



**EXISTING GROUND FLOOR PLAN**

**1. FOUNDATIONS:**  
 650x200mm CONCRETE STRIP FOUNDATIONS AT DEPTH TO SUIT. MIN. 900mm.  
 FOUNDATIONS TO INVERT LEVEL OF DRAINS.

**2. EXTERNAL WALLS:**  
 140mm ARTIFICIAL STONE TO OUTER LEAF. 150mm CAVITY RETAINING CLEAR 50mm SPACE. 100mm KINGSPAN THERMAWALL TW50 PARTIAL FILL CAVITY WALL INSULATION. 100mm CONCRETE BLOCKS (7N/m<sup>2</sup>) TO INNER LEAF. 12.5mm KNAUF PLASTERBOARD. STAIFIX S/S WALL TIES 250mm HRT4 WITH RETAINING CLIPS. WALL TIES PLACED 750mm HORIZONTALLY, 450mm VERTICALLY & WITHIN 250mm OF ALL OPENINGS. U-VALUE: 0.18W/m<sup>2</sup>K. 150x100mm RC LINTELS TO ALL WINDOW AND DOOR OPENINGS. 215x100mm RC LINTELS TO OPENINGS GREATER THAN 1500mm. CAVITY TRAYS ABOVE ALL NEW LINTELS WITH WEEP HOLES @ENDS. PROPOSED WALLS TO BE BLOCK BONDED INTO EXISTING WALLS.

**3. ROOF:**  
 CONCRETE TILES TO MATCH EXISTING ROOF INCLUDING BATTEN SPACE. MARLEY 1F UNDERSLATORS FELT OVER 175x50mm C16 RAFTERS @400mm c/c. 150mm CROWN WOOL LAID B/W CEILING JOISTS. 150mm CROWN WOOL LAID OVER CEILING JOISTS. CROWN WOOL TO LINK WITH WALL INSULATION TO AVOID THERMAL BRIDGE. CONTINUOUS ROLL EAVES PANEL TO ADD VENTILATION. VENTILATED SOFTFIT STRIP. RAFTERS SPIKE TO 100x50mm WALL PLATE. WALL PLATE TO BE STRAPPED TO WALL WITH 30x5mm GALV. MILD STEEL STRAPS @1000mm c/c SCREWED AND PLUGGED TO BLOCKWORK. U-VALUE: 0.15W/m<sup>2</sup>K. CAVITY TRAY ON ABUTMENT OF LEAN TO ROOF. HIGH LEVEL VENTILATION TO LEAN TO ROOF.

**4. CONCRETE FLOOR:**  
 150mm THICK CONCRETE SLAB ON KINGSPAN K103 100mm THICK OVER 1200g VISQUEEN DPM ON SAND BLINDED HARDCORE. U-VALUE: 0.18W/m<sup>2</sup>K.

**5. CEILINGS:**  
 150x50mm SC3 CEILING JOISTS @400mm c/c. 12.5mm PLASTERBOARD WITH SKIM.



**EXISTING FRONT ELEVATION**

**PROPOSED 1-STOREY REAR EXTENSION WITH FRONT PORCH AT 2 KENSINGTON WAY, GOMERSAL, BD19 4FB, FOR MR GORJI**

SCALE: 1:100(A3) DATE: MAY 2023 DRAWN BY: ZESHAN KHAWAJA

PLANNING/BUILD REGS DRAWING NUMBER: 23/2960/G1

**Khawaja**  
 PLANNING SERVICES

TEL: 01274 618780 MOB: 07956 184960