

-
- This architectural section drawing illustrates a proposed extension to a residential building. The existing structure features a gabled roof and contains two bedrooms and a living room. The new extension, located on the right side, has a flat roof and includes a large open space labeled "Extension".
- Room Labels:**
- Bedroom (Left)
 - Living Room
 - Bedroom (Right)
 - Extension
- Dimensions (in mm):**
- Overall width of the extension: 5000
 - Width of the left bedroom: 2480
 - Width of the living room: 2618
 - Width of the right bedroom: 4700
 - Height from ground level to the top of the extension wall: 2250
 - Height from ground level to the top of the extension wall (excluding the base): 1650
 - Height of the extension wall above the base: 1000
 - Base width of the extension: 600
 - Base height of the extension: 225
- Notes:**
- FLOOR FINISH HEIGHT TO MATCH EXISTING
- Title Block:**
- PROPOSED SECTION DETAIL
SCALE 1:50 @ A3

[illegible]

CAVITY MASONRY WALL U-VALUE 0.28W/M2K

SUB FLOOR TO BE VENTILATED BY MEANS OF
AIR BRICKS SLEEVED THROUGH CAVITY WALL AT
2M CENTRES

ALL CAVITIES TO BE CLOSED TO WINDOW AND DOOR REVEALS BY MEANS OF INCORPORATING CAVITY TRAYS LTD TYPE H CAVICLOSER.

ALL EXISTING CAVITIES TO BE MAINTAINED
WHERE NEW CONSTRUCTION MEETS EXISTING

PITCH ROOF CONSTRUCTION – MAIN ROOF
(U-VALUE OF 0.18W/m²K)

PLAIN CONCRETE TILE TO MATCH EXISTING
38X25MM TREATED SOFTWOOD BATTENS
TYVEK SUPRO
47X150MM C24 GRADE RAFTERS
WITH 225X25MM RIDGE BEAM
47X200MM C24 GRADE CEILING JOISTS WITH
200MM ROCKWOOL QUILT INSULATION BETWEEN
JOISTS AND
100MM ROCKWOOL QUILT INSULATION ABOVE
12.7MM PLASTERBOARD AND SKIM

ROOF JOISTS TO BE STRAPPED TO EXTERNAL
WALLS WITH 30X5MM GALVANISED MILD STEEL
STRAPS AT MINIMUM 2M CENTRES

WINDOWS/DOOR TO REACH MIN U-VALUE OF
1.60W/M2K

NEW DOUBLE GLAZED UPVC DOORS AND
WINDOWS FITTED WITH TRICKLE VENTS AND
LOW-E GLAZING - TO HAVE PROPRIETARY
CATNICK LINTOL OVER TO SUIT CAVITY
CONSTRUCTION. ALL GLAZING TO DOORS TO BE
SAFETY GLAZING WHICH COMPLIES WITH BS6206
1981

ALL NEW WINDOWS AT FIRST FLOOR TO BE UNOBSTRUCTED AND HAVE MINIMUM CLEAR OPENING OF 0.33M² AND AT LEAST 450MM WIDE AND 450MM HIGH

CONCRETE FLOOR U-VALUE OF 0.22W/M2K

MIN 65MM SAND/CEMENT SCREED
VAPOUR CONTROL LAYER
80MM CELOTEX GA4000 RIGID FOIL-FACED FOAM
BOARD PIR
100MM CONCRETE
1200 GAUGE DPM
50MM SAND BLINDING
MIN 150MM HARDCORE

NEW PRIVATE STAIRCASE AS PER TABLE 1 OF
APPROVED DOCUMENT K, PITCH NO MORE THAN
42 DEGREES.

CONTRACTOR TO MEASURE FFL TO FFL AND
CONFIRM WIDTH OF STAIRCASE PRIOR TO
FABRICATION OF STAIRCASE.

ADDITIONAL STEPS TO BE GENERALLY 178MM
RISE AND 200MM GOING TO MATCH EXISTING

40MM DIA HANDRAIL TO BE POSITIONED AT
900MM ABOVE LINE OF SLOPE WITH BALUSTERS
AT 100MM CENTRES

MINIMUM 2000MM CLEAR HEADROOM TO BE MAINTAINED UNDER NEW STAIRCASE THROUGHOUT

NEW SEPARATING FLOOR CONSTRUCTION TO BE
18MM T&G CABER FLOORING OVER 47X200MM
C24 GRADE JOISTS HUNG FROM PROPOSED
STEEL AT 400MM CENTRES WITH HERRINGBONE
STRUTTING AT MID SPAN AND TIED INTO THE
EXISTING EXTERNAL WALL STRUCTURE, WITH
100MM ISOVER APR 1200 ACOUSTIC INSULATION
BETWEEN THE JOISTS, PLASTERBOARD AND SKIM
FINISH TO CEILING BELOW

NEW STUD PARTITIONS TO BE INSTALLED TO IN
50X100MM TIMBER STUDS FIXED TO FLOOR AND
HEADER PLATE WITH 100MM ISOVER APR 1200
BETWEEN
EXISTING WINDOW OPENINGS TO BE BLOCKED UP
IN CONSTRUCTION TO MATCH EXISTING EXTERNAL
WALL

ALL NEW DRAINAGE TO BE HEPWORTH
PLASTIDRAIN (OR EQUIVALENT) PVC-U LAID TO
FALL OF MIN 1:40. ALL DRAINAGE TO BE
BEDDED ON AND SURROUNDED IN 100MM PEA
SHINGLE.

NEW RWP TO DISCHARGE TO NEW SOAKAWAY
MINIMUM 1M3 AND LOCATED AT LEAST 5M AWAY
FROM THE BUILDING.

ANY DRAINAGE THAT PASSES THROUGH CAVITY
WALLS TO BE SLEEVED AND PROPRIETARY
CONCRETE LINTOLS FITTED TO EACH LEAF OF
THE CAVITY WALL. REFER TO SKETCH DETAIL
PROVIDED

ANY EXISTING DRAINS THAT WILL BE UNDER THE REAR EXTENSION TO BE EXPOSED TO ASCERTAIN ITS CONDITION. IF FOUND TO BE DEFECTIVE THE SECTION WILL BE REPLACED.

DRAINAGE DETAILS (INCLUDING SURFACE WATER
) TO BE AGREED ON SITE WITH THE BUILDING
CONTROL SURVEYOR WHEN EXISTING LINES ARE
EXPOSED

SUITABILITY OF EXISTING HEATING SYSTEM TO BE
CONFIRMED BY HEATING ENGINEER. SHOULD IT
BE REQUIRED - EXISTING SYSTEM TO BE
MODIFIED TO COVER THE EXTENSION. RADIATOR
SIZES TO BE SIZED BY HEATING ENGINEER AND
ALL FITTED WITH TRVS. ALL PIPES INSULATED IN
ACCORDANCE WITH APPROVED DOCUMENT L.
RADIATOR LOCATIONS TO BE AGREED WITH
CUSTOMER PRIOR TO WORKS COMMENCING.

ELECTRICAL INSTALLATIONS BS7671:2008 AS
AMENDED OR AN EQUIVALENT STANDARD, THE
ELECTRICAL INSTALLATIONS SHOULD BE
DESIGNED, INSTALLED, INSPECTED AND TESTED
BY A PERSON COMPETENT TO DO SO. ALL
WORKS TO COMPLY WITH PART P OF THE
BUILDING REGULATIONS AND WITH ANY OTHER
RELEVANT PART OF THE BUILDING REGULATIONS.
ALL CERTIFICATION TO BE PROVIDED, BY A
PERSON COMPETENT TO DO SO, WILL BE
REQUIRED UPON COMPLETION.

75% OF LOW ENERGY LIGHT FITTINGS WITH AN EFFICACY EXCEEDING 45 LUMENS PER CIRCUIT WATT TO BE FITTED IN THE NEW WORKS.

PARTY WALL ACT 1996 -AS THE BUILDING
WORKS WILL BE WITHIN 3 METRES FROM THE
BOUNDARY, TWO MONTHS NOTICE IN WRITING TO
BE GIVEN TO THE ADJOINING OWNERS /
OCCUPIERS AND WRITTEN CONFIRMATION TO BE
RECEIVED PRIOR TO THE COMMENCEMENT OF
THE WORKS ON SITE.

site: 14A KNOX ROAD, HAVANT PO9 1NP			
drawing title: PROPOSED SECTION			
DATE:	08/18	DRAWING NUMBER:	REVISION:
SCALE:	150 @ A3	KNO_02	C
DRAWN:	GG		
BUILDING REGULATIONS			