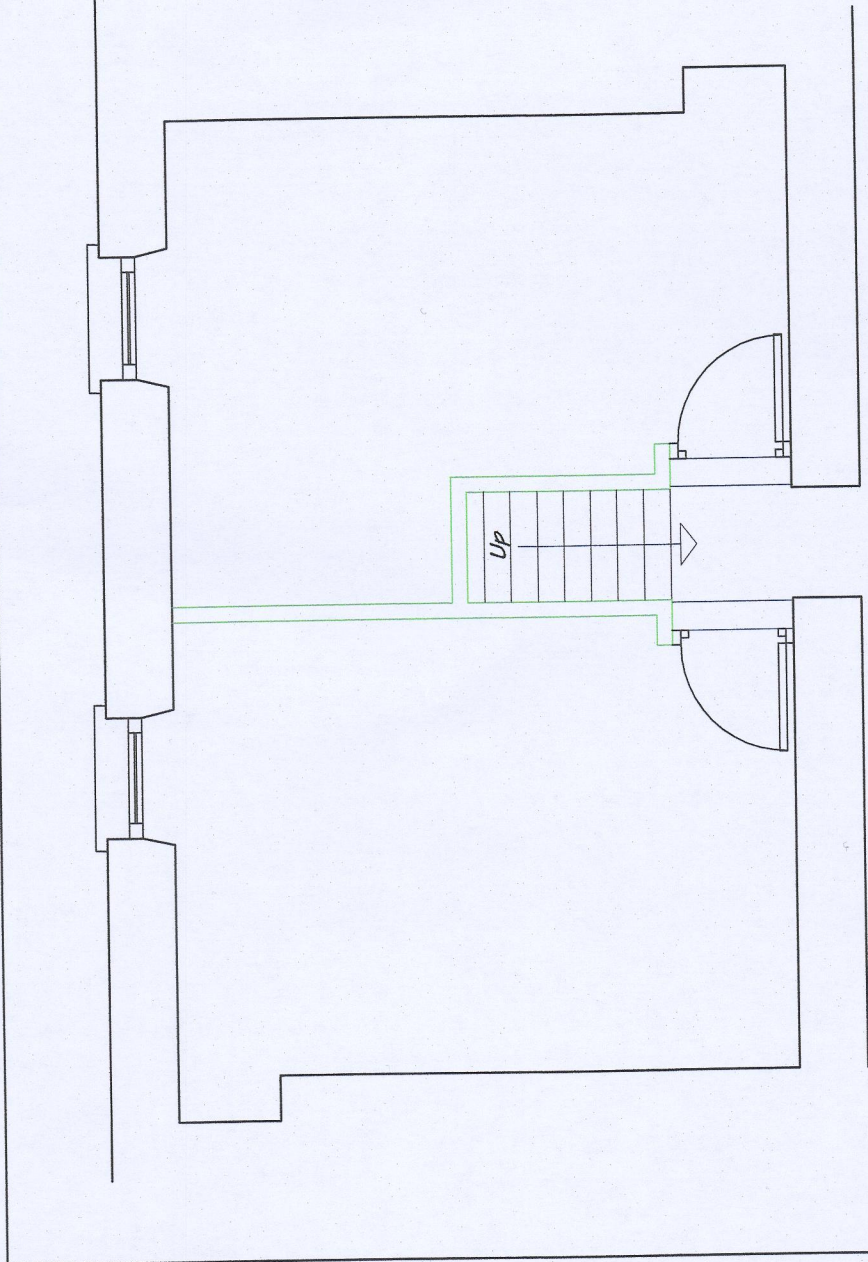




EXISTING FIRST FLOOR PLAN 1:50

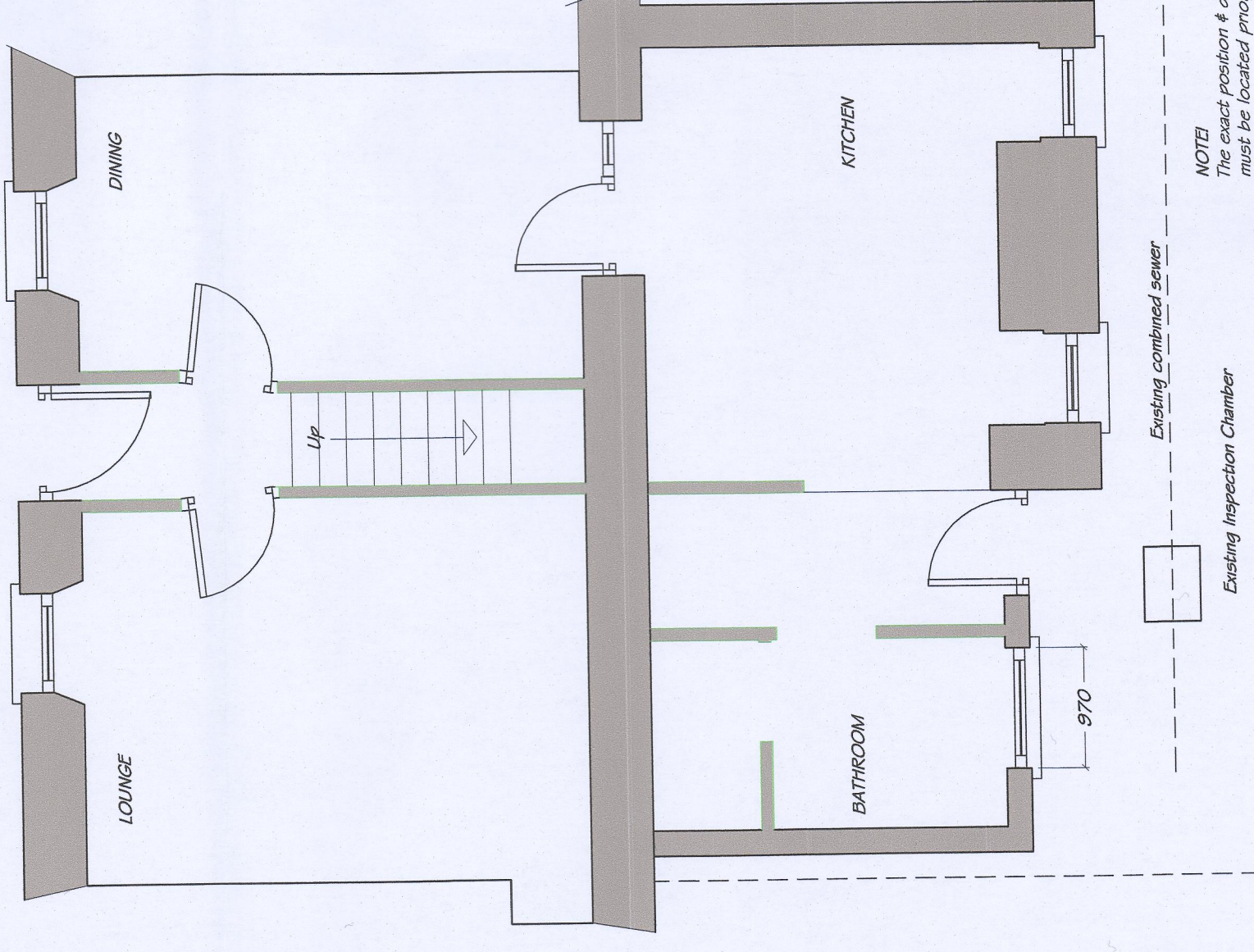
- NOTE
- If there is no loft insulation (or less than 200mm thick) then the existing must be increased to a thickness of 250mm. If the existing has 250mm of insulation it has not been removed or partially removed, it is not to be removed. If the existing has 250mm of insulation it has not been removed or partially removed, it is not to be removed. If the existing has 250mm of insulation it has not been removed or partially removed, it is not to be removed.
1. if the insulated jacket existing is not to be removed, add a further 100mm of insulation to the existing insulation.
 2. if the insulated jacket existing is not to be removed, add a further 100mm of insulation to the existing insulation.
 3. if the cylinder has factory fitted solid foam insulation less than 25mm thick, add an 80mm insulated jacket.

ABOVE GROUND DRAINAGE

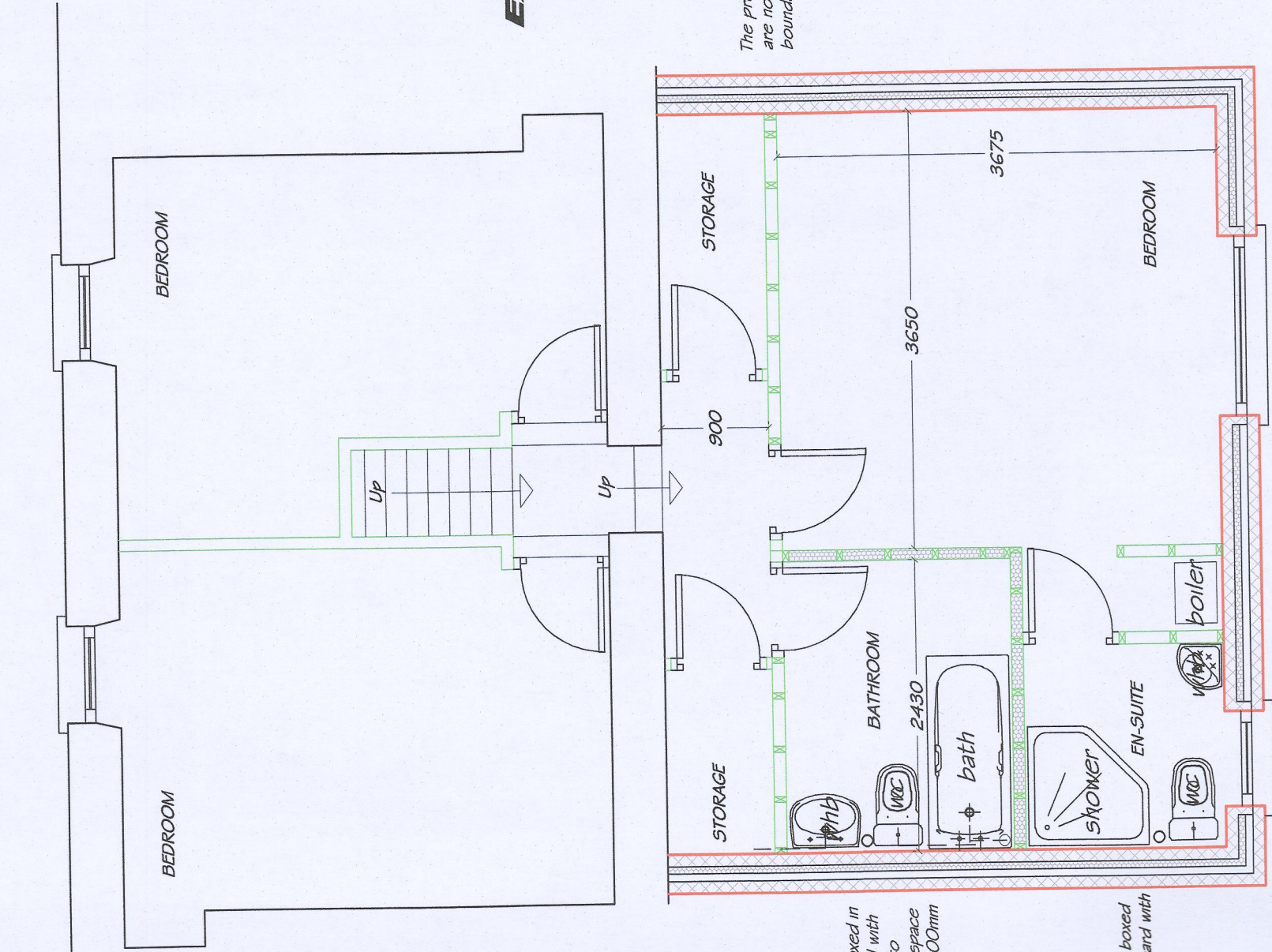
The minimum trap sizes and seal depths for appliances are as per the following table:-

	Depth of seal
Sink	40mm
Wash-hand	50mm
Bath	75mm
WC	100mm

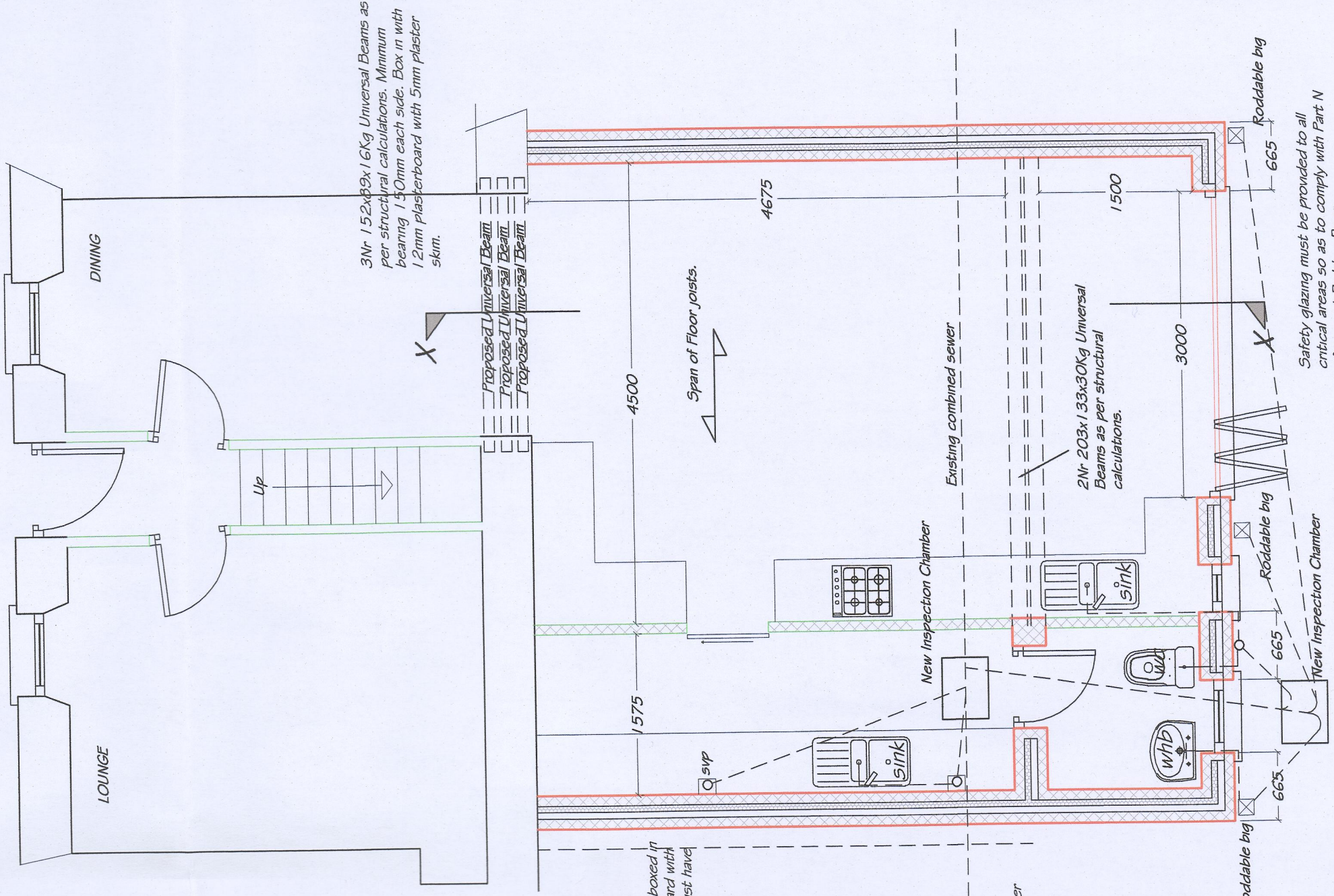
(100mm diameter waste bored in with 12mm plasterboard int. 5mm plaster skim.



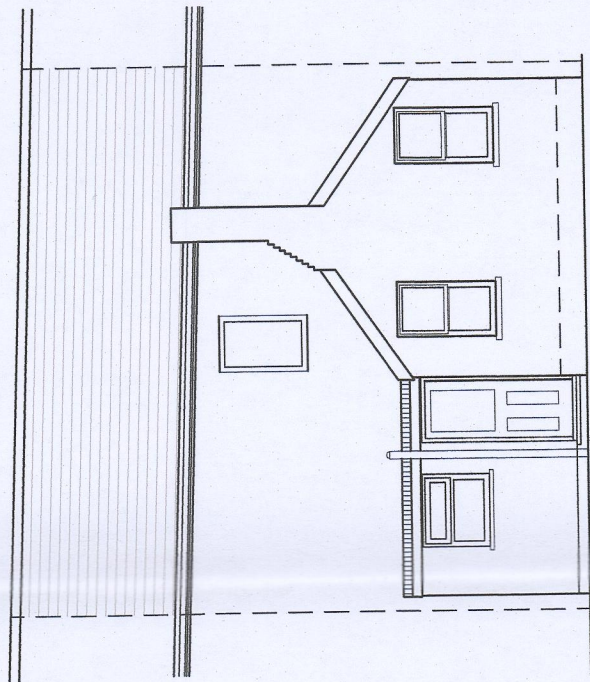
EXISTING GROUND FLOOR PLAN 1:50



PROPOSED FIRST FLOOR PLAN 1:50



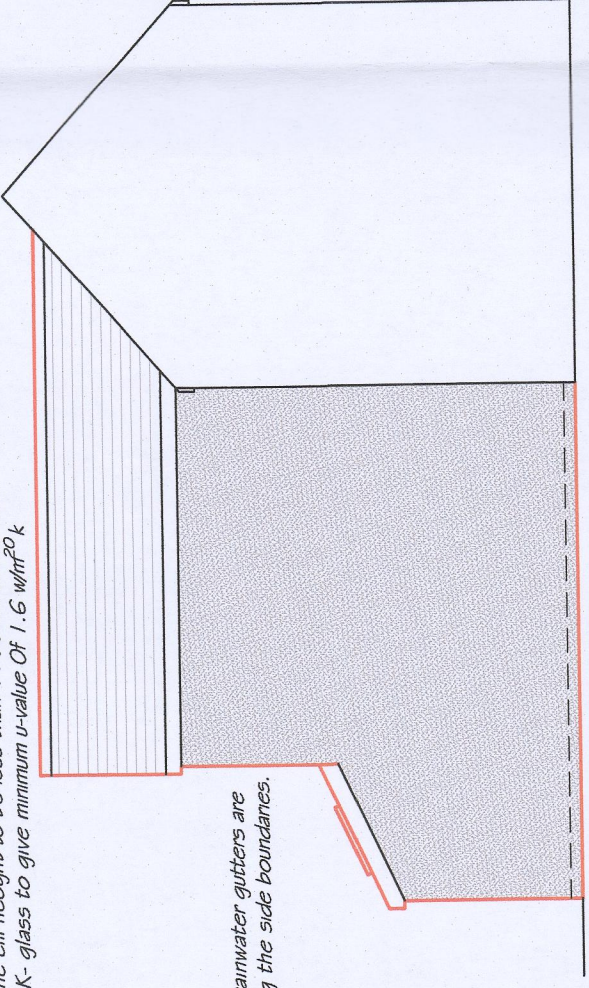
PROPOSED GROUND FLOOR PLAN 1:50



EXISTING REAR ELEVATION 1:100

WINDOWS

All windows to be double glazed. The design of rear bedroom windows to be 1800 x 1500mm, must be provided with a minimum U-value of 0.16 W/m²K. The call height to be less than 1100mm above floor level. Use K-glass to give minimum U-value of 1.6 W/m²K.



PROPOSED REAR ELEVATION 1:100

ROOF CONSTRUCTION

This will comprise of concrete interlocking tiles to match existing fixed in accordance with manufacturers' instructions. Those to be secured to 30 x 25mm treated roofing battens over insulating roof felt to 150mm above eaves. The roof slope shall be 1:12. The roof shall be finished with a 150mm thick concrete screed. The roof shall be finished with a 150mm thick concrete screed. The roof shall be finished with a 150mm thick concrete screed.

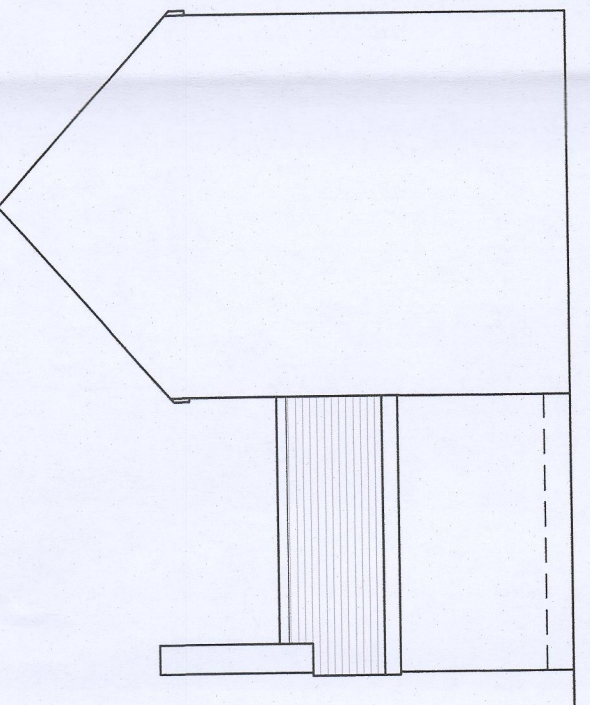
EXTERNAL WALLS

BELOW GROUND

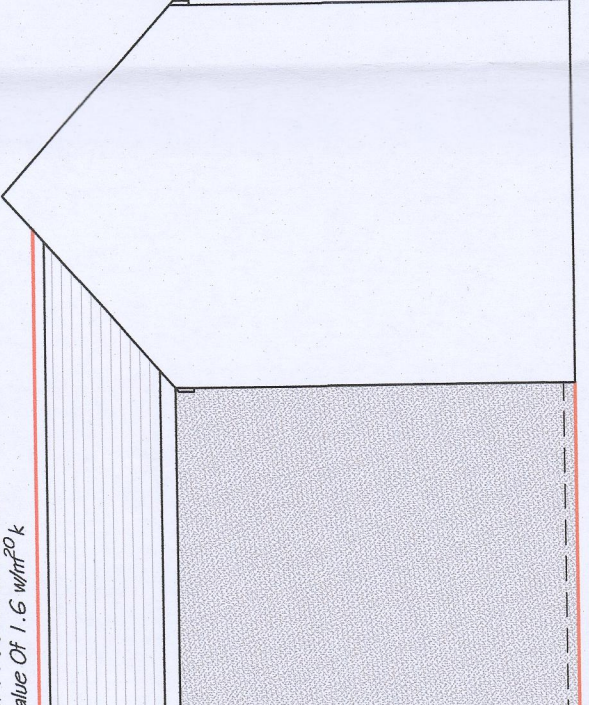
These are to consist of a 325mm cavity wall construction comprising of 100mm skin of 100mm blockwork, 125mm cavity with advanced or stainless steel wall ties spaced at 900mm c/c horizontally and 450mm c/c vertically and staggered. The internal skin is to be 100mm concrete block. All blocks used being approved for use in contact with ground. The wall shall be finished with a 150mm thick concrete screed. The wall shall be finished with a 150mm thick concrete screed.

ABOVE GROUND

These are to consist of a 325mm cavity wall construction comprising of an external skin of 100mm blockwork, 125mm cavity with advanced or stainless steel wall ties spaced at 900mm c/c horizontally and 450mm c/c vertically and staggered. The internal skin is to be 100mm concrete block. All blocks used being approved for use in contact with ground. The wall shall be finished with a 150mm thick concrete screed. The wall shall be finished with a 150mm thick concrete screed.



EXISTING SIDE ELEVATION 1:100



PROPOSED SIDE ELEVATION 1:100

FIRST FLOOR INTERNAL PARTITION

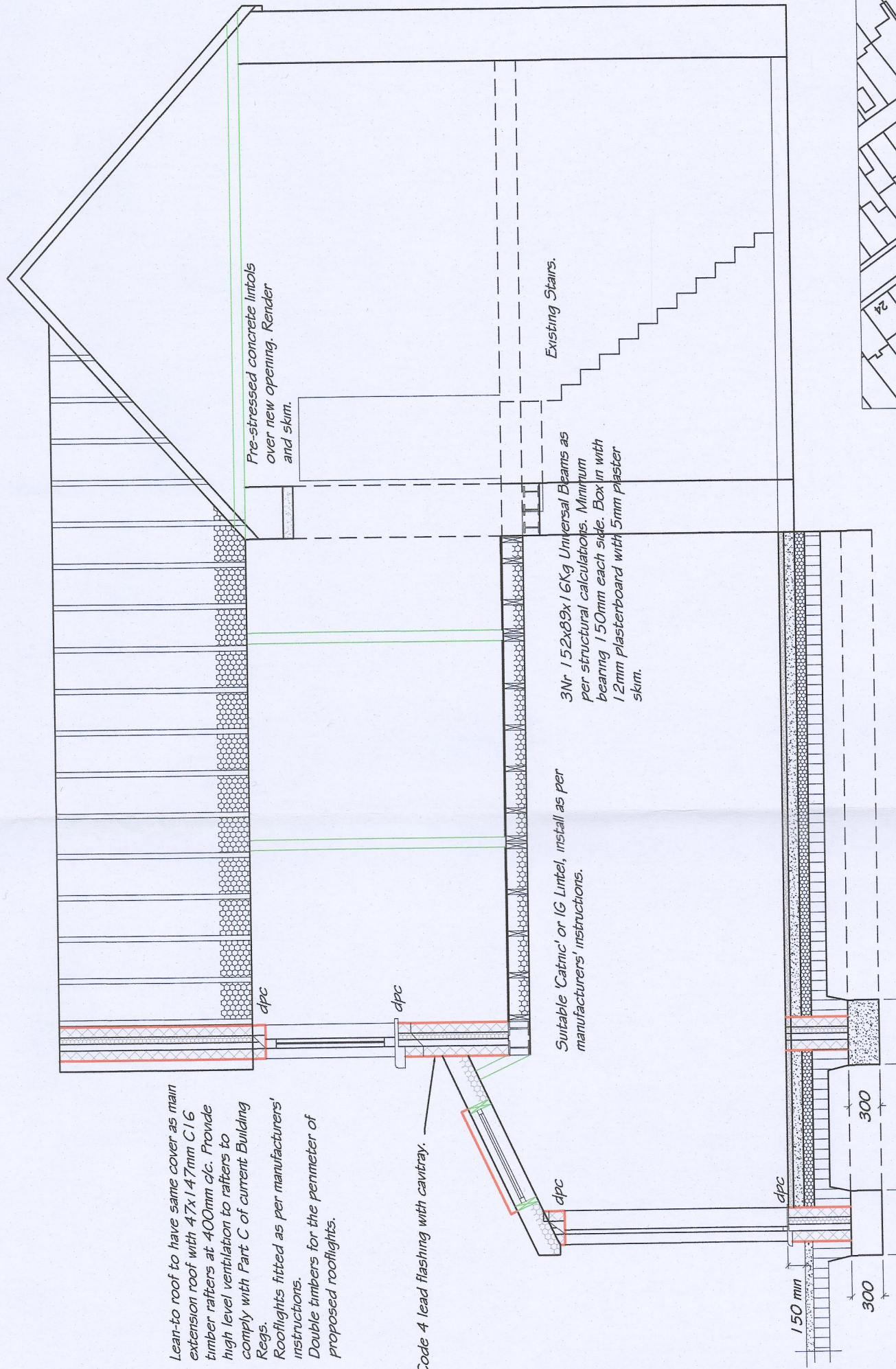
For 100mm dense concrete blockwork built off a 400mm wide C20 concrete starter course on both sides. The partition shall be 200mm deep. The partition shall be 200mm deep. The partition shall be 200mm deep.

WINDOWS AND DOORS

All windows and doors glazing to be double glazed. Use K-glass to give minimum U-value of 1.6 W/m²K. The call height to be less than 1100mm above floor level.

NOTES

All electrical work must be carried out by a person who is competent to do so and must comply with Part P of the current Building Regulations. A certificate signed by a competent person will be required.



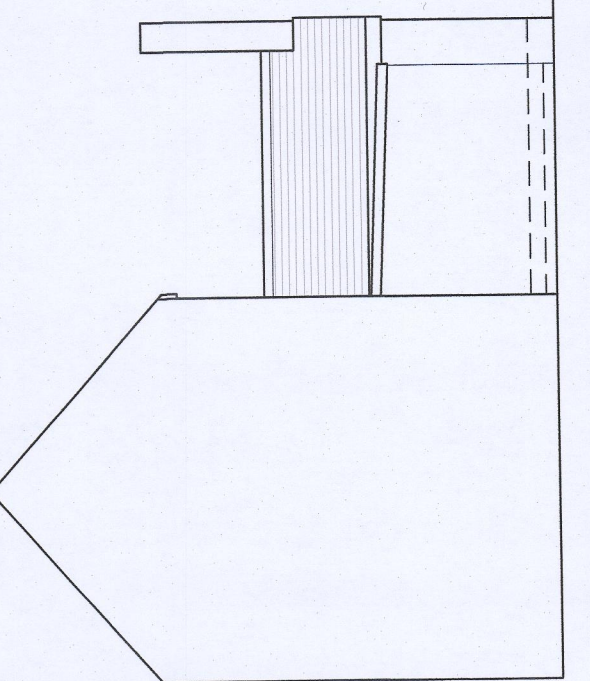
SECTION X-X 1:50

GROUND FLOOR CONSTRUCTION

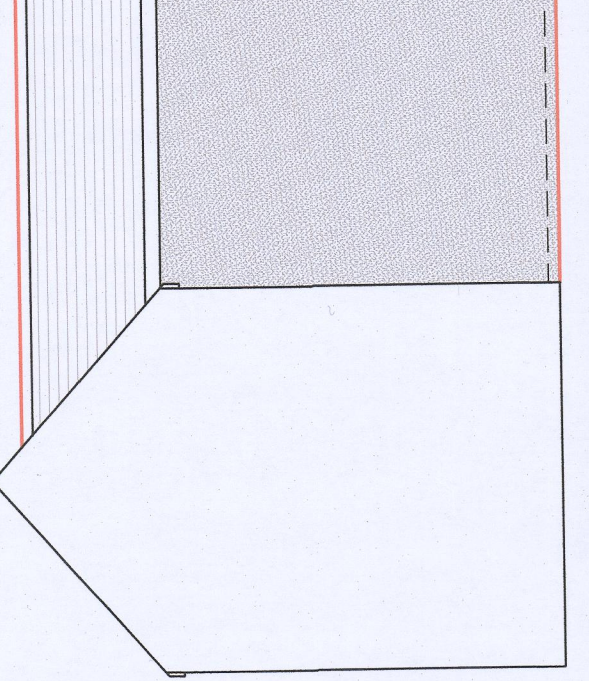
This is to comprise of 150mm thick 1:3 sand and cement screed on 100mm C20 concrete. The screed is to be finished with a 150mm thick concrete screed. The screed is to be finished with a 150mm thick concrete screed.

FOUNDATIONS

The foundations for the cavity wall construction are to be C20 grade concrete. The foundations are to be finished with a 150mm thick concrete screed. The foundations are to be finished with a 150mm thick concrete screed.



EXISTING SIDE ELEVATION 1:100



PROPOSED SIDE ELEVATION 1:100

VENTILATION

Habitable rooms

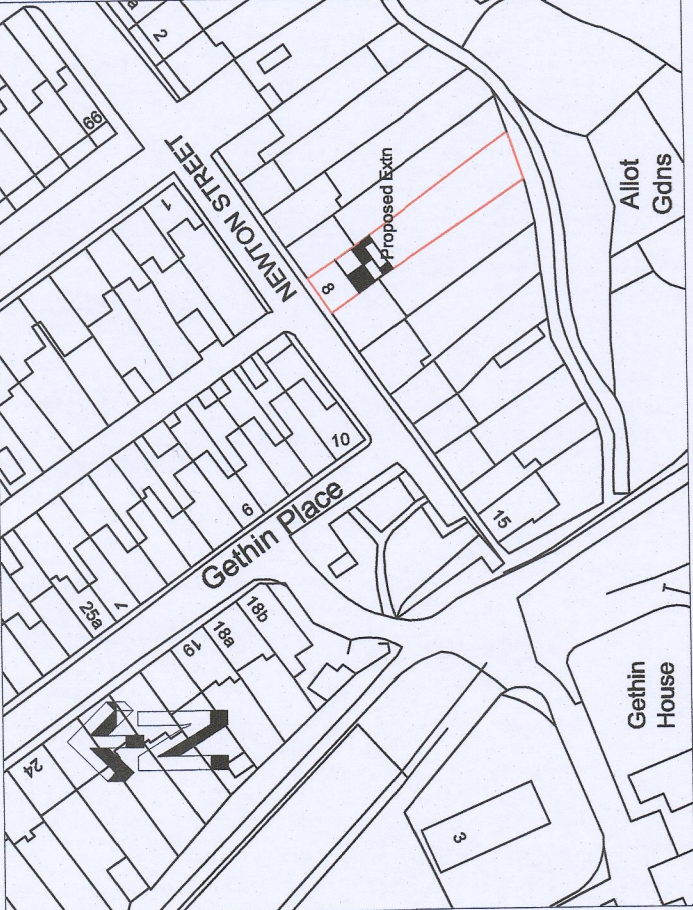
For rapid ventilation each proposed habitable room must have an openable area of at least 1.75m² above ground level. In addition background ventilation must be provided having an openable area of not less than 0.03m² above ground level. The openable area must be provided with trickle draughts or trickle ventilator.

Mechanical extractor fan capable of extracting 30 litres per second if the fan is located in a room with a volume of less than 30m³. The fan must be capable of extracting 30 litres per second if the fan is located in a room with a volume of less than 30m³. The fan must be capable of extracting 30 litres per second if the fan is located in a room with a volume of less than 30m³.

Bathroom area & En-suite

Provide a mechanical extractor fan capable of extracting 15 litres per second plus a secure vent having a minimum area of 400mm².

Smoke detectors to be provided in accordance with Part B1.



LOCATION PLAN 1:1250

AMENDED 30th November 2022

Date:

NOV 2022

Drawing Title:

PROPOSED PLANS, SECTION & ELEVATIONS/01

Project:

Client:

MR PAUL DUTTON

PROPOSED REAR TWO STOREY EXTENSION AT: 8, NEWTON STREET, ABERCANAID, MERTHYR TYDFIL