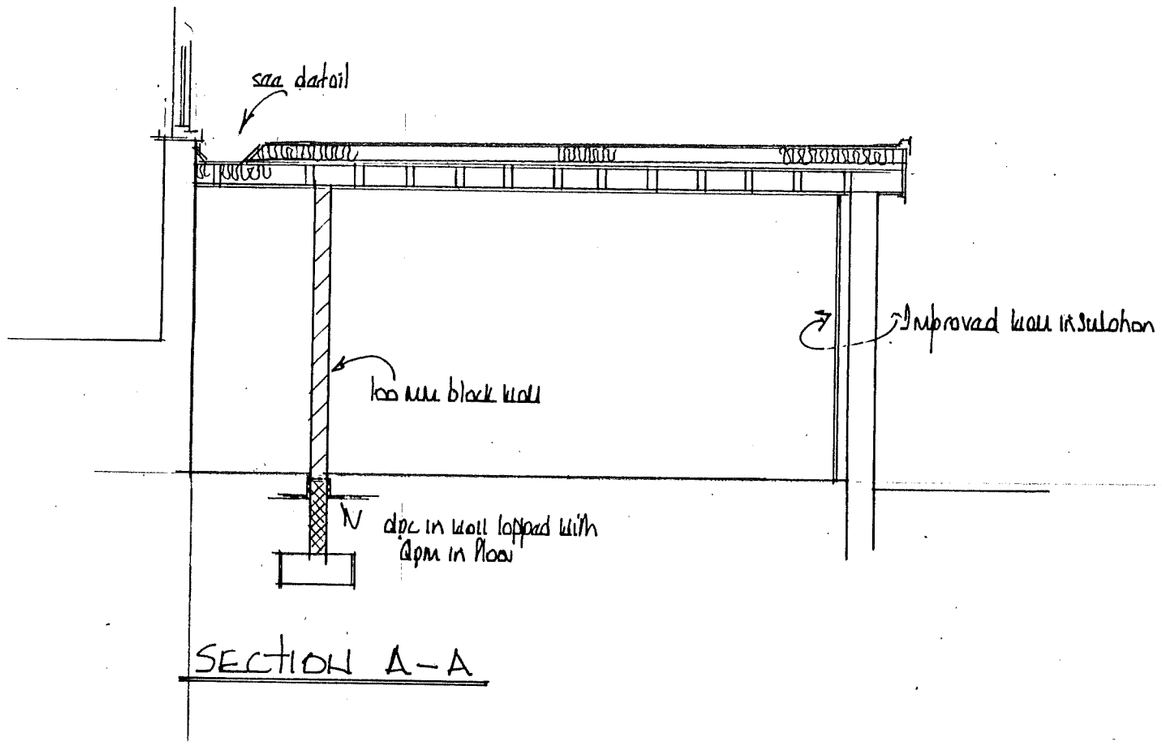
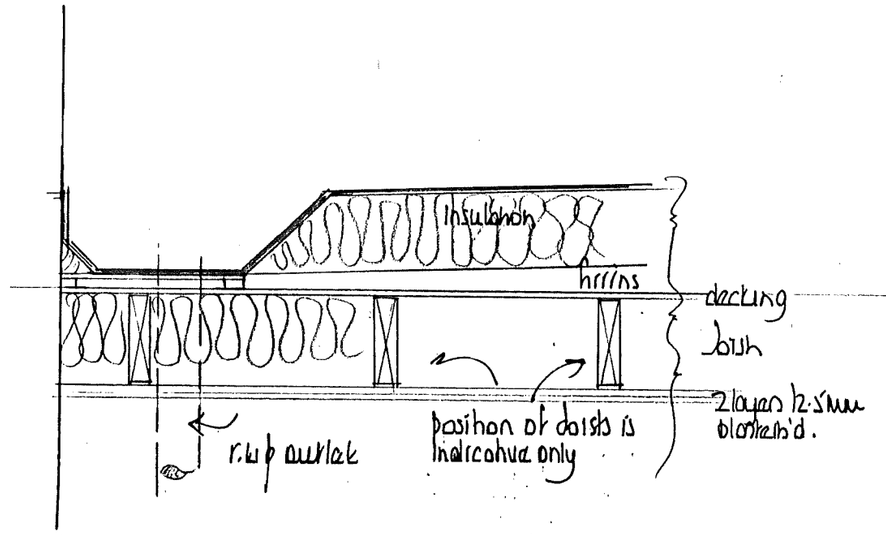
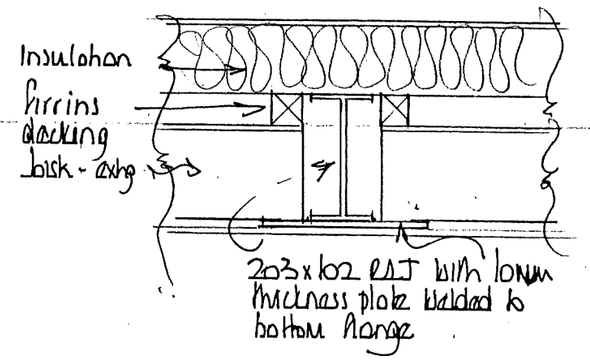
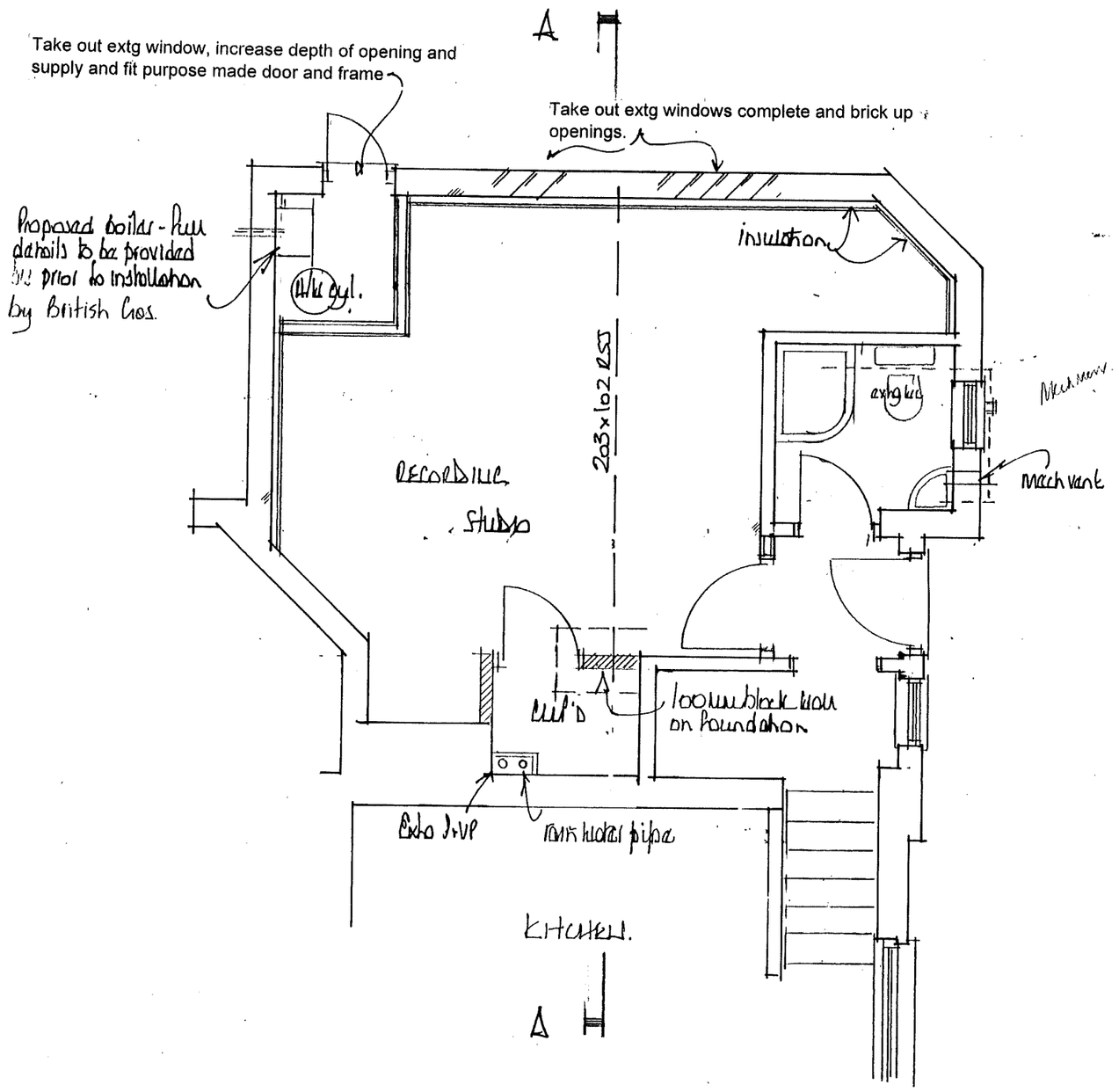


SECTION A-A



DETAIL OF BOUNDARY WALL EAVES





FOUNDATIONS

Foundations to be ST4 grade concrete

for 100mm wall foundation to be 600 x 230mm

Foundations to be taken down to a firm load-bearing strata, a min. 1.0m if in shrinkable sub soil, in accordance with the requirements of the Local Authority Building Control Dept.

IMPROVEMENT TO EXTERNAL WALLS

extg 215mm brick wall
100mm Celotex GA4000 insulation, joints taped to create VCL+Air leakage barrier
25mm cavity
25 x 47mm counter battens
12.5mm Gyproc wallboard
3.00mm plaster skim finish
U Value achieved = 0.18W/m²°C

FLAT ROOF CONSTRUCTION

Supply and lay High Performance felting system, 1st layer 3G vented, 2nd & 3rd layer Ruberoid SBS Sanded Fully bonded with hot bitumen including dressing felt to edges, drips, flashing, abutments (dressed 150mm up abutments) etc all as required. All detail work in high performance elastomeric felt. Final layer of felt to be coated with gritting adhesive and chippings set in.
130mm Thermaroof TR26 insulation
Polythene vapour control layer
Plywood decking
Firrins to give a fall of 1 : 80
Extg t & g decking
Extg 150 x 47mm joists
2 layer 12.5mm plasterboard, taped joints and skim finisjh.

VENTILATION

WC/shower room to be mechanically ventilated direct to the external air. The capacity of the extractor is to be 15 litres/sec.

The door to sanitary accommodation is to have a gap at the bottom of 10mm above floor finish or 20mm above the floor boards

The recording studio is to be mechanically ventilated direct to the external air at whichever of the following will provide the higher total rate.
a. 10 litres per second per person.
b. 1 litre per second per m2 floor area.

DRAINAGE

Surface

Rainwater pipes to discharge to same current discharge points.

Foul

The wc is a replacement in same position

Install 40mm diam. pvc waste to shower, 32mm diam. pvc waste to hand basins all with 75mm deep traps. All waste pipes to have rodding access at each change of direction and be readily accessible throughout their length

Waste pipes to discharge to extg gully

EAST MIDLANDS DESIGN ASSOC.

Architectural Consultants

Willow Lodge
Horseshoe Road
Spalding
Lincs
PE11 3JA

Tel :- 01775 767968
E:mail :- willowlodge@talktalk.net
Mobile 'phone :- 07710 815044

Client
Mr M Benjamin

Project
To form a recording studio within Mercia Lodge
65 Pinchbeck Road,
Spalding
PE11 1QF

Drawing
Plan, section & details

Scale
1 : 50 & 1 :10

Date
May 2023

Drawn
AL

Dwg No.
1217/05

Rev