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 (e.g. 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.

Floor above garage in addition to having 100mm fibreglass between the joists should be underdrawn with 75mm Kingspan or similar material to achieve a U value of 0.25 W/m2.K.to achieve 30 min fire resistance,

Beams over garage should be packed with insulation to avoid a 'cold spot/bridge'

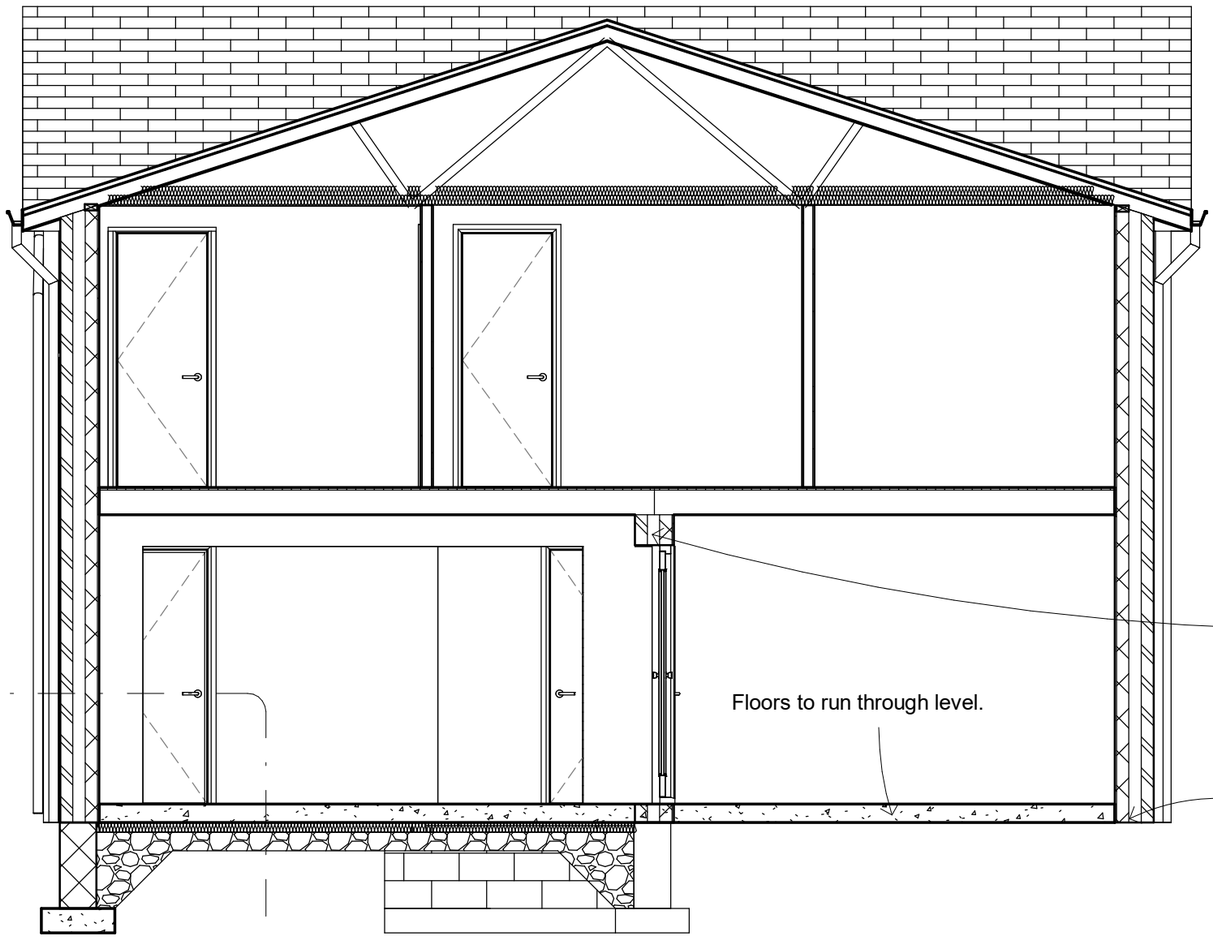
Wall between the Hall and garage to achieve a U-value of 0.28 (e.g. by dry lining with 55mm Celotex onto 100mm blockwork

Extract fan to utility room and WC to be light switch operated and have 15 Min over run.

EXTRACT TO UTILITY ROOM/BATHROOM/WC To utility room/Bathroom/WC provide mechanical ventilation ducted to external air capable of extracting at a rate of 30 litres per second. Internal doors should be provided with a 10mm gap below the door to aid air circulation. Ventilation provision in accordance with the Domestic Ventilation Compliance Guide. Intermittent extract fans to BS EN 13141-4. All fixed mechanical ventilation systems, where they can be tested and adjusted, shall be commissioned and a commissioning notice given to the Building Control Body.

MECHANICAL WORK Positions and specifications of radiators, routing of pipework ,Suitability of existing boiler and repositioning of flues etc to be fully agreed with client prior to work commenceing. All mechanical engineering work covered by AD Part L ,must be designed ,installed inspected and tested by a person competent to do so (e.g. Gas Safe Registered 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.

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



DOOR BETWEEN HOUSE AND GARAGE Door between garage and house to be FD30 self closing with a 100mm step down into garage, fitted with 3 steel hinges, intumescent strips and smoke seals. Construction between house and garage to be 30 minutes fire resisting

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

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.

Existing structure including foundations, beams, walls and lintels carrying new and altered loads are to be exposed and checked for adequacy prior to commencement of work and as required by the Building Control Officer.

1
1 of 7

1 Section 1

1 : 50

registered LABC Partner Authority Scheme

No.	Description	Date

AGF Plans & Architectural Services
AGF Plans and Architectural Services
121 Park Road,Westhoughton,Bolton
07980544857- agfplans@hotmail.co.uk

Planning
Building Control
Structural Calculations
Project Management

PROJECT
Proposed Double Extension To 13 Petrel Close,Rochdale ,OL11 5QT.

SHEET
Proposed Section AA

CLIENT
Mr F Azam

Date	Project number	Scale (@ A3)
06/10/2019	NDH/FA/1/19	1 : 50

Drawn by: Neil
Checked by: Checker
DRAWING NUMBER: 5 of 7
REV:

01/11/2019 17:23:56