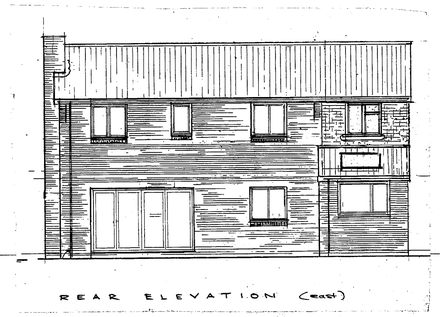
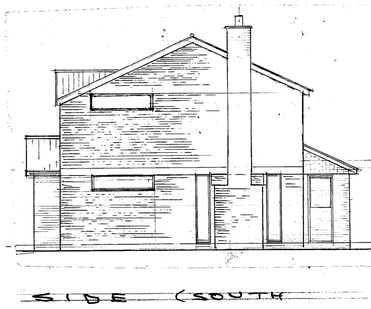
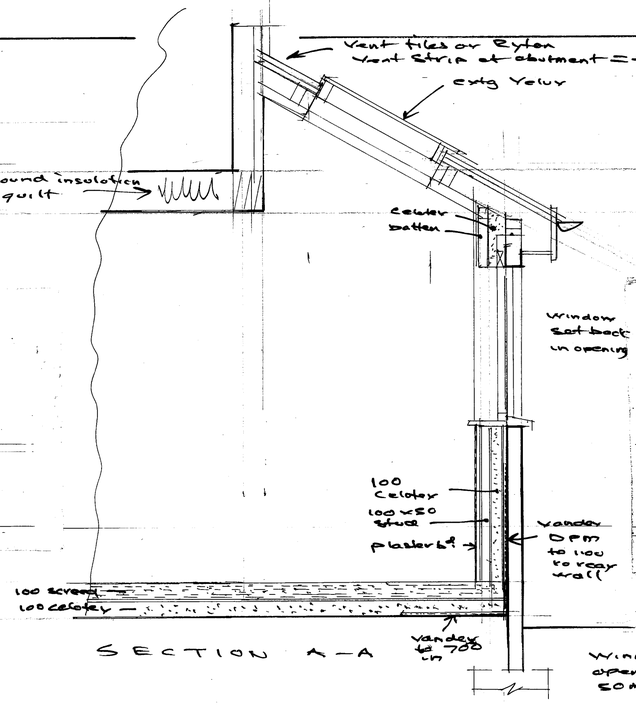


REAR ELEVATION (east)

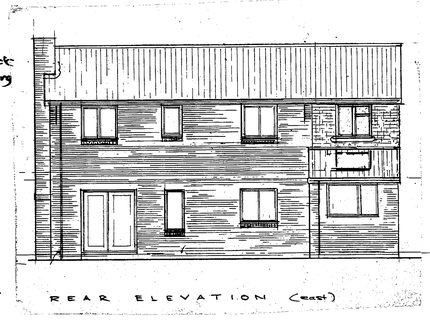
ELEVATIONS as PROPOSED
1:100 at A1



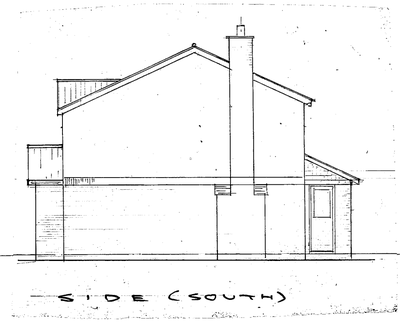
SIDE (SOUTH



SECTION A–A



REAR ELEVATION (east)

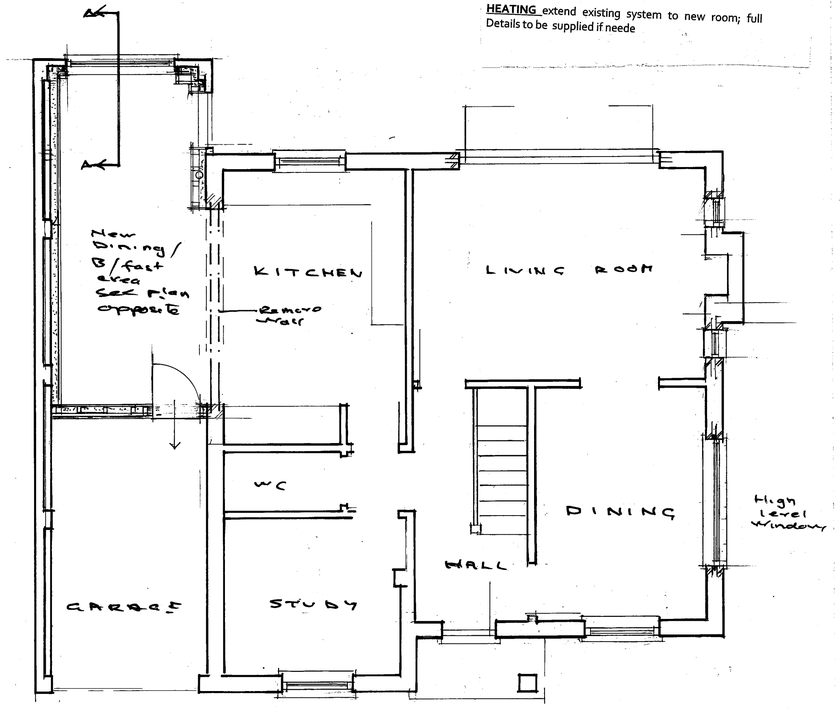


SIDE (SOUTH)

ELEVATIONS as EXISTING

Window repositioned in opening to 0 overlap cavity. Closers 50ms. Check glazing is U value 1.6 W/m²K

0 1 2 3 4 5
Metres
1:100 @ A1



GROUND FLOOR
1:50 at A1

0 1 2 3 4 5
Metres

FLOOR
Block and beam;
Apply Vandex DPM to existing slab as manufacturers details and extend 600mm up walls, and Lay over 80mm Celotex GA5000Z insulation with 100 cement sand screed over.
All to be true and level to existing and allow for client's floor finish

HEATING extend existing system to new room; full Details to be supplied if neede

CONSTRUCTION

ROOF
Install vent at roof abutment to upper wall either as vent tiles or Ryton ventilators, Provide 25mm or equivalent soffit vents
Allow to under-batten existing rafters with 50 X 50 battens to underside of rafters
Roof insulation to be 150mm Celotex with 100 between Rafters and 50 lining underdraw

CEILING: To area above new room; remove plasterboard and insulation, Lay in 150mm Sound insulation quilt between joists to floor void over. Re-plasterboard ceiling with 12.5 plasterboard scrim and set. (Front loft void to retain 170 Celotex insulation

Existing walls .
Existing external side wall single skin with piers, with recently constructed new block skin
Apply specialist applied damp proof membrane, Vandex or similar, to exiting walls to 600m high and extending 600 over existing Block and beam floor.
Provide 100mm Celotex continuous lining, secured to walls with 100 X 50 studs, flat to wall, with plasterboard nd scrim over

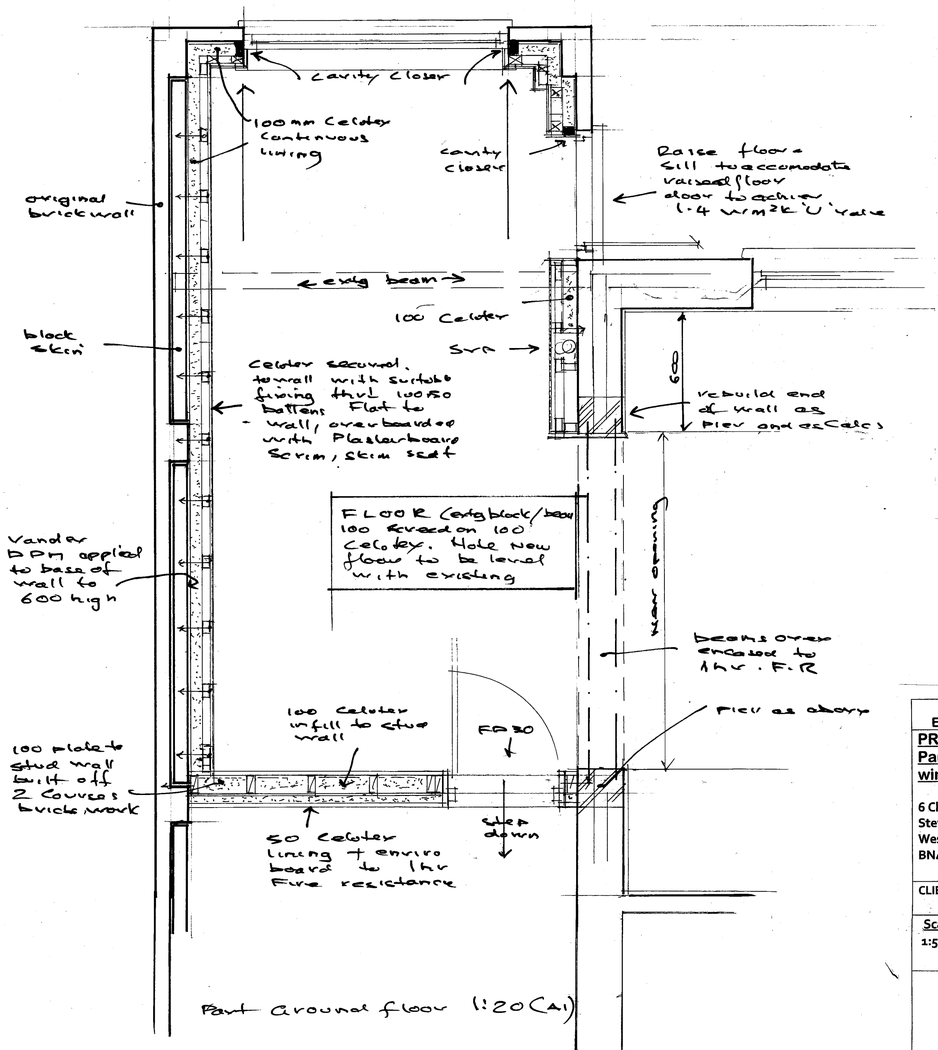
OPENING TO KITCHEN
Remove wall as shown and install beams **as calculations** on piers or posts set in walls, and padstones as described in the calculations

NEW WINDOWS
Form openings, install lintels as Calc's, reform reveals and install cavity closers to suit cavity width
New doors and windows to match existing; be openable; Windows double glazed with soft coat low e glass 16mm argon filed gap to achieve 1.40w/m2K,

Provide fire door FD30 to garage opening into kitchen

Stud Partitions
Lay 2 brick base course to slab
Construct new ground floor partition on 2 courses engineering brick off existing slab with 100 X 50 plate over and 100 X 50 studs at 100 C/s, 100 X 50 head plate spiked to joists, and noggins at mid height
Enviro board finish to garage side with Plasterboard scrim and set coat to both sides
Provide full fill Celotex insulation with 50 lining to one side

Plastering
Existing WALLS;
Plaster existing walls in 2 coat hard plaster; OR dry line with 12.5 plasterboard fixed on dabs



Part Ground floor 1:20 (A1)

ELECTRICAL WORK
Required to the requirements of Part P (electrical Safety) Must be designed , installed and tested by a person company to do so
Prior to completion the council should be satisfied that Part P has been complied with> this may require an appropriate BS7671 Electrical installation certificate to be issued by a person competent to do so

HEAT AND SMOKE DETECTORS
Heat and smoke detection system to be installed to BS5839, Detectors to be mains operated, interlinked with battery back up

LIGHTING
Fixed lighting capacity Installed to 100% of fittings
100% of light fitting to be cable only of housing energy efficient fittings

Heating:
Thermostatic valves to all new radiators

Note: Heat/smoke detection system installed as part of current extension

Ground Floor Plan as proposed; Elevations, as proposed and as existing

PROJECT:
Part garage Conversion, new windows and alterations

6 Church Mead
Steyning
West Sussex
BN44 3ST

CLIENTS: Mr. R. Assender

Scales/plan Size	DWG. NO.	P.J. Clay
1:50; 1:100 and 1:20 only at A1	2338-1	Sept. 2024

PHILIP J CLAY
ARCHITECTURAL DESIGN

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