

FIRST FLOOR EXTENSION

FRONT, REAR AND SIDE WALL /CAVITY WALL CONSTRUCTION

290mm CAVITY WALLS (FULL FILL INSULATION) :-
 102.5mm BRICKWORK TO MATCH EXISTING. 75mm FILLED CAVITY WITH 75mm DRITHERM 32 CAVITY SLABS, 100mm DUROX SUPERBLOC WITH 9.5mm PLASTERBOARDS ON DABS GIVING A U VALUE OF 0.28W/m² K, WITH 3mm OF FINISHING PLASTER. WALL TIES TO BE S.S. AT 450mm C/C HORIZONTALLY AND VERTICALLY. OR SIMILAR APPROVED.
 NEW BRICKWORK TO BE TOOTHED INTO EXISTING BRICKWORK OR "FURFIX" WALL EXTENSION SYSTEM OR SIMILAR APPROVED GALVANISED STEEL PROFILES TO COMPLY WITH BRITISH STANDARDS. VERTICAL DPC TO BE INSTALLED INTO EXISTING MASONRY LEAF.
 BACK WALL ONLY TO HAVE FACE HUNG TILING ON BATTENS TO MATCH EXISTING.

FIRST FLOOR CONSTRUCTION

EXISTING TIMBERS TO GROUND FLOOR FLAT ROOF ARE 175mm X 50mm AT 400 C/C. TO BE REBOARDED WITH 18mm THICK PLY. THESE ARE CAPABLE TO TAKE THE REQUIRED LOAD UP TO A CLEAR SPAN OF 3650mm. ACTUAL CLEAR SPAN IS 2260mm SO WITHIN RANGE. AT PARTITION LOCATIONS RUNNING PARELLEL 2 ADDITIONAL JOIST NEED TO BE ADDED. AT PARTITION LOCATIONS PERPENDICULER TO THE SPAN 1 ADDITIONAL JOIST NEEDS TO BE ADDED AT EACH JOIST LOCATION.
 TO BE PROVIDED WITH 100mm OF SOUND INSULATING MATERIAL IN ACCORDANCE WITH APPROVED DOCUMENT E.

INTERNAL STUD WALLS

INTERNAL PARTITION WALLS TO BE 100mm STUDWORK BUILT OFF BOARDING, WITH PLASTER BOARD AND PLASTER FINISH BOTH SIDES.
 STUD WALLS ARE TO BE FIXED THROUGH THE BOARDING INTO THE JOISTS.

WINDOWS

ALL WINDOWS TO BE DOUBLE GLAZED WITH DRAUGHT STRIPS. UPVC PRODUCTS TO MATCH EXISTING TO CLIENTS APPROVAL OR SIMILAR APPROVED. TO ACHIEVE A RATING AS DETAILED IN TABLE 1 (STANDARDS FOR CONTROLLED FITTINGS) OF APPROVED DOCUMENT L1B.
 ALL GLASS LOWER THAN 800mm ABOVE FLOOR LEVEL TO BE LAMINATED GLASS, MANUFACTURED IN ACCORDANCE WITH THE BRITISH STANDARND.
 NEW 1400x790mm ROOFLIGHT TO MATCH DIMENSIONS OF EXISTING ROOFLIGHT TO CONFORM TO RELEVANT BRITISH STANDARDS.
 ALL NEW GLAZING IS REQUIRED TO MEET THE RELEVANT REQUIREMENTS OF APPROVED DOCUMNET K.
 BEDROOM WINDOWS TO HAVE AN OPENING WINDOW AT EACH END WITH A CLEAR OPENING OF 530mm WIDE TO MATCH EXISTING WINDOWS, WITH A CILL HEIGHT LESS THAN 1.1M ABOVE FFL. SO COMPLYING TO STANDARDS FOR AN ESCAPE WINDOW.

PLUMING AND DRAINAGE

BASIN WASTES 38mm UPVC CONNECTED TO 100mm DIA SVP FITTED WITH 75mm DEEP SEAL TRAPS.
 WC'S FITTED WITH 100mm DIA SOIL PIPE TO 100 mm SVP.
 ANY WASTES EXCEEDING 2.10m TO BE FITTED WITH ANTI SYPHON TRAPS & RODDING ACCESS POINTS AT RIGHT ANGLE BENDS. ALL CONNECTIONS TO BRITISH STANDARDS.
 SOIL AND VENT PIPES TO BE STUB STACKS.

ELECTRICS

LIGHTING -- ALL NEW ROOMS TO BE FITTED WITH ENERGY EFFICIENT DROP LIGHTING.
 NEW LIGHTING AND POWER RING MAINS TO BE CONNECTED BACK TO MAIN CONSUMER UNIT.

CEILING

13mm PLASTERBOARD SKIMMED WITH PLASTER AND PAINTED.

ROOF CONSTRUCTION

NEW TRUSSED ROOF TO MATCH PITCH OF EXISTING ROOF.
 ONSIGHT DIMENSIONS TO BE TAKEN AND ENGINEERED DESIGN TO BE PRODUCED BY TRUSS MANUFACTURER.
 TRUSSES TO BE PRODUCED TO RELAVANT BS STANDARDS.

WALL PLATES AND ROOF TIMBERS TO BE RESTRAINED BY USE OF GALVANISED METAL STRAPS 30mm x 5mm @ 1200 CRS.
 FLANK WALLS TO HAVE LATERAL RESTRAINT PROVIDED BY 30mm x 5mm GALVANISED METAL STRAPS @ 1200 CRS SCREWED INTO 1ST & 2ND JOISTS BENT DOWN THE WALL 600mm & SCREWED INTO WALL USING 5 No SCREWS.

ROOF VENTILATION:- PROVIDE MIN 10,000mm²/m² AT EAVES LEVEL USING "GLIDEVALE" TYPE RV625F RAFTER VENTILATORS FIXED BETWEEN ALTERNATE RAFTERS.

ROOF INSULATION:- INSULATION QUILT TO BE LAID BETWEEN TRUSSES WITH INSULATION QUILT LAID AT RIGHT ANGLES TO TRUSSES, TOTAL INSULATION THICKNESS OF 270mm TO GIVE U-VALUE OF NOT LESS THAN 0.16W/m² K OR SIMILAR APPROVED. EXISTING ROOF INSULATION TO BE UPGRADED TO NEW ROOF INSULATION.

GUTTERING

100mm DIA H.R. GUTTER ON 20mm THICK FACIA BOARD WITH 10mm CONTINUOUS AIR GAP ALL ROUND. CONNECTING TO EXISTING GUTTERS AND DOWN PIPES.

GENERAL NOTES

NO DIMENSIONS TO BE SCALED FROM THE DRAWINGS.
 SITE DIMENSIONS SHALL BE TAKEN PRIOR TO ORDERING / MANUFACTURING OF GOODS OR MATERIALS.

VENTILATION OF ROOMS
 HABITABLE ROOMS :- TO HAVE NATURAL VENTILATION OPENINGS, MIN ONE TWENTIETH OF THE FLOOR AREA, IN ADDITION ALL WINDOWS TO BE FITTED WITH CONTROLLABLE TRICKLE VENTILATORS FOR BACKGROUND VENTILATION. MIN AREA OF 8000mm²

WC:- TO HAVE MECHANICAL EXTRACT FANS TO ACHIEVE THE REQUIREMENTS OF APPROVED DOCUMENT F.

HEATING BY RADIATORS CONNECTED TO EXISTING SYSTEM. ALL NEW RADIATORS TO BE FITTED WITH THERMOSTATIC RADIATOR VALVES (TRV).

ALL NEW STRUCTURAL TIMBERS TO BE GRADE C16 TO BS. EN. 338:2004 AND TREATED WITH AN APPROVED PRESERVATION TO C.P.112.

LINTELS OVER EXTERNAL WINDOWS TO BE A CATNIC TYPE CN7A (OR SIMILAR APPROVED).

LEAD FLASHING TO BE TOOTHED INTO BRICKWORK 150mm HIGH. LEAD TO BE CODE 4.

PART P ELECTRICAL AND GAS SAFE CERTIFICATION WILL BE PROVIDED AT THE COMPLETION OF THE WORKS.

- NOTES:
 1). THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF PAUL DEVITT.
 2). ALL DIMENSIONS TO BE CHECKED BEFORE COMMENCEMENT OF WORK ON SITE.

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| | | | | PROJECT | DRAWN: | Project Address |
| | | | | <i>A first floor side extension over an existing ground floor.</i> | <i>PMD</i> | <i>Mr J Greenwood</i> 5 Foxwood Road Bean Dartford |
| | | | | | SHEET SIZE: | |
| | | | | | <i>A3</i> | |
| | | | | DRAWING TITLE | SCALE: | DRAWING NUMBER: |
| | | | | <i>SPECIFICATION</i> | <i>NTS</i> | <i>010</i> |
| | | | | | UNITS: | REV: |
| | | | | | <i>mm</i> | <i>A</i> |
| Rev | <i>A</i> | ISSUED FOR PLANNING | PMD | 06/05/2022 | | |
| | | Comments | Drawn | Date | | |