

Any flue outlet should be located minimum 300mm from openings and 600mm from boundaries.

All dimensions and levels on site to be checked before work commences.

LEAD WORK AND FLASHINGS All lead flashings, any valleys or soakers to be Code 5 lead and laid according to Lead Development Association. Flashings to be provided to all jambs and below window openings with welded upstands. Joints to be lapped min 150mm and lead to be dressed 200mm under tiles, etc. All work to be undertaken in accordance with the Lead Development Association recommendations.

THERMAL BRIDGING

Care shall be taken to limit the occurrence of thermal bridging in the insulation layers caused by gaps within the thermal element, (i.e. around windows and door openings). Reasonable provision shall also be made to ensure the extension is constructed to minimise unwanted air leakage through the new building fabric

NOTES This drawing is to be read in conjunction with all other relevant project drawings, schedules and notes and is applicable whether specifically referred to or not. The contractor is responsible for checking all dimensions on site prior to commencement of the works with any errors being reported to AGF Plans as soon as possible. Any construction work carried out prior to receiving all necessary approval for planning and or building regulations is entirely at the householders/clients risk. All building work to be completed to the satisfaction of the Local Authority Building Control Officer in accordance with the current Building Regulations and as such additional unforeseen building works may be required on site. The contractor shall inspect all adjoining properties which may be affected by the works prior to commencement of works and record and report to the owner any defects. The contractor shall be entirely responsible for the security, strength and stability of the building during the course of the works. Drawings produced for the purpose of Building Regulation approvals only and do not constitute full working drawings. All drawings copyright AGF Plans. This drawing may not be copied by any third parties without prior permission from AGF PLANS

HEATING

Extend all heating and hot water services from existing and provide new TVRs to radiators. Heating system to be designed, installed, tested and fully certified by a GAS SAFE registered specialist. All work to be in accordance with the Local Water Authorities bye laws, the Gas Safety (Installation and Use) Regulations 1998 and IEE Regulations

ELECTRICAL

All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a competent person registered under a competent person self certification scheme such as BRE certification Ltd, BSI, NICEIC Certification Services or Zurich Ltd. An appropriate BS7671 Electrical Installation Certificate is to be issued for the work by a person competent to do so. A copy of a certificate will be given to Building Control on completion

SMOKE DETECTION

Mains operated linked smoke alarm detection system to BS 5446 - 1:2000 and BS5839-6:2004 to at least a Grade D category LD3 standard and to be mains powered with battery back up. Smoke alarms should be sited so that there is a smoke alarm in the circulation space on all levels/ storeys and within 7.5m of the door to every habitable room. If ceiling mounted they should be 300mm from the walls and light fittings. Where the kitchen area is not separated from the stairway or circulation space by a door, there should be an interlinked heat detector in the kitchen.

INTERNAL LIGHTING

Install low energy light fittings that only take lamps having a luminous efficiency greater than 45 lumens per circuit watt and a total output greater than 400 lamp lumens. Not less than three energy efficient light fittings per four of all the light fittings in the main dwelling spaces to comply with Part L of the current Building Regulations and the Domestic Building Services Compliance Guide.

BACKGROUND VENTILATION

Controllable background ventilation at least 1700mm above floor level to be provided to habitable rooms and kitchens at a rate of min 10,000mm², and to wet rooms at a rate of min 5000mm², Background ventilators to be tested to BS EN 13141-1 Background ventilator equivalent area and operation to be measured and recorded

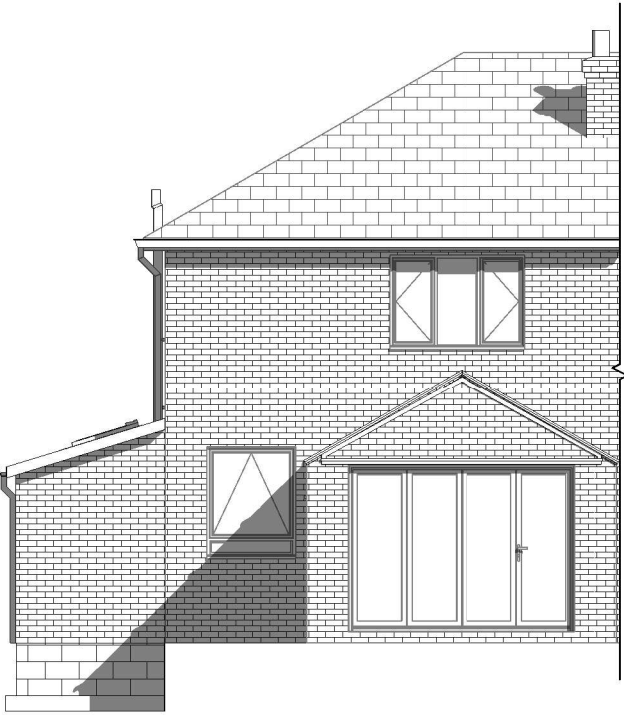
SOIL AND VENT PIPE

SVP to be extended up in 110mm dia UPVC and to terminate min 900mm above any openings within 3m. Provide a long radius bend at foot of SVP

ROOF LIGHTS - Approx 900 x 700 Min U-value of 1.6 W/m²K. Roof-lights to be double glazed with 16mm argon gap and soft low-E glass. Window Energy Rating to be Band C or better. Roof lights to be fitted in accordance with manufacturer's instructions with rafters doubled up to sides and suitable flashings etc

INTERNAL STUD PARTITIONS

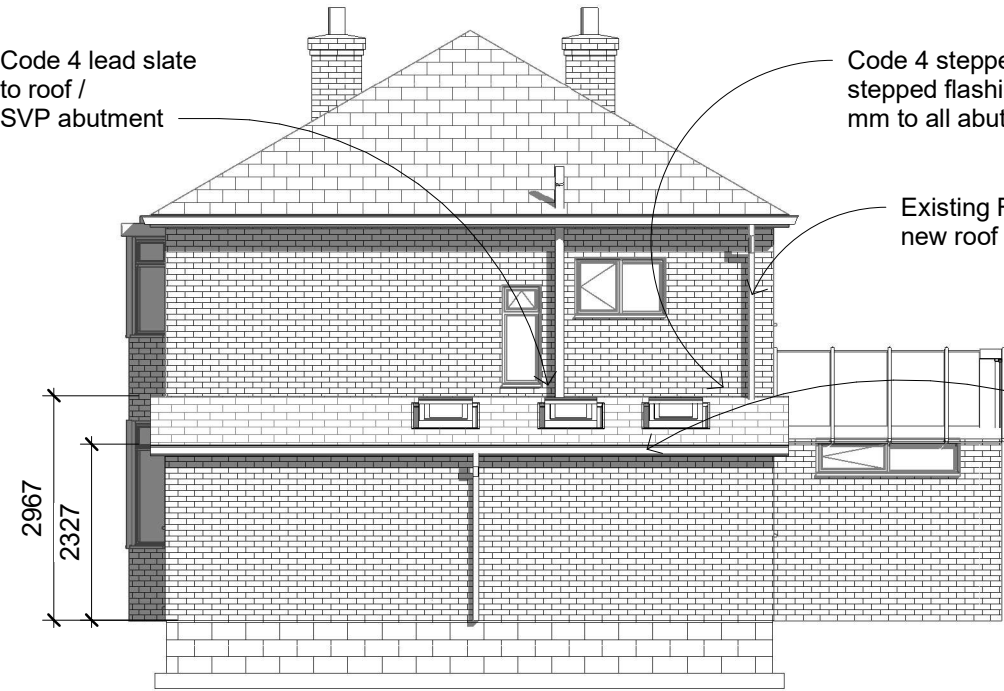
100mm x 50mm softwood treated timbers studs at 400mm ctrs with 50 x 100mm head and sole plates and solid intermediate horizontal noggins at 1/3 height or 450mm. Provide min 10kg/m³ density acoustic soundproof quilt tightly packed (eg. 100mm Rockwool or Isowool mineral fibre sound insulation) in all voids the full depth of the stud. Partitions built off doubled up joists where partitions run parallel or provide noggins where at right angles, or built off DPC on thickened concrete slab if solid ground floor. Walls faced throughout with 12.5mm plaster board with skim plaster finish. Taped and jointed complete with beads and stops



1 Rear
1 : 100



4 Front
1 : 100



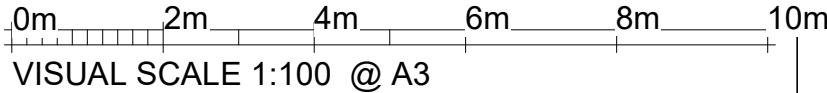
3 Gable
1 : 100

Code 4 lead slate to roof / SVP abutment

Code 4 stepped cavity tray and stepped flashing,min upstand 150 mm to all abutments.

Existing RWP ,to discharge onto new roof and into new gutter.

Provide new deepflow gutter and new RWP and connect into new roddable BITG



Planning
Building Control
Structural Calculations
Project Management

PROJECT
Proposed Single Extension To Side Of 2 Rangmore Ave,Manchester,M22 4JU.

SHEET
Proposed Elevations

CLIENT Mr And Mrs R Lawson			
Date 25/01/01/2023	Project number NDH/RL/1/23	Scale (@ A3) 1 : 100	
Drawn by Neil	DRAWING NUMBER 3 OF 5		REV
Checked by Checker			