

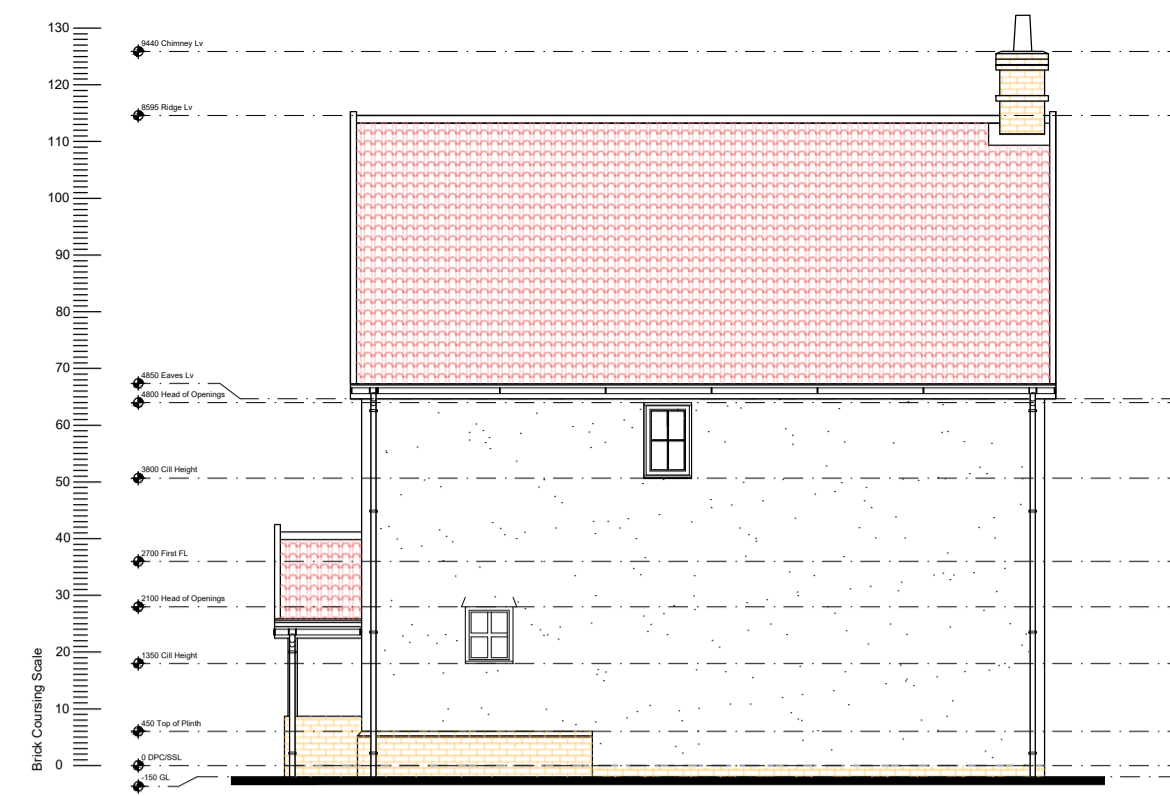


Front Elevation

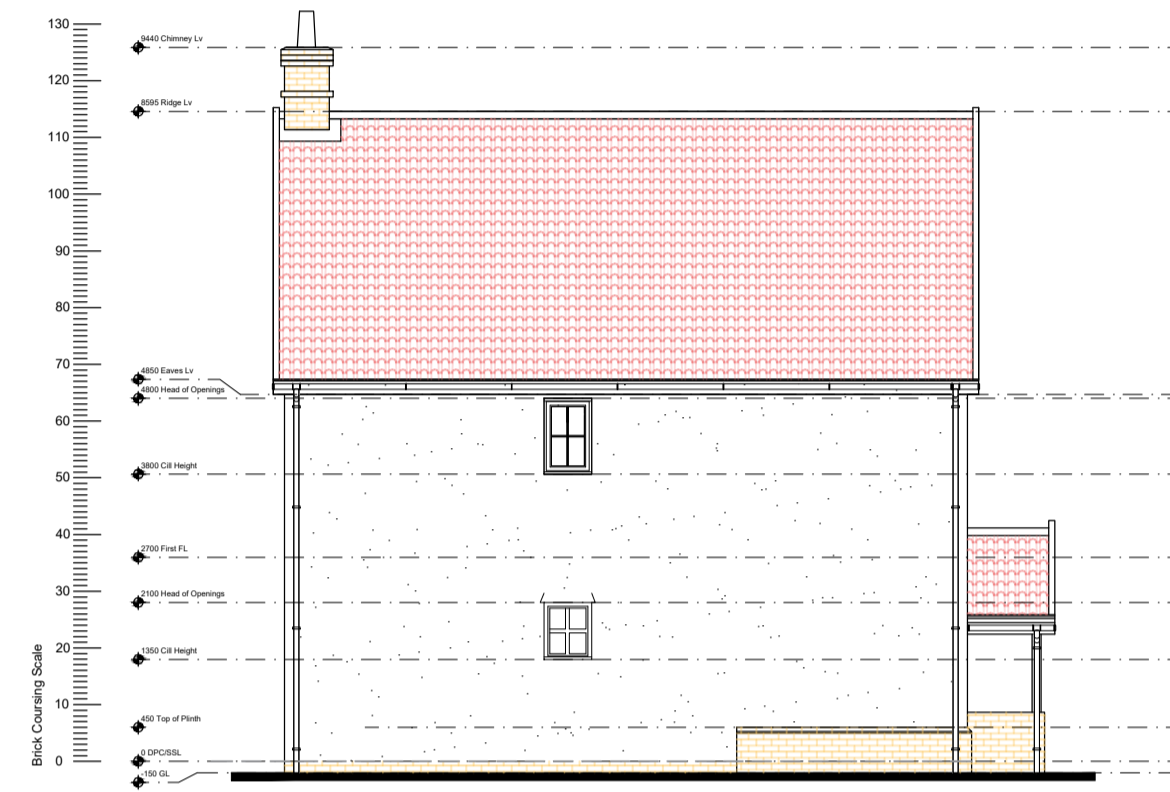
Scale 1:100



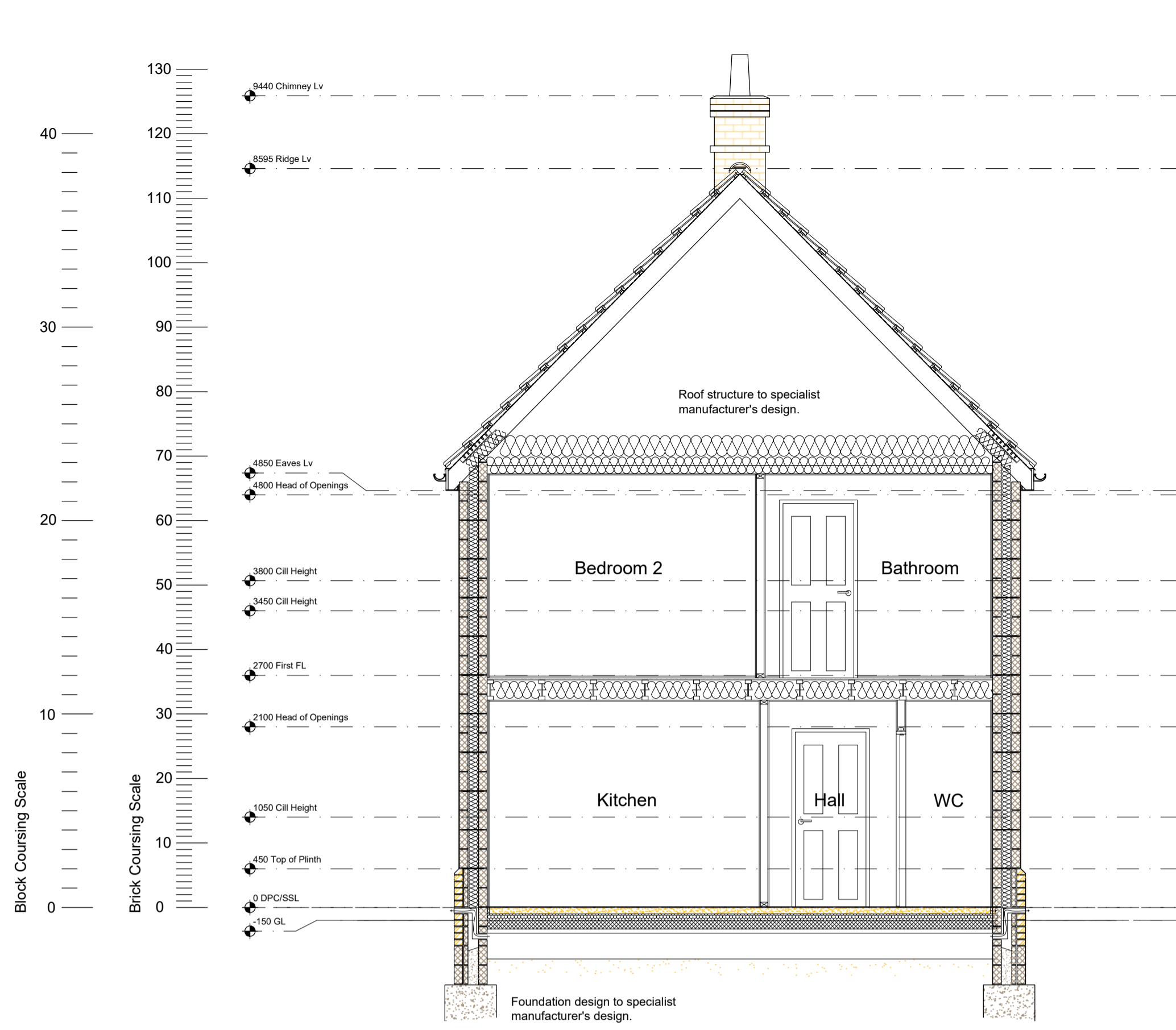
Rear Elevation



Side Elevation

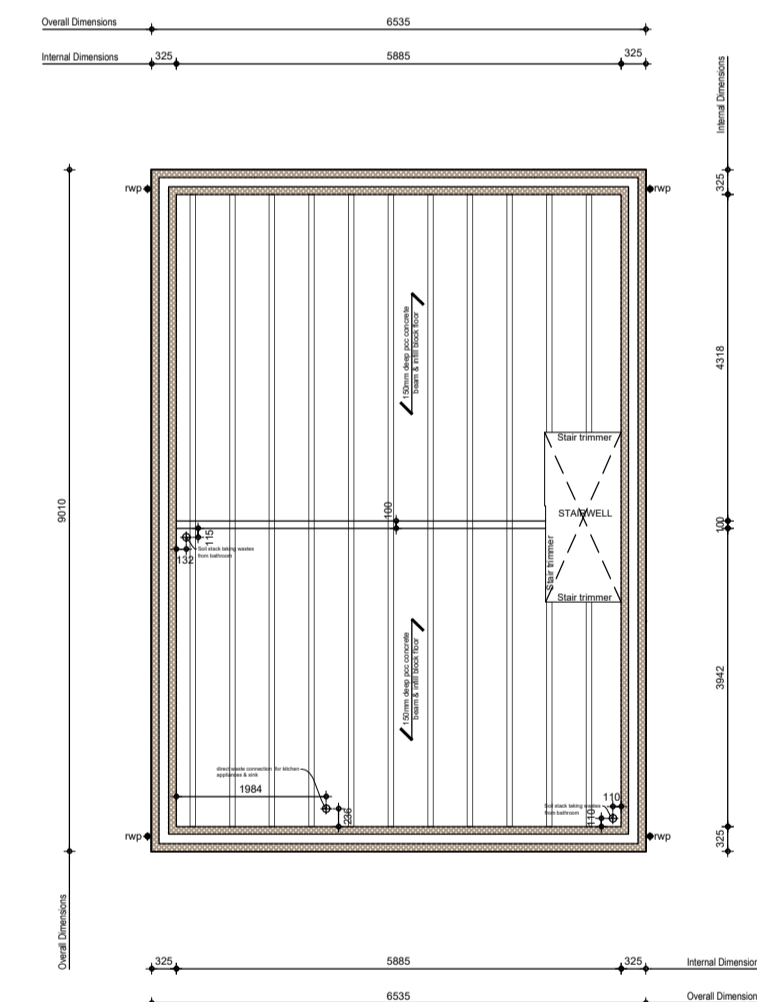


Side Elevation



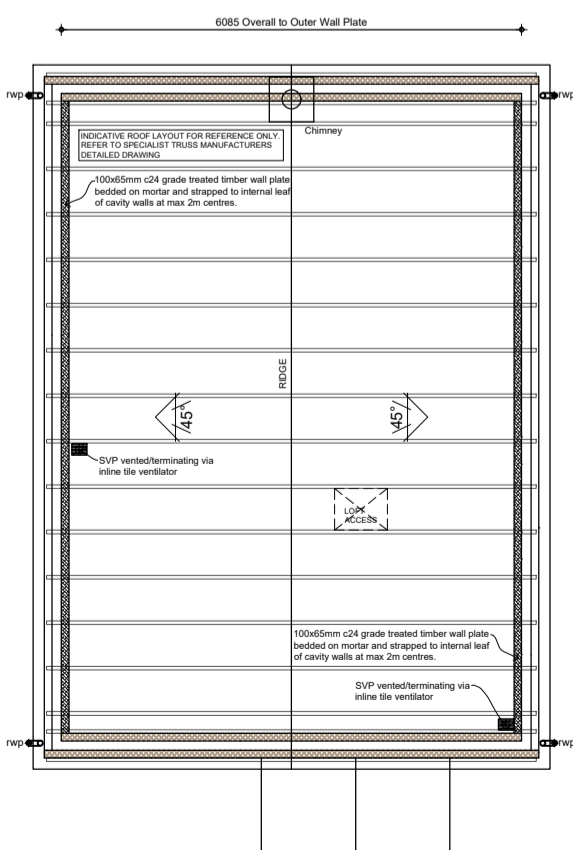
Section A-A

Scale 1:50



First Floor Joist Layout Plan

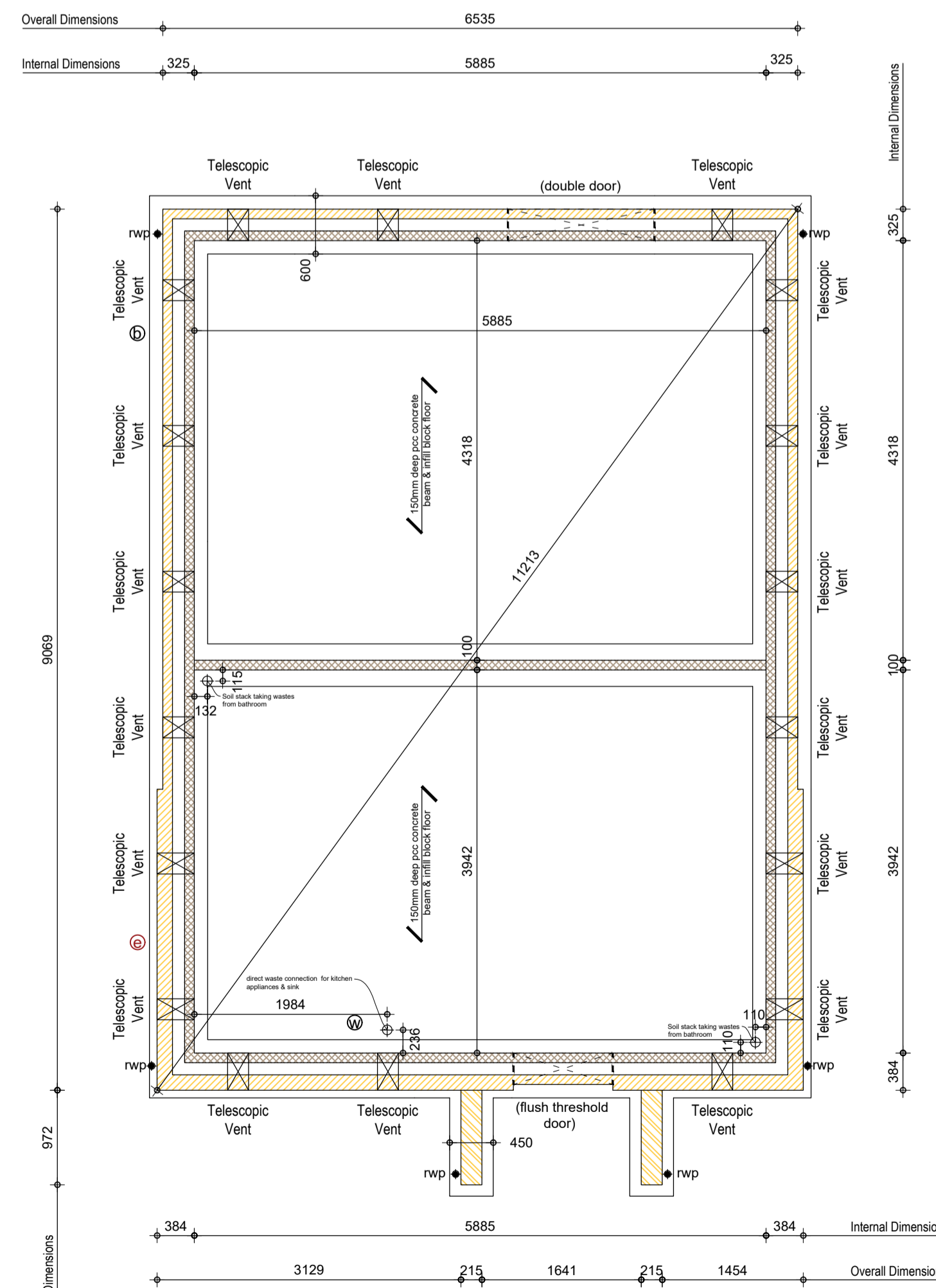
Subject to special design by others



Roof Plan

Subject to special design by others

Scale 1:100



Substructure Plan

Scale 1:50

Strip Foundations:

- Any discrepancies found on this or any other drawings are to be reported to and resolved by the architect before the commencement of any work relevant to the discrepancy.
- Foundations to be taken down to an assumed bearing strata capable of supporting 150kN/m<sup>2</sup>. To be confirmed on site and to the satisfaction of the building control officer.
- All new foundations to be taken down through all disturbed material with localised deepening where necessary to achieve previous item (2 above) bottoms of excavations to be trimmed. Levelled and protected from rain and kept free from water.
- All foundation excavations are to be checked and approved by the building control officer.
- Sleeper walls to be constructed using frost resistant 7.0N/mm<sup>2</sup> blockwork with Type (i) mortar. Provide sub-floor ventilation as shown.
- All foundation widths are minimum widths required. The main contractor or structural engineer may wish to increase these to allow for building tolerances.
- All foundations to be concentric about overall structural wall centreline.
- All walls to be set out as shown on this drawing and in accordance with overall site setting out drawing.

Denotes span of 150mm thick precast concrete beam & block ground floor slab to specialist manufacturers design

Denotes 100mm medium density concrete blockwork sleeper wall below ground floor slab: Tarmac Hemelite 7 blockwork, 7.3N/mm<sup>2</sup> compressive strength, 1450kg/m<sup>3</sup> gross dry density, 0.47W/mK thermal conductivity, Class A1 reaction to fire

Denotes telescopic ventilators to external walls at maximum 1.8m centres to vent void beneath suspended floor slab. Provide plastic air bricks only to sleeper & separating wall at max 1.8m centres to allow for cross ventilation of void beneath suspended floor slab.

Incoming main locations, (water, electric & BT)

All dimensions to be verified on site by Main Contractor before the start of any shop drawings or work whatsoever either on their own behalf or that of sub-contractors. Report any discrepancies to the Contract Administrator at once. This drawing is to be read with all relevant Architect's and Engineer's drawings and other relevant information.

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NOTES:

DRAWING LEGEND

**100mm block with 25mm K-render finish:**  
Thermalite Aircrete Turbo blockwork, 2.9N/mm<sup>2</sup> compressive strength, 470kg/m<sup>3</sup> gross dry density, 0.11W/mK thermal conductivity, Class A1 reaction to fire. Refer to Construction Specification for exact wall construction.

**100mm lightweight concrete blockwork:**  
Thermalite Aircrete Turbo blockwork, 2.9N/mm<sup>2</sup> compressive strength, 470kg/m<sup>3</sup> gross dry density, 0.11W/mK thermal conductivity, Class A1 reaction to fire. Refer to Construction Specification for exact wall construction.

**Timber stud partition system**  
89mm timber studs @ 400mm Centres, Isover CSW 32 mineral wool insulation between studs with 1 layer of 12.5mm Gyproc Wallboard each side. Tape and seal junctions in boards with 3mm skim coat finish.

**cavity wall insulation**  
125mm Dritherm 32 Cavity Slab insulation.

**cavity wall ties; external cavity walls**  
Ancon Staifix HRT4, type 2, wall ties at 900mm horizontal and 450mm vertical centres (5no. per m<sup>2</sup>). Close up vertical centres to 225mm around openings.

**external movement joint:**  
10mm continuous vertical movement joint with Ancon PPS, 225mm steel wall ties at 450mm vertical centres. Ensure one end of movement joint is de-bonded in bed joint, using either proprietary de-bonding sleeve or building paper. Pack vertical gap as work progresses using proprietary flexible filler board and seal externally using BASF Masterflex 472 chemical sealant, colour to match brickwork.

**soil vent pipe**  
110mm polypropylene waste pipe, routed through roof void and terminating through half round ventilated ridge vent tile. pipework to be insulated in roof void and fitted with condensation trap

**soil stub stack**  
110mm polypropylene waste pipe terminating min. 1m above ft. using air admittance valve.

**rain water pipe**  
68mm diameter FloPlast uPVC down pipe bracketed off wall using pvc brackets at max. 1.8m centres. Colour: black

**notes:**  
Dimensions shown taken from structure to structure, no account has been made for surface finishes.

Kitchens, Utility, Bathrooms and Ensuite shown indicatively, client to provide kitchen unit and sanitary layouts at later date.

DRAFT

C1	06.11.19	Draft Issue	KJD	DAG
Rev:	Date:	Description:	Chk:	Apr:

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Norwich Road  
Besthorpe

Drawing Title:  
House Type B  
Elevations, Section & Substructure

Client:  
Mr & Mrs Panter

Scale:  
As Indicated

Date:  
06.11.19

Project Number:	Drawing Number:	Revision:
127-19 - 1206		C1

Construction