

**Notes:**

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION  
 IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING CONSTRUCTION:

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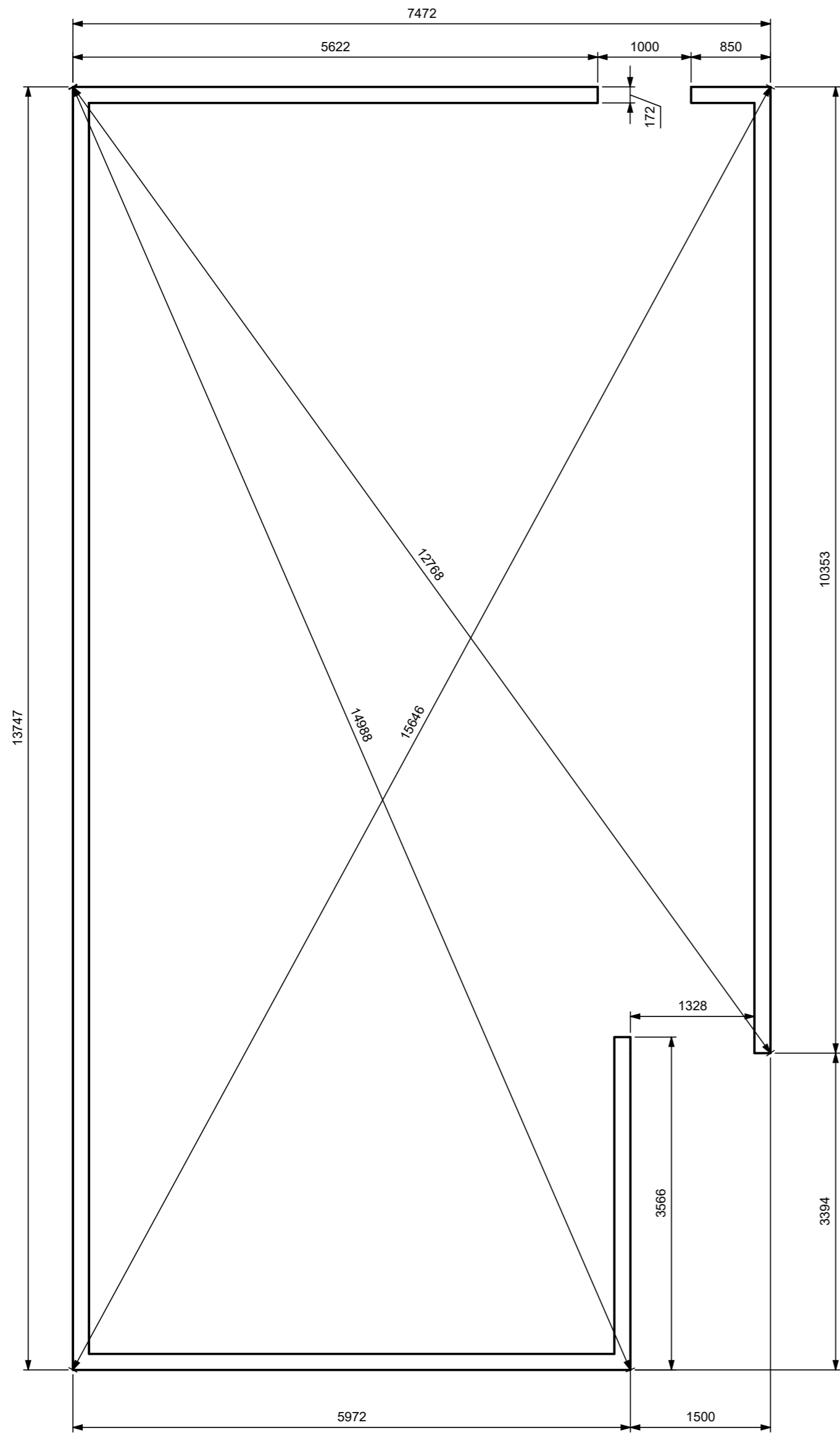
MAINTENANCE / CLEANING:

- No special measures required

DECOMMISSIONING / DEMOLITION:

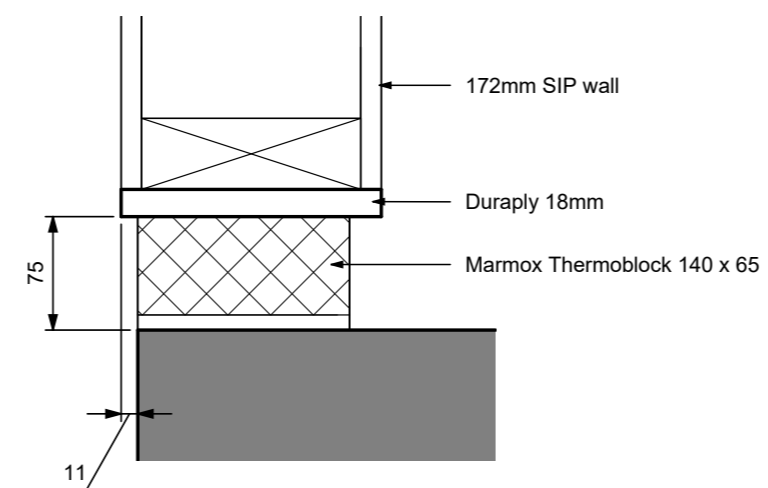
- Reverse of installation methodology

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 FOR GENERAL NOTES SEE DRAWING S-00



**Soleplate Layout**

1 : 50



**2 Soleplate section**

1 : 5

P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



STATUS: **PRELIMINARY**

CLIENT NAME:

SITE:

TITLE: **SOLEPLATE LAYOUT**

SCALE AT A2: As indicated	DATE: Oct '21	DRAWN: JM	CHECKED: RT
DRAWING NO: 0000	ECO V1 01 DR S 1000	REVISION: P2	
<small>Client Proj no.</small>	<small>Originator Volume Level Type Role Number</small>		

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 FOR GENERAL NOTES SEE DRAWING S-00

Wall Schedule	
Ref#	Type
WT1	172mm Sips Panel
WT2	89mm + 9mm OSB Studwork
WT3	89mm Non Loadbearing Studwork

Opening Schedule...		
Ref#	Structural Opening	
	Width (mm)	Height (mm)
D01	1100	2019
D02	1100	2019
D03	838	2019
D04	838	2019
D05	838	2019
DG01	1340	2400
DG02	1000	2100
WG01	3575	2400
WG02	3318	2400
WG03	1081	2400
WG04	3244	2400
WG05	2162	2400
WG06	2500	500
WG07	566	1510
WG08	3319	2400

P3	AMENDED TO SUIT COMMENTS	JM	16/12/21
P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



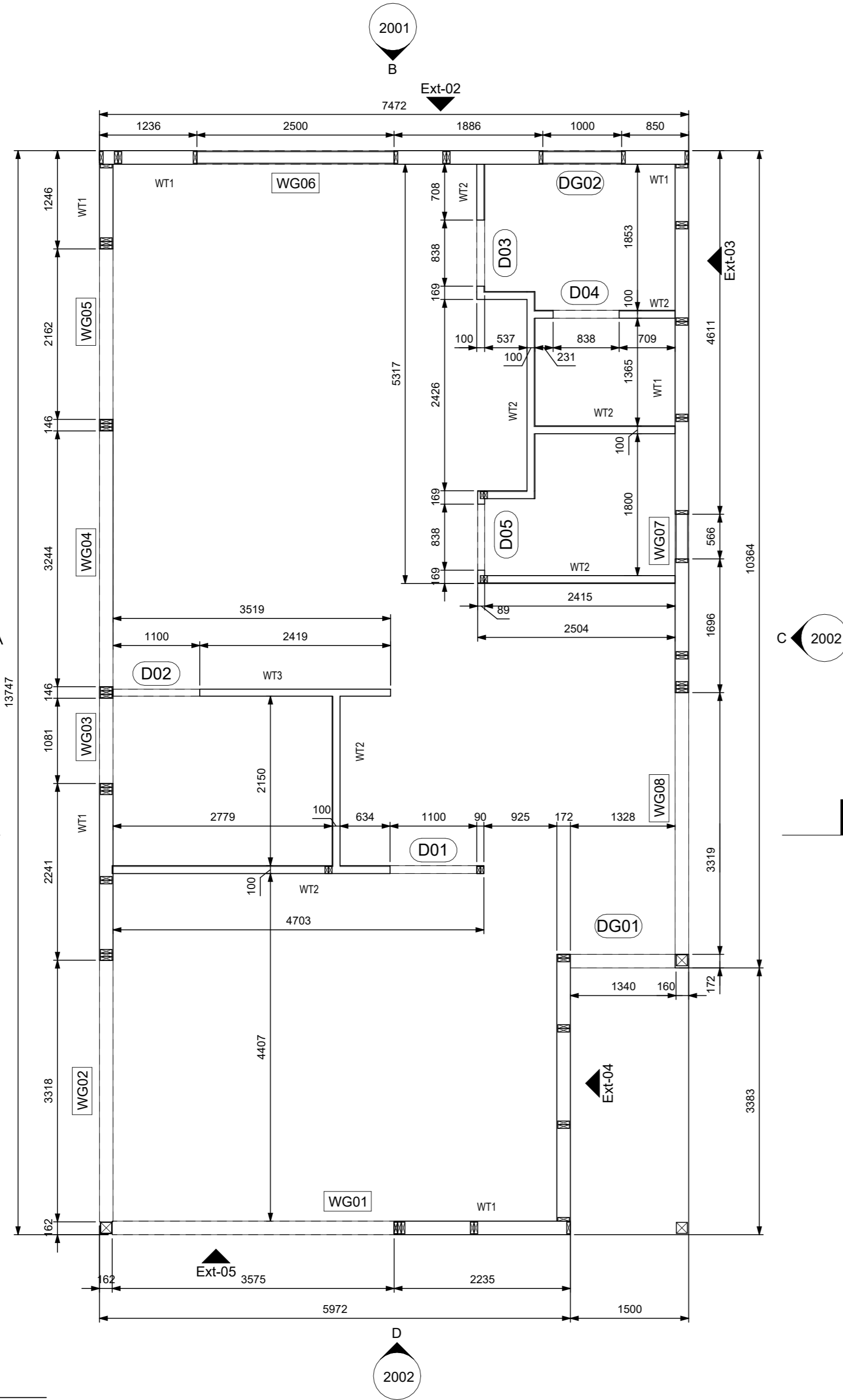
STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **GROUND FLOOR LAYOUT**

SCALE AT A2: 1 : 50	DATE: Oct '21	DRAWN: JM	CHECKED: RT
DRAWING NO: 0000	ECO V1 00 DR S 1001	REVISION: P3	
<small>Client Proj no.</small>	<small>Originator Volume Level Type Role Number</small>		



**Ground Floor**  
1 : 50

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DECOMMISSIONING / DEMOLITION:  
 • Reverse of installation methodology

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 FOR GENERAL NOTES SEE DRAWING S-00

**Wall Schedule**

Ref#	Type
WT1	172mm Sips Panel
WT2	89mm + 9mm OSB Studwork
WT3	89mm Non Loadbearing Studwork

**Opening Schedule First**

Ref#	Structural Opening	
	Width (mm)	Height (mm)
D06	838	2019
D07	838	2019
D08	838	2019
D10	800	2019
D11	800	2019
D12	838	2019
WF01	1150	1755
WF02	1150	1755
WF03	1150	1755
WF04	1150	1755
WF05	2500	2435
WF06	1150	1755
WF07	1150	1755
WF08	1150	1755
WF09	1150	1755

P3	AMENDED TO SUIT COMMENTS	JM	16/12/21
P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



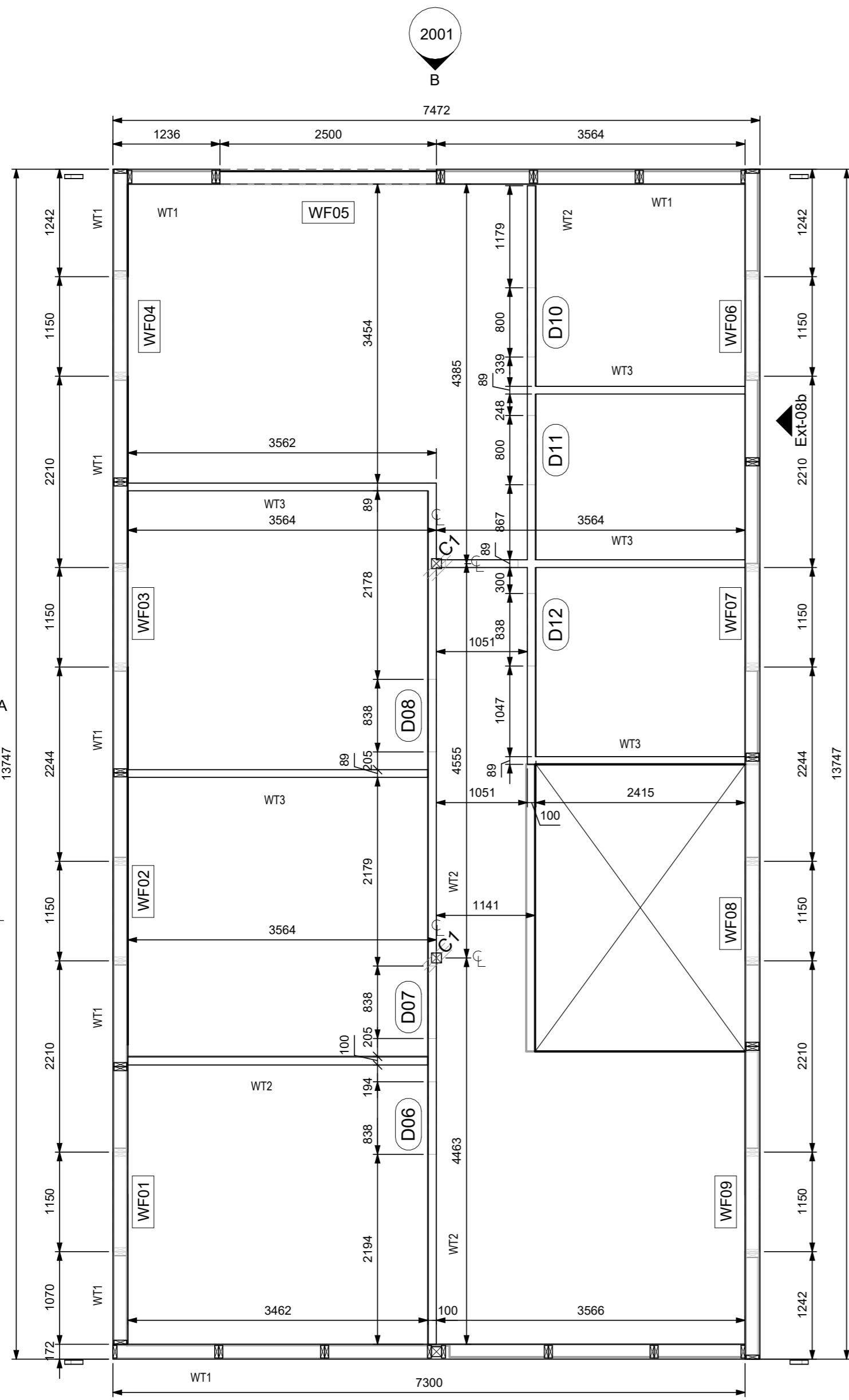
STATUS: **PRELIMINARY**

CLIENT NAME:

SITE:

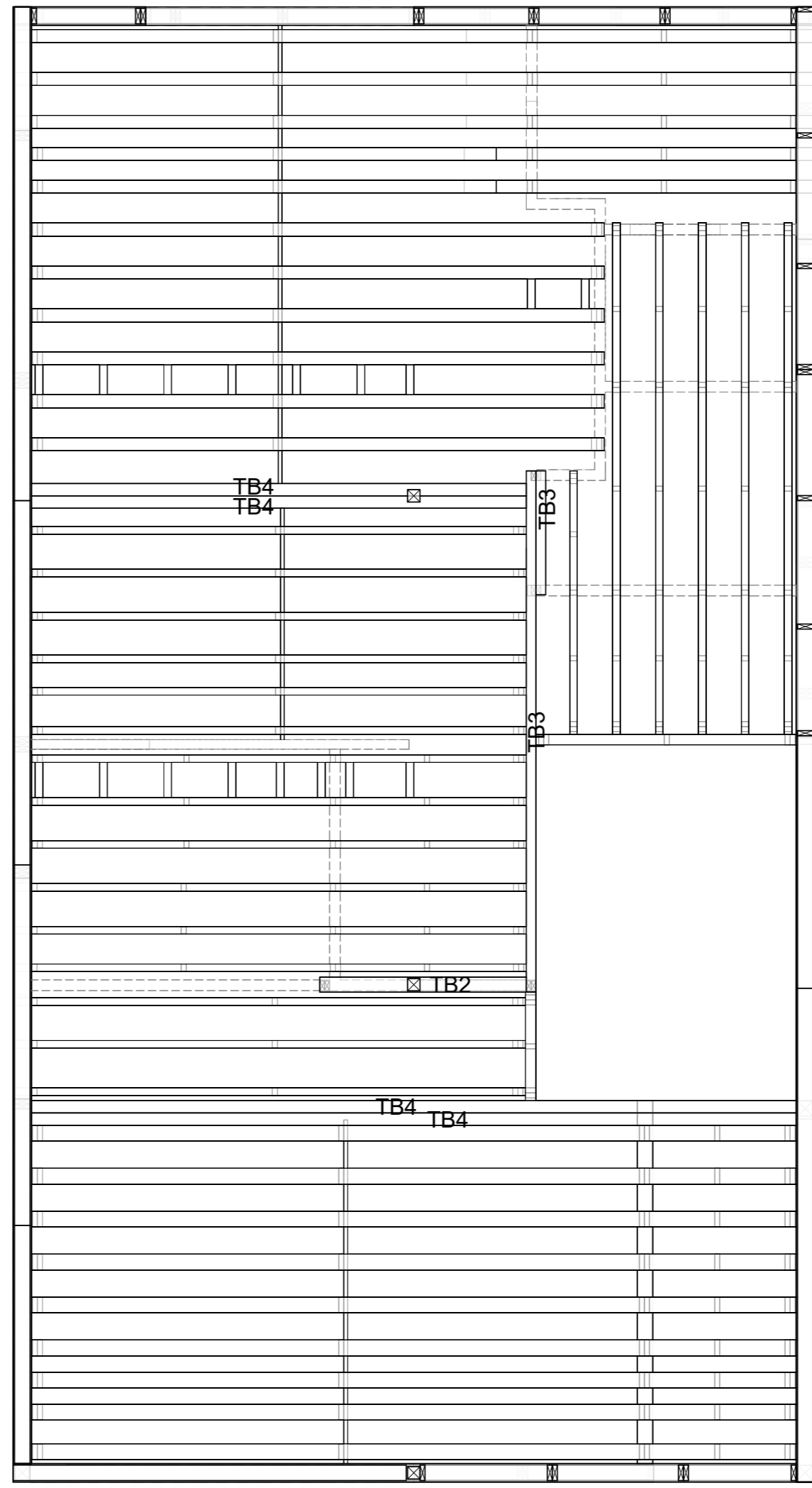
TITLE: **1st FLOOR LAYOUT**

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
1 : 50	Oct '21	JM	RT
DRAWING NO:			REVISION:
0000	ECO V1 01 DR S 1002		<b>P3</b>
<small>Client Proj no.</small>	<small>Originator</small>	<small>Volume</small>	<small>Level</small>
<small>Number</small>	<small>Type</small>	<small>Role</small>	<small>Number</small>



**First Floor**

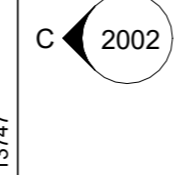
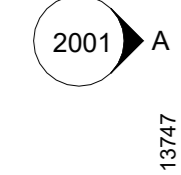
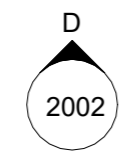
1 : 50



**First Floor Joists**

1 : 50

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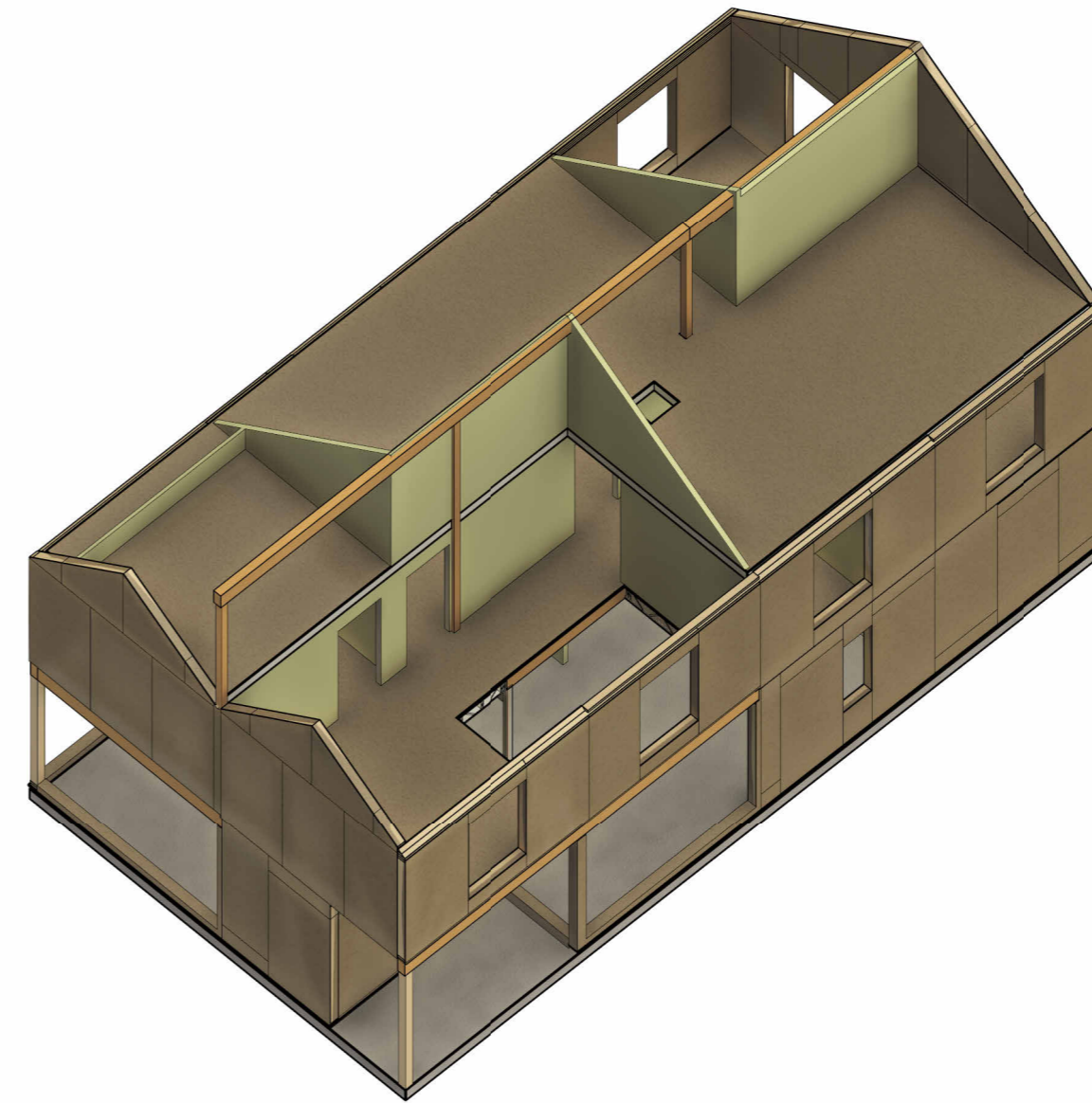
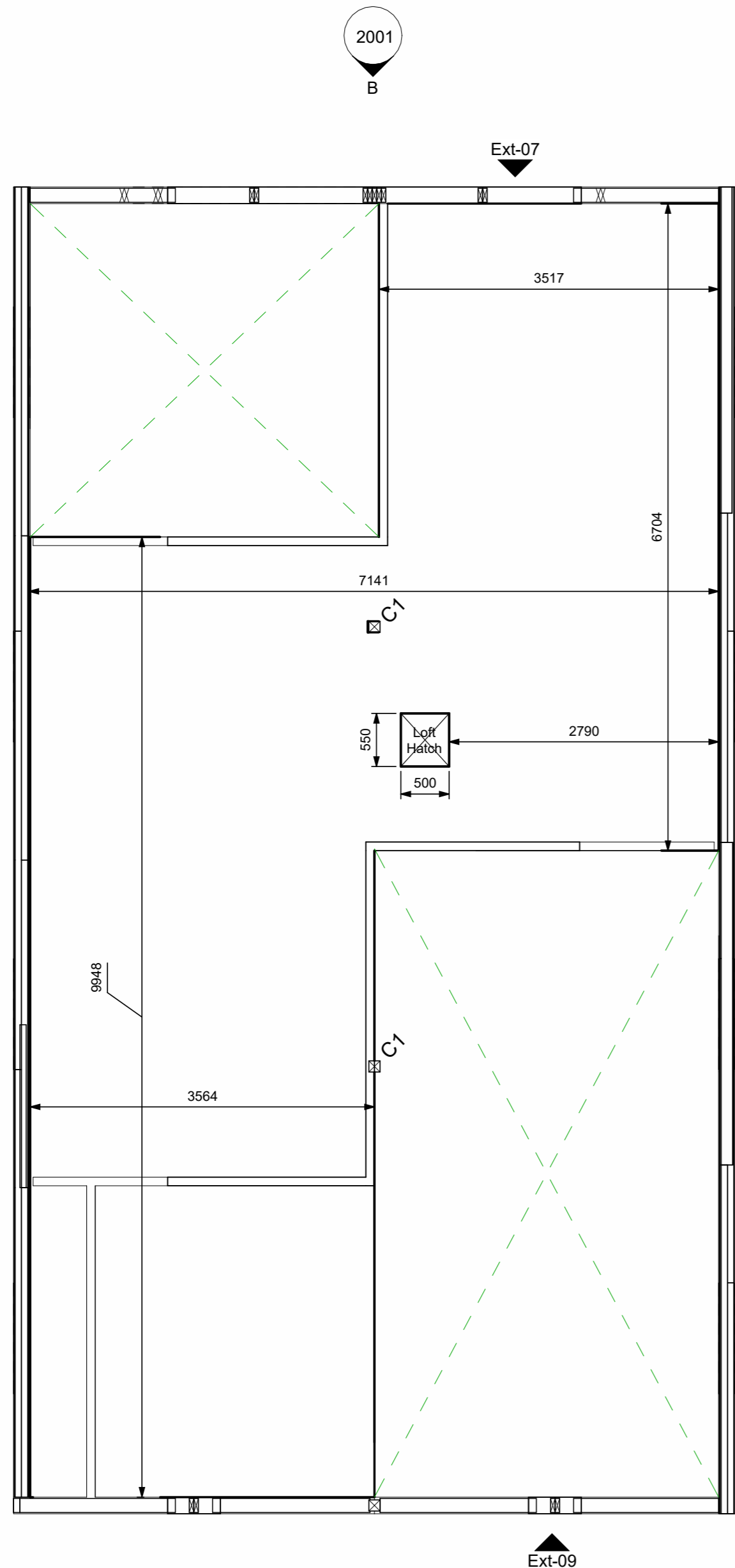
MAINTENANCE / CLEANING:

- No special measures required

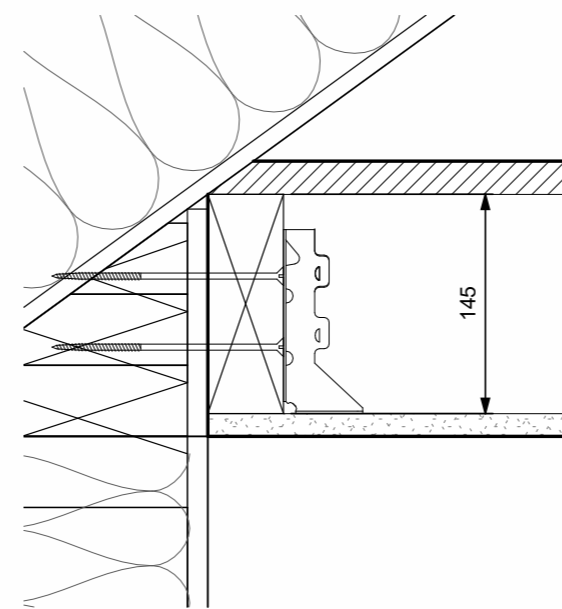
DECOMMISSIONING / DEMOLITION:

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Loft Space 3D



Loft floor eaves edge

1 : 5

Loft Space

1 : 50

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REV	DESCRIPTION	BY	DATE
-----	-------------	----	------



STATUS: **PRELIMINARY**

CLIENT NAME:

SITE:

TITLE: **LOFT SPACE**

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
As indicated	07.01.22	RA	
DRAWING NO:	REVISION:		
0000	ECO V1 02 DR S	1003	
<small>Client Proj no.</small>	<small>Originator</small>	<small>Volume</small>	<small>Level</small>
<small>Role</small>	<small>Number</small>		

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 FOR GENERAL NOTES SEE DRAWING S-00

Roof SIPS Schedule	
Ref#	Type

Opening Schedule Roof		
Ref#	Structural Opening	
	Width (mm)	Height (mm)
RL01	1140	1600

REV	DESCRIPTION	BY	DATE
P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21



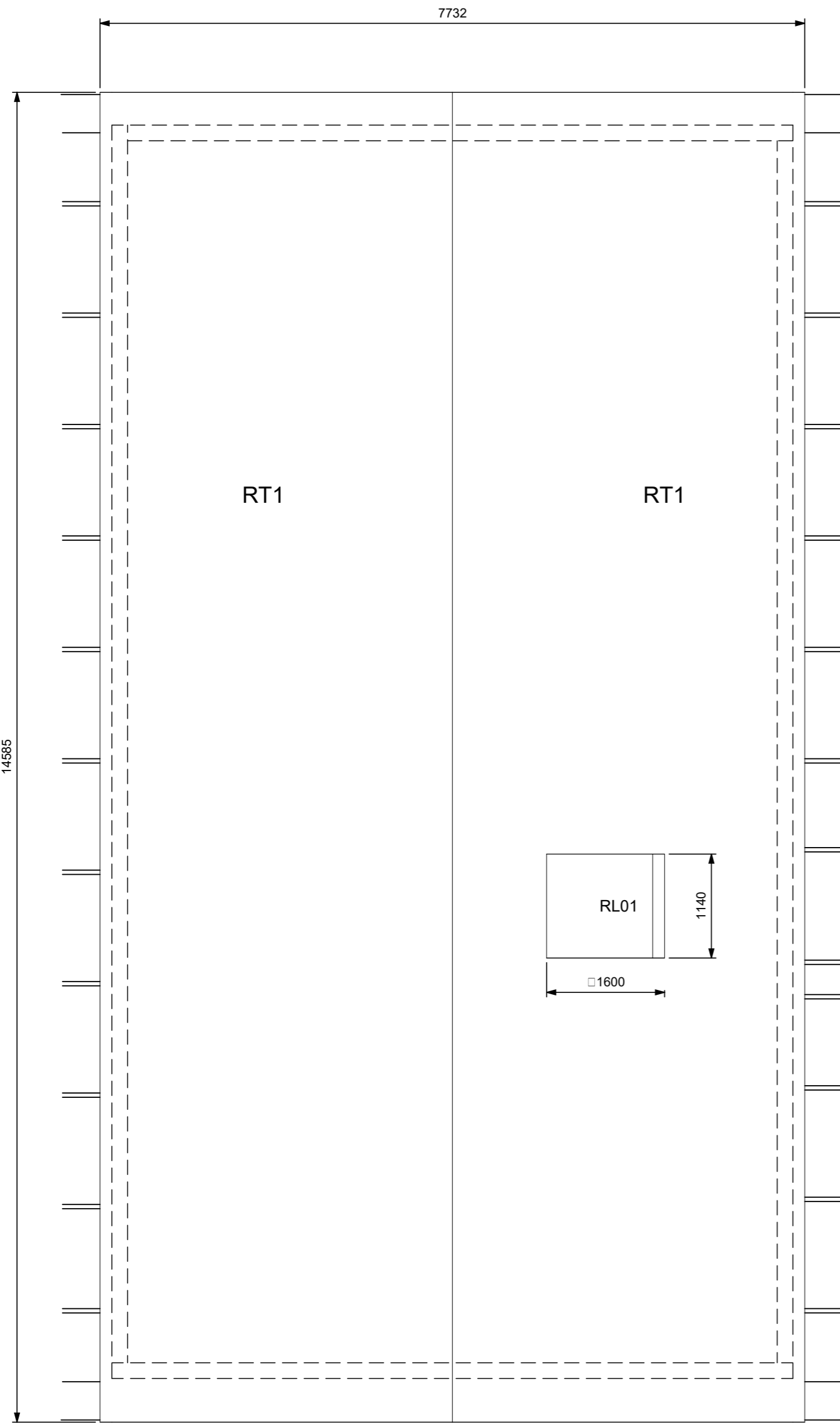
STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **ROOF LAYOUT**

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
1 : 50	Oct '21	JM	RT
DRAWING NO:	REVISION:		
0000 ECO V1 02 DR S 1004	P2		



**Roof Layout**

1 : 50

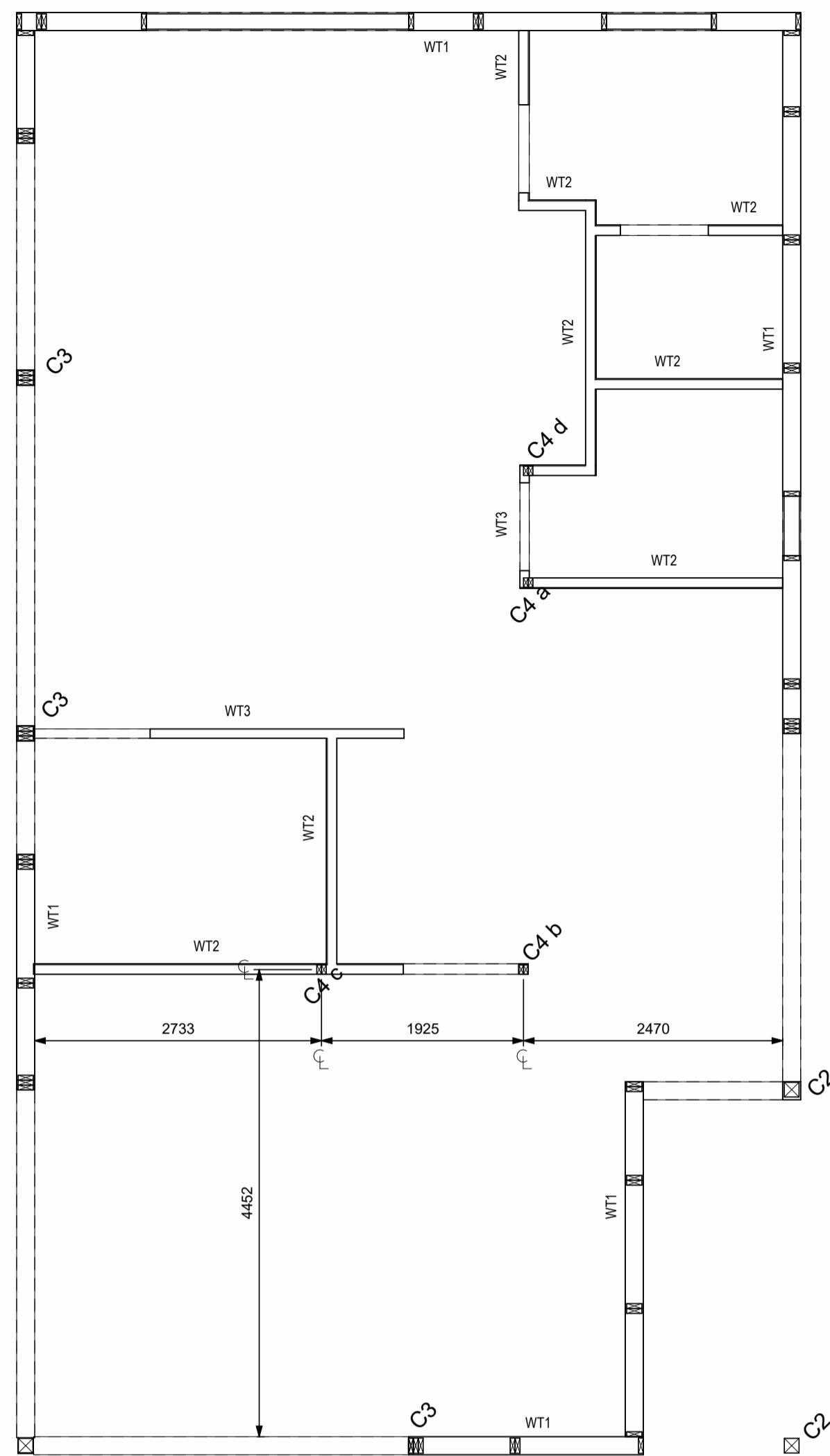
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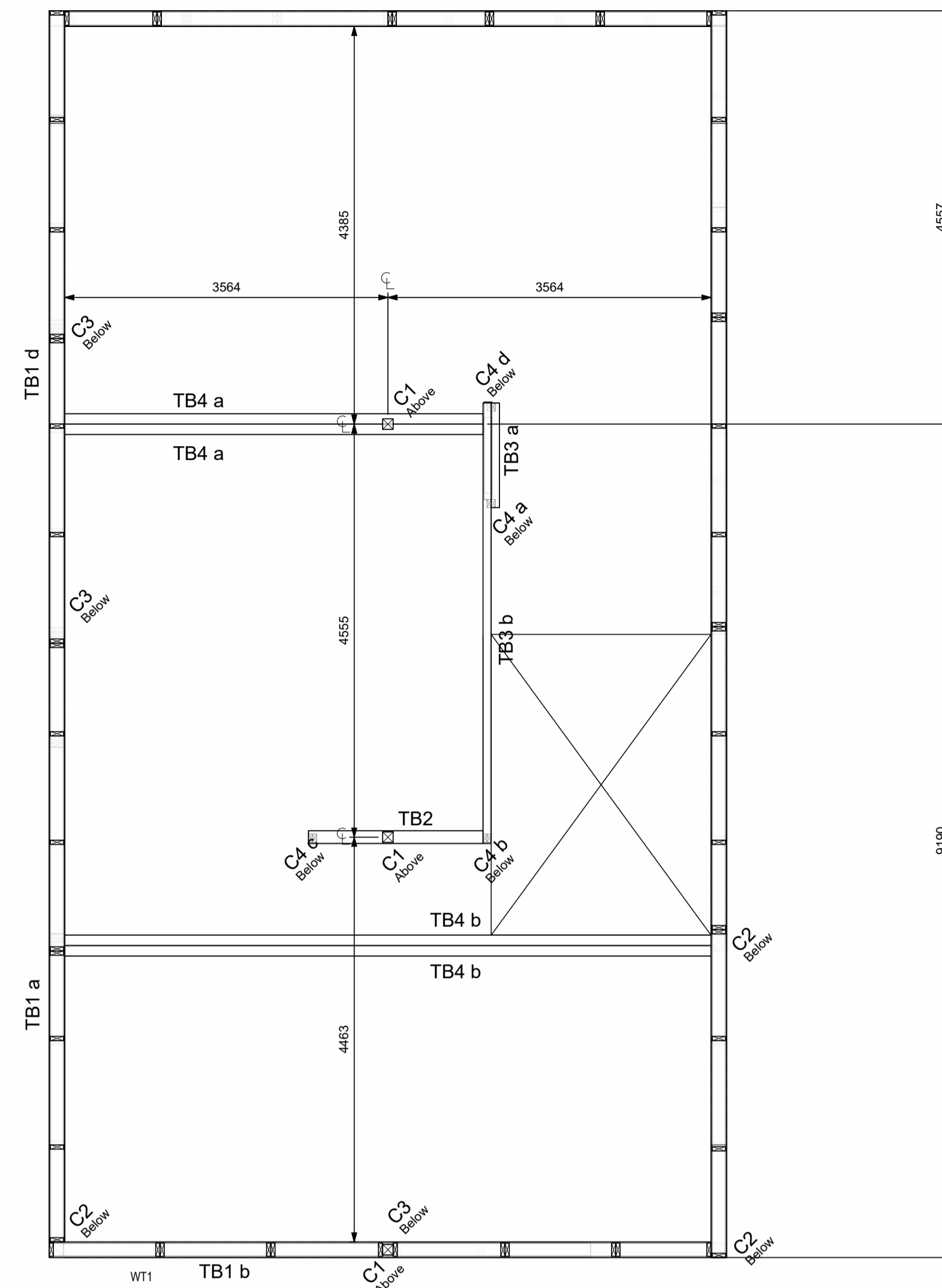
**Structural Schedule**

Ref#	Type
C1	115x115 GL28H Glulam Post
C2	140x140 GL28H Glulam Post
C4	2 No. 45 x 89 C24 Timber Studs
C5	3 No. 47x145 C24 Timber Studs
TB1	140x315 GL28H Glulam Beam
TB2	140x225 GL28H Glulam Beam
TB3	90x270 GL28H Glulam Beam
TB4	115x270 GL28H Glulam Beam
TB5	140x270 GL28H Glulam Beam
WT2	89mm + 9mm OSB Studwork
WT3	89mm Non Loadbearing Studwork



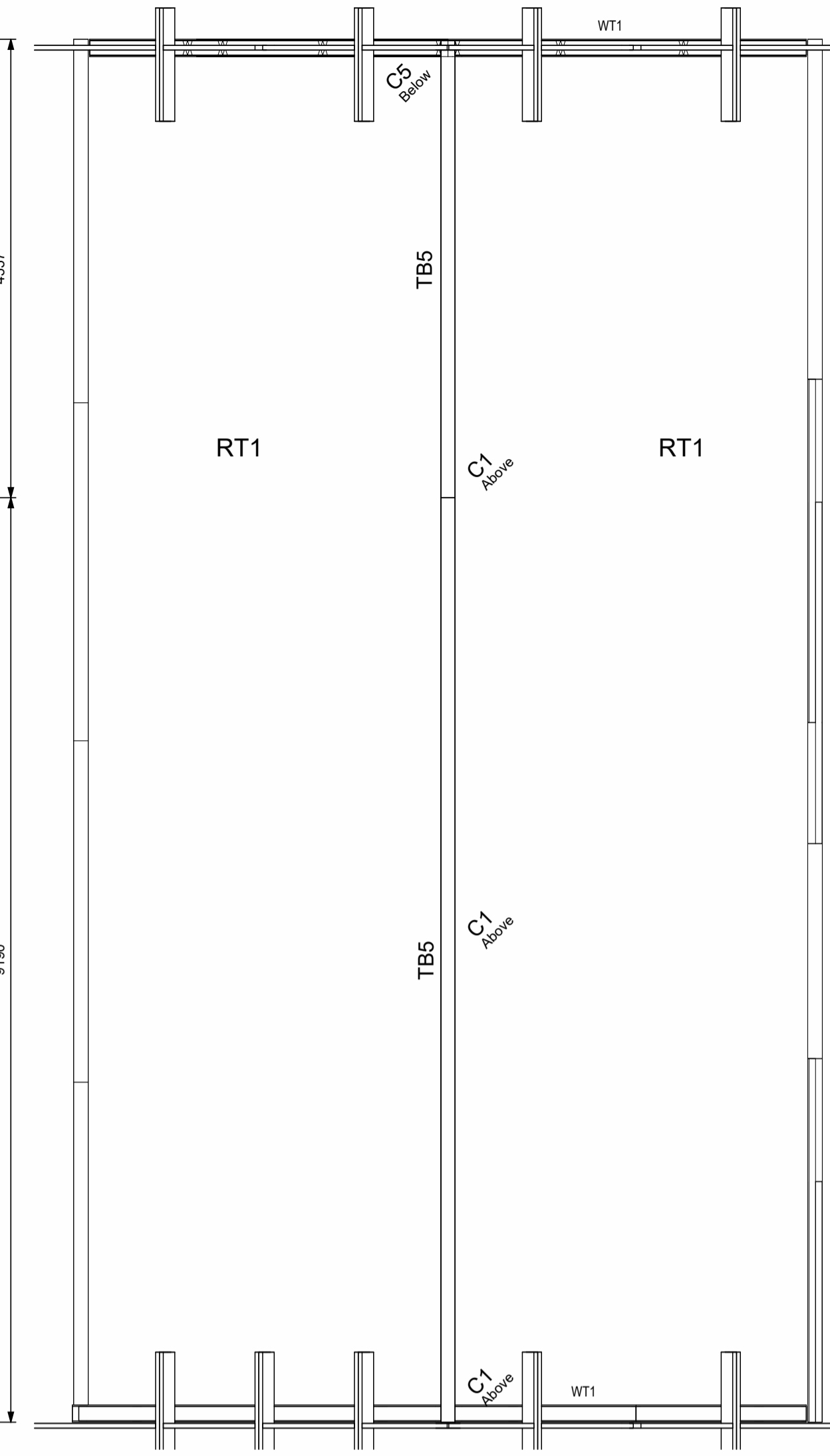
Ground Floor Structural Layout

1 : 50



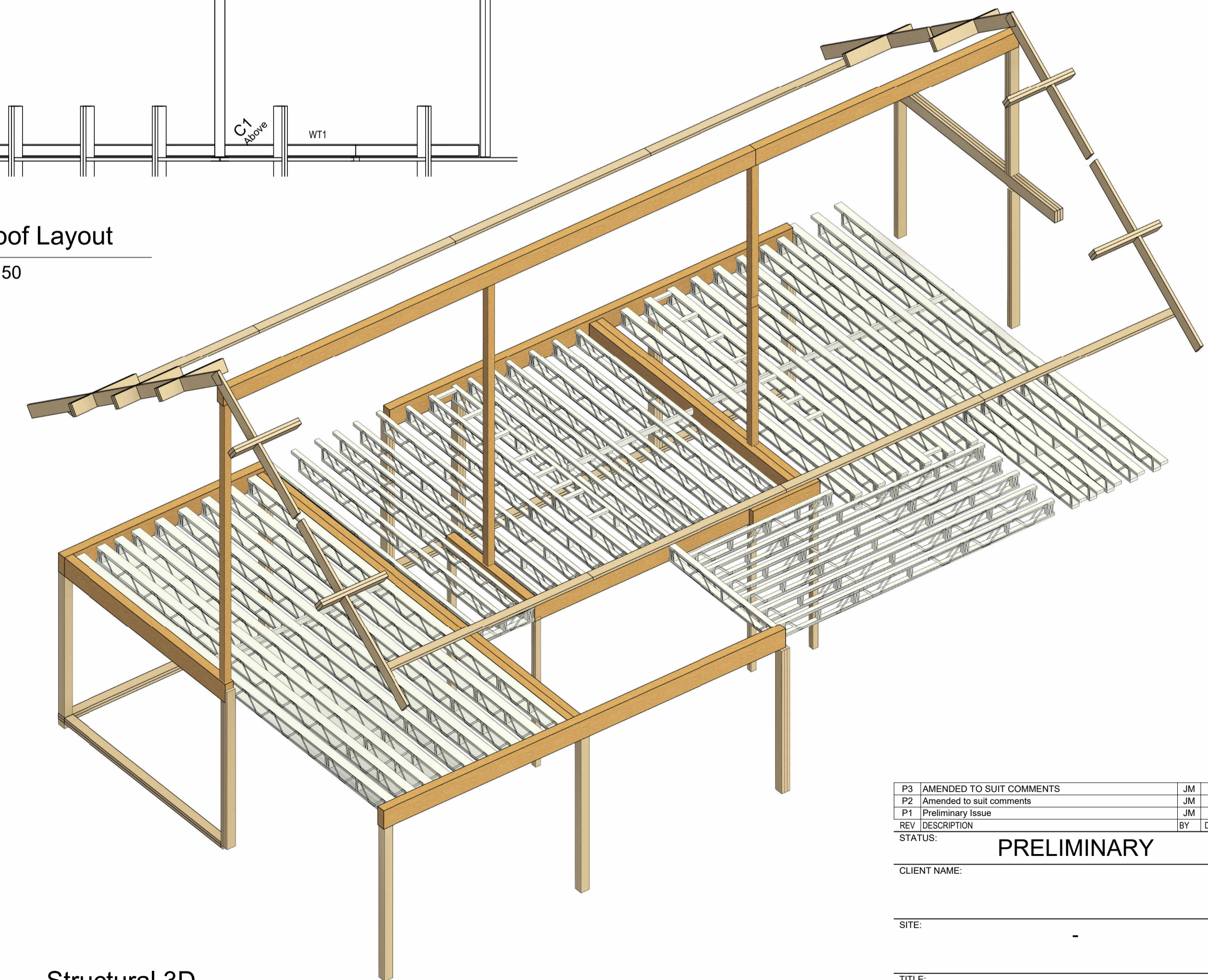
First Floor Structural Layout

1 : 50



Roof Layout

1 : 50



Structural 3D

REV	DESCRIPTION	BY	DATE
P3	AMENDED TO SUIT COMMENTS	JM	16/12/21
P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21

STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **STRUCTURAL LAYOUT**

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1 : 50	Nov '21	JM	RT
DRAWING NO:	0000 TEC V1 01 DR S 1100		REVISION:
			<b>P3</b>

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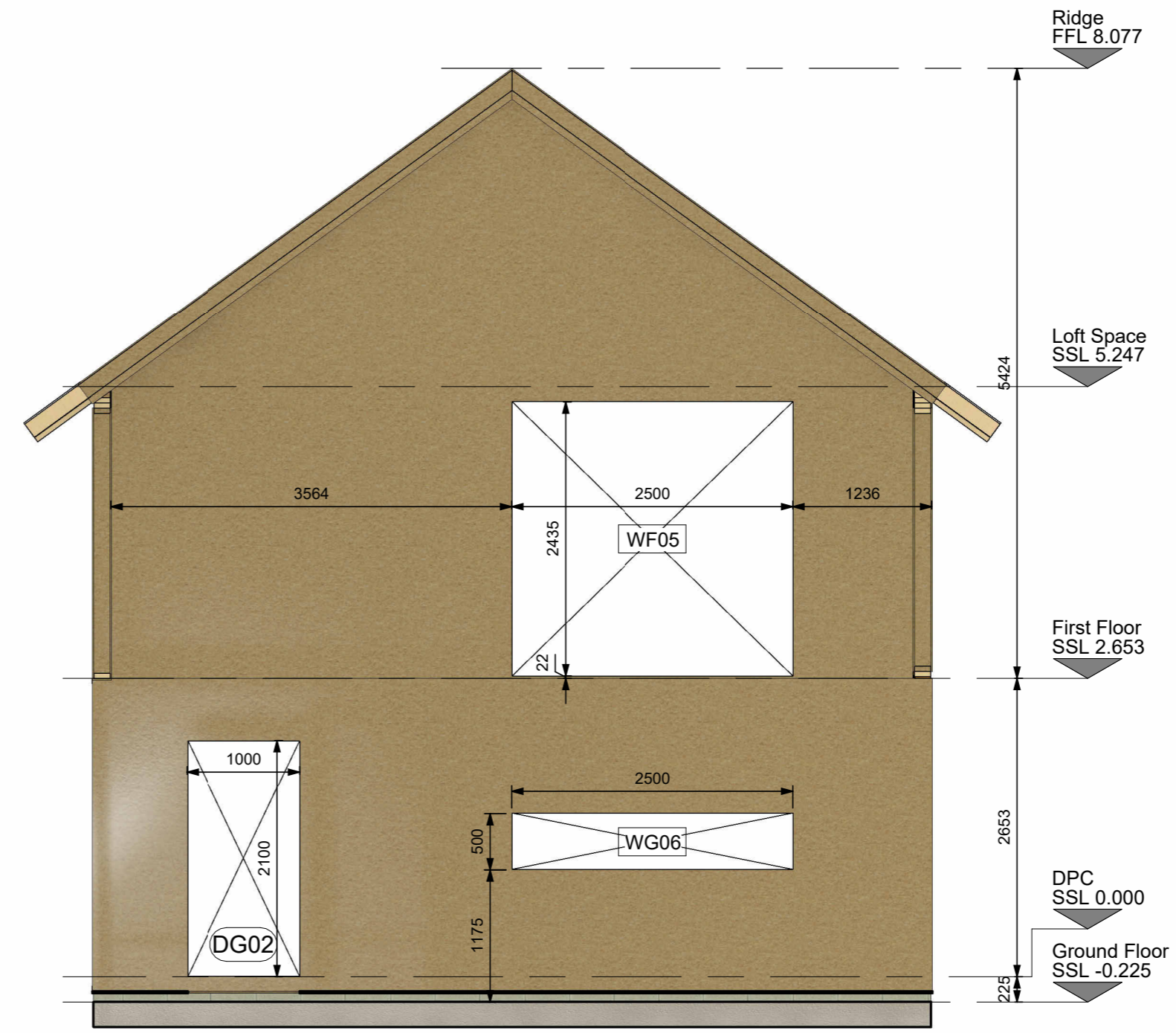
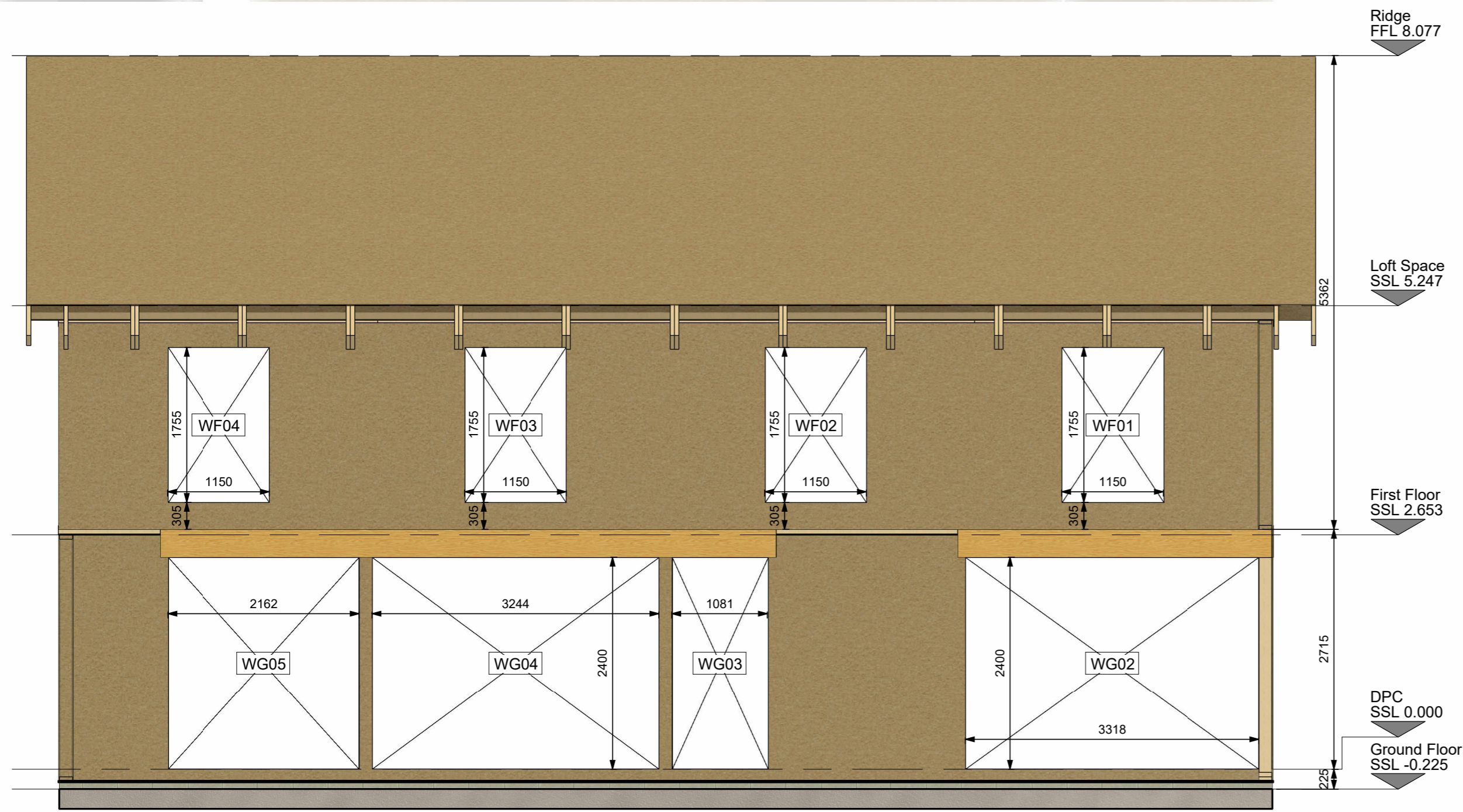
MAINTENANCE / CLEANING:

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DECOMMISSIONING / DEMOLITION:

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**Elevation A**

1 : 50

**Elevation B**

1 : 50

P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **BUILDING ELEVATIONS SHEET 1**

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
1 : 50	Oct '21	JM	RT
DRAWING NO:	REVISION:		
0000	ECO V1 XX DR S 2001	P2	
<small>Client Proj no.</small>	<small>Originator</small>	<small>Volume</small>	<small>Level</small>
<small>Number</small>	<small>Type</small>	<small>Role</small>	<small>Number</small>

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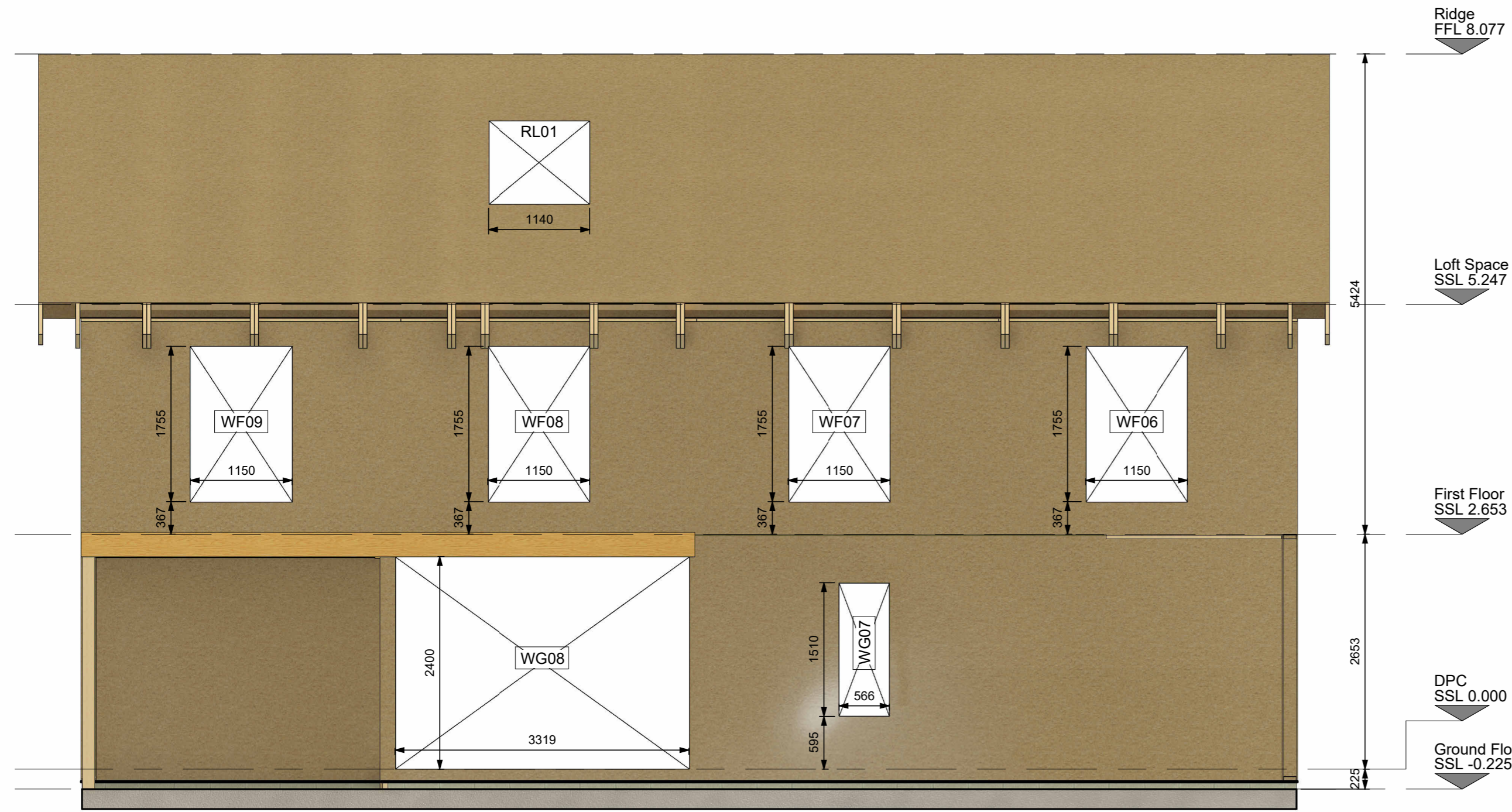
MAINTENANCE / CLEANING:

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DECOMMISSIONING / DEMOLITION:

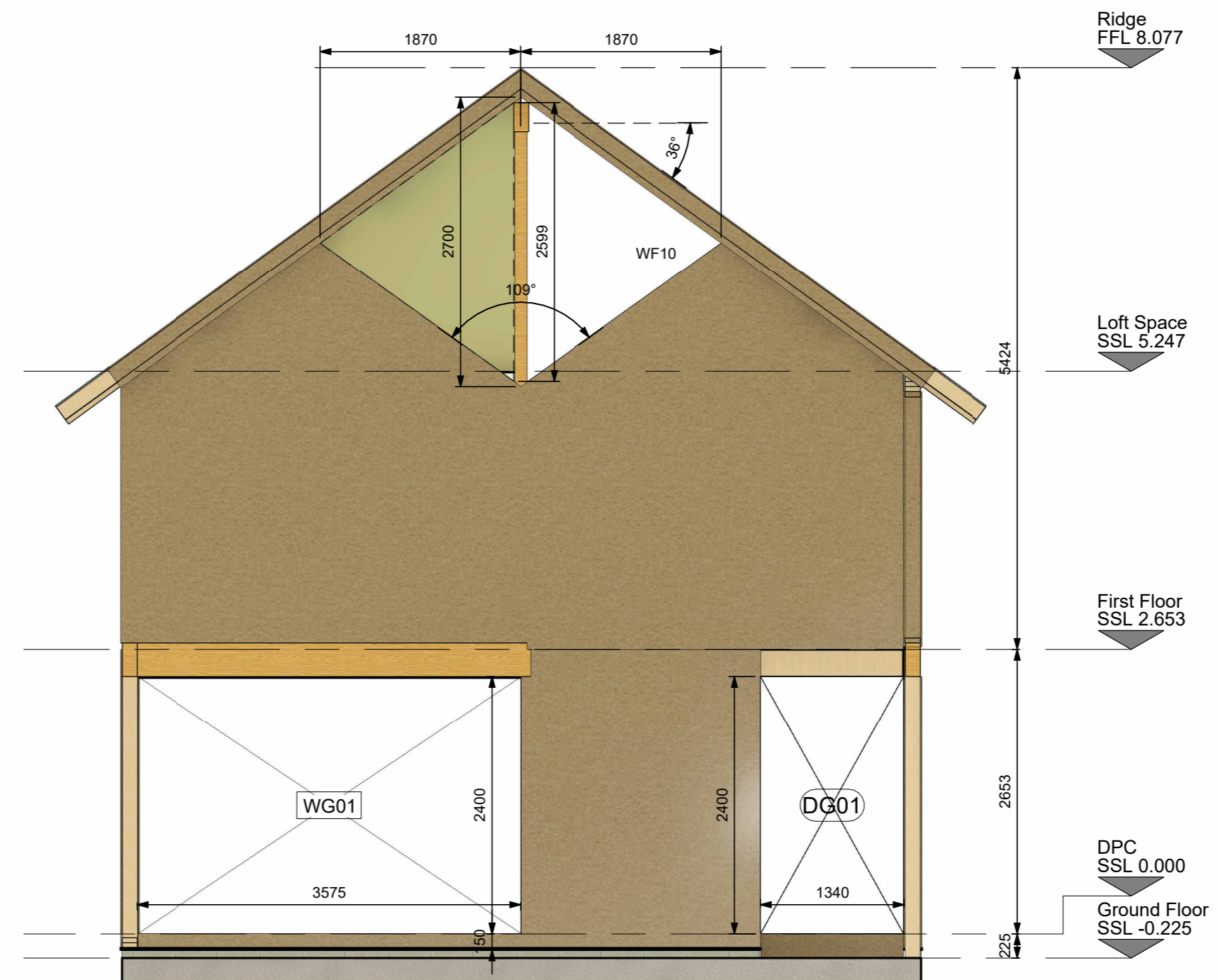
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**Elevation C**

1 : 50



**Elevation D**

1 : 50

P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **BUILDING ELEVATIONS SHEET 2**

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
1 : 50	Oct '21	JM	RT
DRAWING NO:	REVISION:		
0000 ECO V1 XX DR S 2002	P2		
<small>Client Proj no. Originator Volume Level Type Role Number</small>			

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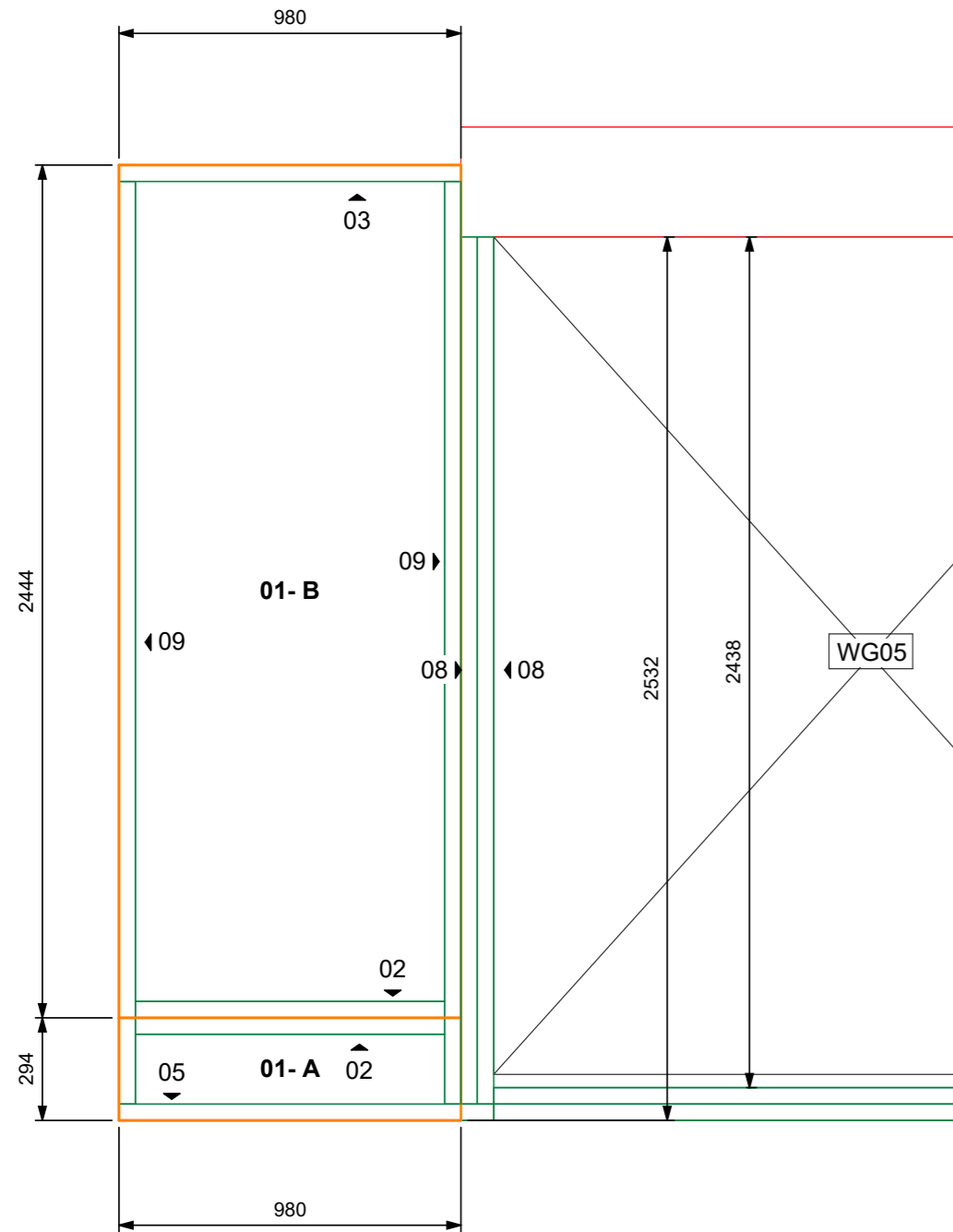
MAINTENANCE / CLEANING:

- No special measures required

DECOMMISSIONING / DEMOLITION:

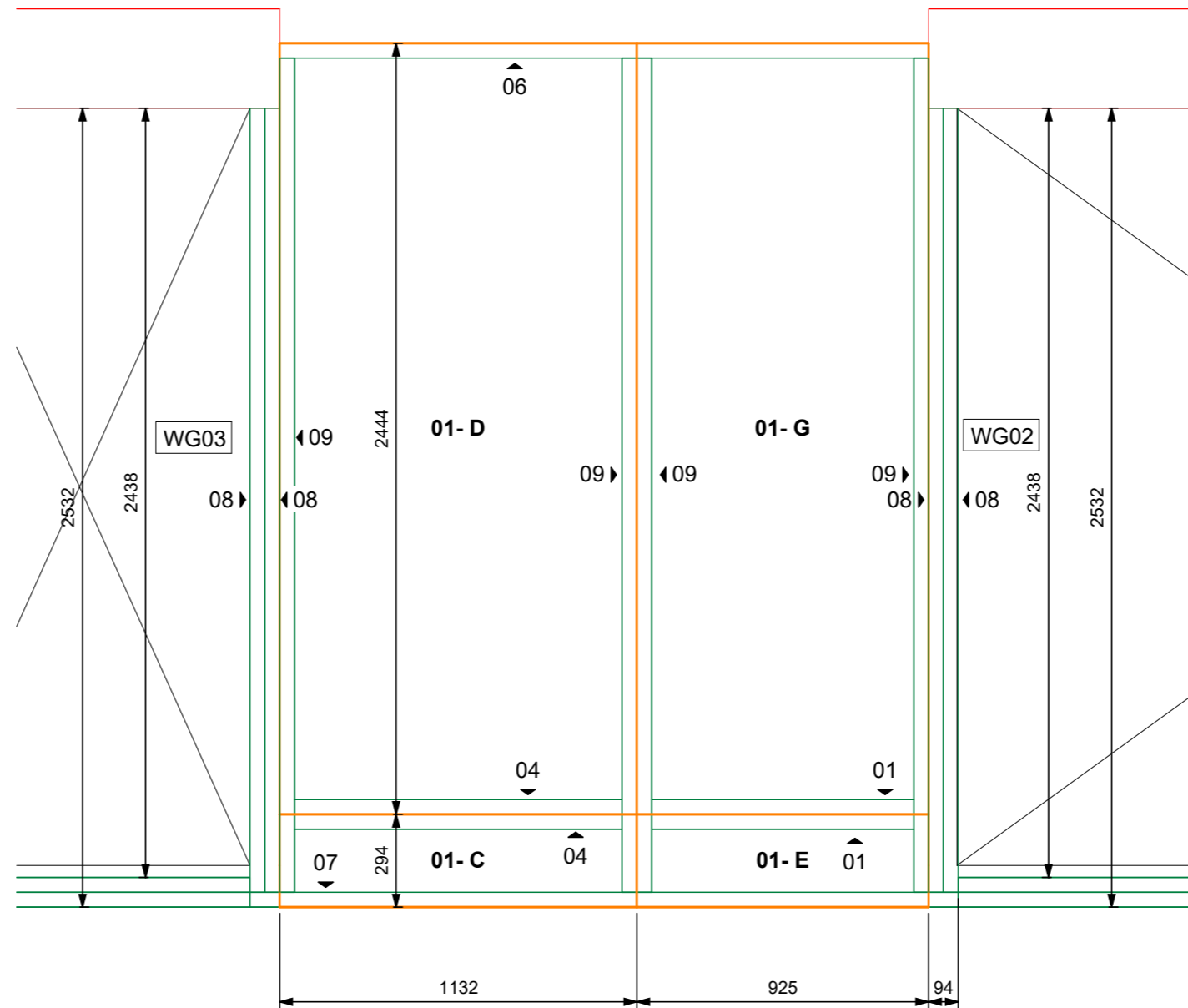
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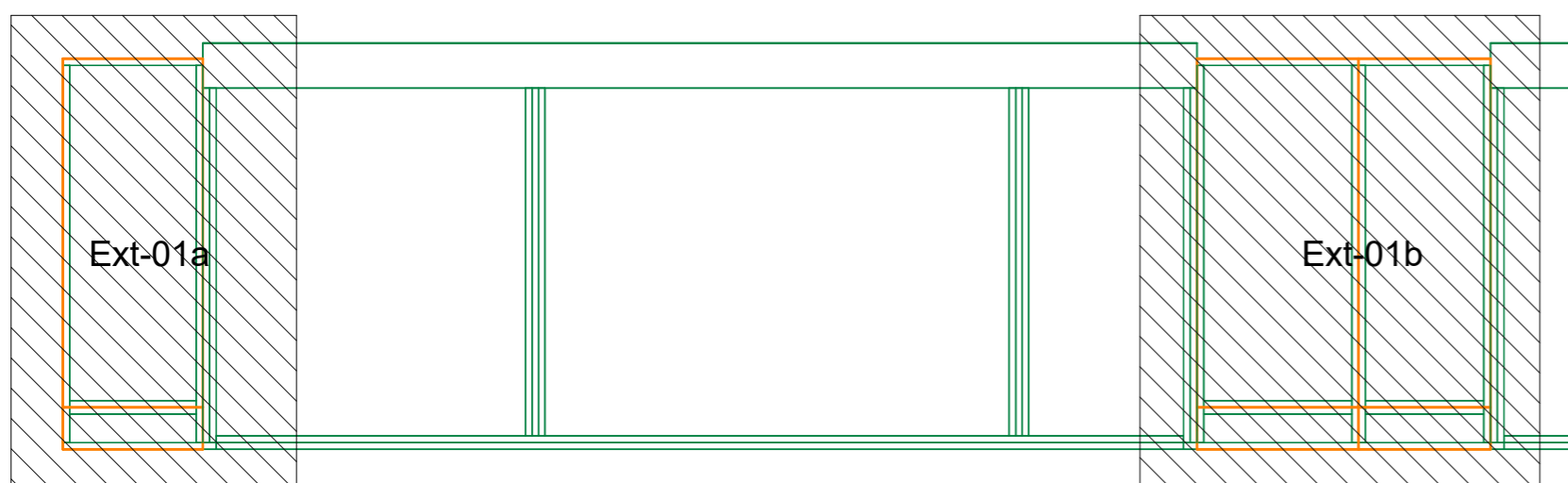
**Ext-01a - 172 SIPs Panel**

1 : 20



**Ext-01b - 172 SIPs Panel**

1 : 20



**Ext-01 Key Plan**

1 : 50

TIMBER LIST - Ext 01								
WALL	TIMBER	TIMBER DIMS		TIMBER LENGTH (mm)	COUNT	ANGLED CUTS	CUT BY	LOADED BY
		D	W					
01	01	47	145	830	2			
01	02	47	145	885	2			
01	03	47	145	980	1			
01	04	47	145	1040	2			
01	05	47	145	1075	1			
01	06	47	145	2055	1			
01	07	47	145	2245	1			
01	08	47	145	2485	6			
01	09	47	145	2645	6			
01	07	47	145	3460	2			
01		315	140	3555	1			
01	05	47	145	6780	2			
01		315	140	6965	1			

P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

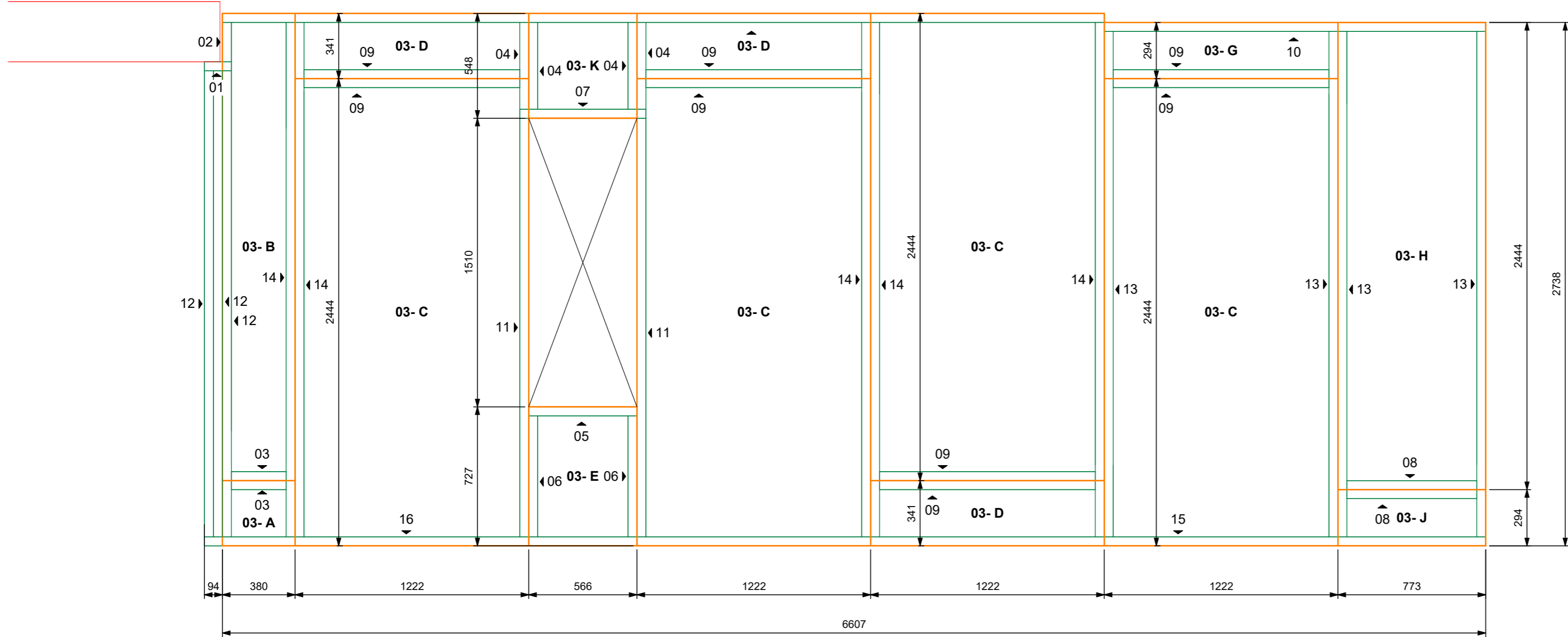
TITLE: **WALL ELEVATION  
Ext-01**

SCALE AT A2: As indicated	DATE: Dec'21	DRAWN: JM	CHECKED: RT
DRAWING NO: 0000	ECO V1 XX DR S 3001	REVISION: P1	
<small>Client Proj no.</small>	<small>Originator</small>	<small>Volume</small>	<small>Level</small>
<small>Type</small>	<small>Role</small>	<small>Number</small>	

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**Ext-03 - 172 SIPs Panel**

1 : 20

P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **WALL ELEVATION  
Ext-03**

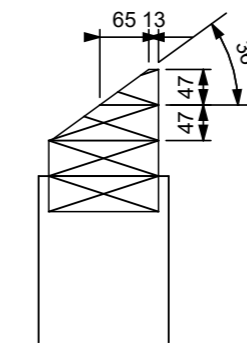
SCALE AT A2: 1 : 20	DATE: Dec'21	DRAWN: JM	CHECKED: RT
DRAWING NO: 0000	ECO V1 XX DR S 3003	REVISION: P1	
<small>Client Proj no.</small>	<small>Originator Volume Level Type Role Number</small>		

WALL	TIMBER LABEL	TIMBER DIMS		TIMBER LENGTH (mm)	COUNT	ANGLED CUTS	CUT BY	LOADED BY
		D	W					
03	01	47	145	140	1			
03	02	47	145	205	1			
03	03	47	145	285	2			
03	04	47	145	455	4			
03	05	47	145	565	1			
03	06	47	145	635	2			
03	07	47	145	660	1			
03	08	47	145	680	2			
03	09	47	145	1130	8			
03	10	47	145	1995	1			
03	11	47	145	2190	2			
03	12	47	145	2440	3			
03	13	47	145	2645	4			
03	14	47	145	2690	5			
03	15	47	145	3215	1			
03	16	47	145	3485	1			
03	17	47	145	4610	1			

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 • Reverse of installation methodology  
 IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT  
 FOR GENERAL NOTES SEE DRAWING S-00

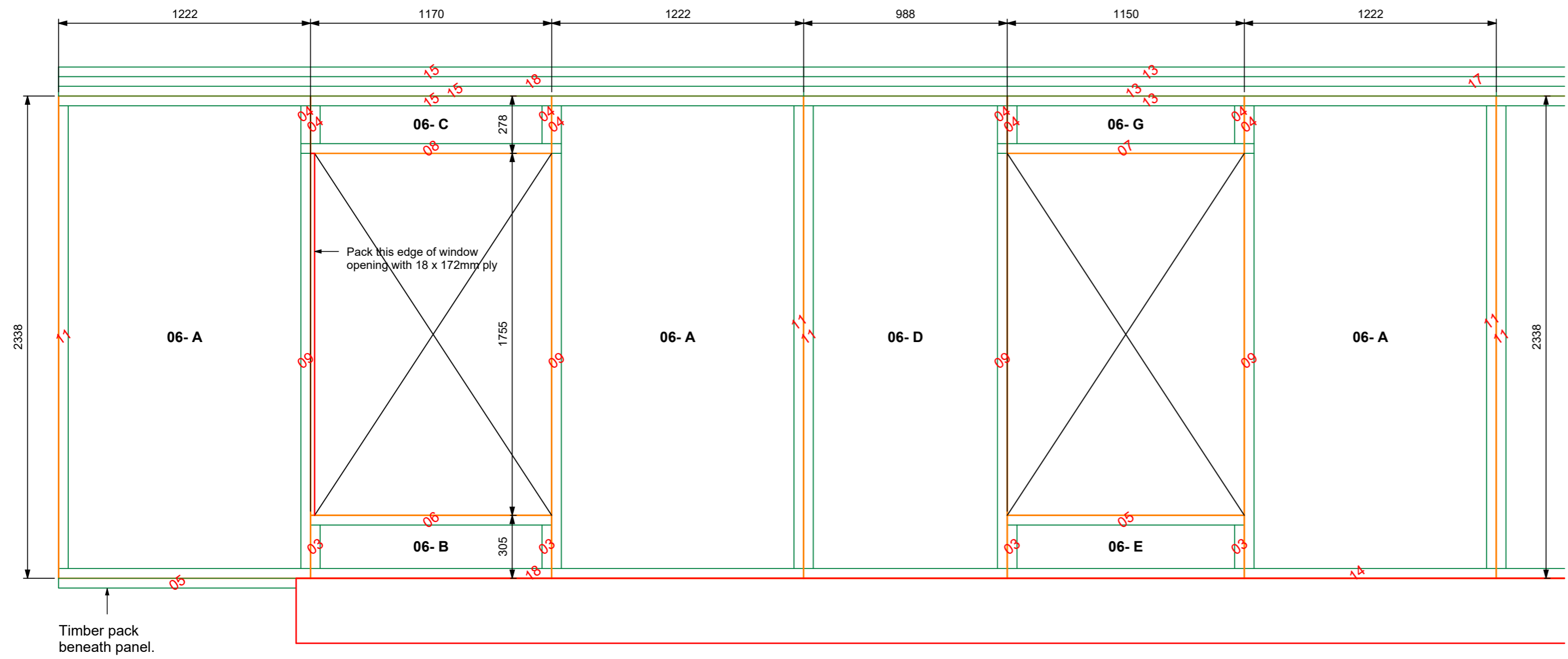


**Section 7**

1 : 10

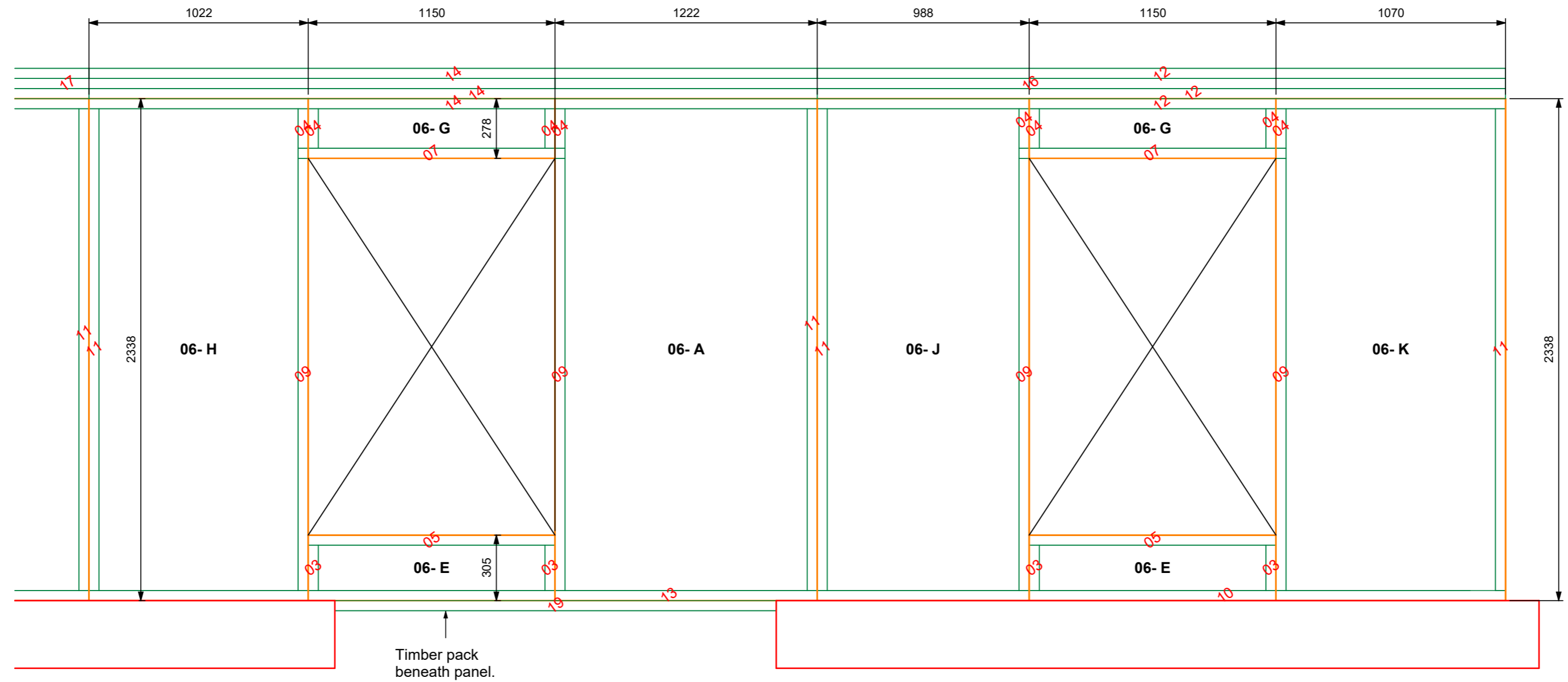
**TIMBER LIST - Ext 06**

06-H LABEL	TIMBER DIMS	TIMBER LENGTH (mm)	COUNT	ANGLED CUTS	CUT BY	LOADED BY
Wall	Timber	D	W			
06	03	47	145	210	8	
06	04	47	145	185	16	
06	05	47	145	1150	4	
06	06	47	145	1170	1	
06	07	47	145	1245	3	
06	08	47	145	1265	1	
06	09	47	145	2015	8	
06	10	47	145	2220	1	
06	11	47	145	2245	8	
06	12	47	145	3205	3	
06	13	47	145	3360	4	
06	14	47	145	3395	4	
06	15	47	145	3615	3	
06	16	47	145	4430	1	
06	17	47	145	4545	1	
06	18	47	145	4600	2	
06	19	47	145	2055	1	



**Ext-06a - 172 SIPs Panel**

1 : 20



**Ext-06b - 172 SIPs Panel**

1 : 20

P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



STATUS: **PRELIMINARY**

CLIENT NAME:

SITE:

TITLE: **WALL ELEVATION**  
Ext-06

SCALE AT A2: As indicated	DATE: Dec'21	DRAWN: JM	CHECKED: RT
DRAWING NO: 0000	ECO V1 XX DR S 3006	REVISION: P1	
Client Proj no.	Originator	Volume	Level
Type	Role	Number	

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**Notes:**

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION  
 IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING CONSTRUCTION:

- Installation methodology to be incorporated into the design
- Where it has not been possible to mitigate the hazard by design then the residual hazard is highlighted on the relevant drawing with this symbol.

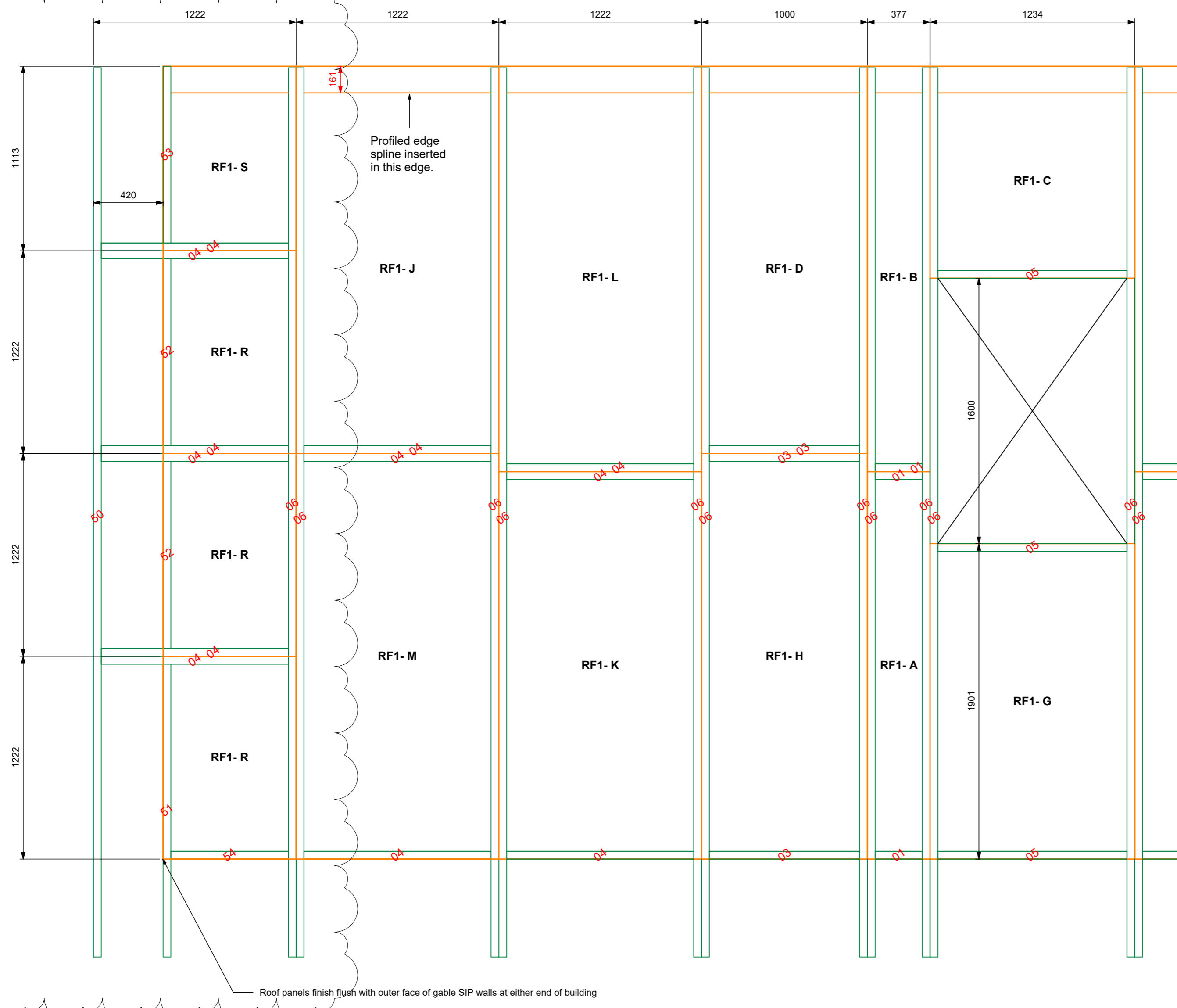
MAINTENANCE / CLEANING:

- No special measures required

DECOMMISSIONING / DEMOLITION:

- Reverse of installation methodology

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT  
 FOR GENERAL NOTES SEE DRAWING S-00



**TIMBER LIST - RP-01**

WALL	TIMBER LABEL	TIMBER DIMS		TIMBER LENGTH (mm)	COUNT	ANGLED CUTS	CUT BY	LOADED BY
		D	W					
RF1	01	47	195	285	3			
RF1	02	47	195	880	3			
RF1	03	47	195	905	3			
RF1	04	47	195	1130	33			
RF1	05	47	195	1140	3			
RF1	06	47	195	5370	24	Yes		
RF1	50	47	145	5370	2	Yes		
RF1	51	47	195	1765	2	Yes		
RF1	52	47	195	1130	4	Yes		
RF1	53	47	195	1065	2	Yes		
RF1	54	47	195	710	2			

P5	Roof gable end ladders	RA	22/01/22
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **ROOF ELEVATION RF1a**

SCALE AT A2: 1 : 20	DATE: Dec'21	DRAWN: JM	CHECKED: RT
DRAWING NO: 0000 ECO V1 XX DR S 3010			REVISION: <b>P5</b>
<small>Client Proj no.</small>	<small>Originator</small>	<small>Volume</small>	<small>Level</small>
<small>Type</small>	<small>Role</small>	<small>Number</small>	

**Note: where splines extend outside of SIPs they must be notched down to 45x150mm - see detail 3050-3**

**RF1a - 222 SIPs Panel**

1 : 20

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Refer to sheet 3011 for continuation of roof

**Notes:**

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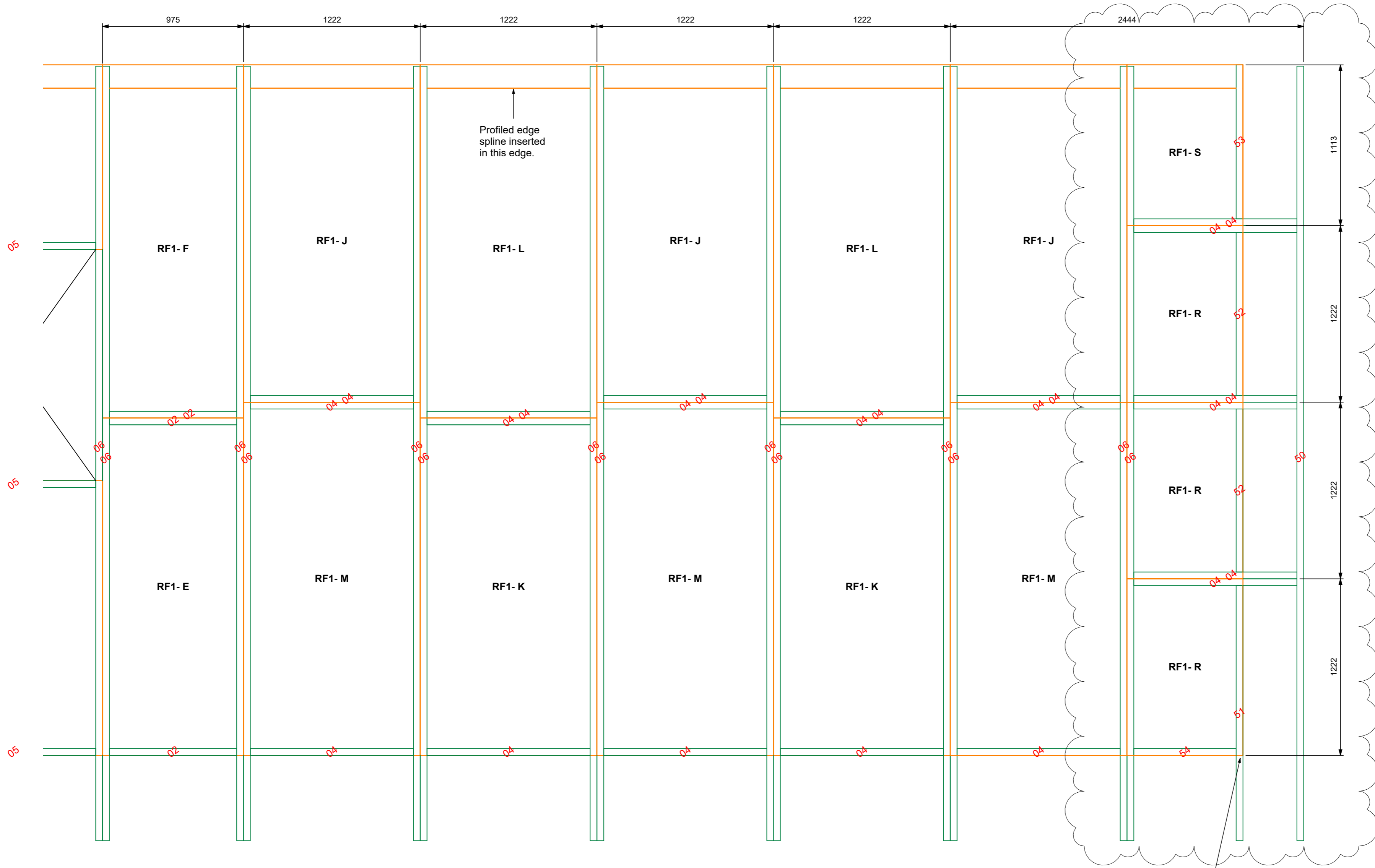
MAINTENANCE / CLEANING:

- No special measures required

DECOMMISSIONING / DEMOLITION:

- Reverse of installation methodology

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 FOR GENERAL NOTES SEE DRAWING S-00



**RF1b - 222 SIPs Panel**

1 : 20

**Note: where splines extend outside of SIPs they must be notched down to 45x150mm - see detail 3050-3**

Roof panels finish flush with outer face of gable SIP walls at either end of building

Refer to sheet 3010 for continuation of roof

P5	Roof gable end ladders	RA	22/01/22
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE

STATUS: **PRELIMINARY**

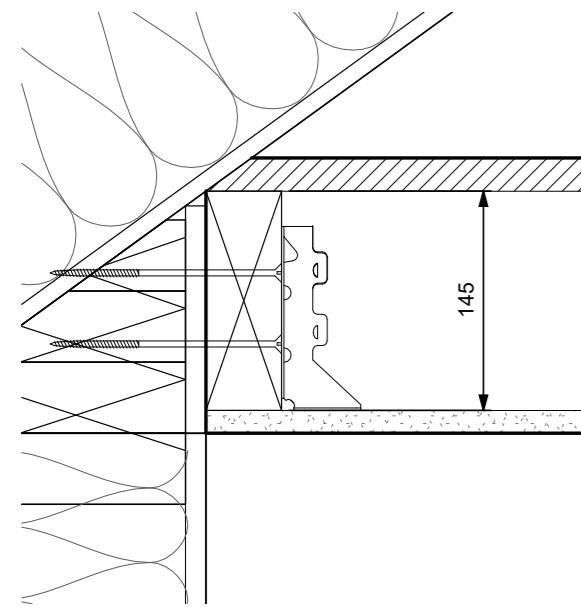
CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **ROOF ELEVATION RF1b**

SCALE AT A2: 1 : 20	DATE: Dec'21	DRAWN: JM	CHECKED: RT
DRAWING NO: 0000	ECO V1 XX DR S 3011	REVISION: P5	
<small>Client Proj no.</small>	<small>Originator Volume Level Type Role Number</small>		

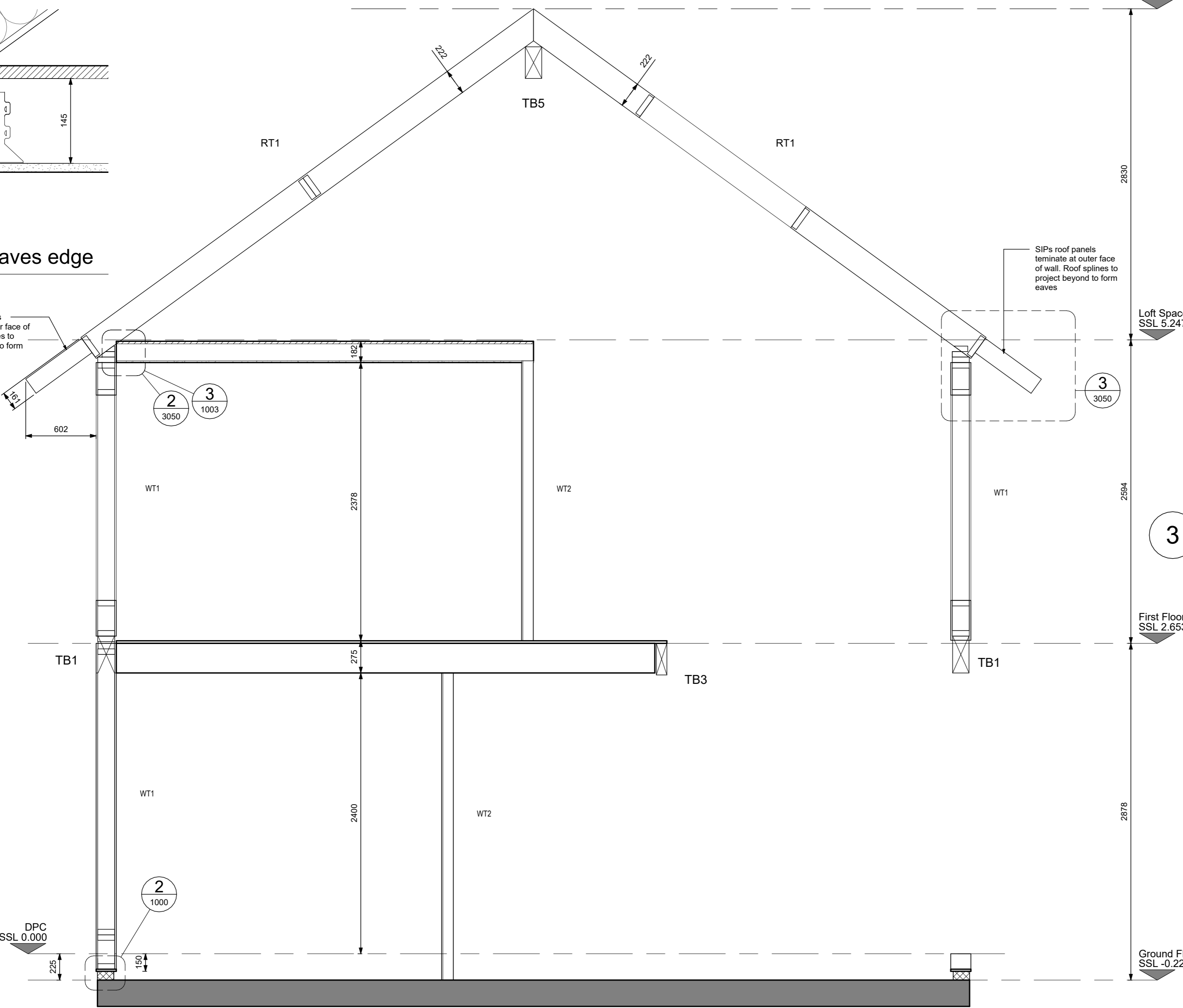
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Loft floor eaves edge

1 : 5

SIPs roof panels terminate at outer face of wall. Roof splines to project beyond to form eaves



Ridge FFL 8.077

2830

Loft Space SSL 5.247

2594

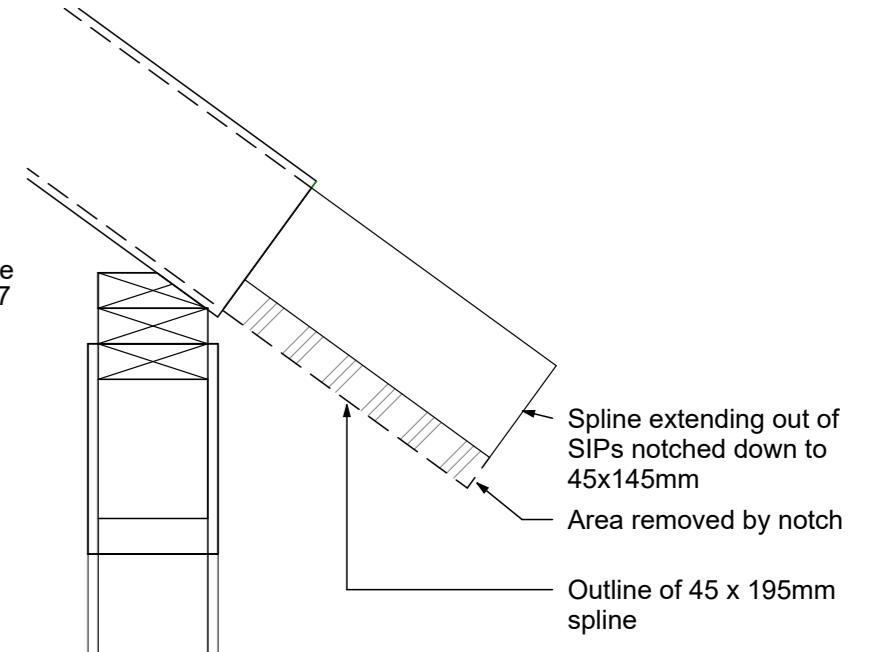
First Floor SSL 2.653

2878

Ground Floor SSL -0.225

Notes:

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 MAINTENANCE / CLEANING:  
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 DECOMMISSIONING / DEMOLITION:  
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 FOR GENERAL NOTES SEE DRAWING S-00



3

Projecting splines

1 : 10

P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



STATUS: **PRELIMINARY**

CLIENT NAME:

SITE:

TITLE: **BUILDING CROSS SECTIONS**

SCALE AT A2: As indicated	DATE: Oct '21	DRAWN: JM	CHECKED: RT
DRAWING NO: 0000	ECO V1 XX DR S 3050	REVISION: P2	
<small>Client Proj no.</small>	<small>Originator</small>	<small>Volume</small>	<small>Level</small>
<small>Type</small>	<small>Role</small>	<small>Number</small>	

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Section 1

1 : 25

**Notes:**

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION  
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- Where it has not been possible to mitigate the hazard by design then the residual hazard is highlighted on the relevant drawing with this symbol.

MAINTENANCE / CLEANING:

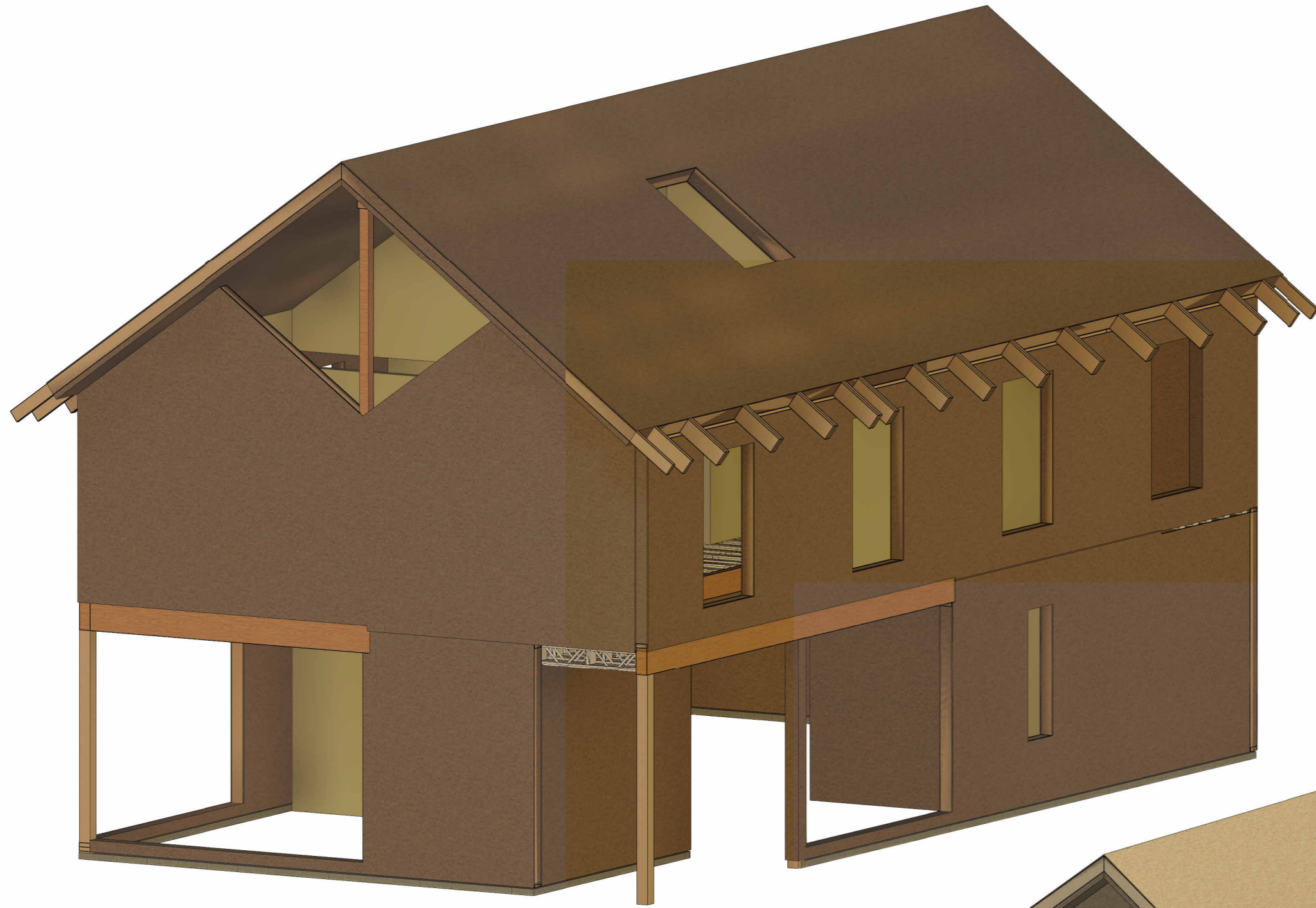
- No special measures required

DECOMMISSIONING / DEMOLITION:

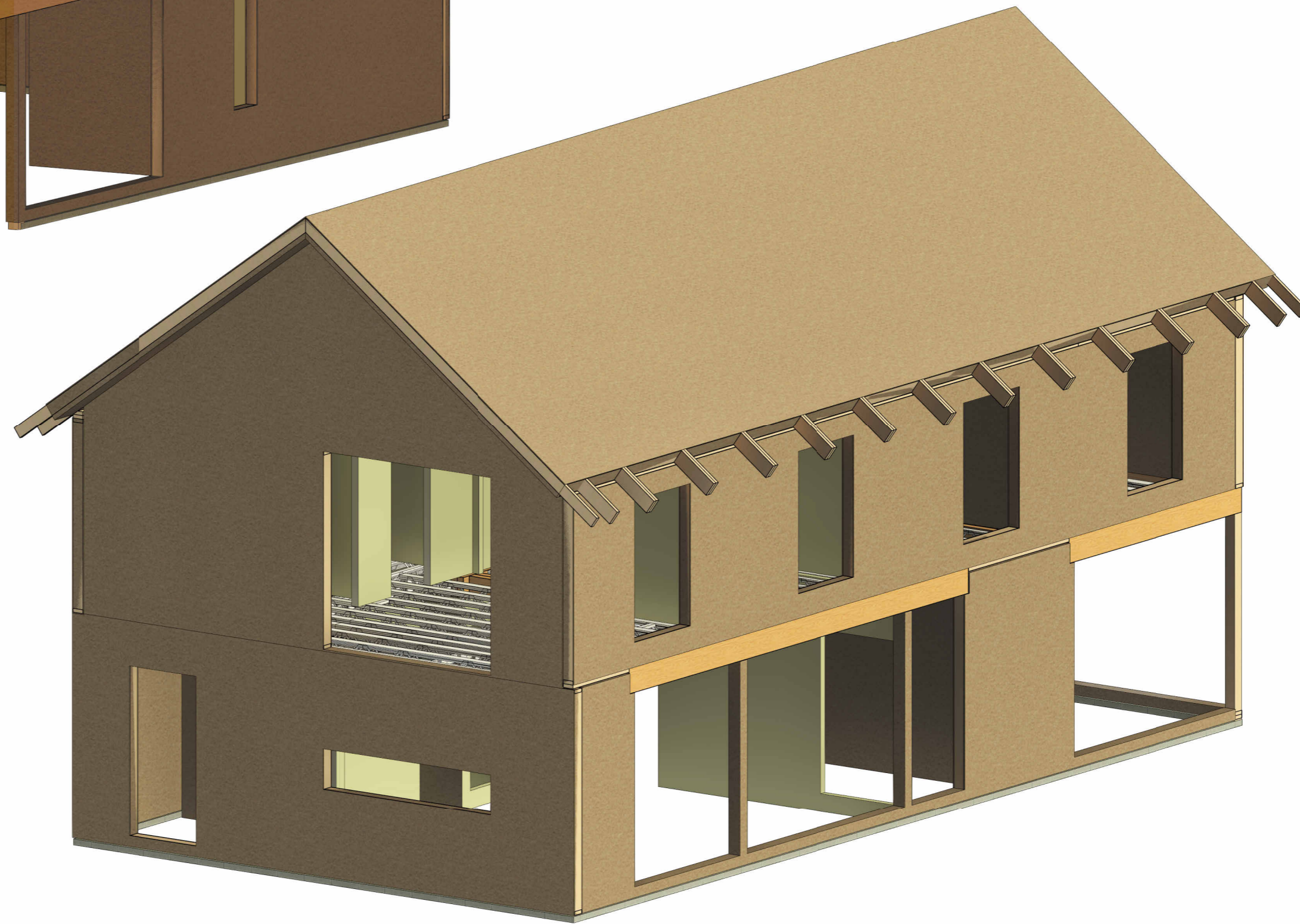
- Reverse of installation methodology

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FOR GENERAL NOTES SEE DRAWING S-00



3D View A



3D View B

P2	Amended to suit comments	JM	24/11/21
P1	Preliminary Issue	JM	21/12/21
REV	DESCRIPTION	BY	DATE



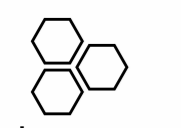
STATUS: **PRELIMINARY**

CLIENT NAME: \_\_\_\_\_

SITE: \_\_\_\_\_

TITLE: **3D VIEWS**

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
	Nov '21	JM	RT
DRAWING NO:	REVISION:		
0000 ECO V1 XX DR S 3051	P2		
<small>Client Proj no. Originator Volume Level Type Role Number</small>			


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