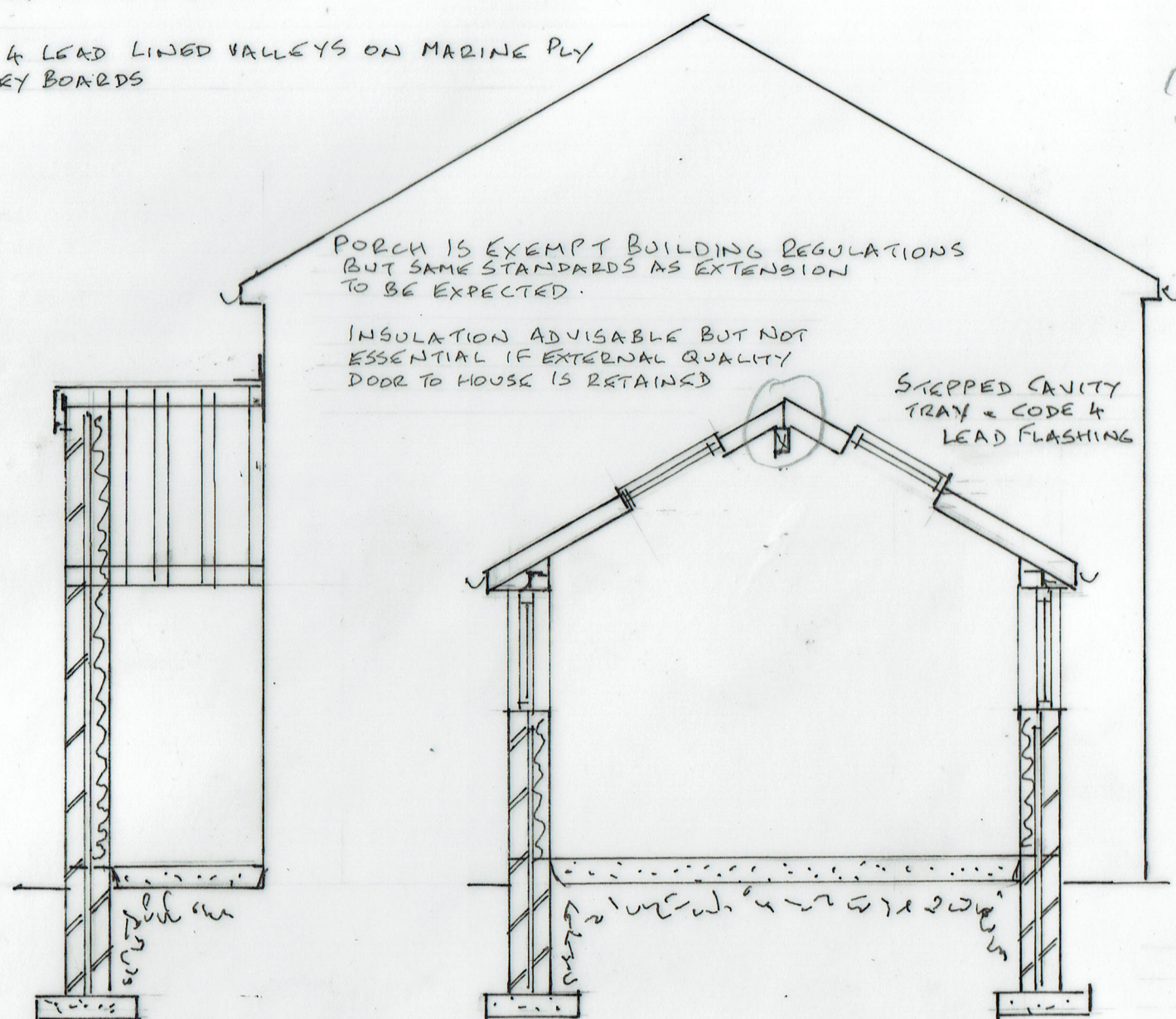


ROBUST METHODS OF CONSTRUCTION TO BE EMPLOYED, INCLUDING CAREFUL SEALING BETWEEN MATERIALS TO ENSURE CONTINUOUS INSULATION, LIMIT AIR LEAKAGE & ELIMINATE THERMAL BRIDGING

PORCH ROOF. 125X47 RAFTERS @ 400 CENTRES.
147X47 CEILING JOISTS.

CODE 4 LEAD LINED VALLEYS ON MARINE PLY
VALLEY BOARDS

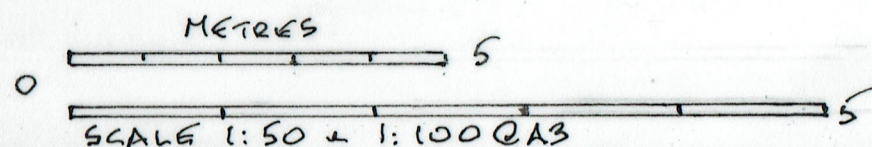


EXTENSION IS 'PERMITTED DEVELOPMENT' NOT REQUIRING PLANNING PERMISSION BUT IT HAS BEEN INCLUDED WITHIN THE APPLICATION FOR THE FRONT PORCH.

DRAWING FOR BUILDING REGULATIONS SUBMISSION ONLY. NOT WORKING DRAWING. ALL DIMENSIONS & METHODS OF CONSTRUCTION TO BE CONFIRMED ON SITE BEFORE WORK BEGINS.

ELECTRICAL WORK TO BE CARRIED OUT BY COMPETENT PERSON IN ACCORDANCE WITH BUILDING REGS PART P & CERTIFICATE ISSUED.

NEW RADIATORS WITH INDIVIDUAL THERMOSTATIC CONTROL & INSULATED PIPEWORK



ROOF. INTERLOCKING CONCRETE TILES ON TANGLED, GRADED BATTENS ON GOOD QUALITY BREATHABLE FELT. E.G. KINGSPAN NULVENT ON 125X47 RAFTERS @ 400 CENTRES.

RAFTERS SECURED TO 100X75 TIMBER WALLPLATES, MILD STEEL STRAPS @ 2M MAX CENTRES. INSULATED CAVITY CLOSER AT JUNCTION OF WALL & ROOF

200X63 TIMBER RIDGE BEAM:

UPVC FASCIA & GUTTERS. 100 GUTTERS, 75 RUPS

OPTIONAL VELUX ROOFLIGHTS TRIMMED BETWEEN DOUBLE RAFTERS. U-VALUE 2.2 W/M²K

165 MM KINGSPAN BETWEEN & BELOW RAFTERS. 25MM AIRSPACE. 12.5 PLASTERBOARD & SKIM. U-VALUE 0.15 W/M²K. NO SPOTLIGHTS TO PENETRATE INSULATION.

WINDOWS WITH OPENING LIGHTS MIN 1/20 FLOOR AREA PLUS 8000MM² TRICKLE VENTILATION. DOUBLE GLAZED, LOW E GLASS (4-16-4) ARGON FILLED. U-VALUE 1.4 W/M²K.

BRICKWORK TO MATCH & BOND TO EXISTING WITH CONTINUOUS CAVITY. 100 FULL FILL RECTICAL EUROWALL INSULATION. 100 AIRCRETE BLOCK. 12.5 PLASTERBOARD & SKIM, U-VALUE 0.15 W/M²K.

INSULATED HORIZONTAL & VERTICAL CAVITY CLOSERS. STAINLESS STEEL CAVITY TIES. HORIZ SPACING 900MM. VERTICAL 450. NOT MORE THAN 300 APART WITHIN 225MM OF VERTICAL EDGE OF OPENINGS.

FLOOR. MIN 75MM SCREED ON DPM / SEPARATION LAYER ON MIN 150 CONCRETE ON 1200 VISQUEEN ON SAND BLINDING ON CLEAN WELL CONSOLIDATED HARDCORE. U-VALUE 0.18 W/M²K.

DPC 150MM MIN ABOVE FINISHED G.L. MIN 225 CLEAR CAVITY BELOW.

150 THICK CONCRETE FOUNDATION PROJECTING 150 BEYOND WALLS MIN 900 DEEP TO SUIT GROUND CONDITIONS.

DRAINAGE RUNS TO BE DETERMINED ON SITE. ANY DRAINS UNDER EXTENSION TO BE ENCASED IN 150 CONCRETE WITH PRECAST LINTELS TO WALLS.

DESIGNER, DOMESTIC CLIENT & CONTRACTOR ARE 'DUTY HOLDERS' WITH SEPARATE, BUT SHARED RESPONSIBILITIES FOR STANDARDS OF CONSTRUCTION & COMPLIANCE WITH BUILDING REGULATIONS

3. SECTION (X-X)

SINGLE STOREY SIDE EXTENSION
24 HELMSDALE CLOSE, RAMSBOTTOM BLO 9 YR