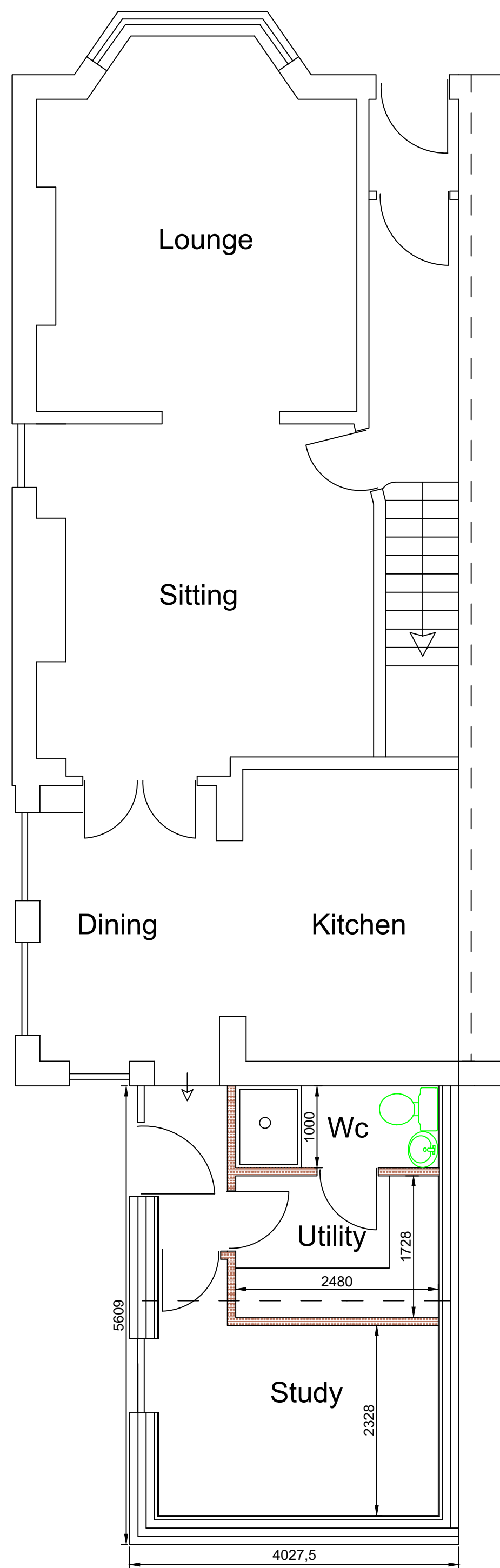
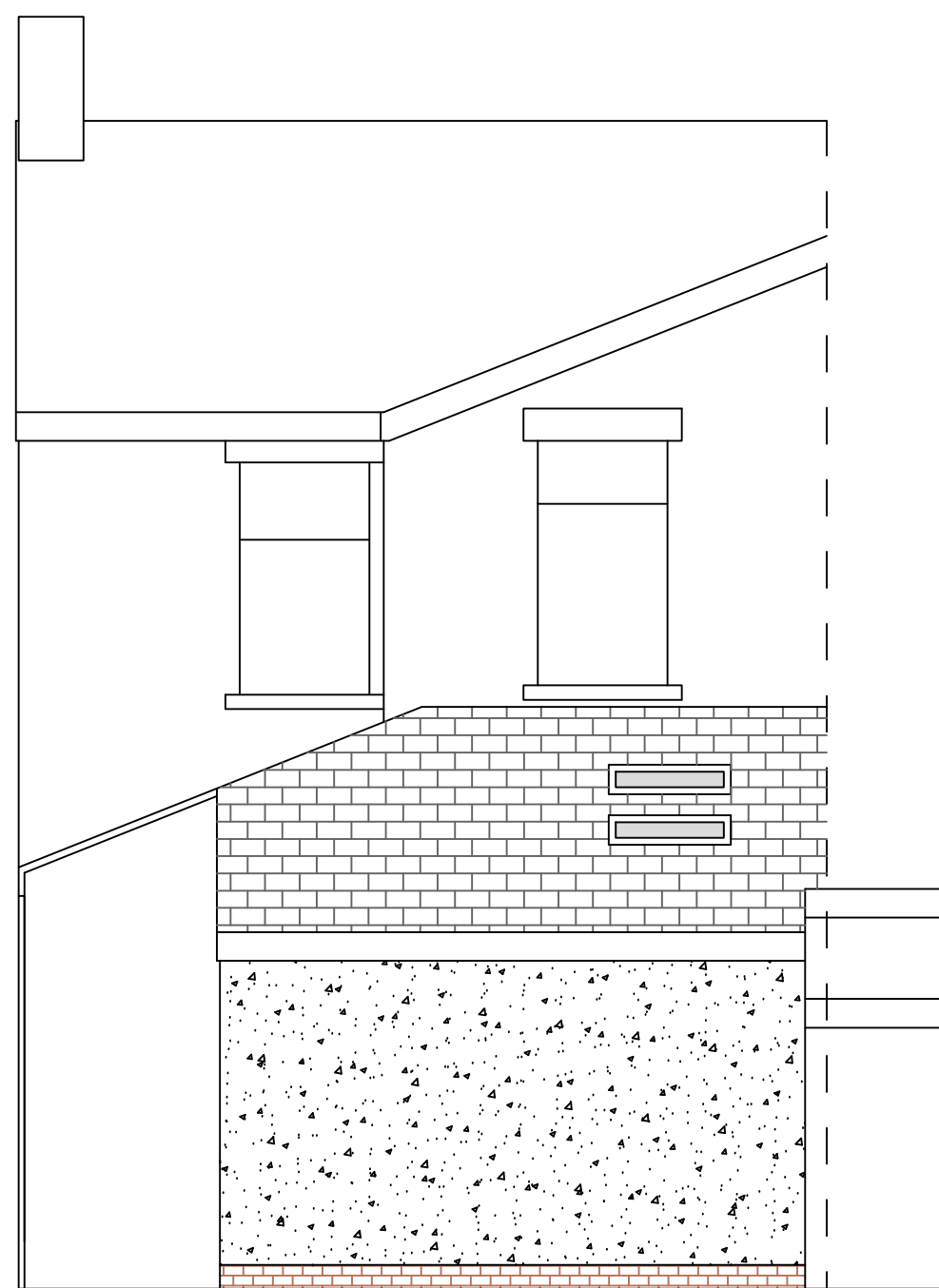


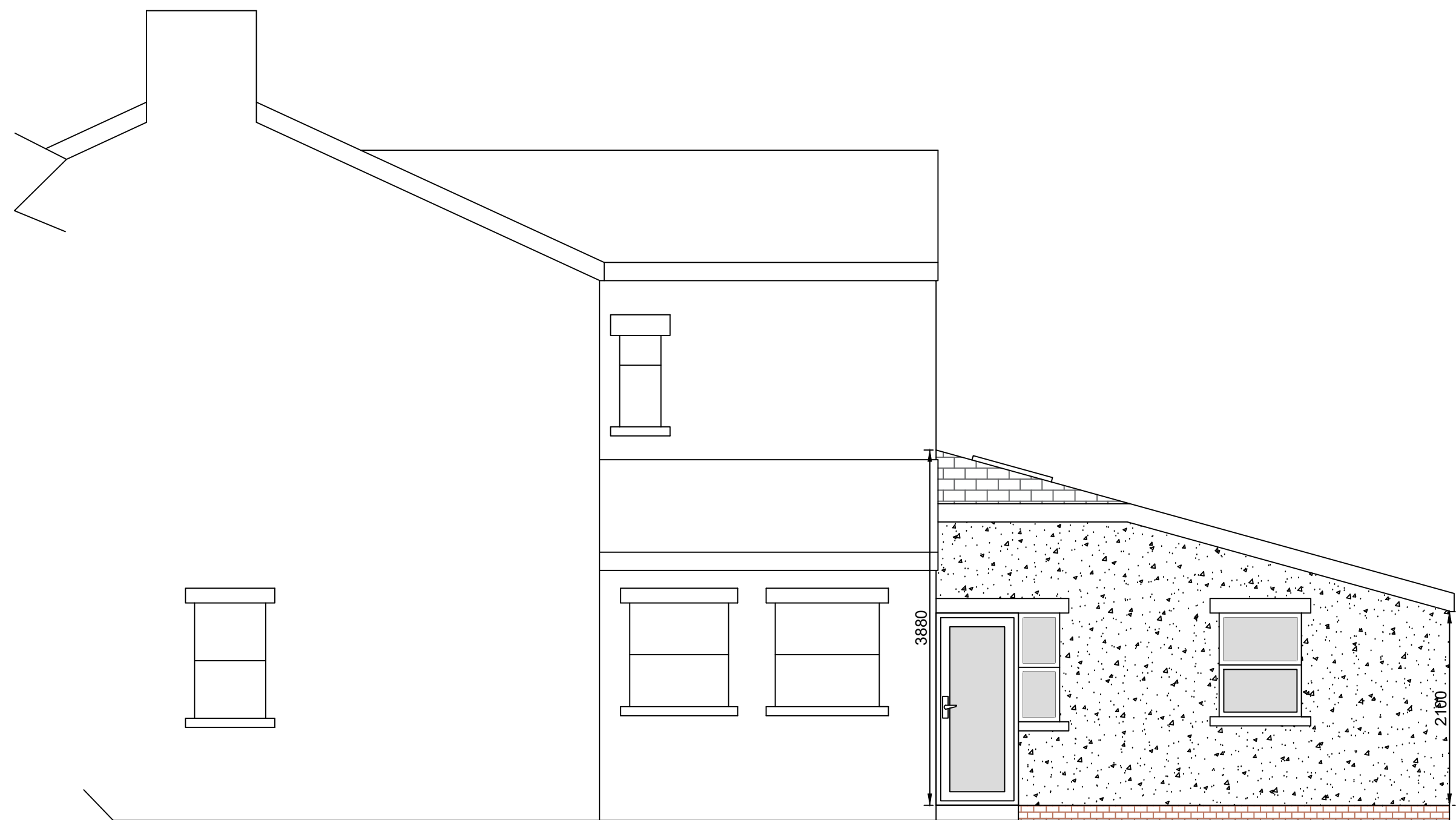
EXISTING LAYOUT



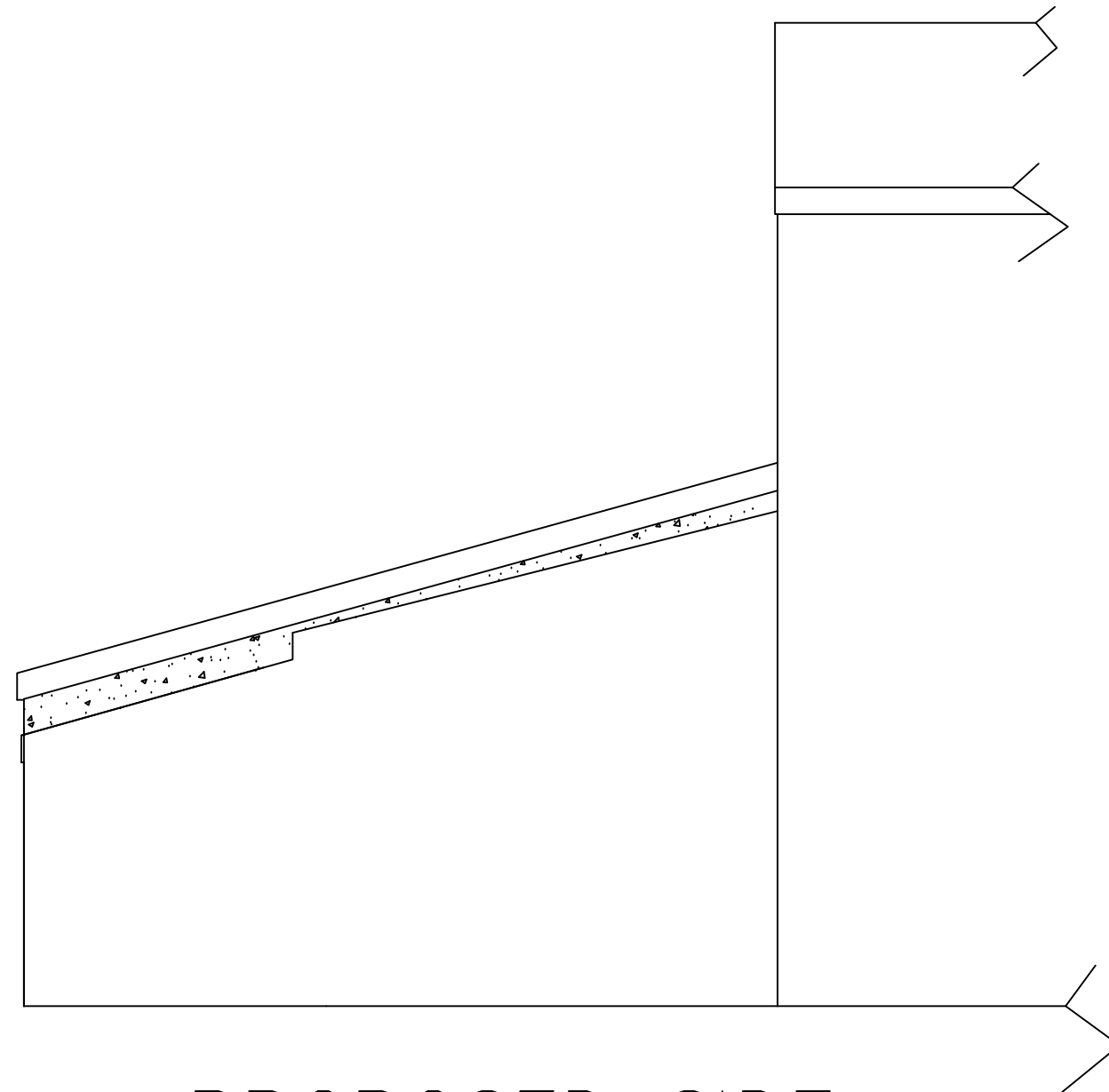
PROPOSED LAYOUT



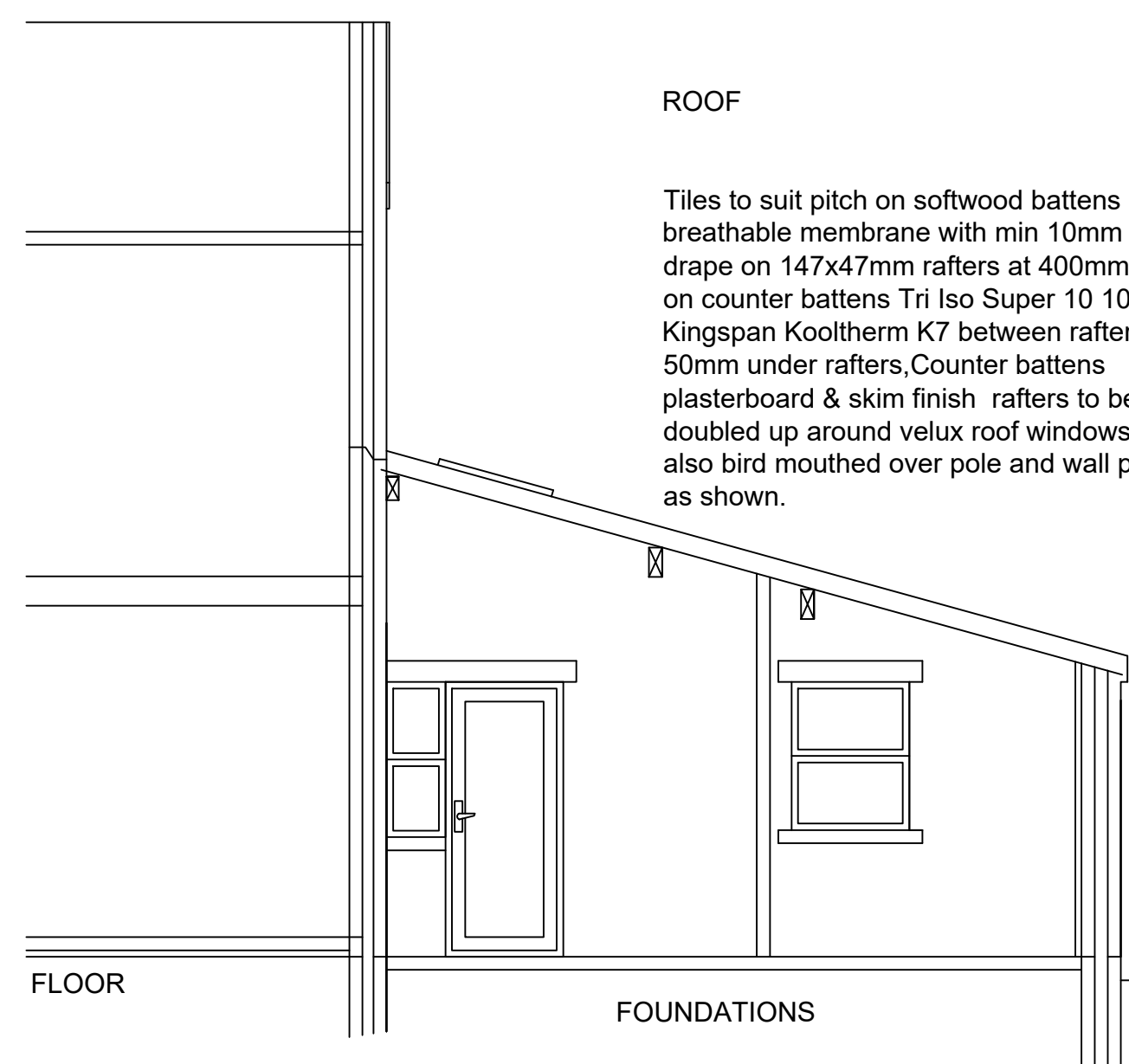
PROPOSED REAR



PROPOSED SIDE



PROPOSED SIDE



WALLS
Brickwork, 100mm cavity with 100mm Dritherm32 Ultimate, 100mm celcon solar blockwork 47.5mm insulated plasterboard with skim finish

ROOF

Tiles to suit pitch on softwood battens breathable membrane with min 10mm drape on 147x47mm rafters at 400mm c/c on counter battens Tri Iso Super 10 100 mm Kingspan Kooltherm K7 between rafters & 50mm under rafters, Counter battens plasterboard & skim finish rafters to be doubled up around velux roof windows and also bird mouthed over pole and wall plate as shown.

FLOOR

FOUNDATIONS

100mm concrete on visqueen 1200g linked to dpc 100 Celotex GA4000 insulation sand blinding and well consolidated hardcore 25mm PIR insulation around perimeter to avoid cold bridging

600x150mm thick concrete finds min 750mm below ground level concrete 1.3.6 to part A exact depth of foundations is subject to ground conditions and approval from building control

- delete as necessary
form Extension as shown
1: Windows to be double glazed with Pilkington K,E glass with min 16mm airgap between glazing. Trickle vents fitted giving min 8000mm² openers min 100mm opening lights.
Windows to be quality C or better
2: window and door openings to have draught seals fitted.
3: All glazing to windows within 800mm of floor & 1.5m in doors & side panels to be fitted with safety glass
4: Stainless steel cavity ties at 750 mm c/c horizontal and 450mm c/c vertical and to each block course at reveals.
5: Cavities to be continuously secured roof timbers to wall plates bolted to existing wall.
6: All new drainage to be 100mm supersleeve laid at 1:40 falls. drainage passing under extensions to be protected to satisfaction of L.A provide lintol support when passing through walls and foundations.
7: Provide cavity tray and lead flashing at junction with roof and house wall.
8: Rainwater via 100mm gutter and 63mm downspout to new/existing gulleys.
9: Vertical and horizontal dpc's to all new openings.
10: Internal stud walls to be 100x50mm or 75x50mm studs with plasterboard both sides having a density of 10kgm² & infilled with rockwool insulation
11: Insulated catnic lintols over all new openings.
12: 30*5mm mild steel straps secured to trusses/ joists/rafters and ceiling spars at max 2m c/c turned down cavity/wall and built in.
13: Provide min 12.5mm gap between wall and fascia to ventilate pitched roof space if breathable membrane is not used.
14: Encase rsj's in 12.5mm fireline boards
15: New Boiler to be A rated and be installed by a Gas Safe registered installer.
16: Cavities to be closed with Thermabate cavity closers
17: At least 1 in 4 light fittings in new rooms to be energy efficient.
18: Provide TRV's to all new radiators.
19: No beams to be ordered or work commenced on site until calculations have been checked by building control and a full approval issued.

- 20: If necessary contact manufactures of products.
21: Please provide cavity tray and lead flashing at roof/wall abutments.
22: 100mm gutter and 63mm down pipe. All drainage details to be agreed on site between building control and contractor.
23: Provide mechanical ventilation to bathrooms utilities kitchens giving min 15ltrs per second extraction to bathrooms
30ltrs per second extraction to utilities and kitchens.
24: Provide mains operated smoke detection as shown linked together with battery backup.
this drawing is to be used only for planning/building regulation submission not as a "working drawing" if used as such all dimensions to be checked on site by contractor.
all work to be carried out to satisfaction of local authority.
prior to commencement of work on site principal contractor/building owner to produce a method statement with regard to safety of occupiers/ employees during building operations
builder to allow for safe support of existing/new structure during contract.
Any structure being used for support must be checked to determine suitability. if found not suitable please contact for further instruction

All electrical work to be carried out to BS7671:2001 and be installed and tested by a competent person. The Local Authority may request a test certificate under the above BS.

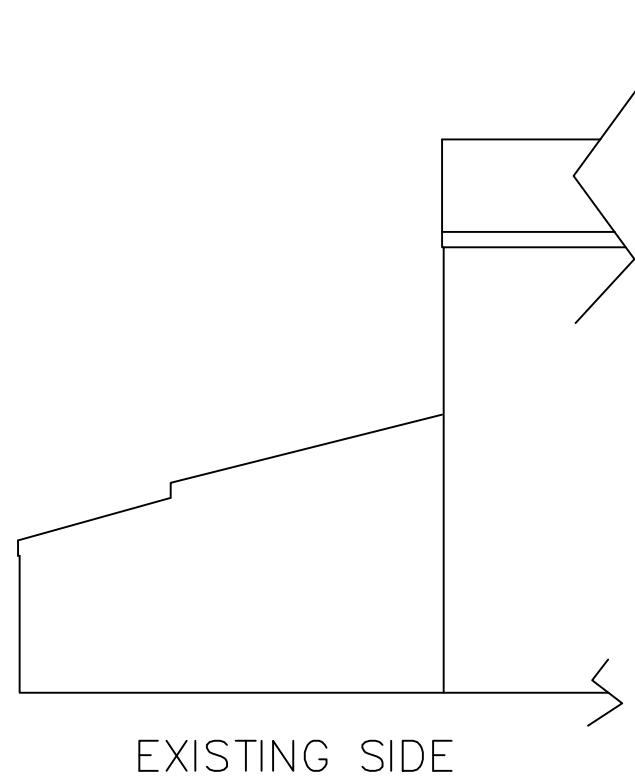
Proposed extension at :

**17 Blackburn Road
Ribchester
PR3 3ZP**

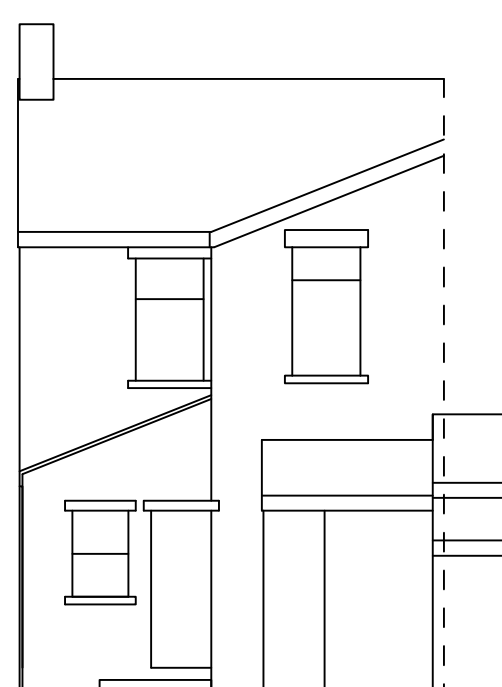
CLIENT:	Mr & Mrs Rushton
DATE:	December 2022
SCALE:	1:50 & 1:100 @ A1
DWG No:	
L.A:	
AMENDMENTS:	DATE:

ENTWISTLE DESIGN SERVICES

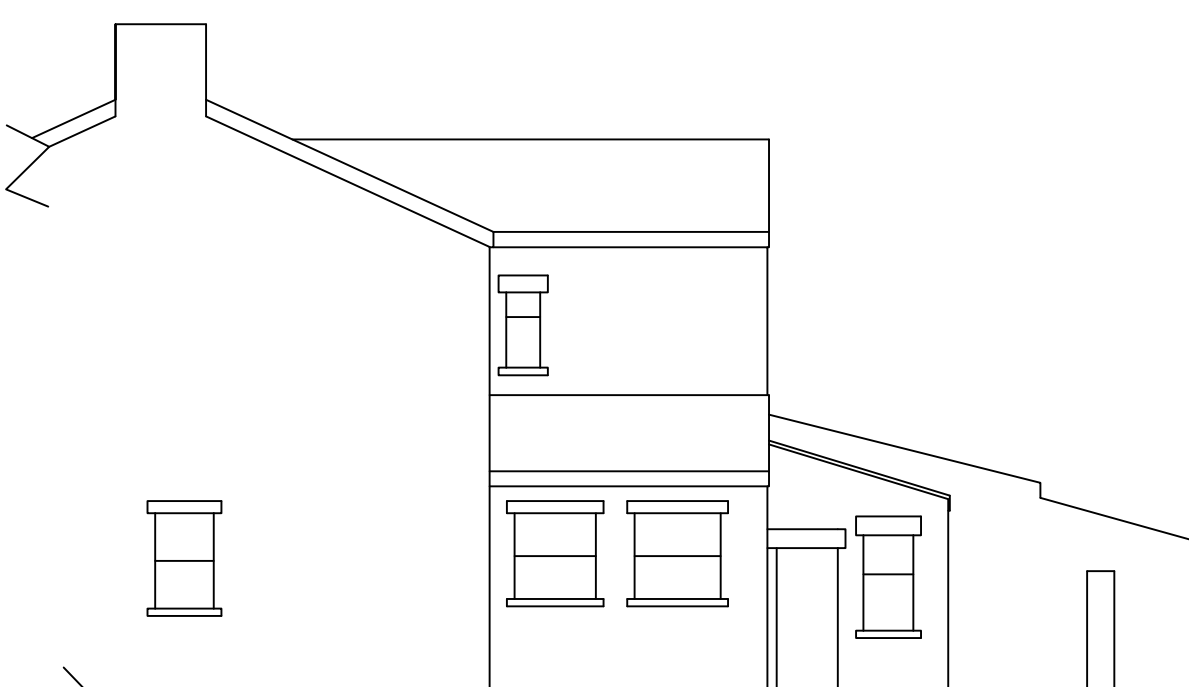
**7 Edgefield
Astley Village
Chorley
PR7 1XH**
**Tel: 01257 274976
E-Mail: entwistledesign@aol.com**



EXISTING SIDE



EXISTING REAR



EXISTING SIDE