A) ROOM THERMOSTATIC RADIATOR VALVES TO CONTROL THE TEMPERATURES INDEPENDENTLY IN

ZONES THAT REQUIRE DIFFERENT TEMPERATURES SUCH AS SEPERATE SLEEPING AND LIVING AREAS. THESE METHODS SHOULD NOT PREVENT THE USE OF A RADIATOR AS A HEAT LEAK IN A SOLID FUEL.

SYSTEM OFFENTES:

(T) TO MINIMES BOLLER CYCLING A GAS OR OIL FIRED BOILER SHALL SWITCH OFF WHEN THERE IS NO DEMAND FOR HEAT AND WHERE A SPACE HEATING SYSTEM IS CONTINULED SCLEYBY THERMOSTATIC REQUISTOR VALVES. THE SYSTEM SHALL BETHEF WITH FLOW CONTINU. OF OPHER ANTI-CYCLING DEVICE.

D) NOTES AS & C SHALL NOT APPLY TO NOMINOUAL SOLID FUEL. GAS OR ELECTRIC FIRES AND ROOM HEATERS WITH MERGINE CONTINUE.

INSULATION OF HOT WATER STORAGE VESSELS.

METHOD 1 - PROVIDING THE EYNTILATION RATES SET OUT IN PARAGRAPHS 2.5 TO 2.7; OR
METHOD 2 - FOLLOWING THE SYSTEM GUIDANCE SET OUT -
(1) FOR DWELLINGS WITHOUT BASEMENTS (PARAGRAPHS 2.2 TO 2.10s); OR
(10) FOR DWELLINGS WITH BASEMENTS (PARAGRAPHS 2.2 TO 3.70s); OR
(10) FOR DWELLINGS WITH BASEMENTS (PARAGRAPHS 2.2 TO 17.2 1.0s); OR
METHOD 3 - USING OTHER VEHTILATION SYSTEMS (PARAGRAPH 2.10s); OR
1.2 THERE SHOULD BE REASONABLE ACCESS PROVISION FOR MANTENANCE. THIS SHOULD
1.2 THERE SHOULD BE REASONABLE ACCESS PROVISION FOR MANTENANCE. THIS SHOULD
1.2 THE STATE OF THE PAPPLOR OF COMMAND STATES, REPLACING DEFECTIVE
2.3 EXTRACT FAINS AND VEHTLATION SYSTEMS LOWER THE PRESSURE IN A BUILDING, WHICH
CAN CAUSE THE SPILLAGE OF FOR BUILDERING AND EXPENSE OF THE PAPPLOR
CELLING SWEEP SHALE GOF FOR SHEEP SHALE WITH STATES AND EXPENSIONS THO
WHICH CAN ALSO CAUSE THE SPILLAGE OF FULLE GASES FROM OPEN-FULLED GAS
APPLIANCES OF FORM SOLD (PUEL OFFER FIRES. IN BUILDINGS WHERE IT IS INTENDED TO
INSTALL OPEN-FLUED COMBUSTION APPLIANCES AND EXTRACT FAINS, THE COMBUSTION
APPLIANCES HOR FORM SOLD (PUEL OFFER SEE) RELINGINGS WHERE ITS IN STRENGED TO
INSTALL OPEN-FLUED COMBUSTION APPLIANCES AND EXTRACT FAINS, THE COMBUSTION
APPLIANCES FOR FORM SOLD (PUEL OFFER SEE) RELINGINGS WHERE ITS FAINS ARE
RUINNING REFER TO PART L. COMBUSTION APPLIANCES AND EXTRACT FAINS, THE COMBUSTION
APPLIANCES SHOULD BE ABLE TO GENERAL SEAFLY WHERE OR NOT THE FAINS ARE
RUINNING REFER TO PART L. COMBUSTION APPLIANCES AND FUEL STORAGE SYSTEMS.

INSLATION OF TOW WITHE STORAGE VESSELS.

1. A NORMAL DOMESTIC SIZE (120 LITRES) HOT WATER STORAGE VESSEL COMPLYING WITH BS 1596: 1990 OR BS 3199 1981 OR EQUIVALENT SHALL BE THERMALLY INSURANCE THE MEMORIAN PROBLEMENT OF THE STANDING HEAT LOSS TO NOT MORE THAN WILLITRE WHEN TESTED IN ACCORDANCE WITH BS 1599 PART : 1992. AMPENDIX 94. OR INSURING HEAT WILLITRE WHEN TESTED IN ACCORDANCE WITH BS 1599 PART : 1992. AMPENDIX 94. OR INSURING HEAT WILLITRE WHEN TESTED IN ACCORDANCE WITH BS 1599 PART OF THE MEMORIAN PROBLEMENT OF THE MEMORIAN PROBLEMENT

2.A HOT WATER STOKKE VESSEL COMPLYING WITH IS 1996 (1990) OR 83 3198 1981 CONT WATER TOWNINGS COPICITY OF OTHER THAN 120 LITRES SHALL BE THERMALLY NISULATED ETHERS.

THERMALLY NISULATED ETHERS.

A) WITH THE SAME WATERSHALL AND THOMSES OF RISALLAND AS THAT REQUIRED FOR A 120 LITRE HOT WATER STORAGE VESSEL COMPLYING WITH A PRAGRAPH 14,0.

B) WITH A FACTORY APPLIED COATING OF POLYURE THANGE FOAM NOT LESS THAN 36mm THACK ADA A IMMINIST DESITY OF 30 KGM.

THE HOT WASTE PRES CONNECTED TO A HOT WATER VESSEL, INCLUDING THE VENT PIPE AND THE PRIMARY FLOW AND RETURN TO THE VENT EXCHANGER, WHERE RITTED. SHALL BE THERMALL WISILATED FOR AT LEST IT LEBER FROM THER POUT OF CONNECTION TO THE VESSEL, OR TO THE POINT WHERE THEY BECOME CONCEALED, WITH MATERIAL WHICH HAS THERMAL CONDUCTIVITY OF NOT MORE THAN 0.045 WINK AND A THEORIESS OF NOT LESS THAN 15 time.

3.22 A HEARTH SHOULD BE CONSTRUCTED OF SUITABLY ROBUST MATERIALS AND TO APPROPRIATE DIMENSIONS SO THAT, IN NORMAL USE, IT PREVENTS THE COMBUSTION APPLIANCE SETTING PIETO THE DULING FABRIC AND PURISHINGS.
IF THE CHIMNEY IS NOT ROBEPRICENTLY SUPPORTED, THE HEARTH SHOULD BE ABLE TO ACCOMMODITE THE WEIGHTO THE COMBUSTON APPLIANCE RICCESS AND IT AS 3.23 WHERE AN APPLIANCE IS NOT TO BE LOCATED IN AN APPLIANCE RICCESS AND IT AS THE PROPERTY OF THE P

NON COMBES ITELE BUNDLY. STREET INVICTION OF ITELE RIVIT LEGENTY LEGENTY LEGENTY LEGENTY IN SECTION AND ASSETTION AS THE RIVING AND ASSETTION AS THE RIVING ASSETTION AS CONCRETE OR MORROW, TO SECUL KNOW, COMMISSIBLE MATERIAL, SUCH AS CONCRETE OR MORROW, TO SECUL KNOW, COMMISSIBLE MATERIAL, SUCH AS CONCRETE OR MORROW, TO SECUL AS THE RIVING AS THE RIVER AS THE RIVING AS THE RIVING AS THE RIVING AS THE RIVING AS TH

UNLESS.—GINEE MATERIAL STANLED MATERIAL PROJECT BENEATH A LOUIS HOLD LINKS.

AT THERE IS AN ARRAPACE OF NOT LESS THAN 50 MM BETWEEN THE LANDERSDEE OF THE HEARTH AND THE COMBUSTBLE MATERIAL. OR

BY THE CHARLIST HE MATERIAL SON TILESS THAN 25 MM BELOW THE TOP OF THE HEARTH SEE DIAGRAM 38.

AS AN APPLIANCE BE MATERIAL BY NOT LESS THAN 25 MM BELOW THE TOP OF THE HEARTH SEE DIAGRAM 38.

AS AN APPLIANCE SHOULD BE LOCATE ON A HEARTH SO THAT IT IS SUPPOUNDED BY A AS AN APPLIANCE SHOULD BE LOCATE ON A HEARTH SO THAT IT IS SUPPOUNDED BY AN APPLIANCE SHOULD BE LOCATED AND HEARTH THE PLAN AS SHOWN BORGAM 38. THE SUPPOUNDE HEARTH THE DIAGRAM SEE HEARTH LOW HOLD YEARTH LOW HOLD YEAR HE WITH LOW HOLD YEARTH LOW HOLD YEARTH LOW HOLD YEAR HE WITH LOW HE

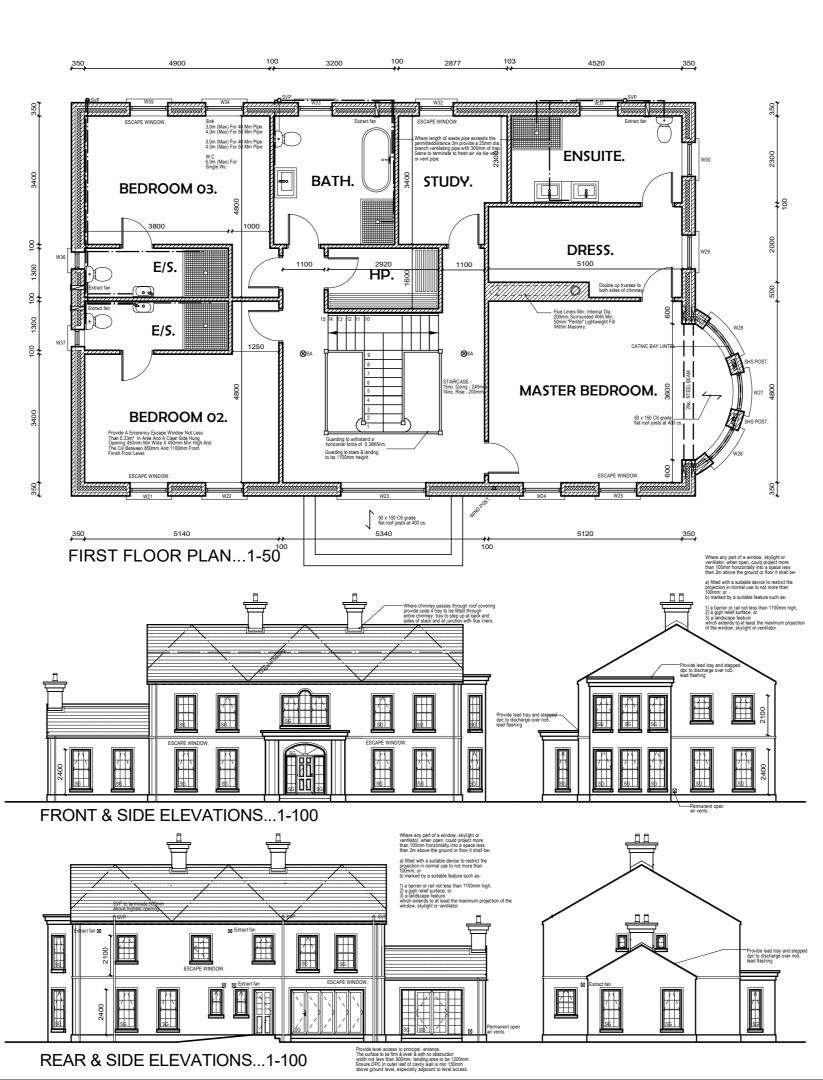
SECTION 3 SOLID FUEL BURNING APPLIANCES (INCLUDING SOLID BIOFUEL) WITH A RATED HEAT OUTPUT UP TO 50 KW A RATED HEAT OUTPUT OF TO SO KW THIS SECTION SETS OUT THE ADDITIONAL GUIDANCE AND PROVISIONS THAT SHOULD BE MET FOR A SOULD FUEL BURNING COMBUSTION APPLIANCE OVER AND ABOVE THOSE PROVISIONS GIVEN IN SECTION 2.

COMPLIANCE GLIDE:

- THE PRESON CARRYING OUT THE WORK SHALL GIVE, NOT MORE THAN 5 DAYS, AFTER COMPLETION OF THE WORK AND THE WORK THE WORK AND

FILTURE ANALYSIS

THE COMMISSIONING PLAN IS TO BE FOLLOWED & EVIETY SYSTEM WILL BE INSPECTED IN AN APPROPRIATE SEQUENCE. TO A REASONABLE STANDARD & TEST RESULTS ARE TO COMPRIME THE THE PREFORMANCE IS REASONABLY IN ACCORDANCE WITH THE DESIGN REQUIREMENTS. THIS NOTICE IS TO BE PROVIDED TO THE OWNER NOT MORE THAN 5 DAYS AFTER COMPLETION OF THE WORNER. THE OWNER OF THE DWILLING IS REQUIRED TO BE OWNER SUPPORTED THE OWNER OF THE DWILLING IS REQUIRED TO BE OWNER SUPPORTED TO THE OWNER OF THE OWNER OF THE DWILLING IS REQUIRED TO BE OWNER SUPPORTED TO THE OWNER OF THE OWNER OF THE DWILLING IS REQUIRED AND THE OWNER OF THE OWNER OWN



COMBUSTION APPLIANCES:

(A) JOURNA GHIS APPLIANCE – WHERE A ROOM CONTAINS AN OPEN-FLIED J THE ROOM EXTRACT FAN RATE SHOULD NOT EXCEED 20 LITRESISECOND (7Z MISHOUR), AND A SPILLAGE TEST AS RECOMMENDED IN 8S 5440: 1 SHOULD BE CARRIED OUT.

(B) FOR OIL APPLIANCES – WHERE A ROOM CONTANS AN OPEN-FLUED APPLIANCE
THE EXTRACT RATE SHOULD BE LIMITED TO 40 LITERSSECOND FOR AN APPLIANCE
WITH A PRESSURE AT BEINNERN ADD LITERSSECOND FOR AN APPLIANCE WITH
VAPORISMO BURNER WHEN SPLLAGE OR FLUE DRAUGHT INTERFERENCE IS
DESTRIPED, IT MAY BE NECESSARY TO ADD ADDITIONAL VEHILLATION TO THE
ROOM OR SPACE A FLUE DRAUGHT MYERFERENCE TEST FOR OIL FIRED
APPLIANCES AS DESCRIBED IN OFFICE TECHNICAL BOOKS 2 AND 5 SHOULD BE

(C) FOR A SOLID FUEL APPLIANCE - A ROOM EXTRACT FAN SHOULD NOT BE INSTALLED IN THE SAME ROOM. IF MECHANICAL EXTRACTION IS UNAVOIDABLE THEN SEEK SPECIALIST ADVICE FROM A MECHANICAL/SERVICES ENGINEER TO ENSURE SAFE OPERATION OF THE APPLIANCE. * STAIRCASE:

CLEAR WIDTH TO BE 900MM WITH 2M MIN VERTICAL HEADROOM MEASURED FROM PITCH LINE. HANDRAILS TO BE 900MM HICH AND WHERE BLAISTABLE IS PROVIDED NO OPENING TO BE LARGE ENOUGH TO PERMIT A 100MM SPHERE TO PASS THROUGH. AS O DESIGNED AS NO 1TO BE EAST VAILWEBED BY CHILDREN. THERADS TO BE CONSTRUCTED OF 19MM BOARDING AND TO HAVE 2.0MM DOWN WITH NORSHOT PORJECT 15MM OVER STEP BELOW GOING TO BE TEXIM BOARDING WITH HEIGHT OF RESE 20.9 MM WITH 1 AN ORISERS.

INTERNAL FLOOR.

INDUCTION REPORTED THE OF CONTROL OF THE OFFICE OF THE OFFI BASCORECT HAT PERMET OR WOOD BASED BOARD, MINIMUM MASS PER UNIT AREA IS NORME. CELING TREAT INSTALL OF THE OFFI OFFI OFFI OFFI OFFI OFFI UNIT AREA TO KOME, FUED USING ANY NORMAL FUND METHOD. AN ASSOCIED THE OFFI OFFI OFFI OFFI OFFI OFFI OFFI MINIMUM DESIRTY OF KANDI JULIO THE CONTY.

LATERAL RESTRAINT:

5.16 TIMBER OR METAL FRAMES WITH PLASTERBOARD LININGS ON EACH SIDE OF FRAME

EACH LINING TO BE TWO OR MORE LAYERS OF PLASTERBOARD WITH STAGGERED JOINTS, EACH SHEET OF MINIMAL MASS PER UNT AREA 10 KGINZ: LININGS FROED TO THISRER PRANE WITH A MINIMAL DISTANCE BETWEEN LININGS OF TS MA, OR METAL FRAME WITH A MINIMAL DISTANCE BETWEEN LININGS OF AS MM.
ALL JOINTS WELL SEALED.

PROVIDE 30 x 5mm GALVANISED STEEL STRAPS SCREWED TO UNDERSIDE OF TIMBE AT MAX 2m CRS

LATERAL RESTRAINT STRAPS:

LICENCE, RESIDENT STONES.

FOR DWELLANGS OF MASORNY CONSTRUCTION, RESTRAINT SHOULD BE PROVIDED AT RAFTER LEVEL FOR GABLE WALLS LARGER GABLE ON SEPARATING WALLS MAY ALSO REQUIRE RESTRAINT AT CLEIBL GLEIBL (EVEL.)

LATERAL RESTRAINT STRAYS SHOULD HAVE A MIN. GROSS SECTION OF 30MM X 5MM
AND AMBRIANDA MASOFRACE DOWNING OF 10MM, STRAYS SHOULD BE OF SHIFTCHEN, AND AMBRIANDA MASOFRACE DAY OF 10MM OF 10MM AND STRAYS SHOULD BE OF SHIFTCHEN, IN FRANCIS DOWNING AND AMBRIANDA MASOFRACE AND AMB

WALL RESTRAINTS - LATERAL RESTRAINT BY FLOORS AND ROOFS:

40.21 WALLS IN EACH STOREY OF A BUILDING SHOULD EXTEND TO THE PULL HEIGHT OF THA STOREY. NO HAVE HORDONIL LATERAL SUPPORTS TO RESTRICT MOVEMENT OF THE WALL 40.22 FLOORS AND ROOFS SHOULD -(A) ACT TO TRANSFER LATERAL FORCES FROM WALLS TO BUTTRESSING WALLS, PIERS OR CHIMPEYS. AND. (B) BE SECURED TO THE SUPPORTED WALL BY CONNECTIONS SPECIFIED IN PARAGRAPHS 40.21 TO 4.25 AND TABLE 40.5.

(b) MIREX THE POORS AND THE WALL IS ETHER CONTINUOUS OR AT INTERVALS NOT GREATER THAN 2 M.WHERE CONTACT IS INTERMITTENT, THE POINTS OF CONTACT SHOULD BE IN LINE, OR NEARLY IN LINE, ON PLAN.

METHOD 2 (I) - VENTILATION SYSTEMS FOR DWELLINGS WITHOUT BASEMENTS

FOR ADDITIONAL INFORMATION SEE WORKED EXAMPLES CI AND CS IN APPENDIX C.
DESION OF SYSTEM IN PRESENCE OF THE WHITE REPROCO. ADDITION.
2.12 THE ADDITIONAL DISTRILLATIONS HAVE BEEN SEED FOR THE WHITE REPROSO.
2.13 THE ADDITIONAL STATE AND VENTILATION (E. C. O'EMBALE WINDOWS) WILL BE USED FOR THIS PURPOSE.
WITE SHAPPOSE.
2.13 INTERNITTENT EXTRACT RATES ARE GIVEN IN TABLE 2.1. FOR SANTARY ACCOMMODATION, Y. SA NAL TERRINITE, THE RAPID VENTILATION PROVISIONS (E. WINDOWS) GIVEN IN APPEDIX B COMPANDED FOR THE WORKE OF THE WORKE

REDUCED BY 2500 MAC FOR EACH ROOM CONTAINING A SINGLE ROOM HEAT RECOVERY VENTILATION.

VENTILATION.

2.5 INTERNITTENT EXTRACT FANS. SHOULD BE INSTALLED IN EACH WET FROOM.
2.5 INTERNITTENT EXTRACT FANS SHOULD BE INSTALLED IN EACH WET ROOM.
3.5 INTERNITTENT EXTRACT FANS SHOULD BE INSTALLED IN AS IS PRACTICABLE AND PREFERRALLY WITHIN 400 MM OF THE CELLING.
4.5 IS PRACTICABLE AND PREFERRALLY WITHIN 400 MM OF THE CELLING.
2.1 TO DOWNER HOODS SHOULD BE SOOM TO 750 MM ADON'T THE HOD SURFACE (OR NISTALLED IN ACCORDANCE WITH THE MANUFACTUREETS INSTRUCTIONS).

METHOD 2 - SYSTEM 1 CALCULATION:

25mm² FLOCR AREA.
IF GREATER THAN 100mm² ADD A FURTHER 7000mm² TO EVERY ADDITIONAL 10m²
700mm² X 195 - 155 500mm²
4 BEDROOM - 55000mm² - 136 5000mm² - 201 5500mm²
1 NO 510mm² 1 0000mm²
1 S00mm² 1 0000mm²
2 10 500mm² 1 0000mm²
2 10 500mm²

FIXED INTERNAL LIGHTING FIXED INTERNAL ENERGY EFFICIENT LIGHT FITTINGS TO BE INS MIGHT FIXED AREAS IN THE DWELLING, AND THERE SHALL BE NOT LESS THAN. TO MEEP EXAMPLE OF DWELLING FLOOR AREA (EXCLUDING AGAMAGES) (BEATER THE EN LIGHT FITTINGS, WHICHEVER IS GREATER. THE EN LIGHT FITTING ALTONION FILE LAMP, DOWNING, GEAR AND AMPAPRIPMENT HOUSING, RIGHT OR OTHER DEVICE FOR CONTROLLING THE LAMP, DOWNING, GEAR AND AND ALDERN'S PER COLOUTIVATION OF THE LIGHT OUT UTILITY OF THE CAND. THE LIGHT OUT UTILITY AND ALMINIST STEP CONCEPT (PREATER THAN ALL DIMENS) FER CIRCULATIVATION.

E D EXTERNAL LIGHTING:

EXTERNAL LIGHTING PERMANENTLY FIXED TO AN EXTERNAL SURFACE OF THE DWELLING AND UNDER TO DIRECT CONTROL OF THE COCUPANT BY HAVING AN ELECTRICITY SUPPLY FROM THE DWELLING SHALL A) HAVEA AMANDMEN OUTPLY OF SIMP FRITTING AND AUTOMATICALLY SWITCH OFF.

1) WHEN THERE IS ADEQUATE DAYLIGHT, AND

5) WHEN DAY TEROURE AT NIGHT, OR

2) HAVE THAT CAN ONLY SE RITTED WITH LAMPS HAVING A LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUMFANT.

Table 3.1 Air supply to solid fuel burning appliances	
Type of appliance	Type and amount of ventilation(1)
Open appliance such as an open fire with no throat, e.g. a fire under a canopy as in Diagram 3.6	Permanently open air vent(s) with a total equivalent area of not less than 50% of the crosssectional area of the flue
Open appliance, such as an open fire with a throat as in Diagram 3.5 and 3.12	Permanently open air vent(s) with a total equivalent area of not less than 50% of the throat opening area(2)
Other appliance, such as a store, cooker or boiler, with a flue draught stabiliser	Permanently open vents as below: If design air permeability 5.0 m3(lt m2) then -300 mm2kW for first 5 kW of appliance rated output, and 850 mm2kW for balance of appliance rated output. If design air permeability .5.0 m3(lt m2) then -500 mm2kW of appliance rated output.
Other appliance, such as a stove, cocker or boiler, with no flue draught stabiliser	Permanently open vents as below: If design air permeability > 5.0 m3/(h.m2) then - 550 mm2/kW of appliance rated output above 5 kW If design air permeability 5.0 m3/(h.m2) then - 550 mm2 per kW of appliance rated output(3)

If 5 is 3.31), and jury lette.

16 Sample is noglenose with 8 flux draught stabilises and a raine her subject of 7 kW would require a permanently open air vest with a equivalent area of — [5 0.50] + (2 0.50) + (2 0.50) max. Such both empty open air vest with a equivalent area of — [5 0.50] + (2 0.50) + (2 0.50) max. Such both empty of 10.50 max. Such area of 10.50) max. Such area of 10.50 max. Such area of 10.5

Table 2.1	Extract ventilation	rates		
Room	Intermittent extract Continuous extract		ious extract	
	Minimum rate	Minimum high rate	Minimum low rate	
Kitchen	30 I/s adjacent to hob(1); or 60 I/s elsewhere	13 l/s		
Utility room	30 l/s	8 l/s	Total extract rate should be at least the whole	
Bathroom	15 l/s	8 l/s	dwelling ventilation rate given in Table 2.2	
anitary commodation	6 l/s	6 l/s	1	

Diagram 2.8 Notice plates for hearths and flues

	Important Safety Information This notice must not be removed or covered		
Essential normation	Property address:	20 Main Street, Anytown	
	Location of hearth & chimney:	Lounge	
	Suitable for:	Decorative fuel effect gas fire only	
	Chimney liner:	Double skin stainless steel flexible, 200mm dia.	
	Suitable for condensing appliance:	No	
	Date installed:	dd/mm/yyyy	
	Installed by:	A N Other & Co.	
Additional information	Other information: (e.g. Product trade names, installation and mantenance advice, European flue product designations, warnings on performance limitations of imitation elements etc.)	Designation of stainless steel liner stated by manufacturer to be T450 N2 S D 3	

SG DENOTES SAFETY GLAZING EX. 6.4MM LAMINATED OR TOUGHENED GLASS

* WINDOWS:

WHERE ALL OR PART OF A PANE IS BELOW

WHERE WINDOWS OPEN OUT INTO A SPACE LESS THAN 2M ABOVE GROUND LEVEL TO BE FITTED WITH RESTRICTORS.

WHERE GLAZING IS DESIGNED TO BE CLEANED FROM OUTSIDE THE GLAZING SHALL BE:
ACCESSED FROM A SAFE PLACE HAVING A FIRM LEVEL SURFACE REACHED FROM AN AREA ADEQUATE IN SIZE FOR THE METHOD OF CLEANING.

WHERE THE HEIGHT TO THE WINDOW SILL IS MORE THAN 8M AND NOT MORE THAN 9M SUITABLE FIXING POINTS FOR ACCE EQUIPMENT SHALL BE PROVIDED. THE STANDING SURFACE SAHLL BE A PATH OR SIMILAR HARD SURFACE.

DRAWING TO BE READ IN CONJUNCTION WITH ALL ENGINEERS DRAWINGS, SAP CALCULATIONS & TRUSS MANUFACTURES ETC & APPROVED BUILDING CONTROL DRAWINGS.

SHANE & SHARON TRAINOR.

DWELLING & GARAGE AT SITE NEWRY RD, HILLTOWN.

AWING TITLE				
	1ST FLOOR	DI ANI &	CI C\/AT	SINOL
	1311 LOOK	FLANX	LLLVAI	IONS

1/50 1/100.	JOB No. 2544.	AGENT Martin J Bailie MBIAT
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