

DATE	REV	NOTES
2024 Feb 21	P1	Preliminary set for first meeting with Louisa and Sam
2024 Mar 8	P2	Plans changed to client preferences, now Option D with central stair. Added site plan, window schedule, section, refined elevations. All still work in progress.
2024 Mar 13	P3	Check for Part O - limiting solar gain. Heat Pump and cylinder locations shown - loft?
2024 Mar 20	A	Add details for discussion

DRAWING INDEX	
Drawing	Name
Rev E DET.1	External Wall details
Rev E DET.2	Post foot details
Rev E DET.3	First Floor Alternatives
Rev E DET.4	Section D - Bay Window and Dormer
Rev E DET.5	Window sill
Rev E DET.6	Standard Door Sill
Rev E DET.7	Door head and window sill
Rev E DET.8	Standard window eaves
Rev E GA.1	Title Page
Rev E GA.2	Site Plan
Rev E GA.3	Ground Floor Plan OPTON D
Rev E GA.4	First Floor Plan - OPTION D
Rev E GA.5	Loft Plan - OPTION D
Rev E GA.6	Roof Plan
Rev E GA.7	Section AA
Rev E GA.8	Section BB
Rev E GA.9	All Elevations
Rev E GA.10	South West Elevation
Rev E GA.11	South West Elevation
Rev E GA.12	Door and Window Schedules
Rev E GA.13	Lintels
Rev E GA.14	Part O - Simplified Method
Rev E GA.15	Heat Pump

Top Yard

Architect

Rev A

20 March 2024

<https://www.greenoakcarpentry.co.uk/portfolio/architect-topyard/>



Title Page

SOUTH WEST

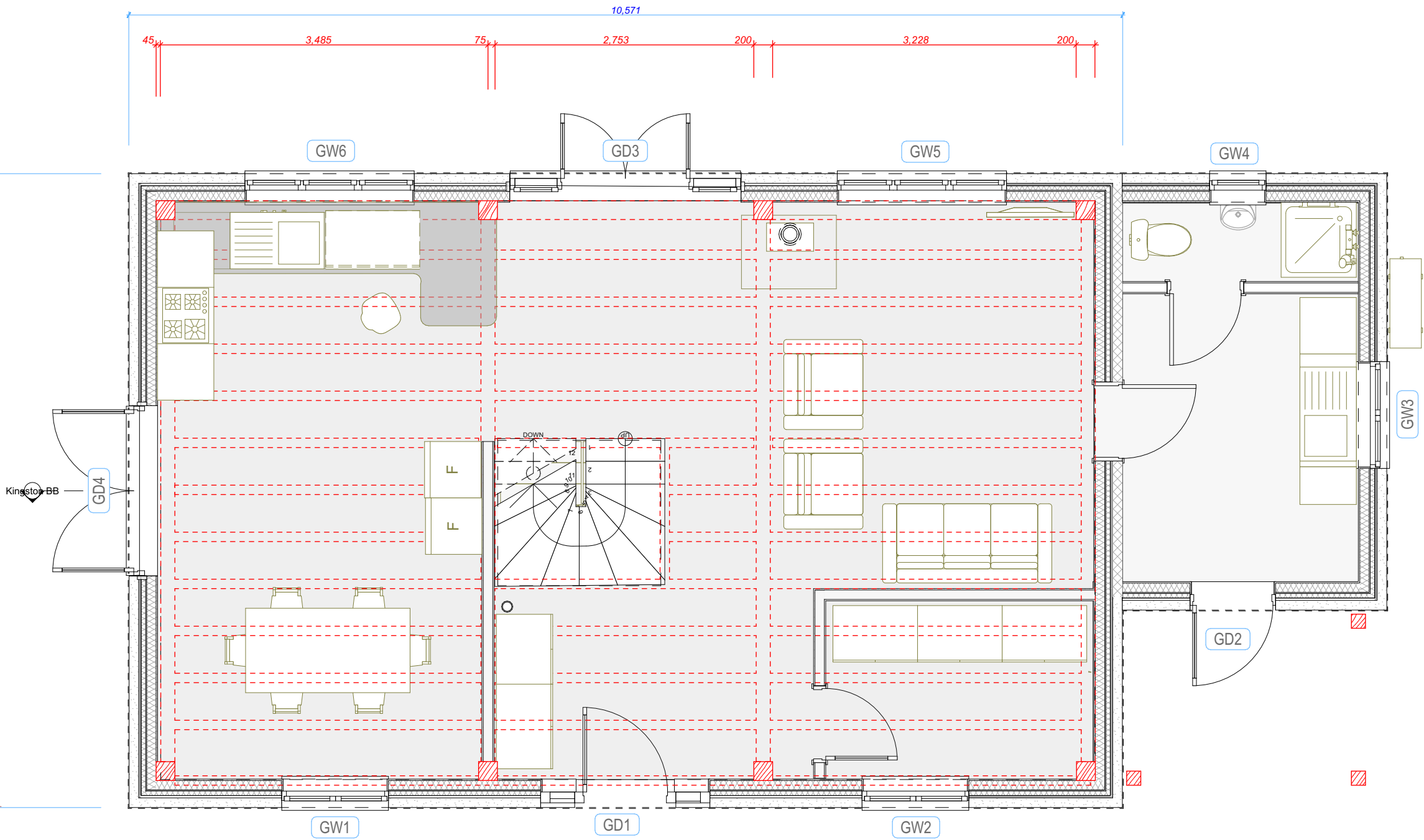
SOUTH EAST

NORTH WEST

NORTH EAST



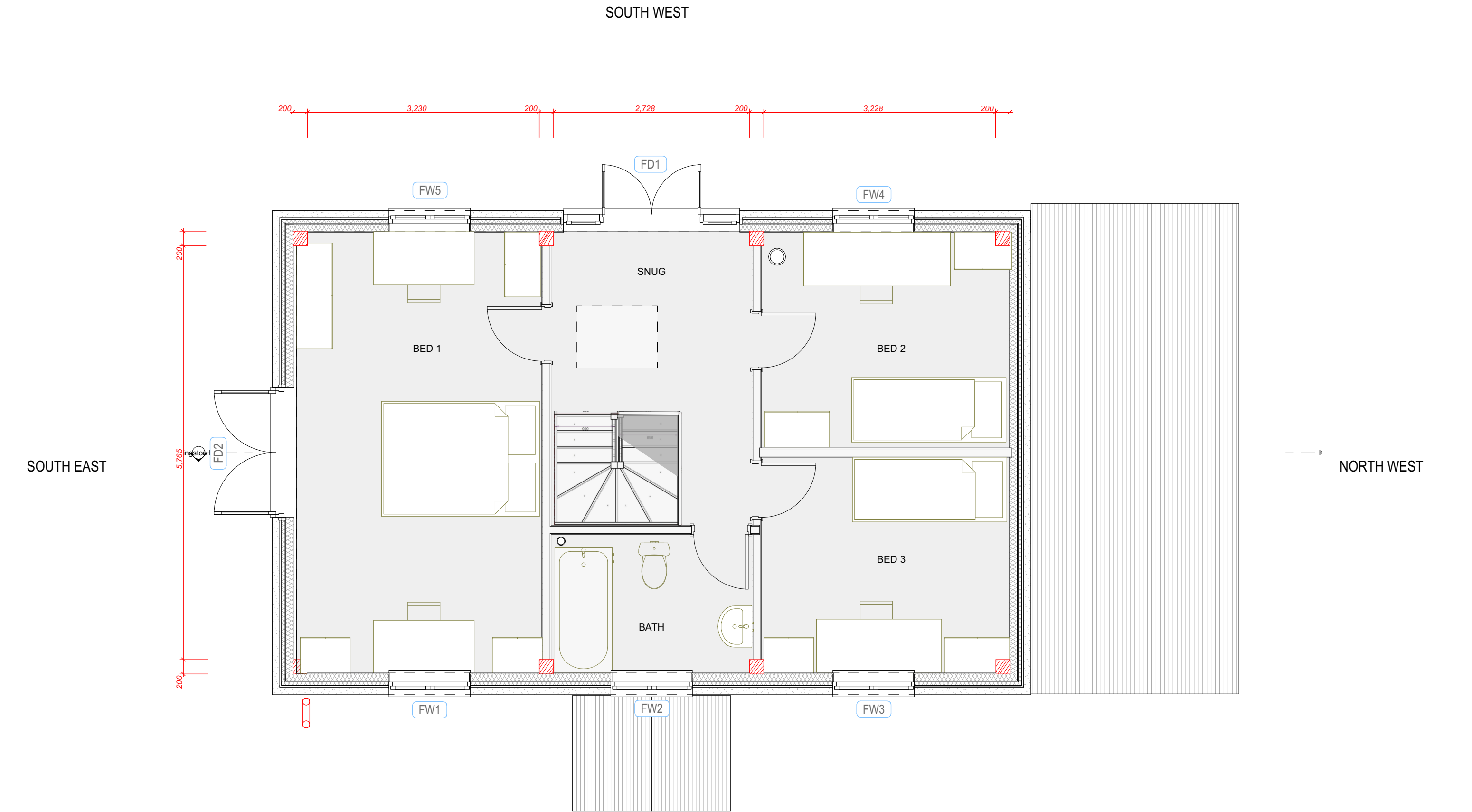
Scale 1 : 50



Ground Floor Plan OPTON D

	project name	Top Yard, The Street, Kingston, BN7 3PB		
	address			
	site			
	scale	1:50 @ A3	date	
	job no.	AJ0172	drawing no.	Rev E GA.3

DO NOT SCALE FROM THIS DRAWING. Verify all dimensions on site.
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SOUTH WEST

SOUTH EAST

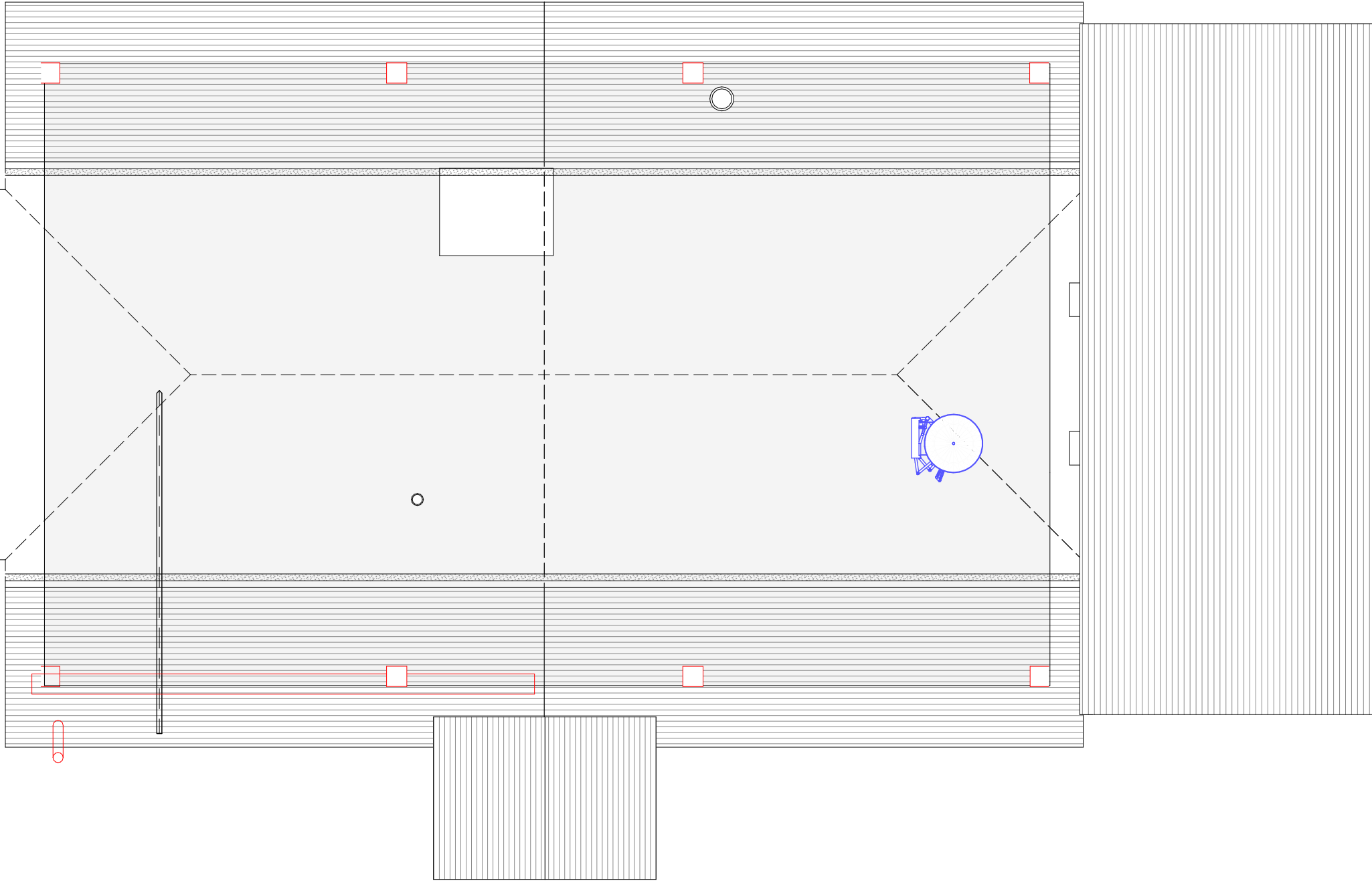
Kingston BB

NORTH WEST


NORTH EAST



Scale 1 : 50



Loft Plan - OPTION D



project name
Top Yard, The Street, Kingston, BN7 3PB

address

site

scale
1:50 @ A3

date

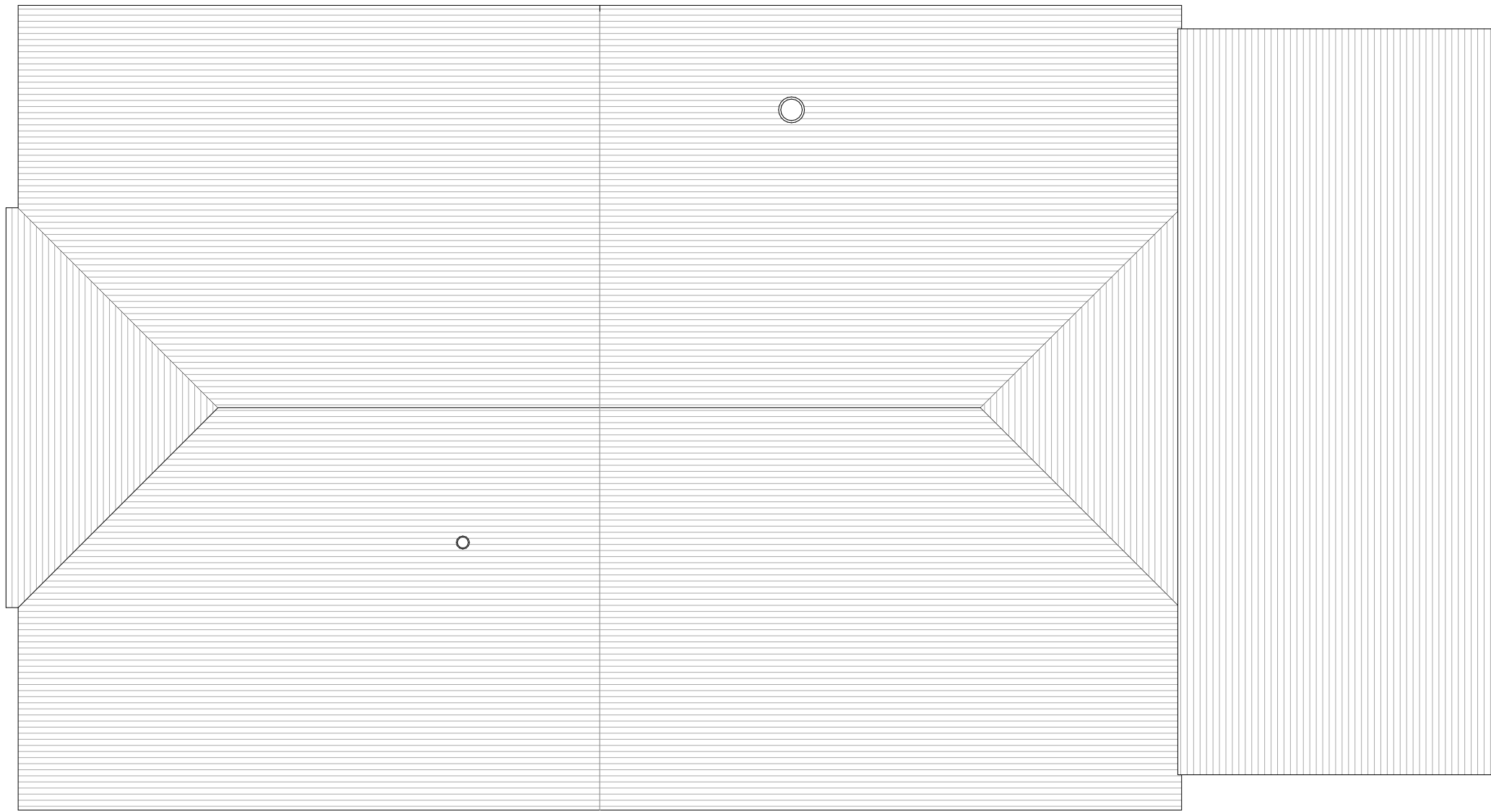
job no.
AJ0172

drawing no.
Rev E GA.5

DO NOT SCALE FROM THIS DRAWING. Verify all dimensions on site.

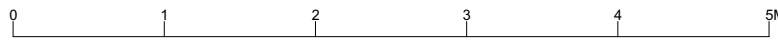
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01730 892049




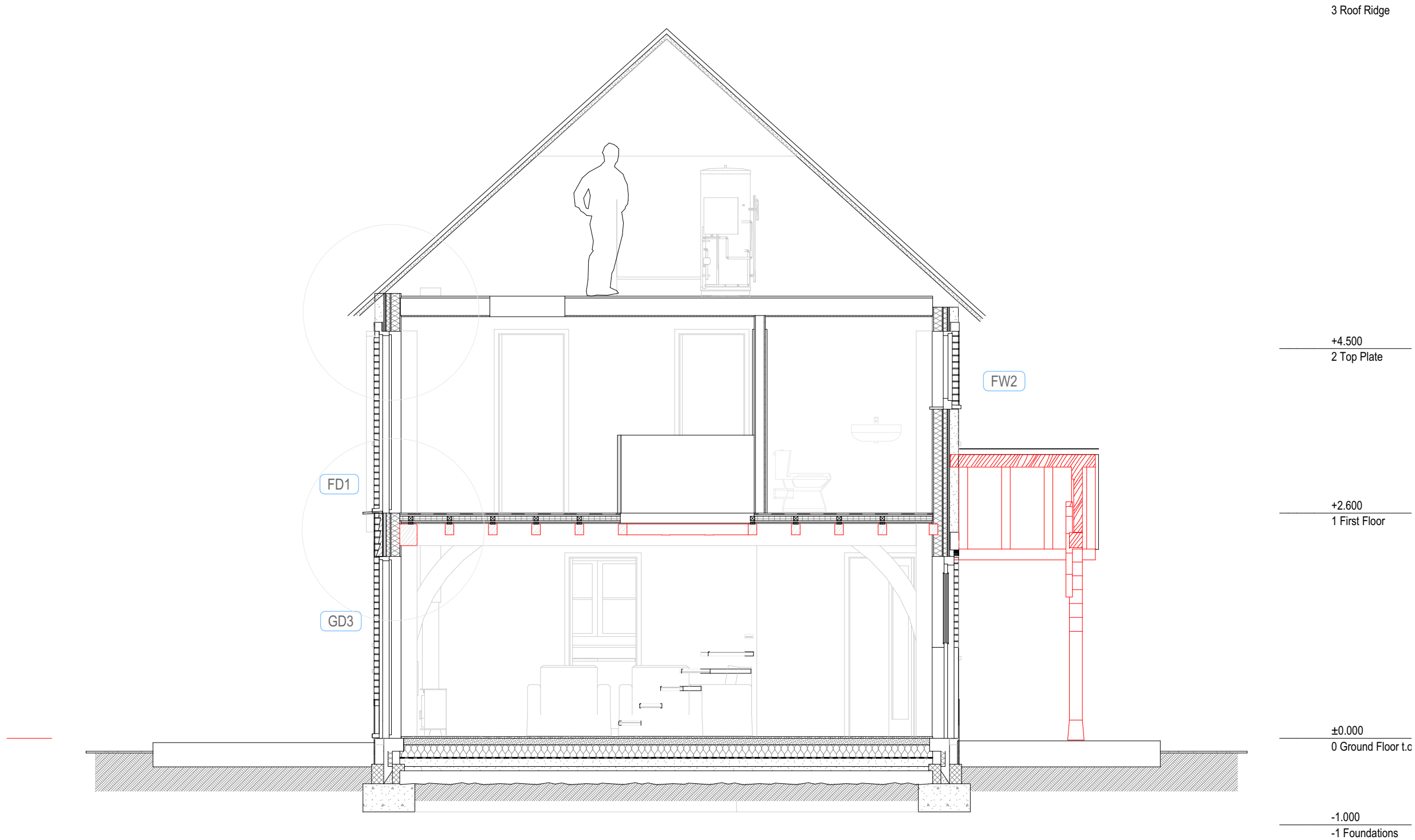
Roof Plan

DATE: -

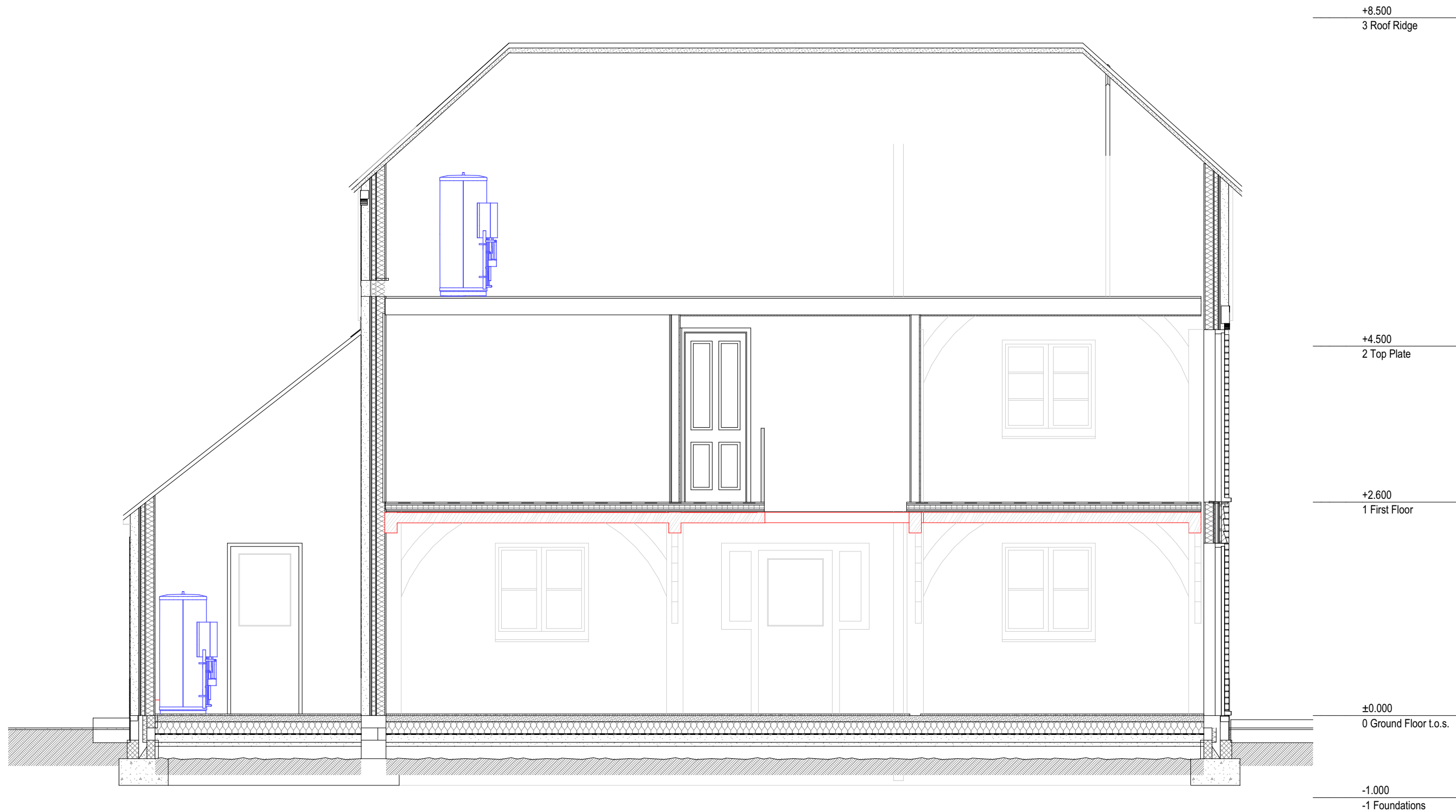


Scale 1 : 50

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	address			
	site			
	scale	date	job no.	drawing no.
	1:50 @ A3		AJ0172	Rev E GA.6
<small>DO NOT SCALE FROM THIS DRAWING. Verify all dimensions on site. THE GREEN OAK CARPENTRY COMPANY LTD, Langley, Liss, Hampshire GU33 7JW 01730 892049</small>				



Section AA



Section BB



01 EAST Front Entrance 1:100



04 NORTH - Front lean-to 1:100



03 WEST to garden 1:100



02 SOUTH to field 1:100

All Elevations

0 1 2 3 4 5 10M Scale 1 : 100



South West Elevation

DATE: -



project name	Top Yard, The Street, Kingston, BN7 3PB		
address			
site			
scale	1:50 @ A3	job no.	AJ0172
date		drawing no.	Rev E GA.10
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0 1 2 3 4 5 10M Scale 1 : 100



South West Elevation

DATE: -



project name	Top Yard, The Street, Kingston, BN7 3PB		
address			
site			
scale	1:50 @ A3	job no.	AJ0172
date		drawing no.	Rev E GA.11
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0 1 2 3 4 5 10M Scale 1 : 100

Lintel Arch Centres - Type AC

A PVC-u arch unit for use over openings in external cavity walls – traditional and timber frame – providing permanent centring for brick arch construction.

Allows easy construction of segmental arches.
Includes integral weep vent.

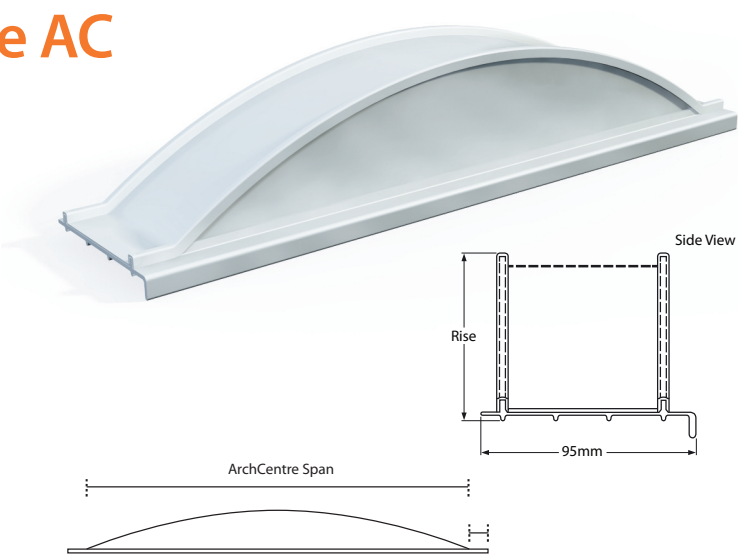
Material

Extruded from PVC-u for greater UV stability Catnic **Lintel Arch Centres** are designed to weather in accordance with the PVC-u windows. The design incorporates built-in weep vents for discharging the wind-driven rain that penetrates the external skin of a cavity wall.

Installation notes

- i) Do not use damaged Arch Centres.
- ii) Remove the Arch Centre from its protective wrapping.
- iii) Check that the Arch Centre is correct for application (refer to the lintel specification).
- iv) Ensure the Arch Centre and lintel mounting surfaces are clean and dry.
- v) Locate the unit centrally over the opening to determine the position on the lintel. The front drip section should be trimmed off at the bearing end to allow for thin mortar joints and to enhance the appearance.
- vi) Locate the unit on the lintel at position previously determined, ensuring a tight fit to the edge of lintel toe.

Important Note: If used with Catnic **Soffit Cladding**, the straight ends of the Arch Centre, which extend beyond the structural opening, should be removed before proceeding to stage vi. (see right) This operation can also be carried out to avoid exposing the drip edge of the Arch Centre within the mortar joint at the bearing end. Cutting into the main body of the Arch Centre should not be carried out.



Arch Centre Code	Arch Centre Span mm	Rise (mm)	Opening Sizes (mm)	
			Min	Max
ACA0475	450	75	450	500
ACA0625	600	75	600	650
ACA0675	650	75	650	700
ACA0875	850	75	850	900
ACA0925	900	75	900	950
ACA1075	1050	75	1050	1100
ACA1225	1200	75	1200	1250
ACA1375	1350	75	1350	1400
ACA1475	1450	75	1450	1500
ACA1625	1600	75	1600	1650
ACA1775	1750	75	1750	1800
ACA2125	2100	75	2100	2150
ACA2325	2300	75	2300	2350
ACA2425	2400	75	2400	2450

Note: Each length of Arch Centre will cover a structural opening with a tolerance of plus or minus 25mm. All lengths between 425mm and 3175mm are available in standard 50mm increments to suit a 75mm or 150mm rise.

www.catnic.com

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Door and Window Schedules

Categorising Residential Buildings

Cross Ventilation:

Window / Door	Whole House	North	East	South	West
GD1	1.00		1.00		
GD2	0.56		0.56		
GD3	3.00				3.00
GD4	2.40			2.40	
GW1	0.82		0.82		
GW2	0.82		0.82		
GW3	0.70	0.70			
GW4	0.35				0.35
GW5	1.50				1.50
GW6	1.00				1.00
FD1	3.00				3.00
FD2	2.40			2.40	
FW1	0.90		0.90		
FW2	0.60		0.60		
FW3	0.90		0.90		
FW4	0.90				0.90
FW5	0.90				0.90
Glazed Area Total	21.75	0.70	5.60	4.80	10.65
Floor Area in m2	130				
Glazing as % of zone floor area	17%	1%	4%	4%	8%
BLDG REGS MAX for moderate risk		18%	18%	15%	11%
		pass	pass	pass	pass

[illegible]

Part O - Simplified Method



Mitsubishi Electric Air
Conditioning Hard Wired
PAC-IF073B-E REMOCON
Controller Assy Complete



Mike Tinson pinnaclehtg@gmail.com
The Chestnuts - 3 bed oak framed house
Heating Specification:

Air Source Heat Pump
Mitsubishi 8.5kW air source heat pump
(Model PUZ-WM85VAA)

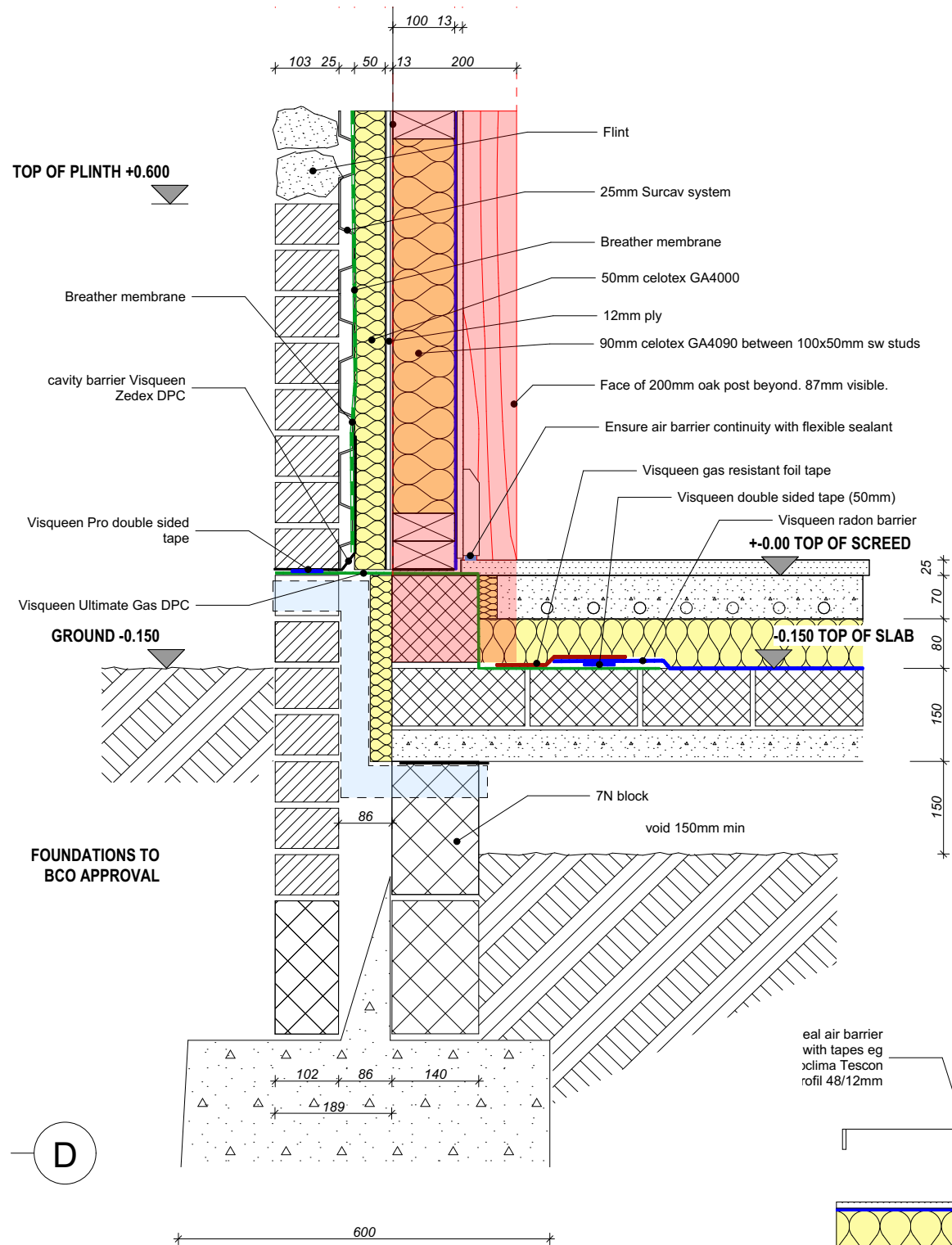
Cylinder:
Mitsubishi 210L cylinder EHPT21X-UKHDW1L

Programmer
Mitsubishi PAC-1F073BE.

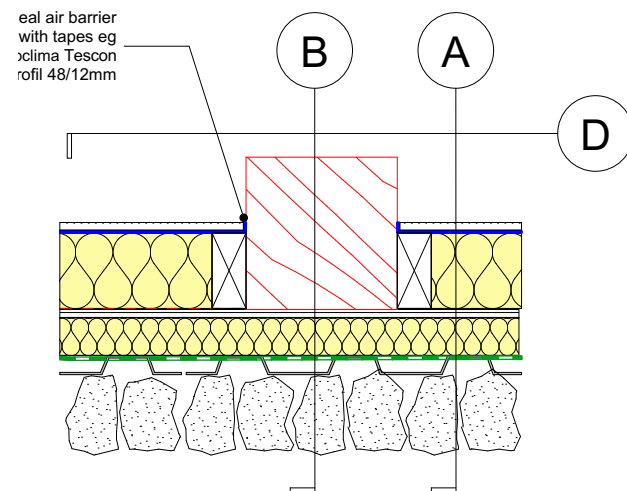
Heating Emitters:
In screed underfloor heating on ground floor, spreader plate
underfloor heating on 1st floor.

Room thermostats: **Yes**
Independent controlled heating zones: **Yes**
TRVs: **No (no radiators)**
Delayed start (optimised) thermostat: **Yes**
Weather compensation (outdoor thermostat): **Yes**

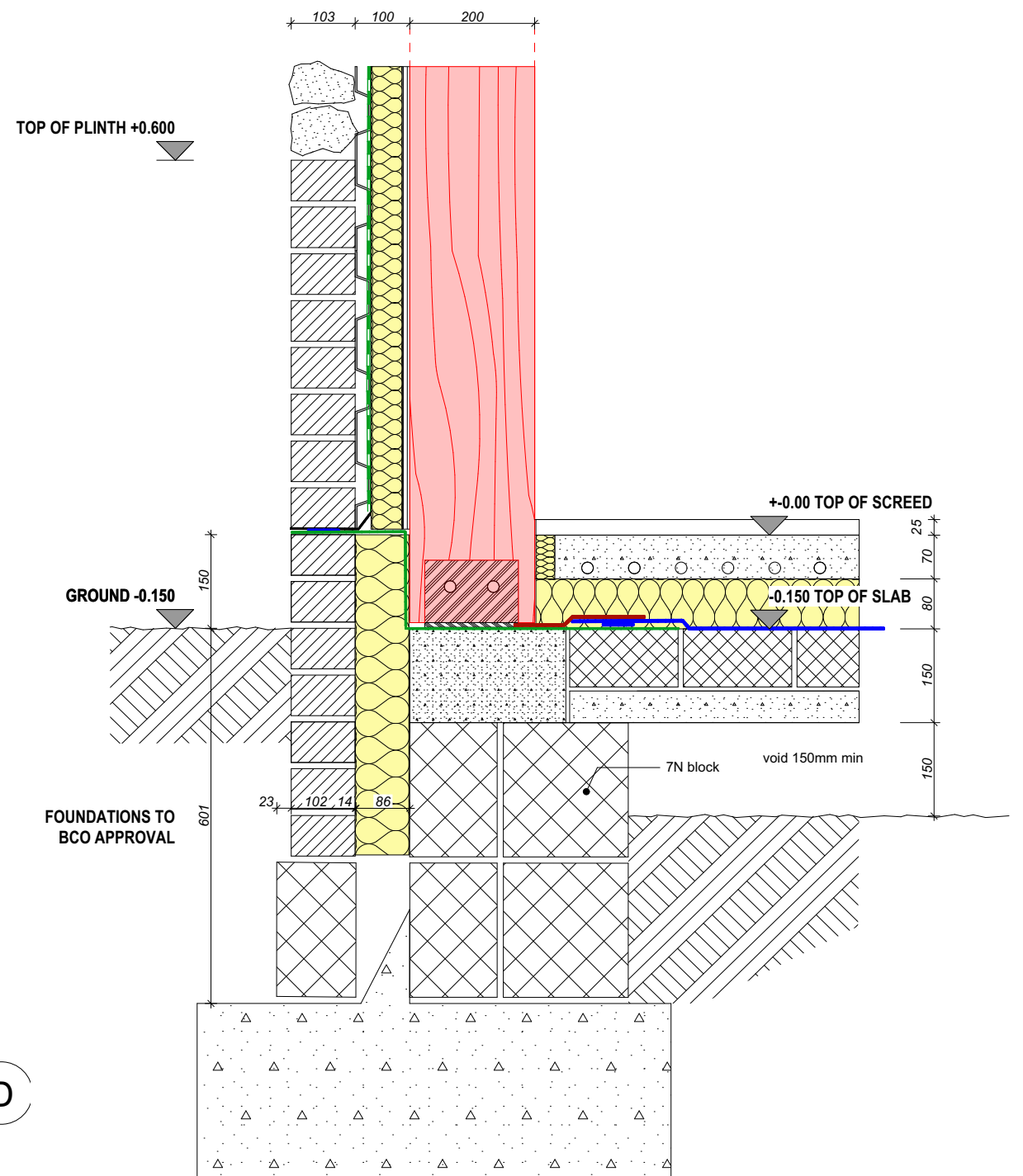
Heat Pump



A Section - Foundation at external wall



C Plan section - Post foot at external wall



B Section - Post Foot Detail at External Wall

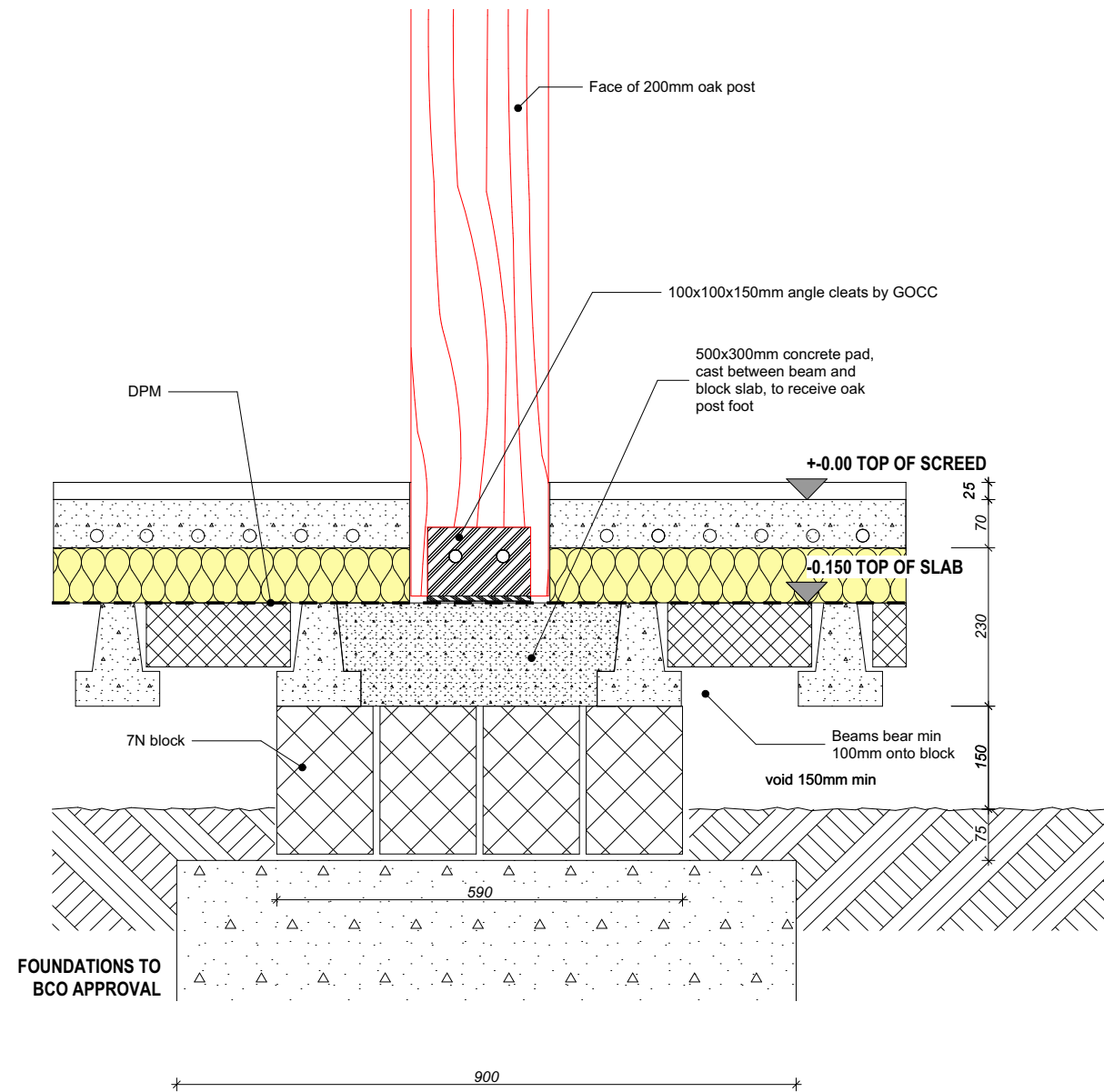
External Wall details

DATE: -

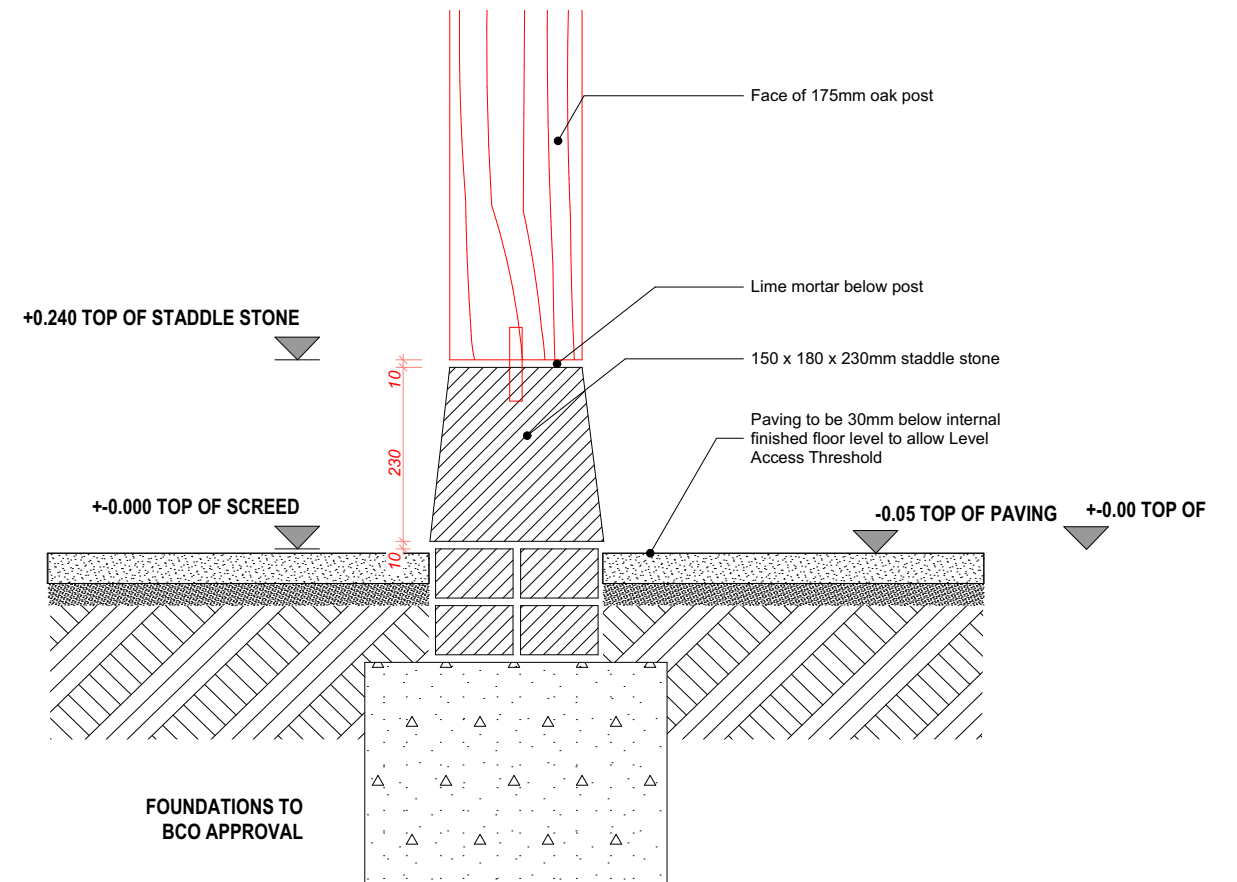


project name: Bumblekyte, Cocking, nr Midhurst GU29
address:
site:
scale: 1:10 @ A3
date: 11/10/2023
job no.: AJ0172
drawing no.: Rev E DET.1
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0 0.1 0.2 0.3 0.4 0.5 1m Scale 1 : 10



D Section - Post Foot in centre of building



E Section - Post Foot at Porch

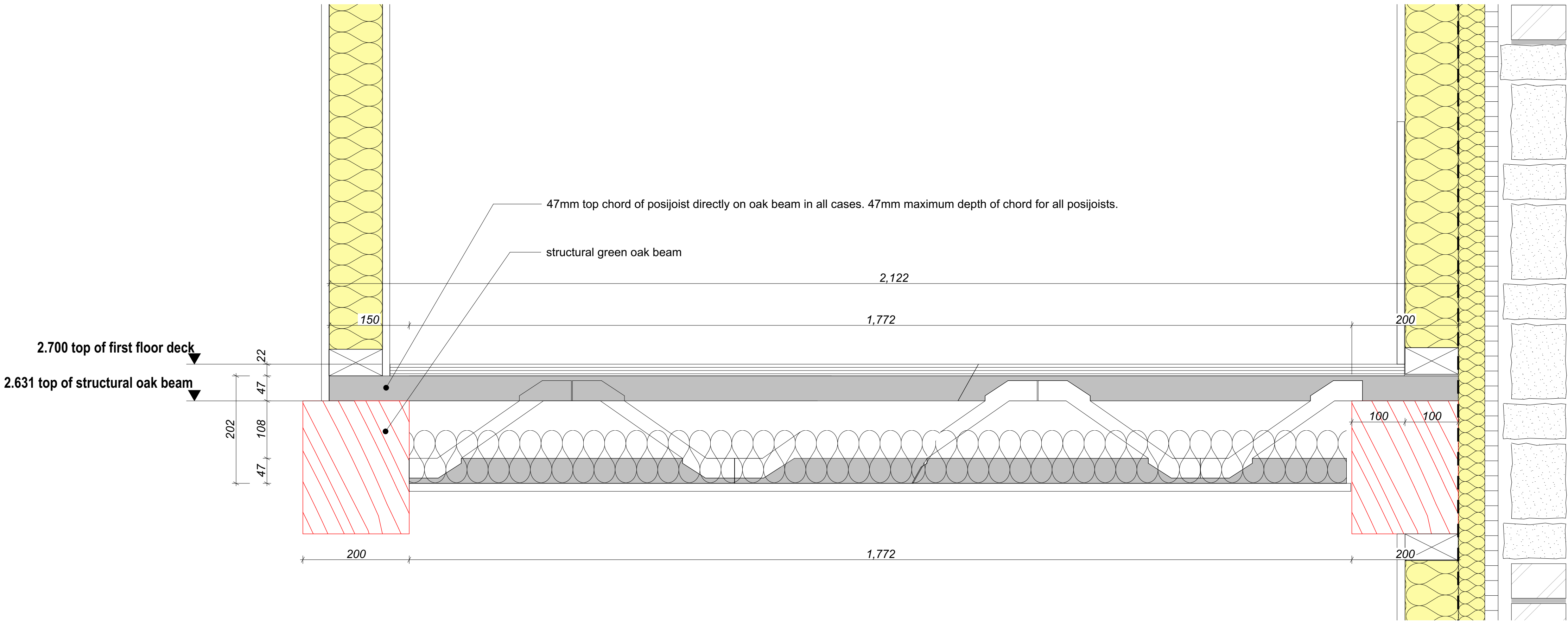
Post foot details

DATE: -

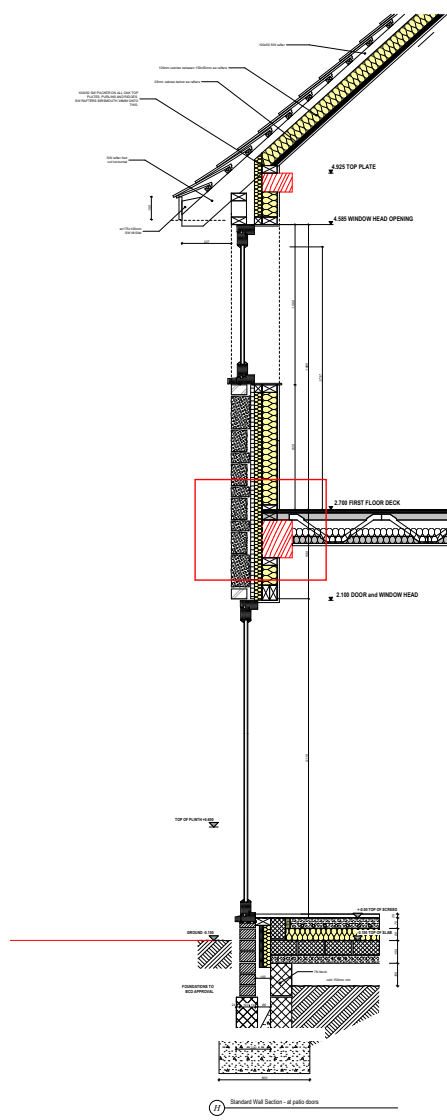


project name	Bumblekyte, Cocking, nr Midhurst GU29
address	
site	
scale	1:10 @ A3
date	
job no.	AJ0172
drawing no.	Rev E DET.2
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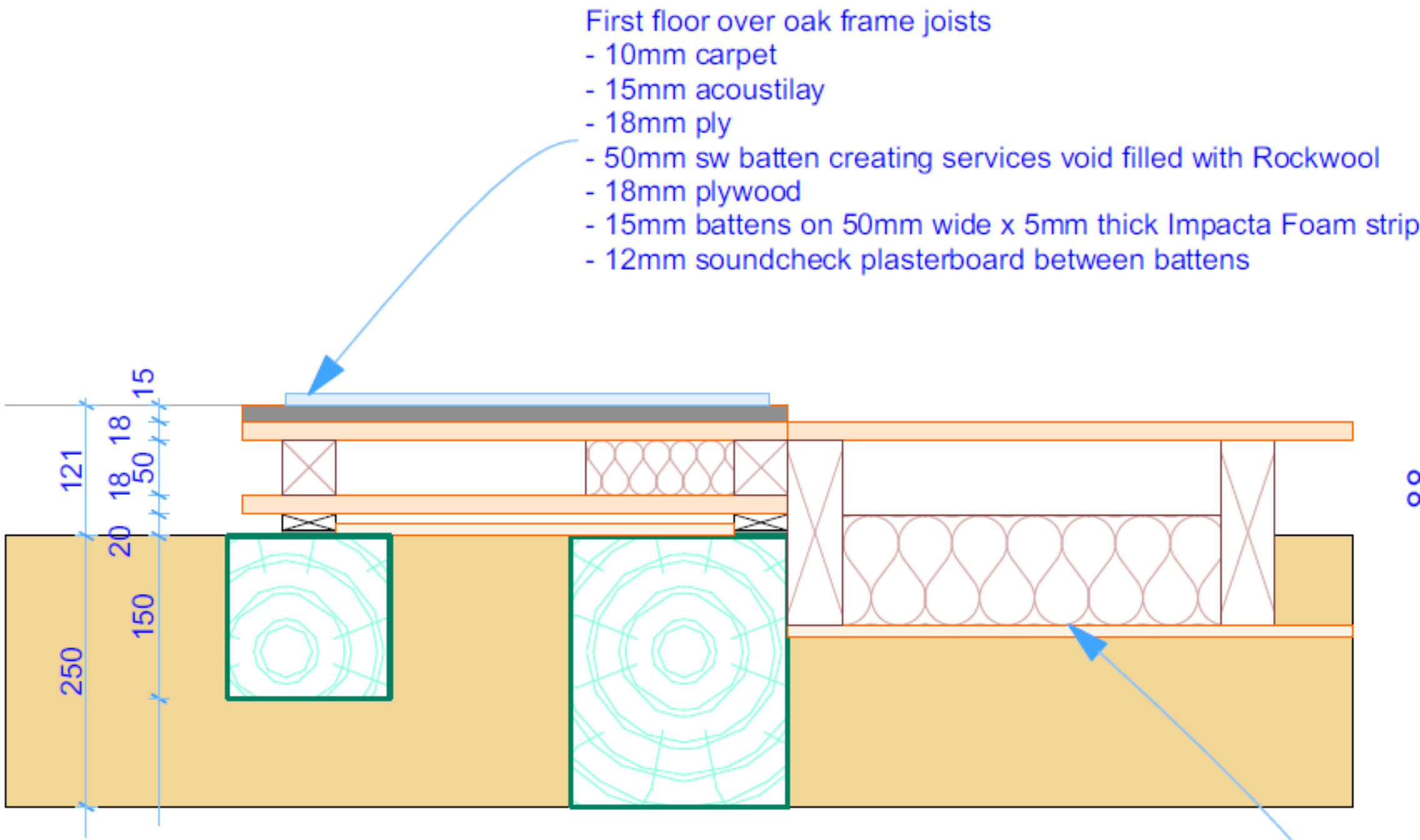
0 0.1 0.2 0.3 0.4 0.5 1m Scale 1 : 10



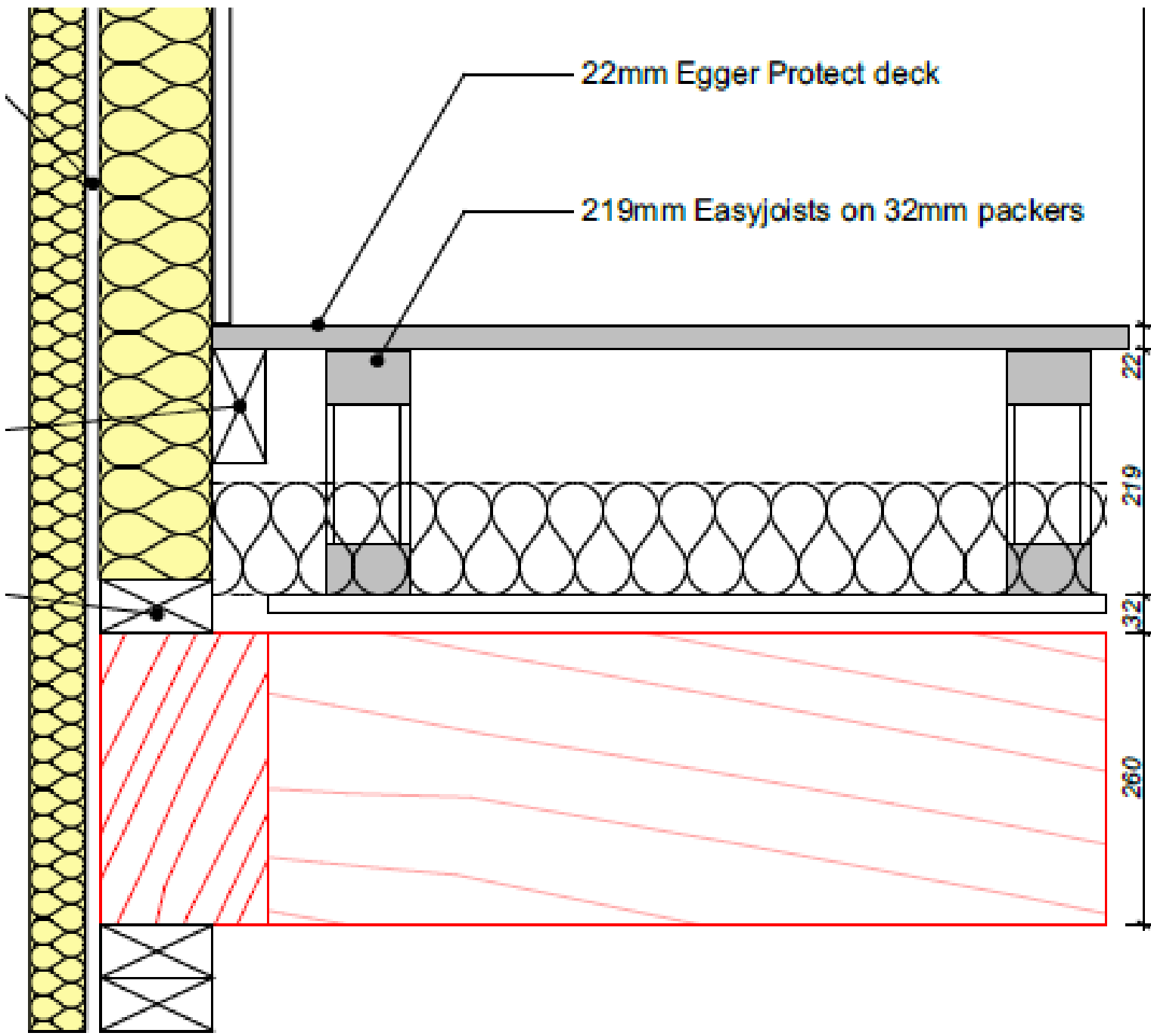
Typical Posijoist Detail PS06



Standard Wall Section - at patio doors



- First floor without oak joists but fixed to perimeter oak frame:
- 10mm carpet
 - 10mm conventional underlay
 - 18mm ply
 - 170 x 50mm C24 joists at 400cs on joist hangers fixed to perimer oak frame
 - 100mm rockwool acoustic insulation between joists
 - 12mm soundcheck plasterboard on resilient bars

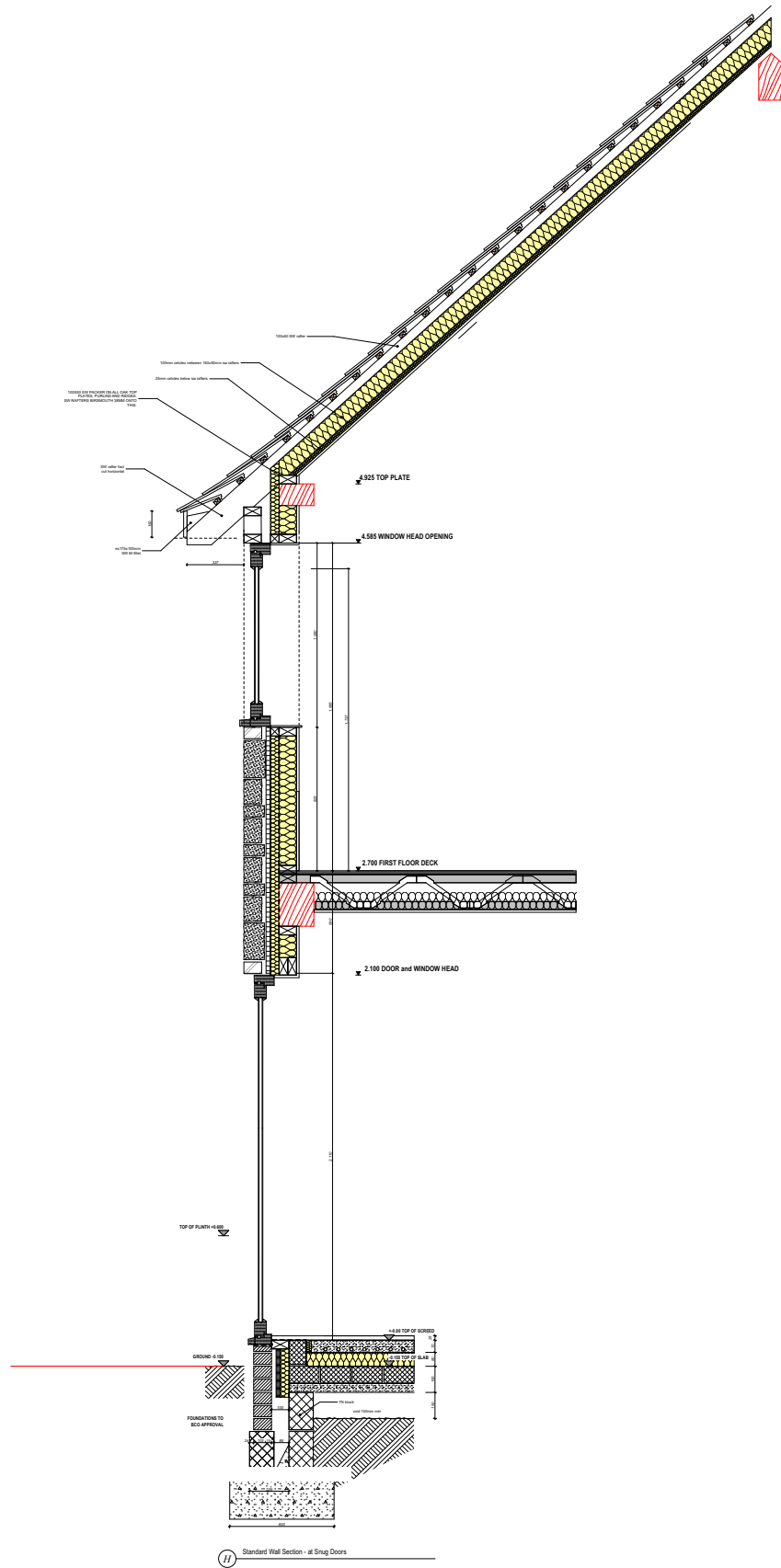


First Floor Alternatives

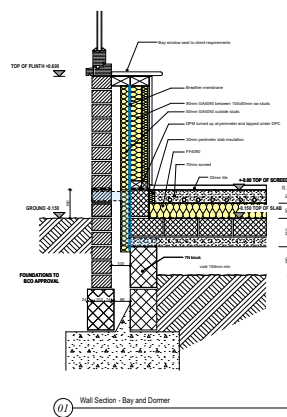
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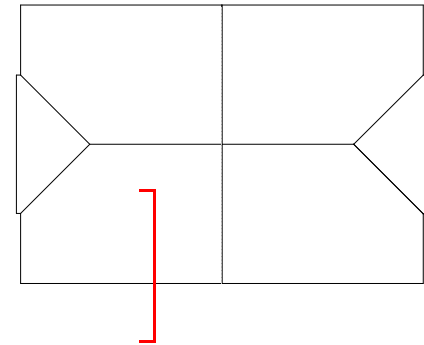
project name			
Bumblekyte, Cocking, Midhurst GU29			
address			
title			
scale	date	job no.	drawing no.
1:5 / 1:20 @ A1	Nov 18	AJ0129	Rev E DET.
1:10 / 1:40 @ A3			
DO NOT SCALE FROM THIS DRAWING - Verify all dimensions on site			
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			01730 892049



H Standard Wall Section - at Snug Doors 1:40




01 Wall Section - Bay and Dormer 1:40

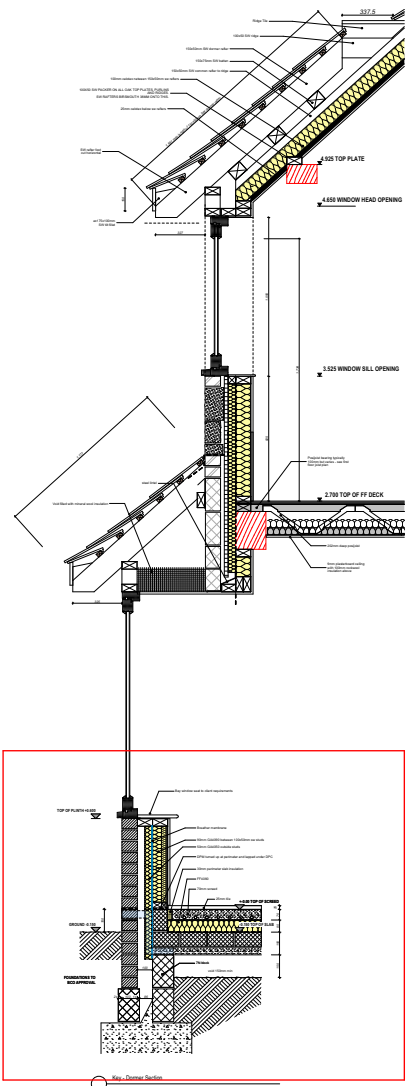


See Detail sheets for larger views of these details

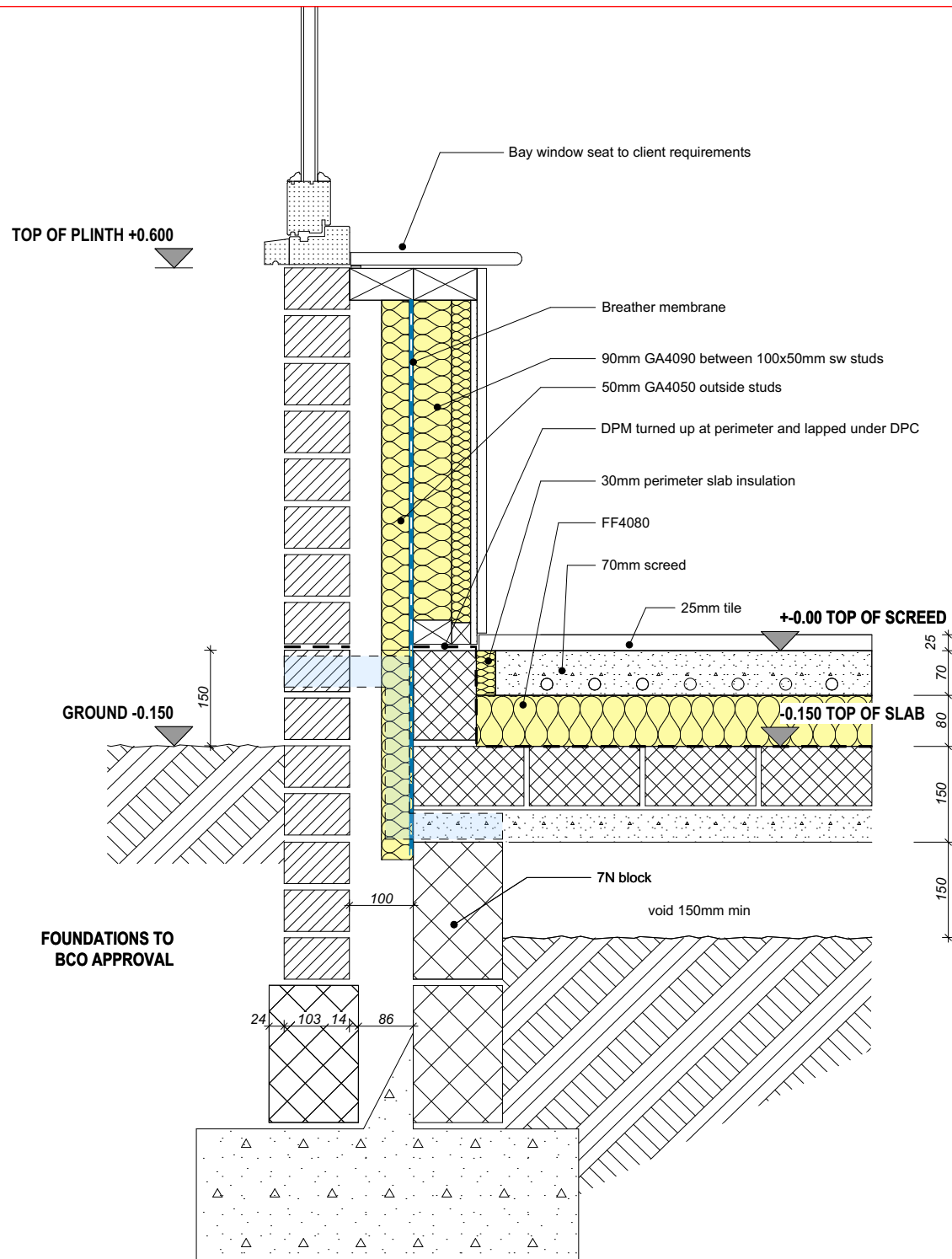
Section D - Bay Window and Dormer

DATE: -

	project name	Bumblekyte, Cocking, nr Midhurst GU29		
	address			
	site			
	scale	1:40, 1:200 @ A3	job no.	AJ0172
DO NOT SCALE FROM THIS DRAWING. Verify all dimensions on site.		THE GREEN OAK CARPENTRY COMPANY LTD, Langley, Liss, Hampshire GU33 7JW		01730 892049
		drawing no.		Rev E DET.4



Key - Dormer Section



Wall Section - Bay and Dormer

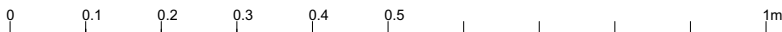
Window sill

DATE: -

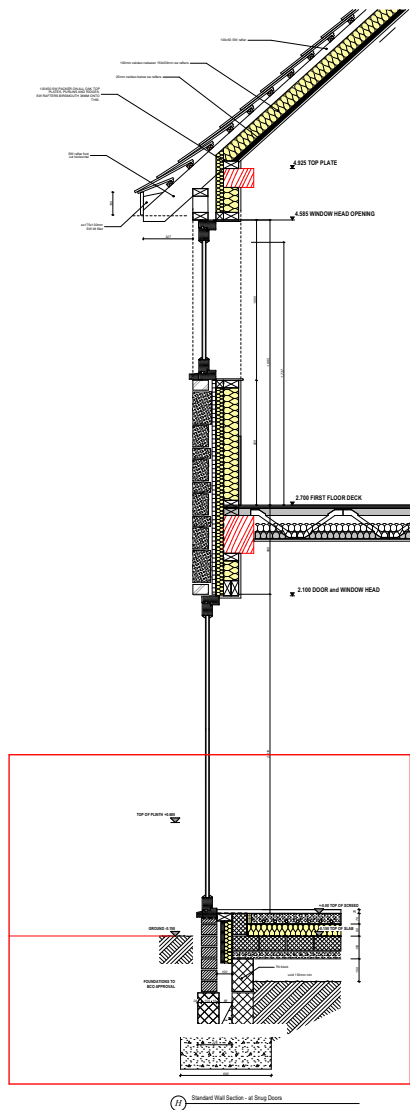


project name	Bumblekyte, Cocking, nr Midhurst GU29
address	
site	
scale	1:50 @ A3
date	
job no.	AJ0172
drawing no.	Rev E DET.5

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Scale 1 : 10



Standard Wall Section - at Snug Doors

TOP OF PLINTH +0.600

GROUND -0.150

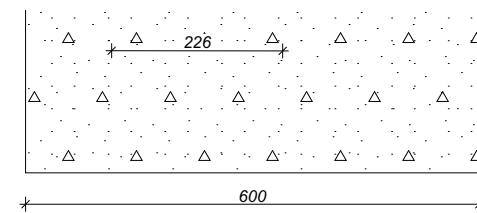
FOUNDATIONS TO
BCO APPROVAL

+0.00 TOP OF SCREED

-0.150 TOP OF SLAB

7N block

void 150mm min



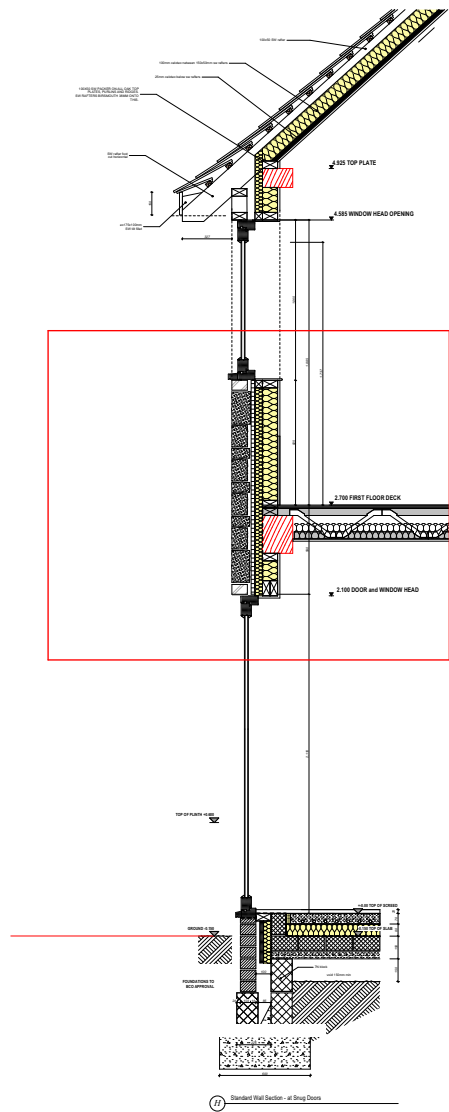
Standard Door Sill

DATE: -

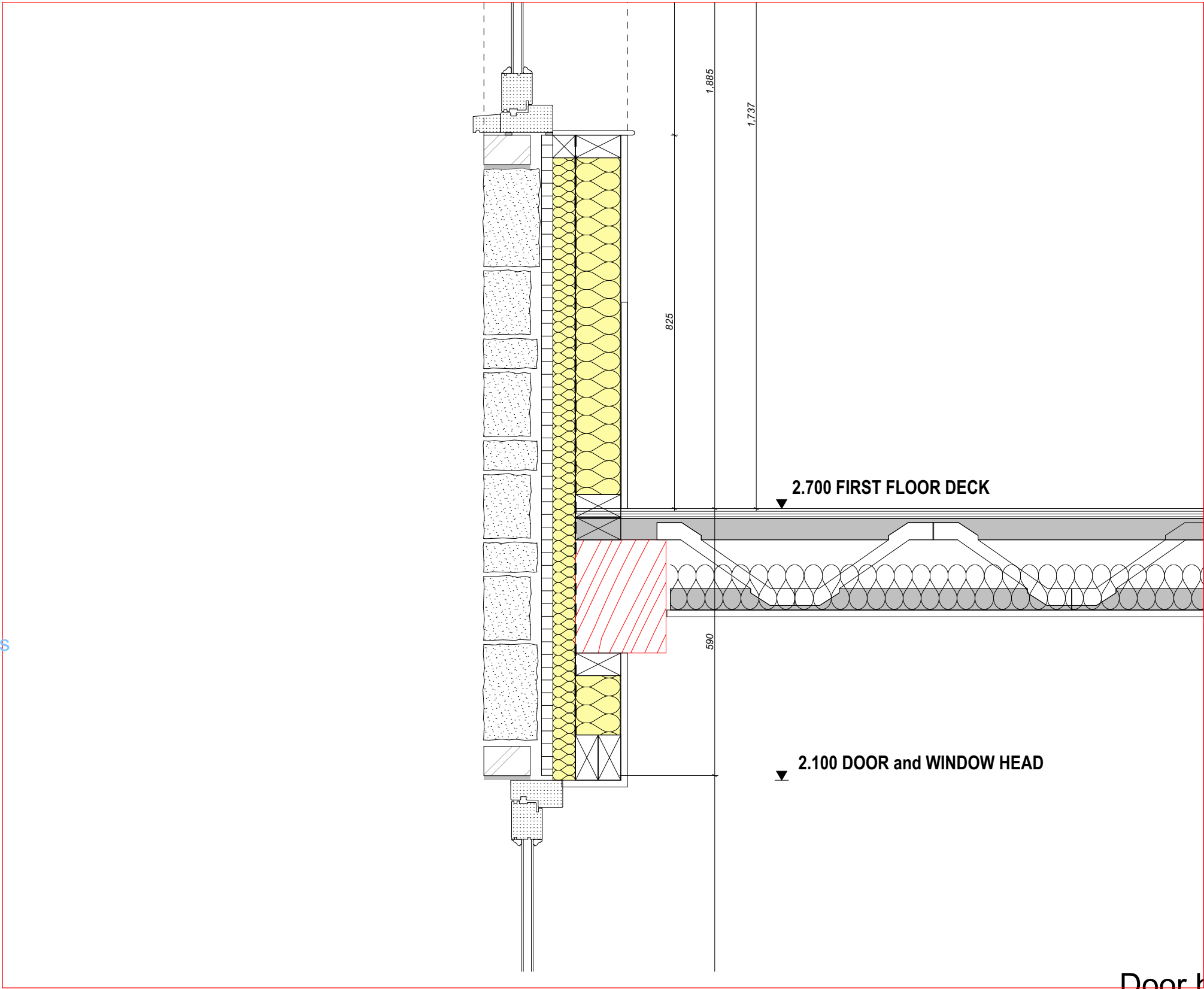


project name	Bumblekyte, Cocking, nr Midhurst GU29
address	
site	
scale	1:50 @ A3
date	
job no.	AJ0172
drawing no.	Rev E DET.6
DO NOT SCALE FROM THIS DRAWING. Verify all dimensions on site. THE GREEN OAK CARPENTRY COMPANY LTD, Langley, Liss, Hampshire GU33 7JW 01730 892049	





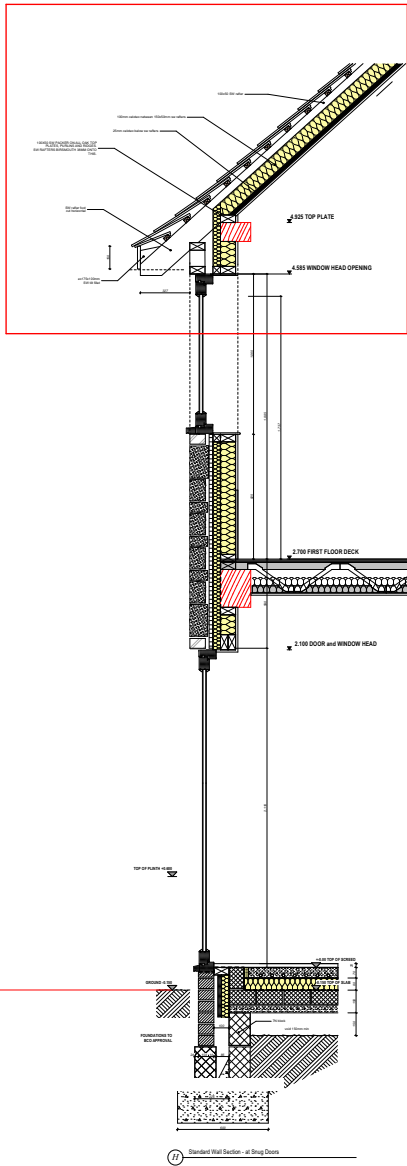
Standard Wall Section - at Snug Doors



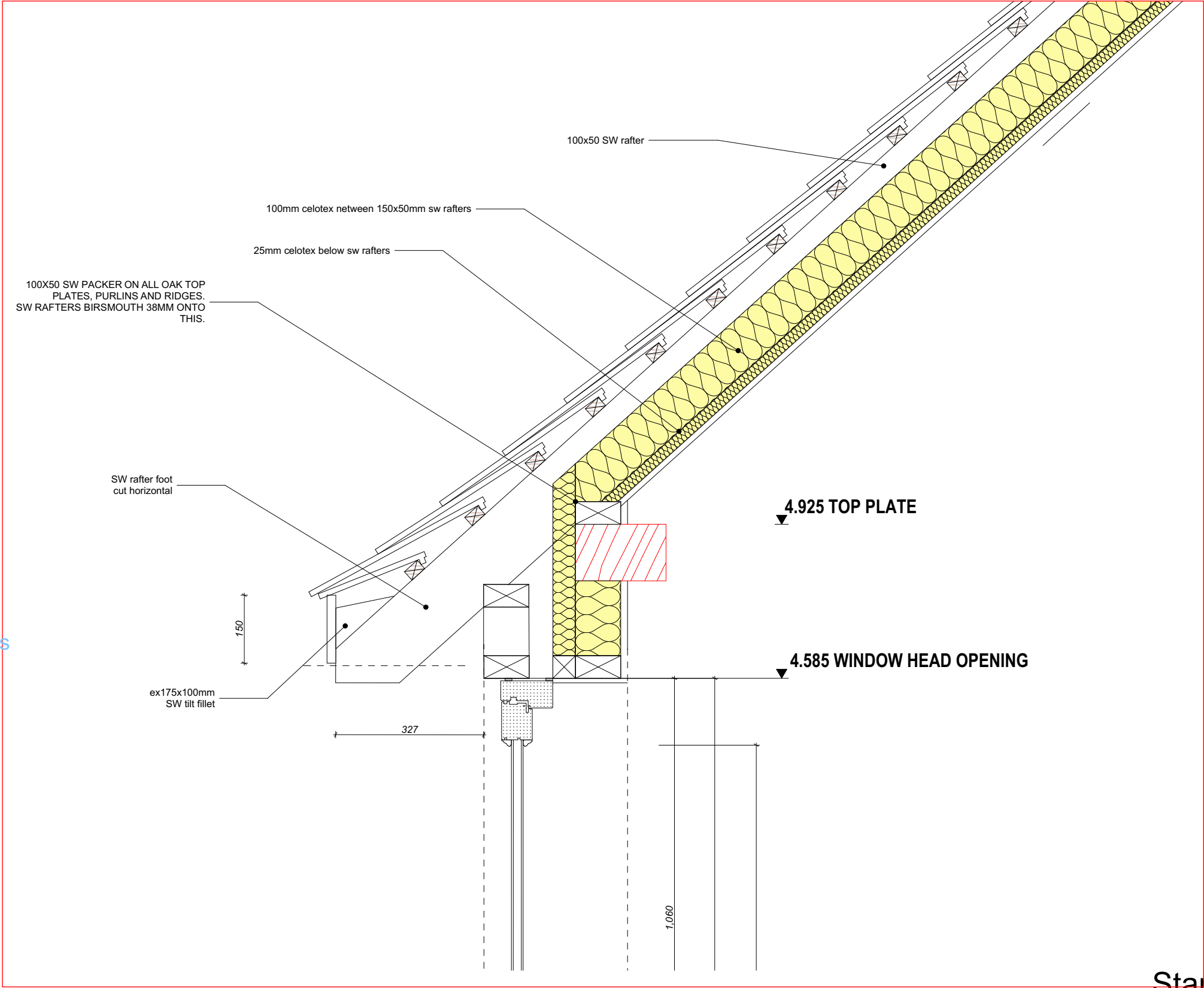
Door head and window sill

0 0.1 0.2 0.3 0.4 0.5 1m

Scale 1 : 10



Standard Wall Section - at Snug Doors



Standard window eaves

0 0.1 0.2 0.3 0.4 0.5 1m

Scale 1 : 10