

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.

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

AT COMPLETION STAGE AN AS BUILT DERIVATION 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.

A SAT-RATING NOTICE OF THE BUILDING WILL BE PERMANENTLY ON DISPLAY IN THE BUILDING ADJACENT OR WITHIN THE METER CURBROAD.

INTERNAL TRIM
40MM WHITE OAK 4 PANEL DOORS
SIZE: 180X75 UNLESS OTHERWISE STATED ON PLAN
150X16 OAK MOULDED SHORTINGS
100X16 OAK MOULDED ANCHORS
18MM OAK BULLGROUDED SILL BOARDS
PROVIDE MOULDED CORNICES TO LOUNGE.

HEAT SOURCE
DWELLING TO BE PROVIDED WITH CONDENSING GAS BOILER WITH EFFICIENCY OF 90.3% AS MANUFACTURERS INSTRUCTIONS AND STANDARD REGULATIONS
PROVIDE TWIN BALANCED FLUE A MIN OF 500MM AWAY FROM ANY WINDOW

LATERAL RESTRAINT
LATERAL RESTRAINT TO EVERY LAST 3RD JOISTS AND RATHER END WALL AT 2m CRS MAX AS ELEVATIONS WITH GALVANIZED STEEL STRAPS AND THE 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

AIR INFILTRATION
PROVIDE SUITABLE MEANS OF REDUCING AIR INFILTRATION OF COLD AIR BY SEALING GAPS BETWEEN DRY LINED 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 DRAUGHT PROOFING THE OPERABLE ELEMENTS OF WINDOWS DOORS AND ROOFLIGHTS. SEALING HATCHES TO UNHEATED FLOOR AND ROOF VOIDS SEALING SERVICE PENETRATIONS AT FLOOR AND CEILING JOINTS WHERE SERVICES ARE NOT RIGIDLY SEALING AROUND JOIST ENDS WHERE JOISTS ARE NOT EXTENDING 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 D.P.M. 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 SLUMP AND 100MM DIA EXTRACTION PIPE, SEALED TO PREVENT RAINWATER OR RODENT INGRESS IN ADDITION TO MEMBRANE.

PASSAGE OF SOUND
WITH A DWELLING REASONABLE RESISTANCE TO THE PASSAGE OF AIRBOURNE SOUND SHALL BE PROVIDED BY:
(A) INTERNAL WALLS THAT SEPARATE -
(i) A BEDROOM, AND
(ii) A ROOM CONTAINING A WATER CLOSET.
FROM ANY OTHER ROOM; AND
(B) ALL INTERNAL FLOORS.
APPROPRIATE SOUND INSULATION TESTING TO BE CARRIED OUT IN ACCORDANCE WITH A PROCEDURE APPROVED BY THE DEPARTMENT AND NOT MORE THAN 6 DAYS AFTER COMPLETION OF THE TESTING GIVE A NOTICE IN WRITING TO THE DISTRICT COUNCIL STATING THE RESULTS OF THE SOUND INSULATION TESTING REFERRED TO IN (A)

SVP/WASTES
WHERE SOLVENT PIPES ARE ENCASED IN WALL PROVIDE 50x5 TIMBER GROUNDS ROCKWOOL PACKING 9.5mm P/BOND BONDED AND SKIMMED
ALL FIRST FLOOR APPLIANCES TO HAVE DEEP SEAL WATER TRAPS
SOLVENT PIPE TO TERMINATE AS SHOWN ON ELEVATION AT LEAST 1m ABOVE ANY WINDOW WITHIN 2m MEASURED HORIZONTALLY AND FITTED WITH PVC WEATHER CAW, IF EXTERNAL.
WHERE SVP TERMINATES WITH AN ADMITTANCE VALVE IT SHALL BE 650MM OR OTHER EQUALLY APPROVED AND FITTED WITH POLYETHYLENE 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 100mm OR A 100mm DIA STACK
PROVIDE SUITABLE ACCESS IN FLOOR DECKING FOR RODDING PURPOSES

LIGHTING
FIXED INTERNAL LIGHTING:
FIXED INTERNAL ENERGY EFFICIENT LIGHT FITTINGS TO BE INSTALLED THROUGHOUT THE ENTIRE DWELLING 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 DECATATED 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 MINIMUM CIRCUIT OUTPUT OF 10W 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.

VENTILATION OF DWELLING
SYSTEM 1 - BACKGROUND VENTILATORS AND INTERMITTENT EXTRACT FANS TO BE ADAPTED FOR THIS DWELLING.
THIS TO BE ACHIEVED BY MEANS OF ENVIRO VENT POSITIVE PULL VENTILATION SYSTEM AS DESCRIBED BY CONDENSATION SOLUTIONS, GRACEBROOK PARK, BELFAST AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
ALL NATURAL AND MECHANICAL SYSTEMS SHOULD BE FULLY COMMISSIONED IN ACCORDANCE WITH THE GUIDANCE GIVEN IN THE 'DOMESTIC VENTILATION COMPLIANCE GUIDE'
INTERMITTENT EXTRACTOR FAN IN KITCHEN TO BE INCORPORATED WITHIN COOKER HOOD & CAPABLE OF EXTRACTING 30 LITRES OF AIR/SEC
COOKER HOODS SHOULD BE 600MM TO 750MM ABOVE THE HOOD SURFACE
EXTRACTOR FANS IN BATHROOMS/SHOWER ROOM ENLIGHTS TO BE CAPABLE OF EXTRACTING AT LEAST 15 LITRES OF AIR/SEC & INSTALLED WITHIN 400MM OF CEILING
EXTRACTOR FAN IN BATHROOM AND ENLIGHTS TO HAVE A 15mm OVERFLOW FACILITY
EXTRACTOR FAN IN UTILITY CAPABLE OF EXTRACTING 30 LITRES/SEC
EXTRACTOR FANS TO BE DUCTED TO SOFFIT EXTERNAL WALL USING INSULATED RIGID DUCTING AND PROVIDED WITH A CONDENSATE TRAP.
BACKGROUND VENTILATION
BACKGROUND VENTILATORS SHOULD BE LOCATED IN ALL ROOMS WITH EXTERNAL WALLS. WITH AT LEAST 5.000M² EQUIVALENT AREA IN EACH HABITABLE ROOM AND 2.500M² EQUIVALENT AREA IN EACH WET ROOM
THE TOTAL EQUIVALENT VENTILATOR AREA SHOULD BE DETERMINED USING TABLE 2.3 OF TECHNICAL BOOKLET K 2012.
CONTROLS FOR INTERMITTENT EXTRACTORS AND BACKGROUND VENTILATORS INTERMITTENT EXTRACT MAY BE OPERATED MANUALLY AND/OR AUTOMATICALLY BY A SENSOR. IN KITCHENS, ANY AUTOMATIC CONTROL MUST PROVIDE SUFFICIENT FLOW DURING COOKING WITH FOSSIL FUELS TO PREVENT THE BUILD UP OF COMBUSTION BY PRODUCTS. ANY AUTOMATIC CONTROL SHALL HAVE AN OVERIDE FACILITY TO ALLOW THE OCCUPANT TO TURN THE EXTRACT ON MANUALLY.
IN A ROOM WITH NO OPENABLE WINDOW (INTERNAL ROOM, AN INTERMITTENT EXTRACT FAN SHOULD HAVE AN OVERDRIVE OF AT LEAST 15 MINS EXCEPT WHERE IT IS CONTROLLED BY A HUMIDISTAT. IN ROOMS WITH NO NATURAL LIGHT, THE FANS COULD BE CONTROLLED BY THE OPERATION OF THE MAIN ROOM LIGHT SWITCH.
BACKGROUND VENTILATORS SHOULD BE LOCATED TO AVOID DRAUGHTS - TYPICALLY 1.7M ABOVE FLOOR LEVEL.
BACKGROUND VENTILATORS MAY BE EITHER MANUALLY ADJUSTABLE OR AUTOMATICALLY CONTROLLED.
WHERE MANUAL CONTROLS ARE PROVIDED, THEY SHOULD BE WITHIN REASONABLE REACH OF THE OCCUPANTS - PULL CORDS OR SIMILAR DEVICES SHOULD BE PROVIDED.
RAPID VENTILATION
RAPID VENTILATION PROVISION IS REQUIRED IN EACH HABITABLE ROOM AND SHOULD BE CAPABLE OF EXTRACTING A MINIMUM OF FOUR AIR CHANGES PER HOUR, PER ROOM DIRECTLY TO OUTSIDE. IN NORMAL CIRCUMSTANCES, OPENABLE WINDOWS OR DOORS CAN PROVIDE THIS. HOWEVER WHERE THEY CAN ONLY BE OPENED, A MECHANICAL EXTRACT SYSTEM SHOULD BE PROVIDED. IN OTHER ROOMS, EG KITCHENS & BATHROOMS, THE MECHANICAL EXTRACT PROVISIONS SHOULD PROVIDE ADEQUATE VENTILATION.

FOUNDATION
FOUNDATION SHALL BE TAKEN DOWN A MINIMUM OF 750mm UNTIL A HARD BEARING IS REACHED. WHERE FOUNDATION IS REQUIRED TO BE STEEPER 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 HARDWARE SHALL BE A MINIMUM OF 100mm DEEP AT THE HIGHEST POINT OF BELL GROUND TO A MAXIMUM OF 600mm DEEP AT ANY ONE POINT HARDWARE TO BE CONSOLIDATED IN 25mm LAYERS WITH A MECHANICAL COMPACTO IF HARDWARE EXCEEDS 600mm DEEP AT ANY ONE POINT USE CONC PRECAST PRESTRESSED T-BEAMS AS PER MANU FACTURERS DETAIL.
BRICK/BLOCKWORK/FACING STONE
BACKGROUND VENTILATORS SHALL BE AS FLOOR PLAN WITH 100MM CAVITY WIDTH. WALLS SHALL BE STAINLESS STEEL TYPE AS MANUFACTURERS DETAILS
HORIZONTALLY AT 750MM CRS MIN
VERTICALLY AT 450MM CRS MIN
VERTICALLY AT REVEALS AT 215MM CRS MIN
WALLS TO STONE FACINGS WHERE SPECIFIED SHALL BE STAINLESS STEEL TYPE INSTALLED AS FOLLOWS:
VERTICALLY AT 750MM CRS MIN
VERTICALLY AT 450MM CRS MIN
VERTICALLY AT REVEALS AT 215MM CRS
ALL WALL THIS SHALL BE STAGGERED AT INTERVALS AND KEPT CLEAR OF MORTAR DROPPINGS.

CARBON MONOXIDE ALARMS/ GLAZING
CARBON MONOXIDE ALARMS SHALL COMPLY WITH BS EN 50291 AND BE POWERED BY A BATTERY DESIGNED TO OPERATE FOR THE WORKING LIFE OF THE ALARM.
THE ALARM SHOULD INCORPORATE A WARNING DEVICE TO ALERT USERS WHEN THE WORKING LIFE OF THE ALARM IS DUE TO PASS. MAINS POWERED BS EN 50291 TYPE A CARBON MONOXIDE ALARMS WITH FIXED WIRING (NOT PLUG-IN TYPES) MAY BE USED AS ALTERNATIVE APPLICATIONS PROVIDED THEY ARE FITTED WITH A SENSOR FALLEN WARNING DEVICE.
THE CARBON MONOXIDE ALARM SHOULD BE LOCATED -
(A) ON THE CEILING AT LEAST 300MM FROM ANY WALL OR, IF IT IS LOCATED ON A WALL, AS HIGH UP AS POSSIBLE AND ABOVE THE HEIGHT OF ANY DOORS OR WINDOWS BUT NOT WITHIN 500MM OF THE CEILING AND
(B) BETWEEN 1000MM AND 3000MM HORIZONTALLY FROM THE APPLIANCE.
PROVIDE DOUBLE GLAZING THROUGHOUT DWELLING WITH 16mm² AIR GAP AND INCORPORATING LOW E GLAZING (EN-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 BS 6206 CLASS B.

STUDWORK
TIMBER FOR STUDWORK TO BE EX 100 x 50 WITH VERTICAL STUDS AT 400 CRS MAX FIX TO MASONRY WORK WITH M8 BOLTS AT 450 AT 450 CRS MAX INSULATED WITH 100mm GLASSFIBRE AND SHEETED EITHER SIDE WITH 9mm PLY WOOD 5mm PLASTERBOARD BONDED AND SKIMMED PROVIDE 10mm EXTERIOR GRADE PLY WOOD BUILDING PAPER AND EXPANDED METAL LATH TO SHOWER AREA TO REGRET TILES AND ALL OTHER AREAS TO BE TILED

TRAPDOOR
PROVIDE INSULATED TRAPDOOR WHERE SHOWN ON PLAN WITH SEALED PERIMETER AND BOLTED SHUT.
PROVIDE DOUBLE TRUSSES EACH SIDE OF PROPOSED TRAPDOOR AND TRIM

CEILING MOUNTED CARBON MONOXIDE DETECTOR
CEILING MOUNTED SMOKE ALARM
CEILING MOUNTED HEAT DETECTOR

CARBON MONOXIDE ALARMS/ GLAZING
THE GUIDANCE GIVEN IN SECTION 4 OF TECHNICAL BOOKLET K 2012 HAS BEEN FOLLOWED TO DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF REGULATION 30 PART D THIS DWELLING TO COMPLY WITH SECTION 3 ENSURING ROBUSTNESS OF THE BUILDING FROM DISPROPORTIONATE COLLAPSE FOR THE APPLICABLE CLASS OF THE BUILDING.
THIS DWELLING TO COMPLY WITH TABLE 3.1 CLASS 1 SINGLE FAMILY HOUSES OF NOT MORE THAN 4 STOREYS.
FOR A CLASS 1 BUILDING, GIVEN THAT THE BUILDING HAS BEEN DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE PUBLICATIONS SPECIFIED IN SECTION 2, NO ADDITIONAL MEASURES ARE NECESSARY.
WHERE WORK INVOLVES THE PROVISION, REPLACEMENT OR EXTENSION OF A FIXED BUILDING SERVICE, THE SERVICE SHOULD BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THE PROVISIONS AND STANDARDS GIVEN IN THE DOMESTIC BUILDING SERVICES COMPLIANCE GUIDE
INTERNAL BLOCK WALL TO BE 120 KG/M² MINIMUM BAGS PER UNIT AREA EXCLUDING FINISH - PLASTER ON BOTH SIDES AS TECHNICAL BOOKLET G DIAGRAM 5.3.
CAVITY WALL TO BE 415 KG/M² MINIMUM MASS PER UNIT AREA INCLUDING PLASTER WITH 100MM DENSITY
BLOCKWORK DENSITY TO BE 1990 KG/M³ AS TECHNICAL BOOKLET G, PAGE 12.5

KEYSTONE LINTELS
ALL KEYSTONE LINTELS TO BE DESIGNED CALCULATIONS AND ALL DETAILS TO BE FORWARDED TO BUILDING CONTROL. A MIN OF 3 WEEKS PRIOR TO ERECTION ON SITE.
CORNER POSTS WERE SHOWN TO BE WRAPPED IN DPM AND FILLED WITH GLASSFIBRE INSULATION.
ANY COLD FACED TO BE INSULATED WITH 20MM QUINNTERM INSULATION.

FIRE SAFETY
DWELLING TO BE PROVIDED WITH SMOKE ALARMS COMPLYING WITH BS 5468-1 AND HEAT DETECTORS COMPLYING WITH BS 5468-2 INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF PARAGRAPHS 2.27 TO 2.32.
AT LEAST ONE SMOKE ALARM SHOULD BE PROVIDED (A) IN THE CIRCULATION ROUTES ON EACH STOREY (B) IN THE PRINCIPAL HABITABLE ROOM
AND AT LEAST ONE HEAT DETECTOR SHOULD BE PROVIDED TO KITCHEN THE SMOKE & HEAT DETECTORS SHOULD BE LOCATED TO COMPLY WITH THE PROVISIONS OF PARAGRAPHS 2.27 TO 2.32.
SMOKE AND HEAT ALARMS SHOULD BE INTERCONNECTED SO THAT THEY ALL GIVE AN AUDIBLE ALARM WHEN ANY ONE OF THEM IS ACTIVATED.
A BACK-UP POWER SOURCE TO EACH SMOKE AND HEAT ALARM SHOULD BE PROVIDED BY EITHER:
(i) A PRIMARY OR SECONDARY BATTERY; OR
(ii) A CAPACITOR
SMOKE AND HEAT ALARMS SHOULD BE PERMANENTLY WIRED TO EITHER:
(A) A REGULARLY USED LIGHTING CIRCUIT; OR
(B) A CIRCUIT WHICH -
(i) IS SEPARATELY FUSED AT THE DISTRIBUTION BOARD
SMOKE ALARMS SHOULD BE LOCATED IN THE CIRCULATION ROUTES OF A DWELLING SO THAT THERE IS ONE:
(A) NOT MORE THAN 3M FROM EVERY BEDROOM DOOR
(B) NOT MORE THAN 7.5M FROM EVERY DOOR TO A LIVING ROOM OR KITCHEN; AND
(C) WHERE A CIRCULATION ROUTE ON A STOREY IS MORE THAN 15M LONG - NOT MORE THAN 15M FROM ANOTHER SMOKE ALARM ON THE SAME CIRCULATION ROUTE AND STOREY
SMOKE ALARMS SHOULD BE LOCATED IN A PRINCIPAL ROOM SO THAT NO POINT IN THE ROOM IS MORE THAN 7.5M FROM THE NEAREST SMOKE ALARM. HEAT ALARMS SHOULD BE LOCATED IN A KITCHEN SO THAT NO POINT IN THE KITCHEN IS MORE THAN 5.3M FROM THE NEAREST HEAT ALARM.
A SMOKE ALARM OR HEAT ALARM SHOULD BE LOCATED SO THAT IT IS ON A CEILING AND NOT LESS THAN 30MM FROM WALL OR LIGHT FITTING.
NOT LESS THAN 300MM FROM AND NOT DIRECTLY ABOVE A HEATER OR AN AIR CONDITIONING VENTILATOR.
ON A SURFACE WHICH IS NORMALLY AT THE AMBIENT TEMPERATURE FOR THE SPACE IT BOUNDS AND EASILY AND SAFELY ACCESSIBLE.

INSULATION TABLE (F)

| L I N T O L S C H E D U L E | | | | | |
|-----------------------------|------|---------|------------------|------------------|-----------------|
| S | P | AN | Z I E R | REINFORCEMENT | HIGH YIELD BARS |
| | U | P | TO 100 | 150 x 100mm R.C. | 2no. 10mm BARS |
| | 100m | to 120 | 150 x 100mm R.C. | 2no. 10mm BARS | 2no. 10mm BARS |
| | 120m | to 150 | 150 x 100mm R.C. | 2no. 10mm BARS | 2no. 10mm BARS |
| | 150m | to 200m | 150 x 100mm R.C. | 2no. 10mm BARS | 2no. 10mm BARS |
| | 200m | to 250m | 225 x 100mm R.C. | 2no. 10mm BARS | 2no. 10mm BARS |
| | 250m | to 300m | 225 x 100mm R.C. | 2no. 10mm BARS | 2no. 10mm BARS |

USE KEYSTONE BK / 70 LINTOLS OVER OPENINGS WITH FACINGS AT LINTOL OTHER THAN ABOVE. PROVIDE END BEARING TO LINTOLS TO MATCH DEPTH OF LINTOL. LINTOL SUPPORTING PRECAST CONCRETE FLOOR SLABS TO BE ENGINEER DESIGNED.

NOTES: 1. All reinforcements to be to BS 4443 / Bars to be high yield / 2. Cover to bars to be 20mm + 5mm / 3. Concrete to be C 20 / 4. Hook ends to main bars to be 40mm diameter

Cavity Wall - Insulation for Cavities shall be Sprunglaine Platinum EcoBead Full FLL Blown Insulation. PUMPED INSULATION INSTALLERS CERTIFICATE TO BE SUBMITTED TO BUILDING CONTROL UPON COMPLETION.

Flat Ceiling - Lay 200mm Deep Glassfibre Insulation between Ceiling Joists & 200mm Deep Glassfibre Insulation over Joists with Composite Board to underside of Joists comprising of 50mm Quintherm Insulation and 12.5mm Plasterboard Bonded and Skimmed

Coved Ceilings - Provide 100mm Quintherm HD Insulation between Rafters leaving 50mm Air Space Above. Also Provide Composite Board to Underside of Rafters comprising of 50mm Quintherm HD Insulation, 9.5mm Plasterboard Bonded and Skimmed.

Ground Floor - Lay Carefully (125mm) Quintherm Insulation below Sand/Cement Screed and Above Concrete Sub-Floor

Heating Pipes - All Pipework to Heating and Cold Water Supply shall be Insulated as Pipework Insulation Note Above

Cylinder - Cylinder shall be fitted with factory applied polyurethane coating (min 80mm 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 Quintherm Insulation, Have a Sealed Perimeter and Bolted Shut.

Insulation to Jamb/Head/Cill to be 20mm Thick Polystyrene-Dense Block with Cement Render - Thermal Conductivity of Not Less than 0.45m²/Kw

Insulation between Upper Corner of Wallplate and Sarking Board to be 65mm Thick Fibreglass

Insulation to Vertical Edge of Floor Screed to be 20mm Thick Quintherm Insulation to Have a Thermal Conductivity of Not More than 0.023 W/mK

Meter Cupd: Provide 60mm Quintherm Insulation at this Point

HT 2B

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

MARCUS KERR DESIGN

CLIENT: CORRA CONTRACTS
PROJECT: PROPOSED HOUSING DEVELOPMENT
LOCATION: CORRADINNA ROAD OMAGH
DATE: 15 OCT 2023
SCALE: 1:50
DRAWING TITLE: GROUND FLOOR PLAN

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GROUND FLOOR PLAN (SCALE 1-50)