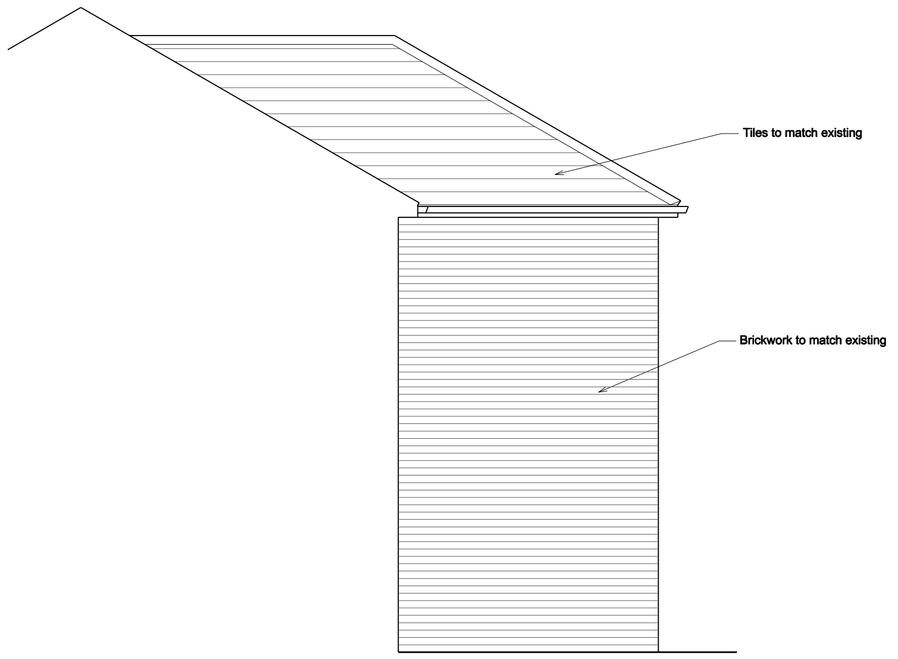
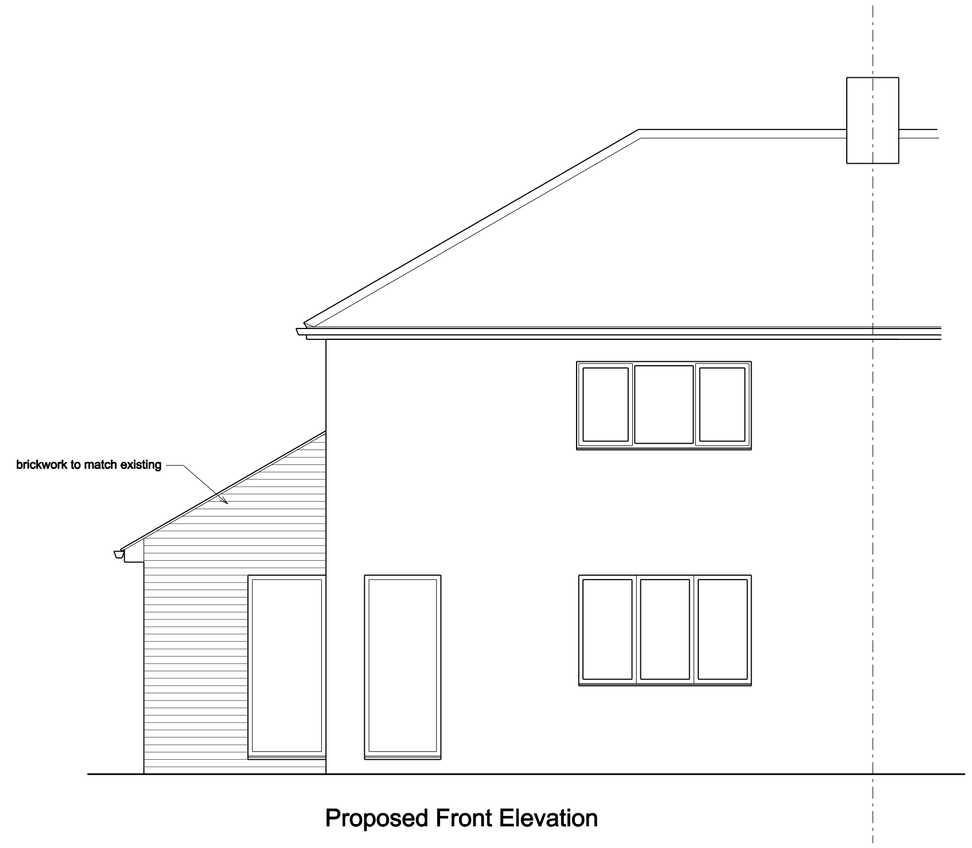
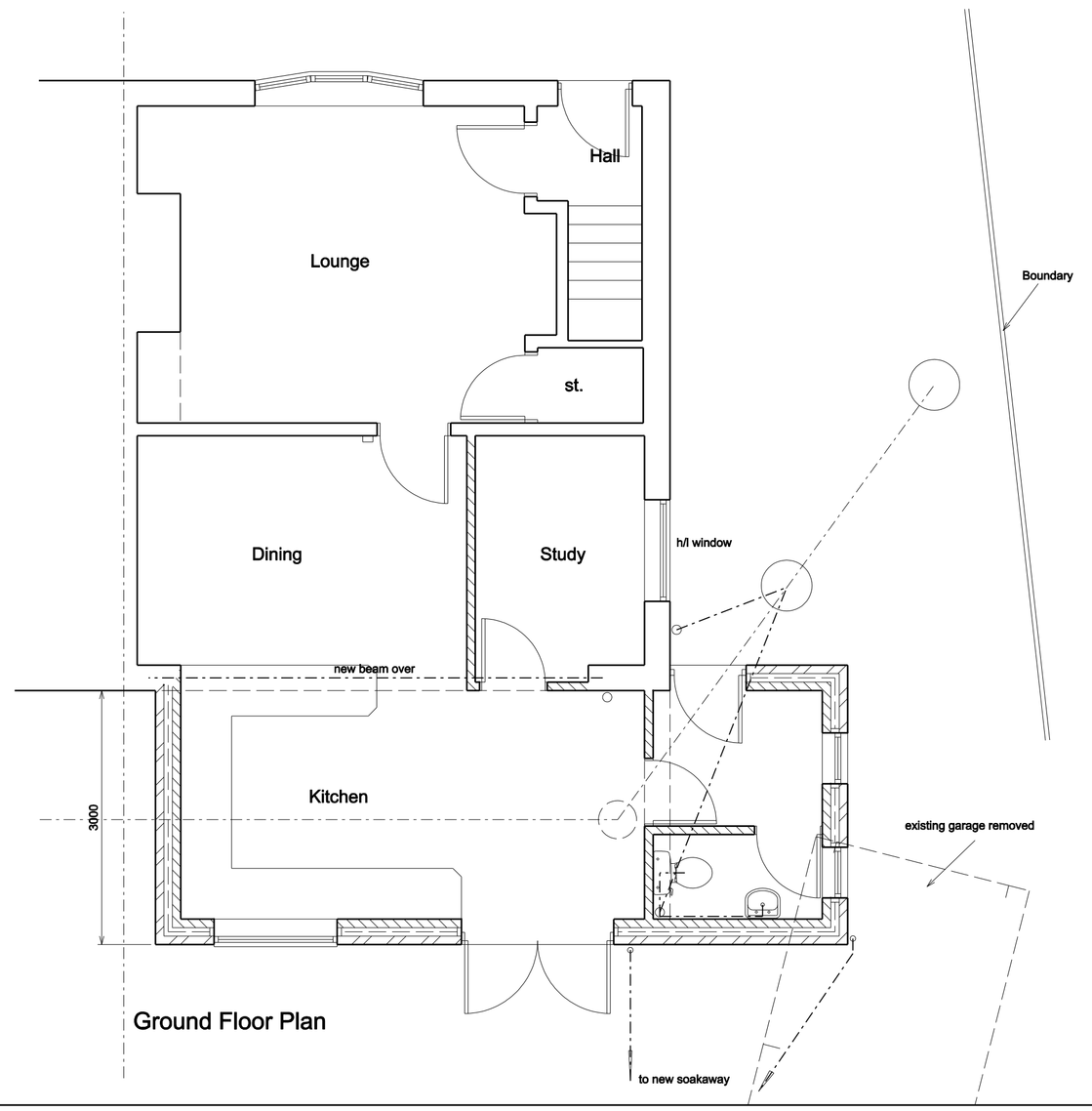


Proposed Side Elevation

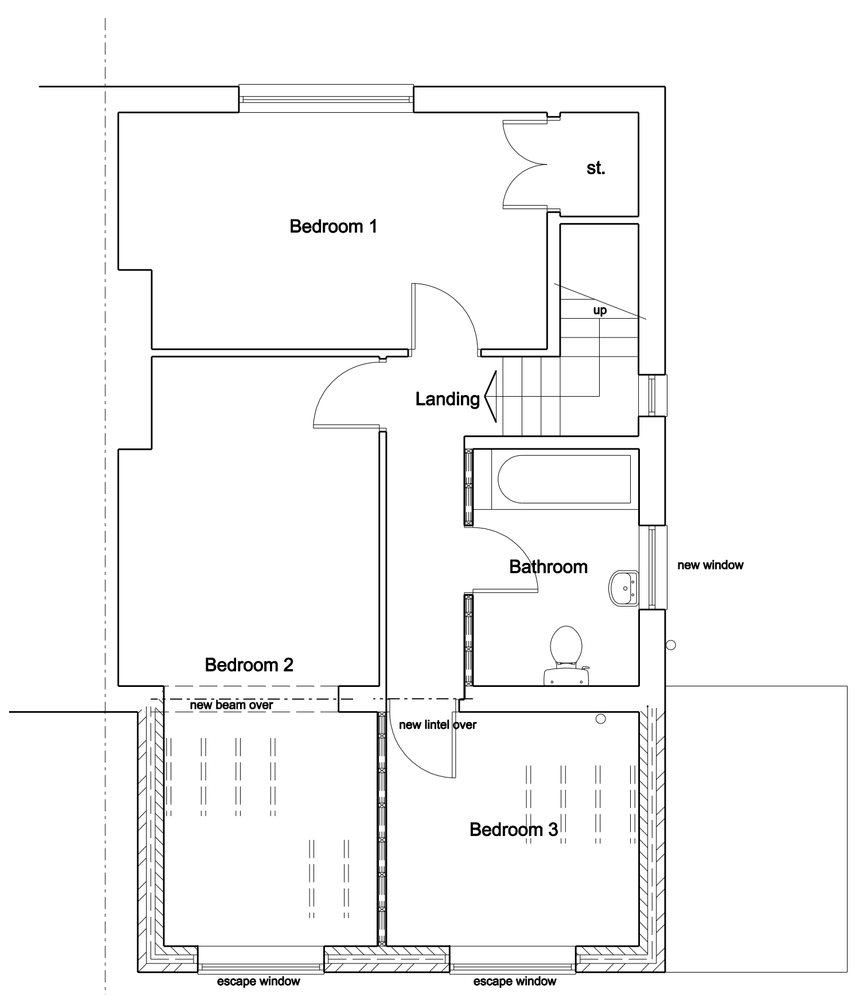
Proposed Side Elevation



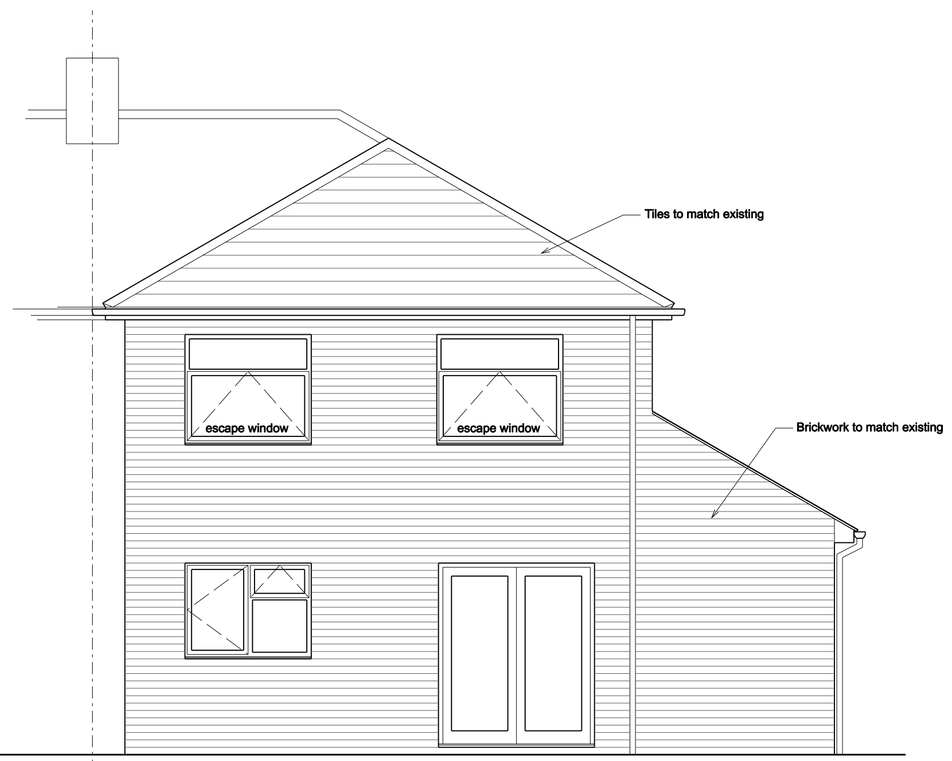
Proposed Front Elevation



Ground Floor Plan



First Floor Plan



Proposed Rear Elevation

General:
Lintels/ beams to have min 150mm end bearing.
Provide 4000mm2 background ventilation to Bathroom. S & VP to terminate min. 900mm above any opening light within 3.0m. No waste connection within 200mm of W.C. connection.
Calculations for new steel beams to be provided by Structural Engineer and submitted to Local Authority for approval. Beams to be clad with Fireline board to give min. 30min. fire protection.
New beams to be seated on concrete padstones to Structural Engineers details
Galvanised steel restraint straps required to wallplate at max. 2.0m centres.
Galvanised steel restraint straps required to first floor joists fixed acros 3No joists with noggings between at max. 2.0m centres.
Galvanised steel straps required to gables and strapped over 3No rafters with noggings between.
Electrical work to be carried out by an Electrician registered within a Competent Persons Scheme, or if work is to be inspected by a Building Control Officer in accordance with Part P Electrical Safety.
Smoke detectors to be mains operated.
Hardwired smoke detectors to be fitted at all floor levels.
8000mm trickle vents to new bedroom window to give background ventilation.
New windows to be PVCu double glazed with low-e glass and 12mm air gap to give average u-value of 1.6W/m2K.
Strutting to mid-span of ground floor joists.
Thermostatic radiator valves and insulated pipework in un-heated spaces required to any new heating.

Kitchen to have openable window with trickle ventilator to head to give 4000mm2 background ventilation plus mechanical extract ventilation rated at 30 litres/second adjacent to the hob or 60 litres/second if operated indenpendently.
Cloaks to have openable window (no minimum size) with trickle ventilator in head to give 4000mm2 background ventilation plus mechanical extract ventilation rated at 15 litres/second operated from indepentent switch.

Internal Walls:
Internal walls at first floor to be 75 x 50mm s/w timber studding with 9.5mm thick plasterboard both sides and min 50mm Rockwool fibreglass insulation between studs.

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

Notes:
All work to be carried out strictly in accordance with current Building Regulations and British Standard Codes of Practice.
All new timber to be treated with recommended fungicide and insect repelant to satisfaction of Local Building Inspector.
No projections over boundary.

Foundations:
Foundations to be concrete strip min 225 x 600mm. depth to be determined on site and agreed with Local Building Inspector

D.p.c's:
D.p.c's positioned min. 150mm above ground level . D.p.c. weathercheck to all new window and external door openings.
D.p.c cavity tray required over new lintels. Mastic pointing to reveals.

External Walls:
100mm thick brickwork to match existing outer leaf to Local Authority Approval, 50mm clear cavity, 50mm thick Celotex double-GA2000 wall insulation, 100mm thick blockwork inner leaf.
Construction to give min. 0.28W/m² K. Stainless steel wall ties to be positioned at 450mm centres vertically and 750mm centres horizontally and at every block course at reveals

Roof:
Concrete interlocking tiles to match existing fixed to 38 x 25mm s/w battens to Manufacturers recommendations on breathable membrane, Kingspan Nilvent or equal approved.
150 x 50mm s/w rafters at 450mm centres,
150 x 50mm ceiling joists.
100 x 75mm wallplate fixed to wall at 600mm centres.
150mm insulation laid between joists,
150mm insulation laid over joists.Min. 50mm clear air space required above insulation.
Underdrawn with 12.5mm plasterboard and skim finish.

Lintels:
'Catnic' or equal approved galvanised steel lintels over door and window openings to Manufacturers recommendations.

Glazing:
Glazing within critical locations as defined in Building Regulations, i.e. within 800mm from floor level or 1500mm in doors to 300mm either side to be laminated or toughened glass to B.S. 6206 and suitably Kite Marked.

Rainwater Goods:
Rainwater goods to match existing.

Ties:
Every third joist to be tied down by stainless steel ties screwed to joists and plugged to wall min. 450mm down.

Ground Floor :
75mm thick sand/cement screed on 100mm thick concrete slab on separating layer membrane (min. 500g) on 100mm thick Kingspan K3 floor Insulation on Visqueen 1200g dpm on 50mm thick sand blinding on 150mm thick well consolidated hardcore.
Insulation laid to Manufacturers recommendations.

Ventilation
Background ventilation to habitable room to be min. 8000mm2. (trickle ventilators in window heads).
Windows to have opening lights min. 1/20th of floor area.

Drainage:
New drains to be vitrified clay pipes with approved flexible joints connected to existing system. Drains to be linteled over where passing under walls and surrounded with pea gravel where passing close to building.

Rainwater Goods:
Rainwater goods to match existing.

First Floor:
20mm thick flooring grade chipboard on 175 x50mm C16 s/w timber joists at 400mm centres size to be confirmed by Engineer.
12.5mm thick plasterboard and skim finish to underside.
150mm thick insulation between joists.
Solid timber noggins at max. 1800mm cts.

Ties:
Every third joist to be tied down by stainless steel ties screwed to joists and plugged to wall min. 450mm down.

General:
Lintels/ beams to have min 150mm end bearing.
New windows to be PVCu double glazed with low-e glass and 16mm air gap to give average u-value of 1.6W/m2K.
Code 4 lead tray dpc to abutment.
75% of all new light fittings to be energy efficient.
Part P certificate to be submitted to Local Authority on completion of work.
Double seal screw down cover to any enclosed chambers.
Habitable rooms to have escape windows 0.33 sq m min. area, min. 750mm wide, 800 to 100mm from floor level.

A		
	Date	Revisions

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6 Chapel Place
Barnsley
S71 5BQ

Title
Proposed Plans and Elevations

Scale 1:50	
Drawn by MJH	Date Mar 2020
Drawing No. 1216-02	Revision