NOTE: ONCE THE DESIGN SAP CALCULATION HAS BEEN PRODUCED THE SPECIFICATION ON THIS DRAWING MAY CHANGE, THE CLIENT IS TO ENGAGE WITH THE SAP ASSESSOR ACCORDINGLY TO ESTABLISH THE FINAL U-VALUES OF THE DWELLING AND THE RELEVANT MATERIALS IT WILL AFFECT. OVERHEATING, VENTILATION, COOLING METHODOLOGY, SOLAR GAINS TO ALL BE TAKEN INTO ACCOUNT AND ALL TO BE AGREED BETWEEN CLIENT, CONTRACTOR, SAP ACCESSOR # BUILDING CONTROL.



TO NEW RAYES AND DISCHARGE INTO 100 dis. TO NEW RAYES AND DISCHARGE INTO 100 dis. TERSLEEVE' PIPES LAD TO A MINIMUM 1 N 40 METRES FROM ANY PERMANENT STRUCTURE. EW WALLS ATER SYSTEM OR NEW SONKAWY A MINIMUM METRES FROM ANY PERMANENT STRUCTURE. EW WALLS EN WALLS EN WALLS EN WALLS EN WALLS TO DOE THEN LO DOM CANTY WITH INSULATION, NO LOGEN PERMENT STRUCTURE AT TO COKNOPK INTERAL LEAF. NEW WALLS TO COCKNOPK INTERAL LEAF. NEW WALLS TO DOCKNOPK INTERAL LEAF. NEW WALLS TO DOCKNOPK INTERAL LEAF. NEW WALLS TO TANLESS STELE WITH TO RATE AND DOCKNOPK INTERAL LEAF. NEW WALLS TO DOCKNOPK INTERAL LEAF. NEW WALLS TO DOLW WATE DO HOW COLORED AND AT EAVES BELOW MISS WITH DOCKNOPK MITH AND / CENTED IN DOCKNOPK OF PALLON OF AND MINIMUM ILL DRAWN TO BELIND TO A SETEL AND OF MALLS FORDER MILLED AT RATER LEVEL MALL RET TO REVERS FASED ON DISC MALLARE TO BE ROCKNOPK OF PILLOR AND MINIMUM ILL DRAWN TO BELIND TO A SETEL AND OF MALLARE TO BE INTERCOMMENTER IN RIGHT AND / CENTED OF A SETEL AND OF A SETEL MINIMUM COURCELE. MALLS FASED NILD STELL AND OF A SIMULAR MINIMUM AND ONCENES. MANNE FASED NILD STELL AND OF A SIMULAR MINIMUM AND ROW FREE AND OF A SIMU

INSULATE WARM ROOF WITH MIN 50MM (DEPTH MAY VARY DEPENDING ON FINAL DESIGN) CELOTEX ABOVE JOISTS AND 200MM (DEPTH MAY VARY DEPENDING ON FINAL DESIGN OF TIMBERS) CELOTEX XR4000 BETWEEN TIMBERS ALL INSTALLED TO MANUFACTURERS GUIDELINES AND ALL TO ACHIEVE A U-VALUE OF 0.15w/m2.

PERIMETER UPSTANDS/PARAPETS TO ROOF TO ALLOW SURFACE WATER TO FALL INTO INTEGRAL GUTTER SYSTEM WITHIN ROOF AND FALL INTO RAIN WATER PIPES

NEW FLAT ROOF JUNCTIONS TO BE INSTALLED AS PER MANUFACTURERS GUIDELINES TO ENSURE NO WATER INGRESS

FEATURE COPING WITH GUTTER

PROVIDE NEW 300/302mm THICK WALL TO ACHIEVE A U-VALUE OF O. I 8w/m2 COMPRISING OF I OOmm LIGHTWEIGHT THERMAL BLOCKWORK INNER SKIN, I OOmm INSULATED CAVITY (KINGSPAN KOOLTHERM KIOG WITH IOMM RESIDUAL GAP) AND 100/102mm FACING BRICKWORK TO MATCH EXISTING BELOW DPC WITH FACING STONE ABOVE.

PLEASE NOTE ALTERNATIVE INSULATION SPECIFICATIONS MAY REQUIRE ENLARGED CAVITIES OR INSULATED PLASTERBOARD.

MINIMUM 2NO COURSES OF BRICKWORK BELOW GROUND



GROUND FLOOR TO GIVE A U VALUE OF 0.18 W/M2 AND TO COMPRISE OF MINIMUM 65mm SAND / CEMENT SCREED ON 100mm DEEP CONCRETE SLAB ON 100-150mm CELOTEX GA4000/XR4000 INSULATION (DEPENDING ON P/A CALCULATION) ON 1200 GAUGE 'VISQUEEN' DPM ON 150mm SUB-BASE (also provide vcl to warm side of insulation) FLOOR LEVELS TO RUN THROUGH THE DAMP PROOF MEMBRANE IS TO BE A COMBINED RADON GAS MEMBRANE AND IS TO BE TAPED AND SEALED. JOINT POSITIONED AT SLAB EDGE TO AVOID SLIP PLANE AT WALL / SLAB JUNCTION

Section 1–1 Through Extension (scale 1:50)

PROVIDING GROUND CONDITIONS ARE OF AN ADEQUATE NATURE THEN EXCAVATE 600mm WIDE x 450mm DEEP TRENCH FILL FOOTINGS TO EXTERNAL WALLS (UNLESS NOTED OTHERWISE), FINAL DEPTH AND SIZE TO BE AGREED ON SITE WITH LOCAL AUTHORITY BUILDING INSPECTOR. THE FORMATION DEPTH OF THE FOUNDATIONS IS TO BE DOWN TO A FIRM LOAD-BEARING STRATA TO FORM A STABLE FOUNDATION. THE MIN. DEPTH IS TO BE 1000mm IN MEDIUM SHRINKABLE CLAYS. ALL FINAL DEPTHS AND PROTECTIONS OF FOOTINGS ARE TO BE AGREED ON SITE BETWEEN THE LOCAL AUTHORITY

BUILDING INSPECTOR AND THE BUILDING CONTRACTOR. ENGINEER REQUIRED TO CHECK STRUCTURAL DESIGN AND PROVIDE DETAILED SUPPORTING MEASURES, CALCULATIONS AND SPECIFICATIONS OF ALL STRUCTURAL ELEMENTS.

GENERAL NOTE

ALL WORKS ARE TO COMPLY WITH CURRENT BUILDING REGULATIONS ALL MATERIALS AND COMPONENTS ARE TO COMPLY WITH CURRENT BRITISH STANDARDS AND ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND CURRENT CODES OF PRACTICE. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS AND DETAILS PRIOR TO THE PROCUREMENT, FABRICATION OR ERECTION OF ANY COMPONENTS AND PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS



FLAT ROOF TO BE MADE UP GLASS FIBRE FLAT ROOFING SYSTEM BY SPECIALIST CONTRACTOR. ROOF TO COMPRISE OF 63x220 C24 JOISTS SPANNING AS SHOWN ON PLAN ALL AT 400-600MM CENTRES (TO BE CONFIRMED BY ENGINEER) WITH 18mm EXTERIOR GRADE PLYBOARD FIXED OVER INSULATION WITH ROOF SYSTEM FITTED OVER BY SPECIALIST WITH APPROPRIATE UPSTANDS AND WEATHERPROOFING MEASURES.

