Conversion of a Barn into a 2 Bedroom House with a single story extension . 6A St Thomas Rd. Spalding

Specification
All methods and materials used in this build must comply with current Building regulations.

The joining of Sections A to B
The new section is to be tied to the old in such a way that any possible settlement causes minimal problems.

Superstructure Walls (Section B-B')
All exterior walls to consist of cleaned old, recovered bricks outside and 'Thermalite' bricks inside.
100mm. Insulation to be attached inside the build.
Leaves to be tied together with SS Ties (220mm vertical twist) at 900mm horizontal and 450mm vertical reducing to 225mm at openings.
Weep holes to be inserted into the cavity above lintels.

Doors and Windows
All to be of wood construction. Please see illustrations on Drawing Appendix 1.
All windows on the ground floor are to be 1 m^2 double Glazed. On the 2nd floor they are reduced to 0.75m^2 in deference to the neighbourhood.
All doors are to be 80mm wide and 1.981mm in height. .

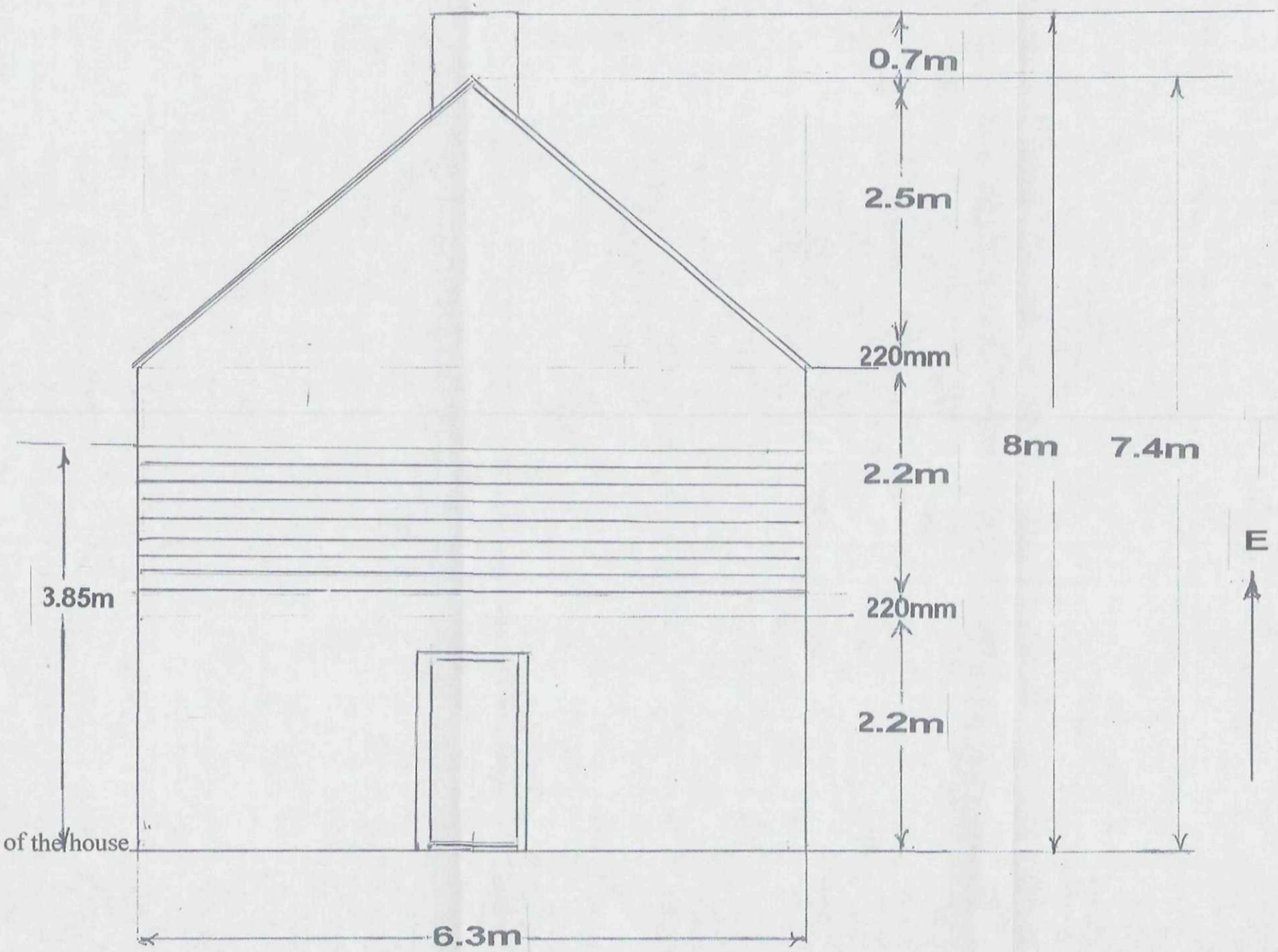
Dimensions.
All drawings, unless otherwise stated, are 50:1.

Joists and roof trusses

Ceilings
To consist of 12.5mm plasterboard fixed to joists.
The joists to be 175 x 75mm timber at 40mm centers with ***100mm insulation between the joists*** and above the joists covered with 18x600x2400mm T&G Chipboard. Lead flashing to cover join of tiles and brickwork.
'Breatherfelt' beneath all tiles.

Drainage and Sewerage

Bathroom 2
The waste water from this bathroom is to be run to the front of the house by way of the loft space above the extension.



Side Elevation

Refs.	H16-0264-12 B16-0091-15	Title
Drw for	Ms K Crewe	Side Elevation (viewed from garden)
Drw No.	PJC 04	
Dwn by	Peter Crewe (Agent)	peter@petercrewe.com
Date	01/03/15	Scale 50:1