DISPLAY IN THE BUILDING ADJACENT OR WITHIN THE METER CUPBOARD.

CP-DENOTES CONCRETE PADSTONES TO BE 600X215X100 C30/10 VIBRATED CONC UNLESS OTHERWISE SPECIFIED.

BUILDING OWNER TO BE GIVEN SUFFICIENT INFORMATION OF SPECIFIC APPARATUS/SYSTEMS INSTALLED, INCLUDING OPERATIONAL AND MAINTENANCE INSTRUCTIONS, TO ENABLE THE DWELLING AND ITS FIXED SERVICES TO BE USED IN AN ENERGY EFFICIENT MANNER.

WHERE A DWELLING FAILS TO ACHIEVE ITS DESIGN AIR PERMEABILITY, REMEDIAL MEASURES SHALL BE CARRIED OUT, SUCH THAT ON RETEST THE DESIGN AIR PERMEABILITY IS ACHIEVED.

A NOTICE CONFIRMING THAT ALL FIXED BUILDING SERVICES HAVE BEEN PROPERLY COMMISSIONED SHALL BE PROVIDED AND COPY SHALL BE GIVEN TO THE DISTRICT COUNCIL AND THE BUILDING OWNER. THE NOTICE SHALL BE SIGNED BY A SUITABLY QUALIFIED PERSON



DENOTES POSITION OF AUDIO SOUNDERS TO BE INSTALLED AS MANU. INSTRUCTIONS TO GIVE A MIN DB THROUGHOUT BUILDING IN ACCORDANCE WITH BS 5839 - 6: 2004 GRADE B CATEGORY LD2

BS 5839 - 6:2004 A OR B CATEGORY LD2 SYSTEM TO BE PROVIDED

A CERTIFICATE FOR DESIGN, INSTALLATION AND COMMISSIONING TO BE FORWARDED TO BUILDING CONTROL OFFICE ON COMPLETION

INDICATES POSITION OF BREAK GLASS CALL POINT TO BS 5839 PART 1 2002

USE FIGURE DIMENSIONS ONLY. CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY QUERIES TO ARCHITECT BEFORE COMMENCING ON SITE

CEILING MOUNTED SMOKE ALARMS SHOULD BE SITED NOT LESS THAN 300MM FROM WALL OR LIGHT FITTING

CENTRAL HEATING AND HOT WATER SYSTEMS TO BE DESIGNED, INSTALLED AND COMMISSIONED FOR THE PURPOSES OF CONSERVATION OF FUEL AND POWER AND HANDED OVER IN EFFICIENT WORKING ORDER

CENTRAL HEATING AND HOT WATER SYSTEMS TO BE COMMISSIONED IN ACCORDANCE WITH THE PROCEDURE GIVEN IN THE DCLG PUBLICATION DOMESTIC HEATING COMPLIANCE GUIDE

A DURABLE NOTICE SHALL BE FIXED WITHIN METER CUPBOARD FOR EACH HEARTH, FIREPLACE AND FLUE STATING

LOCATION.
TYPE OF APPLIANCE
TYPE, SIZE AND MANUFACTURER OF FLUE OR LINER
INSTALLERS NAME AND DATE OF INSTALLATION

SVP/WASTES

WHERE SOIL VENT PIPES ARE ENCASED IN WALL PROVIDE 50x25 TIMBER GROUNDS ROCKWOOL PACKING 9.5mm P/BOARD BONDED AND SKIMMED

ALL FIRST FLOOR APPLIANCES TO HAVE DEEP SEAL WASTE TRAPS

SOIL VENT PIPE TO TERMINATE AS SHOWN ON ELEVATION AT LEAST 1m ABOVE ANY WINDOW WITHIN 3m (MEASURED HORIZONTALLY) AND FITTED WITH PVC WEATHER CAWL IF EXTERNAL
WHERE SVP TERMINATES WITH AIR ADMITTANCE VALVE IT SHALL BE BISON OR OTHER EQUALLY APPROVED AND FITTED WITH POLYSTYHENE COVER SUPPLIED

WASTE PIPE FROM WC SHALL BE 110mm DIA AND 50mm FROM ALL OTHER APPLIANCES LAID TO SUITABLE FALL

A 50mm DIA BRANCH PIPE SHALL ENTER THE STACK AT LEAST 200mm BELOW A WC CONNECTION WHERE IT ENTERS THE STACK OPPOSITE THE WC.
WHERE A BRANCH PIPE ENTERS THE STACK AT RIGHT ANGLES TO THE WC THEN IT MAY ENTER AT THE SAME LEVEL.
50mm DIA WASTES NOT DIRECTLY OPPOSITE MAY ENTER THE STACK WITH A MIN OFFSET OF 110mm ON A 110mm DIA STACK
PROVIDE SUITABLE ACCESS IN FLOOR DECKING FOR RODDING PURPOSES

AIR INFILTRATION

PROVIDE SUITABLE MEANS OF REDUCING AIR INFILTRATION OF COLD AIR BY SEALING GAPS BETWEEN DRY LINING AND MASONRY WALLS AT EDGE OF OPENINGS SUCH AS WINDOWS AND DOORS AND AT JUNCTIONS WITH WALLS FLOORS AND CEILINGS. SEALING GAPS BETWEEN FRAMES AND OPENINGS AND DRAUGH PROOFING THE OPENABLE ELEMENTS OF WINDOWS DOORS AND ROOFLIGHTS, SEALING HATCHES TO UNHEATED FLOOR AND ROOF VOIDS,SEALING SERVICE PENETRATIONS AT FLOOR AND CEILING JUNCTIONS WHERE SERVICES ARE NOT BOXED IN, SEALING AROUND JOIST ENDS WHERE JOISTS ARE BUILT INTO EXTERNAL WALLS SEALING VAPOUR CONTROL MEMBRANES IN TIMBER FRAMED CONSTRUCTION

RADON

IF DWELLING FALLS WITHIN RADON ZONE 1 FIT A FULLY SEALED MEMBRANE OF LOW PERMEABILITY IN LIEU OF DPM AS SECTIONS. FULLY SEAL JOINTS, SERVICE DUCTS AND SERVICE PENETRATIONS. MEMBRANE TO BE CONTINUOUS ACROSS CAVITY TO EXTERNAL LEAF.
IF DWELLING FALLS WITHIN RADON ZONE 2 INSTALL A RADON SUMP AND 100MM DIA EXTRACTION PIPE, SEALED TO PREVENT RAINWATER OR RADENT INGRESS IN ADDITION TO MEMBRANE.

ACCESS/FACILITIES FOR DISABLED

PROVIDE LEVEL OR RAMPED APPROACH TO DWELLING AT PRINCIPAL ENTRANCE/ AS INDICATED 'LEVEL ACCESS' ON PLAN. LEVEL APPROACH TO BE FIRM AND EVEN AND NO MORE THAN 1 IN 20
GRADIENT AND NOT LESS THAN 900MM WIDE.
RAMPED APPROACH-
WHERE RAMP LENGTH EXCEEDS 5M SLOPE NOT TO EXCEED 1 IN 15
WHERE THE LENGTH IS 5M OR LESS THE SLOPE SHALL NOT EXCEED 1 IN 12.
LANDINGS TO BE 1200MM AT TOP & BOTTOM OF FLIGHT AND 1500MM BETWEEN RAMPS
APPROACH ROUTE TO DWELLING TO BE FIRM AND EVEN AND AT LEAST 900MM WIDE.
THE PRINCIPAL ENTRANCE DOOR TO BE NOT LESS THAN 775MM AND 15MM MAX THRESHOLD.
INTERNAL DOORS ON GROUND FLOOR SHALL BE 838 WIDE UNLESS OTHERWISE STATED ON PLAN.
WALL MOUNTED SOCKETS AND SWITCHES SHALL BE LOCATED WITHIN 450MM MIN AND 1200MM MAX FROM FLOOR LEVEL.
PULL CORD SWITCHES SHALL TERMINATE NOT MORE THAN 1200MM ABOVE FLOOR LEVEL.

LIGHTING

FIXED INTERNAL LIGHTING:
FIXED INTERNAL ENERGY EFFICIENT LIGHT FITTINGS TO BE INSTALLED IN THE MOST FREQUENTED AREAS IN THE DWELLING, AND THERE SHALL BE NOT LESS THAN:

I. ONE PER 25M2 OF DWELLING FLOOR AREA (EXCLUDING GARAGES) OR PART THEREOF; OR
II. ONE PER FOUR LIGHT FITTINGS.

WHICHEVER IS GREATER. THE ENERGY EFFICIENT LIGHT FITTING (INCLUDING THE LAMP, CONTROL GEAR
AND AN APPROPRIATE HOUSING, REFLECTOR, SHADE OR OTHER DEVICE FOR CONTROLLING THE LIGHT OUTPUT) IS A LIGHT FITTING THAT CAN ONLY BE FITTED WITH LAMPS HAVING A LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT-WATT. (FLUORESCENT AND DEDICATED COMPACT FLUORESCENT LIGHT FITTING WOULD MEET THIS REQUIREMENT, BUT THOSE ACCOMMODATING GLS TUNGSTEN LAMPS AND COMPACT FLUORESCENT LAMPS
CFLS) WITH A BAYONET CAP OR EDISON SCREW BASE, OR TUNGSTEN HALOGEN LAMPS WOULD NOT.)

FIXED EXTERNAL LIGHTING:
EXTERNAL LIGHTING PERMANENTLY FIXED TO AN EXTERNAL SURFACE OF THE DWELLING AND UNDER THE DIRECT CONTROL OF THE OCCUPANT BY HAVING AN ELECTRICITY SUPPLY FROM THE DWELLING SHALL:
I. HAVE A MAXIMUM OUTPUT OF 150W PER FITTING AND AUTOMATICALLY SWITCH OFF -
A. WHEN THERE IS ADEQUATE DAYLIGHT; AND
B. WHEN NOT REQUIRED AT NIGHT; OR
II. HAVE SOCKETS THAT CAN ONLY BE FITTED WITH LAMPS HAVING A LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT-WATT.

BRIDGING BETWEEN JOISTS

PROVIDE 38x38 S/W HERRINGBONE BRIDGING BETWEEN ALL FLOOR JOISTS SEE TABLE

SPAN	NO. OF ROWS OF STRUTTING
LESS THAN 2.5m	NONE
2.5-4.5m	1 AT MID SPAN
OVER 4.5m	2 AT ONE THIRD SPAN

EXTRACTOR FANS/VENTILATION

⊠ DENOTES POSITION OF CEILING MOUNTED EXTRACTOR FAN IN KITCHEN TO BE CAPABLE OF EXTRACTING AT LEAST 30 LITRES OF AIR/SEC AND TO BE USED IN CONJUNCTION WITH COOKER EXTRACTOR FANS IN BATHROOM/SHOWER ROOM/ ENSUITE TO BE CAPABLE OF EXTRACTING AT LEAST 15 LITRES OF AIR/SEC. EXTRACTOR FAN IN BATHROOM AND EN SUITE TO HAVE A 15 MIN OVERRUN FACILITY EXTRACTOR FAN IN UTILITY
CAPABLE OF EXTRACTING 30 LITRES/SEC ALL HABITABLE ROOMS TO HAVE TRICKLEVENTILATION OF 8000 mm2 TO EACH ROOM KITCHEN UTILITY BATHROOM WC OR EN SUITE TO HAVE TRICKLE VENTILATION OF 4000 mm2 TO EACH FRENCH DOORS TO HAVE NITE VENT OF 10000mm2.

VENTILATION:
GRILLS OR MESHES PROTECTING AIR VENTS FROM THE ENTRY OF ANIMALS OR BIRD SHALL HAVE INDIVIDUAL APERTURE DIMENSIONS OF NOT LESS THAN 5MM.

ROOM CONTAINING OPEN-FLUED APPLIANCE WILL HAVE A CONTINUOUS SUPPLY OF AIR FROM OUTSIDE THE BUILDING
THROUGH A PERMANENTLY OPEN AIR VENT.

AIR SUPPLY TO SOLID FUEL BURNING APPLIANCES

TYPE OF APPLIANCE TYPE AND AMOUNT OF VENTILATION

OPEN APPLIANCE SUCH AS AN OPEN FIRE WITH NO THROAT, E.G. A FIRE UNDER AND OPEN CANOPY PERMANENTLY OPEN AIR VENTS) WITH A TOTAL FREE AREA OR NOT LESS THAN 50% OF THE CROSS-SECTIONAL AREA OF THE FLUE OPEN APPLIANCE, SUCH AS AN OPEN FLUE WITH A THROAT PERMANENTLY OPEN AIR VENTS) WITH A TOTAL FREE AREA OR
NOT LESS THAN 50% OF THE THROAT OPENING AREA.OTHER APPLIANCE, SUCH AS A STOVE, COOKER OR BOILER, WITH A FLUE DRAUGHT STABILISER, PERMANENTLY OPEN AIR VENTS) WITH A TOTAL FREE AREA OR NOT LESS THAN 300MM2 PER KW FOR EACH OF THE FIRST 5 KW OF APPLIANCE RATED HEAT OUTPUT, PLUS, A TOTAL FREE AREA OF NOT LESS THAN 850MM2 FOR EVERY KW OF APPLIANCE
RATED HEAT OUTPUT ABOVE 5 KW. OTHER APPLIANCE, SUCH AS A STOVE, COOKER OR BOILER, WITH NO FLUE DRAUGHT STABILISER, PERMANENTLY OPEN AIR VENTS) WITH A TOTAL FREE AREA OR NOT LESS THAN 550MM2 FOR EVERY KW OF APPLIANCE RATED HEAT OUTPUT ABOVE 5 KW.

INTERACTION OF MECHANICAL EXTRACT VENTILATION AND OPEN-FIRED COMBUSTION APPLIANCES:

FOR A GAS APPLIANCE - WHERE A ROOM CONTAINS AN OPEN-FLUED APPLIANCE, THE ROOM EXTRACT FAN RATE SHALL NOT EXCEED 20 LITRES/SECOND (72 M3/HOUR), AND A SPILLAGE TEST AS RECOMMENDED IN BS5440-1:2000 SHALL BE CARRIED OUT.

FOR AN OIL APPLIANCE - THE ROOM EXTRACT FAN CAPACITY SHALL BE LIMITED AS DESCRIBED IN OFTEC TECHNICAL INFORMATION NOTE T1/112 AND A FLUE DRAUGHT INTERFERENCE TEST AS DESCRIBED IN T1/112 SHALL BE CARRIED OUT.

FOR A SOLID FUEL APPLIANCE - A ROOM EXTRACT FAN SHALL NOT BE INSTALLED IN THE SAME ROOM UNLESS SUCH AN INSTALLATION FOLLOWS HETAS GUIDANCE. FOR COMMERCIAL AND INDUSTRIAL INSTALLATIONS - SPECIALIST ADVICE FROM A MECHANICAL/SERVICE ENGINEER SHALL BE NECESSARY WITH REGARD TO THE POSSIBLE NEED FOR THE INTERLOCKING OR GAS HEATERS AND ANY MECHANICAL VENTILATION SYSTEM.

VENTILATION TO OPEN FLUED OIL FIRED APPLIANCE:
OPEN FLUED OIL FIRED APPLIANCES SHALL HAVE A FREE AREA OF PERMANENTLY OPEN AIR VENTS 550MM2 PER KW OUTPUT IN EXCESS OF 5 KW PLUS A FURTHER 550MM2 PER KW OUTPUT IF THE APPLIANCE IS FITTED WITH A DRAUGHT BREAK. FOR OPEN FLUED APPLIANCES AND ROOM SEALED APPLIANCES WITHIN COMPARTMENTS, THE COMPARTMENT MUST BE VENTILATED IN ACCORDANCE WITH DIAGRAM 4.1 IN TECHNICAL BOOKLET L.

FOUNDATION

FOUNDATION SHALL BE TAKEN DOWN A MINIMUM OF 750mm UNTIL A HARD BEARING IS REACHED. WHERE FOUNDATION IS REQUIRED TO BE STEPPED THEN THE OVERLAP BETWEEN DIFFERENT LEVELS SHALL BE DOUBLE THE DEPTH OF THE FOUNDATION. IF A SUITABLE BEARING CANNOT BE ACHIEVED THEN AN AMENDED DESIGN SHALL BE FORWARDED TO THE COUNCIL ON REQUEST.

THE HARDCORE SHALL BE A MINIMUM OF 150mm DEEP AT THE HIGHEST POINT OF INFILL GROUND TO A MAXIMUM OF 600mm DEEP AT ANY ONE POINT HARDCORE TO BE CONSOLIDATED IN 225mm LAYERS WITH A MECHANICAL COMPACTOR IF HARDCORE EXCEEDS 600mm DEEP AT ANY ONE POINT USE CONC PRECAST PRESTRESSED T-BEAMS AS PER MANU FACTUERS INSTRU

BRICK/BLOCKWORK

BLOCKWORK TO CAVITY WALLS SHALL BE 300MM OVERALL THICK WITH 100MM CAVITY WIDTH. WALL TIES SHALL BE WIRE TYPE TYPE FITTED WITH PVC RETAINER DISC FOR INSULATION SHEET FIXING, INSERTED AS FOLLOWS:

HORIZONTIALLY	AT	750MM CRS MIN
VERTICALLY	AT	450MM CRS MIN
VERTICALLY AT REVEALS	AT	215MM CRS MIN

ALL WALL TIES SHALL BE STAGGERED AT INTERVALS AND KEPT CLEAR OF MORTAR DROPPINGS

LATERAL RESTRAINT

LATERAL RESTRAINT TO EVERY LAST 2ND JOISTS AND RAFTERS INTO WALL AT 2m CRS MAX AS ELEVATIONS WITH GALVANISED STEEL STRAPS AND TIE DOWN CAVITY AS DETAIL.

COMBUSTIBLE MATERIAL

TRIM BACK ALL COMBUSTIBLE MATERIAL A MINIMUM A MINIMUM OF 38mm FROM ANY CHIMNEY STACK AND USE SUITABLE TRIMMERS

FIRE SAFETY

PROVIDE AT LEAST ONE SMOKE ALARM UNIT TO EACH FLOOR OR OTHER SUITABLE FIRE DETECTION SYSTEM MOUNTED IN CEILING NOT LESS THAN 300mm FROM ANY LIGHT FITTING.ALARM SHOULD BE POWERED FROM ELECTRICAL MAINS WITH BATTERY BACK-UP AND WIRED SPEARATELY AT DISTRIBUTION BOARD. POSITION ALARM AS INDICATED ON PLAN WITHIN 3m OF BEDROOM DOORS AND 7m OF ANY DOOR LEADING TO LOUNGE/LIVING ROOM/DINING/KITCHEN ETC.
SMOKE ALARMS TO COMPLY TO BS 5446-1:2000 & HEAT ALARMS TO COMPLY TO BS 5446 PART 2: 2003 & BE INTER-CONNECTED.
C - DENOTES WINDOW WITHA CLEAR OPENING OF AT LEAST 850mm x 500mm WIDE TO PROVIDE ALTERNATIVE MEANS OF ESCAPE.

GLAZING

PROVIDE DOUBLE GLAZING THROUGHOUT DWELLING WITH 16MM+ AIR GAP AND INCORPORATING LOW-E GLAZING (EN=0.05)
GLAZING TO CRITICAL LOCATIONS TO SATISFY THE TEST REQUIREMENTS OF BS 6206 CLASS C. CRITICAL LOCATIONS INCLUDE:
BELOW 800mm FROM FFL IN WINDOWS
BELOW 1500mm FROM FFL IN DOORS AND SIDELIGHTS (WITHIN 300mm OF DOOR).
WHERE GLAZING TO DOORS OR SIDELIGHTS EXCEED 900mm WIDE IT SHALL SATISFY THE TEST REQUIREMENTS OF BS6206 CLASS B.

STUDWORK

TIMBER FOR STUDWORK TO BE EX. 100 x 50 WITH VERTICAL STUDS AT 400 CRS MAX FIX AT MASONARY WORK WITH M8 BOLTS AT 450 AT 450 CRS MAX INSULATED WITH 100mm GLASSFIBRE AND SHEETED EITHER SIDE WITH 9mm PLY WOOD 9.5mm PLASTERBOARD BONDED AND SKIMMED PROVIDE 18mm EXTERIOR GRADE PLYWOOD BUILDING PAPER AND EXPANDED METL LATH TO SHOWER AREA TO RECEIVE TILES AND ALL OTHER AREAS TO BE TILED.

PIPEWORK INSULATION

INSULATION OF PIPES SERVING OIL-FIRED CENTRAL HEATING SYSTEMS NEW PIPES WILL BE INSULATED WITH INSULATION COMPLYING WITH THE REQUIREMENTS OF THE DOMESTIC HEATING COMPLIANCE GUIDE ON LINE WITH THE MAXIMUM PERMISSIBLE HEAT LOSS INDICATED IN THE SUPPLEMENTARY INFORMATION COLUMN, SEE TABLE F1L AND LABELLED ACCORDINGLY.

TABLE F1 INSULATION FOR PIPE-WORK
PIPE DIAMETER (OD) MAXIMUM PERMISSIBLE HEAT LOSS (W/M)
8MM 7.06
10MM 7.23
15MM 7.35
15MM 7.89
22MM 9.12
28MM 10.07
35MM 11.08
42MM 12.19
54MM 14.12
ALL PIPE-WORK TO BE INSULATED AND LABELLED ACCORDINGLY AS COMPLYING WITH THE DOMESTIC HEATING COMPLIANCE GUIDE.

PRIMARY CIRCULATION PIPES FOR HEATING AND HOT WATER CIRCUITS MUST BE INSULATED WHEREVER THEY PASS OUTSIDE THE HEATED LIVING SPACE OR THROUGH VOIDS WHICH COMMUNICATE WITH AND ARE VENTILATED FROM UNHEATED SPACES. PRIMARY CIRCULATION PIPES FOR DOMESTIC HOT WATER CIRCUITS MUST BE INSULATED THROUGHOUT THEIR LENGTH, SUBJECT ONLY TO PRACTICAL CONSTRAINTS IMPOSED BY THE NEED TO PENETRATE JOISTS AND OTHER STRUCTURAL ELEMENTS.
ALL PIPES CONNECTED TO HOT WATER STORAGE VESSELS, INCLUDING THE VENT PIPE, MUST BE INSULATED FOR AT LEAST 1M FROM THEIR POINT OF CONNECTION TO THE CYLINDER OR THEY SHOULD BE INSULATED UP TO THE POINT WHERE THEY BECOME CONCEALED. IF SECONDARY CIRCULATION IS USED, ALL PIPES KEPT HOT BY THAT CIRCULATION MUST BE INSULATED.

INSULATION

CAVITY WALL - INSULATION FOR CAVITIES SHALL BE XTRATHERM THDI R CAVITY WALL BOARD (BS940 BUILT UP WITH BRICK/BLOCKWORK TO THE ENTIRE EXTENT OF WALLS INCLUDING GABLE APEXS ALSO ANY CAVITY. WALL BETWEEN DWELLING AND GARAGE TO BE INSULATED AS BEFORE
FLAT CEILING - LAY 200MM DEEP GLASSFIBRE INSULATION BETWEEN CEILING JOISTS & 50MM XTRATHERM THDI R COMPOSITE BOARD FIXED TO UNDERSIDE OF CEILING JOISTS (U-VALUE 0.18 W/M2 CONSISTING OF 50MM XTRATHERM INSULATION
GROUND FLOOR - LAY CAREFULLY ON DPM XTRATHERM THDI R XT/LF BOARDS (80MM) TO ALL FLOORS
COVED CEILINGS - PROVIDE XTRATHERM THDI R 100MM INSULATION BETWEEN RAFTERS & XTRATHERM THDI R 50MM TO UNDERSIDE OF RAFTERS. (U-VALUE = 0.23 W/M²
HEATING PIPES - ALL PIPEWORK TO HEATING AND COLD WATER SUPPLY SHALL BE INSULATED WITH FOAM TYPE INSULATION EQUAL THICKNESS TO THAT OF PIPE DIA.
CYLINDER - CYLINDER SHALL BE FITTED WITH FACTORY APPLIED POLYURETHANE COATING (MIN 50MM THICK)
COLD WATER STORAGE TANK- TANK TO BE FITTED WITH SUITABLE COVER AND 100MM THICK FIBRE FILLED INSULATION WRAPPING
TRAPDOOR TO BE INSULATED WITH 60MM THICK XTRATHERM INSULATION
INSULATION TO JAMB/HEAD/CILL TO BE 20MM THICK POLYSTYRENE-DENSE BLOCK WITH CEMENT RENDER - THERMAL CONDUCTIVITY OF NOT LESS THAN 0.45W/K/M
INSULATION BETWEEN UPPER CORNER OF WALL,PLATE AND SARKING BOARD TO BE 65MM THICK FIBREGLASS
INSULATION TO VERTICAL EDDE OF FLOOR SCREED TO BE 20MM THICK XTRATHERM. INSULATION TO HAVE A THERMAL CONDUCTIVITY OF NOT MORE THAN 0.023 W/MK

THESE DRAWINGS ARE PRELIMINARY AND ARE NOT BUILDING CONTROL APPROVED THEREFORE MUST NOT BE USED ON SITE

REVISION	
29/10/07	BUILDING CONTROL AMENDMENTS
29/12/07	BUILDING CONTROL AMENDMENTS

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CLIENT
. . .

PROJECT
PROPOSED DWELLING & GARAGE

LOCATION
BURROW ROAD OMAGH

DATE	DRAWN BY
JULY 07	CTD
SCALE 1:50	DWG NO 01

DRWG TITLE
FLOOR PLAN