



SIDE ELEVATION AS PROPOSED 1:50

FOUNDATIONS

CONCRETE STRIP MIN. 600 x 300mm. THICK TO CAVITY WALLS & MIN. 450 x 200 THICK TO 1/2 BRICK / LOADEARING 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.

GROUND FLOOR

100 POWERFLOAT FINISH TO CONCRETE ON 100 XTRATHERM XT / UF INSULATION ON 300 um 1200g POLYTHENE DPM ON MIN 150mm DEEP GROUND BEARING SLAB.

EXTERNAL WALL JUNCTION TO BE CONSTRUCTED AS TO PREVENT "COLD BRIDGING" WITH 25mm PERIMETER INSUL' DPM MUST BE CONTINUOUS OVER CAVITY WITH TRAY OVER – THIS IS FOR RADON PROTECTION

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.

DPC

ALL ELECTRICAL WORKS IN ACCORDANCE WITH APPROVED DOCUMENT 'p' UNDER CERTIFICATION

ASTOS OR EQUIV. 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

350mm CAVITY CONSTRUCTION WITH WALL TIES TO BS.1243:1978 @ 750c/c HORIZONTALLY & 450c/c VERTICALLY & 450c/c VERTICALLY STAGGERED. WALL COMPRISING 150mm OUTER COURED CRISTONE TO MATCH,100mm CAVITY 60mm XTRATHERM POLYISO XT / CW ZERO ODP INSULATION WITH AIR GAP MAINTAINED TO GIVE MIN U VALUE IN PART L COMPLIANCE WITH INTERNAL SKIN OF 7N HEMELITE OR TOPLUITE 7 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 TRANS 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

SELF CONTAINED MANS OPERATED SMOKE / HEAT ALARMS TO BS.5446:PART 1. TO BE INSTALLED INDICATED THIS:- SD INTERCONNECTED & WIRED TO A SEPARATELY FIUSED CIRCUIT WITH A DEDICATED MONITORING DENCE FOR MANS FAILURE.

VENTILATION-MECHANICAL

CONTINUOUS RUNNING FANS TO BE FITTED TO ALL WET ROOMS, (GREENWOOD AIRVAC, CV100 OR SIMILAR APPROVED) TO BE FITTED WITH CONSTANT VOLUME CONTROL & BE CAPABLE OF ACHIEVING CONSTANT RATES OF 60L/S IN KITCHENS, UTILITY ROOMS, 30L/S IN BATHROOMS & W.C'S. FANS TO VENT DIRECT TO EXTERNAL AIR.

ROOF

ROOF IS TO BE CONSTRUCTED AS ROOF TERRACE OVER A BEAM AND BLOCK FLOOR CONSTRUCTION. MIN 225 DEEP BEAMS WITH 7N INEL HEMELITE BLOCKS LAID FLAT. CONSTRUCTION OVER TO BE AN INSULATED WARM DECK ROOF OVER. BATTENED OUT TO ALLOW FOR FALL FOR WATER DISCHARGE BELOW TERRACE. FINISH TO BE HERTALAN EDPM MEMEBRANE DRESSED UP TO SIDES OF CRISTONE COPING STONE WALLS TO PERMETER. SYSTEM DESIGNED TO TAKE BALLAST FINISH WITH STONE FLAGS TO MATCH GROUND FLOOR COURTYARD. ALLOW FOR MIN 125mm KINGSPAN OR EQUIVALENT INSULATION AND MIN 1200g DPM WITH CODE 5 LEAD FLASHINGS TO WALL ABUTMENT.

ALL FINISHES ARE TO BE NON SLIP. ACCESS PROVIDED BY PART M COMPLIANT PAINTED STEEL SPIRAL STAIRCASE. TREADS TO BE NON SLIP WITH MAX RISE OF 150mm, HANDRAILS TO BE PAINTED STEEL AT HEIGHT OF 1100mm FIRE ESCAPE DISCHARGE FROM THE REAR OF THE LODGE IS EXISTING AT FIRST FLOOR FROM THE REAR WINDOW. THE ACCESS STEPS ARE HOWEVER TO BE REPLACED WITH NEW PAINTED STEEL STEPS AT MIN TREAD OF 270mm AND MAX RISE OF 150mm. ALL FINISHES TO BE NON SLIP WITH HANDRAILS TO SIDE AT 1100mm. ALL STEELWORK IS TO BE PAINTED GLOSS BLACK ON UNDERCOAT.

DWG: PROPOSED THE OLD COURTHOUSE BUXTON

REVISIONS:

1:50	CHECKED:
DATE: SEPT'12	DRAWN:

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PROPOSED 04

OLD COURTHOUSE