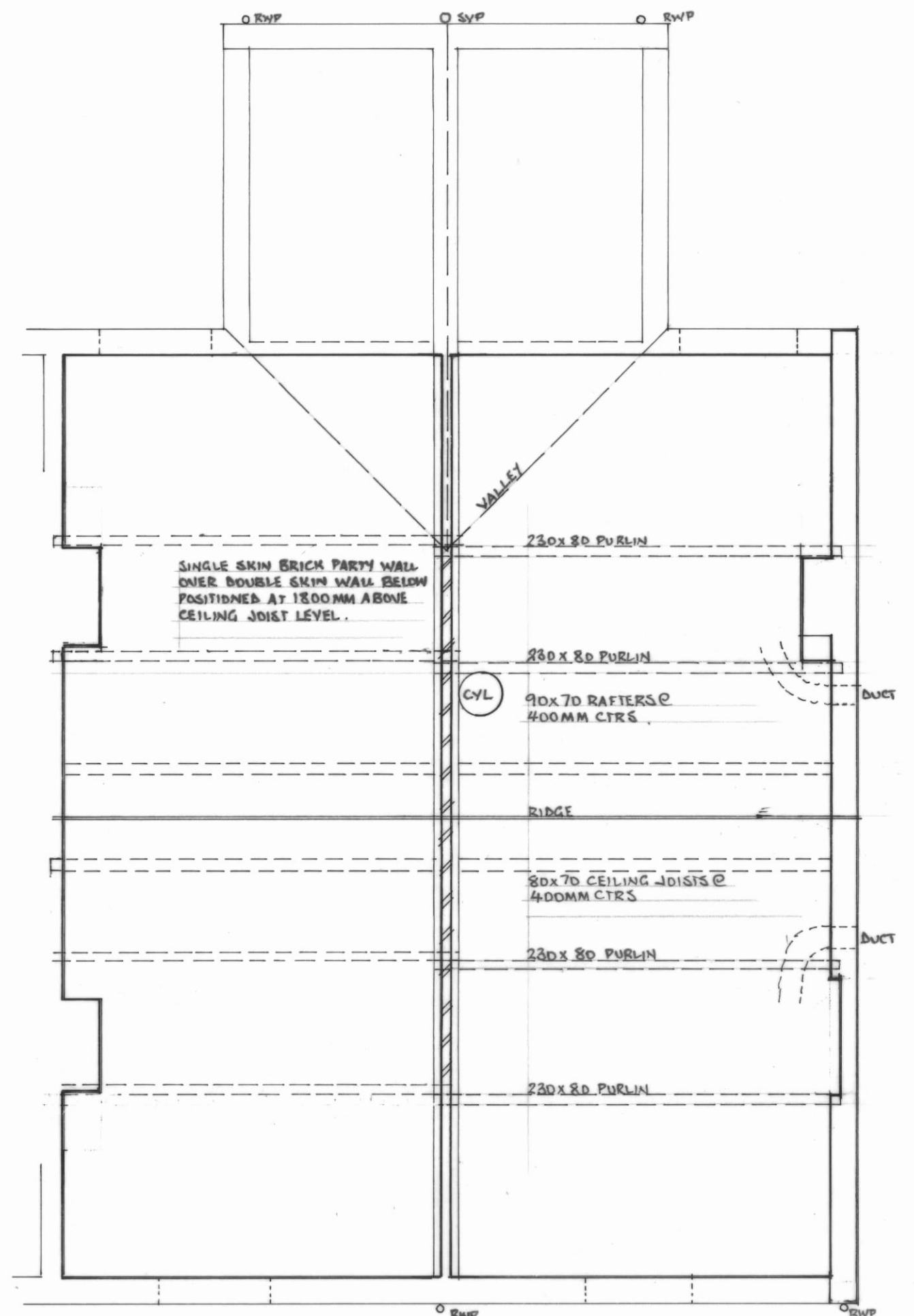
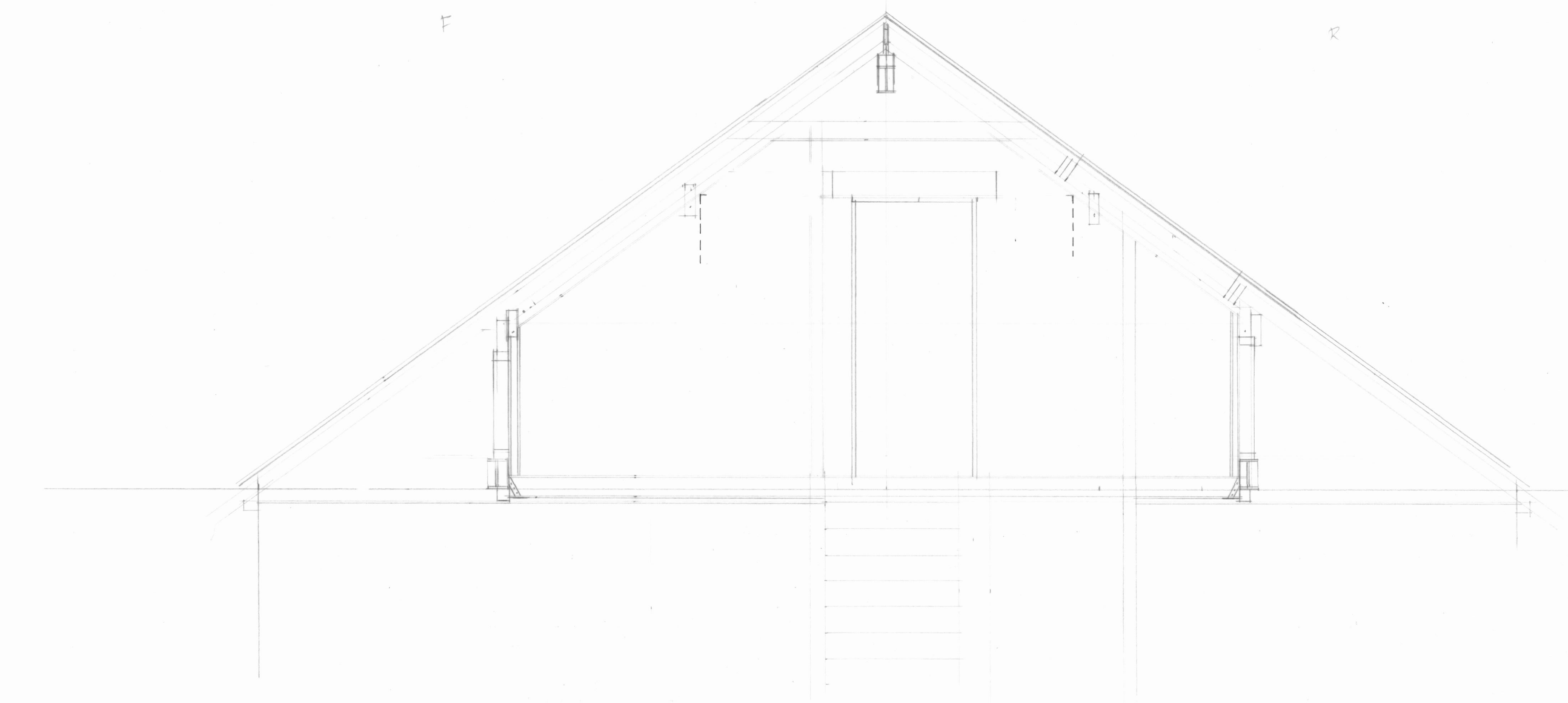
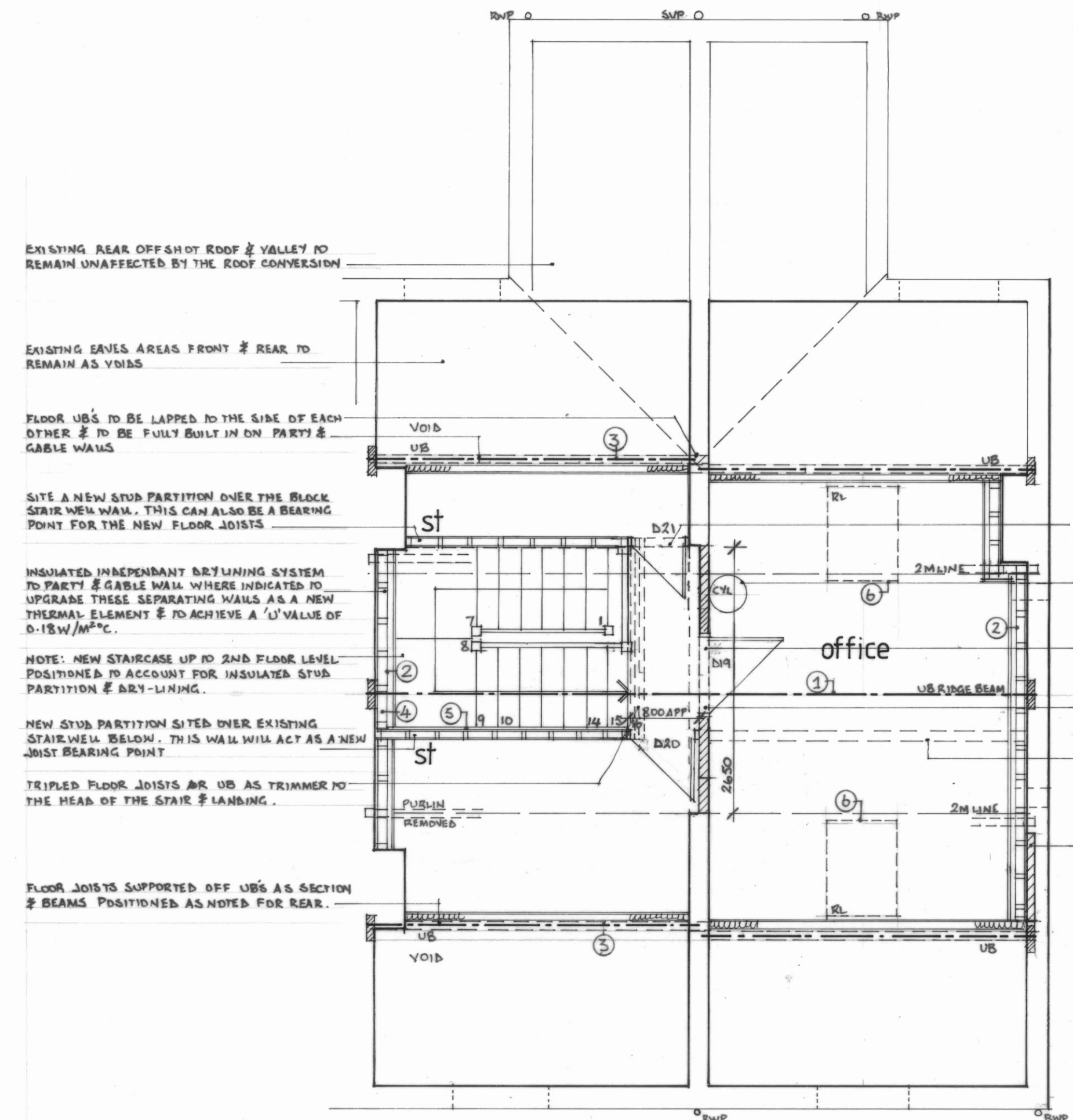


**NOTES:**  
All Dimensions must be checked on site and not scaled from this drawing.



LOFT PLAN  
AS EXISTING



SECOND FLOOR PLAN

- 1) New ridge beam (UB or UC) to be fully built in onto the existing party walls and gable end and to span across the roof. Beam size and padstones to the Engineer's calcs / details
- 2) Inner face of the existing gable end and far party wall where indicated (assuming these are a 225mm solid wall to be lined with a 100x50mm independent stud wall standing 25mm away from the brickwork as and air gap. Frame to be fully filled with 100mm Celotex GA4000 insulation and inner face to receive a further 50mm Celotex GA4000 insulation with joints taped as VCL and air leakage barrier. Partition finished with 12.5mm Gyproc wallboard and skim dry wall screwed to timber frame. All to give U' Value of 0.18W/M2 K. Stair position to account for this dry lining thickness.
- 3) New UB / UC sited above the ceiling joist line (front and rear) supporting floor and roof construction. Beams to bear onto the gable and span across onto party walls. Beam size and padstones to the Engineer's calcs and details.
- 4) Stair trimmer supporting half landing of stair and drying partition to be doubled floor joists toothbolted together at 400mm ctrs and spanning between stairwell walls as part of the new main floor joist construction.
- 5) Staircase string to be fixed onto bearer rawbolted to flanking walls for support and stepping out to account for dry lining to party wall above (As note 2 above)
- 6) Velux GGL MK08 rooflights to Office positioned up the roof line as indicated on the section. Rafters to be doubled to the sides of the rooflight opening with doubled sw trimmers sited top and bottom. Rooflights and flashing kit sited in strict accordance with the manufacturers details.

EXISTING REAR OFFSHOT ROOF & VALLEY TO REMAIN UNAFFECTED BY THE ROOF CONVERSION

EXISTING EAVES AREAS FRONT & REAR TO REMAIN AS YARDS

FLOOR UB'S TO BE LAPPED TO THE SIDE OF EACH OTHER & TO BE FULLY BUILT IN ON PARTY & GABLE WALLS

SITE A NEW STUD PARTITION OVER THE BLOCK STAIR NEW WALL. THIS CAN ALSO BE A BEARING POINT FOR THE NEW FLOOR JOISTS

INSULATED INDEPENDANT DRY LINING SYSTEM TO PARTY & GABLE WALL WHERE INDICATED TO UPGRADE THESE SEPARATING WALLS AS A NEW THERMAL ELEMENT & TO ACHIEVE A 'U' VALUE OF 0.18W/M<sup>2</sup>K.

NOTE: NEW STAIRCASE UP TO 2ND FLOOR LEVEL POSITIONED TO ACCOUNT FOR INSULATED STUD PARTITION & DRY LINING.

NEW STUD PARTITION SITED OVER EXISTING STAIRWELL BELOW. THIS WALL WILL ACT AS A NEW JOIST BEARING POINT

TRIPLED FLOOR JOISTS OR UB AS TRIMMER TO THE HEAD OF THE STAIR & LANDING.

FLOOR JOISTS SUPPORTED OFF UB'S AS SECTION & BEAMS POSITIONED AS NOTED FOR REAR.

SMALL 1/2 HR FIRE DOOR TO ACCESS LOW LEVEL STORE AREA

CYLINDER EITHER RELOCATED OR SITED WITHIN A CUPB

EXISTING PARTY WALL & LEUCE DROPPED TO NEW FLOOR LEVEL & BUILT UP IN A SINGLE SKIN OF BLOCK AS INDICATED TO AFFORD A TOP LANDING WIDTH & TO SUPPORT THE BEARING POINT OF THE NEW RIDGE BEAM ABOVE

NEW DOOR OPENING TO HAVE A HEAVY BUTT CONCRETE UNTEL OVER OR SMALL UB TO SUPPORT THE POINT LOAD OF THE RIDGE BEAM ABOVE

LINE OF SUPPORTING WALL BELOW SHOWN BOTTES.

EXISTING SINGLE SKIN OF GABLE WALL INFILLED WITH BLOCKWORK & TIED BACK IN READINESS FOR THE NEW DRY LINING SYSTEM

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Drawing Title:  
**ROOF CONVERSION**

Job Title:  
**PROPOSED ALTERATIONS & CHANGE OF USE AT 341- 343 CHATSWORTH ROAD CHESTERFIELD S40 2BZ**

Scale: 1 : 50 / 1 : 20	Date: DEC 23	Drawn by: pg
Drawing No: 4579 / 2 / 23		Rev: