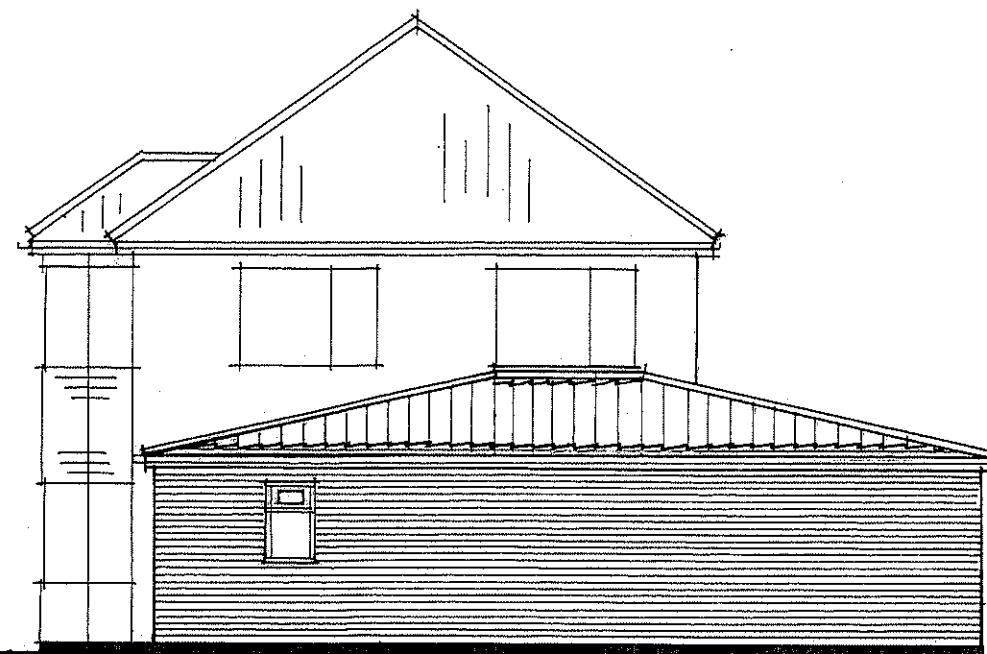


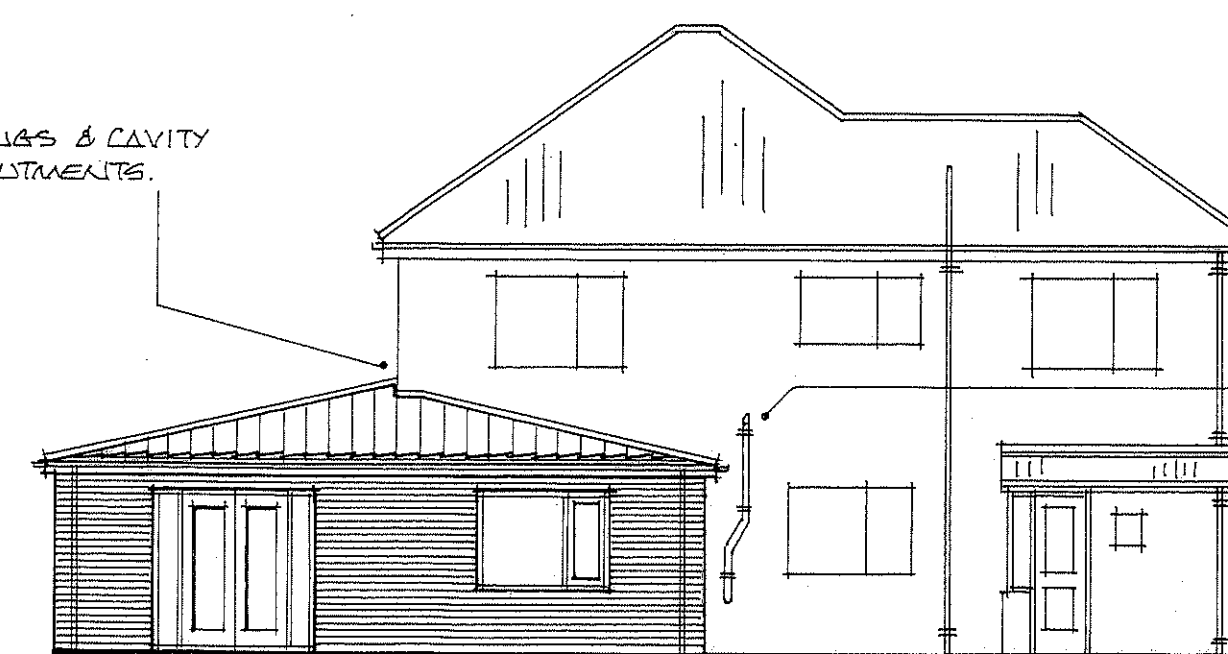


FRONT ELEVATION



SIDE ELEVATION

NO.4 LEAD FLASHINGS & CAVITY TRAYS AT ALL ABUTMENTS.



REAR ELEVATION

ADJUST BOILER FLOW AS REQUIRED



SIDE ELEVATION

MILD STEEL STRIPS OF 20x5 CROSS SECTIONAL AREA AT MAX 2000 CENTRES POSITIONED AT CEILING & VERGE HEIGHTS & PROVIDE SIMILAR VERTICAL STRIPS MIN. 1000 LONG AT MAX 2000 CENTRES AT EAVES LEVEL.

100 CROWN WOOL BETWEEN JOISTS & 170 OVER — U-VALUE = 0.16

TILES TO MATCH EXISTING COLOUR & BE SUITABLE FOR A PITCH OF 12.5° ON BATTENS & TYVEK WRPP PLUS VAPOUR PERMEABLE UNDERLAY ALL FIXINGS TO BS 5534 & 2014.

TRYSSED RAFTERS TO 12.5° PITCH & AT 600 CENTRES WITH 25x100 DIAGONAL LONGITUDINAL & CHEVRON BRACINGS TO BS 5268 & WITH 100x50 WALL PLATES. ALL RISES PITCHES & SPANS TO BE CONFIRMED PRIOR TO MANUFACTURE.

100 BUTTERS TO MATCH & 69 DIA R.W.P.'S.

100 FACIAS BRICKWORK TO MATCH EXISTING 100 CAVITY & DETHELM 32 INSULATION FILL 100 DUREX 'SUPERLOCK' INSULER LEAF & 4x4 STAINLESS STEEL WALL TIES PER EVERY 3000mm & AT EVERY BLOCK CORNER AROUND OPENINGS — U-VALUE = 0.28

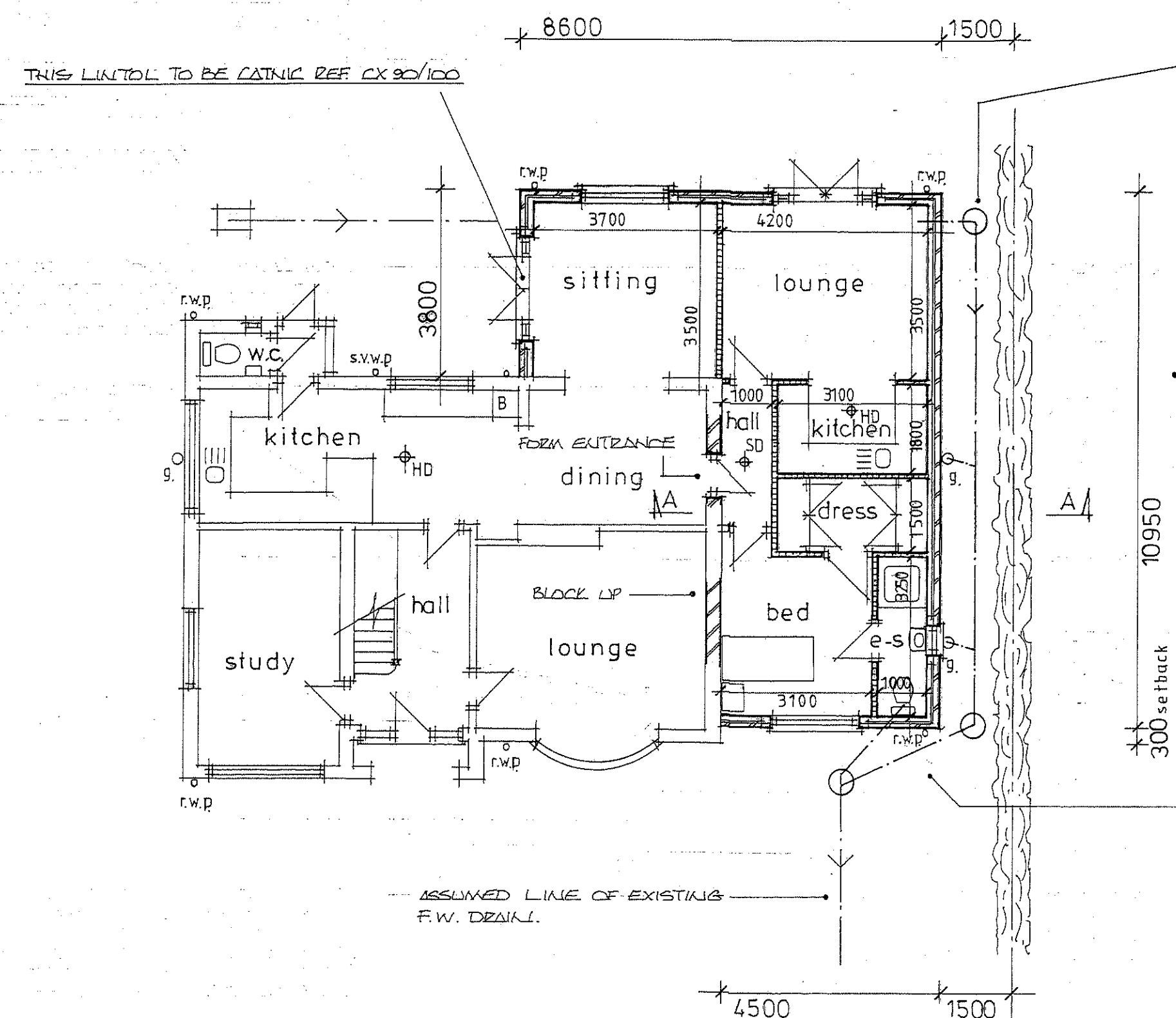
D.P.C. TO BE MIN 150 ABOVE GROUND LEVEL.

LEAN MIX CAVITY FILL TO 225 BELOW GROUND LEVEL.

50 SCOTED ON 100 CONCRETE GITE SLAB ON 1200 G. POLYTHENE VAPOUR CONTROL LAYER ON 100 THICK POLYFOAM PLUS FLOOR INSULATION ON 1200 G. POLYTHENE D.P.M. ON 150 THICK BLINDED HARDWARE TURN 25 THICKNESS OF INSULATION UP AT EDGES & LAP D.P.M. WITH D.P.C. — USE CONCRETE MIX GEN 1 U-VALUE = 0.22

400 x 225 STRIP CONCRETE FOUNDATIONS TO A SUITABLE LOADBEARING STRATA & AT DEPTHS AGREED ON SITE WITH THE BUILDING CONTROL OFFICER — USE CONCRETE MIX GEN 3 N.B. FOUNDATIONS ARE TO BE IN ACCORDANCE WITH N.H.B.C. GUIDANCE CHAPTER 4.2.8 — BUILDING NEAR TREES

SECTION ON A-A



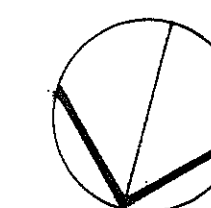
GROUND FLOOR PLAN

100 DIA PLASTIC F.W. DRAIN AT FALLS OF 1 IN 70 TO THE EXISTING F.W. SYSTEM INCLUDING NEW 500 DIA. I.C.'S. DRAIN UNDER BUILDING TO BE SURROUNDED WITH 150 CONCRETE & WHERE PASSING THROUGH WALLS TO BE PROTECTED WITH LINTOLOVER (SPALLITE OR SIMILAR) & ALLOW 50 FREE GAP AROUND PIPE TO BE FILLED ON CONCRETE WITH FIBREGLASS. DRAIN OUTSIDE BUILDING TO BE LAID ON 150 PEA GRAVEL BED & SURROUNDED & PROTECTED WHERE SHALLOW. R.W.P.'S ARE TO DISCHARGE INTO TRAPPED GULLIES & INTO 100 DIA. PLASTIC S.W. DRAIN AT 1 IN 100 & LAID AS ABOVE.

EXISTING FOUNDATIONS & LINTOLS TO BE INSPECTED & CONFIRMED AS SUITABLE FOR THE PROPOSED WORKS.

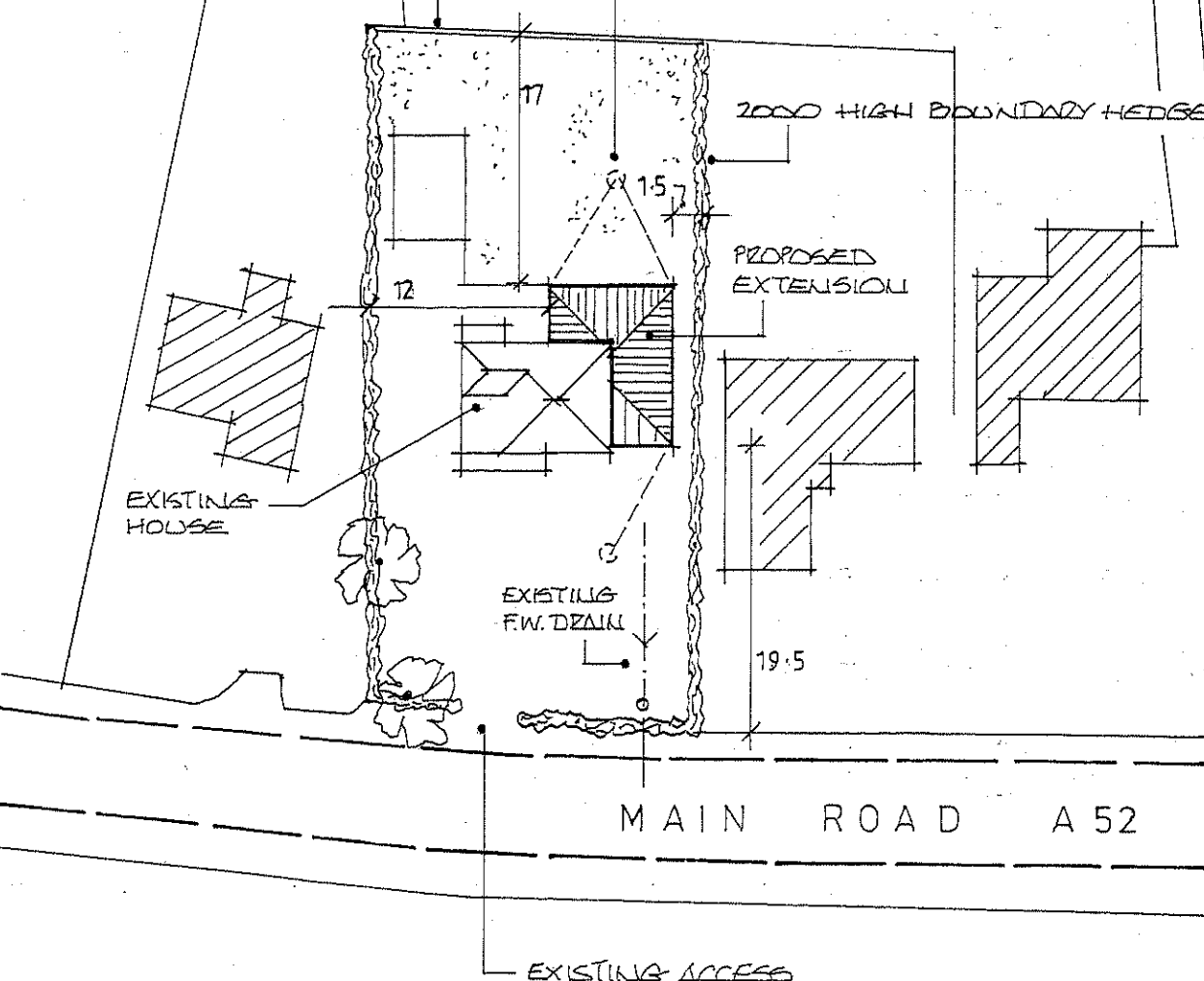
100 INTERNAL STUD PARTITION WALLS — INSERT 25 THICK MINERAL WOOL IN THE WALL CAVITY — MIN DENSITY = 10 kg/m³

SCALE 1 / 100  
0 1 2 3 4 5



1800 HIGH FENCE

SURFACE WATER TO SOAKWAYS MIN 5000 FROM BUILDINGS. 1M3 MIN VOLUME BELOW INVERT WITH CLEAN RUBBLE FILL & TERRAM COVER OVER. — SUBJECT TO PERCOLATION TEST.



BLOCK PLAN 1 / 500

SCALE 1 / 500  
0 10 20 50

### Generally

- WINDOWS & DOORS TO BE SEALED DOUBLE GLAZED UNITS & FITTED WITH TRIPLE VENTS TO GIVE 8000mm² VENT AREA AT EACH UNIT. OPENING VENT AREA OF WINDOWS TO BE MIN. 1/20 OF ROOM FLOOR AREA. WINDOWS MAX U-VALUE = 1.6 & DOORS MAX U-VALUE = 1.8
- ALL GLAZED AREAS ARE TO COMPLY WITH BS 6206 & THE APPROVED DOCUMENT K — I.E. ANY GLAZING TO WINDOWS WITHIN 800 OF FLOOR LEVEL & TO DOORS & SIDELIGHTS WITHIN 1500 OF FLOOR LEVEL TO BE EITHER TONGUED OR LAMINATED GLASS.
- ENSURE NEW BEDROOM WINDOW HAS AN OPENING SASH WITH A CLEAR WIDTH OF MIN. 450 & WITH A MIN. AREA OF 0.33m² (ESCAPE WINDOW)
- USE INSULATING CAVITY CLOSERS AT OPENINGS TO GIVE A U-VALUE = 1/2 — ALL FRAMES ARE TO LAP THE VERTICAL D.P.C. BY A MIN 38
- CATNAC INSULATED CAVITY WALL LINTOLS OVER ALL OPENINGS REF. CH 90/100 UNLESS STATED OTHERWISE ON PLAN — ENSURE MIN 150 ENDS BEARINGS & ALL LINTOLS IN EXPOSED WALLS TO HAVE WEEP HOLES & STOP ENDS.
- FIX FANS TO GIVE THE FOLLOWING VENT RATES & —  
EN SUITE — 15 LITRES / SEC.  
NEW KITCHEN — 40 LITRES / SEC.  
PROVIDE FAN COMMISSIONING CERTIFICATES TO THE BUILDING CONTROL OFFICER.
- FIX LOW ENERGY LIGHTING THROUGHOUT.

- INSTALL HEAT DETECTORS IN EXISTING & NEW KITCHEN AREAS & SMOKE DETECTOR IN NEW HALL AREA. ALL TO BE MAINS WIRED WITH BATTERY BACK UP & INTERCONNECTED WITH THE EXISTING UNITS IN THE HOUSE.
- ALL ELECTRICAL WORK WHICH IS REQUIRED TO MEET THE DEMANDS OF PART P REGARDING ELECTRICAL SAFETY MUST BE DESIGNED, INSTALLED, INSPECTED, TESTED & CERTIFIED BY A PERSON COMPETENT TO DO SO.
- HEATING & HOT WATER DETAILS TO BE PROVIDED TO THE BUILDING CONTROL OFFICER UPON DESIGN COMPLETION. FLYE FROM EXISTING OIL FIRED BOILER LOCATED IN EXISTING KITCHEN MAY REQUIRE ADJUSTING. ALL NEW RADIATORS ARE TO BE FITTED WITH T.R.V.'S. — THE HEATING ENGINEER IS TO CERTIFY & COMMISSION THE SYSTEM.
- FIX 40 DIA WASTES & 75 DEEP SEAL TRAPS THROUGHOUT.
- WHOLESAOME WATER & HEATED WHOLESAOME WATER TO BE PROVIDED TO KITCHEN SHOWER & SINK.
- WHERE HOT & COLD WATER TAPS ARE TO BE PROVIDED ON SANITARY APPLIANCES THE HOT WATER TAP SHOULD BE ON THE LEFT.

PROPOSED EXTENSION  
at  
LEOANNI  
MAIN ROAD  
WRANGLE  
PE22 9AJ  
for  
MR. S. McDONALD

RECEIVED  
03 SEP 2020

BY: .....

SCALE 1 / 100, 1 / 500

DRWG. N°

SM / 2