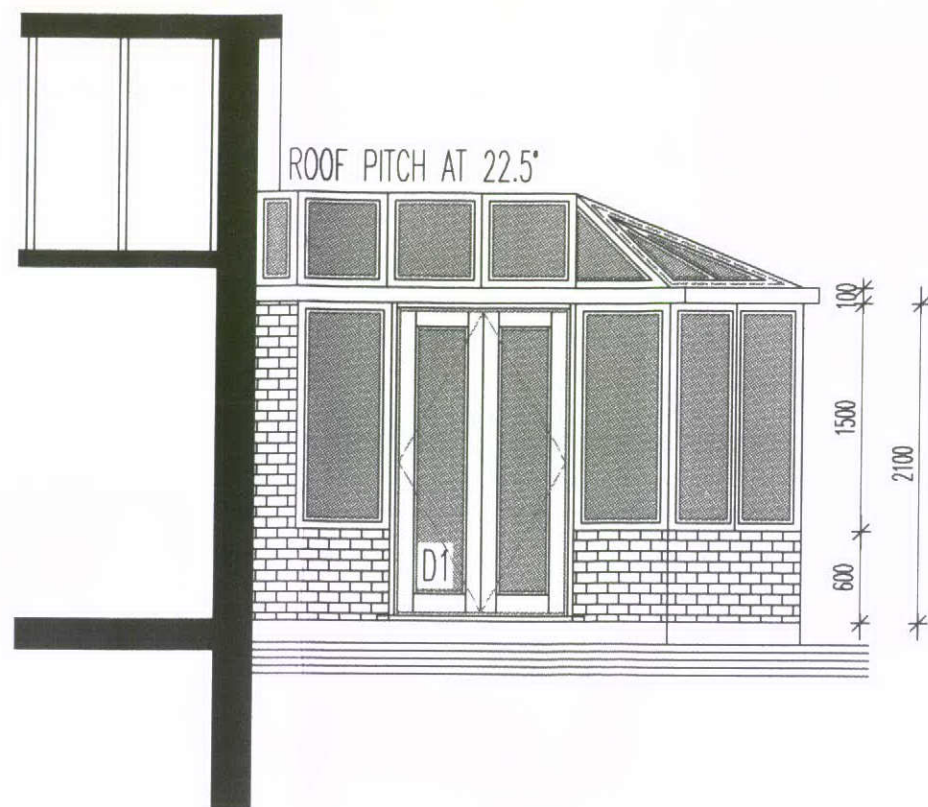
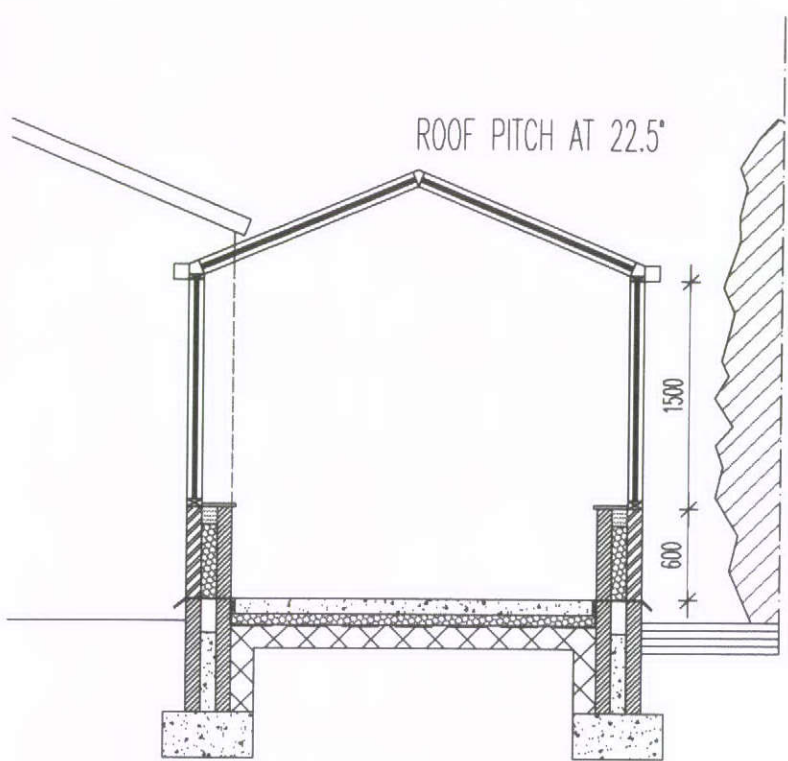


PROPOSED SECTION AND SIDE ELEVATION 1:50



SPECIFICATION:

FOUNDATIONS
CONCRETE STRIP MIN. 600 x 300min. THICK TO CAVITY WALLS & MIN. 450 x 200 THICK TO 1/2 BRICK / LOADBEARING WALLS TO SITE SPECIFIC ENGINEERS DETAILS OR 425 WIDE CONCRETE TRENCH FILL FINISHED AT LEAST 150 BELOW G.L IN CLAY SOIL NOT AFFECTED BY TREE GROWTH OR REMOVAL. DEPTH OF FOUNDATIONS TO SUIT GROUND CONDITIONS TO FIRM BED & TO APPROVAL OF BUILDING INSPECTOR. N.B. PRECAUTION AGAINST ROOT DAMAGE TO BE AGREED ON SITE WITH BUILDING INSPECTOR AND TO NHBC STANDARDS - CHAPTER 4.2.

FLOORING
100 POWERFLOAT FINISH TO CONCRETE ON 75 XTRATHERM XT / UF INSULATION ON 300 um 1200g POLYTHENE DPM ON 150 MIN GROUND BEARING SLAB. N.B WHERE HARDWARE FILL EXCEEDS 600. FLOOR SLAB TO BE SUSPENDED & REINFORCED TO NHBC STANDARDS - CHAPTER 4.5. JUNCTIONS WITH LOADBEARING WALLS & EXTERNAL WALLS TO BE CONSTRUCTED AS TO PREVENT "COLD BRIDGING".

SERVICES
COLD WATER SERVICE PIPES TO BE INSULATED THROUGHOUT LENGTH IN SUBFLOOR WITH FOAMED PLASTIC MIN THICKNESS 25mm FOR 15 DIA PIPE & 19mm FOR 22 - 28mm DIA PIPE. WALL INSULATION (MIN. THERMAL RESISTANCE OF 0.6 M²K/W) BUILT IN BEHIND RECESSED METER BOXES. ELECTRICAL INSTALLATIONS TO BE IN ACCORDANCE WITH BS.7671. W.E INDICATES WATER ENTRY POINT.

DPC
ASTOS OR EQUAL CONTINUOUS DPC MIN. 150mm ABOVE F.G.L WITH D.P.M. UNDER GROUND FLOOR. CAVITIES FILLED WITH WEAK MIX CONCRETE TO WITHIN 225mm OF F.G.F.L.

EXTERNAL WALLS
302mm CAVITY CONSTRUCTION WITH WALL TIES TO BS.1243:1978 @ 750c/c HORIZONTALLY & 450c/c VERTICALLY & 450c/c VERTICALLY STAGGERED. WALL COMPRISING 102mm BRICKWORK TO MATCH EXISTING, 100mm CAVITY 50mm XTRATHERM POLYISO XT / CW ZERO ODP INSULATION WITH 50mm AIR GAP MAINTAINED (OR FULL FILL) TO GIVE MAX. O/A U VALUE OF 0.29 WITH INTERNAL SKIN OF 3.6N HEMELITE OR EQUIVALENT BLOCKS INNER LEAF AS SHOWN WITH 13mm PBD ON DABS DRY LINING. DRY LINING TO BE SEALED WITH CONTINUOUS RIBBONS OF ADHESIVE AT PERIMETERS OF EXTERNAL WALLS, OPENINGS AND AT JUNCTION WITH SKIRTING AND CEILING. POLYTHENE DPC / CAVITY TRAYS TO OPENINGS WHERE APPLICABLE. CAVITIES TO BE CLOSED AROUND EXTERNAL OPENINGS WITH PROPRIETARY CLOSURE WITH MIN. THERMAL RESISTANCE PATH OF 0.45M K/W. WEEPHOLES TO BE PROVIDED AT ALL EXTERNAL OPENINGS.

MEANS OF WARNING AND ESCAPE
1 No SELF CONTAINED MAINS OPERATED SMOKE ALARM TO BS.5446:PART 1. TO BE INSTALLED AT ENTRY / EXIT INDICATED THUS:- SD  INTERCONNECTED & WIRED TO A SEPARATELY FUSED CIRCUIT WITH A DEDICATED MONITORING DEVICE FOR MAINS FAILURE.

HPK/2010 / 0 3 19

2 JUL 2010
KEY: AS SHOWN
KEY: AS SHOWN

DWG: PROPOSED
37 HASTINGS ROAD
BUXTON

1:50
DATE: JUNE 10
CHECKED:
DRAWN:

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37 HASTINGS ROAD

PROPOSED 04

37 HASTINGS RD