

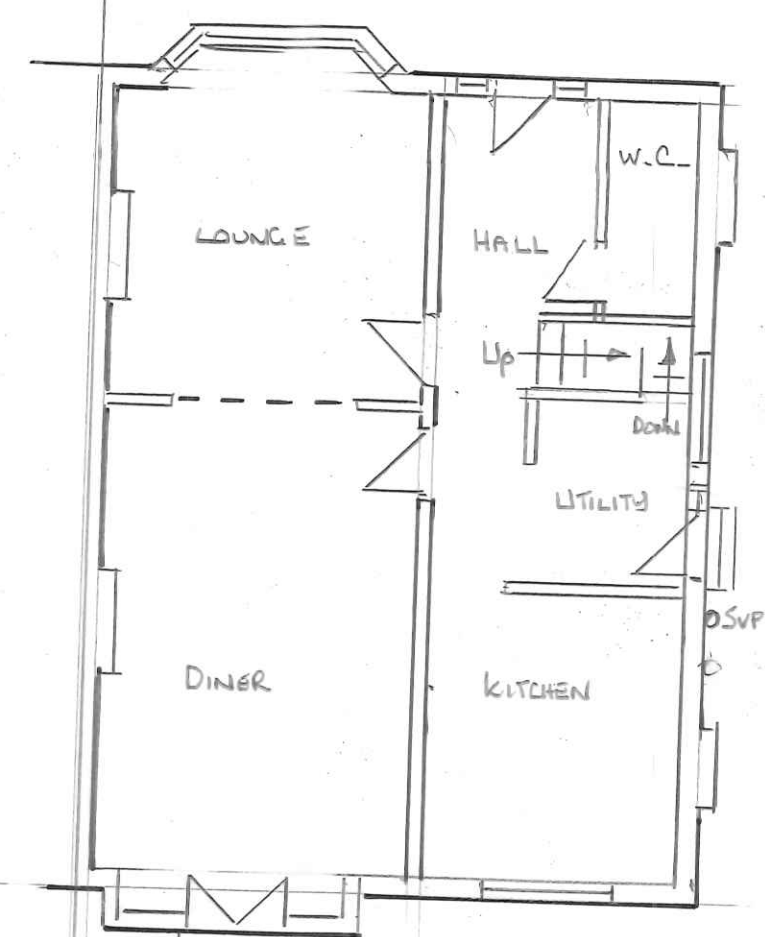


Existing Rear Elevation

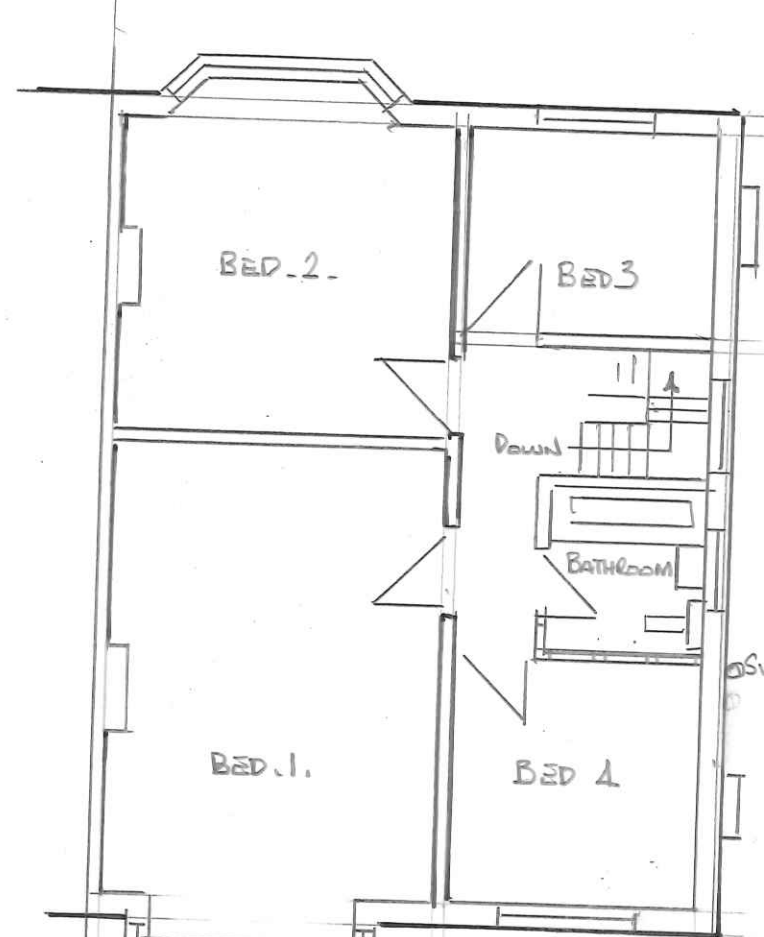
Existing Side Elevation

Window BED 6:
Install Pvc D/g W/F 2300 x 920mm
16mm argon filled toughened glass 1.6W/m2k
Min Cill height 800mm
Ofight allow min 450mm opening gap with min 0.33m2 escape access.

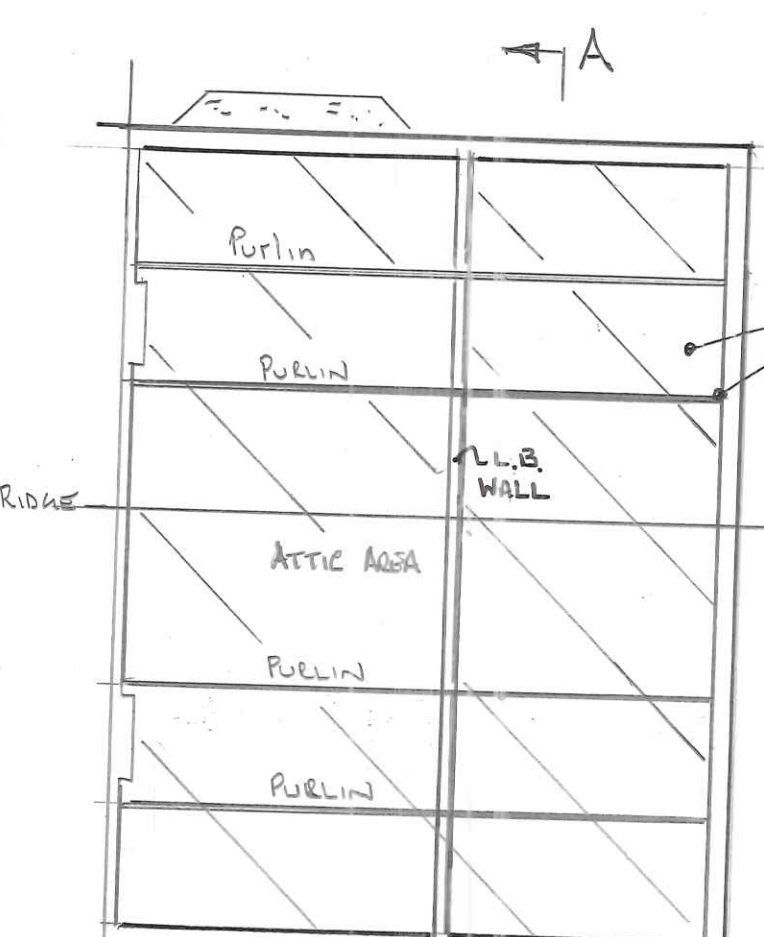
Window BED 5:
Install Pvc D/g W/F 2300 x 920mm
16mm argon filled toughened glass 1.6W/m2k
Min Cill height 800mm
Ofight allow min 450mm opening gap with min 0.33m2 escape access.



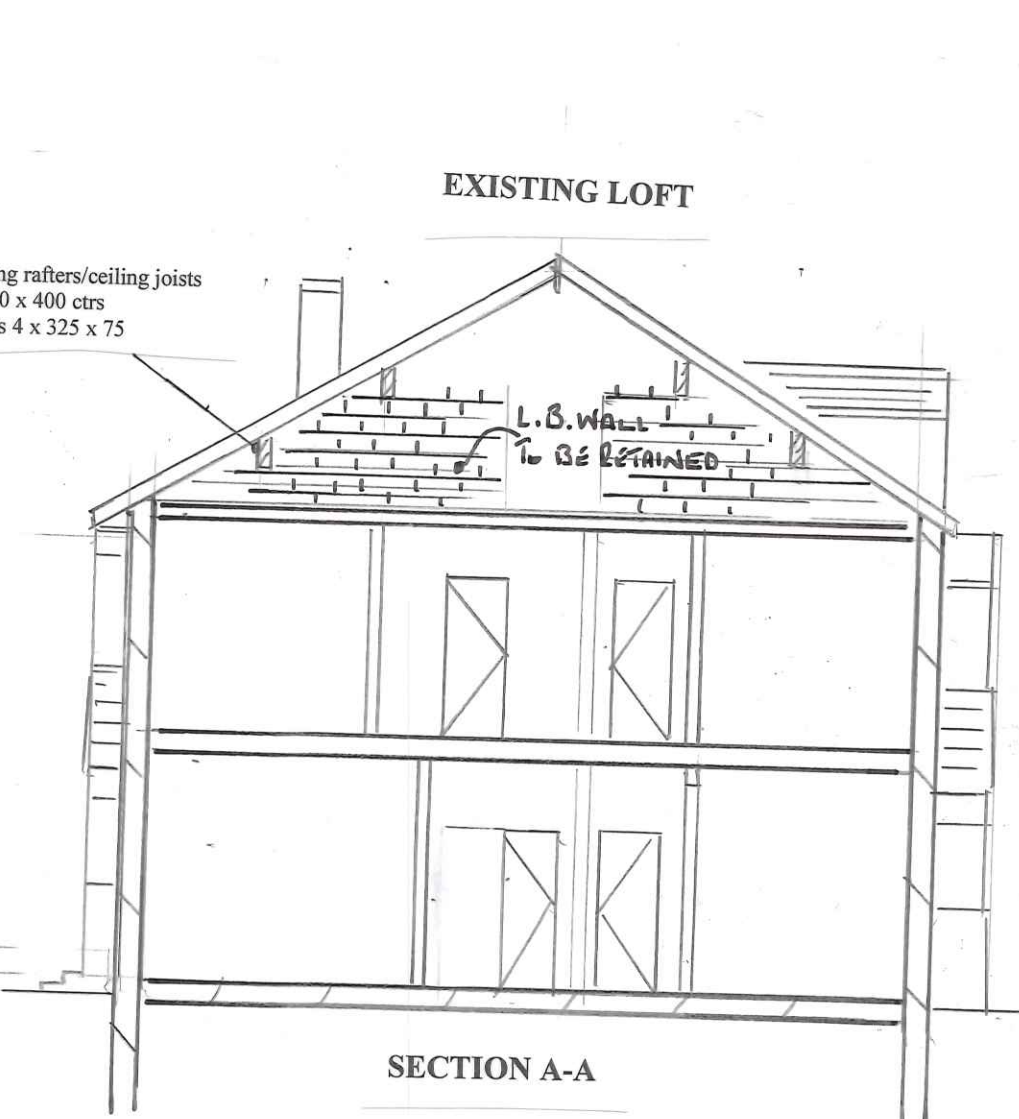
Existing Ground Floor



Existing 1st Floor



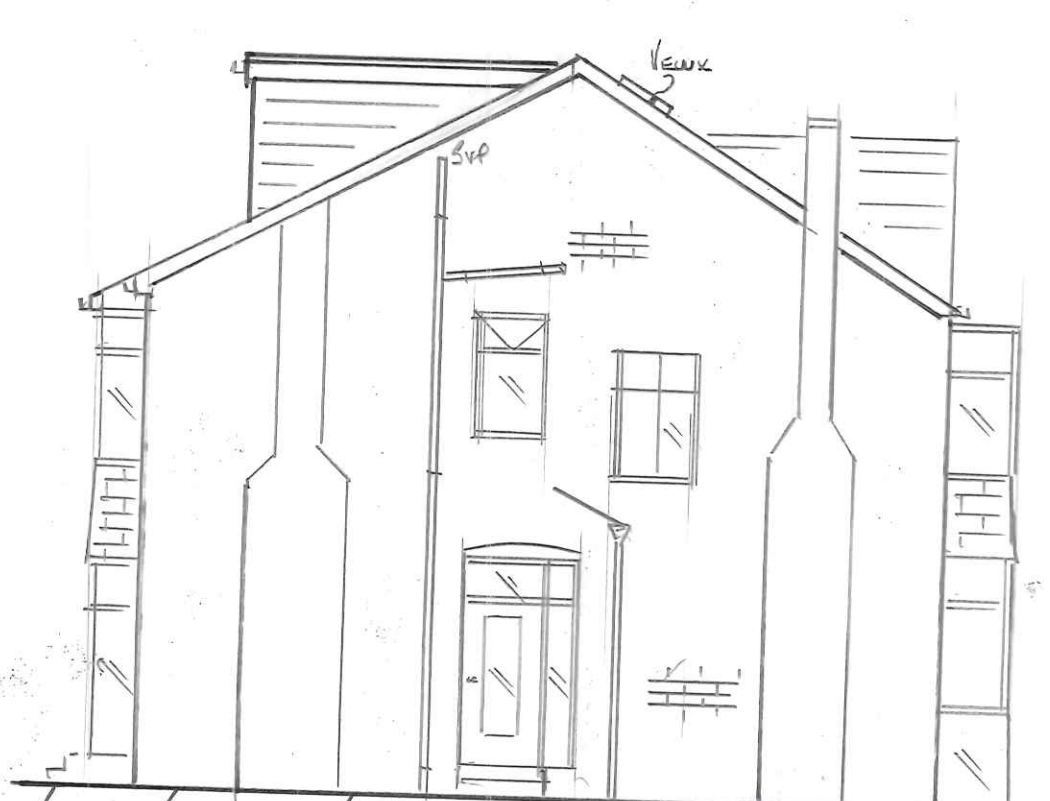
Existing Roof structure



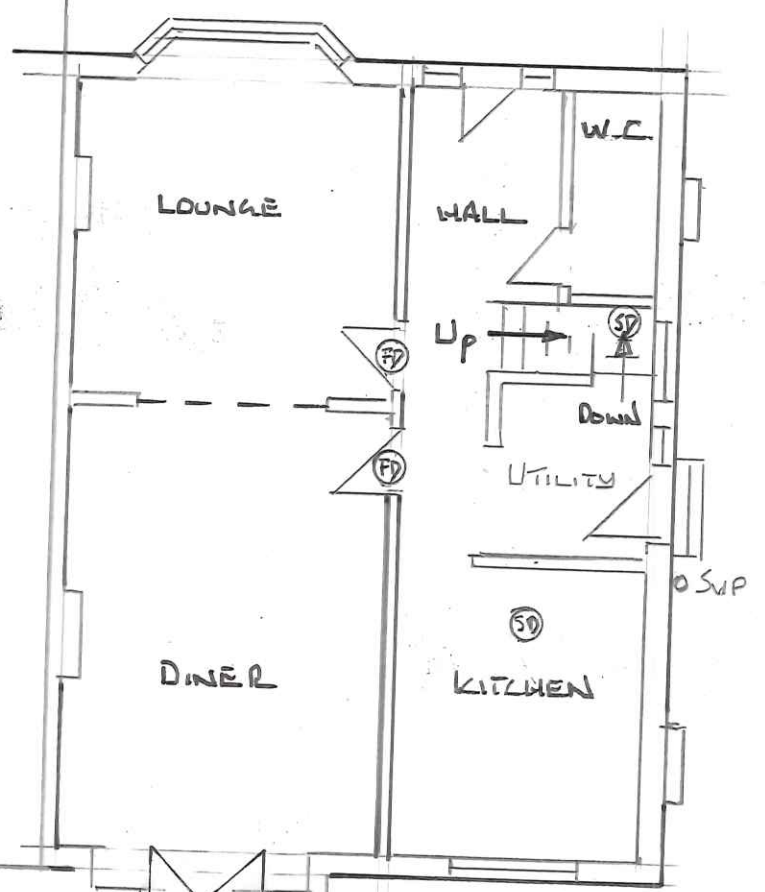
SECTION A-A



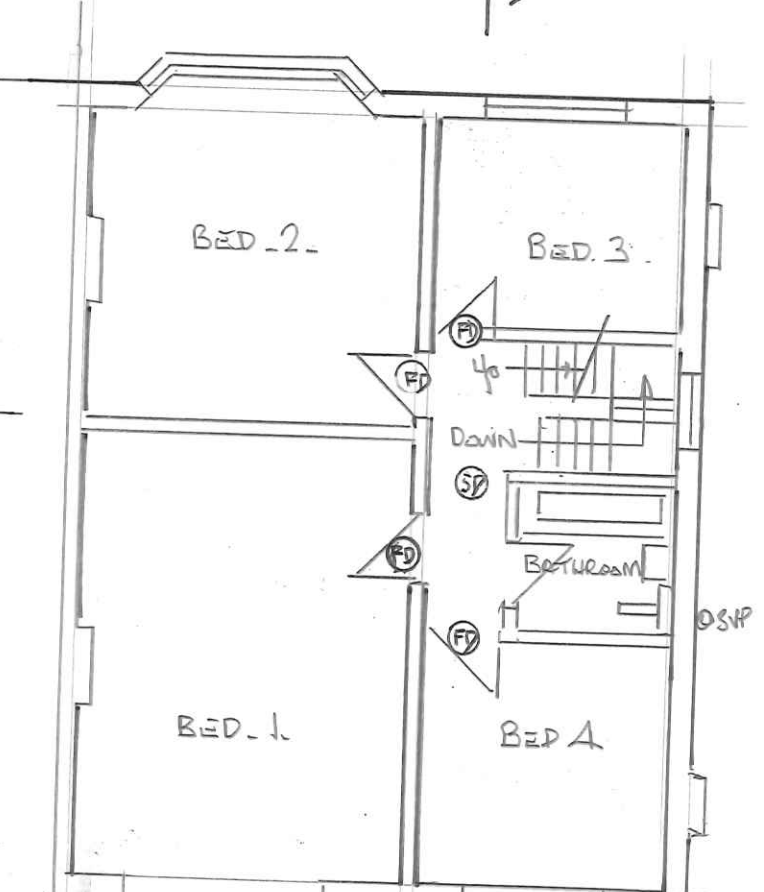
Proposed Rear Elevation



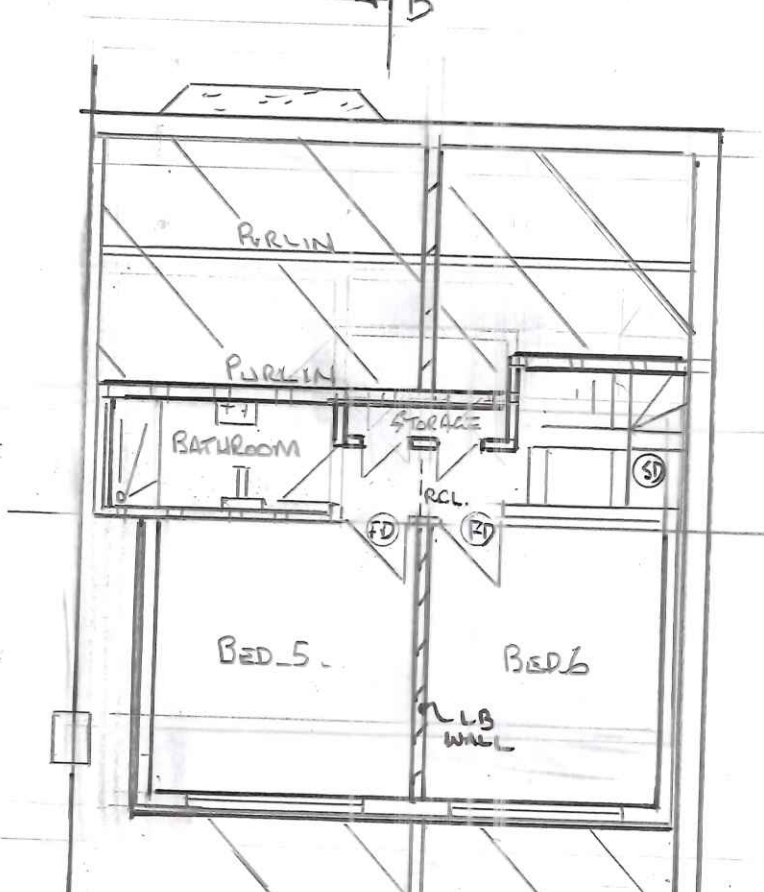
Proposed Side Elevation



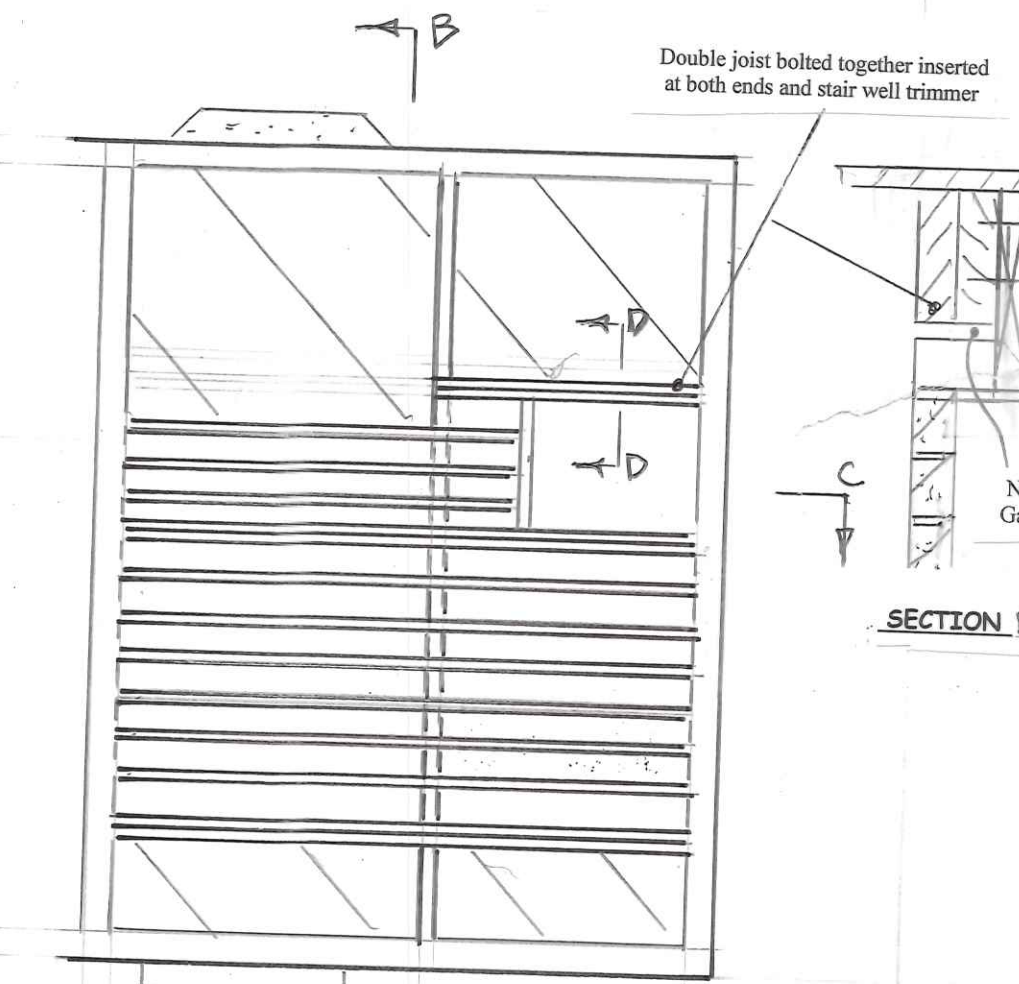
Proposed Ground Floor



Proposed 1st Floor



Proposed Dormer Plan



Proposed Floor Joist Plan

DORMER CONSTRUCTION NOTES

Roof: 0.18W/m2K
EPDM with heat resistant chippings onto 18mm exterior ply BSEN 300
Support onto 170 x 50 x 400 ctrs roof joists grade C16.
Span 3.5m onto joist hangers and repositioned timber purlin 325 x 75mm and new timber lintels over dormer frames 170 x 75mm
Insert spacing timbers to underside and Tyvek membrane with 100mm Kingspan insulation board between joist and 42mm K118 Kingspan insulation below rafters.
Install 25mm fascia board with 25mm air gap to roof vent.
Underdraw with 12mm P/bd.

External walls & cheeks
Matching vertical tiles onto 25 x 38 batons over Upvc weather boarding.
Tyvek sheet onto 12mm external grade plyboard. Secure onto stud walls 100 x 75mm @ 400 ctrs with 100mm Kingspan between timbers 12mm plyboard internal with 42mm K118 insulation finish.
Trimmer support posts 100 x 100 @ each window opening with 170 x 75 timber lintel over window spans.

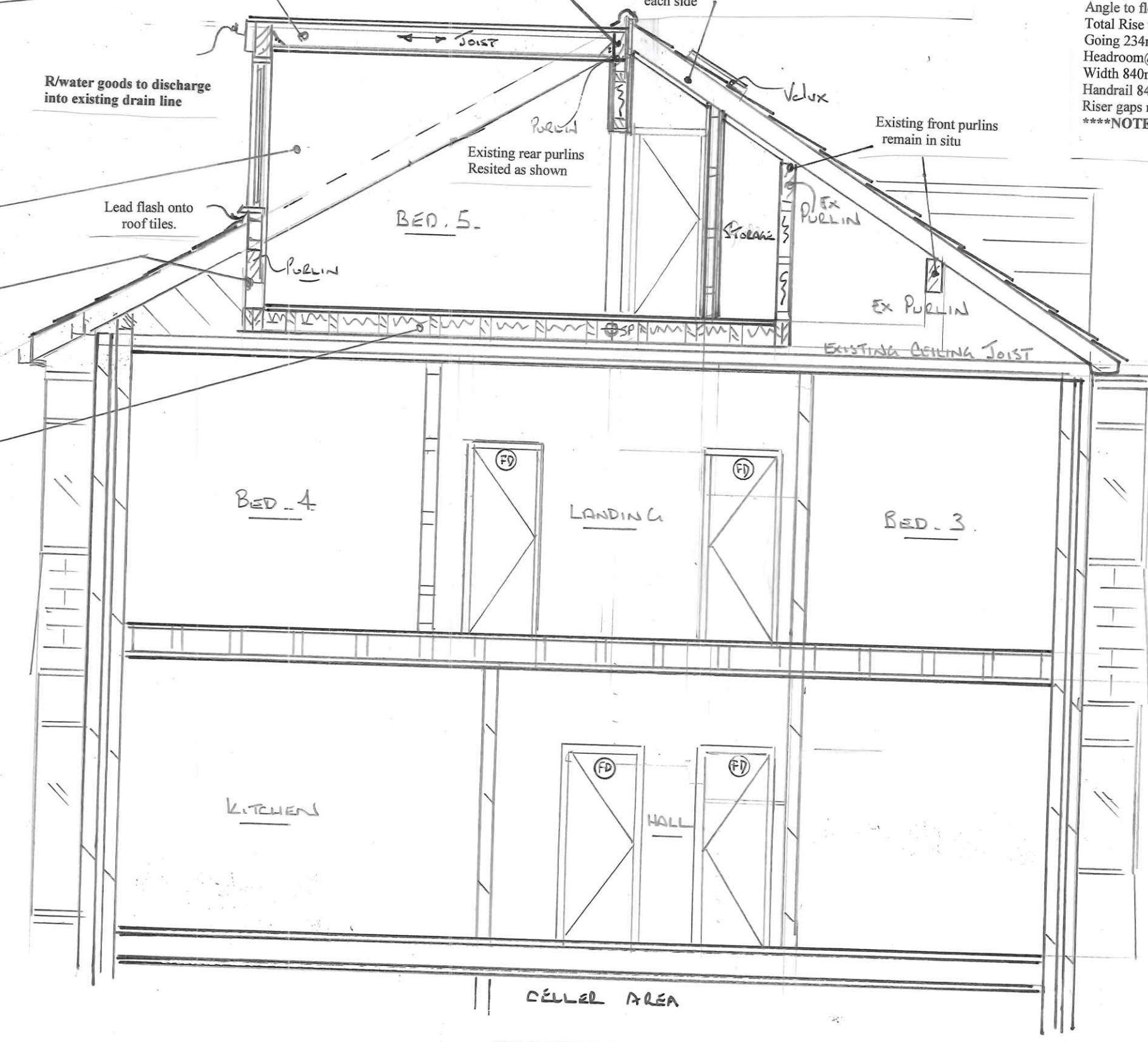
Internal Walls
100 x 75 timber stud wall @ 400 cts insert 100mm Kingspan insulation.

Floor:
9mm floor grade chipboard over floor joist Grade C16 200 x 50 x 400 ctrs to be inserted above existing ceiling joists onto load bearing brick wall. pan 4m onto party wall and 3.2m into gable wall.
Double joist bolted together inserted at both ends and stair well trimmer. Insert fire blanket and 100mm Kingspan between joists

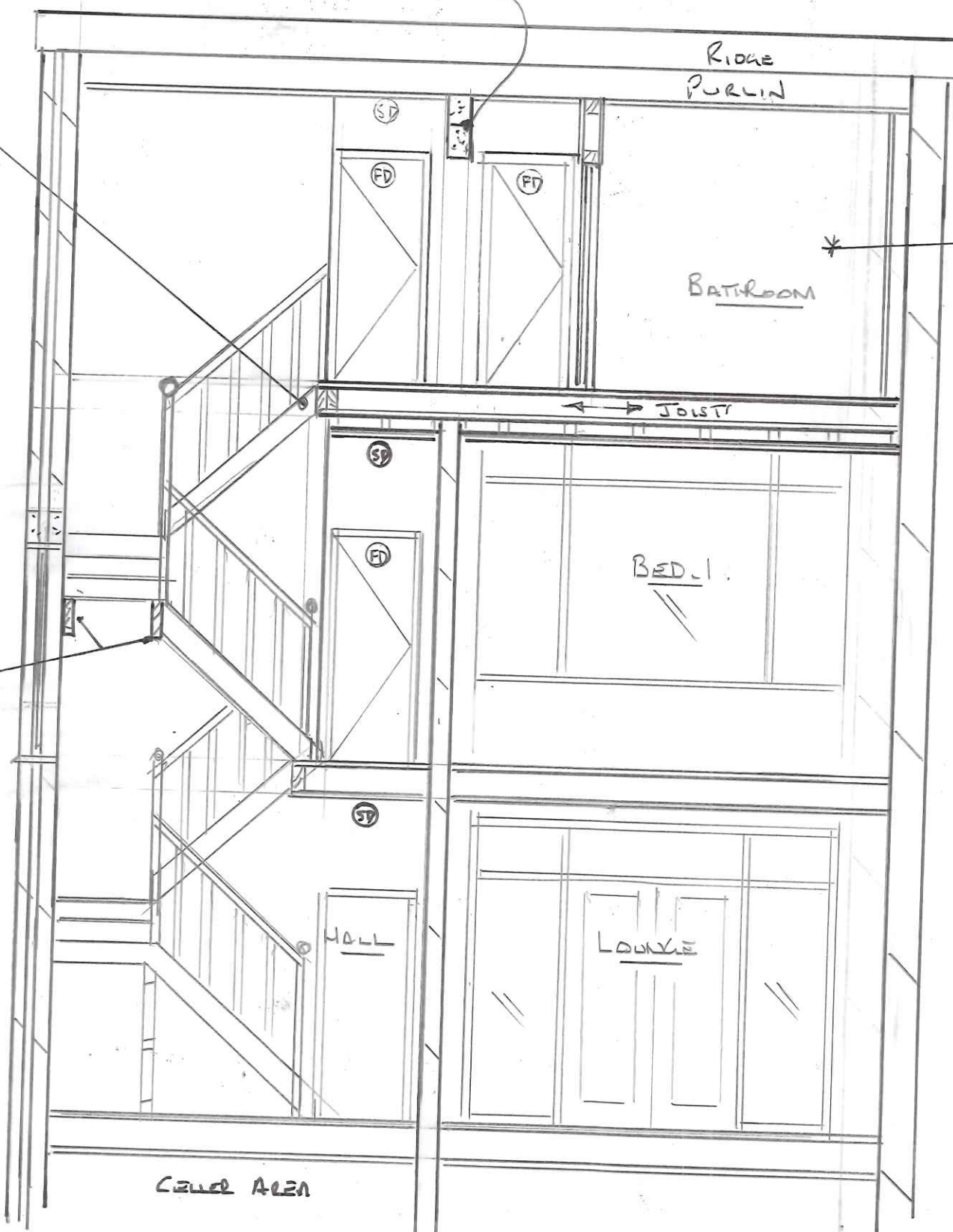
NOTE:
BEFORE RE-POSITIONING RIDGE PURLIN CHECK IT DOES NOT PROTRUDE INTO NEIGHBOURING ROOF SPACE AND IS NOT INTEGRAL TO THE NEIGHBOURING ROOF STRUCTURE.

APEX COLD ROOF INSULATION
Roof: 0.18W/m2K
Existing rafters/ceiling joists 75 x 50 x 400 ctrs
Batten out rafters with 75 x 50 timbers to underside and Tyvek membrane.
Insert 100mm Kingspan insulation board between rafters.
Insert 50mm insulation below rafters 50mm insulation below rafters with dry wall screw fix.
Underdraw 12mm P/bd
Ensure eaves ventilation to roof space
Install 25mm fascia board air gap.
Inserts Velux roof light with double trimmer joist each side.

Stairway:
Construct taper steps as shown with min 75 nosing onto stair flight.
Angle to floor 42 degrees.
Total Rise to new floor level 3200 = 16 x 200mm Rise*****
Going 234mm min with 20mm nosing
Headroom @ 2m @ perpendicular to stair tread.
Width 840mm
Handrail 840mm above pitch line.
Riser gaps max 100mm.
*****NOTE: The total height is subject to final Position of new floor joists.



SECTION B-B



SECTION C-C

Install 170 x 75 stair support trimmer Joists across stairwell and into L.B. walls each side

Bathroom: WC/WB/Shower.
WC discharge into 110mm Pvc Svp between new floor joists into existing SVP And air tight seal.
Min gradient 1-40
WB and shower to discharge via 75mm Dst into 40mm Pvc waste pipe and ex- Svp and min 200mm from WC entry point.
Install Meeh air vent 15L/sec

- Systems:**
- Any works to heating /hot water system to be installed by a registered installer.
 - Energy efficient lighting to be installed on new lighting circuits, installed by a qualified electrician. NICEIC or similar with approved document Part P.
 - Any installed smoke detectors SD to be hard wired and interlinked on an independent circuit and positioned within 7.5m of each unit. Install in accordance with BS5839-6:2004 L03
 - All dimensions to be checked on site by construction supervisor.
 - Glazing to comply with BS 626:1981 and Argon filled.
 - Any works to heating/hot water to be installed by registered installer.
- Doors:**
All doors marked FD to be upgraded or replaced to FD 20 or ED 20 to give a min 20 minute fire resistance and to close via steel hinges onto intumescent seal and 25mm rebates

PROPOSED REAR DORMER CONVERSION INTO ATTIC ROOF AREA
With Associated works

Mr R ASHFIELD
27 SEYMOUR ROAD
STOCKPORT
SK2 6ES

Dwg No 2807/21

DRAUGHTING SERVICES
Home Extension Plans Prepared

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