INFORMATION OF SPECIFIC APPARATUS/ SOUND IN THE DWELLING THE SAME SOFTWARE AS THAT WHICH WAS WHERE SOIL VENT PIPES ARE ENCASED IN WALL PROVIDE 50x25 TIMBER SYSTEMS INSTALLED INCLUDING OPERATIONAL ______ PROVIDE SUITABLE MEANS OF REDUCING AIR INFILTRATION OF COLD AIR FIXED INTERNAL LIGHTING: USED FOR THE 'DESIGN' DER, TO CONFIRM AND MAINTENANCE INSTRUCTIONS, TO ENABLE WITHIN A DWELLING REASONABLE RESISTANCE BY SEALING GAPS BETWEEN DRY LINING AND MASONRY WALLS AT EDGE THAT THE AS BUILT DER IS EQUAL TO OR THE DWELLING AND ITS FIXED SERVICES TO BE A DURABLE NOTICE SHALL BE FIXED TO THE PASSAGE OF AIRBOURNE SOUND SHALL BE OF OPENINGS SUCH AS WINDOWS AND DOORS AND AT JUNCTIONS WITH LESS THAN THE TARGET CARBON DIOXIDE USED IN AN ENERGY EFFICIENT MANNER. WITHIN METER CUPBORAD FOR EACH ALL FIRST FLOOR APPLIANCES TO HAVE DEEP SEAL WASTE TRAPS PROVIDED BY -WALLS FLOORS AND CEILINGS. SEALING GAPS BETWEEN FRAMES AND EMISSION RATE (TER). A COPY OF THE ' HEARTH, FIREPLACE AND FLUE STATING OPENINGS AND DRAUGH PROOFING THE OPENABLE ELEMENTS OF AS BUILT' TO BE SUBMITTED TO BUILDING SOIL VENT PIPE TO TERMINATE AS SHOWN ON ELEVATION AT LEAST 1m A NOTICE CONFIRMING THAT ALL FIXED BUILDING (A) INTERNAL WALLS THAT SEPARATE VINDOWS DOORS AND ROOFLIGHTS, SEALING HATCHES TO UNHEATED CONTROL. ABOVE ANY WINDOW WITHIN 3m (MEASURED HORIZONTALLY) AND FITTED (I) A BEDROOM; AND SERVICES HAVE BEEN PROPERLY COMISSIONED FLOOR AND ROOF VOIDS, SEALING SERVICE PENETRATIONS AT FLOOR TYPE OF APPLIANCE WITH PVC WEATHER CAWL IF EXTERNAL SHALL BE PROVIDED AND COPY SHALL BE GIVEN (II) A ROOM CONTAINING A WATER CLOSET AND CEILING JUNCTIONS WHERE SERVICES ARE NOT BOXED IN. SEALING A SAP RATING NOTICE OF THE BUILDING TYPE, SIZE AND MANUFACTURER OF FLUE OR LINER WHERE SVP TERMINATES WITH AIR ADMITTANCE VALVE IT SHALL BE TO THE DISTRICT COUNCIL AND THE BUILDING AROUND JOIST ENDS WHERE JOISTS ARE BUILT INTO EXTERNAL WALLS FLUORESCENT LAMPS WILL BE PERMANENTLY ON DISPLAY IN INSTALLERS NAME AND DATE OF INSTALLATION BISON OR OTHER EQUALLY APPROVED AND FITTED WITH POLYSTYRENE OWNER, THE NOTICE SHALL BE SIGNED BY A FROM ANY OTHER ROOM: AND CFLS) WITH A BAYONET CAP OR EDISON SCREW BASE, OR TUNGSTEN HALOGEN LAMPS THE BUILDING ADJACENT OR WITHIN SEALING VAPOUR CONTROL MEMBRANES IN TIMBER FRAMED CONSTRUCTION COVER SUPPLIED SUITABLY QUALIFIED PERSON THE METER CUPBOARD. (B) ALL INTERNAL FLOORS. ______ WASTE PIPE FROM WC SHALL BE 110mm DIA AND 50mm FROM ALL OTHER FIXED EXTERNAL LIGHTING: **INTERNAL TRIM** HEAT SOURCE RADON APPLIANCES LAID TO SUITABLE FALL APPROPRIATE SOUND INSULATION TESTING TO BE LATERAL RESTRAINT CARRIED OUT IN ACCORDANCE WITH A PROCEDURE LATERAL RESTRAINT TO EVERY LAST 3NO JOISTS AND RAFTERS INTO IF DWELLING FALLS WITHIN RADON ZONE 1 FIT A FULLY SEALED A 50mm DIA BRANCH PIPE SHALL ENTER THE STACK AT LEAST 200mm DWELLING TO BE PROVIDED APPROVED BY THE DEPARMENT AND: 40MM WHITE OAK 4 PANEL DOORS ELECTRICITY SUPPLY FROM THE DWELLING SHALL: WITH CONDENSING OIL BOILE WALL AT 2m CRS MAX AS ELEVATIONS WITH GALVANISED STEEL STRAPS MEMBRANE OF LOW PERMEABILITY IN LIEU OF D.P.M. AS SECTIONS. BELOW A WC CONNECTION WHERE IT ENTERS THE STACK OPPOSITE NOT MORE THAN 5 DAYS AFTER COMPLETION OF THE FULLY SEAL JOINTS, SERVICE DUCTS AND SERVICE PENETRATIONS. WITH EFFICIENCY OF 93.3% AS TESTING GIVE A NOTICE IN WRITING TO THE STATED ON PLAN A.WHEN THERE IS ADEQUATE DAYLIGHT; AND WHERE A BRANCH PIPE ENTERS THE STACK AT RIGHT ANGLES TO THE WC DISTRICT COUNCIL STATING THE RESULTS OF THE MANUFACTURERS INSTRUCTIONS MEMBRANE TO BE CONTINUOUS ACROSS CAVITY TO EXTERNAL LEAF. 150X18 OAK MOULDED SKIRTINGS B.WHEN NOT REQUIRED AT NIGHT; OR COMBUSTIBLE MATERIAL THEN IT MAY ENTER AT THE SAME LEVEL AND STANDARD RADIATORS IF DWELLING FALLS WITHIN RADON ZONE 2 INSTALL A RADON SUMP AND SOUND INSULATING TESTING REFERRED TO IN (A 100X18 OAK MOULDED ARCHITRAVES 100MM DIA EXTRACTION PIPE, SEALED TO PREVENT RAINWATER OR RODENT 50mm DIA WASTES NOT DIRECTLY OPPOSITE MAY ENTER THE STACK WITH PROVIDE TWIN BALANCED FILLE 18MM OAK BULLNOSED SILL BOARDS TRIM BACK ALL COMBUSTIBLE MATERIAL A MINIMUM A MINIMUM OF 38mm EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT-WATT. A MIN OFFSET OF 110mm ON A 110mm DIA STACK A MIN OF 600MM AWAY FROM ANY PROVIDE MOULDED CORNICES TO LOUNGE FROM ANY CHIMNEY STACK AND USE SUITABLE TRIMMERS PROVDE SUITABLE ACCESS IN FLOOR DECKING FOR RODDING PURPOSES ______ WHERE WORK INVOLVES THE PROVISION REPLACEMENT THE GUIDANCE GIVEN IN SECTION 4 OF TECHNICAL BOOKLET D CARBON MONOXIDE ALARMS GLAZING SECTION 3 - DISPROPORTIONATE COLLAPSE OR EXTENSION OF A FIXED BUILDING SERVICE THE SERVICE CENTRAL HEATING AND HOT WATER SYSTEMS ALL PROPOSED COMBUSTION APPLIANCES 2012 HAS BEEN FOLLOWED TO DEMONSTRATE COMPLIANCE OUGHOUT DWELLING WITH 16MM+ AIR GAP AND INCORPORATING TO BE DESIGNED, INSTALLED AND COMMISSIONED WITH THE REQUIREMENTS OF REGULATION 30 IN PART D TO BE CAPABLE OF BURNING OR ADAPTED THIS DWELLING TO COMPLY WITH SECTION 3 ENSURING ARBON MONOXIDE ALARMS SHOULD COMPLY WITH BS EN 50291 AND BE POWERED LOW-E GLAZING (EN=0.05) FOR THE PURPOSES OF CONSERVATION OF FUEL THIS INCLUDES PAR TO BURN SMOKELESS FUELS ROBUSTNESS OF THE BUILDING FROM DISPORTIONATE BUILDING SERVICES COMPLIANCE GUIDE COLLAPSE FOR THE APPLICABLE CLASS OF THE BUILDING 4A - BASIC REQUIREMENTS FOR STABILITY BY A BATTERY DESIGNED TO OPERATE FOR THE WORKING LIFE OF THE ALARM. GLAZING TO CRITICAL LOCATIONS TO SATISFY THE TEST REQUIREMENTS OF BS 6206 CLASS C. CRITICAL LOCATIONS AND POWER AND HANDED OVER IN EFFICIENT THE ALARM SHOULD INCORPORATE A WARNING DEVICE TO ALERT USERS WHEN WORKING ORDER 4B - ROOF CONSTRUCTION INTERNAL BLOCK WALL TO BE CONTRACTOR TO CHECK ALL DIMENSIONS BELOW 800mm FROM FFL IN WINDOWS THE WORKING LIFE OF THE ALARM IS DUE TO PASS. MAINS POWERED BS EN 50291 TYPE A 4C - DESIGN OF MASONRY WALLS 120 KG/M2 MINIMUM MASS PER UNIT AREA THIS DWELLING TO COMPLY WITH TABLE 3.1 CLASS 1 AND REPORT ANY QUERIES TO ARCHITECT BELOW 1500mm FROM FFL IN DOORS AND SIDELIGHTS (WITHIN 300mm OF DOOR). CENTRAL HEATING AND HOT WATER SYSTEMS CARBON MONOXIDE ALARMS WITH FIXED WIRING (NOT PLUG-IN TYPES) MAY BE USED AS 4D - PROPORTIONS FOR MASONRY CHIMNEYS EXCLUDING FINISH - PLASTER ON BOTH SIDES SINGLE FAMILY HOUSES OF NOT MORE THAN 4 STOREYS ALTERNATIVE APPLICATIONS PROVIDED THEY ARE FITTED WITH A SENSOR FAILURE WHERE GLAZING TO DOORS OR SIDELIGHTS EXCEED 900mm WIDE IT SHALL SATISFY THE TEST REQUIREMENTS OF BEFORE COMMENCING ON SITE TO BE COMMISSIONED IN ACCORDANCE WITH 4E - DESIGN OF CONCRETE STRIP FOUNDATIONS AS TECHNICAL BOOKLET G DIAGRAM 5.3 THE PROCEDURE GIVEN IN THE DCLG FOR A CLASS 1 BUILDING, GIVEN THAT THE BUILDING HAS BEEN DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH TRUSSED RAFTER ROOFS TO BE BRACED IN ACCORDANCE STUDWORK PUBLICATION DOMESTIC HEATING CAVITY WALL TO BE 415 KG/M2 MINIMUM THE CARBON MONOXIDE ALARM SHOULD BE LOCATED -COMPLIANCE GUIDE THE PUBLICATIONS SPECIFIED IN SECTION 2, NO ADDITIONAL WITH BS 5268 MASS PER UNIT AREA INCLUDING PLASTER (A) ON THE CEILING AT LEAST 300MM FROM ANY WALL OR, IF IT IS LOCATED ON A WALL, TIMBER FOR STUDWORK TO BE EX 100 x 50 WITH VERTICAL STUDS AT 400 CRS MAX FIX AT MASONARY WORK WITH CEILING MOUNTED SMOKE ALARMS WITH 100MM CAVITY AS HIGH UP AS POSSIBLE (AND ABOVE THE HEIGHT OF ANY DOORS OR WINDOWS) BUT MEASURES ARE NECESSARY M8 BOLTS AT 450 AT 450 CRS MAX INSLATED WITH 100mm GLASSFIBBE AND SHEETED FITHER SIDE WITH 9mm PLY FITTED APPLIANCES SHALL HAVE A SPILLAGE SHOULD BE SITED NOT LESS THAN NOT WITHIN 150MM OF THE CEILING: AND WOOD 9.5mm PLASTERBOARD BONDED AND SKIMMED PROVIDE 18mm EXTERIOR GRADE PLYWOOD BUILDING PAPER AND TEST CARRIED OUT UNDER FIRE BLOCKWORK DENSITY TO BE 1990 KGM3 300MM FROM WALL OR LIGHT FITTING (B) BETWEEN 1000 MM AND 3000 MM HORIZONTALLY FROM THE APPLIANCE EXPANDED METL LATH TO SHOWER AREA TO RECEIVE TILES AND ALL OTHER AREAS TO BE TILED. TRAPDOOR СМД ROVIDE INSULATED TRAPDOOR WHERE SHOWN ON PLAN AA WITH SEALED PERIMETER AND BOLTED SHUT. **CEILING MOUNTED** PROVIDE DOUBLE TRUSSES EACH SIDE OF PROPOSED CEILING MOUNTED CEILING MOUNTED **CARBON MONOXIDE** 10900 SMOKE ALARM DETECTOR_ (B) IN THE PRINCIPAL HABITABLE ROOM 1500 1800 1250 3700 3050 600X1650 600X1650 2100 HEAD 2100 HEAD RODDABLE (II) A CAPACITOR RODDABLE STEPS 150 dia perm (B) A CIRCUIT WHICH wood burning **RISE 125** GOING 300 800 50mm MAX THRESHOLD 800mm MIN LANDING 215 AND STOREY STEPS AACMD **RISE 125** GOING 300 THAN 5.3M FROM THE NEAREST HEAT ALARM. 50mm MAX THRESHOLD 800mm MIN LANDING SHADED AREA INDICATES CLEAR SPACE FOR WHEELCHAIR USER 1500X1050 EXT FAN AS NOTES 2100 HEAD ______ EXT FAN AS ||OUTBETWEEN / & JOISTS ___ DINETTE ISLAND UNIT STANDARD (AS CLIENT'S ELECTRIC | CHOICE COOKER CEILING MOUNTED HEAT DETECTOR 220 X 50 C16 TIMBER FLOOR JOISTS @ 400 CRS 220 X 50 C16 TIMBER FLOOR JOISTS @ 400 CR STAIRS RISE 189.46 GOING 230 900MM 220 X 50 C16 TIMBER **HIGH HANDF** DENOTES 215 X 100MM FLOOR JOISTS @ POSITION OF REIN CONC ABOVE LANDIN 400 CRS RADON SUMP AND PITCH LINTELS OVER TO SUPPORT LINE OF STAIRS WITH **CHIMNEY BREAST** HIGH LEVEL BALUSTRADES PERMANENT SPACED 95MM **VENT AS NOTES** APART 1000 СМД СМД SITTING ROOM LIVING ROOM HIGH LEVEL PERMANENT **VENT AS NOTES** 220 X 50 C16 TIMBER АА FLOOR JOISTS @ 400 CRS 50MM TELECOMS DUCT RODDABLE 1800X1650 2100 HEAD 2100 HEAD 300MM INNER LEAF TO HIDE GL 0000 PRINCIPAL RAMPED ACCESS **ENTRANCE** 4000 4000 2100 300 100 100 300 1000 1400 1800 900 850 850 900 1800 1400 TO STORM SYSTEM AT ROAD 4100 4100 2700 AN INSPECTION CHAMBER MUST TO FOUL SYSTEM AT ROAD BE PROVIDED WITHIN 12.5M OF CONNECTION TO SEWER AT ROAD AN INSPECTION CHAMBER MUST **GROUND FLOOR PLAN** BE PROVIDED WITHIN 12.5M OF CONNECTION TO SEWER AT ROAD

A NOTICE PLATE COMPLYING WITH TECHNICA

BOOKLET L DIAGRAM 2.8 SHALL BE FITTED

AT COMPLETION STAGE AN 'AS BUILT' DER

CALCULATION WILL BE COMPLETED LISING

BUILDING OWNER TO BE GIVEN SUFFICIENT

LIGHTING

SVP/WASTES

PASSAGE OF

AIR INFILTRATION

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. IFLUORESCENT AND DEDICATED COMPACT FLUORESCENT LIGHT FITTING WOULD MEET THIS REQUIREMENT, BUT THOSE ACCOMMODATING GLS TUNGSTEN LAMPS AND COMPACT

EXTERNAL LIGHTING PERMANENTLY FIXED TO AN EXTERNAL SURFACE OF THE DWELLING AND LINDER THE DIRECT CONTROL OF THE OCCUPANT BY HAVING AN I.HAVE A MAXIMUM OUTPUT OF 100W PER FITTING AND AUTOMATICALLY SWITCH OFF

II.HAVE SOCKETS THAT CAN ONLY BE FITTED WITH LAMPS HAVING A LUMINOUS

KEYSTONE LINTELS SHOULD BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ALL KEYSTONE LINTELS TO BE DESIGNED THE PROVISIONS AND STANDARDS GIVEN IN THE DOMESTIC AS KEYSTONE TECHNICAL DEPARTMENTS

CALCULATIONS AND ALL DETAILS TO BE FORWARDED TO BUILDING CONTROL A MIN OF 3 WEEKS PRIOR TO ERECTION

GLASSFIBRE INSULATION. WITH 20MM QUINNTHERM INSULATION.

CORNER POSTS WHRE SHOWN TO BE WRAPPED IN DPM AND FILLED WITH ANY COLD FACES TO BE INSULATED

FIRE SAFETY

DWELLING TO BE PROVIDED WITH SMOKE ALARMS COMPLYING WITH BS 5446-1 AND HEAT DETECTORS COMPLYING WITH BS 5446-2 INSTALLED IN ACCORDANCE WITH PARAGRAPHS 2.25 TO 2.33 AT LEAST ONE SMOKE ALARM SHOULD BE PROVIDED (A) IN THE CIRCULATION ROUTES ON EACH STORE

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

SMOKE AND HEAT ALARMS SHOULD BE PERMANENTLY WIRED TO EITHER -(A) A REGULARLY USED LIGHTING CIRCUIT; OR

(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 THAT 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 - NOIT MORE THAN 15M FROM ANOTHER SMOKE ALARM ON THE SAME CIRCULATION ROUTE

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

A SMOKE ALARM OR HEAT ALARM SHOULD BE LOCATED SO THAT IT IS ON A CEILING AND NOT LESS THAN 300MM FROM WALL OR LIGHT FITTING NOT LESS THAN 300MM FROM AND NOT DIRECTLY ABOVE A HEATER OR AN AIR

ON A SURFACE WHICH IS NORMALLY AT THE AMBIENT TEMPERATURE FOR THE SPACE IT BOUNDS AND. EASILY AND SAFELY ACCESSIBLE

VENTILATION OF DWELLING

SYSTEM 1 - BACKGROUND VENTIL ATORS AND INTERMITTENT EXTRACT FAN TO BE ADOPTED FOR THIS DWELLING.

ALL NATURAL AND MECHANICAL SYSTEMS SHOULD BE FULLY COMMISSIONED

INTERMITTENT EXTRACTOR FAN IN KITCHEN TO BE INCORPORATED WITHIN

COOKER HOODS SHOULD BE 650 MM TO 750 MM ABOVE THE HOB SURFACE

EXTRACTOR FAN IN UTILITY CAPABLE OF EXTRACTING 30 LITRES/SEC

RIGID DUCTING AND PROVIDED WITH A CONDENSATE TRAP.

500MM² EQUIVALENT AREA IN EACH WET ROOM.

BACKGROUND VENTILATION

OF TECHNICAL BOOKLET K 2012.

TO TURN THE EXTRACT ON MANUALLY.

ABOVE FLOOR LEVEL.

RAPID VENTILATION

USE BY OCCUPANTS.

EXTRACT FANS

OPEN AIR VENT.

BE CARRIED OUT

2 AND 5 SHOULD BE CARRIED OUT

OPERATION OF THE APPLIANCE.

JOISTS SEE TABLE

DISABLED

RAMPED APPROACH:

BETWEEN RAMPS

15MM MAX THRESHOLD.

OTHERWISE STATED ON PLAN.

ABOVE FLOOR LEVEL

VENTILATION TO OPEN FLUED OIL FIRED APPLIANCE:

NO. OF ROWS OF STRUTTING

2 AT ONE THIRD SPAN

OPERATION OF THE MAIN ROOM LIGHT SWITCH

SURFACE, IF THE FINISH HAS NOT BEEN FITTED

EXTRACTOR FANS IN BATHROOM/SHOWER ROOM/ ENSUITES TO BE CAPABLE OF

EXTRACTING AT LEAST 15 LITRES OF AIR/SEC & INSTALLED WITHIN 400MM OF CEILING

EXTRACTOR FAN IN BATHROOM AND EN SUITE TO HAVE A 15 MIN OVERRUN FACILITY

EXTRACTOR FANS TO BE DUCTED TO SOFFIT/EXTERNAL WALL USING INSULATED

BACKGROUND VENTILATORS SHOULD BE LOCATED IN ALL ROOMS WITH EXTERNAL

WALLS, WITH AT LEAST 5,000MM2 EQUIVALENT AREA IN EACH HABITABLE ROOM AND

THE TOTAL EQUIVALENT VENTILATOR AREA SHOULD BE DETERMINED USING TABLE 2.3

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 FUEL TO AVOID THE BUILD UP OF COMBUSTION BY PRODUCTS.

-ANY AUTOMATIC CONTROL SHOULD HAVE AN OVERRIDE FACILITY TO ALLOW THE OCCUPANT

-IN A ROOM WITH NO OPENABLE WINDOW (INTERNAL ROOM) AN INTERMITTENT EXTRACT FAN

HUMIDISTAT. IN ROOMS WITH NO NATERAL LIGHT, THE FANS COULD BE CONTROLLED BY THE

SHOULD HAVE AN OVERRUN OF AT LEAST 15 MINS EXCEPT WHRE IT IS CONTROLLED BY A

-BACKGROUND VENTILATORS SHOULD BE LOCATED TO AVOID DRAUGHTS - TYPICALLY 1.7M

-BACKGORUND VENTILATORS MAY BE EITHER MANUALLY ADJUSTIBLE OR AUTOMATICALLY

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

TO ENSURE GOOD TRANSFER OF AIR THROUGHOUT THE DWELLING, THERE SHOULD BE

AN UNDERCUT OF MINIMUM AREA 7600 MM2 IN ALL DOORS WITHIN THE DWELLING ABOVE

THE FLOOR FINISH IF G. THIS IS FOLIVALENT TO AN LINDERCLIT OF 10MM FOR A STANDARD

760MM WIDE DOOR. THIS SHOULD BE ACHIEVED BY MAKING AN UNDERCUT OF 10MM ABOVE

EXTRACT FANS SHOULD BE QUIET DURING OPERATION SO AS NOT TO DISCOURAGE THEIR

THE AVERAGE A-WEIGHTED SOUND PRESSURE LEVEL IN NOISE SENSITIVE ROOMS SUCH AS

MECHANICAL VENTILATON SYSTEM ON ITS MINIMUM LOW BATE SHOULD NOT EXCEED THESE

IN ORDER TO MINIMISE NOISE ENTERING THE BUILDING THROUGH THE VENTILATION SYSTEM.

IT MAY BE APPROPRIATE TO USE SOUND ATTENUATING VENTILATION PRODUCTS DEPENDING

THE MINIMUM PERFORMANCE REQUIREMENTS OF THE PRODUCTS CHOSEN FOR SYSTEM 1

SHOULD BE MEASURED IN ACCORDANCE WITH THE TEST METHODS REFERRED TO IN

OPEN APPLIANCE SUCH AS AN OPEN FIRE WITH NO THROAT, E.G. A FIRE UNDER AND OPEN CANOPY PERMANENTLY OPEN AIR VENT(S) WITH A TOTAL FREE AREA OR NOT LESS THAN 50% OF THE CROSS-SECTIONAL AREA OF THE FILLE OPEN APPLIANCE

SUCH AS AN OPEN FLUE WITH A THROAT PERMANENTLY OPEN AIR VENT(S) 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

LESS THAN 300MM2 PER KW FOR EACH OF THE FIRST 5 KW OF APPLIANCE RATED

KW OF APPLIANCE RATED HEAT OUTPUT ABOVE 5 KW. OTHER APPLIANCE, SUCH AS A STOVE, COOKER OR BOILER, WITH NO FLUE DRAUGHT STABILISER.

THAN 500MM2 FOR EVERY KW OF APPLIANCE RATED HEAT OUTPUT ABOVE 5 KW.

IN BUILDINGS WHERE IT IS INTENDED TO INSTALL AN OPEN-FLUED APPLIANCE

WHETHER OR NOT THE FAN IS RUNNING. TO MINIMISE THE RISK OF SPILLAGE

THE ROOM EXTRACT FAN RATE SHALL NOT EXCEED 20 LITRES/SECOND (72 M3/HOUR), AND A SPILLAGE TEST AS RECOMMENDED IN BS5440-1: SHALL

OF FILLE GAS THE FOLLOWING PROVISIONS SHOULD APPLY

AND AN EXTRACT FAN. THE COMBUSTION APPLIANCE SHOULD OPERATE SAFELY

FOR A GAS APPLIANCE - WHERE A ROOM CONTAINS AN OPEN-FLUED APPLIANCE,

FOR AN OIL APPLIANCE - THE EXTRACT RATE SHOULD BE LIMITED TO 40 LITRES/

APPLIANCE WITH A VAPORISING BURNER. WHEN SPILLAGE OR FLUE DRAUGHT

VENTUATION TO THE ROOM OR SPACE. A FILIE DRAUGHT INTERFERENCE TEST

FOR A SOLID FUEL APPLIANCE - A ROOM EXTRACT FAN SHALL NOT BE INSTALLED

IN THE SAME ROOM. IF MECHANICAL EXTRACTION IS UNAVOIDABLE THEN SEEK

SPECIALIST ADVICE FROM A MECHANICAL/SERVICE ENGINEER TO ENSURE SAFE

OPEN FLUED OIL FIRED APPLIANCES SHALL HAVE A FREE AREA OF PERMANENTL 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.

BRIDGING BETWEEN JOISTS

FOR OPEN FLUED APPLIANCES AND ROOM SEALED APPLIANCES WITHIN COMPARTMENTS, THE COMPARTMENT MUST BE VENTILATED IN ACCORDANCE

WITH TECHNICAL BOOKLET L.

PROVIDE 38x38 S/W HERRINGBONE BRIDGING BETWEEN ALL FLOOR

ACCESS/FACILITIES FOR

PROVIDE LEVEL OR RAMPED APPROACH TO DWELLING AT "PRINCIPAL ENTRANCE" AS INDICATED "LEVEL ACCESS" ON PLAN, LEVEL

WHERE RAMP LENGTH EXCEEDS 5M SLOPE NOT TO EXCEED 1 IN 15 WHERE THE LENGTH IS 5M OR LESS THE SLOPE SHALL NOT EXCEED

LANDINGS TO BE 1200MM AT TOP & BOTTOM OF FLIGHT AND 1500MM

APPROACH ROUTE TO DWELLING TO BE FIRM AND EVEN AND AT LEAST

THE PRINCIPAL ENTRANCE DOOR TO BE NOT LESS THAN 775MM AND

PROVIDE A CLEAR SPACE OF NOT LESS THAN 900 X 750MM IN FRONT

INTERNAL DOORS ON GROUND FLOOR SHALL BE 838 WIDE UNLESS

450MM MIN AND 1200MM MAX FROM FLOOR LEVEL.

WALL MOUNTED SOCKETS AND SWITCHES SHALL BE LOCATED WITHIN

PULL CORD SWITCHES SHALL TERMINATE NOT MORE THAN 1200MM

APPROACH TO BE FIRM AND EVEN AND NO MORE THAN 1 IN 20

GRADIENT AND NOT LESS THAN 900MM WIDE.

FOR OIL-FIRED APPLICATIONS AS DESCRIBED IN OFTEC TECHNICAL BOOKLETS

SECOND WITH A PRESSURE JET BURNER AND 20 LITRES/SECOND FOR AN

INTERFERENCE IS IDENTIFIED. IT MAY BE NECESSARY TO ADD ADDITIONAL

INTERACTION OF MECHANICAL EXTRACT VENTILATION AND OPEN-FIRED COMBUSTION

PERMANENTLY OPEN AIR VENT(S) WITH A TOTAL FREE AREA OR NOT LESS

HEAT OUTPUT PLUS A TOTAL FREE AREA OF NOT LESS THAN 850MM2 FOR EVERY

BATHROOMS SHOULD NOT EXCEED 35 dB Laeq, T. NOISE FROM A CONTINUOUSLY RUNNING

REASONABLE PROVISION SHOULD BE MADE TO LIMIT THE NOISE FROM MECHANICAL

LIVING ROOMS AND BEDROOMS SHOULD NOT EXCEED 30 dB aeg, T. KITCHENS AND

ON THE NOISE LEVEL AND ANY IMPOSED PLANNING CONDITIONS.

ROOM CONTAINING OPEN-FLUED APPLIANCE WILL HAVE A CONTINUOUS

SUPPLY OF AIR FROM OUTSIDE THE BUILDING THROUGH A PERMANENTLY

AIR SUPPLY TO SOLID FUEL BURNING APPLIANCES

TYPE OF APPLIANCETYPE AND AMOUNT OF VENTILATION

THE FITTED FLOOR FINISH, OR BY A 20MM UNDERCUT ABOVE THE FLOORBOARDS, OR OTHER

PROVIDE THIS. HOWEVER WHERE THEY CANNOT, A MECHANICAL EXTRACT SYSTEM

DIRECTLY TO OUTSIDE. IN NORMAL CIRCUMSTANCES, OPENABLE WINDOWS OR DOORS CAN

THE OCCUPANTS - PULL CORDS OR SIMILAR DEVICES SHOULD BE PROVIDED

SHOULD BE PROVIDED. IN OTHER ROOMS, EG KITCHENS & BATHROOMS, THE

MECHANICAL EXTRACT PROVISIONS SHOULD PROVIDE ADEQUATE VENTUATION

COOKER HOOD & CAPABLE OF EXTRACTING 30 LITRES OF AIR/SEC

THIS TO BE ACHIEVED BY MEANS OF ENVIRO VENT POSITIVE INPUT VENTILATION SYSTEM AS DESIGNED BY CONDENSATION SOLUTIONS, GRACEMOUNT PARK, BELFAST

AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS

IN ACCORDANCE WITH THE GUIDANCE GIVEN IN THE "DOMESTIC VENTILATION

TO THE COUNCIL ON REQUEST

FOUNDATION

BRICK/BLOCKWORK/FACING STONE

OUNDATION SHALL BE TAKEN DOWN A MINIMUM OF 750mm UNTIL A HARD BEARING IS REACHED. WHERE FOUNDAT

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 FORWAF

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 COMPACT

IF HARDCORE EXCEEDS 600mm DEEP AT ANY ONE POINT USE CONC PRECAST PRESTRESSED T-BEAMS AS PER MAI

BLOCKWORK TO CAVITY WALLS SHALL BE AS FLOOR PLAN WITH 100MM CAVITY WIDTH, WALL TIES SHALL BE STAINLESS STEEL TYPE AS MANUFACTURERS DETAILS

INSERTED AS FOLLOWS HORIZONTIALLY AT 750MM CRS MIN

> VERTICALLY AT 450MM CRS MIN VERTICALLY AT REVEALS AT 215MM CRS MIN

WALL TIES TO STONE FACING WHERE SPECIFIED SHALL BE STAINLESS

STEEL TYPE INSERTED AS FOLLOWS: HORIZONTALLY AT 750MM CRS MIN

VERTIICALLY AT 450MM CRS MIN VERTICALLY AT REVEALS AT 215MM CRS

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

PIPE DIAMETER (OD)MAXIMI IM PERMISSIRI E HEAT LOSS (W/M

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 (IN LINE WITH THE MAXIMUM PERMISSIBLE HEAT LOSS INDICATED IN THE SUPPLEMENTARY INFORMATION COLUMN.

TABLE F1 INSULATION FOR PIPE-WORK

AND LABELLED ACCORDINGLY.

WHERE MANUAL CONTROLS ARE PROVIDED, THEY SHOULD BE WITHIN REASONABLE REACH OF

28MM10.07 35MM11.08 42MM12.19

ALL PIPE-WORK TO BE INSULATED AND LABELLED ACCORDINGLY AS COMPLYING WITH THE DOMESTIC HEATING COMPLIANCE GUIDE

PRIMARY CIRCUITATION PIPES FOR HEATING AND HOT WATER CIRCUITS MUST BE INSUITATED 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 HROUGHOUT THEIR LENGTH, SUBJECT ONLY TO PRACTICAL CONSTRAINTS IMPOSED BY THE NEED TO PENETRAT

JOISTS AND OTHER STRUCTURAL ELEMENTS ALL PIPES CONNECTED TO HOT WATER STORAGE VESSELS, INCLUDING THE VENT PIPE, MUST BE INSULATED FOR A LEAST 1M FROM THEIR POINT OF CONNECTION TO THE CYLINDER (OR THEY SHOULD BE INSULATED UP TO THE POIN' WHERE THEY BECOME CONCEALED). IF SECONDARY CIRCULATION IS USED, ALL PIPES KEPT HOT BY THAT CIRCULA MUST BE INSULATED

LINTOL SCHEDULE REINFORCEMENT : HIGH YIELD BARS UP to 1.0m 150 x 100mm R.C. Ino. 10mm BAR 2no. 10mm BARS 1.0m to 1.2m 150 x 100mm R.C. 1no. 10mm BAR 2no. 10mm BARS 1.2m to 1.5m 150 x 100mm R.C. Ino. 10mm BAR 2no. 12mm BARS .5m to 2.0m 215 x 100mm R.C. Ino. 10mm BAR 2no. 12mm BARS Om to 2.5m 225 x 100mm R.C. 2no. 10mm BARS R.C. LINKS • 100 centres im to 3.0m 225 x 100mm R.C. 2no. 10mm BARS

USE KEYSTONE SK / 70 LINTOLS OVER OPENINGS WITH FACING AT LINTOL LEVEL AND OVER OPENINGS WIDER THAN 3.0m PROVIDE END BEARING TO LINTOLS TO MATCH DEPTH OF LINTOL LINTOLS SUPPORTING PRECAST CONCRETE FLOOR SLABS TO BE ENGINEER DESIGNED Cover to bars to be 30mm + 5mm
Concrete to be C 25 P
Hook ends to main bars to be 40mm diameter

INSULATION TABLE (F)

CAVITY WALL - INSULATION FOR CAVITIES SHALL BE SPE 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 QUINNTHERM INSULATION AND 12.5MM PLASTERBOARD BONDED AND

COVED CEILINGS - PROVIDE 100MM QUINNTHERM HD INSULATION BETWEEN RAFTERS LEAVING 50MM AIR SPACE ABOVE. ALSO PROVIDE COMPOSITE BOARD TO UNDERSIDE OF RAFTERS COMPRISING OF 50MM QUINNTHERM HD INSULATION. 9.5MM PLASTERBOARD BONDED AND SKIMMED

GROUND FLOOR - LAY CAREFULLY (125MM) QUINNTHERM 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

COLD WATER STORAGE TANK- TANK TO BE FITTED WITH SUITABLE COVER AND 100MM THICK FIBRE FILLED INSULATION WRAPPING

FRAPDOOR TO BE INSULATED WITH 60MM THICK QUINNTHERM INSULATION, HAVE A SEALED PERIMETER

INSULATION TO JAMB/HEAD/CILL TO BE 20MM THICK POLYSTYRENE-DENSE BLOCK WITH CEMENT

RENDER - THERMAL CONDUCTIVITY OF NOT LESS THAN 0.45M2K/W

INSULATION BETWEEN UPPER CORNER OF WALLPLATE AND SARKING BOARD TO BE 65MM THICK

INSULATION TO VERTICAL EDGE OF FLOOR SCREED TO BE 20MM THICK QUINNTHERM

INSULATION TO HAVE A THERMAL CONDUCTIVITY OF NOT MORE THAN 0.023 W/MK METER CUPD: PROVIDE 60MM QUINNTHERM INSULATION AT THIS POINT

HT 2B

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

CORRADINNA ROAD OMAGH **GROUND FLOOR PLAN**

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