



FOUNDATIONS: 600x150 CONCRETE STRIP (MIN 450mm DEEP. 2 No SKINS 100mm THICK CONCRETE BLOCKS (7N/mm²) WITH 100mm CAVITY FILLED WITH CONCRETE TO GROUND LEVEL. FOUNDATIONS TO BE TAKEN TO THE INVERT OF ANY ADJACENT DRAINS WITH ANY WALLS OVER DRAINS SUPPORTED WITH 100x150 PC LINTELS.

GROUND FLOOR (TIMBER): 19mm MOISTURE RESISTANT FLOOR BOARD ON 75x150 SC3 (C16) FLOOR JOISTS @ 400mm c/c's (MAX SPAN 3.10m). 70mm KINGSPAN TF TO THERMAFLOOR INSULATION WEDGED BETWEEN JOISTS. 150mm AIRSPACE WITH 100mm OVERSITE CONCRETE ON BLINDED HARDCORE BED. DWOLF WALL (HONEYCOMBED) OF DIVISION WALL SUPPORTING JOISTS. AIRGRATES @ 2.00m c/c's WITH DPC OVER TO VENTILATE UNDERFLOOR VOID. 30x5 GALV STRAPS (OVER MIN 3 JOISTS) @ 2m c/c's

EXTERNAL WALLS: FACING BRICKWORK (TO MATCH EXISTING 102.50mm) WITH 100mm CAVITY WITH 50mm KINGSPAN (OR SIMILAR) TWSO INSULATION. WALLS TIES @ 900mm HORIZONTAL AND 450mm VERTICAL CENTRES. 100mm MEDIUM DENSE BLOCKS WITH 12.5mm PLASTERBOARD AND SKIM ON DABS. KINGSPAN COOLTECH CAVITY CLOSER AT JAMBS + EAVES. 100x75 WALLPLATE ON INNER LEAF STRAPPED DOWN @ 2m c/c's WITH 30x5 STRAPS

INTERNAL WALLS: 100mm MEDIUM DENSITY BLOCKWORK BUILT OFF 450x150mm FOUNDATION / THICKENING. DPC UNDER ALL WALLS. WALLS FINISHED WITH 12.5mm PLASTERBOARD + SKIM. WALL BETWEEN TOILET + UTILITY TO BE STUD WALL INCL SOUND DEADENING INSULATION QUILT BETWEEN STUDS @ 400mm c/c's. EXISTING WALLS TO BE FINISHED WITH 12.5mm PLASTERBOARD + SKIM.

ROOF: ROOF TILES TO MATCH EXISTING. KINGSPAN NILVENT BREATHABLE SARKING FELT (OR SIMILAR) OVER RAFTERS WITH 38x38mm COUNTERBATTENS. VENTILATION ZONE TO BE MAINTAINED UNDER FELT/BATTENS WITH MIN 150mm INSULATION (KINGSPAN K7 RIGID INSULATION OR SIMILAR) BETWEEN RAFTERS (LEVEL WITH UNDERSIDE). ROOF TO HAVE MIN 15° PITCH. 150x50 SC3 (C16) TIMBERS (MAX 3.13m SPAN) @ 400mm c/c's. WARM ROOF DETAIL TO BE AGREED WITH BUILDING CONTROL PRIOR TO BUILDING.

EAVES: 100mm PVC GUTTER ON WHITE UPVC FASCIA & SOFFIT TO MATCH EXISTING (BREATHABLE FELT - NO VENT SYSTEM NECESSARY).

WINDOWS/DOORS: UPVC DOUBLE GLAZED WITH TRICKLE VENTS

WASTES: GROUND FLOOR TOILET: 32mm WASH BASIN WASTE WITH RESEALING TRAPS DISCHARGING TO NEW 100mm SOIL STACK. 100mm WASTE CONNECTION TO 100mm SOIL STACK. NEW SOIL STACK TO HAVE ACCESS AT BASE AND TERMINATE 900mm ABOVE EAVES WITH BIRD PROOF GRILL

DRAINAGE: 100mm Ø UPVC OR CLAY WITH FLEXIBLE JOINTS ON GRANULAR BED WITH 100x150 PC LINTELS WHERE DRAINS PASS THROUGH WALLS. INSPECTION CHAMBERS: 450 Ø ON 100mm CONCRETE BASE WITH GRANULAR SURROUND AND GALVANISED STEEL COVER. EXISTING DRAINAGE TO BE DIVERTED AROUND EXTENSION WHERE POSSIBLE

* NOTE NEW WALLS PROPERLY BONDED TO EXISTING WITH CROCODILE TIES

SECTION 1:20 @ A3