The Conservation Rooflight

A3

0 100 200 300

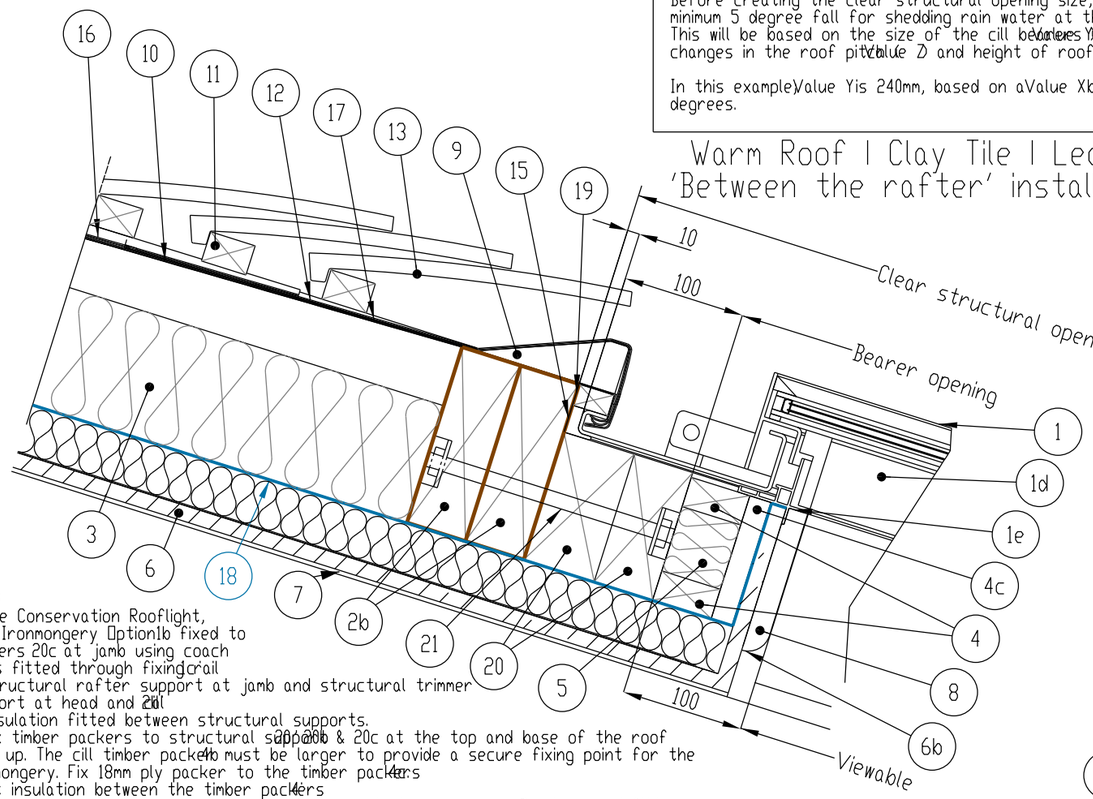
Critical: Clear structural opening sizes

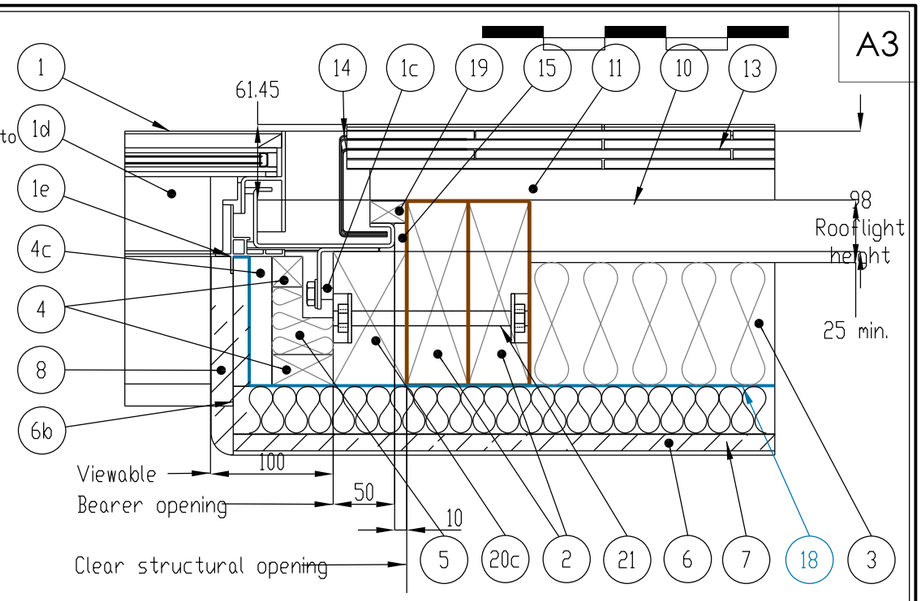
Please note - Bearer opening sizes shown in this 'Between the rafter' detail are equal to structural sizes for 'On the rafter' installations.

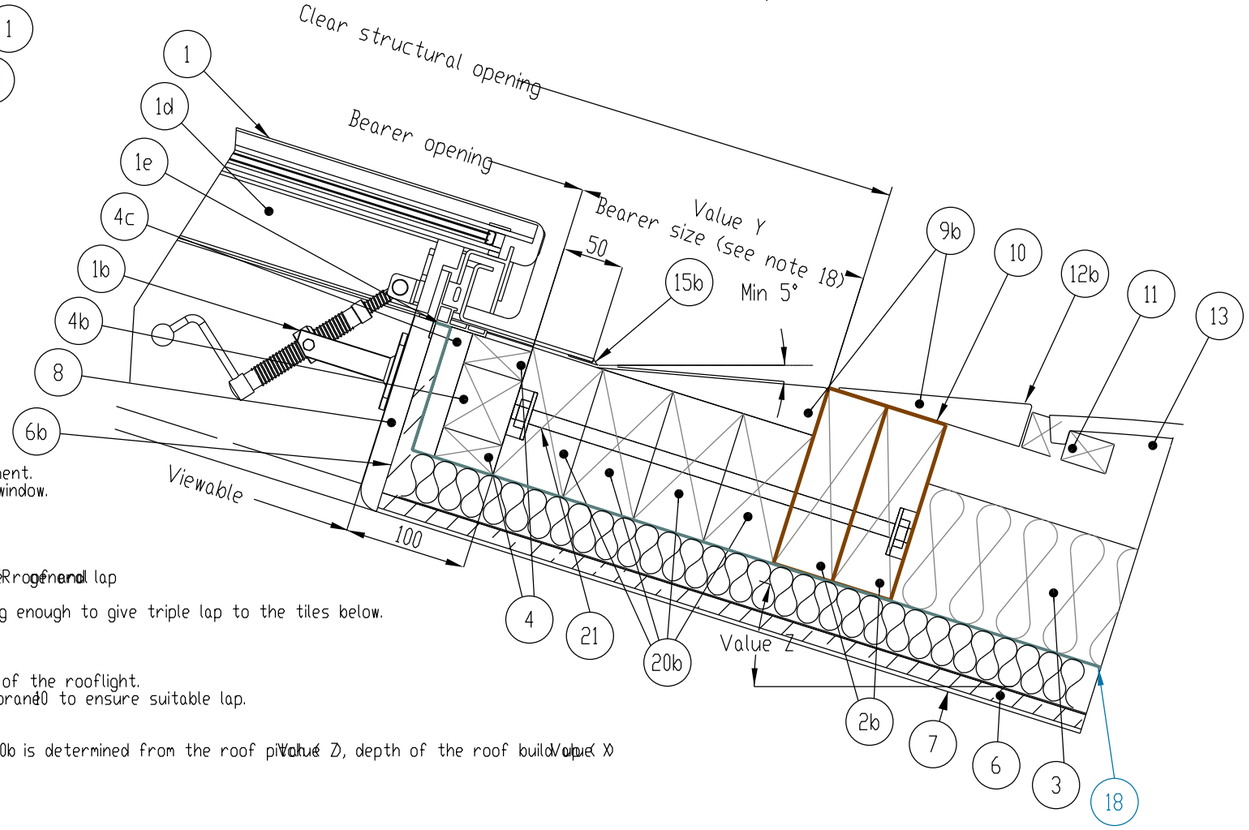
Before creating the clear structural opening size, please verify to what provide the minimum 5 degree fall for shedding rain water at the cill.
This will be based on the size of the cill bearers (Value Y) which will vary according to changes in the roof pitch (Value Z) and height of roof build up above the rafters (Value X).

In this example Value Y is 240mm, based on a Value X being 60 and Value Z being 17.5 degrees.

Warm Roof | Clay Tile | Lead Soakers
'Between the rafter' installation detail







Key:

1. The Conservation Rooflight, with Ironmongery Option1b fixed to bearers 20c at jamb using coach bolts fitted through fixing rail
2. Structural rafter support at jamb and structural trimmer support at head and cill
3. Insulation fitted between structural supports.
4. Fix timber packers to structural supports 20a, 20b & 20c at the top and base of the roof build up. The cill timber packer 4b must be larger to provide a secure fixing point for the ironmongery. Fix 18mm ply packer to the timber packers 4c.
5. Fit insulation between the timber packers
6. Plasterboard lining with plasterboard stop to project the corner. Plasterboard fitted behind the thermoliner of the rooflight
7. Plaster skim
8. Timber reveal to align with rooflight linings to provide 'frameless' internal appearance. Rooflight linings MUST BE PAINTED with a timber finishing paint once the rooflight is installed to ensure longevity of this component. If the linings have been factory painted, they do not require an additional paint finish. Please refer to label attached to roof window.
9. Head hardwood tilting fillet.
9b. Cill hardwood tilting fillets - to provide minimum 5 degree fall for shedding rain water.
10 & 16 Line of breathable membrane. Roofing membrane must be allowed to 'sag' between rafters
11. Softwood battens.
12. Code 3 (consider using code 4 and clipping down roof tiles in severer exposures) lead flashing at head. Carry flashing up UNDER roofing and lap roofing membrane 10 & 16 and UNDER head membrane 17.
12b. Code 4 (consider clipping flashing and roof tiles down in severer exposures) lead flashing at cill over 9b. Make the flashing long enough to give triple lap to the tiles below.
13. Roofing tiles.
14. Jamb flashing - lead soakers as shown (or mortar bed).
15. Perimeter silicone seal. Seal perimeter of roof UNDER PRIOR TO installation of the rooflight using a thick continuous bead of low modulus neutral cure silicone sealant. Ensure sealant is located in a position where it will be covered by the cill flange of the rooflight.
17. Roofing membrane to rooflight head. Dress UNDER general roofing membrane 16 & UNDER lead flashing 12 and OVER general roofing membrane 10 to ensure suitable lap.
18. Vapour barrier (Blue).
19. Softwood batten to be fitted after silicone seal to provide support for tilting fillet flashing 10, 16 & 17.
20. Bearers support the rooflight and transfer the load from the trimmer 2b to structural support members. The size of cill bearers 20b is determined from the roof pitch (Value Z), depth of the roof build up (Value X) and ensuring that the tilting fillets provide the minimum 5 degree fall.
21. Suggested fixings; Threaded rods to secure the bearers 20b & 20c to the structural support members.

Please Note:
These sectional details are provided as an installation suggestion. Due to the differing nature of installations we strongly advise you to consult your rooflight installer to verify fitness for purpose. This drawing does not constitute a structural proposal. Sufficiency of structural supports to be checked by rooflight purchaser's structural consultant.

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
–	--.--.——	--	--

PROJECT	**HALL FARM, KIRK LANGLEY**				
TITLE	Conservation Rooflight				
STATUS	**PLANNING**				
DRAWING NUMBER	206(32)003	REVISION	--	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	PAC	DATE	26 Feb 2021

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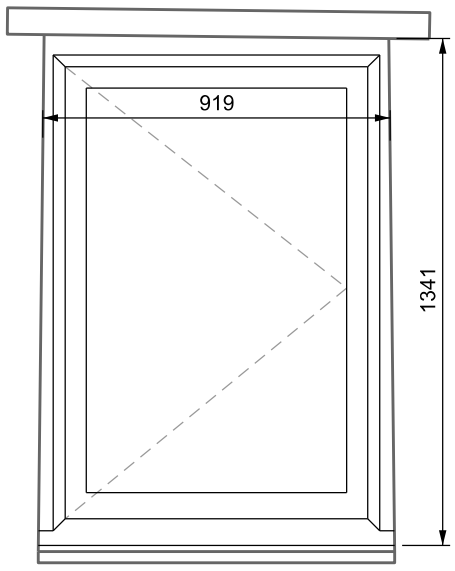
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PRIOR TO MANUFACTURE

scale 1:5

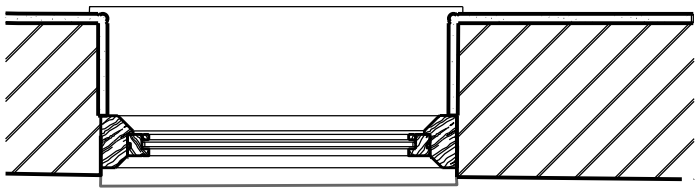
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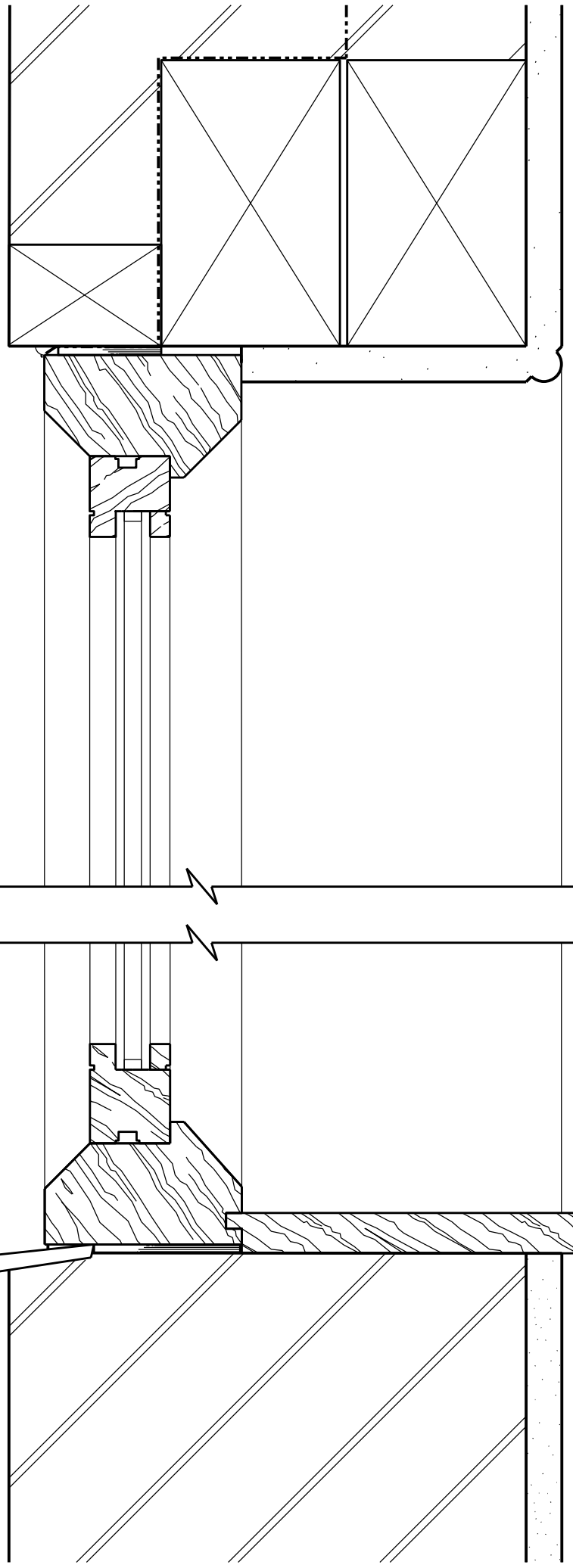


Proposed Elevation 1:20

Timber Casement Window
White / RAL coloured standard double glazed unit, (4-16-4)
WG03.2

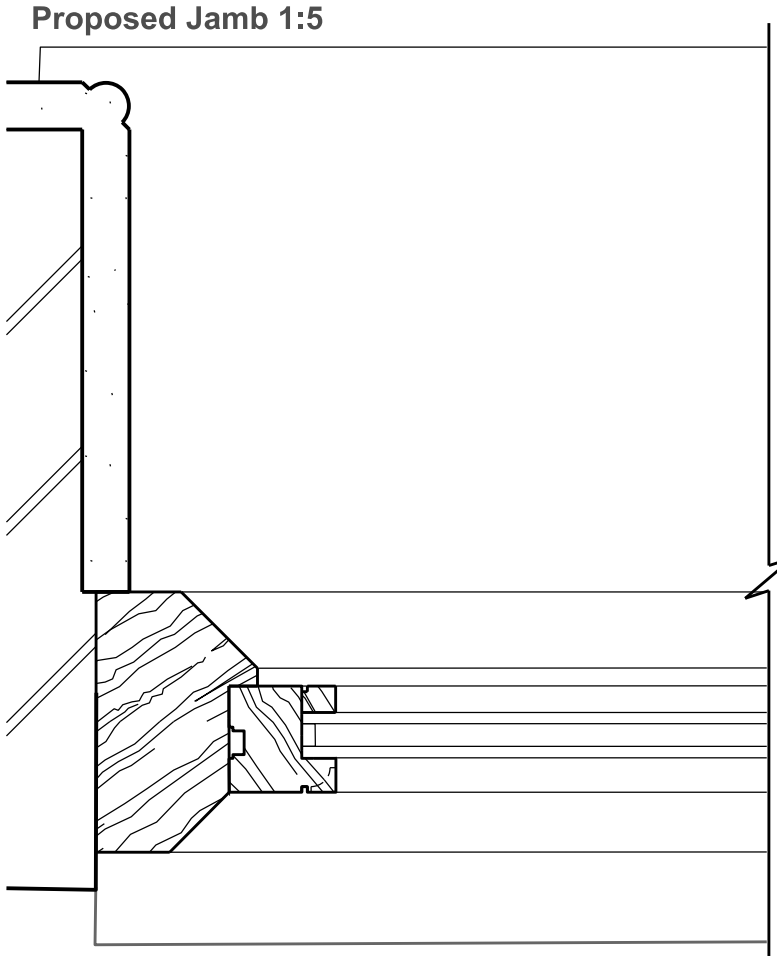


Proposed Plan 1:20



Proposed Head 1:5

Proposed Jamb 1:5



Proposed Sill 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
–	--.--.—	–	–

PROJECT HALL FARM, KIRK LANGLEY
TITLE Proposed Window Detail (C)
STATUS PLANNING

DRAWING NUMBER	206(32)004	REVISION	–	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	–	DATE	23 FEB 2021

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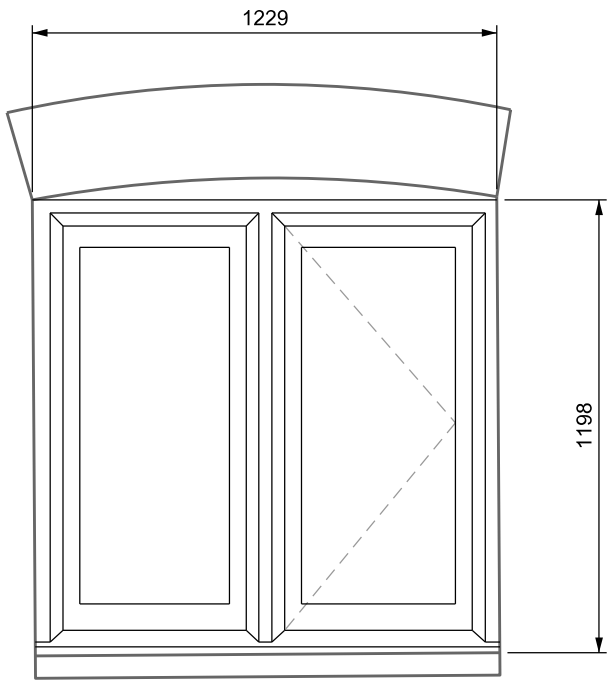
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scale 1:5

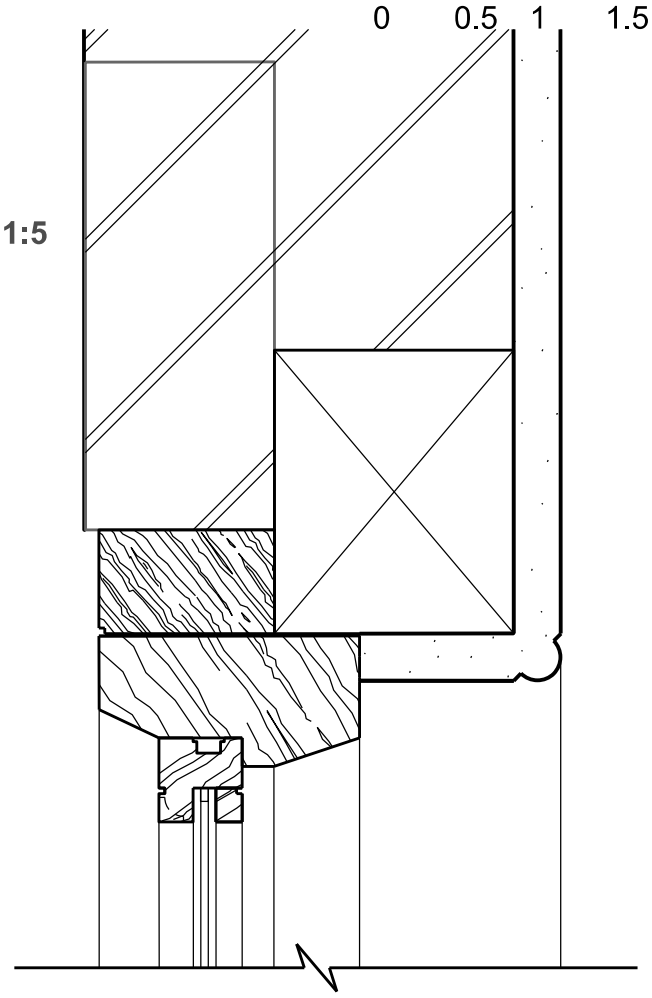
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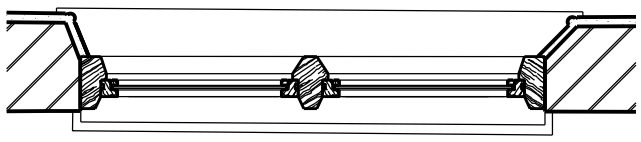
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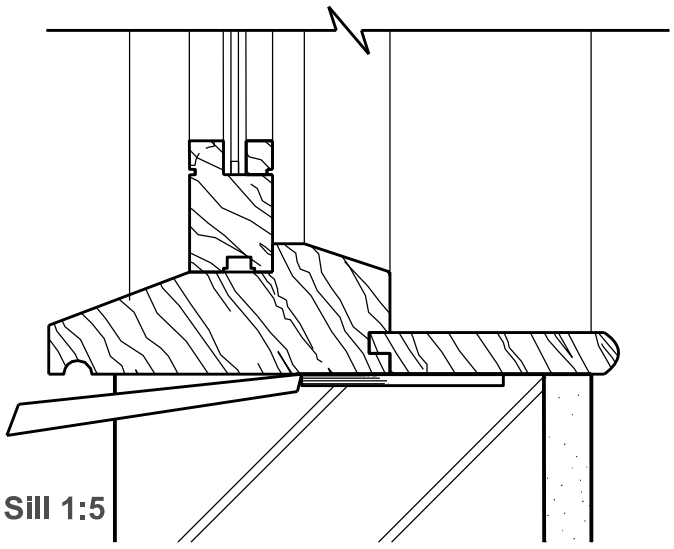
Timber one fixed one casement window
White / RAL coloured standard double glazed unit, (4-16-4)
WG04.1
WG05.2
W104.2
W107.1

Proposed Head 1:5



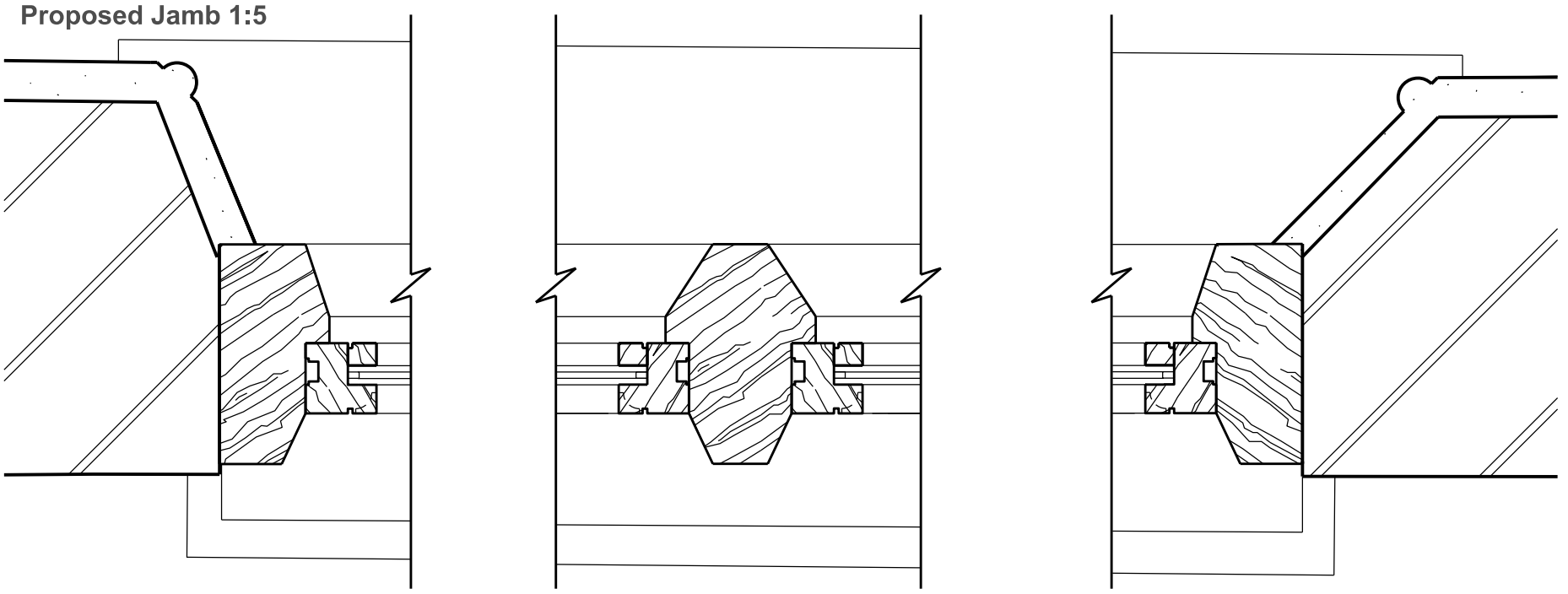


Proposed Plan 1:20



Proposed Sill 1:5

Proposed Jamb 1:5



Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
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PROJECT HALL FARM, KIRK LANGLEY
TITLE Proposed Window Detail
STATUS PLANNING

DRAWING NUMBER	206(32)005	REVISION	–	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 FEB 2021

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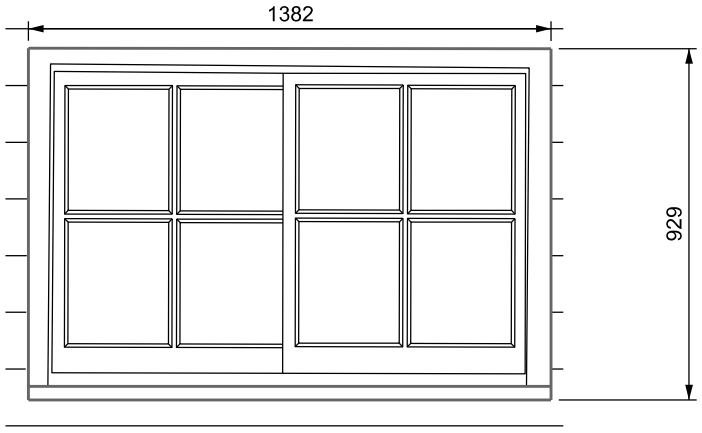
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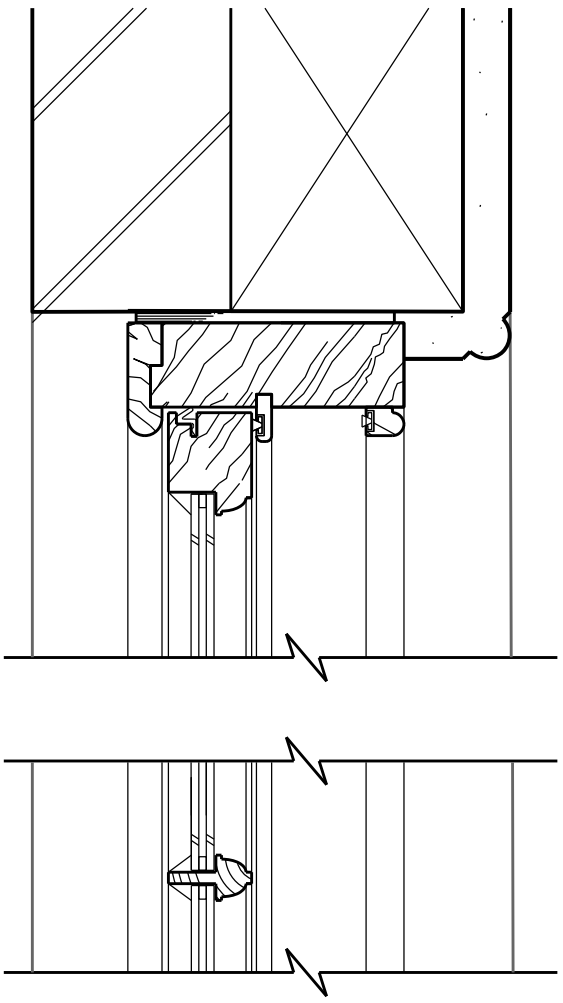
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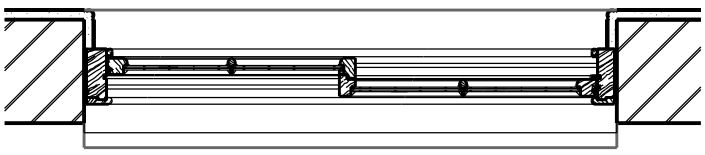


Timber Horizontal sliding sash window
White / RAL coloured slim histoglass double glazed unit, (4-4-4)

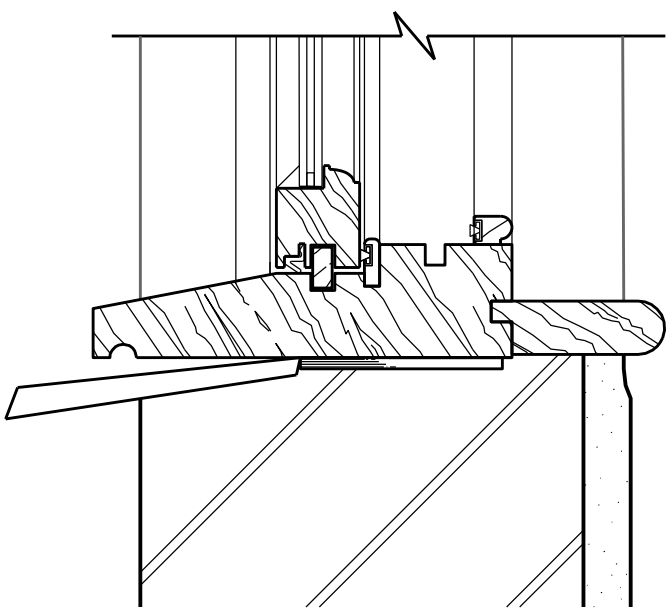
WG07.1



Proposed Head 1:5

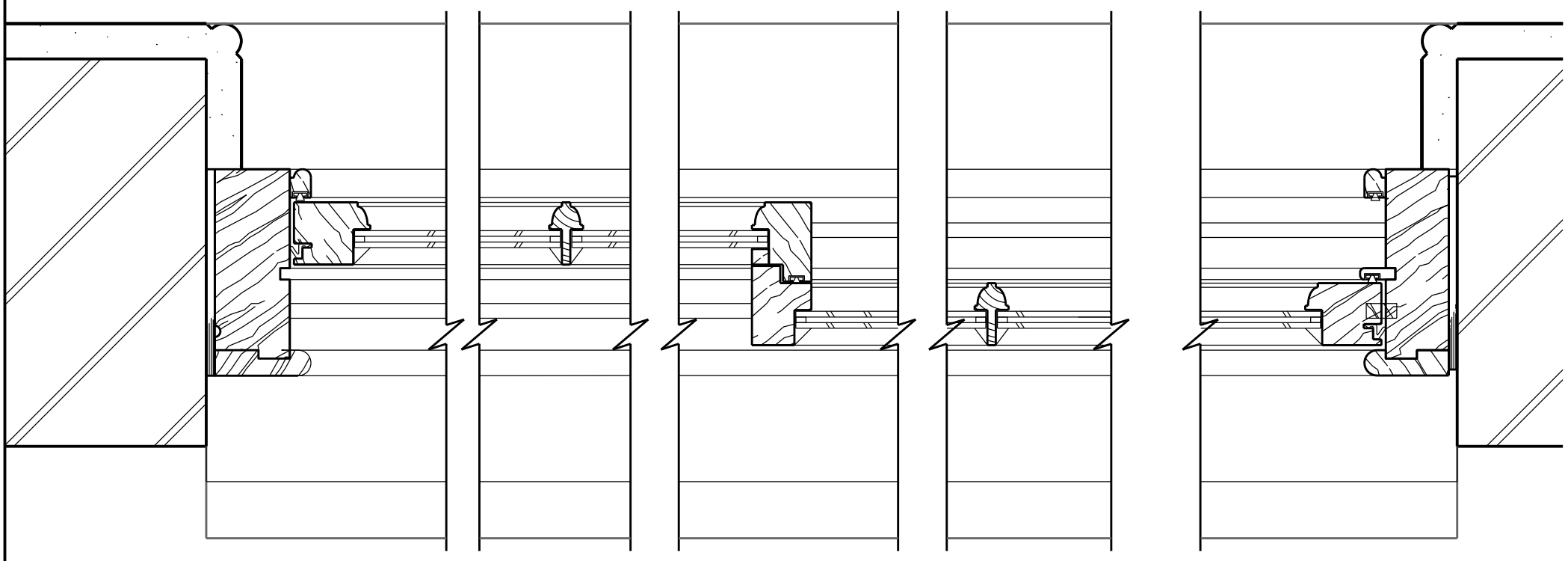


Proposed Plan 1:20



Proposed Sill 1:5

Proposed Jamb 1:5



Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
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PROJECT **HALL FARM, KIRK LANGLEY**
TITLE Proposed Window Detail
STATUS **PLANNING**

DRAWING NUMBER	206(32)006	REVISION	–	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 FEB 2021

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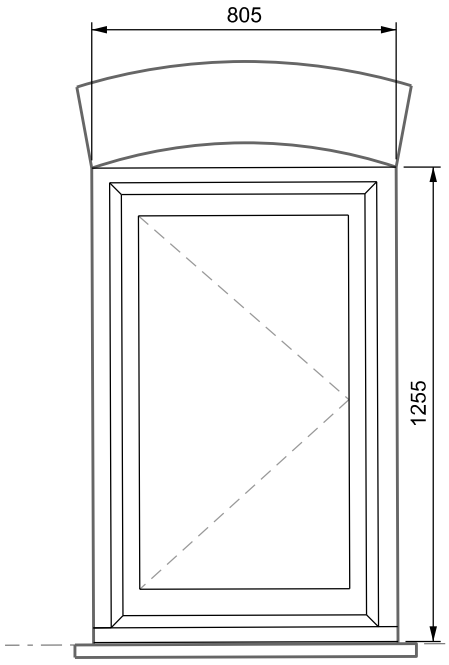
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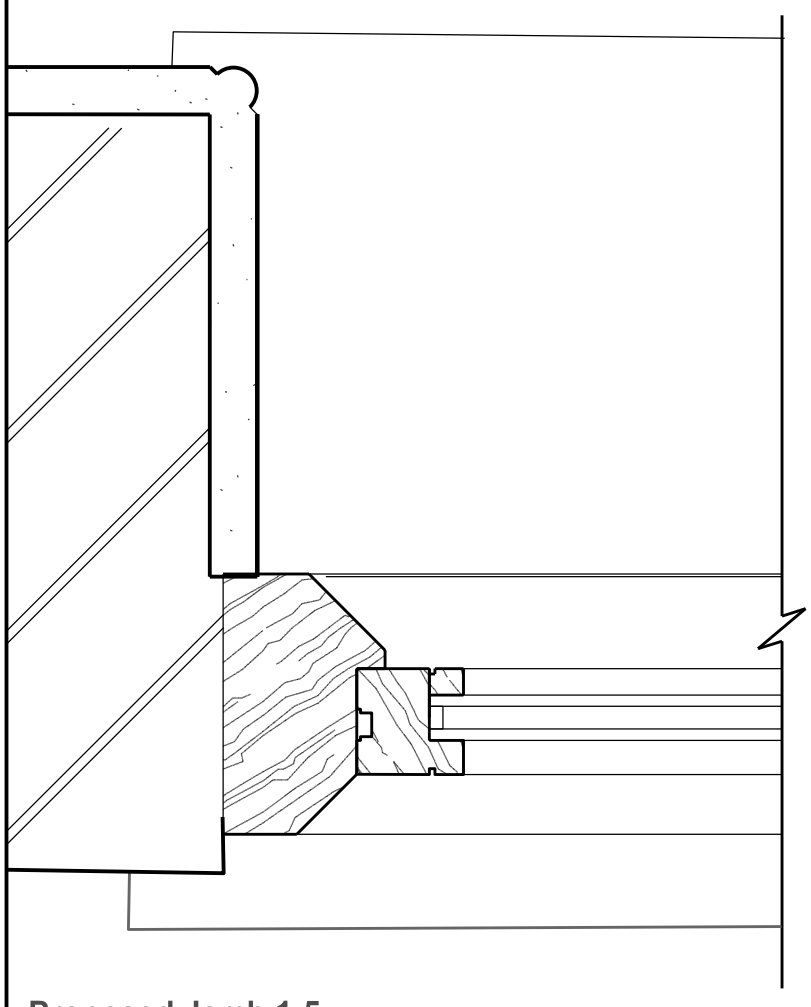
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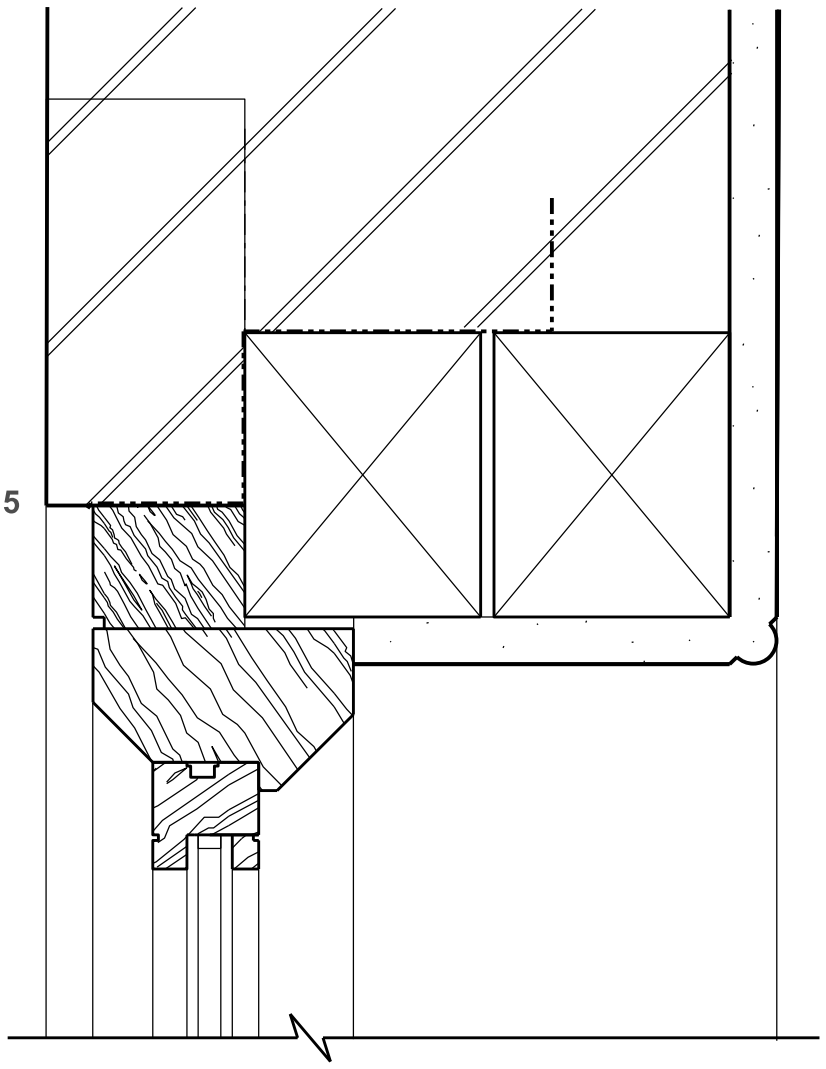
Proposed Elevation 1:20
Timber Casement Window
White / RAL coloured standard double glazed unit, (6-12-6)
WG05.1

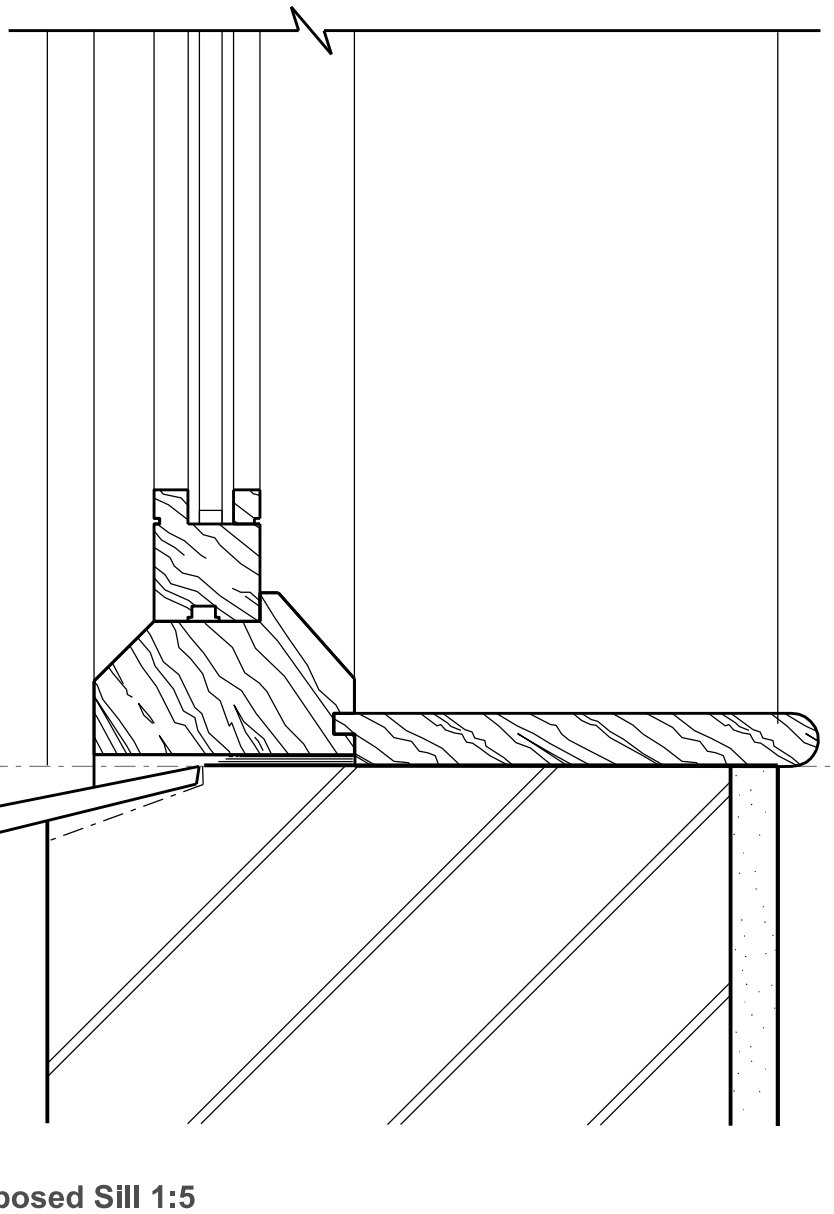
Proposed Plan 1:20



Proposed Jamb 1:5

Proposed Head 1:5





Proposed Sill 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
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PROJECT HALL FARM, KIRK LANGLEY
TITLE Proposed Window Detail
STATUS PLANNING

DRAWING NUMBER	206(32)007	REVISION	–	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 FEB 2021

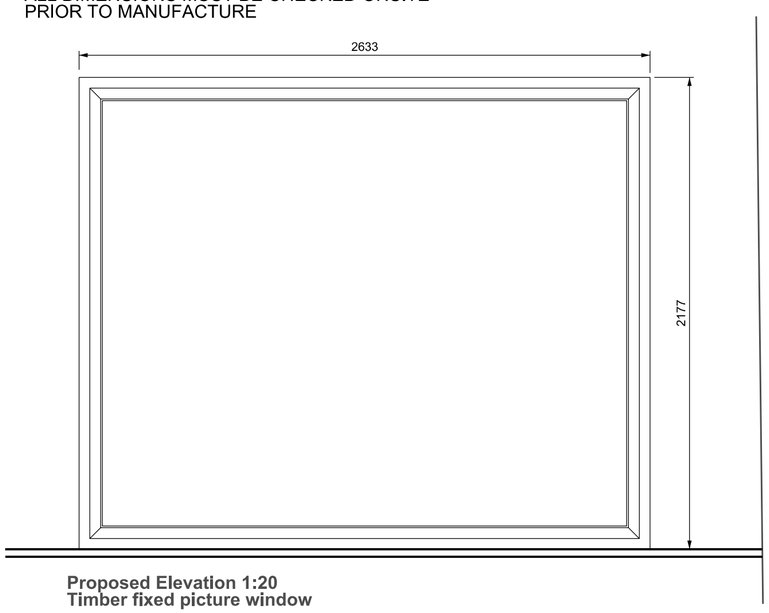
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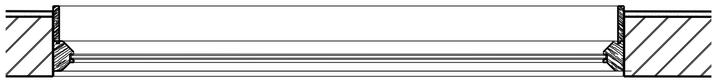
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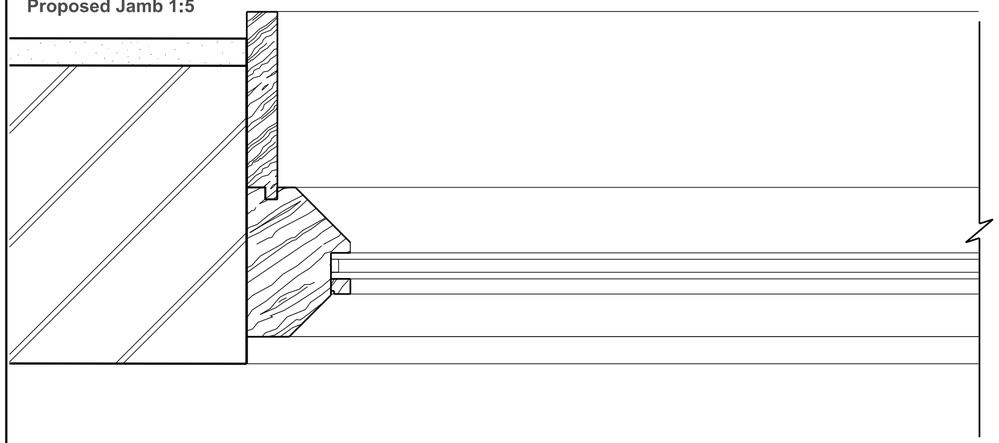
Proposed Elevation 1:20
Timber fixed picture window

WG05.1

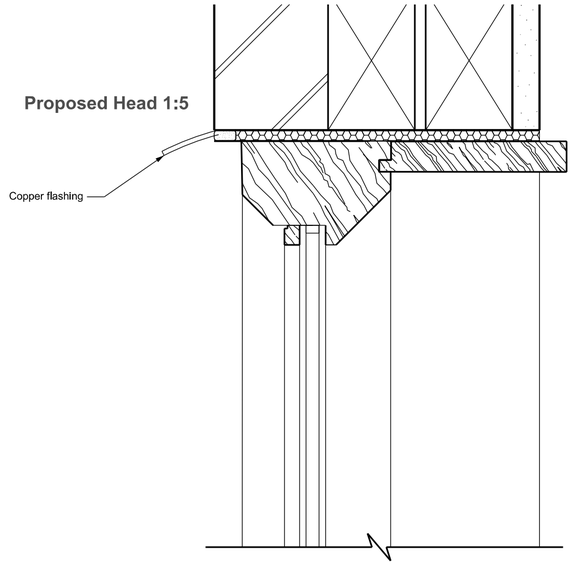


Proposed Plan 1:20

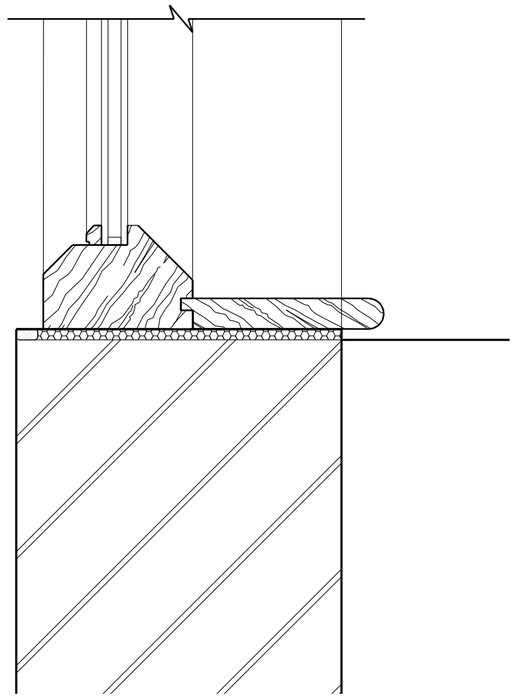
Proposed Jamb 1:5



Proposed Head 1:5



Proposed Sill 1:5



Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
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Revision	Date	Note	initial

PROJECT	**HALL FARM, KIRK LANGLEY**					
TITLE	Proposed Window Detail (FP)					
STATUS	**PLANNING**					
DRAWING NUMBER	206(32)008	REVISION	--	SCALE		
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 Feb 2021	

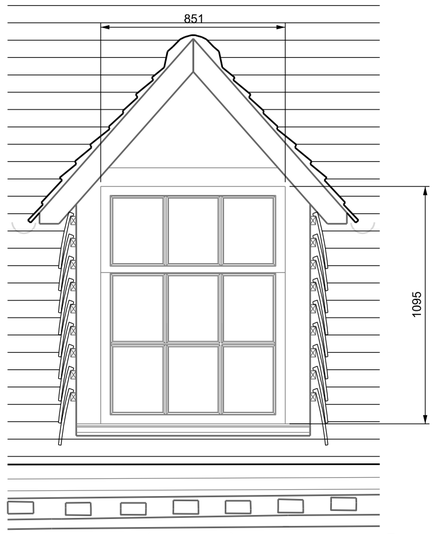
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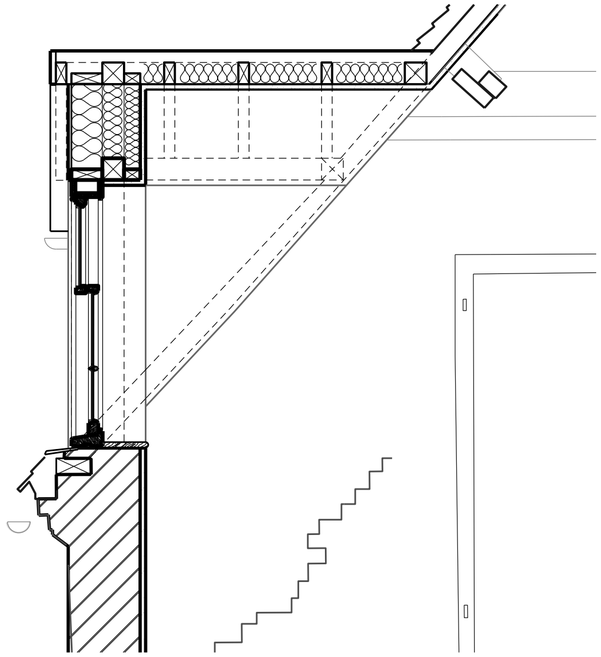
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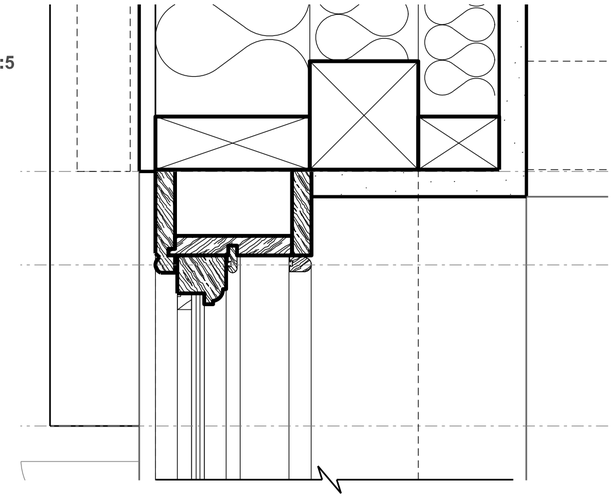


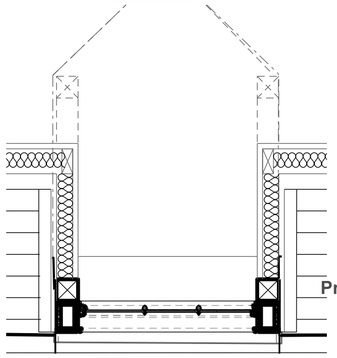
Proposed Elevation 1:20
WG05.1



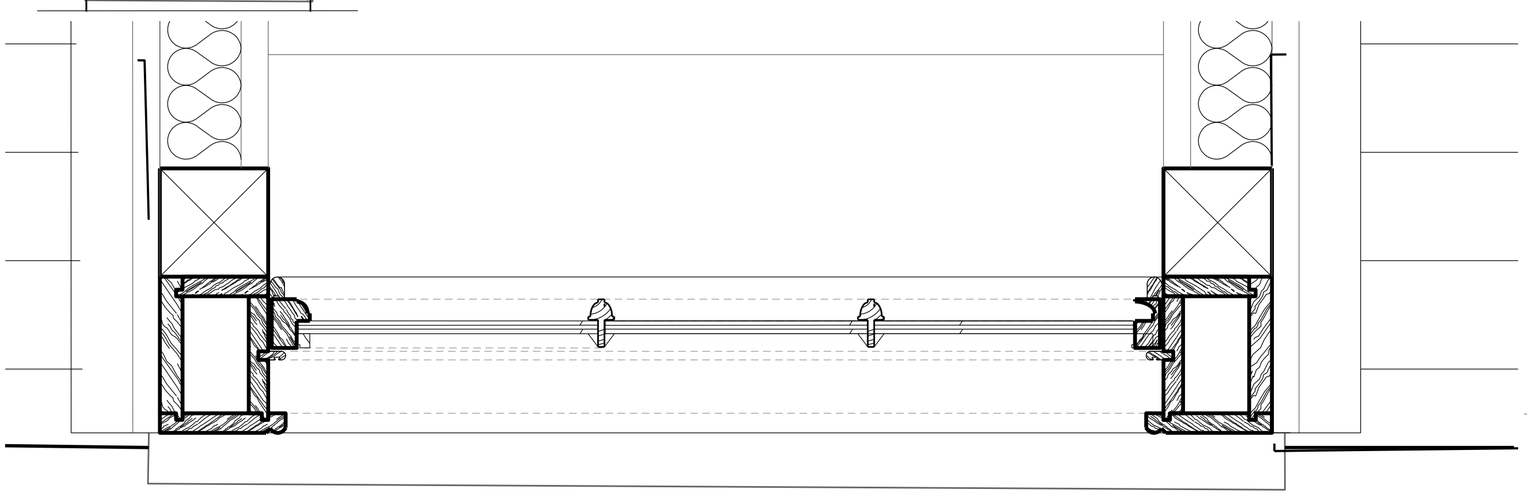
Proposed Dormer Section 1:20

Proposed Head 1:5

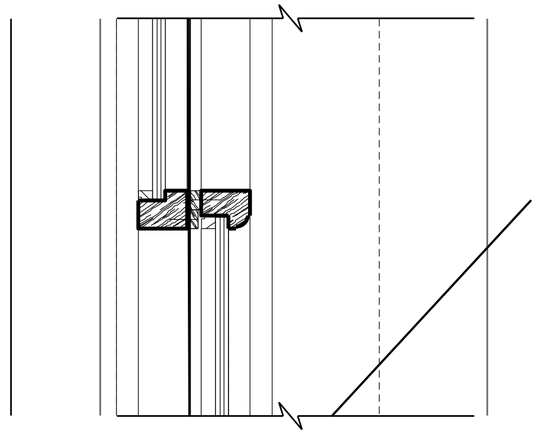


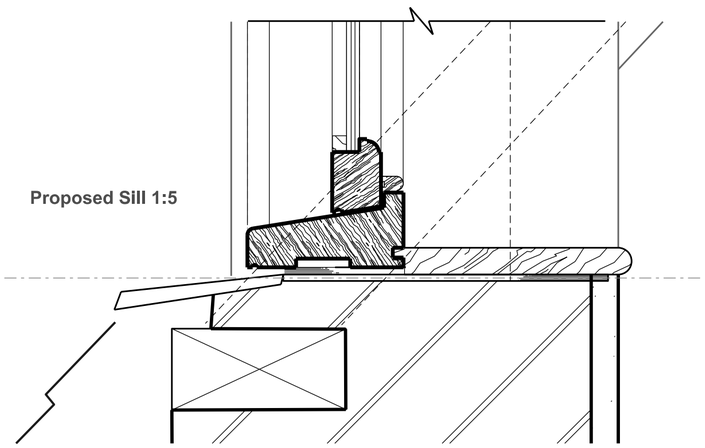


Proposed Plan 1:20



Proposed Dormer Jambs 1:5





Proposed Sill 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
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Revision	Date	Note	initial

PROJECT	**HALL FARM, KIRK LANGLEY**				
TITLE	Proposed Window Detail (D)				
STATUS	**PLANNING**				
DRAWING NUMBER	206(32)009	REVISION	--	SCALE	
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 Feb 2021

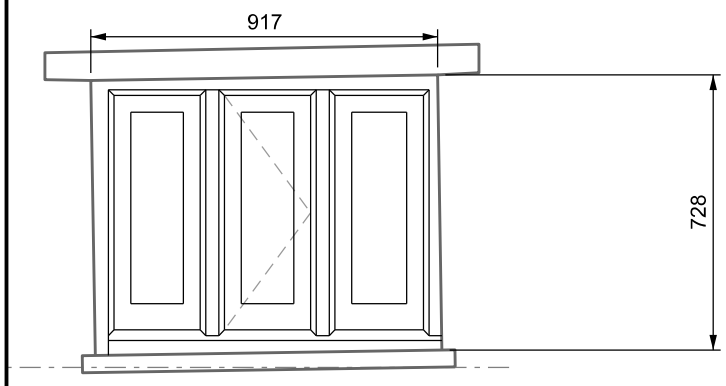
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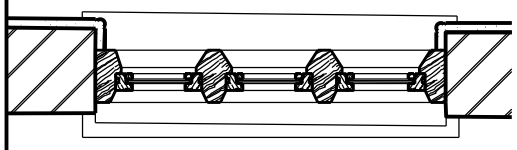
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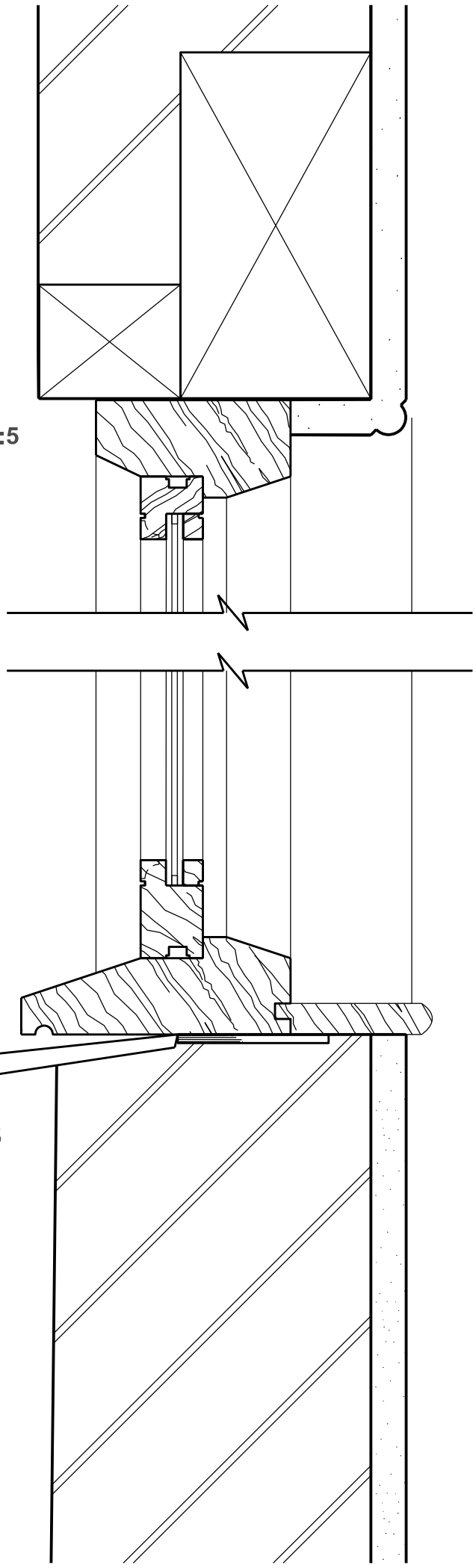
Proposed Elevation 1:20

Timber two fixed one casement window
White / RAL coloured slim Histoglass, (4-4-4)
WG03.2



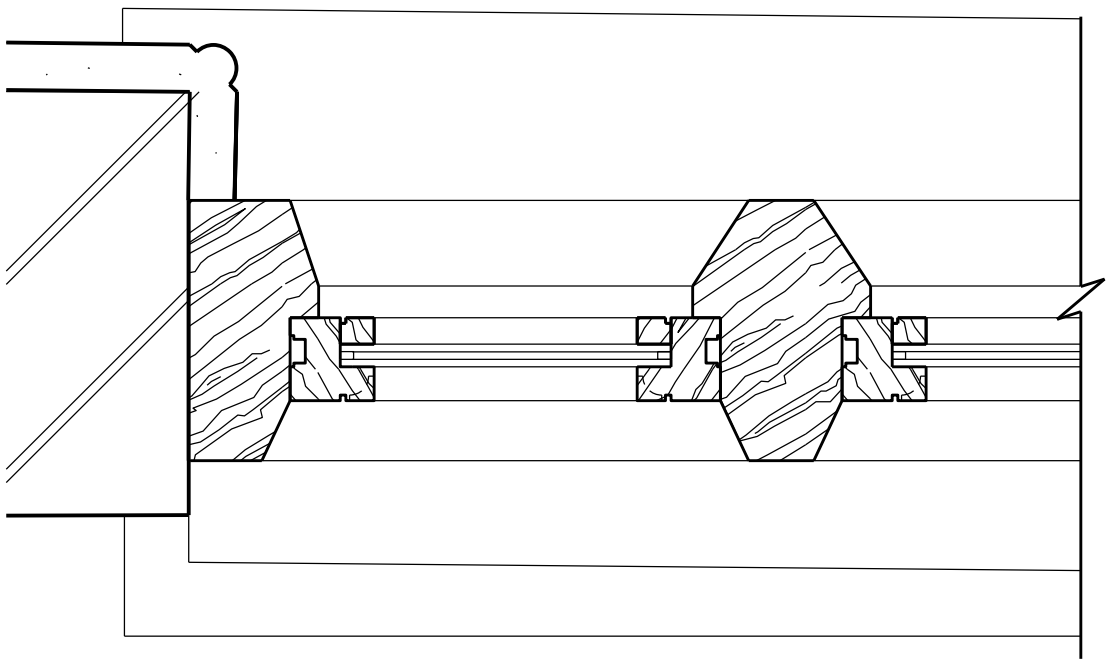
Proposed Plan 1:20

Proposed Head 1:5



Proposed Sill 1:5

Proposed Jamb 1:5



Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
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PROJECT	**HALL FARM, KIRK LANGLEY**				
TITLE	Proposed Window Detail				
STATUS	**PLANNING**				
DRAWING NUMBER	206(32)010	REVISION	–	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 FEB 2021

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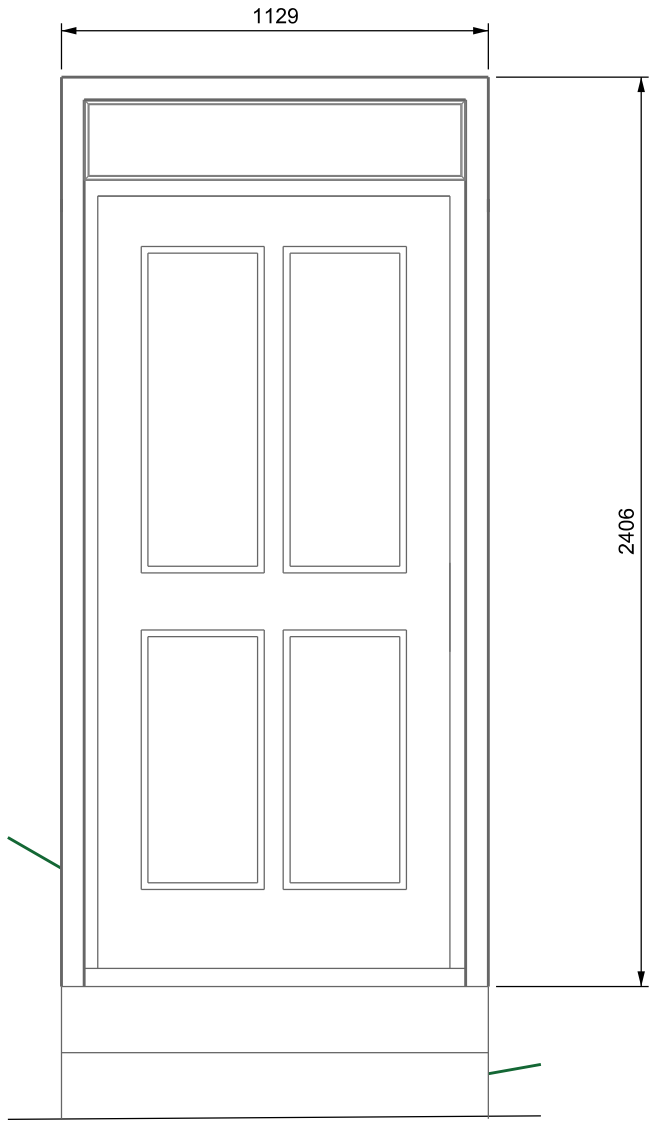
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PRIOR TO MANUFACTURE

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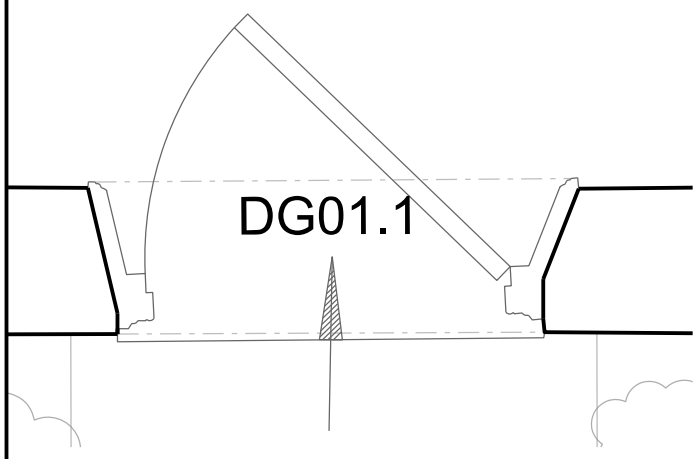
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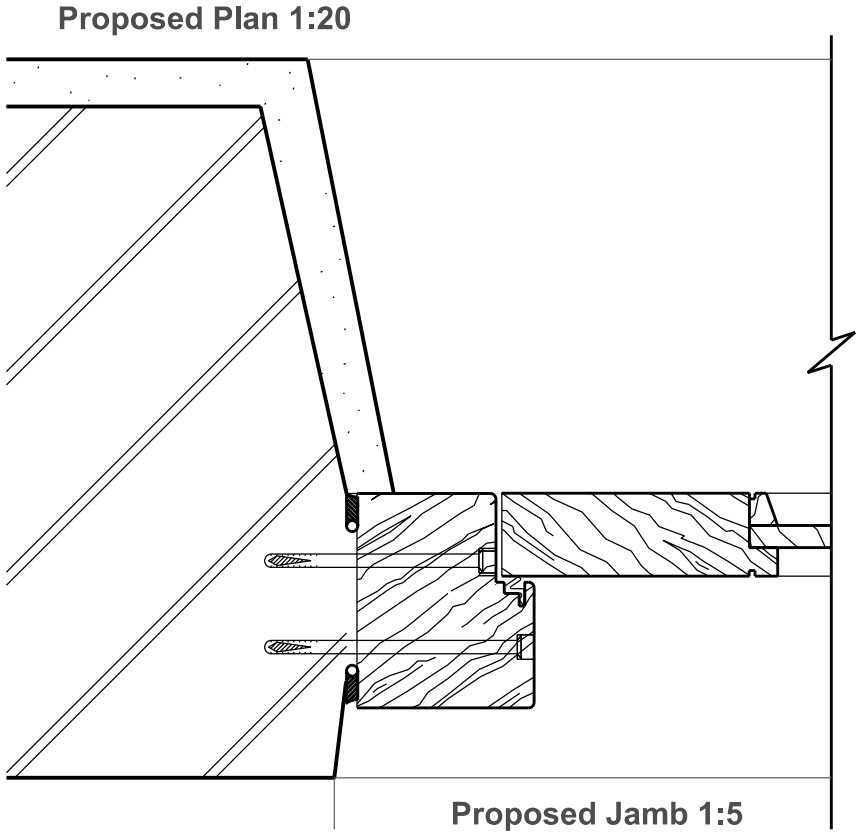


Proposed Elevation 1:20
Timber panelled door with fan light

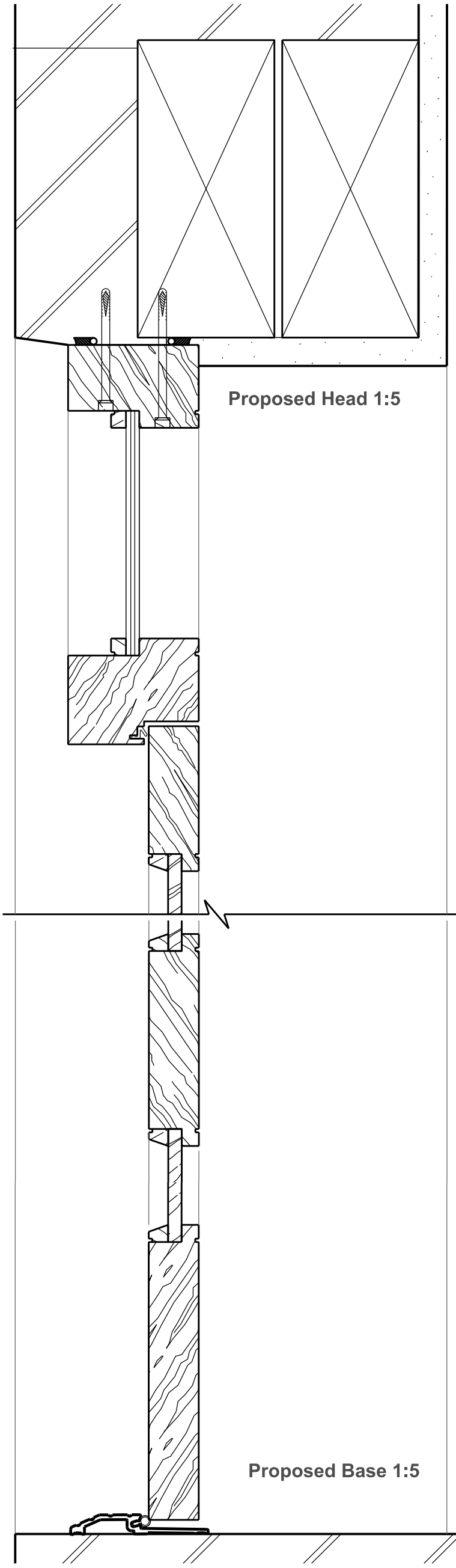
DG01.1



Proposed Plan 1:20



Proposed Jamb 1:5



Proposed Head 1:5

Proposed Base 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
–	--.--.——	–	–

PROJECT HALL FARM, KIRK LANGLEY
TITLE Proposed Door Details
STATUS PLANNING

DRAWING NUMBER	206(32)011	REVISION	–	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 FEB 2021

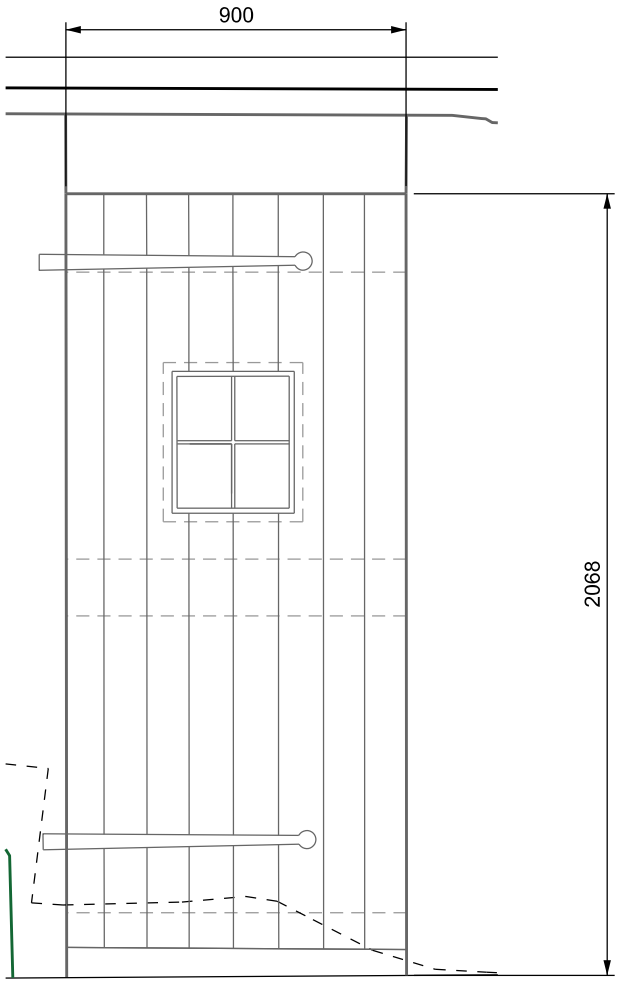
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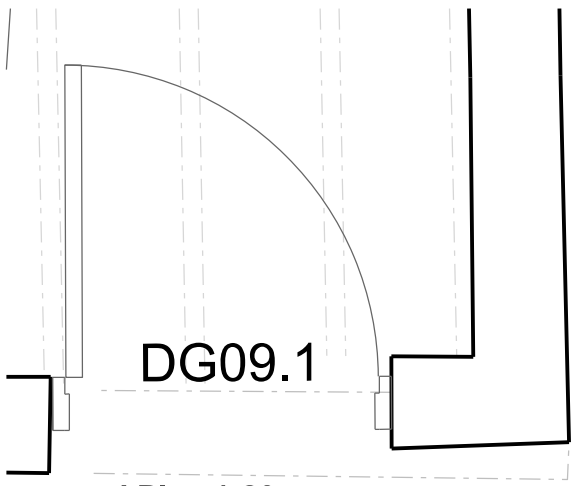
ALL DIMENSIONS MUST BE CHECKED ONSITE
PRIOR TO MANUFACTURE

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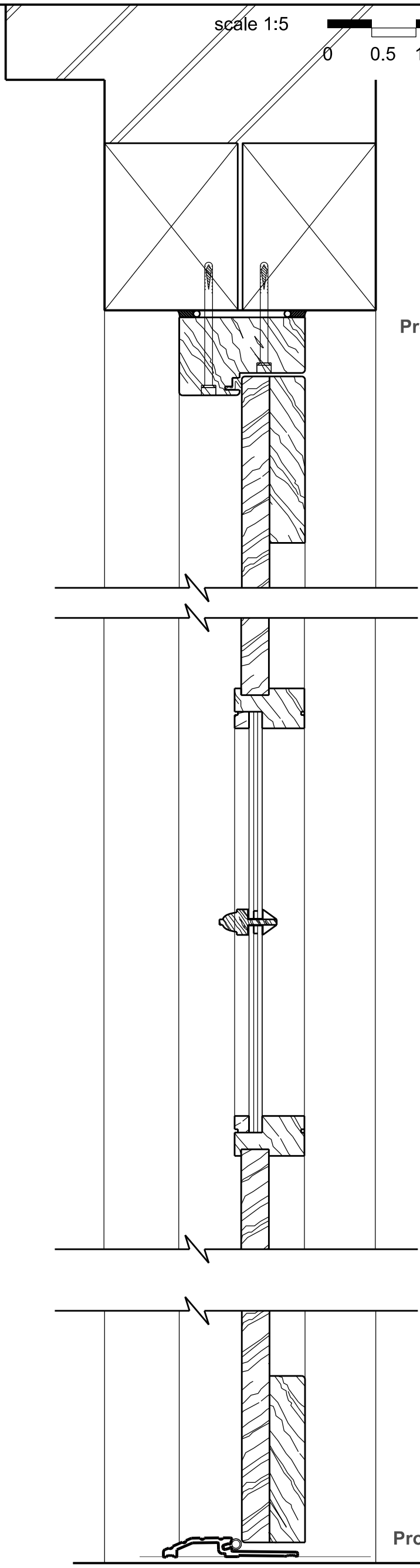
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Proposed Elevation 1:20
Timber boarded door with glazed window
DG09.1

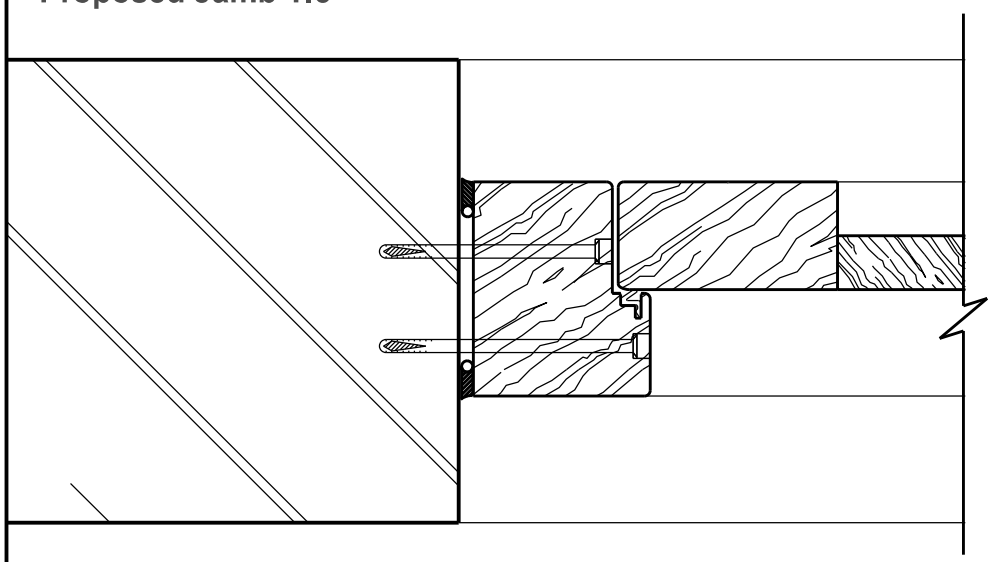


Proposed Plan 1:20



Proposed Head 1:5

Proposed Jamb 1:5



Proposed Base 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
–	--.–.—	–	–

PROJECT	**HALL FARM, KIRK LANGLEY**				
TITLE	Proposed Door Details				
STATUS	**PLANNING**				
DRAWING NUMBER	206(32)012	REVISION	–	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 FEB 2021

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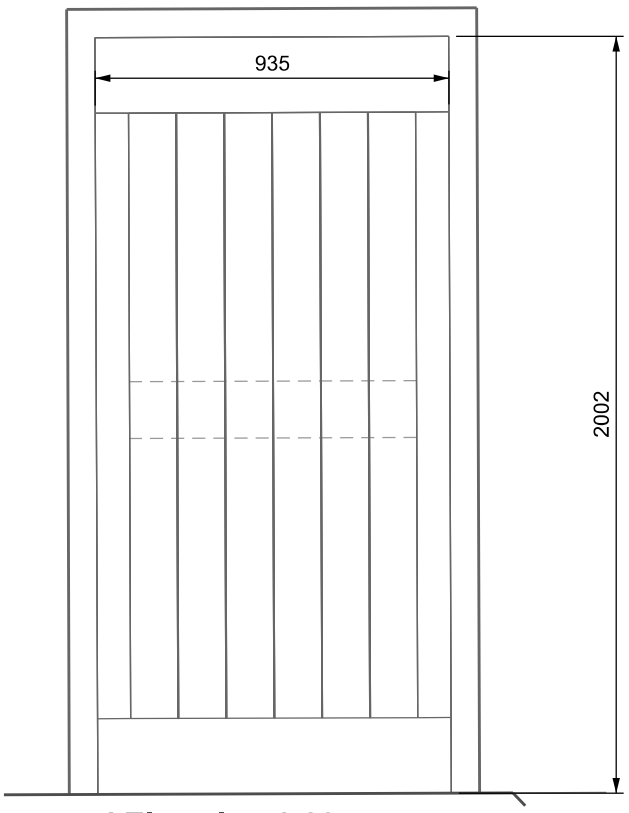
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PRIOR TO MANUFACTURE

scale 1:5

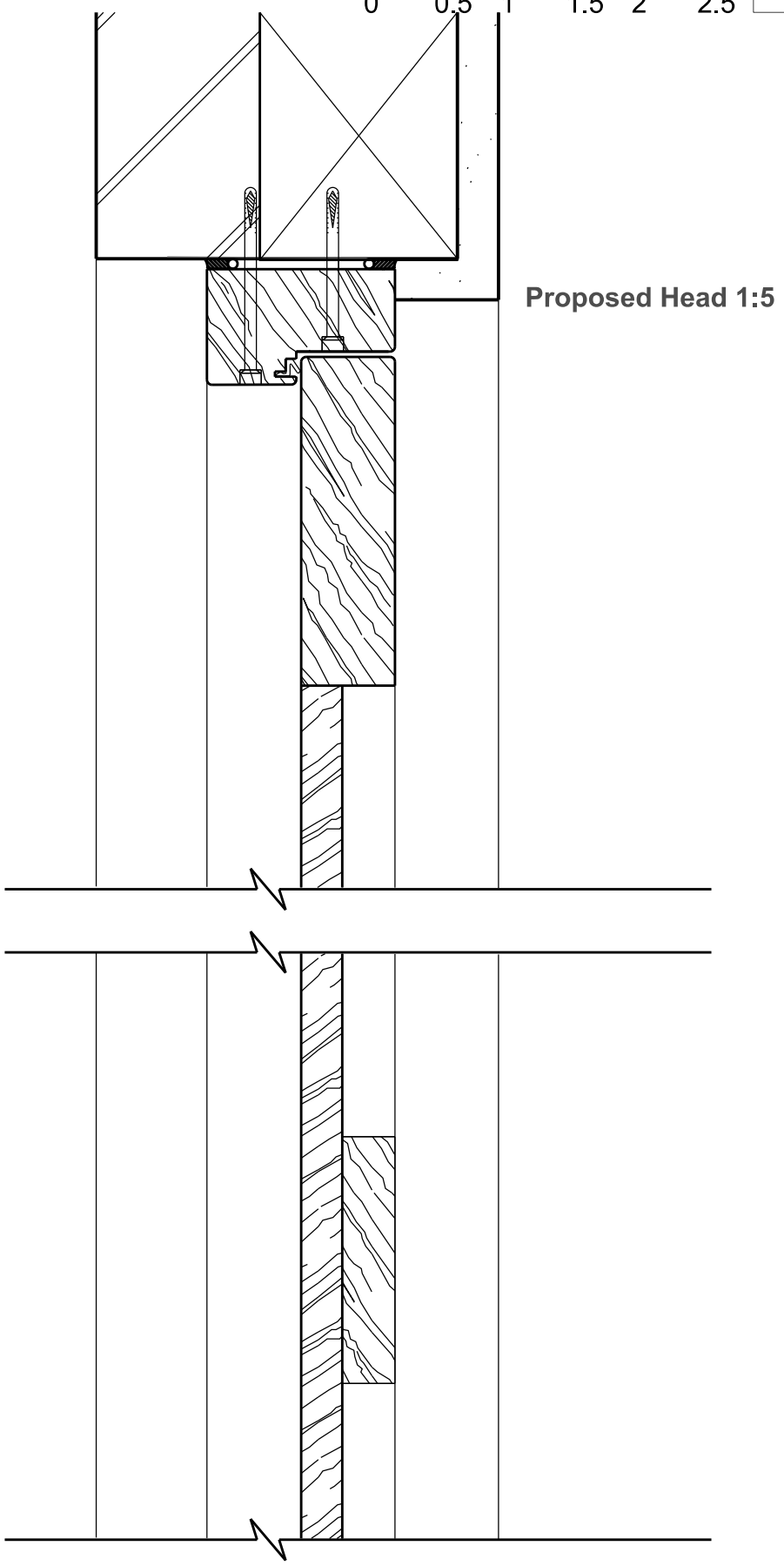
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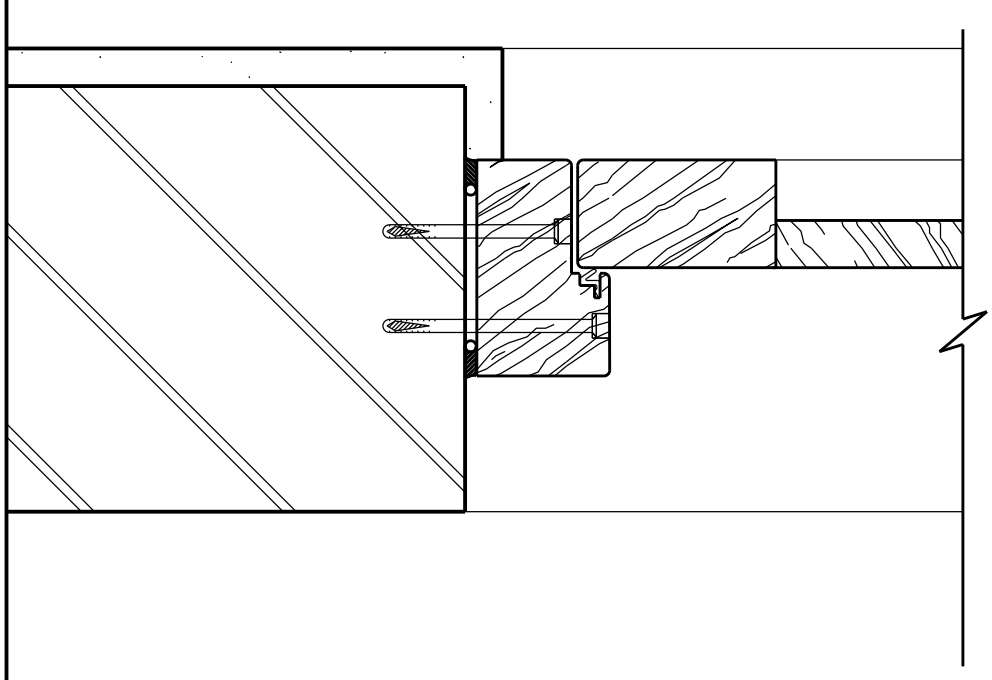
Proposed Elevation 1:20
Timber boarded door
DG07.2

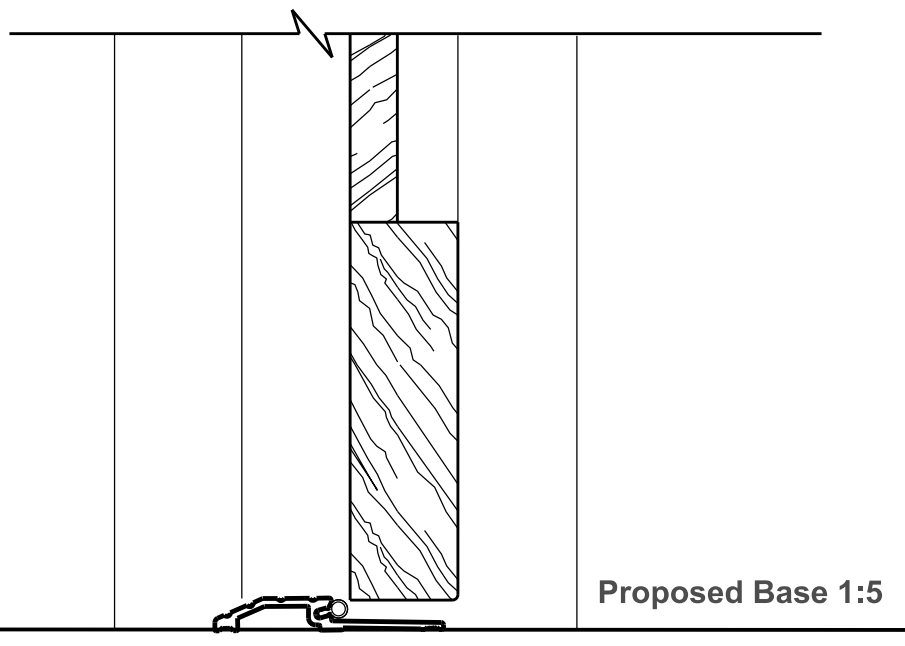
Proposed Plan 1:20



Proposed Head 1:5

Proposed Jamb 1:5





Proposed Base 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
–	--.--.——	–	–

PROJECT HALL FARM, KIRK LANGLEY
TITLE Proposed Door Details
STATUS PLANNING

DRAWING NUMBER	206(32)013	REVISION	–	SCALE	1:5
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 FEB 2021

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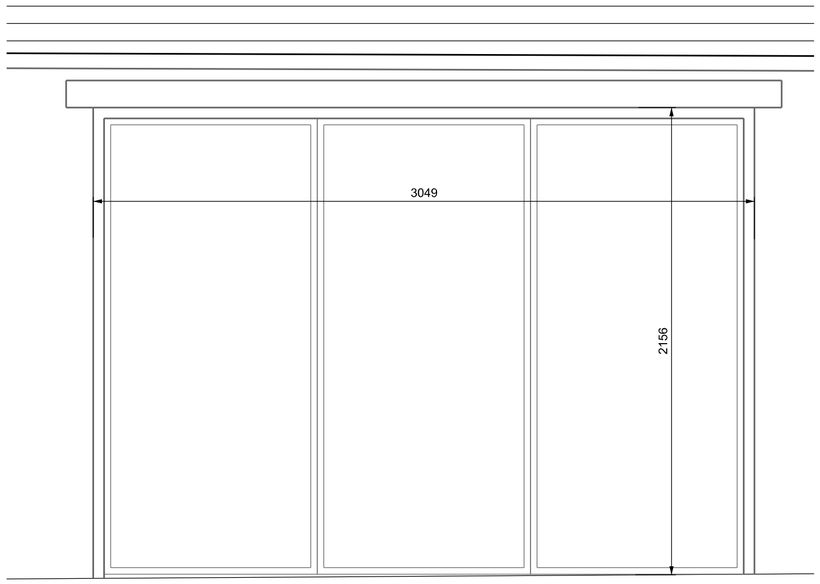
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scale 1:5

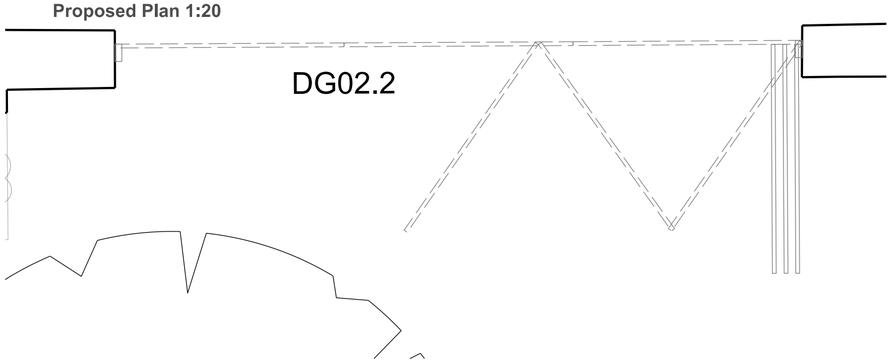
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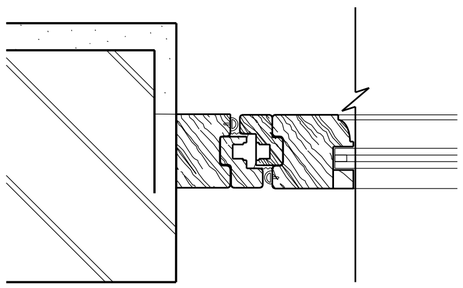


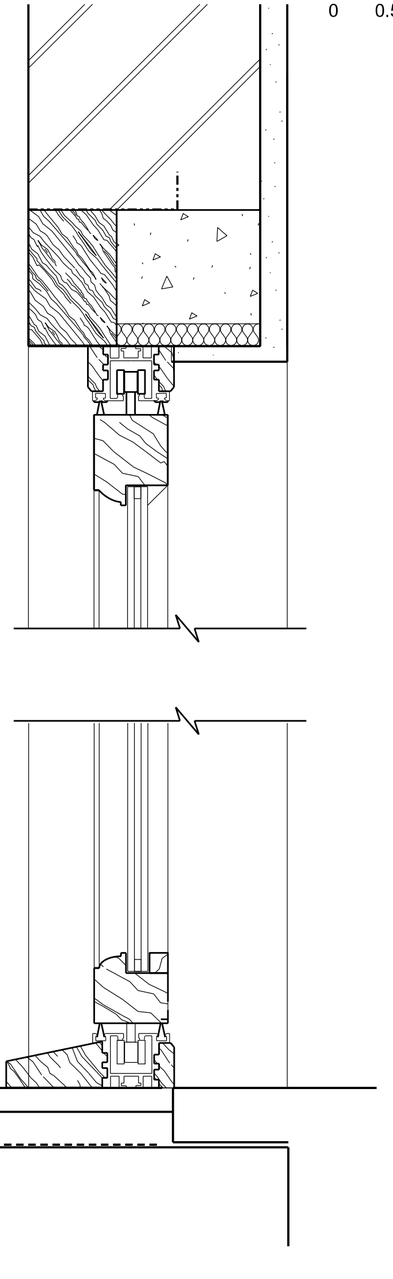
Proposed Elevation 1:20
Timber bi-fold doors with timber lintel.
DG02.2

Proposed Plan 1:20



Proposed Jamb 1:5





Proposed Vertical Section 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial	Revision	Date	Note	initial
–	--.--.—	--	–				

PROJECT	**HALL FARM, KIRK LANGLEY**				
TITLE	Proposed Door Details				
STATUS	**PLANNING**				
DRAWING NUMBER	206(32)014	REVISION	--	SCALE	
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 Feb 2021

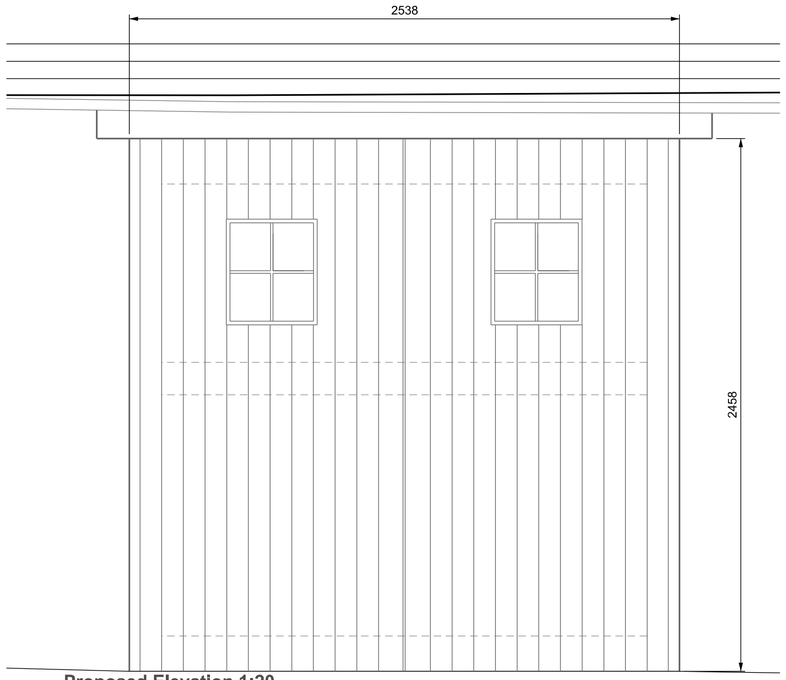
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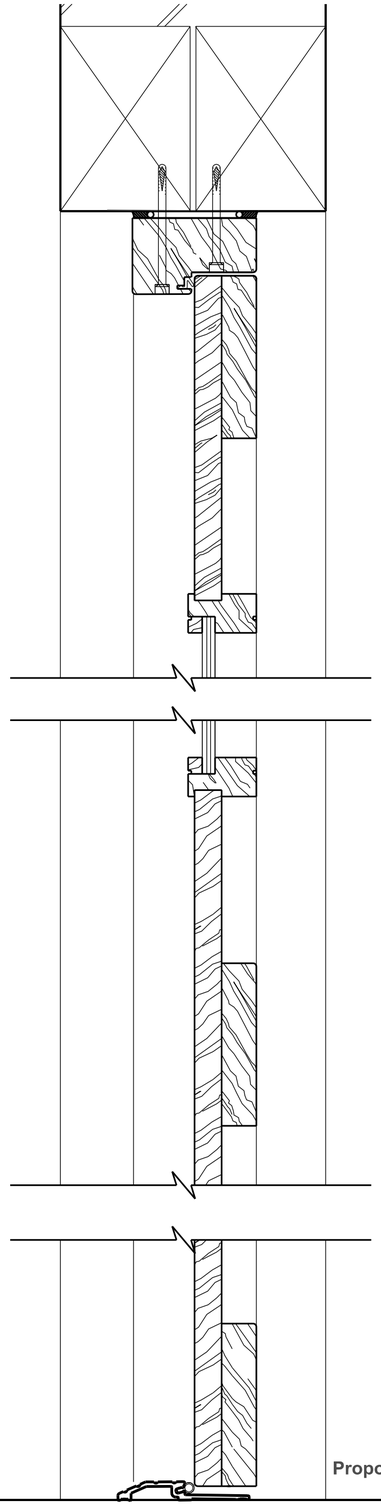
ALL DIMENSIONS MUST BE CHECKED ONSITE
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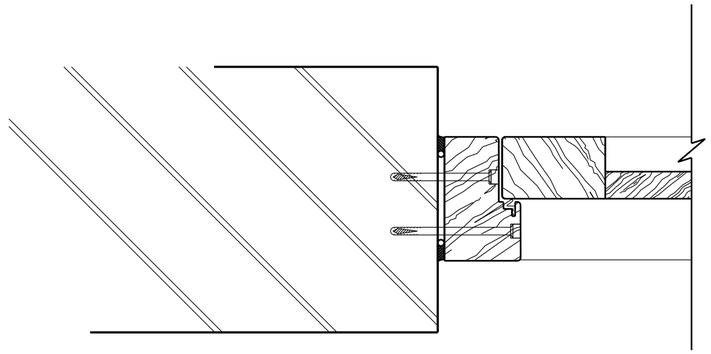
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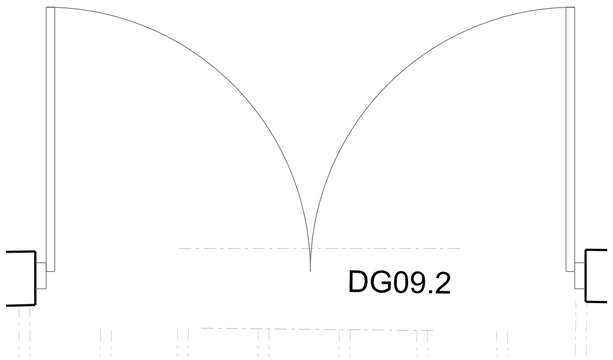


Proposed Elevation 1:20
Timber boarded door with glazed window
DG09.2





Proposed Jamb 1:5



Proposed Plan 1:20

Proposed Vertical Section 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial	Revision	Date	Note	initial
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PROJECT	**HALL FARM, KIRK LANGLEY**				
TITLE	Proposed Door Details				
STATUS	**PLANNING**				
DRAWING NUMBER	206(32)015	REVISION	--	SCALE	
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 Feb 2021

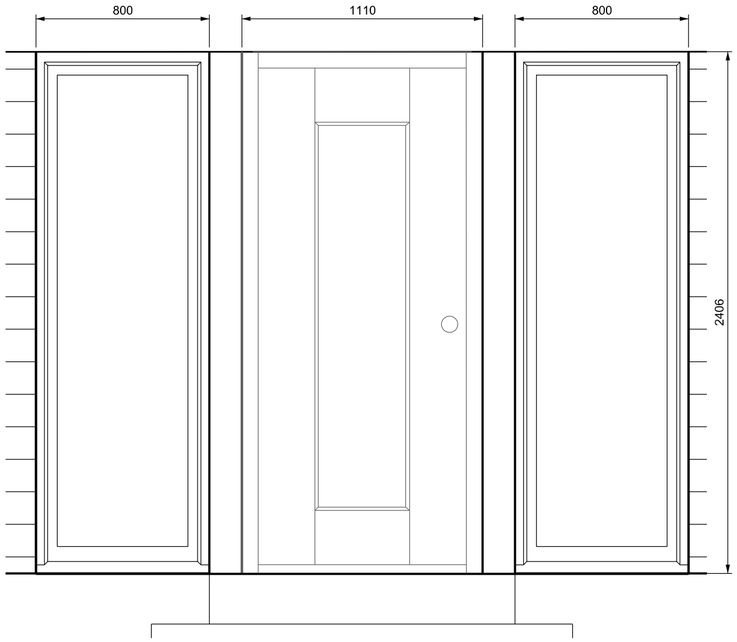
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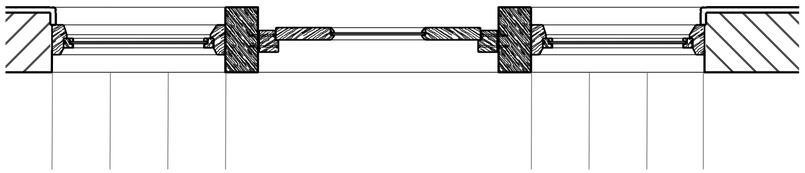
ALL DIMENSIONS MUST BE CHECKED ONSITE
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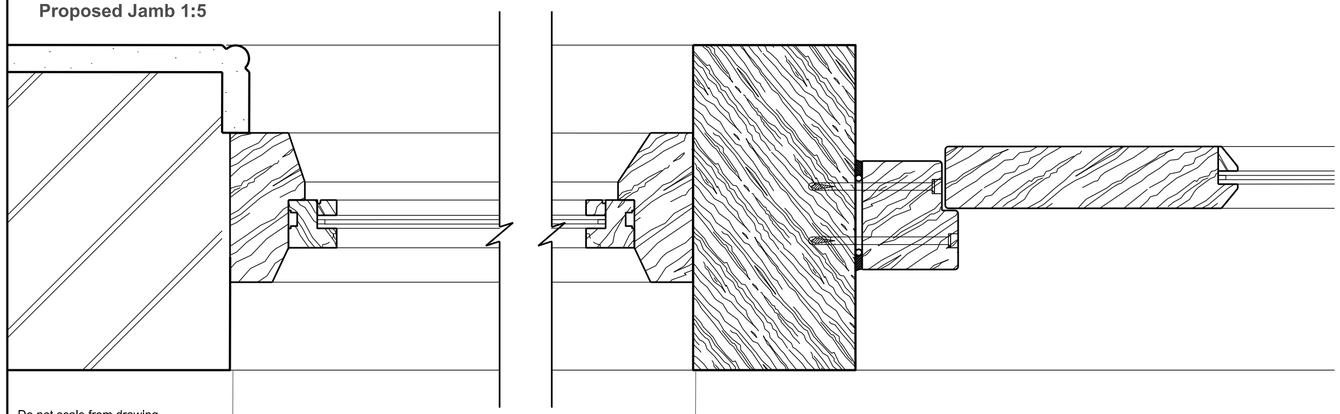


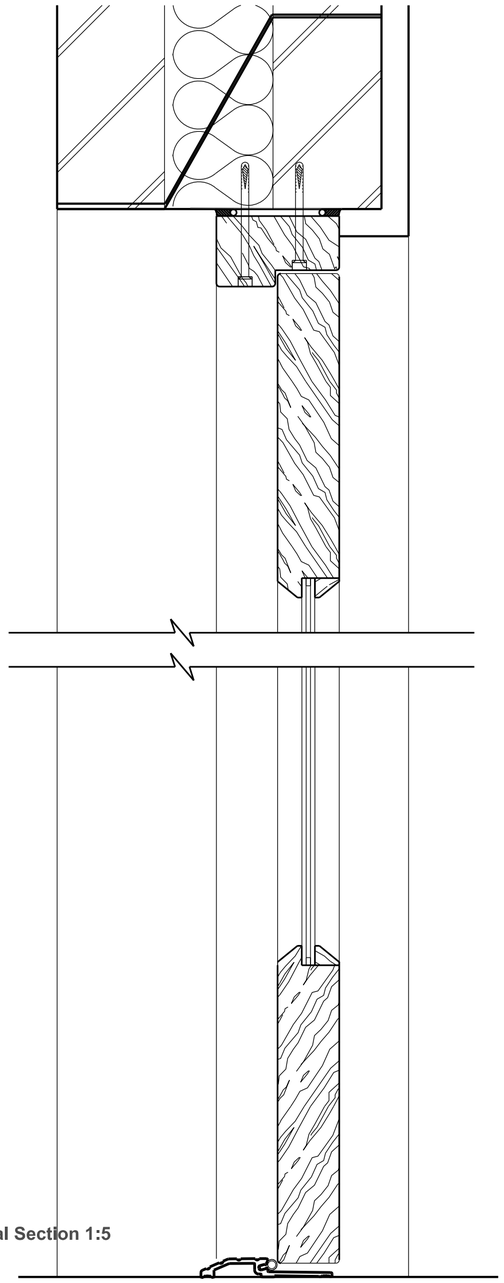
Proposed Elevation 1:20
Timber door with glazed window, glazed window either side
DG06.2
WG06.2
WG06.3



Proposed Plan 1:20

Proposed Jamb 1:5





Proposed Vertical Section 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
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Revision	Date	Note	initial

PROJECT	**HALL FARM, KIRK LANGLEY**
TITLE	Proposed Door Details
STATUS	**PLANNING**

DRAWING NUMBER	206(32)016	REVISION	--	SCALE	
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 Feb 2021

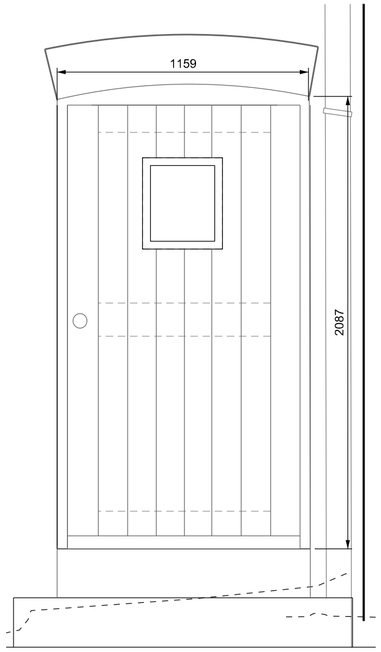
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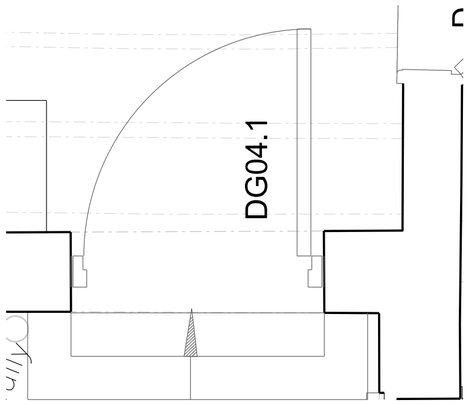
ALL DIMENSIONS MUST BE CHECKED ONSITE
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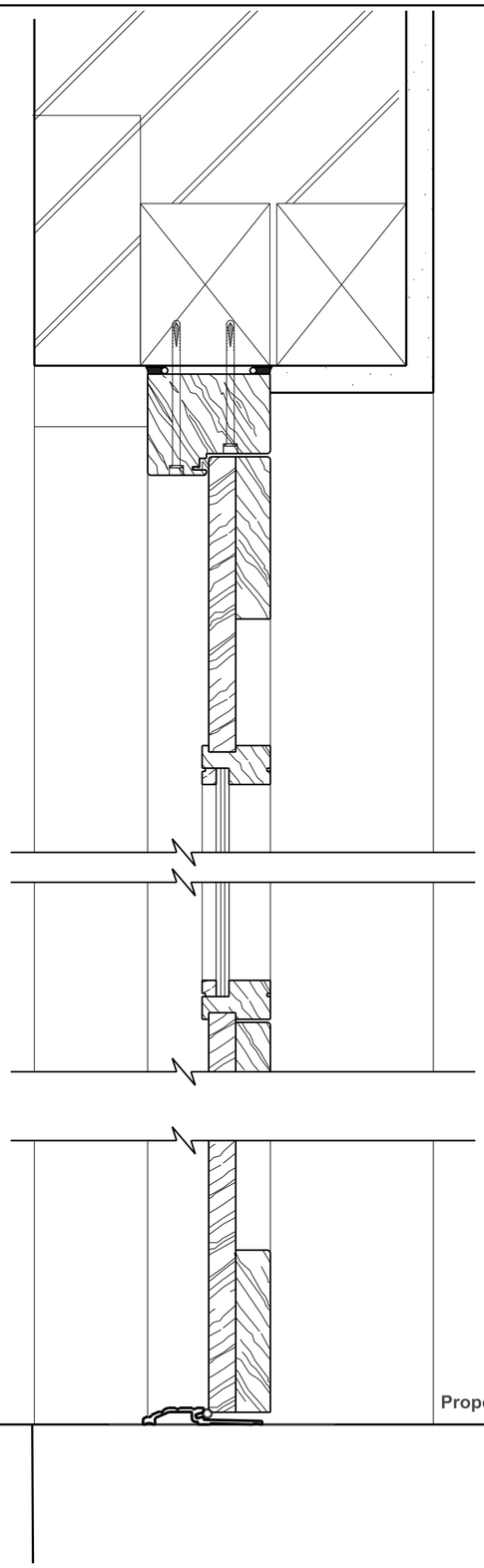
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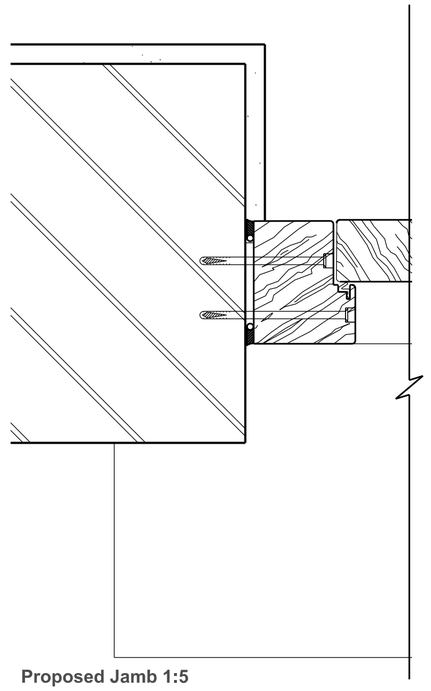
Proposed Elevation 1:20
Timber boarded door with glazed window
DG04.1



Proposed Plan 1:20



Proposed Vertical Section 1:5



Proposed Jamb 1:5

Do not scale from drawing.
Dimensions are to be checked onsite.

Revision	Date	Note	initial
–	--.--.—	--	–

Revision	Date	Note	initial

PROJECT	**HALL FARM, KIRK LANGLEY**					
TITLE	Proposed Door Details					
STATUS	**PLANNING**					
DRAWING NUMBER	206(32)017	REVISION	--	SCALE		
DRAWN BY	SJL	CHECKED BY	PAC	DATE	23 Feb 2021	

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