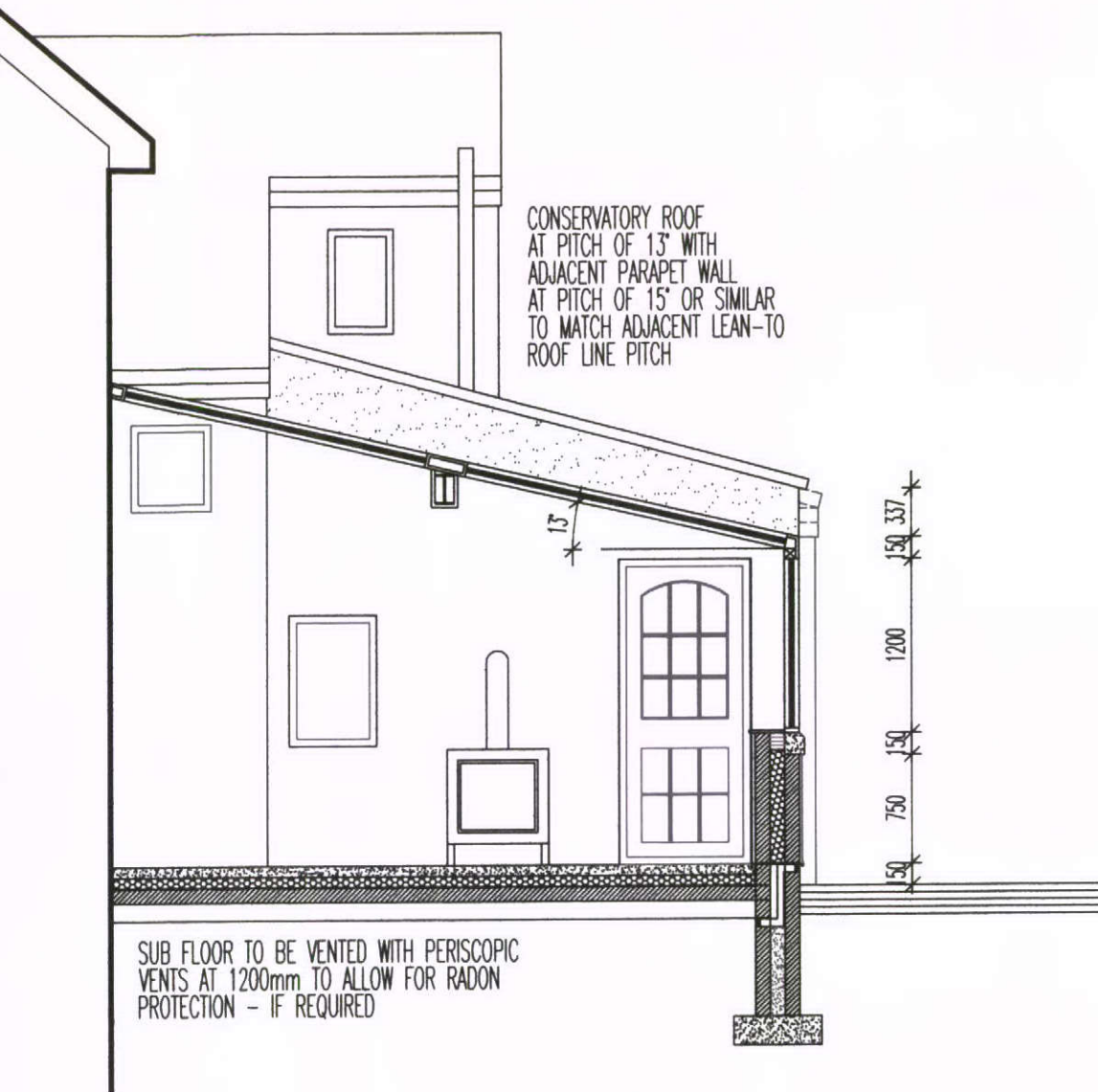




PROPOSED CONSERVATORY SECTION 1:50

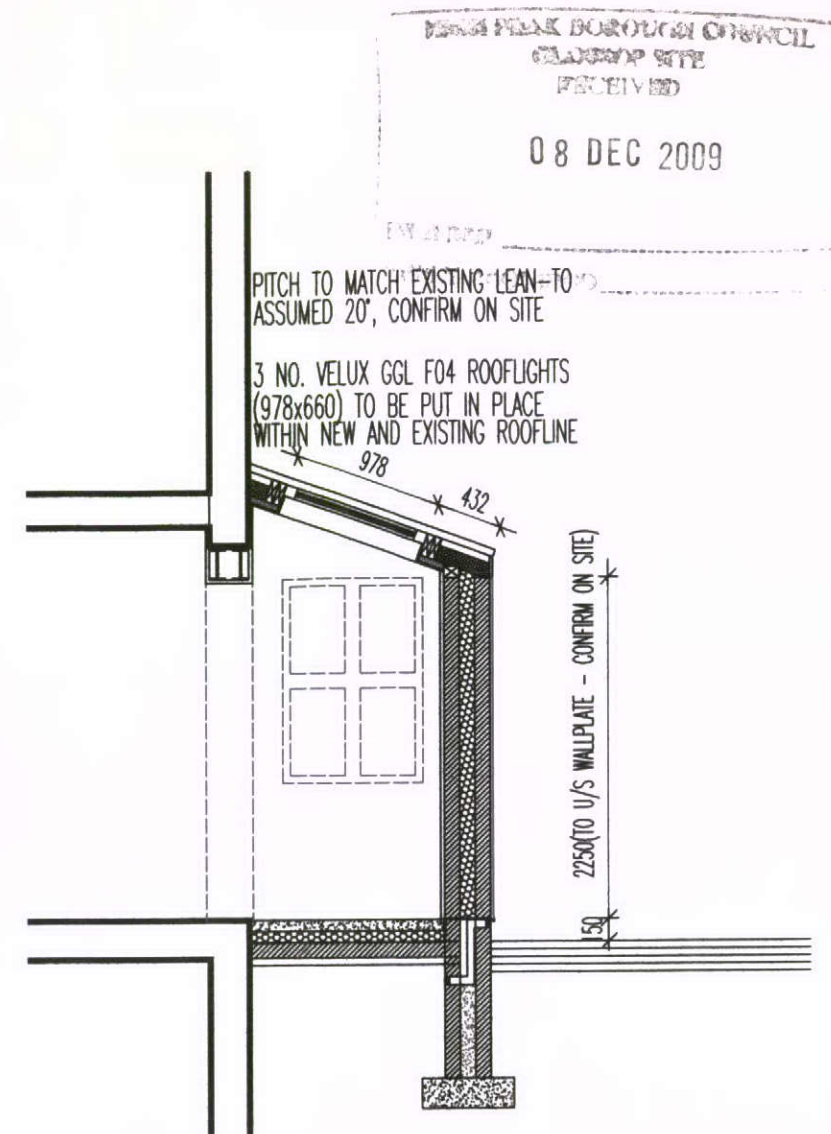
1 STOREY EXTENSION AND CONSERVATORY TO BE CONSTRUCTED OFF CONCRETE STRIP FOUNDATION - OR TO SUIT GROUND CONDITIONS TO APPROVAL OF LOCAL AUTHORITY. 600x200mm MIN THICK. DEPTH OF FOUNDATIONS TO SUIT GROUND CONDITIONS.

ASTOS DPC OR EQUAL TO MIN 150mm ABOVE F.G.L. WITH DPM UNDER GROUND FLOOR. CAVITIES FILLED WITH WEAK MIX CONC. FILL TO 225mm OF F.G.L.

GROUND FLOOR TO BE 75mm POWERFLOAT FINISH CONCRETE ON 75mm KINGSPAN KOOLTHERM K3 INSULATION ON 300um 1200g DPM, 150mm MIN DEPTH BEAM AND BLOCK FLOOR (100mm 3.5N BLOCKS TO MATCH WALL). (225mm USED IN CONSERVATORY)

EXTERNAL WALLS TO BE 300mm O/A WITH 100mm HEMELITE BLOCKWORK (20mm RENDER TO MATCH), 100mm CAVITY WITH FULL FILL INSULATION - 100mm CROWN DRITHERM, 100mm 3.5N INTERNAL BLOCKWORK (HEMELITE OR FENLITE OR SIMILAR), 13mm PBD ON DABS DRY LINING, SEALED WITH CONTINUOUS ADHESIVE AROUND OPENINGS, SKIRTINGS AND CEILINGS. CAVITY TRAYS TO OPENINGS WHERE APPLICABLE. CAVITIES CLOSED AROUND OPENINGS WITH CLOSURE WITH MIN THERMAL RESISTANCE OF 0.45M2K/W. WEEPHOLES AT ALL EXTERNAL OPENINGS.

NB: ALL NEW STRUCTURE IS TO BE TIED INTO EXISTING CAVITY WALL CONSTRUCTION WITH BLOCKWORK CHASED OUT ACCORDINGLY. ALLOW FOR VERTICAL MOVEMENT JOINT IN BLOCKWORK AT JUNCTION BETWEEN OLD AND NEW AND ALLOW FOR ALL CAVITIES TO BE CONTINUOUS WHERE APPROPRIATE.



PROPOSED LEAN-TO SECTION 1:50

EXTERNAL WINDOWS TO NEW LEAN-TO TO BE IN DARK BROWN FINISHED UPVC WITH DOUBLE GALZED UNITS OF 'U' VALUE OF 1.2

NEW ROOF AREA OVER EXTENSION OF LEAN-TO, TO BE 150x50 C24 GRADE STRUCTURAL RAFTERS AT 600mm CTRS ON NEW 100x75 WALLPLATE STRAPPED DOWN TO NEW CAVITY CONSTRUCTION BELOW AT 1200mm CTRS. BACKGROUND VENTILATION TO BE MIN OF 8000mm2. NEW VELUX ROOFLIGHTS TO BE VELUX F04 (978x660) WITH DOUBLE RAFTERS TO FRAME WITHIN ROOF STRUCTURE. RAFTERS TO BE STRAPPED BACK TO WALL OVER 3 NO. TIMBERS AND DIAGONAL STRAPS NAILED TO RAFTERS TO STOP TWIST.

INSULATION TO MAIN ROOF AREA IS TO BE 100mm CELOTEX XR3000 (50mm AIR GAP) WITH 40mm CELOTEX GA3000 TO UNDERDRAW. IF CEILING SECTION TO BE TAKEN OUT TO EXISTING ROOF STRUCTURE OVER LEAN-TO TO BE TAKEN OUT TO OPEN CEILING LINE UPTO ROOF SLOPE, THEN THE SAME SPEC APPLIES TO THE FULL SINGLE STOREY ROOF AREA. (INCREASE DEPTH OF EXISTING TIMBER TO 150mm BY FRAMING OUT TO ALLOW FOR 50mm AIR GAP AND 100mm INSULATION).

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PROPOSED 06

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