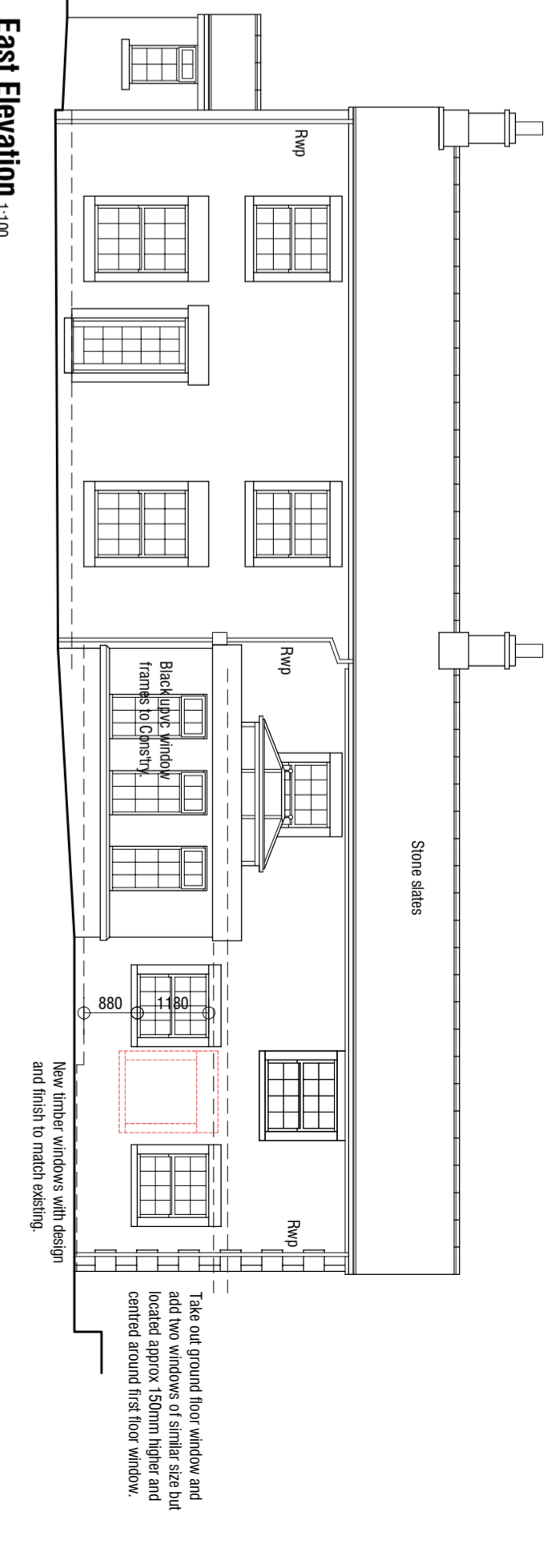


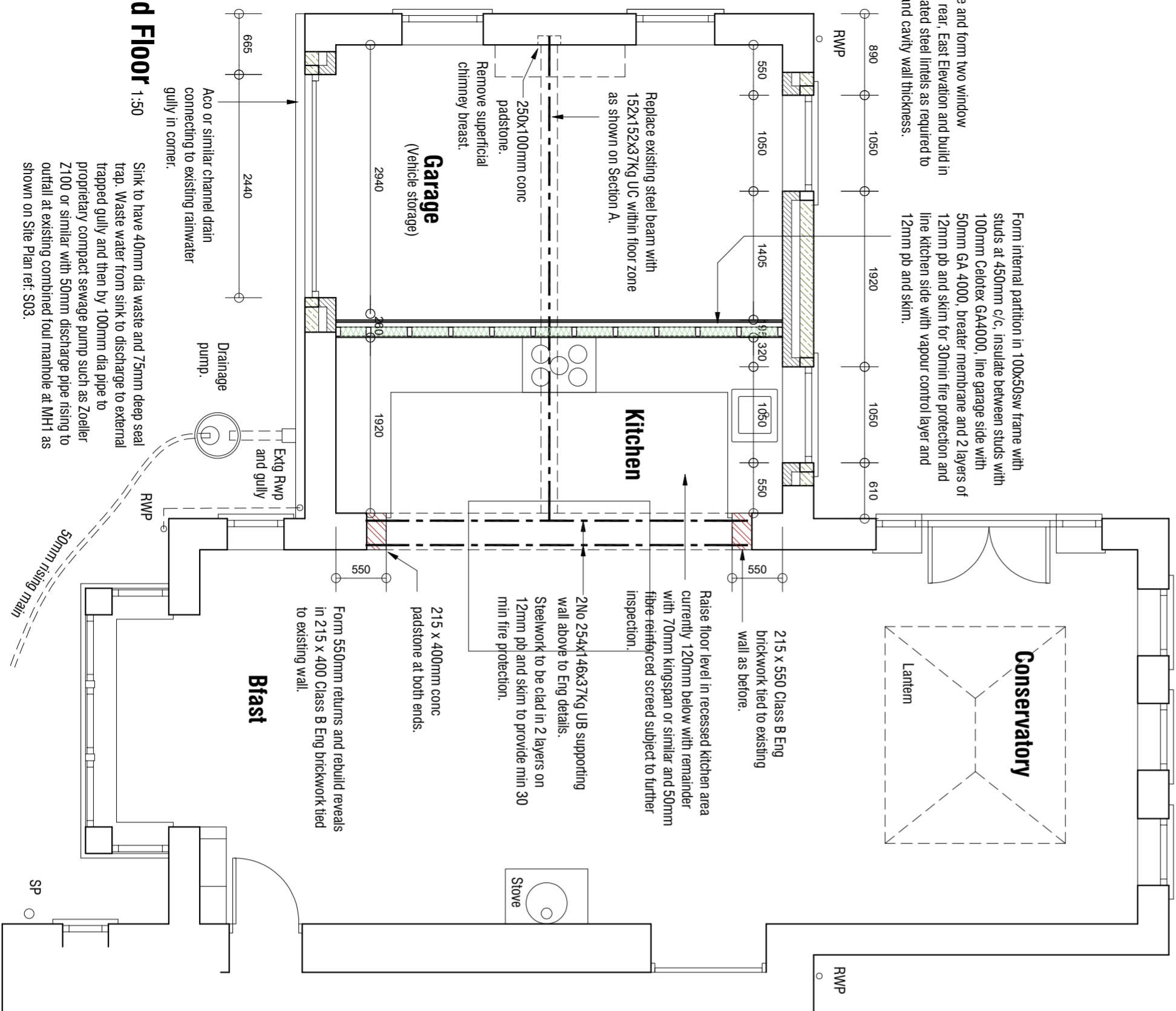
West Elevation 1:100



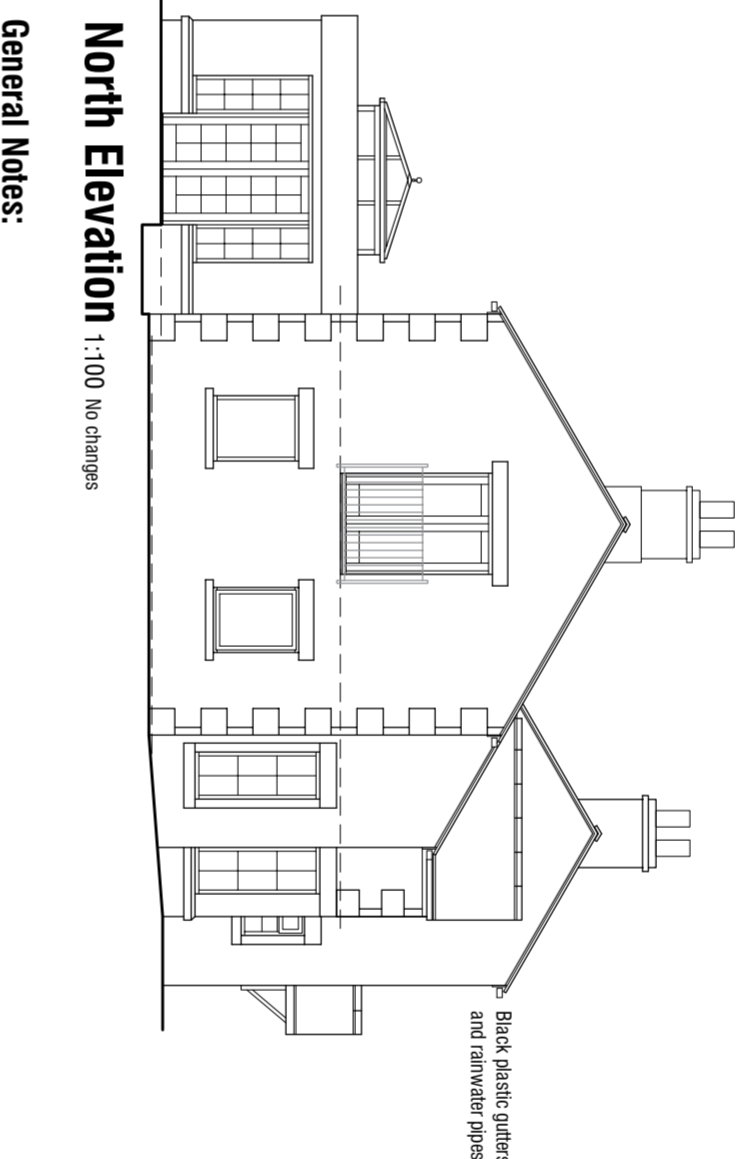
East Elevation 1:100

Build up one and form two window openings in rear. East Elevation and build in catnic insulated steel lintels as required to suit spans and cavity wall thickness.

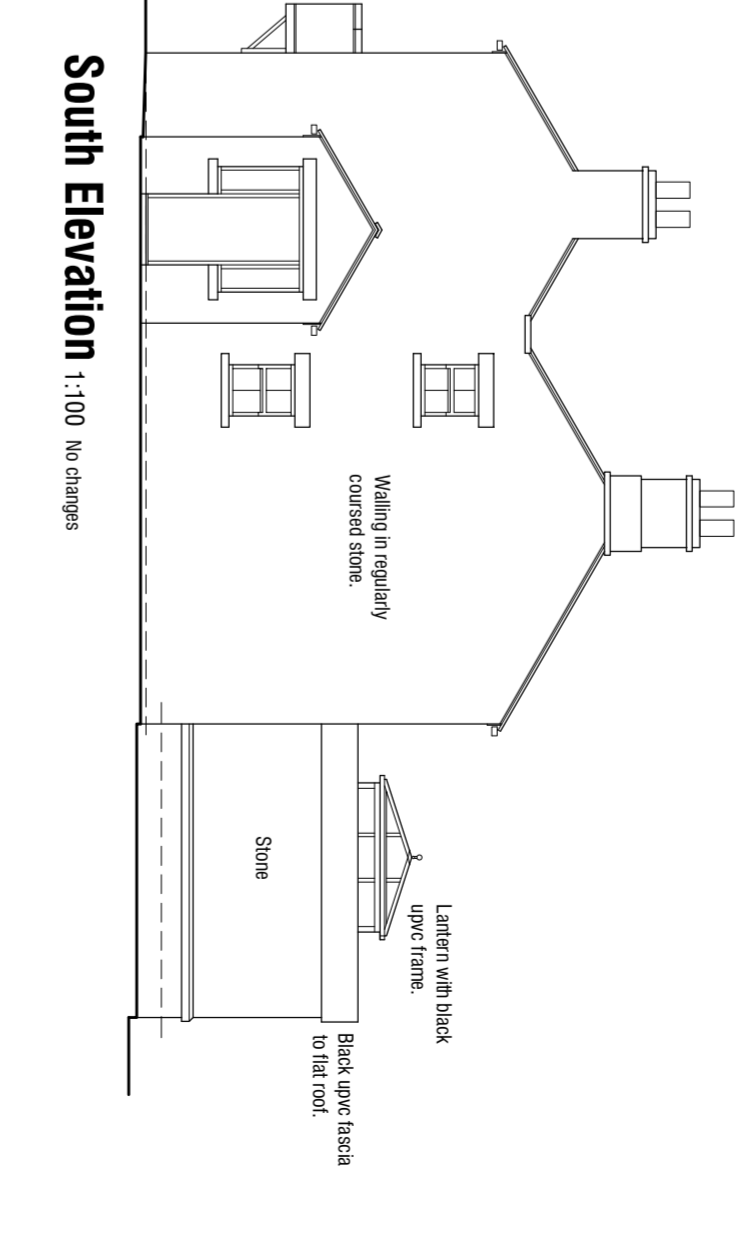
Form internal partition in 100x50sw frame with studs at 450mm c/c, insulate between studs with 100mm Celotex GA4000, line garage side with 50mm GA 4000, breather membrane and 2 layers of 12mm pb and skim for 30min fire protection and line kitchen side with vapour control layer and 12mm pb and skim.



Ground Floor 1:50



North Elevation 1:100 No changes



South Elevation 1:100 No changes

General Notes:

External Walls
Rebuild area of window alteration to rear wall in reclaimed stone to match the existing wall construction including stainless steel wall ties at the rate of 5/m² and continue the same insulation.

Openings in external walls:
Close cavities around openings in external walls and build in Dancor or similar insulated dpc. Lintel over openings with catnic insulated lintels with min 150mm end bearing, to suit wall thickness and spans.

Windows and doors
Windows to be high performance timber double/triple glazed with argon filled cavity and heat reflective coating to achieve a U-value not exceeding 1.4W/m²·K. Openings as shown on elevation.

Safety glass to all glazed doors and windows throughout, and new window frames to have 800mm² trickle vents.

Security

Reasonable provision must be made to deter unauthorised access to any part of the dwelling as outlined in the Building Regulations Approved Doc O.

All new windows and doors to have security locks Door sets and window frames should be mechanically fixed to the building structure in accordance with the manufacturers instructions.

Electrical

Additional wiring to be carried out and certified by a person under the competent persons scheme in accordance with Approved Document P of the Building Regulations.
All new works to be Part W compliant with new sockets 450mm and light switches 1200mm above finished floor level.

Fire Safety:

The alterations have no impact upon the existing means of escape or smoke detection.

Heating

Retain existing heating system and adapt to serve extension. Any alterations to be undertaken and certified by competent person with copy of certificate to be provided to Building Control prior to commencement.
New or replacement radiators to have thermostatically controlled valves and time and temperature controls.

Rev C 12.12.2023 - Update for Planning/Building Regs submission.
Rev B 20.11.2023 - Add indicative steelwork.
Rev A 13.11.2023 - Amend windows to East Elevation.

Proposals

PLANS & ELEVATIONS

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Scale 1:50 & 100 @ A2 Drawn MJB

Date Nov 2023 Ref. 23.17

Dwg No. P01 Rev. A

Copyright mboothdesign. All dimensions in millimeters unless otherwise stated. Dimensions for setting out in existing buildings are to be checked and verified on site.

Insulate between first floor joists with 150mm Rockwool tightly packed and fitted and underdrip ceilings with 2 layers of 12mm plasterboard and skim to provide 30min fire protection.

Form new window openings with sawn stone surrounds to match existing; lintel over with catnic insulated steel lintels, close cavities at reveals and cills and build in dancor or similar insulated cavity closers.
Sawn stone cills laid with slight falls to outer.

Form 550mm returns and rebuild reveals in 215 x 400 Class B Eng brickwork tied to existing wall.

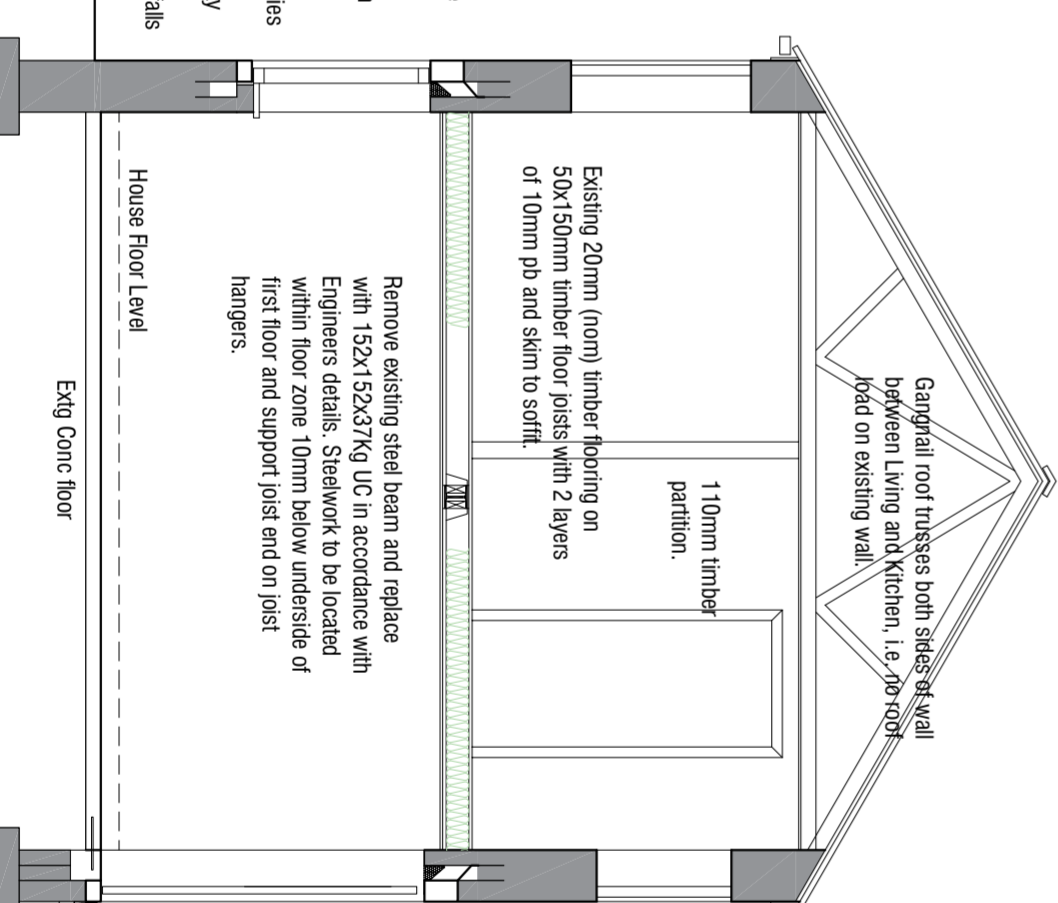
215 x 550 Class B Eng brickwork tied to existing wall as before.
Raise floor level in recessed kitchen area currently 120mm below with remainder with 70mm kingspan or similar and 50mm fibre-reinforced screed subject to further inspection.
2No 25x4146x37Kg UB supporting steelwork to be clad in 2 layers on 12mm pb and skim to provide min 30 min fire protection.

215 x 400mm conc padstone at both ends.

665
2440
Aco or similar channel drain connecting to existing rainwater gully in corner.

Sink to have 40mm dia waste and 75mm deep seal trap. Waste water from sink to discharge to external trapped gully and then by 100mm dia pipe to proprietary compact sewage pump such as Zoeller Z100 or similar with 50mm discharge pipe rising to outfall at existing combined foul manhole at MHT as shown on Site Plan ref: S03.

Section AA 1:50



Remove existing steel beam and replace with 152x152x37Kg UC in accordance with Engineers details. Steelwork to be located within floor zone 10mm below underside of first floor and support joist end on joist hangers.

Remove window opening, form garage door opening with sawn stone lintel with remedial cavity tray dpc above with stop ends and weep holes and vertical dpc to rear of lintel and insulate steel catnic lintel to support cavity wall above. Rebuild reveals in 7N/m² blockwork and build in vertical dpc's.

100x100mm stone cill laid with slight fall onto existing outer leaf and with vertical dpc linked to existing dpm at rear.
Infill between rear of cill and existing conc floor with 200mm deep concrete and tie to existing floor with 12mm threaded stainless steel tie bars at 450mm c/c

Remove window opening, form garage door opening with sawn stone lintel with remedial cavity tray dpc above with stop ends and weep holes and vertical dpc to rear of lintel and insulate steel catnic lintel to support cavity wall above. Rebuild reveals in 7N/m² blockwork and build in vertical dpc's.
100x100mm stone cill laid with slight fall onto existing outer leaf and with vertical dpc linked to existing dpm at rear.
Infill between rear of cill and existing conc floor with 200mm deep concrete and tie to existing floor with 12mm threaded stainless steel tie bars at 450mm c/c
Install Aco or similar linear channel drain on 100mm conc base with outlet to existing gully.