



NEW INSULATED INTERNAL LINING TO EXTG SOLID MASONRY EXTERNAL WALLS COMPRISING:

CUT OUT AND REMOVE ANY DEFECTIVE MASONRY TO EXTG EXTERNAL WALLS AND REPLACE WITH BRICKWORK/BLOCKWORK AS REQUIRED BEDDED AND POINTED IN LIME MORTAR. BRUSH DOWN AND CLEAN ALL INTERNAL SURFACES OF RETAINED MASONRY EXTERNAL WALLS AND REMOVE ANY NAILS OR SHARP OBJECT.

INSTALL JOHN NEWTON & Co LTD 'NEWTON 500 LATH' HIGH DENSITY POLYETHYLENE STUDDED DRAINAGE MEMBRANE TO INTERNAL FACES OF SOLID MASONRY EXTERNAL WALLS LAPPED AT JOINTS AND SEALED AND MEMBRANE FIXED TO MASONRY USING NUSEAL PLUGS WITH BUTYL RING SEALS WITH FIXINGS INSTALLED AT HORIZONTAL AND VERTICAL SPACINGS AS RECOMMENDED BY MANUFACTURER. BOTTOM EDGE OF MEMBRANE TO BE LOCATED AT UNDERSIDE OF NEW CONCRETE FLOOR SLAB BEHIND POLYTHENE DPM UPSTAND WHICH WILL ALLOW ANY MOISTURE ARRESTED BY MEMBRANE TO BE DISPERSED INTO hardcore BASE.

EXTERNAL WALLS TO BE DRY-LINED INTERNALLY USING 60MM THICK GYPROC THERMAL BOARD SUPER COMPRISING GYPROC TAPERED EDGE WALLBOARD WITH PHENOLIC FOAM BACKING PROVIDING INTEGRAL VAPOUR CONTROL. BOARDS FIXED TO NEWTON 500 LATH BACKGROUND USING GYPROC ADHESIVE DABS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS PROVIDING A 10MM CAVITY FOR CARCASSING OF ELECTRICAL WIRING. JAMBS OF EXTERNAL WALL OPENINGS DRYLINED USING 12.5MM THICK GYPROC 'DUPEX' TAPERED EDGE WALLBOARD INCORPORATING VAPOUR RESISTANT BACKING WITH BOARDS FIXED TO NEWTON 500 LATH BACKGROUND USING GYPROC ADHESIVE DABS AS BEFORE DESCRIBED.

ALL BOARD JOINTS AND ANGLES TO BE FILLED AND TAPED USING GYPROC JOINT TAPE, THIN COAT PLASTER ANGLE BEADS TO ALL EXTERNAL CORNERS INCLUDING OPENING REVEALS AND BOARDS FINISHED WITH 3MM THICK SKIM COAT OF THISTLE MULTI-FINISH PLASTER.

NEW INSULATED GROUND FLOOR SLAB CONSTRUCTION COMPRISING:

BREAK OUT AND REMOVE EXTG CONCRETE FLOOR INCLUDING DRAINAGE CHANNELS AND MANGERS AND EXCAVATE TO NEW FORMATION LEVEL. HAND TRIM FORMATION LEVEL AS REQUIRED AND LAY 150MM THICKNESS OF TYPE 2 GRANULAR hardcore MATERIAL WELL ROLLED AND COMPACTED.

SAND BLINDING.

1200 GAUGE POLYTHENE DPM LAPPED MINIMUM 300MM AT ALL JOINTS AND SEALED AND POLYTHENE DRESSED VERTICALLY AT WALL ABUTMENTS WITH POLYTHENE DRESSED IN FRONT OF WALL MEMBRANE TO FULL THICKNESS OF FLOOR CONSTRUCTION. TOP EDGE OF POLYTHENE TO BE TAPED TO WALL MEMBRANE.

100MM THICK CONCRETE FLOOR SLAB GRADE C20P TO BS5328 LAID WITH TROWELLED SURFACE FINISH.

150MM THICK CELOTEX LTD, OR EQUAL APPROVED, TYPE XR4150 INSULATION BOARD LAID TO ENTIRE AREA OF GROUND FLOOR WITH TIGHT BUTT JOINTS AND WITH ALL JOINTS TAPED USING ALUMINIUM SELF-ADHESIVE TAPE.

1000 GAUGE POLYTHENE SEPARATING LAYER LAID OVER SURFACE OF FLOOR INSULATION LAPPED 300MM AT ALL JOINTS AND SEALED AND POLYTHENE DRESSED VERTICALLY AT WALL ABUTMENTS TO THICKNESS OF FLOOR SCREED WITH POLYTHENE TAPED TO WALL MEMBRANE.

75MM THICK FLOOR SCREED MIX 1:1:2 ORDINARY PORTLAND CEMENT, SAND AND 10MM AGGREGATE BY VOLUME LAID IN TWO LAYERS. LOWER LAYER MINIMUM 30MM THICK AND UPPER LAYER MINIMUM 20MM THICK IN BAYS NOT EXCEEDING 14 SQ M AND WELL COMPACTED IN LAYERS WHEN LAID. TROWELLED SURFACE FINISH.

**FOOTPRINT AREAS:**

FOOTPRINT AREA OF EXTG BUILDING 190.70 SQ M (2052 SQ FT) MEASURED OUTSIDE EXTERNAL WALLS.

FOOTPRINT AREA OF PROPOSED CONVERTED BUILDING 119.75 SQ M (1288 SQ FT) MEASURED OUTSIDE EXTERNAL WALLS.

**FLOOR AREA:**

FLOOR AREA OF PROPOSED CONVERTED BUILDING 103.52 SQ M (1114 SQ FT) MEASURED INSIDE EXTERNAL WALLS.

Client  
**MR STEPHEN FRY.**

Project  
**PROPOSED CONVERSION OF EXISTING FARM BUILDING TO FORM SINGLE DWELLING, ELM LEAZE FARM, MAIN STREET, KEEVIL, TROWBRIDGE, WILTSHIRE. BA14 6NE**

Drawing Title  
**DESIGN DRAWING. PLAN.**

Scale	Date	Drawn by
AS INDICATED	NOV 2017	

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