



WALLS Outskirt to be 110mm approved brick facings to match existing. 100mm cavity wall with rockwool insulation to give U Value of 0.3w/m2K, inner skin to be 100mm thermalite blocks, 12mm plasterboard and skin to internal.

Butterfly type wall ties to be fixed 700mm c/c horizontally and 450mm centres vertically. Cavity to be continuous bonded to existing and sealed at eaves level with brick or block on edge. DPC to be 150mm above ground level, and insulated horizontal and vertical DPC to be around all openings and recesses. Stepped lead cavity wall flashing to be 100mm x 30mm x 5mm galvanneal MS straps to tie to walls and structural members of roof at max 1800mm c/c. Weak mix concrete cavity fill in cavity wall below ground level.

FOUNDATIONS Strip foundation 600 x 150mm min concrete (1:3:6) min depth 750mm below ground level to approval of Building Control Officer.

FLOOR 100mm thick concrete (1:3:6) on 1200 gauge visqueen on 100mm thick Kingspan Thermafloor insulation TF70 to give U value of 0.22w/m²k with 25mm upstand at perimeter on 50mm sand binding on 150mm well compacted hardcore.

FIRE All elements of structure and new ceilings to have 12mm fireline board and skim, 30 minute fire doors with frames to be installed at all relevant openings.

INTERNAL WALL. Stud walls o/o 50x100. Single boarded each side. 100mm acoustic fibre glass or rockwool. Walls taken to underside of ceiling.

DRAINS 100mm dia PVC drains to connect to existing and fall 1:40 to approval of Building Control Officer. PVC approved inspection chambers to be fitted at junction with main drain.

WASTES 32mm dia PVC waste with anti vac traps to washbasin and 38mm dia to sink connected direct to gully to new drain as above.

OPENINGS To have standard cots over with min end veering 150mm each end

ELECTRICS & GENERAL

All electrical installations to comply to BS 7671, 17th Edition of IEE Regs and Part P of Building Regs by a NICEIC electrician with a test certificate forwarded to Building Control within 30 days of completion. New radiators to have TRV are for a new builder is installed, it should be of condensing type and have min SEDBUK rating of 86%. If not, adequacy of existing boiler should be checked to determine that it is capable of handling the proposed increased loads. Service pipes to be insulated and boiler control interlocks together with zone timing and temperature controls are required. In addition, the water meter should be commissioned so that at completion the meter controls the system and their controls are left in working order and can operate efficiently. A copy of the Corgi Certificate is to be given to the Local Authority on completion.

