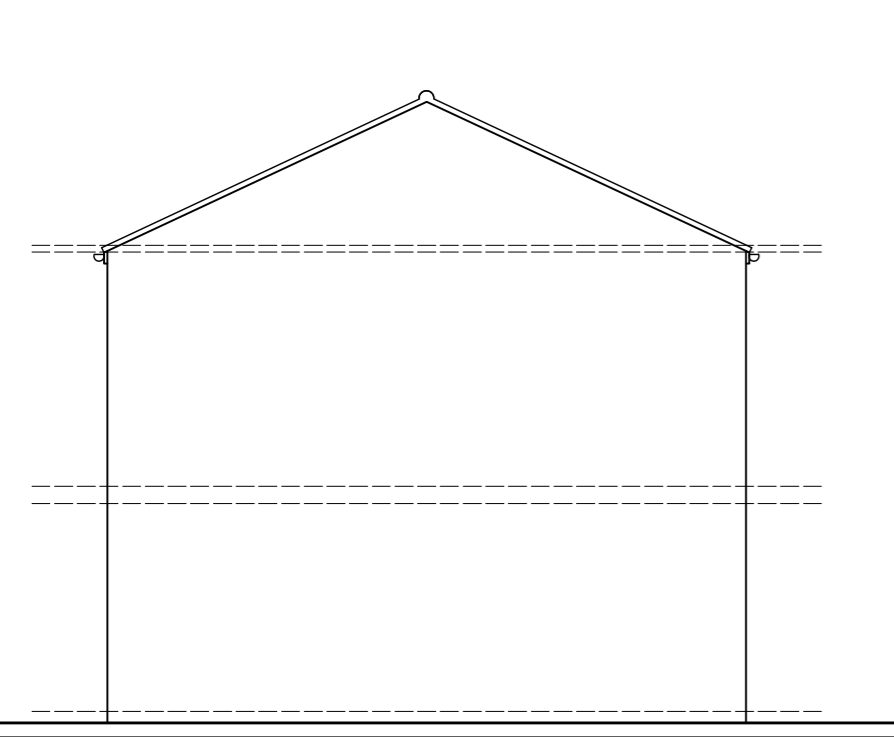
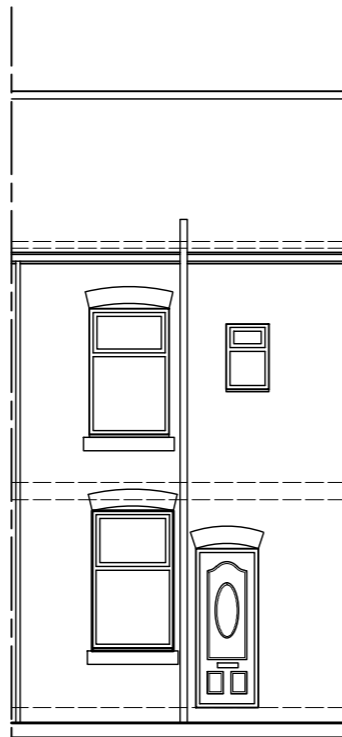


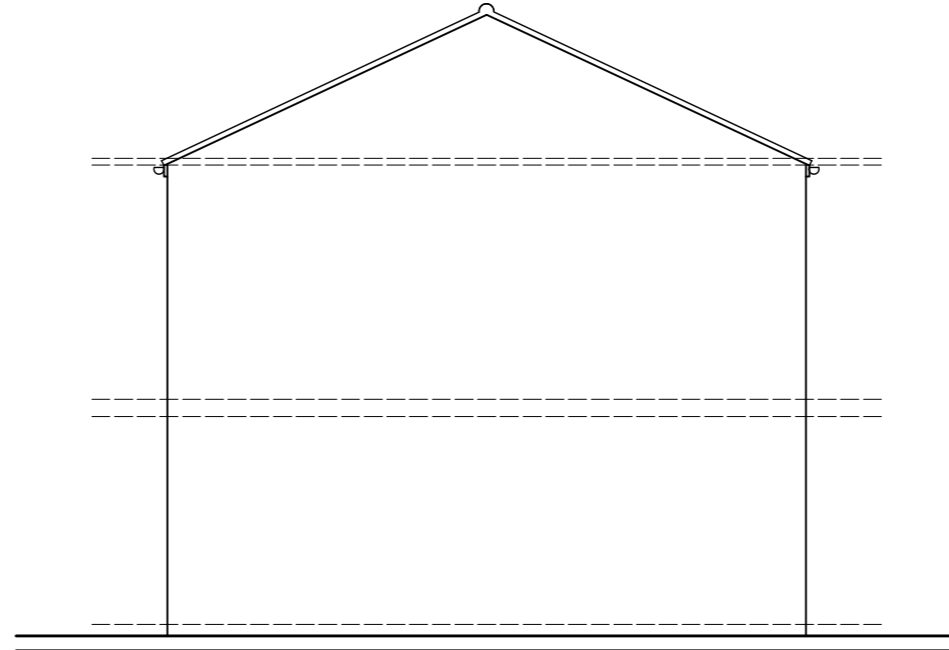
PROPOSED SIDE ELEVATION
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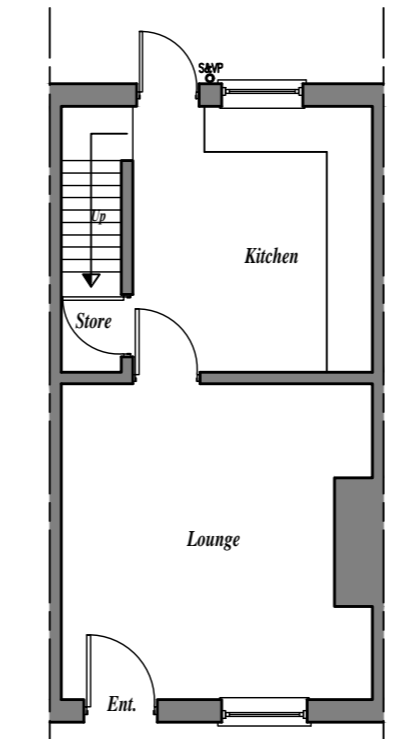
EXISTING SIDE ELEVATION
scale 1:100



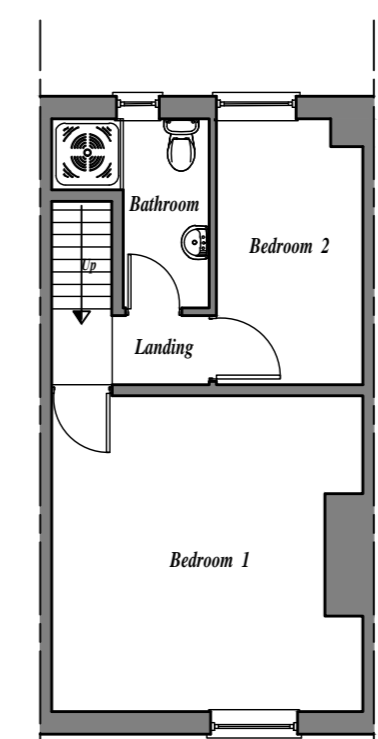
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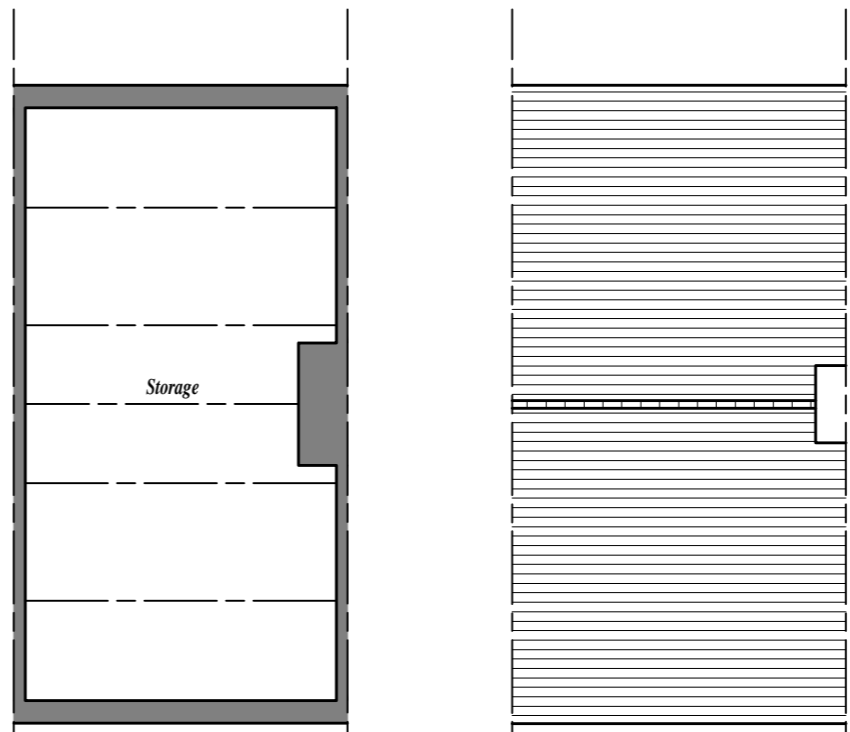
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EXISTING GF PLAN
scale 1:100

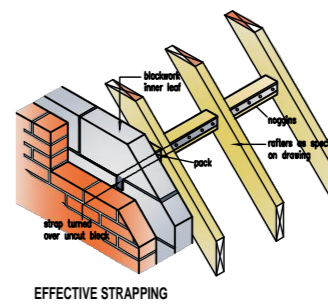


EXISTING 1F PLAN
scale 1:100

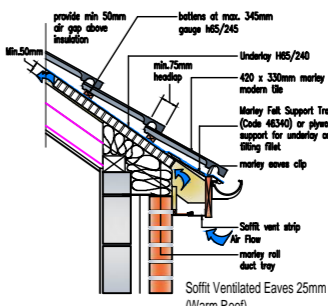


EXISTING LOFT PLAN
scale 1:100

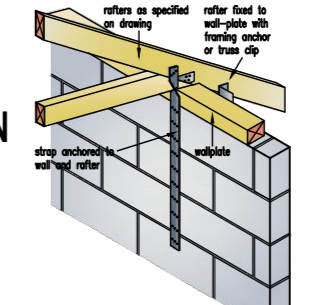
EXISTING ROOF PLAN
scale 1:100



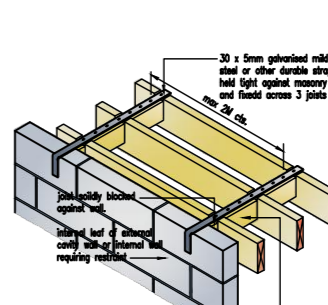
EFFECTIVE STRAPPING AT GABLE WALL



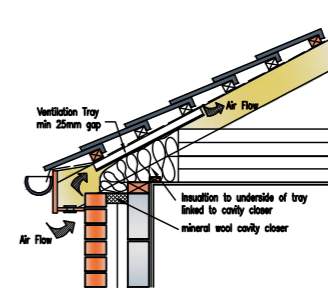
EAVES DETAIL - SLOPING CEILING



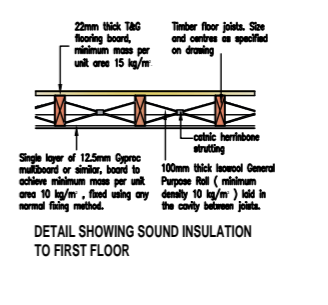
VERTICAL STRAPPING AT EAVES OF PITCHED ROOFS



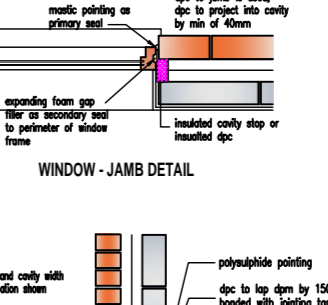
LATERAL SUPPORT DETAIL TO FLOOR



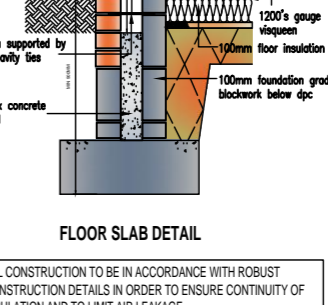
EAVES DETAIL



DETAIL SHOWING SOUND INSULATION TO FIRST FLOOR



WINDOW - JAMB DETAIL



FLOOR SLAB DETAIL

ROBUST CONSTRUCTION DETAILS

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ROBUST CONSTRUCTION DETAILS IN ORDER TO ENSURE CONTINUITY OF INSULATION AND TO LIMIT AIR LEAKAGE

Reference should be made to the revised BS 5250 and BR 262 Thermal insulation: avoiding risks.

- GENERAL NOTES**
- FOUNDATIONS 225mm min thickness, strip foundations to project 150mm min either side of support wall. Provide 700mm min cover to foundations. Foundations to be 100mm to bottom of strip footing and taken down to level below invert of any drains passing under or immediately adjacent to the building. Although strip foundations have been shown on the drawings there may not be appropriate and an alternative purpose only. Foundations to suit conditions to the satisfaction of the Local Authority once they have been dug. Alternative Foundations to be designed by Structural Engineer. Concrete mixes to be in accordance with BS 8500 - 1.
 - There shall not be:
 - a non-engineered fill (as described in BRE Digest 427) or wide variation in ground conditions within the loaded area, nor
 - a weaker or more compressible ground at such a depth below the foundation as could impair the stability of the structure.
 - Where new foundations arise in vicinity of old foundations, existing should be fully grabbed up and new foundations laid at least the same depth.
 - All exposed timbers to be treated with a suitable preservative to BS 1291S.
 - All new cavities to be closed with 5mm sapwood, all new cavities to be lined with roofing.
 - All new drains to be Hepworth supervised and to be bedded and surrounded in min. 150mm pea gravel. 100mm diameter drains to fall 1 in 40. 150mm diameter drains to fall 1 in 60. New drains to be encased in min. 150mm concrete where they pass under new buildings. All existing drains found not to be in use to be capped and sealed in concrete. 150mm pre-cast concrete linings inserted where new drains pass through external walls. Soil and vent pipes to be 100mm U.P.C. 40mm diameter U.V. waste pipes to showers, sinks and baths with 40mm diameter to basins. S.P. to be taken up to a ridge terminal or vent the outlet or otherwise as noted on the plans. Provide rodding eye or removable traps to give access to all runs of the soil system. All traps are to be 75mm deep sealed anti-vac traps. All the plumbing installations are to comply with BS 6742. All bores for concealed service pipes should be sealed into hollow constructions or voids. Refer to the D diagram of the Approved Document L1, Drainage layout and 4.7.75 mm diameter P.V.C. rainwater pipes.
 - Insulated D.p.c.'s installed to the head, jambs and sills of new external openings or removable doors.
 - All finished surfaces to be made good.
 - All new rain water pipes to trapped gully.
 - 75 x 150mm wallplate to strapped to wall at 2m centres with 38 x 6mm mild steel straps.
 - Downing lights to be min 1200mm total floor plan area.
 - All glazing to critical zones to be toughened or laminated to BS 6206. e.g. glass to doors within 1500mm of finished floor level and within 300mm of either side of doors and where greater than 250mm min. 0.5mpg in doors, and to corners' windows within 800mm of finished floor level.
 - Steelwork as noted on plan to comply with BS444, BS5950 & to be encased in 2 layers of 12.5mm plasterboard with night loads and 3mm plaster coat to give 1/2 hour fire resistance. Linels to have minimum 150mm end bearings and each end or as specified by Structural Engineer or steel manufacturer. Cavity stay to be fitted to linels within external wall with stop ends and wedges at each end and @ 900mm cts. Loadbearing internal walls to be 100mm concrete blockwork.
 - D.p.c.'s outer leaf to be min 150mm above ground level and at slab-floor level to inner leaf.
 - Facing brickwork/stonework to extend min 2 courses below ground level.
 - New concrete linings over new openings to BS977 Part 2 1986 (150mm or 225mm deep where shown).
 - Stainless steel wall ties to be spaced at 750mm centres horizontally staggered and 400mm centres vertically. Wall ties to comply with BS 1241:1978 to have proprietary (type) retaining clips to secure the insulation to the inner leaf. Joints to be built solid by returning the blockwork onto 150mm wide vertical D.P.C. Provide additional wall tie at 225mm vertical centres around door/window openings and to movement joints. Cavities be closed at eaves level to comply with Building Regulations.
 - Roofing and tiles to be installed to be within the following limits: notches - no deeper than 0.125 times depth of joint and not cut deeper than 0.107 of the span, nor further away than 0.25 times the span. Holes - should be no greater diameter than 0.25 times the depth of joint should be drilled at the neutral axis, and should be not less than 3 diameters (centre to centre) apart, and be located between 0.25 and 0.4 times span from the support. No notches or holes to be cut in roof rafters, other than supports where the rafter may be braced to a depth not exceeding 0.33 the rafter depth.
 - All pipework incorporated in the water/heating system, that is situated in an unheated space is to be surrounded in 40mm of insulating material (see construction 124040404).
 - All masonry work to comply with BS 5628, P3.
 - Concrete blocks to BS 1077. Manufacture to comply with BS 6457.
 - Mortar: Selection of mortar used below dpc to be in accordance with BS5628 Part 3.
 - Lightweight-cement to be used where recommended by brick manufacturer and where sulphates are present in the ground.
 - DPM below slab to BS 6915 when the membrane is located below the slab a drainage layer of sand should be provided. The continuity of the membrane as follows:
 - laps of polyethylene should be 300mm and joints sealed, where necessary membranes beneath slab should link with wall dpc's
 - STAIRCASE Equal risers (Max rise 220mm) Equal treads (Min going 220mm Min G.O. tread 120mm tread of 50mm. 2000mm headroom stair measured along pitch line. Max pitch of stair 42 degrees. Handrail between 900mm and 1000mm above pitch line. No gap in balustrading to allow the passage of 100 diameter sphere.
 - Floor blocks to be installed into level leaf of external wall in locations shown on plans. Five tier with max. 45 degree (30 degree preferred), offset at base, bedded in cement mortar grout to comply with BS 1181:1971. All floor and roof linings will be trimmed 40mm clear from the outer face of chimneys and flues.
 - Chases.
 - Vertical chases should not be deeper than 1/3 of the wall thickness, or in cavity walls, 1/3 of the thickness of the leaf. Horizontal chases should not be deeper than 1/8 of the thickness of the leaf of the wall. Chases should not be so positioned as to impair the stability of the wall, particularly where hollow blocks are used.
 - All workmanship and materials to comply with Building Regulations, British Standards, Codes of Practice requirements. All materials to be fixed, applied or mixed in accordance with manufacturers instructions or specifications. All materials shall be suitable for their purpose. The contractor shall take into account everything necessary for the proper execution of the works, to the satisfaction of the "inspector" whether or not indicated on the drawings. Sample of external materials to be submitted to Local Authority for approval.
 - The Builder is entirely responsible for all temporary works and for maintaining stability of the new and existing structures during work.
 - Contractor to visit site prior to commencement of work and check all dimensions and families (inset) with the site conditions. The drawing must then be checked and verified by the contractor prior to work commencing on site. No Encroachment by the building over the neighbouring boundary line. Client to obtain written permission from relevant bodies for any encroachment whatsoever if unavoidable.
 - Trade Ventilation.
 - Replacement windows, background ventilators to be provided as follows:
 - Habitable rooms - 5000mm² equivalent area
 - Kitchen, Utility room and bathroom - 2500mm² equivalent area
 - Additional of a habitable Room (not including a conservatory) in an existing building.
 - Background ventilators to be provided to new windows as follows:
 - If the Additional room is connected to an existing room that has no window openings to external air, the room can be ventilated through another room or conservatory if background ventilation is provided with ventilators - 8000mm² equivalent area to opening between rooms and to new windows, and Purgage ventilation is provided comprising of 1 or more openings with min total floor area as follows:
 - Windows - hinged or pivot window that opens 30° or more, or the Height x width of the opening should be at least 1/10 of the room floor area.
 - For a hinged or pivot window that opens less than 30° opening part should be at least 1/4th of the room floor area.
 - External doors the Height x width of opening part should be at least 1/10 of the room floor area.
 - If the room contains a combination of at least 1 external door and at least 1 external window, the opening parts may be added to achieve at least 1/10 of the room floor area.
 - Note: Background ventilation should be located at least 1700mm above floor level and need not be within the door frame.
 - Openings between habitable rooms and conservatories must be closable.

What does the Part 2 Act say if I want to build up against or astride the boundary line?

If you plan to build a party wall or party fence wall outside the boundary line, you must inform the Adjoining Owner by serving a notice. You must also inform the Adjoining Owner by serving a notice if you plan to build a wall wholly on your own land but up against the boundary line.

The Act contains no enforcement procedures for failure to serve a notice. However, if you start work without having first given notice to the other party, Adjoining Owners may seek to stop your work through a court injunction or seek other legal redress.

How long a notice do I have to serve the notice?

At least one month before the planned starting date for building the wall. The notice is only valid for a year, so do not serve it too long before you wish to start.

What happens after I serve notice about building astride the boundary line?

If the Adjoining Owner agrees within 14 days to the building of a new building or structure within 3 metres of a neighbouring owner's building or structure, the work (as agreed) may go ahead. The expense of building the wall may be shared between the owners where the benefits and use of that wall will be shared. The agreement must be in writing and should record details of the location of the wall, the allocation of costs and any other agreed conditions.

If the Adjoining Owner does not agree to building within 14 days, to the proposed new wall outside the boundary line, you must build the wall wholly on your own land, and wholly at your own expense. However, you have a right to place necessary footings for the new wall under your neighbour's land, subject to compensating for any damage caused by building the wall or by the foundations. There is no right to place reinforced concrete under your neighbour's land without their express written consent.

You may start work one month after your notice was served. What does the Act say if I want to excavate under neighbouring buildings?

If you plan to excavate, or excavate and construct foundations for a new building or structure, within 3 metres of a neighbouring owner's building or structure, where that work will go deeper than the neighbour's foundations, or excavate, or excavate for and construct foundations for a new building or structure, within 6 metres of a neighbouring owner's building or structure, where that work will cut a the drain downwards of 45mm from the bottom of the neighbour's foundations, you must inform the Adjoining Owner or owners by serving a notice. 'Adjoining Owners' may include your next-but-one neighbour if they have foundations within 6 metres. The notice must state whether you propose to strengthen or support the foundations of the building or structure belonging to the Adjoining Owner. Plans and sections showing the location and depth of the proposed excavation or foundations and the location of any proposed building must also accompany the notice.

The Act contains no enforcement procedures for failure to serve a notice. However, if you start work without having first given notice to the other party, Adjoining Owners may seek to stop your work through a court injunction or seek other legal redress.

Can I occupy the Part 2 Act site?

NOTE: THE CLIENT IS ADVISED TO READ THE PARTY WALL ACT 1996 FULLY FOR EXAMPLES OF NOTICES SERVED AND FOR FURTHER INFORMATION WITH REGARDS TO THE ABOVE.

Approved Document P (Electrical Safety)

All Electrical Work to which the Requirements of Part P (Electrical Safety) apply will be designed, installed, inspected and tested by a person competent to do so. Prior to completion of works the Local Authority must be satisfied that either: An Electrical Installation Certificate issued under a 'Competent Persons' scheme has been issued or Appropriate certificates and forms defined in BS 7671 (as amended) have been submitted that confirm that the work has been inspected and tested by a 'competent person'. A 'competent person' will have a sound knowledge and suitable experience relevant to the nature of the work undertaken and to the technical standards set out in BS 7671, be fully versed in the inspection and testing procedures contained in the regulations and employ adequate testing equipment.

NOTE: THE ELECTRICAL LAYOUT SHOWN IS FOR BUILDING REGULATIONS SUBMISSION ONLY.

THE BUILDING INSPECTOR MUST BE INFORMED OF ANY CHANGES TO THE LAYOUT PRIOR TO WORKS COMMENCING AND WORKS TO BE CARRIED OUT BY A COMPETENT PERSON AS DESCRIBED ABOVE.

CONTRACTOR TO AGREE POSITION OF ELECTRICAL ITEMS AND SEPARATORS WITH CLIENT PRIOR TO WORK COMMENCING.

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Dwg Title: PLANNING PROPOSED & EXISTING PLANS & ELEVATIONS
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