



PITCHED ROOF
 TILES TO MATCH EXISTING, ON 38X25MM BATTENS (AT GUAGE TO SUIT TILE) ON TYVEK BREATHABLE ROOFING MEMBRANE
 150X50MM RAFTERS AT 400MM CENTRES ON 150 X 50MM WALL PLATES.
 CEILING FORMED USING 100X50MM JOISTS AT 400MM CENTRES ON 150 X 50 WALL PLATES. 12.5MM PLASTERBOARD WITH SKIM FINISH.

WALLS
 FLANK WALL EXTERNAL LEAF TO BE 102.5MM FACING BRICK TO MATCH EXISTING
 REST OF WALLS TO BE 20MM RENDER ON 100MM THERMALITE BLOCKWORK
 100MM CAVITY WITH ANCON STI TIES AT 5NO PER M2 AND DOUBLED AROUND OPENINGS
 CAVITY INSULATED WITH 90MM KINGSPAN KOOLTHERM K106 WITH 10MM RESIDUAL CAVITY.
 INNER LEAF TO BE 100MM THERMALITE BLOCKWORK
 EXTERNAL LEAF DPC TO BE AT 150MM ABOVE GROUND LEVEL
 OPENING FORMED USING CATNICK CG90/100 LINTEL WITH 150MM BEARING
 NEW WALLS TIED TO EXISTING USING STAINLESS STEEL FURFIX PROFILES.

FOUNDATIONS
 1000MM DEEP X 500MM WIDE MASS FILL CONCRETE FOUNDATIONS

NEW RAISED FLOOR
 60MM SAND CEMENT SCREED WITH D49 MESH REINFORCEMENT
 75MM KINGSPAN TF70 ON 1200G POLYTHENE DPM LAPPED TO NEW AND EXISTING DPCs

WINDOWS
 OPENABLE AREA EQUIVILANT TO AT LEAT 1/20TH OF FLOOR AREA
 WINDOW FRAME FITTED WITH NIGHT VENT TO PROVIDE 10,000MM² VENT
 WINDOWS TO PROVIDE 1.5W/M²K U VALUE, WITH DOUBLE GLAZING, ARGON FILL AND LOW E INNER PANE