

7 SOLWAY RISE, ST BEES

SIDE and REAR EXTENSION

2 of 3

PREPARATORY WORKS: DEMOLISH & REMOVE EXISTING GARAGE & LEAN TO FROM SITE. EXCAVATE AS REQUIRED TO ERECT EXTENSION AS SHOWN IN SECTION aa

MODIFY OPENINGS AS SHOWN AND MAKE GOOD TO DISTURBED SURFACES.

HEATING: EXISTING GAS FIRED HEATING/WATER SYSTEM MODIFIED & EXTENDED TO SATISFY PROPOSALS - SEE REPORT

ROOF: CONCRETE TILES, TO MATCH EXISTING, ON 50x25 MM. TREATED SW BATTENS ON TYVEK ON 125x50 MM. RAFTERS @ 400 MM. C/S ON 225x50 MM. PURLINS, WITH 175x37 MM RIDGE, ON 100x75 MM. WALL PLATE WITH MS ANCHOR STRAPS @ 1200 MM. C/S MAX, WITH 2 NO. BOLTED 150x150 MM. TRIMMERS OVER FAMILY AREA AS SHOWN.

250x50 MM. HIP BLADES, & DRAGON TIES ETC, WITH CODE 5 LEAD VALLEY GUTTERS @ ROOF JUNCTIONS.

125x50 MM. CEILING JOISTS @ 400 MM. C/S WITH 100x50 MM. HANGERS AS SHOWN. 12.5 MM PLASTERBOARD & SKIM CEILING, WITH GF QUILT ABOVE, BETWEEN & OVERLAP - 450 MM. TOTAL.

UPVC SOFFITS & FASCIAS TO MATCH. 30x5 MM. MS LATERAL RESTRAINTS TO RAFTERS @ GABLE, @ MAX. 2M C/S.

WALLS: CAVITY 100 MM. CONZ. BLOCKWORK, 130 MM. CAVITY WITH 275 MM. WALL TIES @ 450 MM. VERTICAL & 750 MM. HORIZ C/S, & EVERY COURSE AROUND OPENINGS, WITH 75 MM. CELOTEX INS. BOARD WITHIN, ON HYLOAD PFC ON BRICKWORK/CAVITY FILL ON 700x200 MM. CONZ. STRIP FOUNDATIONS WITH MIN. 600 MM GROUND COVER ONTO LA. APPROVED BEARING STRATA (C30 MIX)

INTERNAL WALLS IN 100 MM. CONZ. BLOCKWORK ETC. ONTO 450x150 MM. FOUNDATIONS AS ABOVE

UNITOLS: INSULATED CATMC CGIS, OR SIMILAR APPROVED, WITH ASSOCIATED EPS.

FINISHES: EXTERNAL - RENDERED TO MATCH EXISTING DWELLING

INTERNAL - 2 CT. LIGHTWEIGHT PLASTER & SKIM

CAVITIES CLOSED AROUND OPENINGS, WITH THERMABATE, OR SIMILAR, (TO ACHIEVE 0.45 W/M²K, & CLOSE CAVITY @ HEAD WITH CALCIUM SILICATE BOARD, OR SIMILAR.

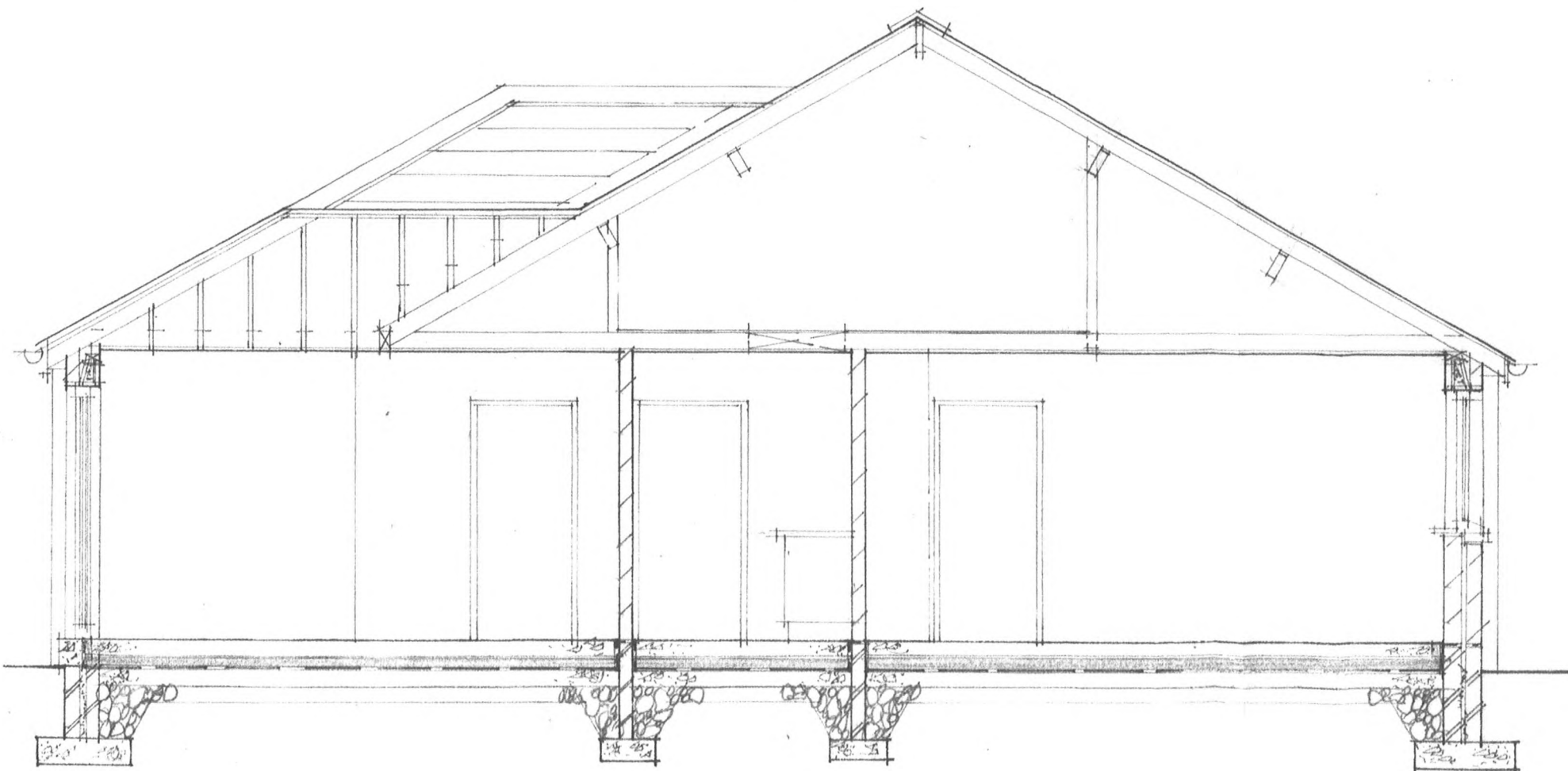
FLOOR: 150 MM. CONCRETE ON 500g. DPM ON 9mm K₂ RIGID INS. BOARD ON VISQUEEN (200g. DPM ON SAND BLINDING ON 75mm. OVERSITE CONZ. ON MIN. 150 MM. LAYER OF W/C HARDCORE, 25 MM. INSULATION EDGE STRIP AS SHOWN TO EXTERNAL WALLS.

WINDOWS/DOORS: UPVC, WITH SEALED LOW 'E' COATED IG UNITS (16 MM AIR GAP), WITH MIN. 8000 mm² TRICKLE VENTS WITH OPENINGS TO BE 1/20TH FLOOR AREA, WITH DRAUGHT STRIPS & BEDDED & SEALED WITH MASTIC.

ALL GLAZING TO BS 6206:1981

INSTAL. MECH EXTRACT FANS AS SHOWN TO KITCHEN (60 L/SEC.) & UTILITY (30 L/SEC.) AREAS

INSTAL. COMPATIBLE HEAT & SMOKE DETECTORS AS SHOWN TO LA. AS PERD POSITIONS. TO BE CCC FIRE SERVICE APPROVED, WITH 72 HR. BATTERY BACK UP, TO BS 5446



SECTION aa 1:50