### FOUNDATIONS.

FOUNDATION. FOUNDATION SHOULD BE SIZED AS I 100 WALL THICKNESS - 225 DEPTH X 450 WIDTH 215-350 WALL THICKNESS - 300 DEPTH X 750 WIDTH WAI I THICKNESS-300 DEPTH X WT + 300 WIDTH WA

100mm SANDICEMENT MAPAET TOPCEM FLOOR SCREED ON VISULENT SO GALIGE VAPOUR CHECK ON INSULATION (CHECK SAP REPORT) ON 1950MM GO CONCRETE SUB-FLOOR CAST GENERAL FAND LAAD BEARING MET ENGLIGHT CHECK CHE

\* SERVICES.

ALL INCOMING SERVICES TO BE BROUGHT INTO BUILDING IN PROP. P.V.C. DUCTS AS FOLLOWS. HEATING PIPES - 150 DIA. WATER MAIN - 100 DIA. TELEPHONE - 90 DIA.

# \* UNDER FLOOR VENTS.

SOLID FUEL OPEN FIRES TO BE VENTED WITH 2 NO. 100 DIA. PIPES FROM PROP. P.V.C. AIR BRICKS ON DIFFERENT ELEVATIONS. LAST 1000mm OF VENT PIPES TO BE EX. NON-COMBUSTABLE MATERIAL.

ALL PIPEWORK TO BE 100 DIA UPVC PIPES TO B.S.4660 AND B.S.5481 1977 LAID TO A MINIMUM FALL OF 1 IN 100. THE SYSTEM SHALL BE VENTILATED AT OR NEAR A MAIN DRAIN AND A BRANCH DRAIN LONGER THAN 10M AT A POINT 900 AND A BRANCH DRAIN LONGER THAN 1001 AT A POINT 900 ADDIE AND A BRANCH BOWN OF THAN 1001 AT A POINT 900 ADDIE AND ADD

DRAINAGE - VENTILATION
3.5 THE SYSTEM SHOULD BE VENTILATED AT OR NEAR THE HEAD OF A MAIN DRAIN, AND J.
3.5 THE SYSTEM SHOULD BE VENTILATED AT OR NEAR THE HEAD OF A MAIN DRAIN, AND J.
3.5 THE SYSTEM SHOULD BE VENTILATED AT TAKE PARAGRAPH Z. 13, OR A.
PIPE SHOULD BE USED. WHERE A SEPARATE VENTILATION PIPE IS USED IT SHOULD TERMINATE EITHER. (A) IN THE EXTERNAL AIR AT LEAST 900 MM ABOVE ANY OPENING INTO A BUILDING WITHIN 3 M. WITH A CAGE OR COVER WHICH DOES NOT RESTRICT THE AIR FLOW WITHIN 3W, WITH A GASE OR COVER WHICH DOES NOT RESTRICT THE AIR FLOW (SEE DIAGRAM 2.3): OR (B) WITH AN AIR ADMITTANCE VALVE WHICH COMPLIES WITH BS EN 12056: PART 2 AND BS EN 12380.

DRAINAGE - CONSTRUCTION OF ACCESS POINTS
3.14 AN ACCESS POINT SHOULD CONTAIN THE FOUL WATER UNDER WORKING
CONDITIONS, RESTRICT THE ENTRY OF GROUND WATER AND RAINWATER, AND
BE CONSTRUCTED OF A MATERIAL GIVEN IN TABLE 3.6.

BE CONSTRUCTED OF A MATERIAL GIVEN IN TABLE 3.6.

HOR CONSTRUCTED OF A MATERIAL GIVEN IN TABLE 3.6.

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HOR CONSTRUCTED OF A MATERIAL GIVEN OF A THE CONSTRUCTER SECTION BRANCH
SHOULD BE USED. THE CHAMMEL AND ANY BRANCHES SHOULD BE BENCHED UP. AT
HE ANGLE OF A BRANCH DRAIN IS MORE THAN 96 "TO THE DIRECTION OF FLOW. WHERE
THE ANGLE OF A BRANCH DRAIN SINGE THAN 45 CONSTRUCTER SECTION BRANCH
SHOULD BE USED. THE CHAMMEL AND ANY BRANCHES SHOULD BE BENCHED UP. AT
HE WAS AND AND A SHOULD BE SHOULD

CAUTY BARRIER.

WHERE EDGE SEALING IS ADOPTED TO ADDRESS THE PARTY WALL BYPASS IT IS ESSENTIAL THAT THE EDGE SEALING IS EFFECTIVE IN RESTRICTING ARR FLOW INTO THE CAUTY AND INTAIL TIS ALLIGINED WITH THE THERMAL ENVELOPE SEALING IS REQUIRED AT THE TOP. THE BOTTOM AND PROPORATED AS PART OF A CAUTY BARRIER WHICH IS PROVIDED AS A FIRE STOP. A CAUTY BARRIER ON ITS OWN MAY MOT BE EFFECTIVE IN RESTRICTING AIR FLOW NTO THE CAUTY THE PARTIER OF THE OWN TO THE STRICTING AIR FLOW NTO THE CAUTY THE PARTIER IN CONTROL TO USE THE RODUCE AND PARTIES AND THE ADDRESS AND THE STRICTING AND THE ADDRESS AND THE STRICTING AND THEN CONTROL AT CHELLING LAW THE STRICTING AND THEN CONTROL AT CELLING EVEL IN SUCH A CASE IT IS IMPORTANT THAT THE PARTY WALL CAUTY SEAL FOLLOWS THE LINE OF THE RISULATION IN THE SLOPHIC PROOF.

OTHER PARTY STRUCTURES AS WELL AS THE MAIN THERMAL ENVELOPE.

AN OUTLET FOR A MON-PERMANENTLY WIRED APPLIANCE E.G. SOCKET OUTLET, TELEPHONE OUTLET, TELPHONE OUTLET, TEL, SHOULD BE LOCATED WITHIN HORIZONTAL REACH AND NOT IMED FLORE LEEP. HOWEVER, THE PROVISIONS OF THE FLORE LEEP. HOWEVER, THE PROVISIONS OF THE FLORE LEEP. HOWEVER, THE PROVISIONS OF THE STATE OF THE PROVISIONS OF THE PROVISION OF THE PROVIS

# SWITCHES AND CONTROLS:





FLAT CEILINGS: (U VALUE - 0.15W/M²K) 150MM MINERAL WOOL INSULATION BETWEEN JOISTS & 150MM MINERAL WOOL INSULATION OVER JOISTS WALLS: (U VALUE - 0.30W/M\*K) 100MM PLATINUM ECOBEAD FULL FILL INSULATION FLOORS: (U VALUE - 0.14W/M<sup>2</sup>K) SPANTHERM PLUS. NOTE INSULATION IN CEILING AND WALLS ARE TO BE JOINTED AND BONDED TO EACH OTHER TO FORM A TIGHT AIR SEAL Trusses To Be Designed And Manufactured By Specialist sub-contractor, And To Be In Accordance With Bs 5268 Pt3 1985.

Designs And Calculations To Be Submitted To Building Control Prior To Erection On Site.

Wind Bracing To Bs 5298 Pt3 1985.

Wind Bracing To Bs 5298 Pt3 1985.

Diagonal, Longiludinal And Chewron Bracing To Be 100x25mm

Softwood, as per manufacturers instructions best quality concrete roof tiles on 40 x 20mm battens on builders felt to B.S.747 NOTE: Provide prop. galv. m.s. 'bat' straps at 1200 c/c turned down cavity & screw fixed to solid bridging across 3 no. rafters where they run parallelwith external walls. Close cavity with 12.5mm Fibreboard Provide FV 250 Glidevale fascia vents to both sides of roof **BEDROOM 2** BEDROOM 1 1000 --Provide stepped dpc down over all opes in cavity walls (incl. pipes,ducts etc) Going = 235
Riser = 203
Total Go = 2820
Total Ht = 2639
Treads = 13
Angle = 40.° LIVING ROOM. W.C. UTY. \$ 140mm concrete cills with dpc. 750 x 300mm strip foundations depth determined on site. **SECTION A-A...** 



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

THE GLAZING A DUSHONED 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.

CONSTRUCTION MATERIALS AND WORKMANSHIP
CAVITY WALL TIES
4C 11 THE CAVITY WALL TIES SHOULD COMPLY WITH BS EN 845-1
AND DD 1402 AND SHOULD BE MATERIAL REFERENCES 1 OR 3 IN
BS EN 85-1; TABLE A1, AUSTENTIC STANLESS STEEL WALL TIES
SHOULD BE SELECTED IN ACCORDANCE WITH 1ABLE 4C.5.

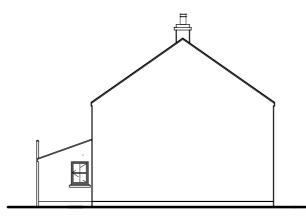
AND ROOF VERGE.

CAUTIES TO BE CLOSED AT ALL HEADS, JAMES AND SILLS AND AT WALLPLATE LEVEL USING 12 SMM SUPALUX, ALL OPENINGS TO BE UNTELLED OVER WITH PCC LIMITELS AS SCIEDULE, ALL DOOR OPENINGS TO BE WATHERED WITH 2 COURSE PRECAST CONCRETE THRESHOLDS, ALL HEADS, JAMES AND SILLS TO BE FITTED WITH PICH PCLY WATER DECYS WITH RIGHT POLY STATEMENT OF LONG THE PROVIDED TO INSULATION BECKING CONTINUOUS HEREOGENIAL DRESS TO BE PROVIDED TO INSULATION BECKING CONTINUOUS HEREOGENIAL DRESS TO BE PROVIDED TO THAN 150 FROM FINISHED GROUND LEVEL. EVEL AND AT A HEIGHT NOT LESS THAN 150 FROM FINISHED GROUND LEVEL. BUNCTION TO BE WEATHERED USING PROP PUR CAUTIFY TRAY WITH INTEGRAL LEAD FLASHING DECISION OVER LEAD SCAMERS. PROVIDE PERP VENTS AT STEPPED DRCS IN OUTER LEAF. TO COMPANY WITH ACCEPANTED DETAIL MICK-G-20.

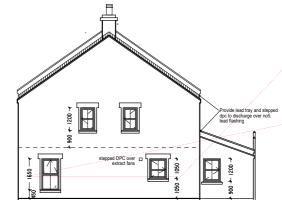
AS WHEER THE OFFICENCY DOMESTIC HOT WATER TEMPERATURES

3.1 WHEER THE OFFIRM TEMPERATURE OF DOMESTIC HOT WATER IN THE STORAGE
VESSEL IN A DWELLING IS CAPABLE OF EXCEEDING 80 YC INDER NORMAL OPERATING
CONDITIONS AS INJURIATION THAT MAY OCUE IN WISSES USED AS HEAT STORES AND
THOSE CONNECTED TO SOLAR HEAT COLLECTORS OR SOLID FUEL BOILERS THAT DO IN
HAVE INTERVENING CONTROL SETWING THE STORAGE SHOULD BE FITTED WITH A DE
SUCH AS AN INJURIOR OFFI THE BOILER AND THE VESSEL CONTAINING THE
HOT WATER THE OUTLIET FROM THE STORAGE VESSEL SHOULD BE FITTED WITH A DE
SUCH AS AN INJURIOR OFFI WATER STORAGE VESSEL SHOULD BE FITTED WITH A DE
SUCH AS AN INJURIOR OFFI WATER STORAGE VESSEL SHOULD BE STANDLISTED TO ENSURE THAT THE TEMPERATURE SHOULD BE
SETTABLISTED TO ENSURE THAT THE TEMPERATURE SHOULD BE
WATER DISTRIBUTION SYSTEM DOES NOT EXCEED 80 °C.
REDUCING THE RISK OF SCALDING AT BATH

3.4 IN-LINE BLENDING VALVES AND COMPOSITE THERMOSTATIC MIXING VALVES (TMVS) SHOULD BE COMPATIBLE WITH THE SOURCES OF HOT AND COLD WATER THAT SERVE



SIDE ELEVATION...



REVISION A: BR3 DEC. 18

"CALMOR PROPERTIES LTD.

AS BUILT DRAWINGS HOUSING DEVELOPMENT AT LINDSEY HILL, NEWRY. HOUSE TYPE 01. SITES 1 & 2

**ELEVATIONS & SECTION A-A.** 

BC02A

FEB 20.



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