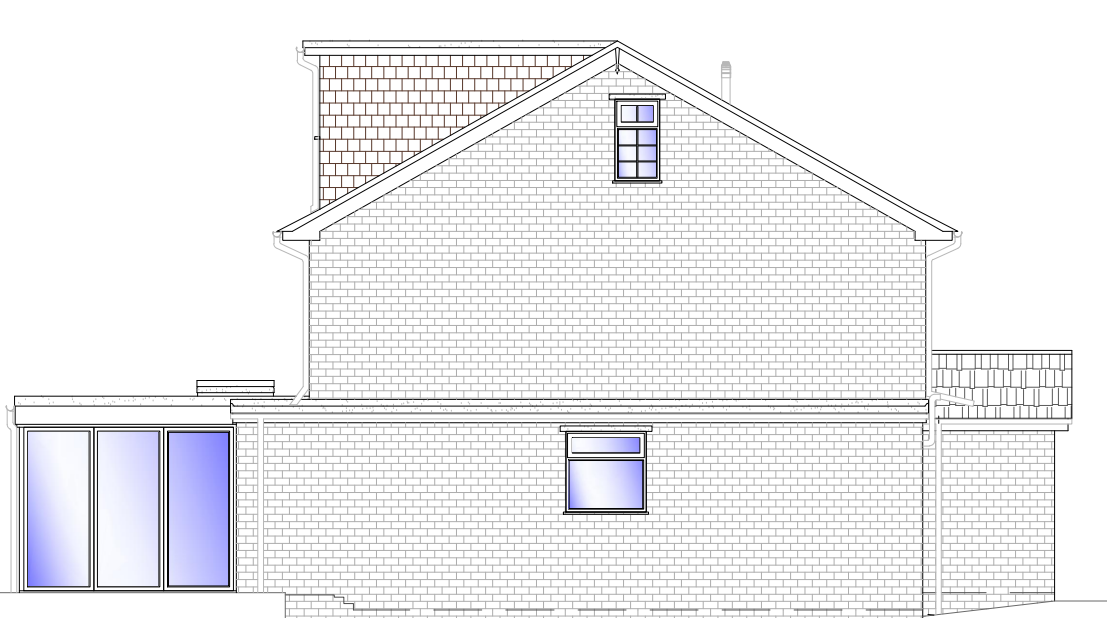
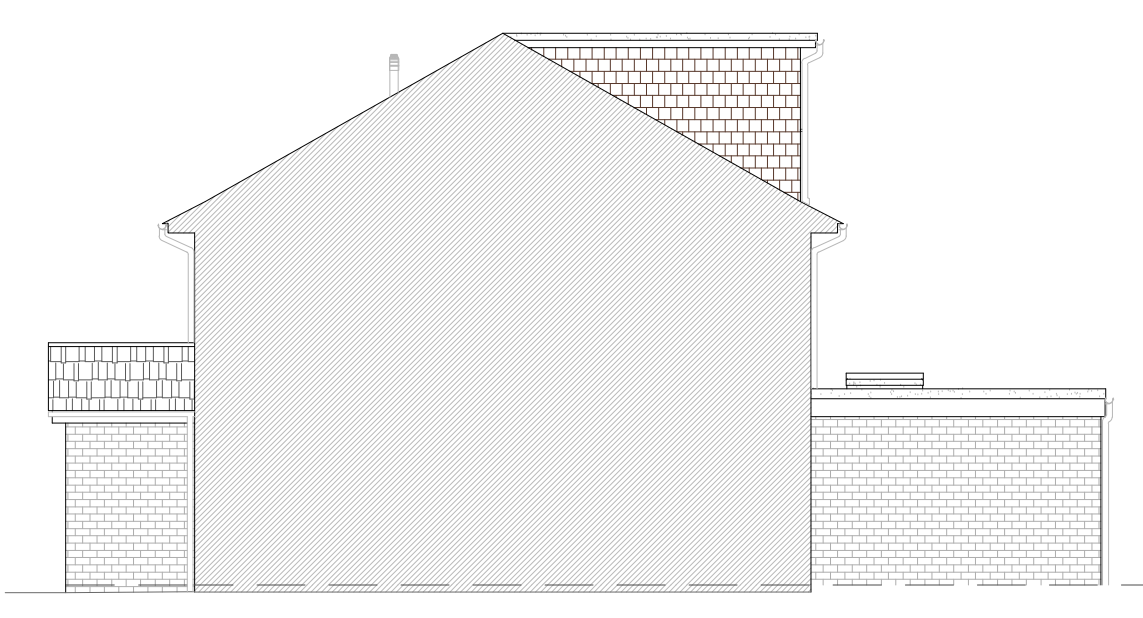




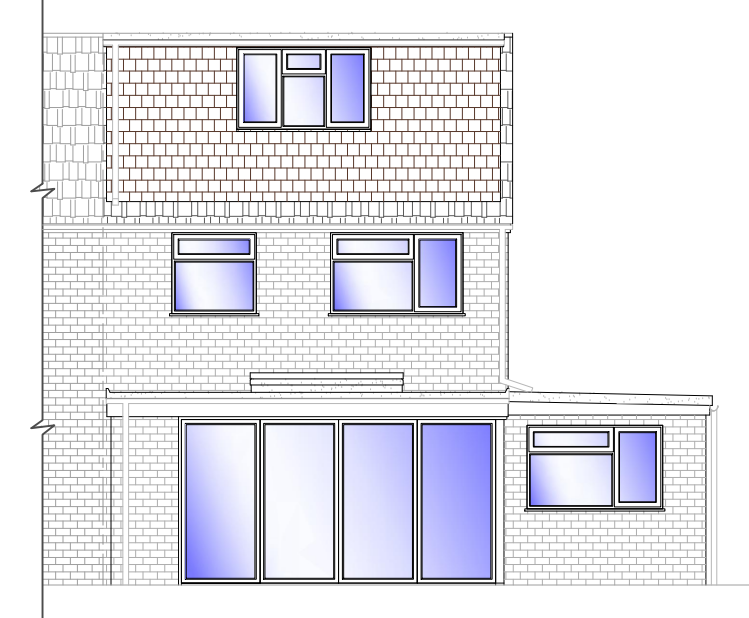
1 EXISTING SIDE ELEVATION
1:100



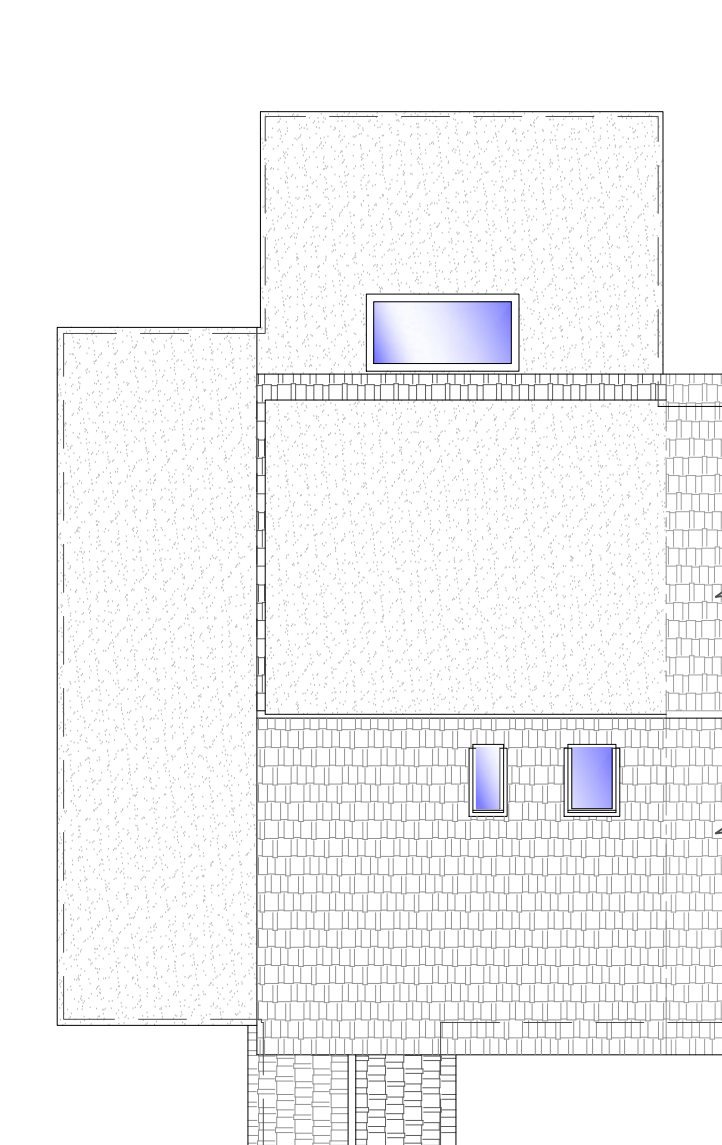
2 EXISTING FRONT ELEVATION
1:100



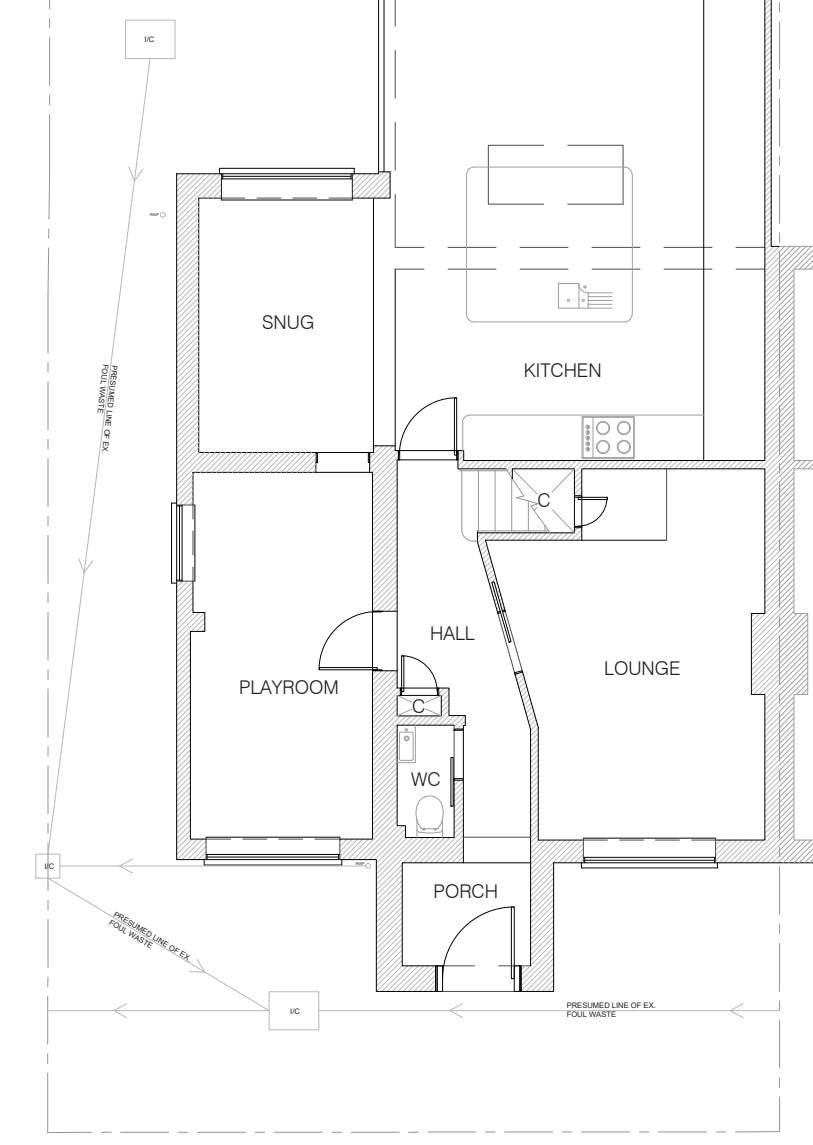
3 EXISTING SIDE ELEVATION
1:100



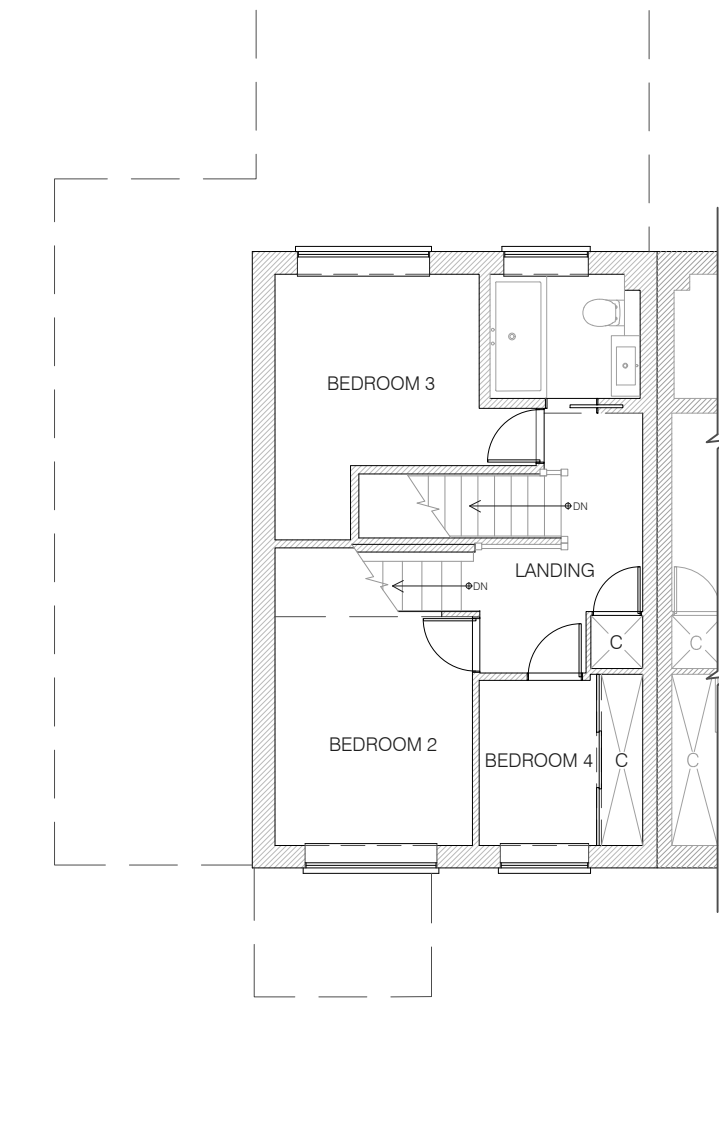
4 EXISTING REAR ELEVATION
1:100



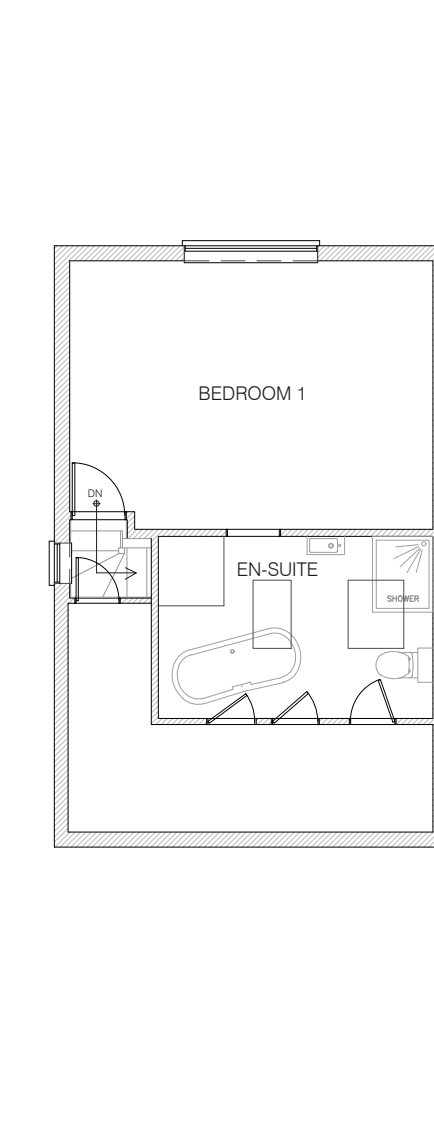
5 EXISTING ROOF PLAN
1:100



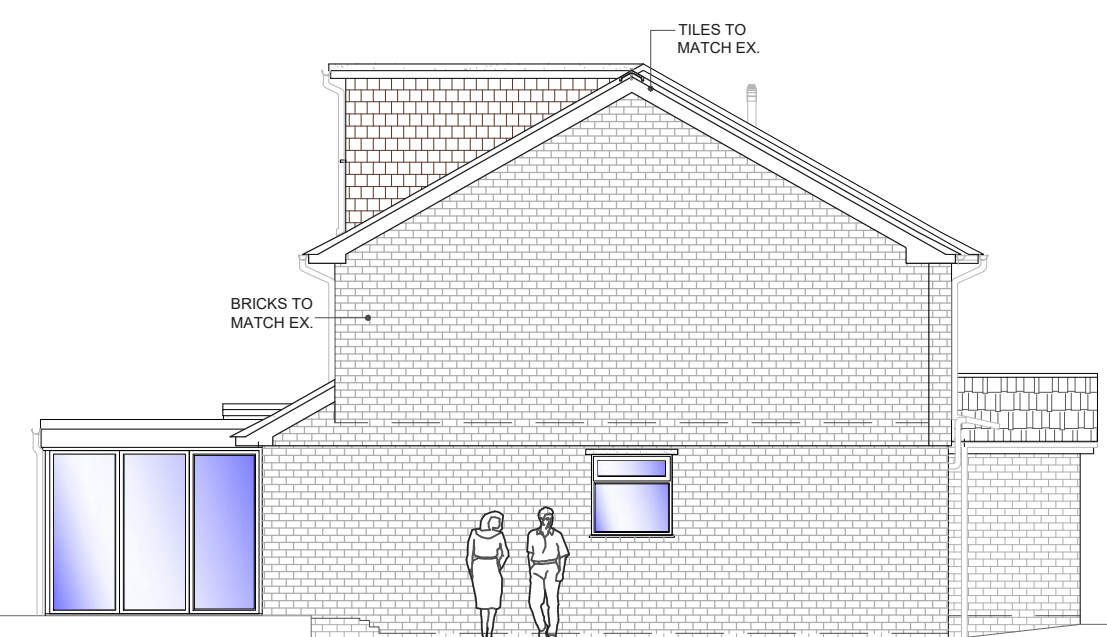
6 EXISTING GRD FLOOR PLAN
1:100



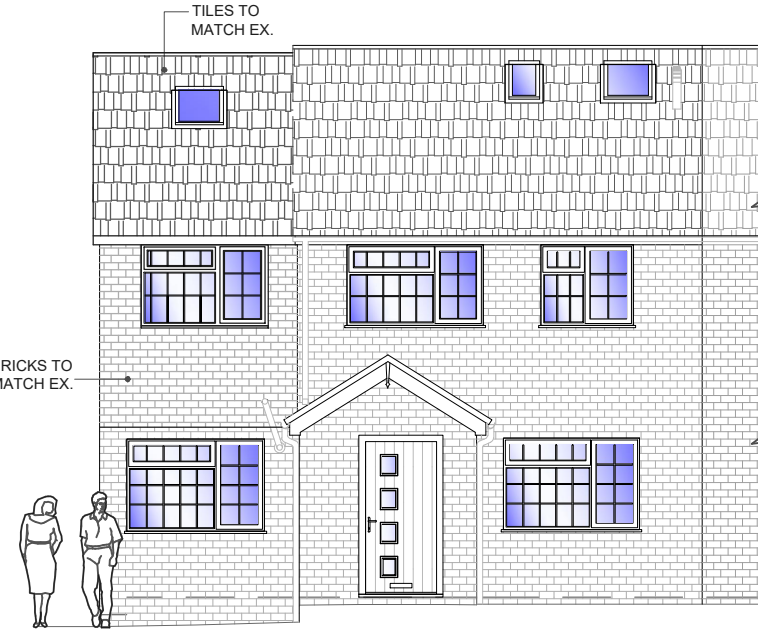
7 EXISTING FIRST FLOOR PLAN
1:100



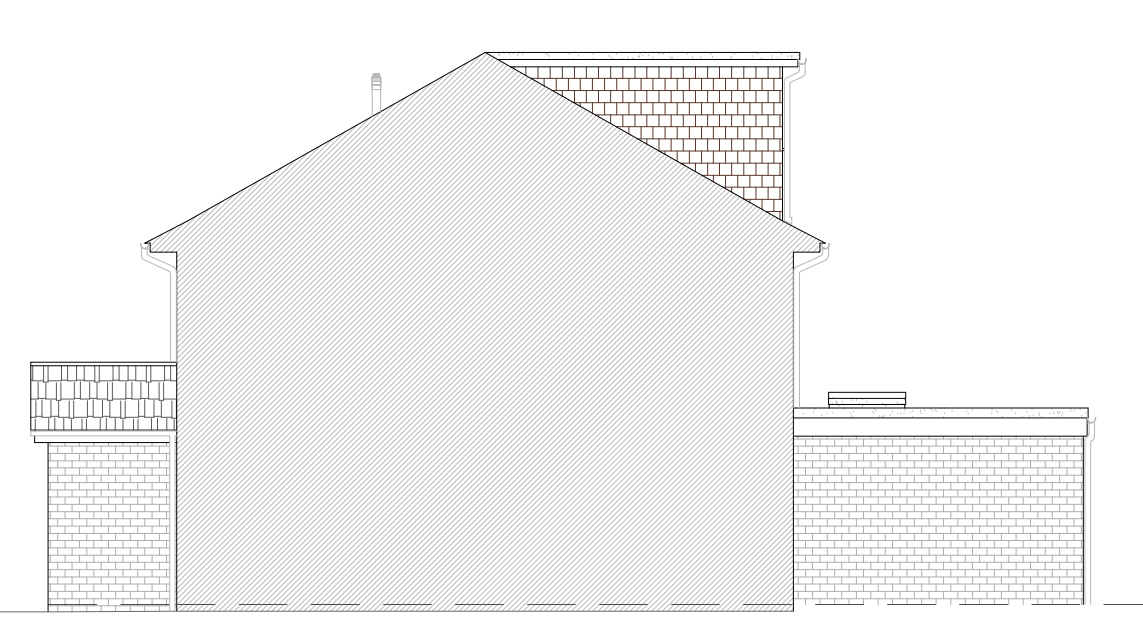
8 EXISTING SECOND FLOOR PLAN
1:100



9 PROPOSED SIDE ELEVATION
1:100



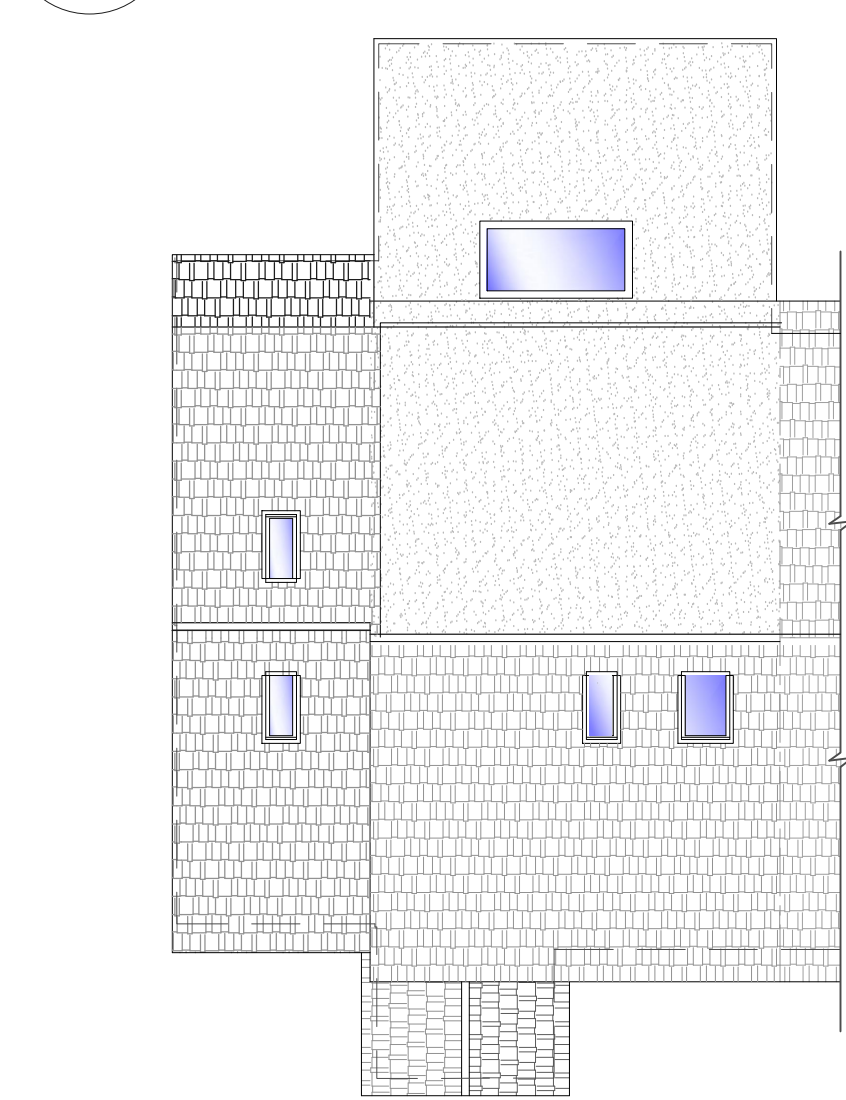
10 PROPOSED FRONT ELEVATION
1:100



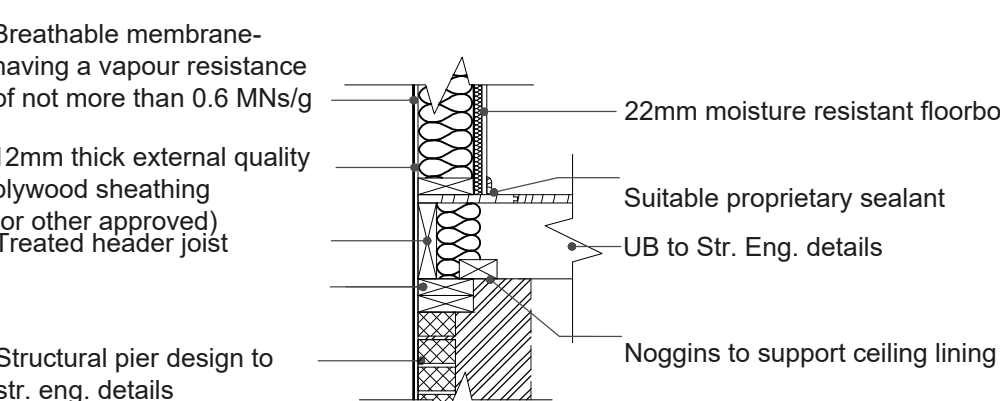
11 PROPOSED SIDE ELEVATION
1:100



12 PROPOSED REAR ELEVATION
1:100



13 PROPOSED ROOF PLAN
1:100



14 PROPOSED CONNECTION DETAIL
1:20

Weather board hung vertically on 25 x 38mm preservative treated battens (to clients detail/spec - TBC)

External quality plywood sheathing - 12mm thick marine plywood (or other approved)

Breathable membrane - having a vapour resistance of not more than 0.6 MNs/g

Treated timber frame constructed using 100mm x 50mm head & sole plates and vertical studs

Insulation between and over studs 60mm Celotex FR4000 between plus 37.5mm Celotex PL4000 insulated plaster board over

Finish with 3mm plaster skim

15 PROPOSED WALL SECTION THRU'
1:20

Cavity tray to be linked in with Code 4 lead flashing fitted into mortar joint 25mm deep

Cavity tray min 150mm above roof structure and lead flashing min 75mm above roofing tiles

Weep holes to be provided at max 1m centres

A continuous 5mm wide opening or the equivalent area is to be provided via proprietary ventilator

Roofing tiles to suit pitch

25 x 38mm tanalised sw treated battens

Sarking felt to BS747

Rafters at max 400mm to engineers details

Eaves ventilator tray to ensure a 50mm ventilation gap

Cross ventilation to be provided by a proprietary eaves ventilation strip equivalent to a 25mm continuous gap at eaves level with insect grill and 50mm air gap between felt and insulation

Rafter to be connected to ceiling joist and wall plate

Rafters birdmouthed over 100 x 50mm wall plate, wall plate fixed to blockwork at max 1.8m centres with 1000 x 30 x 5mm galvanised strap

47 x 150 wall plate bolted to wall at 600mm centres with M12 chemical anchor bolts and square plate washers

Rafters bird-mouthed onto plate, notch no greater than third of rafter depth, with a min of 2 nail flanges per rafter

100mm Rockwool between ceiling joists and 170mm over

Ceiling joists to engineers details at 400mm centres

Joist to fit tightly into hanger (max 6mm gap), bottom of joist to be notched into hanger

Hanger to be tight to the wall

Ensure that joist is fully nailed to hanger

Polythene vapour barrier between insulation and plasterboard

Finished internally with 12.5mm plasterboard and min 3mm plaster skim

16 PROPOSED MAIN ROOF SECTION
1:30

DETAIL 'F'

103mm facing brick or block

WINDOW HEAD AND LINTEL

Polyurethane foam insulation

Weep holes (min 2 per lintel at 450mm centres)

Ensure masonry overhang does not exceed 25mm

Joint filled with polyethylene foam and sealant pointing

Lintel drip to project forward of the frame

Window frame and glazing to architects specification

100mm blockwork

PIR insulation fixed to internal leaf

Cavity tray with stop ends

Lintel to have a nominal 150mm bearing at each end

Ensure lintel is fully bedded on bricklaying mortar

Window head - overlapping insulation at least 25mm to prevent thermal bridge

low on impregnated foam strip

Dpc

Proprietary insulated cavity closer

Continuous ribbon of plaster

Suitable plasterboard

100mm blockwork

PIR insulation fixed to internal leaf

103mm facing brick or block

WINDOW SILL

17 PROPOSED DETAIL 'F'
1:30

DETAIL 'E'

Durable threshold

1 in 60 gradient run sloping away from threshold

Proprietary drainage channel to provide 30mm drainage per hour

Threshold to be no more than 10mm high

Do not be lapped with down

Min 13mm between floor finish and top of water bar

18 PROPOSED DETAIL 'E'
1:30

FULL FILL CAVITY WALL

Walls to be built with 1:1:6 cement mortar

20mm two coat sand/cement render with waterproof additive

Stainless steel retaining wall ties built in at 750mm ctrs horizontally, 450mm vertically and 225mm ctrs at reveals and corners in staggered rows

Horizontal strip polymer (hyload) damp proof course to both leafs minimum 150mm above external ground level

100mm block K value 1.13, e.g Lafarge Stancrete

100mm Dritherm32 insulation as manufactures details

Internal finish to be 12.5mm plasterboard on dabs

RENDERED PARTIAL FILL CAVITY WALL

20mm two coat sand/cement render with waterproof additive

100mm medium dense block K value 0.51

Stainless steel retaining wall ties built in at 750mm ctrs horizontally, 450mm vertically and 225mm ctrs at reveals and corners in staggered rows

Horizontal strip polymer (hyload) damp proof course to both leafs minimum 150mm above external ground level

Walls to be built with 1:1:6 cement mortar

100mm medium dense block K value 0.51

Internal finish to be 12.5mm plasterboard on dabs

50mm clear residual cavity, 60mm Celotex CG4000 insulation fixed to innerleaf

Horizontal strip polymer (hyload) damp proof course to both leafs minimum 150mm above external ground level

19 PROPOSED WALL SECTION
1:20

A continuous 5mm wide opening or the equivalent area is required to the length of the ridge or provide high level tile vents as agreed with the Building Control Officer

Treated flat roof joists fixed to beam and bolted to rafters. All connections and structure to Structural Engineers details and calculations

100mm PIR insulation between and 45mm under rafters

Vapour control layer and 12.5mm plasterboard ceiling

LOFT RIDGE DORMER DETAIL

Structural design by suitably qualified engineer

20 PROPOSED RIDGE DETAIL
1:20

TRENCH FOUNDATION

50mm residual cavity

45mm Celotex insulation

DPC 150mm above ground level

Facing brick to match existing

Lightweight block inner skin

Lean mix cavity fill 225mm below DPC

65mm thick concrete sand cement screed

75mm Celotex GA4000

100mm thick concrete slab

1200g damp proof membrane

150mm sand blinded hardcore

Depth to be 1000mm deep depending on ground conditions to be agreed with BCO

Concrete mix to conform to BS EN 206-1 and BS 5000-2

21 PROPOSED FOUNDATION DETAIL
1:20

NOTE:
DRAWING:WARTON_01A TO BE USED IN CONJUNCTION WITH ASSOCIATED BUILDING REGULATIONS NOTES WARTON /BRN.
DIRECTIONAL NORTH ARROW SHOWN ON BLOCK & LOCATION PLANS WARTON /BLP.

DETAILS AND DIMENSIONS OF ALL LEVELS OF PROPOSED PLANS TO BE CHECKED ON SITE BY APPOINTED CONTRACTOR PRIOR TO ANY COMMENCEMENT/ORDERING OF MATERIALS OF WORK, ANY QUERIES, VARIATIONS OR DISCREPANCIES DIRECTED TO CLIENT - DM DESIGNS ACCEPTS NO RESPONSIBILITY IN ANY PART ON DRAWINGS UNLESS OTHERWISE AGREED PRIOR.

BRN 1 DENOTES ATTACHED BUILDING REGULATION NOTES
1 DENOTES ITEM No.

MODIFICATIONS

ALTERED ROOF DETAIL TO SUIT PLANNING

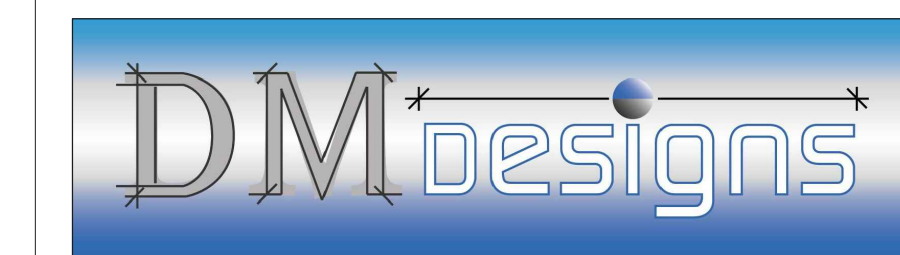
SIDE EXTENSION ABOVE EX. GARAGE.

FRONT ELEVATION INCREASE.

CLADDING TO ELEAVATIONS

MR D WARTON,
38 GRANADA CLOSE, WATERLOOVILLE,
HAMPSHIRE, PO8 9AU

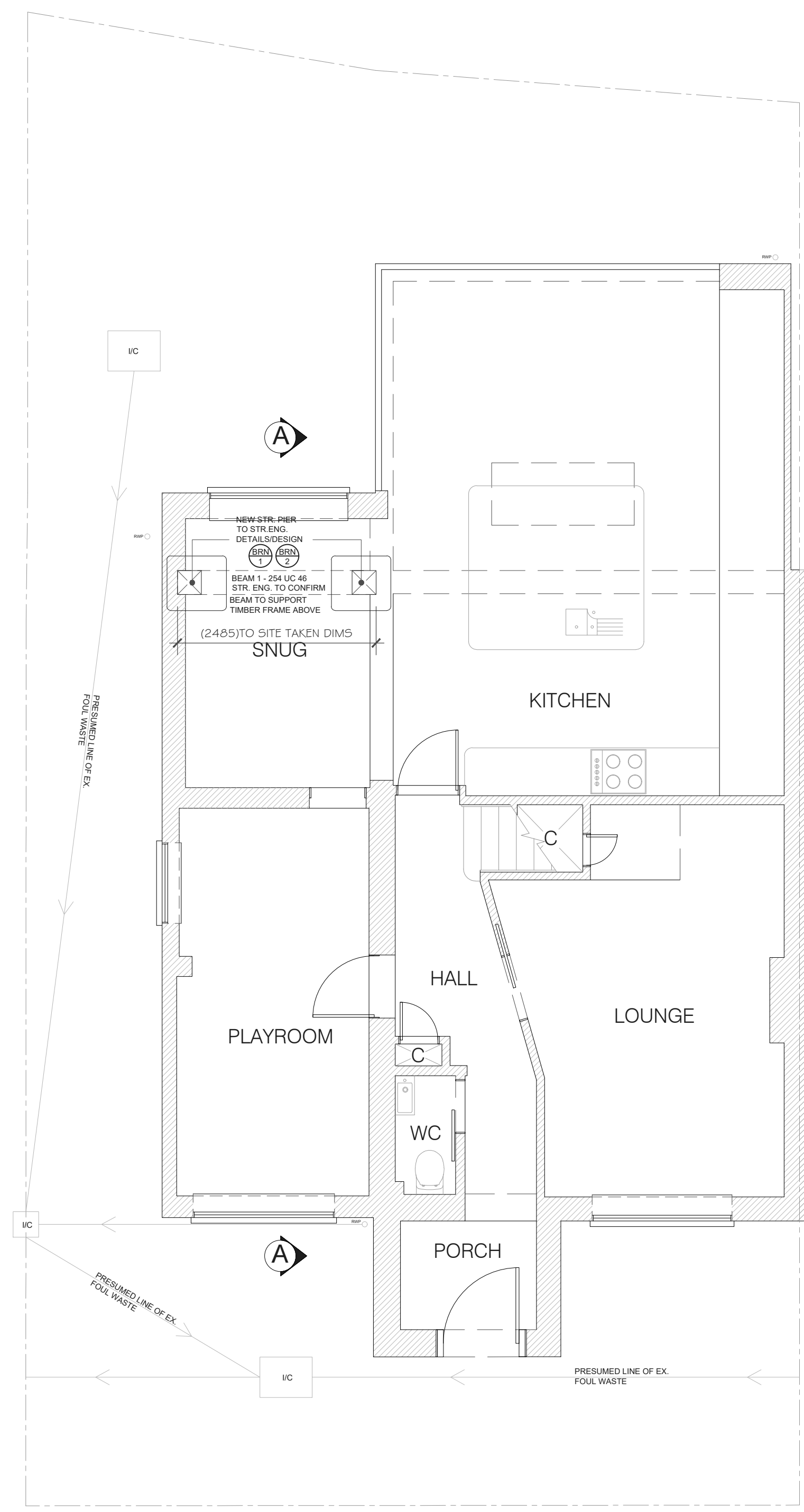
ISSUE:
B - 24.10.2019



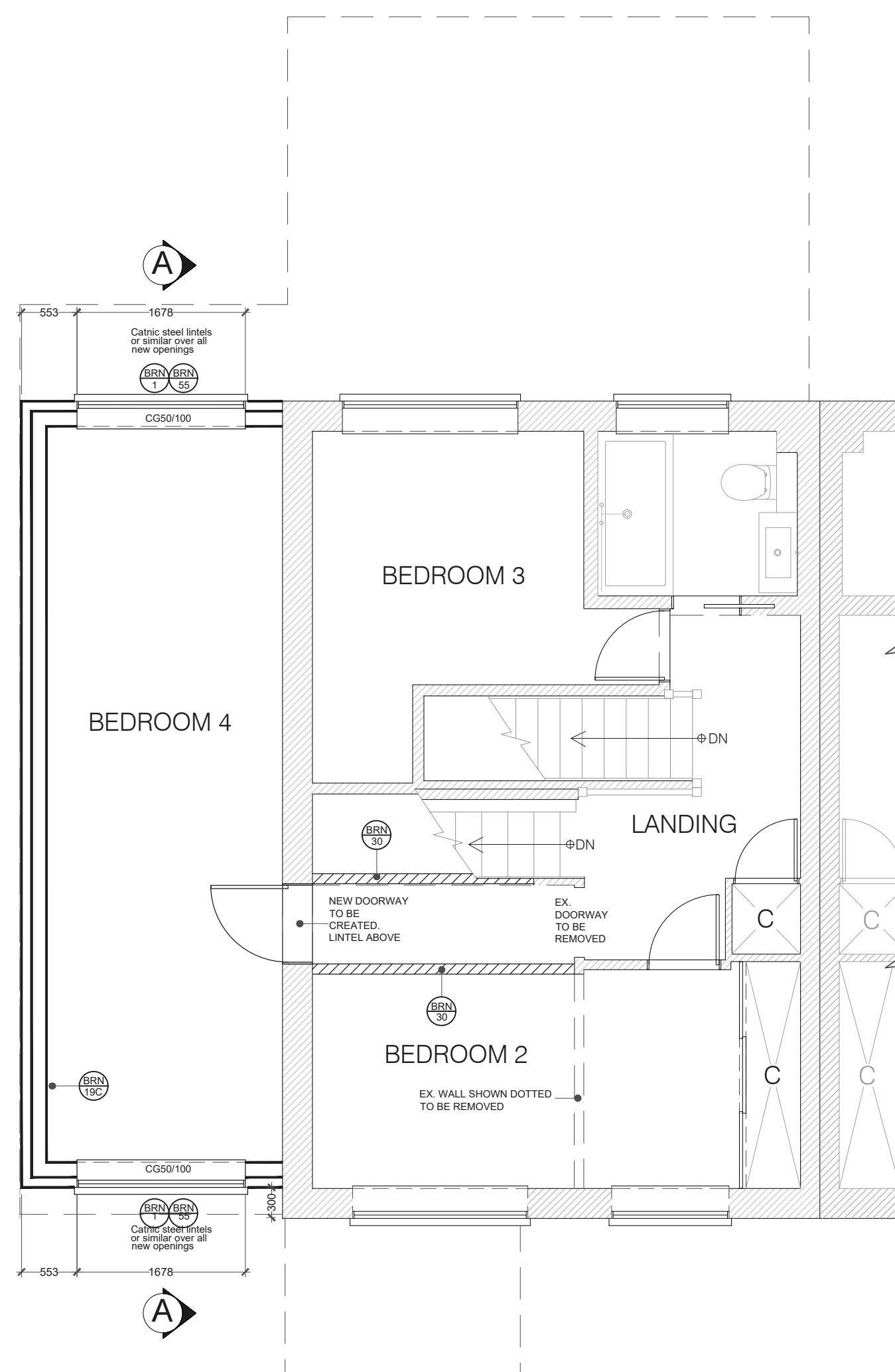
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WARTON 01A 1 OF 1

SCALE:
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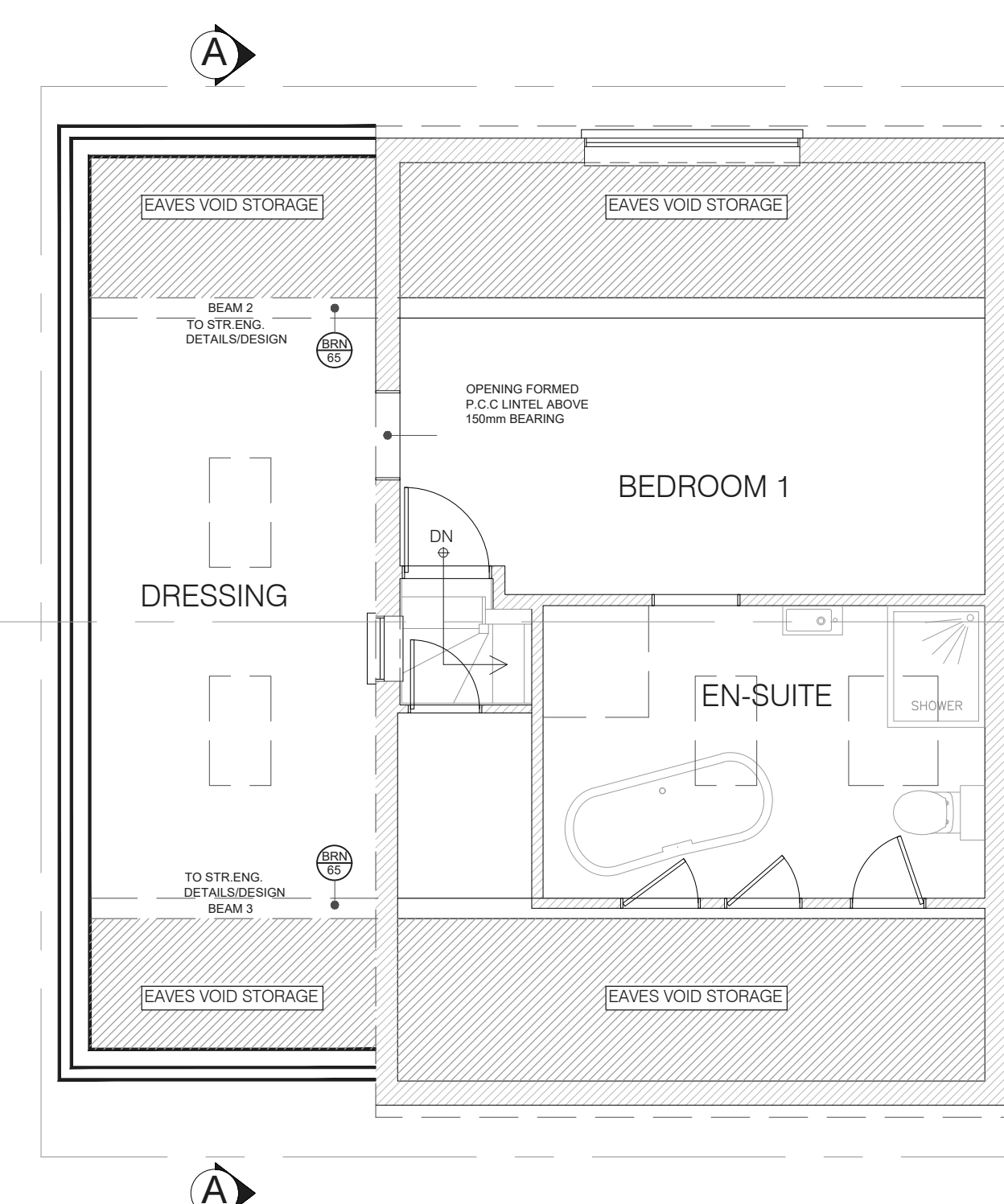
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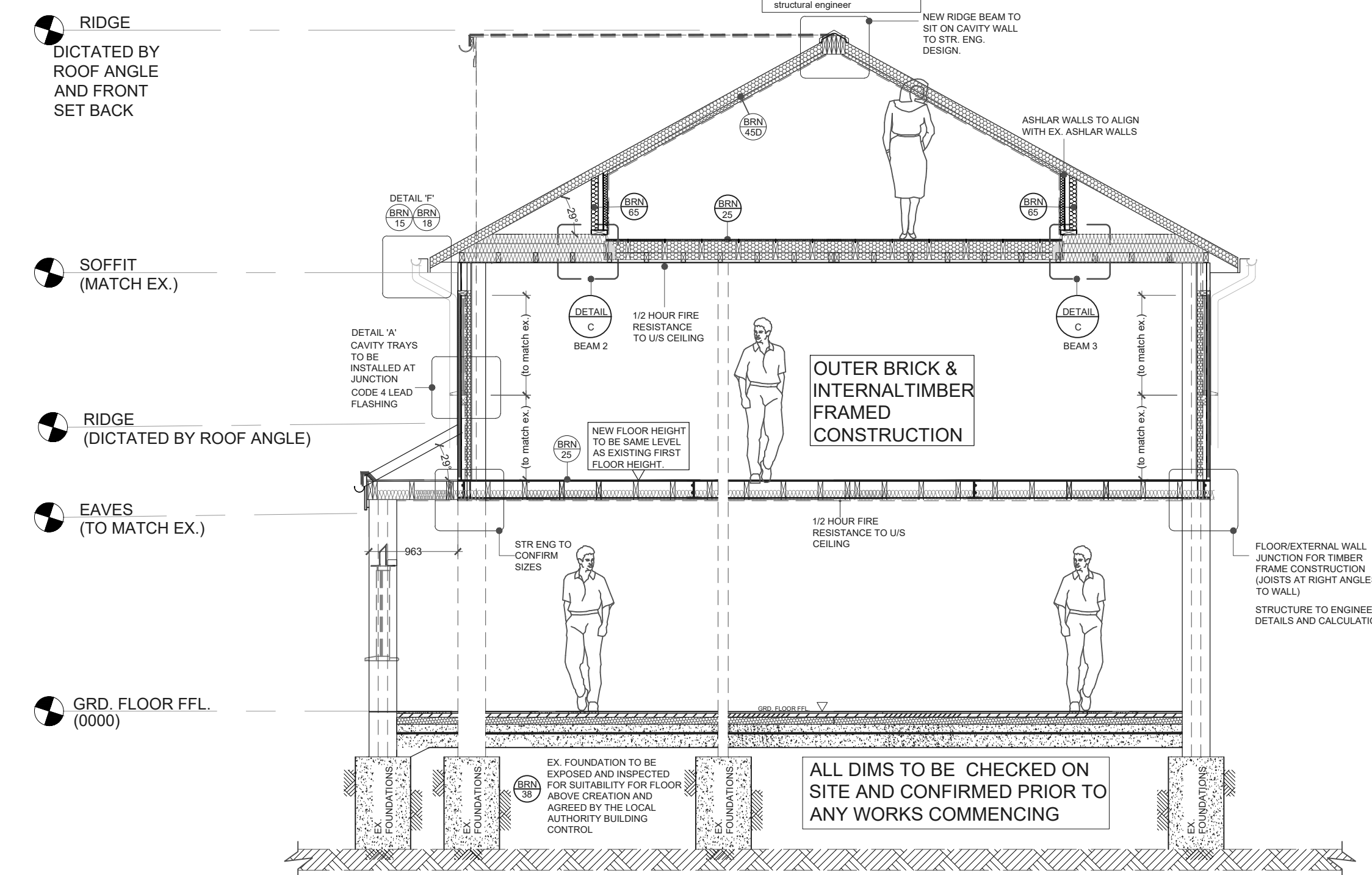
22 PROPOSED GRD FLOOR PLAN
1:50



23 PROPOSED FIRST FLOOR PLAN
1:50



24 PROPOSED SECOND FLOOR PLAN
1:50



25 PROPOSED SECTION A-A
1:50