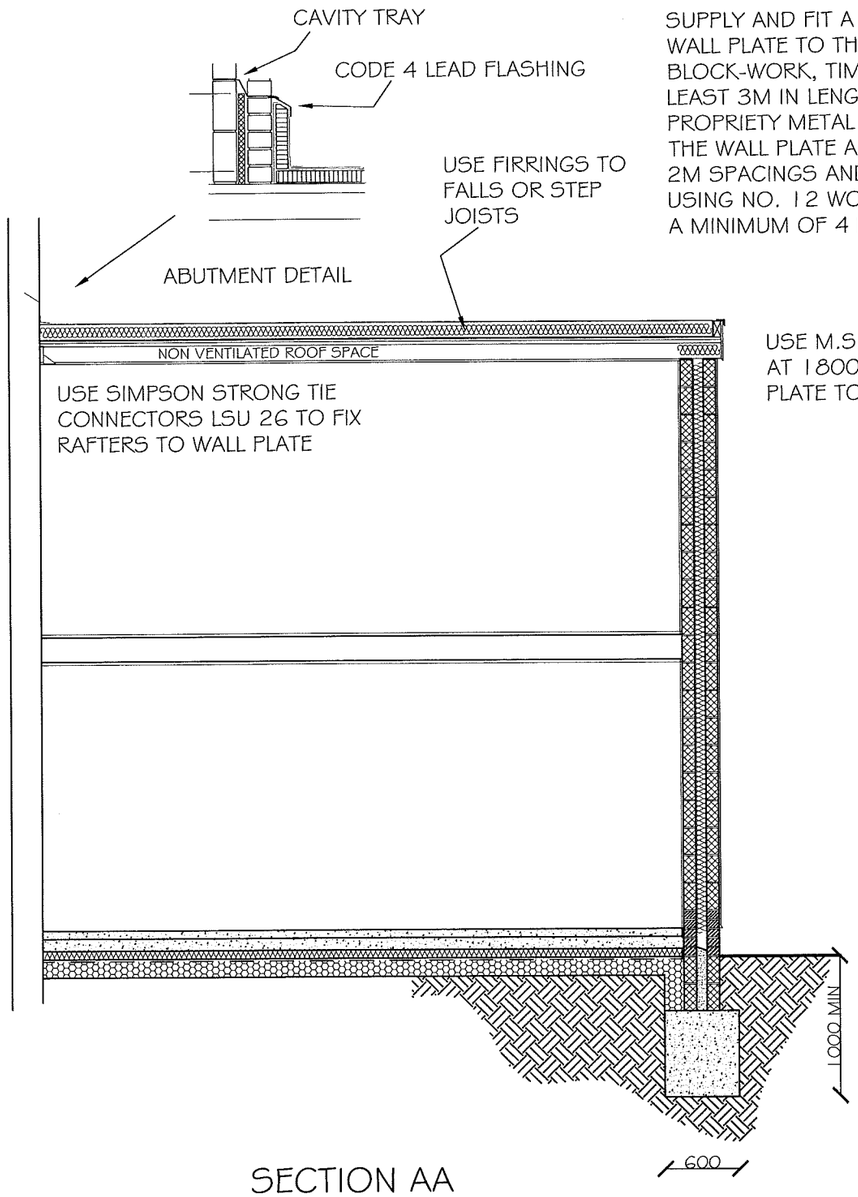

SECTION AA

SUPPLY AND FIT A 50X75mm SOFTWOOD TIMBER WALL PLATE TO THE TOP COURSE OF BLOCK-WORK, TIMBERS USED SHOULD BE AT LEAST 3M IN LENGTH. SUPPLY AND FIX 2.5X32mm PROPRIETY METAL HOLDING DOWN STRAPS TO THE WALL PLATE AND WALLS. STRAPS WILL BE AT 2M SPACINGS AND PLUGGED AND SCREWED USING NO. 12 WOOD SCREWS 50MM LONG AND A MINIMUM OF 4 FIXINGS PER STRAP.

USE M.S. VERTICAL TWIST STRAPS AT 1800mm CENTRES TO FIX WALL PLATE TO WALL

DEPTH OF FOUNDATIONS CONFIRMED ON SITE

DPC MINIMUM 150mm ABOVE FINISHED GROUND LEVEL,

CAVITIES FILLED TO GROUND LEVEL WITH WEAK CEMENT MIX, TRENCHES BACKFILLED WITH CLEAN HARDCORE

WALLS
300 mm CAVITY COMPRISING EXTERNAL SAND/CEMENT WATERPROOF RENDER, FINISHED TO MATCH EXISTING PROPERTY ON 100mm CONCRETE BLOCK, 100mm CAVITY FILLED WITH ROCKWOOL INSULATION, INNER SKIN TO BE 100mm THERMALITE SHIELD 2000 INSULATION BLOCK (OR SIMILAR) AND PLASTER FINISH. 'U' VALUE OF AT LEAST 0.28W/m.sq./K. STEEL VERTICAL TWIST WALL TIES (COMPLYING WITH BS 1243) AT 700mm HORIZ'L AND 450mm VERT'L SPACINGS WITH CENTRES STAGGERED. TIES SHOULD BE LONG ENOUGH SUCH THAT A MINIMUM OF 50mm IS BEDDED INTO EACH SKIN. BLOCKS BELOW DPC TO BE HIGH DENSITY TYPE, ANY BRICKS BELOW DPC TO BE ENGINEERING TYPE. VERTICAL DPC TO ALL CAVITY RETURNS, CAVITY TRAYS OVER NEW OPENINGS. USE CATNIC OR I.G. STEEL LINTELS OVER NEW OPENINGS WITH AT LEAST 150mm END BEARING. LINTELS TO BE BEDDED ON BRICKLAYING MORTAR AND LEVELLED BOTH LONGITUDINALLY AND HORIZONTALLY. THE INNER AND OUTER LEAVES SUPPORTED BY THE LINTEL SHOULD BE RAISED TOGETHER TO AVOID ECCENTRIC LOADING. THE MAX OVERHANG OF BLOCKWORK IS 25mm. ALL EXTERNAL WALL LINTELS TO BE INSTALLED WITH A FLEXIBLE DAMP PROOF COURSE IN ACCORDANCE WITH BS 5268. WEEPHOLES SHOULD BE PROVIDED IN THE OUTER LEAF ABOVE A LINTEL TO DRAIN MOISTURE FROM THE CAVITY. HORIZONTAL HY-LOAD DAMP PROOF COURSE TO BE BEDDED ON WALLS AT LEAST 150mm ABOVE FINISHED GROUND LEVEL AND OVERLAPPED INTO EXISTING WHERE POSSIBLE. NEW WALL STRUCTURE TOOTHED INTO EXISTING PROPERTY AND CAVITIES MADE CONTINUOUS OR USE FURFIX EXTENSION PROFILES IN CONJUNCTION WITH VERTICAL DPC.

FLAT ROOF CONSTRUCTED USING ALUMASC MG4 CAP SHEET ON MG3 UNDERLAY ON 150mm PIR INSULATION ON A VAPOUR CONTROL LAYER. DECKING TO BE 18MM ROOF GRADE OSB 3 TIMBER BOARD ON FIRRINGS TO FALL (1:40) ON 47X195MM SC4 GRADE TIMBER JOISTS AT 400MM CENTRES. CEILING TO BE 12.5MM FOILBACKED PLASTERBOARD AND SKIM FINISH. WALL PLATES SHOULD BE AT LEAST 50X75MM. LATERAL RESTRAINT PROVIDED BY 5X30MM MILD STEEL STRAPS AT 1200MM SPACINGS IN ACCORDANCE WITH BS 5268 PART 3. NB, FELT USED TO HAVE AN AA FIRE RATING, DETAILS TO BE SUPPLIED WHEN PURCHASED, MINIMUM 'U' VALUE OF AT LEAST 0.18W/m.sq./K. TO BE ACHIEVED

GROUND FLOOR
65mm SAND/CEMENT SCREED LAID ON 100mm CONCRETE SLAB (NOM 1:3:6 MIX) ON 1200 GAUGE VISQUEEN DAMP PROOF MEMBRANE ON SAND BLINDING ON 150mm WELL PACKED HARDCORE. FROM EXPOSED PERIMETER/AREA CALCULATION (111.8/16.25=0.73) AND MANUFACTURERS DETAILS USE 100mm KINGSPAN KOOLTHERM INSULATION BOARDS UNDER SLAB. 'U' VALUE OF 0.22W/m²K SHOULD BE ACHIEVED. MEMBRANE TUCKED UP WALL INTO DPC.

General Notes

No.	Revision/Issue	Date

A.J. BROWN
BUILDING PLANS
16 HARRINGTON AVENUE
STOCKWOOD
BRISTOL
BS14 8JT
TELEPHONE 01275 839332
e-mail: antonybrown@blueyonder.co.uk

Project Name and Address
MR MANIGLIA
103 ST PETERS RISE
BISHOPSWORTH
BRISTOL
Job No. 35/1

Project	Sheet
SINGLE STOREY EXTENSION	5
Date: JANUARY 2021	
Scale: 1/50	

DWG FILENAME MANIGLIA