

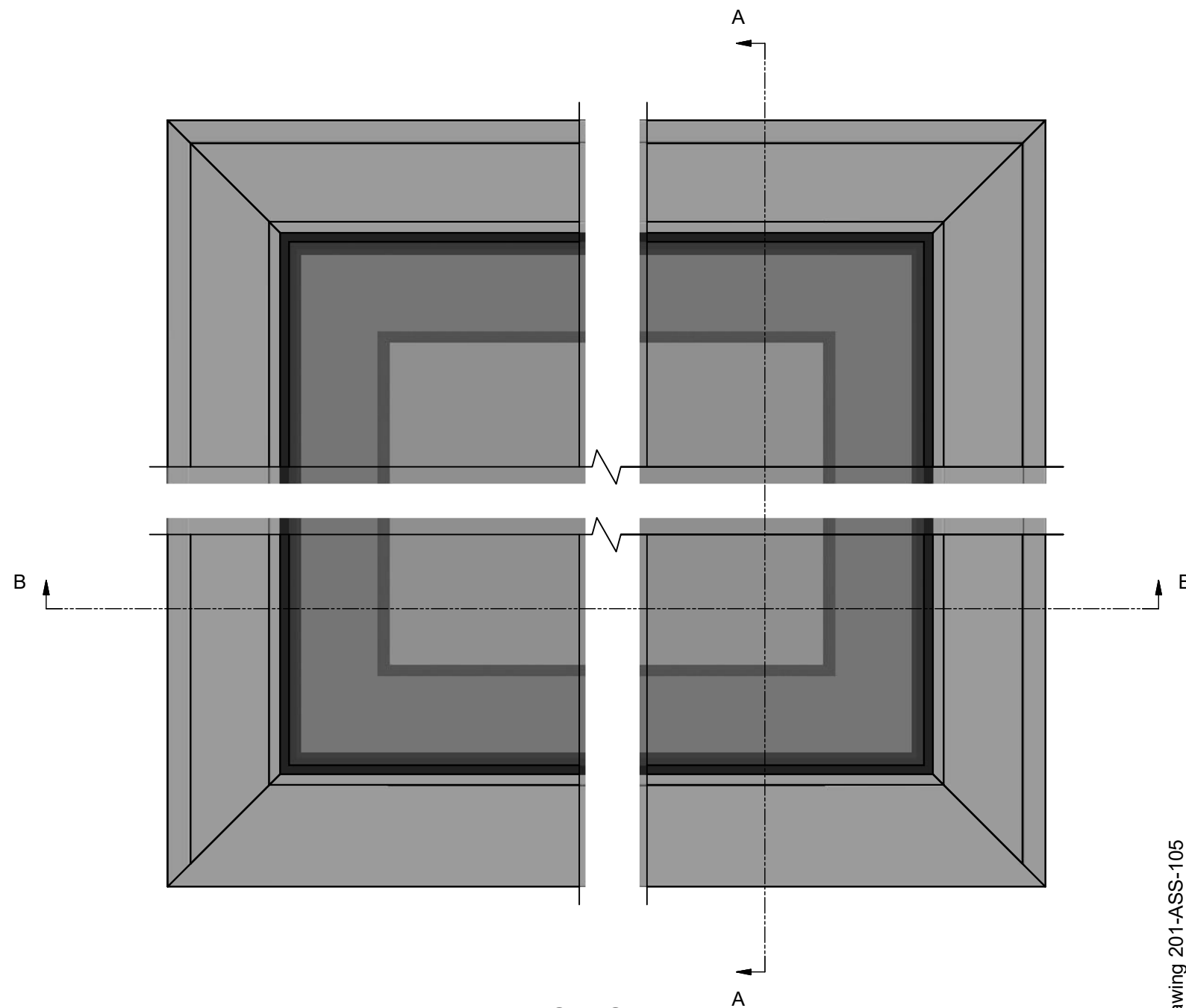


## GV Standard Pitchglaze

201-ASS-100 v1.2 - Sales Drawing Pack

Including drawing numbers:

201-ASS-101 rev A  
201-ASS-102 rev A  
201-ASS-103 rev A  
201-ASS-104 rev A  
201-ASS-105



Section A-A

TOP  
(Head)

OUTSIDE

Internal Viewable Span  
This is the span used to specify the Pitchglaze

INSIDE

BOTTOM  
(Cill)

Supporting structure (e.g. trimmers)

Section B-B

OUTSIDE

Internal Viewable Width

This is the width used to specify the Pitchglaze

See GV drawing 201-ASS-105

Supporting structure (e.g. rafters)

For installation information,  
see GV drawings  
201-ASS-102  
201-ASS-103  
201-ASS-104

\* Value includes nominal 10mm tolerance

INSIDE

**GLAZING  
VISION**

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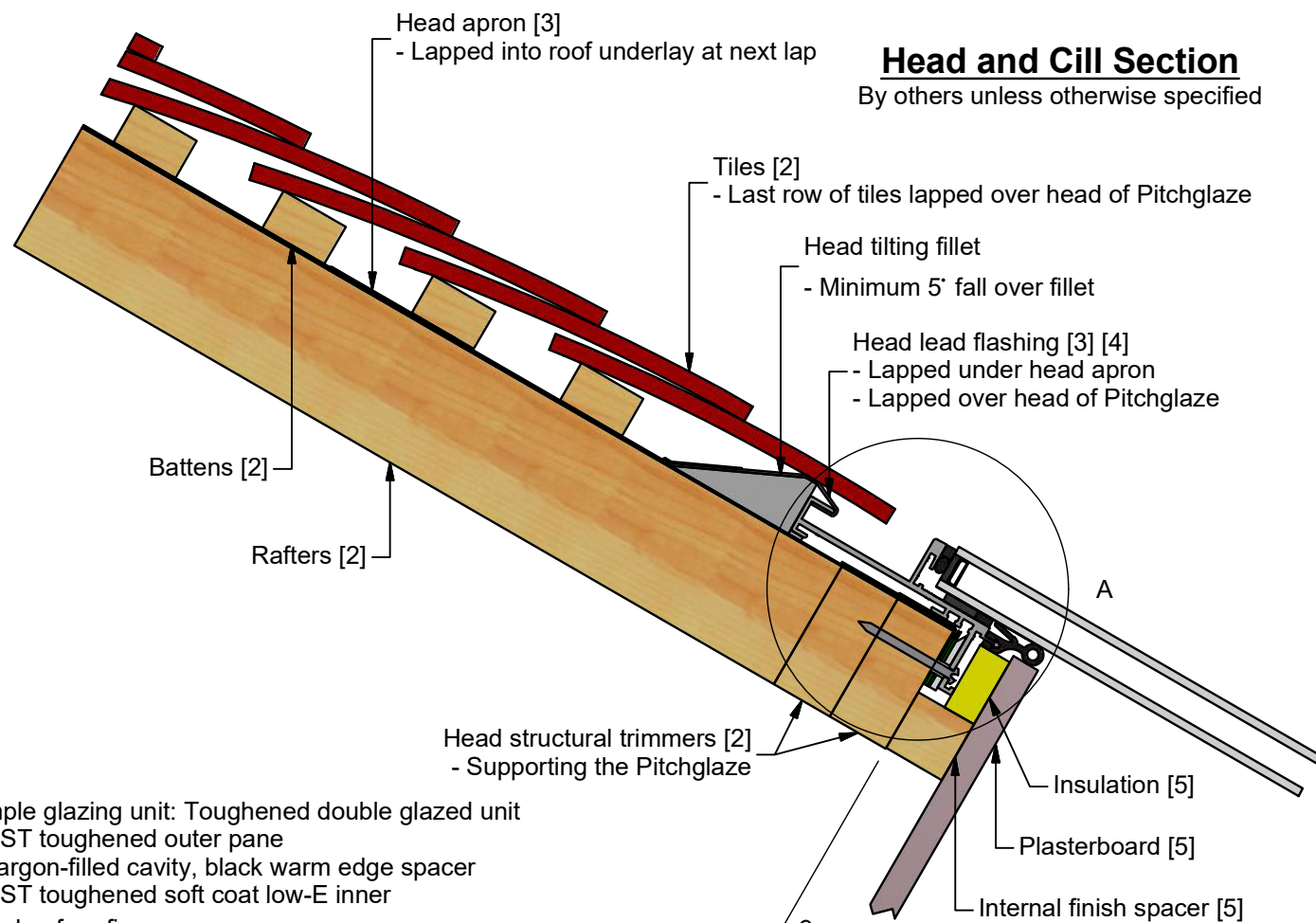
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Third angle projection unless otherwise noted.  
Tolerances:  
Whole numbers =  $\pm 1\text{mm}$   
One decimal place =  $\pm 0.5\text{mm}$   
Two decimal places =  $\pm 0.2\text{mm}$   
All angles  $90 \pm 0.5$  degrees unless specified  
**IF IN DOUBT - ASK! DO NOT SCALE**  
**Supplier to deburr & remove sharp corners**

Rev	Revision Description	Drawn/ Date	Product: 201 - GV Standard Pitchglaze MkII	Checked By:
-	INITIAL ISSUE	JSL 24/01/2018	Description: General dimensions	HL
A	TOLERANCES ADDED TO ASTERISKED (*) VALUES	JSL 24/06/2019	Materials: - Finish: - Weight: N/A Quantity: - Scale: NTS	Check Date: 24/06/2019
			Drawn By: JSL Drawn Date: 24/01/2018 Drawing No: 201-ASS-101	

## Head and Cill Section

By others unless otherwise specified



- [1] Example glazing unit: Toughened double glazed unit  
 - 6mm HST toughened outer pane  
 - 16mm argon-filled cavity, black warm edge spacer  
 - 6mm HST toughened soft coat low-E inner

[2] Example of roofing:

- Plain tiles at 120mm gauge with double overlap
- 50 x 30mm battens
- 4 x 2in rafters and trimmers

[3] Flashing kit:

- If specified then supplied by GV
- Otherwise supplied by others
- All lead to be code 4 (apx. 1.8mm)
- All aprons to be of underlay at least 1m wide
- Consider clipping flashings and soakers down in severe exposures

[4] Mortar beds are NOT suitable for use with this product

- In case of damage to the glass, the entire unit is expected to be replaced

[5] Example of internal finish:

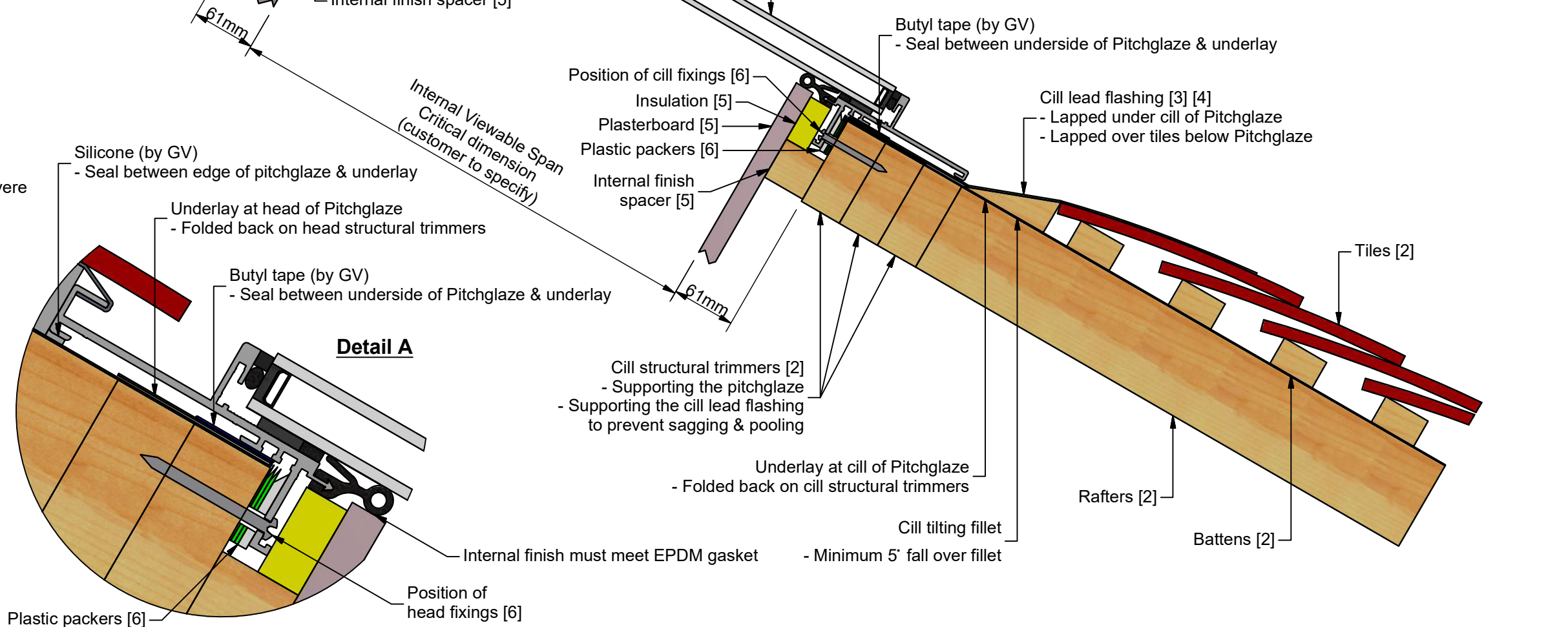
- Plasterboard spaced away from the rafters/structural trimmers using 2in timber
- Space between plasterboard and aluminium frame of Pitchglaze insulated

[6] Fixings:

- Woodscrews and a selection of plastic packers supplied by GV

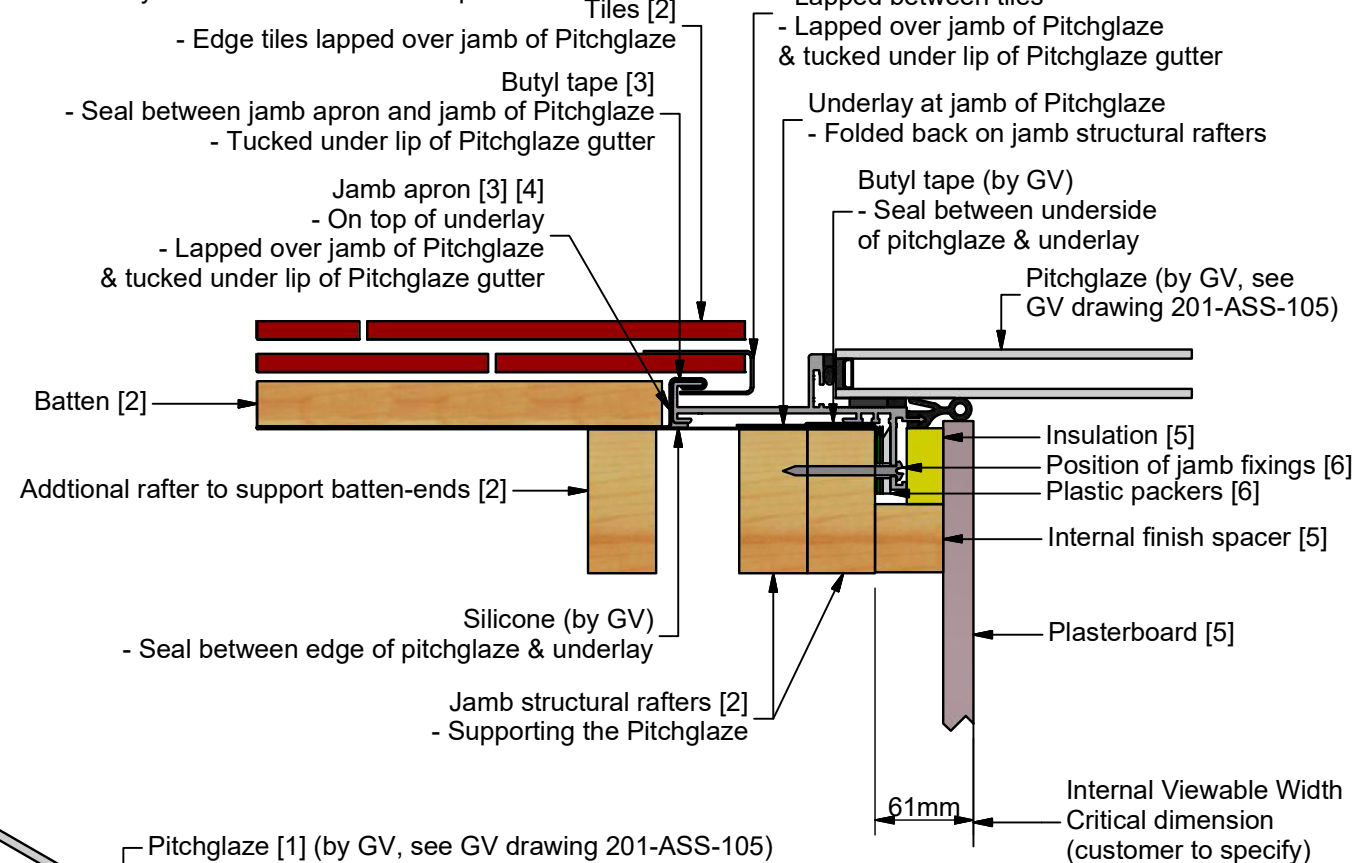
Please Note

These products can be very heavy. GV strongly recommend that a structural engineer is consulted when designing the structure(s) that will support the Pitchglaze and the surrounding roof. The roofing materials & construction shown in these details are presented as an example only. This drawing does not constitute a structural proposal.



## Jamb Section

By others unless otherwise specified



### Detail A

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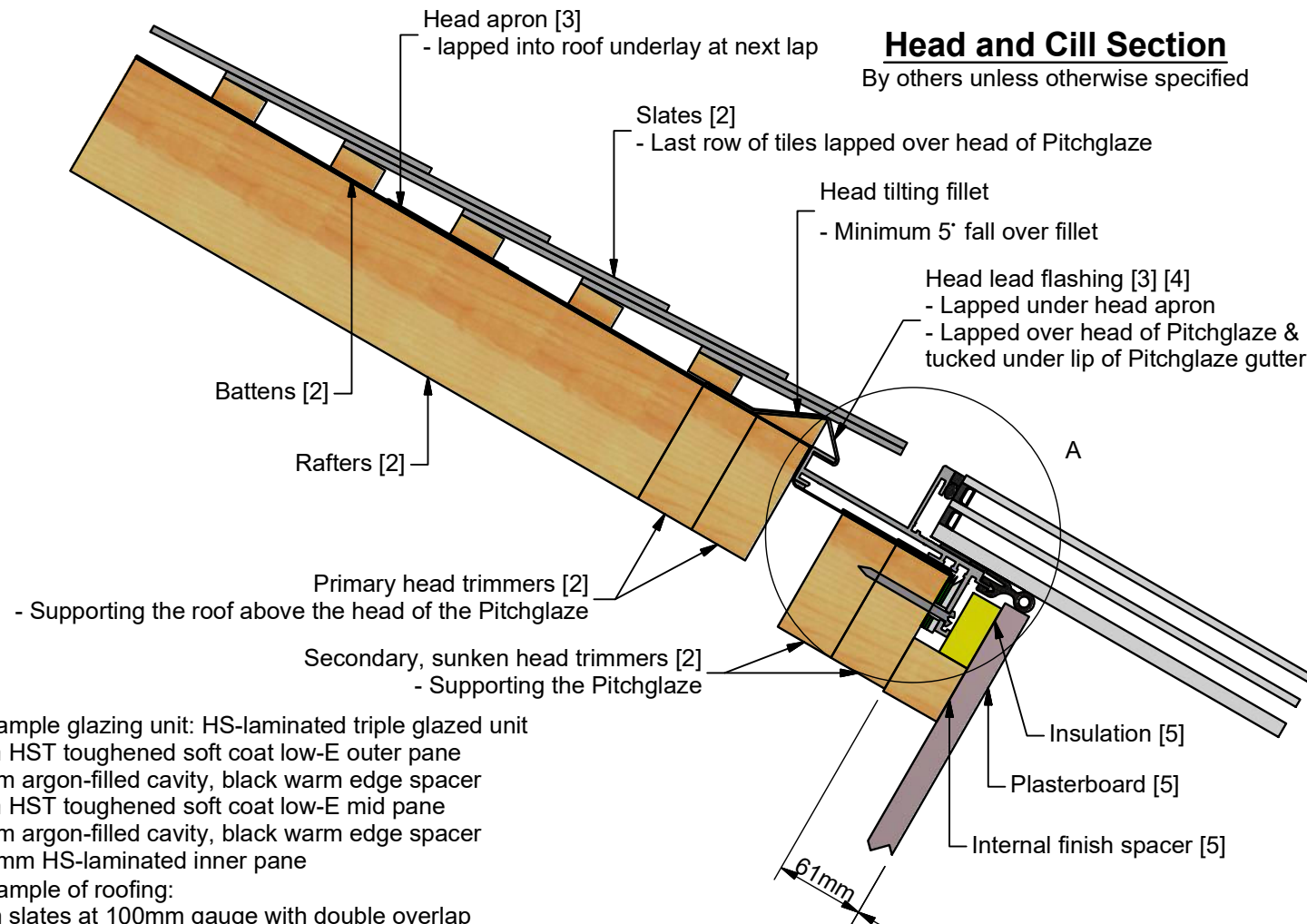
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Supplier to deburr & remove sharp corners

Rev	Revision Description	Drawn/Date	Product: 201 - GV Standard Pitchglaze MkII	Checked By:
-	INITIAL ISSUE	JSL 12/04/2018	Description: Standard Installation GA	HL
A	Difference between structural rafter/trimmer opening and internal viewable opening revised from 65mm	JSL 08/11/2018	Materials: AS SITE HARDWARE LIST Finish: - Weight: N/A Quantity: - Scale: NTS	Check Date: 08/11/2018
			Drawn By: JSL Drawn Date: 12/04/2018 Drawing No: 201-ASS-102	



## Head and Cill Section

By others unless otherwise specified



[1] Example glazing unit: HS-laminated triple glazed unit  
 - 6mm HST toughened soft coat low-E outer pane  
 - 14mm argon-filled cavity, black warm edge spacer  
 - 6mm HST toughened soft coat low-E mid pane  
 - 14mm argon-filled cavity, black warm edge spacer  
 - 11.5mm HS-laminated inner pane

[2] Example of roofing:  
 - Plain slates at 100mm gauge with double overlap  
 - 36 x 18mm battens  
 - 4 x 2in rafters and trimmers

[3] Flashing kit:  
 - If specified then supplied by GV  
 - Otherwise supplied by others  
 - All lead to be code 4 (apx. 1.8mm)  
 - All aprons to be of underlay at least 1m wide  
 - Consider clipping flashings and soakers down in severe exposures

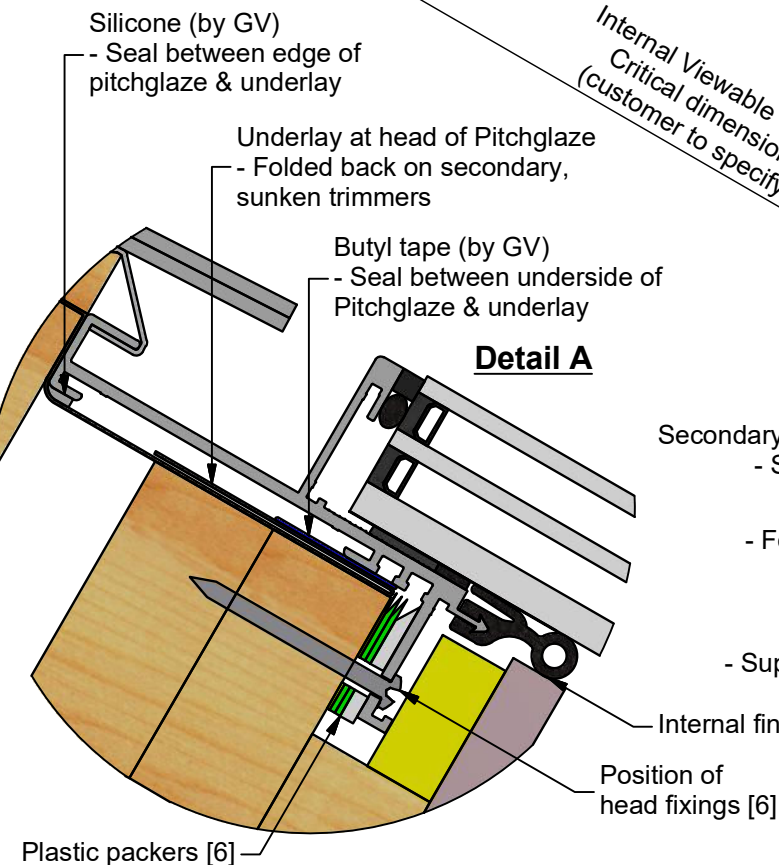
[4] Mortar beds are NOT suitable for use with this product  
 - In case of damage to the glass, the entire unit is expected to be replaced

[5] Example of internal finish:  
 - Plasterboard spaced away from the rafters/structural trimmers using 2in timber  
 - Space between plasterboard and aluminium frame of Pitchglaze insulated

[6] Fixings:  
 - Woodscrews and a selection of plastic packers supplied by GV

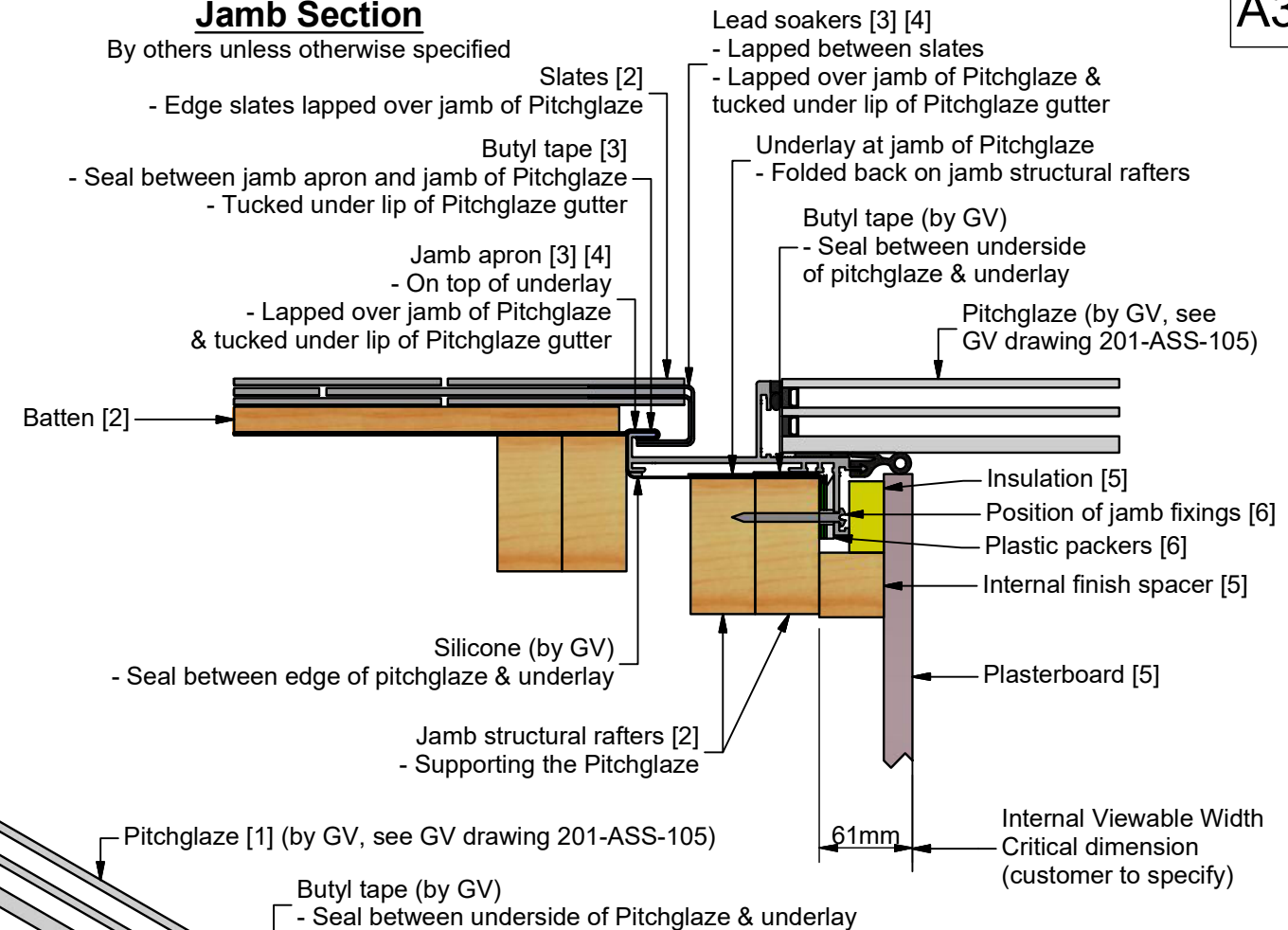
Please Note  
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### Detail A



## Jamb Section

By others unless otherwise specified



Position of cill fixings [6]  
 Insulation [5]  
 Plasterboard [5]  
 Plastic packers [6]  
 Internal finish spacer [5]  
 Secondary, sunken cill trimmers [2]  
 - Supporting the pitchglaze  
 Underlay at cill of Pitchglaze  
 - Folded back on cill structural trimmers  
 Cill flashing support  
 - Supporting the cill lead flashing to prevent sagging & pooling  
 - Supporting the secondary cill tilting fillet

Secondary cill tilting fillet  
 - Minimum 5° fall over fillet  
 - Underneath the underlay

Primary cill trimmers  
 - Supporting the roof below the cill of the Pitchglaze

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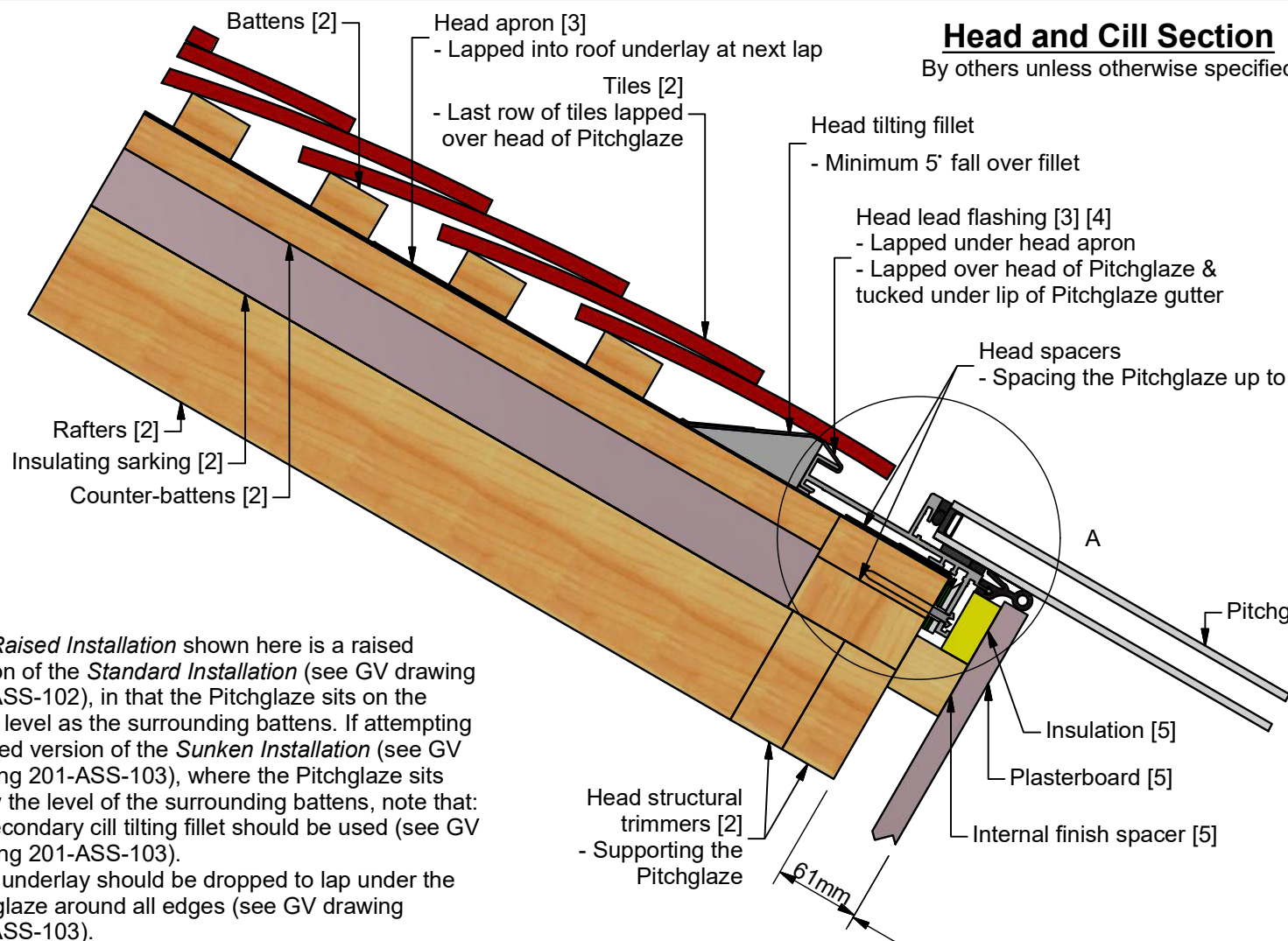
Third angle projection unless otherwise noted.  
 Tolerances:  
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 All angles 90±0.5 degrees unless specified  
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**Supplier to deburr & remove sharp corners**

Rev	Revision Description	Drawn/Date	Product: 201 - GV Standard Pitchglaze MkII	Checked By:
-	INITIAL ISSUE	JSL 12/04/2018	Description: Sunken Installation	HL
A	Difference between secondary, sunken rafter/trimmer opening and internal viewable opening revised from 65mm	JSL 08/11/2018	Materials: AS SITE HARDWARE LIST Finish: - Weight: N/A Quantity: - Scale: NTS	Check Date: 08/11/2018
			Drawn By: JSL Drawn Date: 12/04/2018 Drawing No: 201-ASS-103	



## Head and Cill Section

By others unless otherwise specified



Note:

The *Raised Installation* shown here is a raised version of the *Standard Installation* (see GV drawing 201-ASS-102), in that the Pitchglaze sits on the same level as the surrounding battens. If attempting a raised version of the *Sunken Installation* (see GV drawing 201-ASS-103), where the Pitchglaze sits below the level of the surrounding battens, note that:

- A secondary cill tilting fillet should be used (see GV drawing 201-ASS-103).
- The underlay should be dropped to lap under the Pitchglaze around all edges (see GV drawing 201-ASS-103).

- [1] Example glazing unit: Toughened double glazed unit
- 6mm HST toughened outer pane
  - 16mm argon-filled cavity, black warm edge spacer
  - 6mm HST toughened soft coat low-E inner

- [2] Example of roofing:

- Plain tiles at 120mm gauge with double overlap
- 50 x 30mm battens & counter-battens
- 50mm insulating sarking
- 4 x 2in rafters and trimmers

- [3] Flashing kit:

- If specified then supplied by GV
- Otherwise supplied by others
- All lead to be code 4 (apx. 1.8mm)
- All aprons to be of underlay at least 1m wide
- Consider clipping flashings and soakers down in severe exposures

- [4] Mortar beds are NOT suitable for use with this product  
- In case of damage to the glass, the entire unit is expected to be replaced

- [5] Example of internal finish:

- Plasterboard spaced away from the rafters/structural trimmers using 2in timber
- Space between plasterboard and aluminium frame of Pitchglaze insulated

- [6] Fixings:

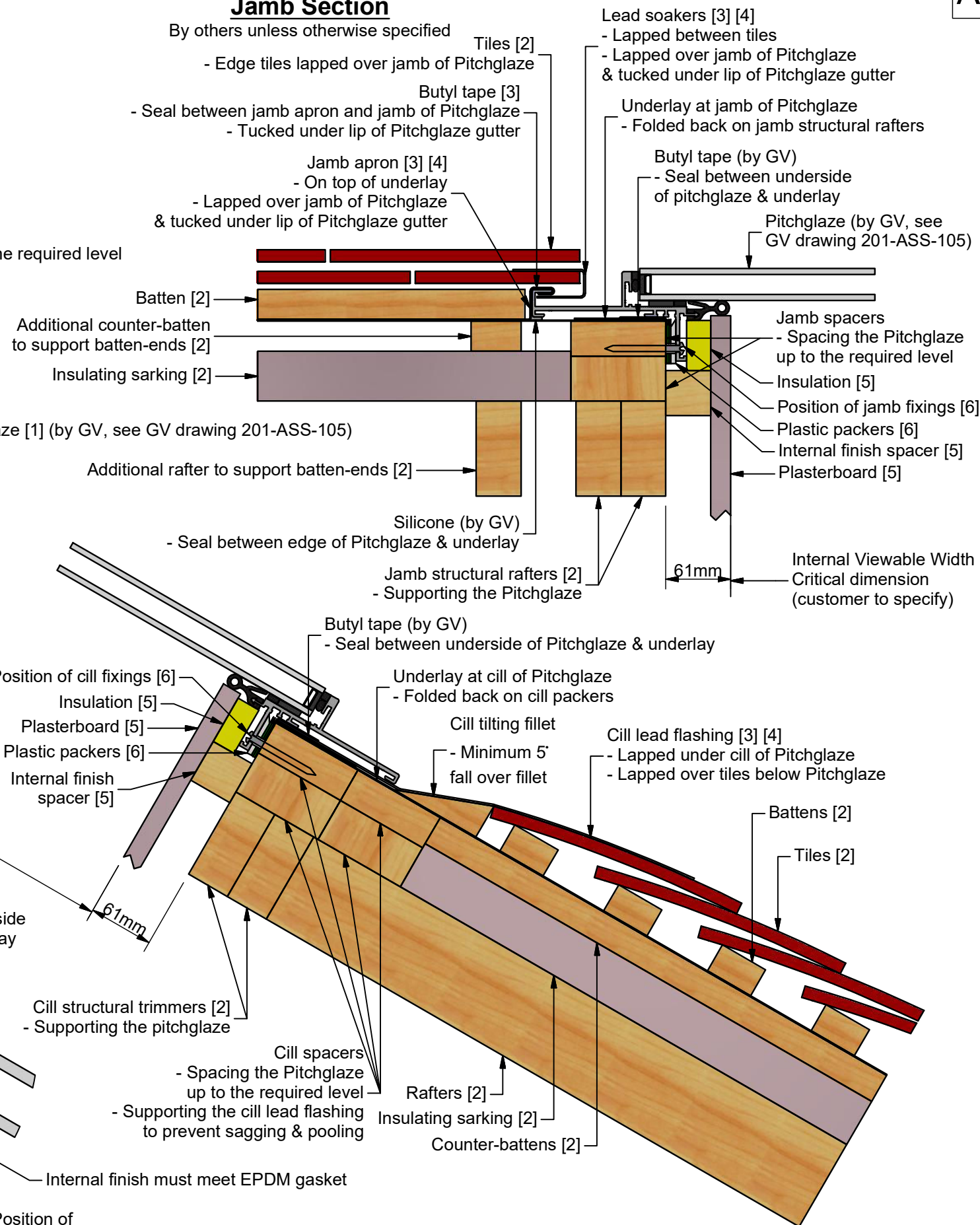
- Woodscrews and a selection of plastic packers supplied by GV

Please Note:

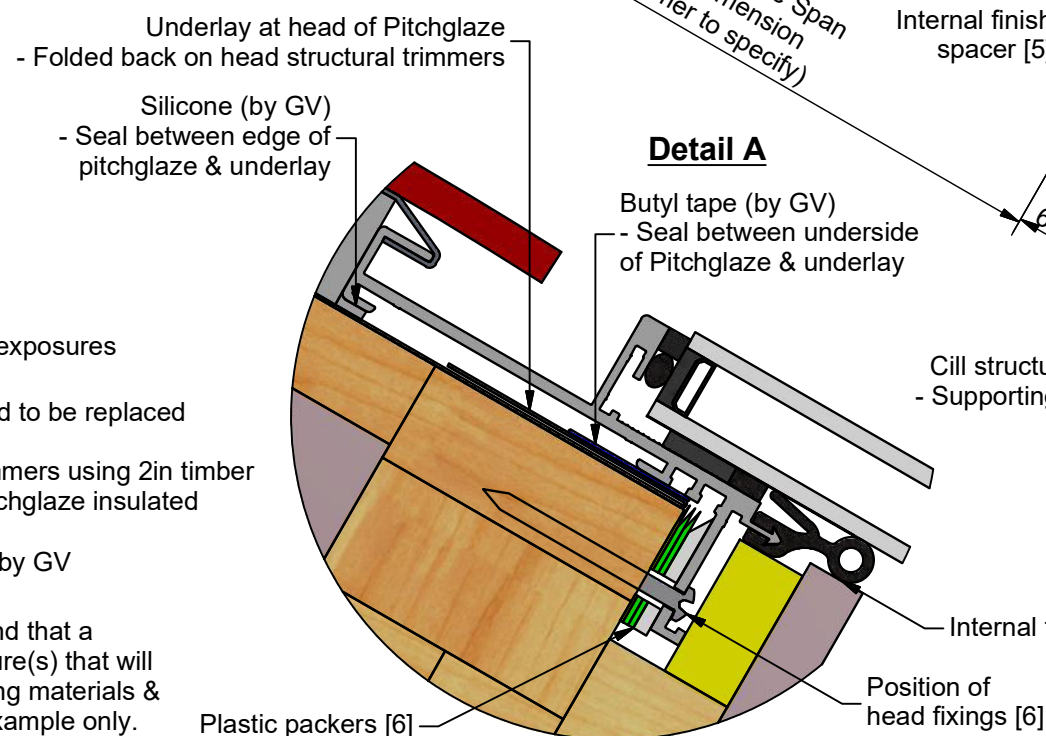
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## Jamb Section

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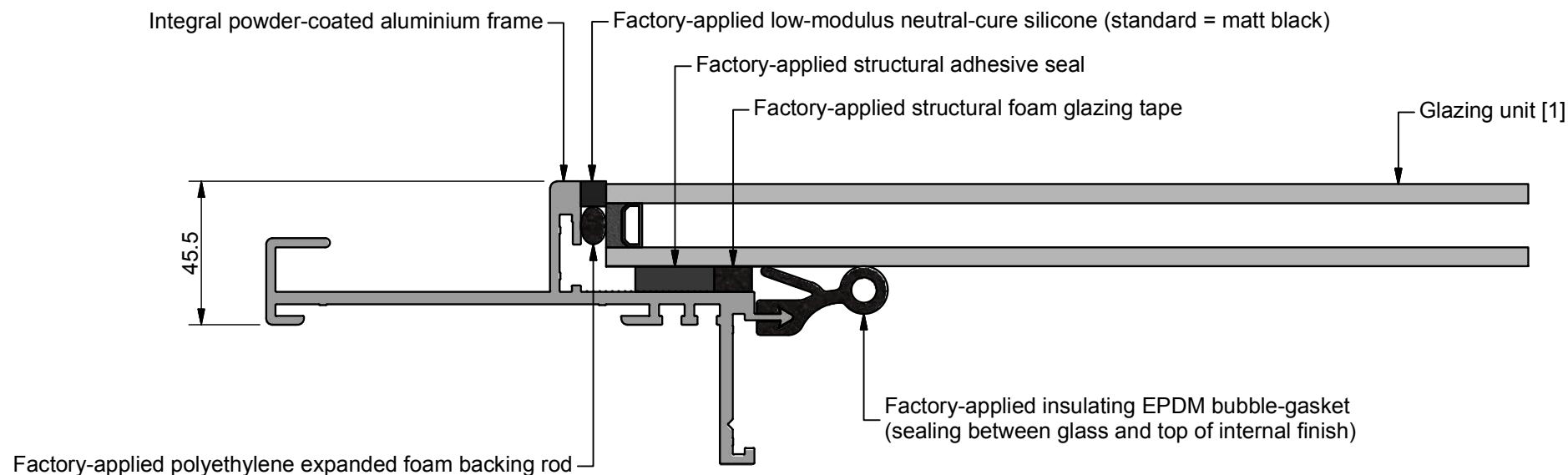
### Detail A



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			-	INITIAL ISSUE	JSL 12/04/2018	Materials: AS SITE HARDWARE LIST	Check Date:  08/11/2018	
			A	Difference between structural rafter/trimmer opening and internal viewable opening revised from 65mm	JSL 08/11/2018	Finish: -		Drawn By: JSL
						Weight: N/A		Drawn Date: 12/04/2018
						Quantity: -	Drawing No: 201-ASS-104	
				Scale: NTS				

**GV Standard Pitchglaze MkII****Small Frame**

Used for glass between 26mm & 34.8mm in thickness  
(typically double glazed units)

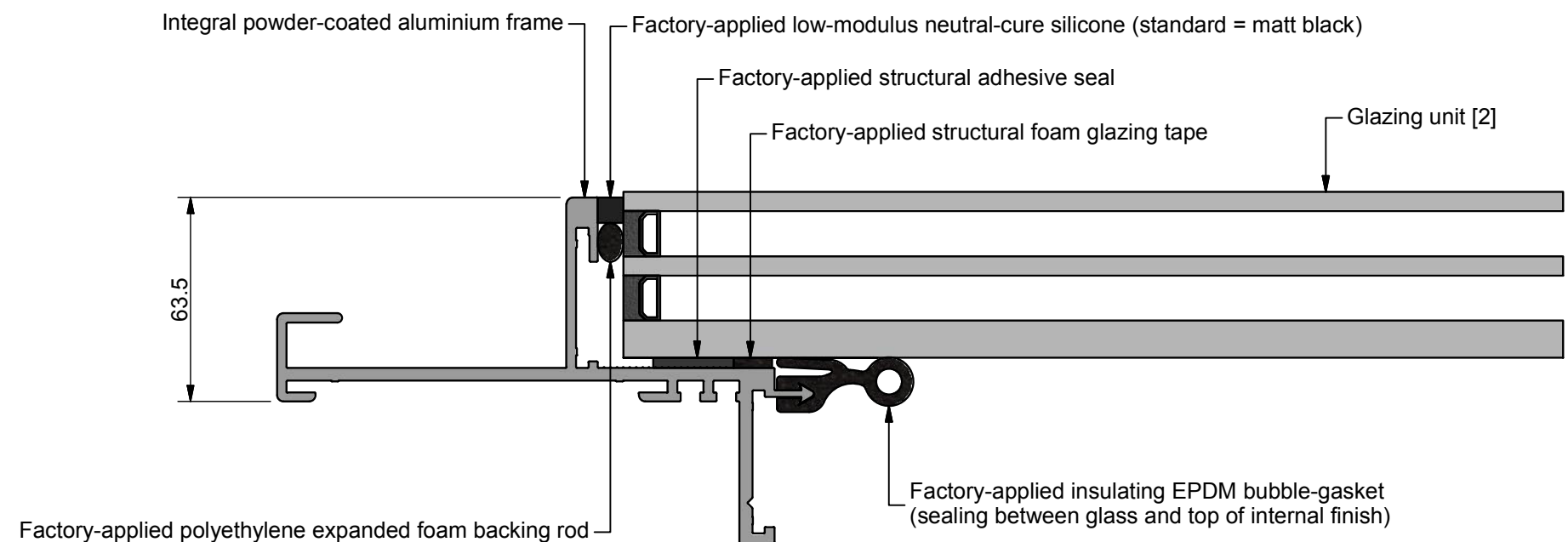
**For Both Frames**

For general dimensions, see GV drawing  
201-ASS-101

For installation information, see GV drawings  
201-ASS-102  
201-ASS-103  
201-ASS-104

**GV Standard Pitchglaze MkII****Large Frame**

Used for glass between 44mm & 52.8mm in thickness  
(typically triple glazed units)



[1] Example glazing unit: Toughened double glazed unit  
- 6mm HST toughened outer pane  
- 16mm argon-filled cavity, black warm edge spacer  
- 6mm HST toughened soft coat low-E inner pane

[2] Example glazing unit: HS laminated triple glazed unit  
- 6mm HST toughened soft coat low-E outer pane  
- 14mm argon-filled cavity, black warm edge spacer  
- 6mm HST toughened soft coat low-E mid pane  
- 14mm argon-filled cavity, black warm edge spacer  
- 11.5mm HS-laminated inner pane

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**Supplier to deburr & remove sharp corners**

Rev	Revision Description	Drawn/ Date	Product: 201 - GV Standard Pitchglaze MkII Description: Pitchglaze Components	Checked By: HL
-	INITIAL ISSUE	JSL 24/01/2018	<b>Materials:</b> - <b>Finish:</b> - <b>Weight:</b> N/A <b>Quantity:</b> - <b>Scale:</b> NTS	<b>Check Date:</b> 24/01/2018
			<b>Drawn By:</b> JSL <b>Drawn Date:</b> 24/01/2018 <b>Drawing No:</b> 201-ASS-105	