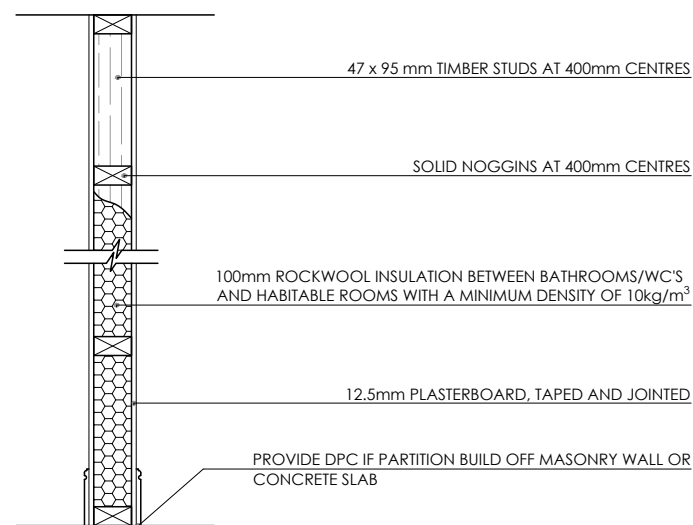


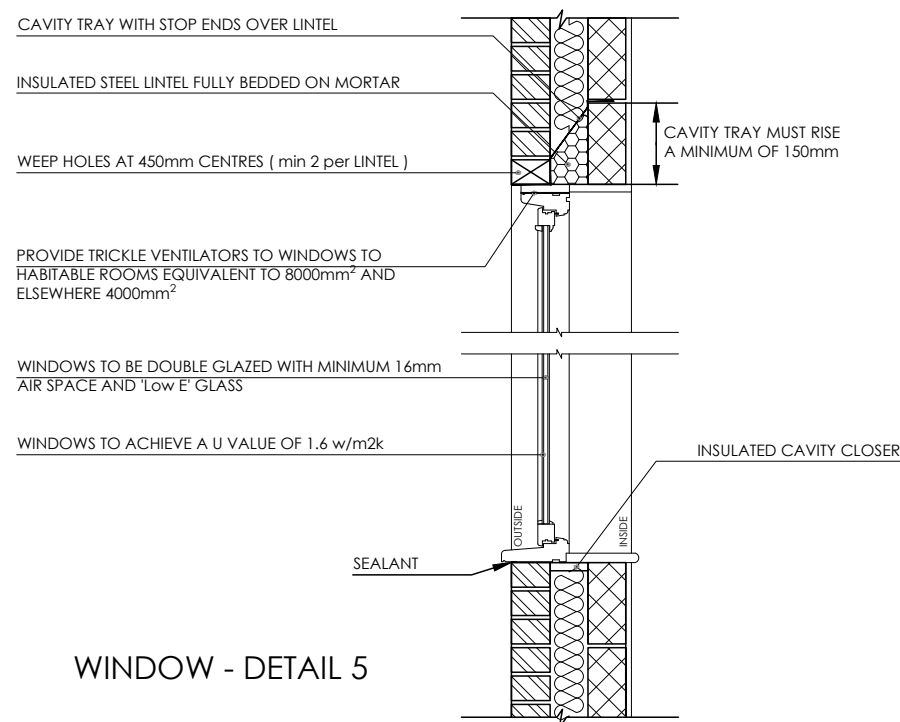
**FULL FILL CAVITY WALL WITH RENDER FINISH  
DETAIL 3**

20MM CEMENT AND SAND RENDER FINISH TO COMPLY TO BS EN 13914-1:2016 APPLIED IN 2 COATS ONTO 100MM THERMALITE TURBO 2.9N BLOCKS. FULLY FILLED INSULATED CAVITY USING 75MM KNAUF DRITHERM 37 STANDARD. CAVITY WALL INSULATION INSTALLED IN ACCORDANCE WITH MANUFACTURES DETAILS. INNER SKIN OF 100MM THERMALITE TURBO 2.9N BLOCKS, WITH COMPRESSIVE STRENGTH IN ACCORDANCE WITH STRUCTURAL ENGINEER'S DETAILS. FINISH WALLS INTERNALLY USING 12.5MM STANDARD PLASTERBOARD DABBED TO WALLS USING WALLS ADHESIVE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. TAPED AND JOINTED COMPLETE WITH BEADS AND SKIM PLASTER FINISH.  
ALL BRICKWORK AND BLOCKWORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST AMENDMENTS OF BS 5628.  
ALL MORTAR FOR EXTERNAL AND INTERNAL WALLS SHALL BE CLASS 3 DESIGNATION AND BE CONSISTENT IN COLOUR AND QUALITY THROUGHOUT.  
U-VALUE 0.26 W/m<sup>2</sup>K



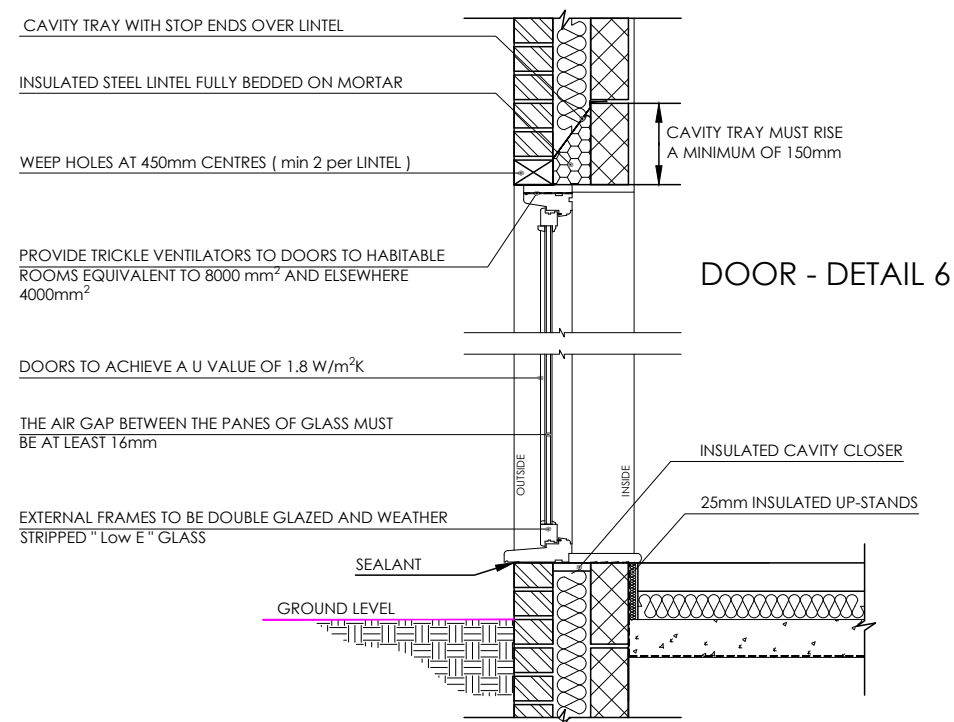
**INTERNAL TIMBER STUD PARTITIONS - DETAIL 4**

47 x 95 mm TIMBER STUDS AT 400mm CENTRES WITH HEAD AND SOLE PLATES AND INTERMEDIATE NOGGINS AT 450 CENTRES VERTICALLY. SOLE/HEAD PLATES TO BE GLUED AND SCREWED TO FLOOR JOISTS AND WHERE NECESSARY FIX ADDITIONAL TIMBER MEMBERS TO ALLOW ADEQUATE FIXING OF FITTINGS ETC. BOTH SIDE TO BE FINISHED WITH 12.5MM PLASTERBOARD, SCRIM AND SKIM PLASTER FINISH. PARTITION TO HAVE 100mm ROCKWOOL INSULATION BETWEEN BATHROOMS/WC'S AND HABITABLE ROOMS WITH A MINIMUM DENSITY OF 10 Kg/m<sup>3</sup>  
FLOOR JOISTS MUST ALSO BE DOUBLED UP AND BOLTED TOGETHER UNDER PARALLEL TIMBER PARTITION WALL OR PROVIDE NOGGINS WHERE AT RIGHT ANGLES.  
PROVIDE DPC IF PARTITION BUILD OFF MASONRY WALL OR CONCRETE SLAB.



**WINDOW - DETAIL 5**

WINDOWS TO ACHIEVE A U VALUE OF 1.6 w / m<sup>2</sup>k  
WINDOWS TO BE DOUBLE GLAZED WITH MINIMUM 16mm AIR SPACE AND 'Low E' GLASS  
SAFETY GLASS SHALL COMPLY WITH BS 6206 ( TOUGHENED OR LAMINATED ) AND HAVE MARKINGS ON EACH PIECE OF SAFETY GLAZING.  
OPENING LIGHT MUST BE EQUAL TO 1/20TH OF THE FLOOR AREA OF THE ROOM IN WHICH IT IS LOCATED PROVIDE TRICKLE VENTILATORS TO WINDOWS TO HABITABLE ROOMS EQUIVALENT TO 8000mm<sup>2</sup> AND ELSEWHERE 4000mm<sup>2</sup>.  
ALL WINDOWS TO BE FITTED WITH DRAUGHT-PROOF SEALS  
MINIMUM OVERLAP BETWEEN THE FRAME AND CAVITY CLOSER 80mm

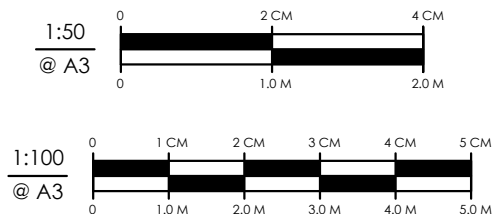


**DOOR - DETAIL 6**

DOORS TO ACHIEVE A U VALUE OF 1.8 w / m<sup>2</sup>k  
EXTERNAL FRAMES TO BE DOUBLE GLAZED AND WEATHER STRIPPED. 'Low E' GLASS.FRAMES TO 'FENSA' STANDARDS.THE AIR GAP BETWEEN THE PANES OF GLASS MUST BE AT LEAST 16mm  
DOORS AND ABUTTING WINDOWS TO BE SAFETY GLASS TO COMPLY WITH BS6206 1981.  
SAFETY GLAZING TO HAVE MARKINGS ON EACH PIECE OF SAFETY GLAZING.  
UNITS TO BE PROVIDED WITH VENTILATION UNITS AND SAFETY GLAZING AS INDICATED IN VENTILATION SECTION OF THIS SPECIFICATION.  
MINIMUM OVERLAP BETWEEN THE FRAME AND CAVITY CLOSER 30mm  
ENTRANCE DOOR TO BE 932mm WIDE WITH A DISABLED THRESHOLD.ENSURE DOOR HAS A MINIMUM CLEAR OPENING OF 775mm.  
ALL DOORS TO BE FITTED WITH DRAUGHT-PROOF SEALS.

**NOTES**

ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS.  
ALL DIMENSIONS / LEVELS TO BE CHECKED AND VERIFIED ON SITE BEFORE COMMENCING ANY WORK AND ANY DISCREPANCIES TO BE REPORTED TO THE OFFICE IMMEDIATELY.  
THIS DRAWING TO BE READ IN CONJUNCTION WITH CONTRACT DOCUMENTS, PROJECT WORKING DRAWINGS, SPECIFICATION, ALL CONSULTANTS / SPECIALIST DRAWINGS, DETAILS AND SPECIFICATION.  
ALL MATERIALS TO BE USED IN THE CONSTRUCTION OF THE EXTERNAL SURFACES OF THE NEW WORKS SHALL MATCH THOSE IN THE EXISTING BUILDING.  
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Architectural, Engineering & Building Services



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SITE:

JOB TITLE:  
TWO STOREY REAR EXTENSION

DRAWING TITLE:  
PROPOSED DETAILS

SCALE: NOT TO SCALE DATE: JUNE 2021

JOB NUMBER:

DRAWING NUMBER: 21/24 DRAUGHTSMAN: SDS REV: A

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