

L Series details



This document is intended for use by suitably qualified professionals in the construction industry like architects, designers and specifiers who want to apply the Cassette Cladding system as part of their buildings exterior facade.

The following Cassette Cladding documents must be read with this document to provide context:

- Cassette Cladding Brochure
- L Series Design Guide
- L Series Installation Guide

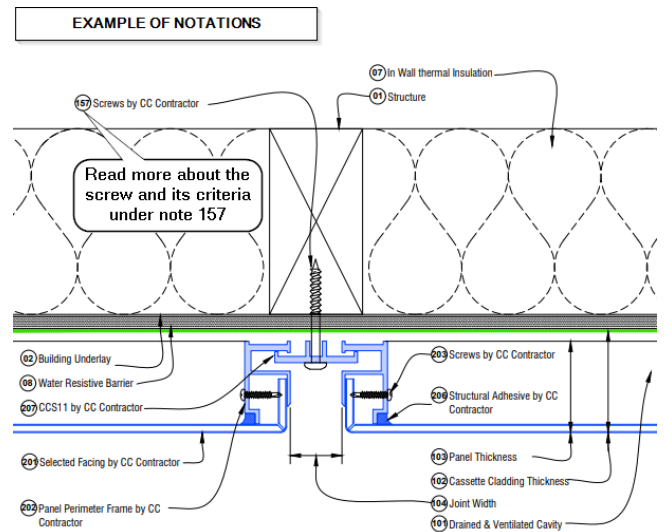
The details have a limited amount of information on them. Refer to the annotation section following the details to obtain further clarification on requirements and component limitations shown on these details.

The purpose of these notations are to elaborate on the details depicting the Cassette Cladding, given that there is limited space on the detail pages itself (eg. how architectural drawings will be supplemented with a specification).

Each notation may be affected by other nations in this document. The entire document should therefore be considered when reading a specific notation.

- 00 to 99 > Unrelated to Cassette Cladding but affects Cassette Cladding
- 100 – 199 > Cassette Cladding First Fix components
- 200 – 299 > Cassette Cladding Second Fix panel components

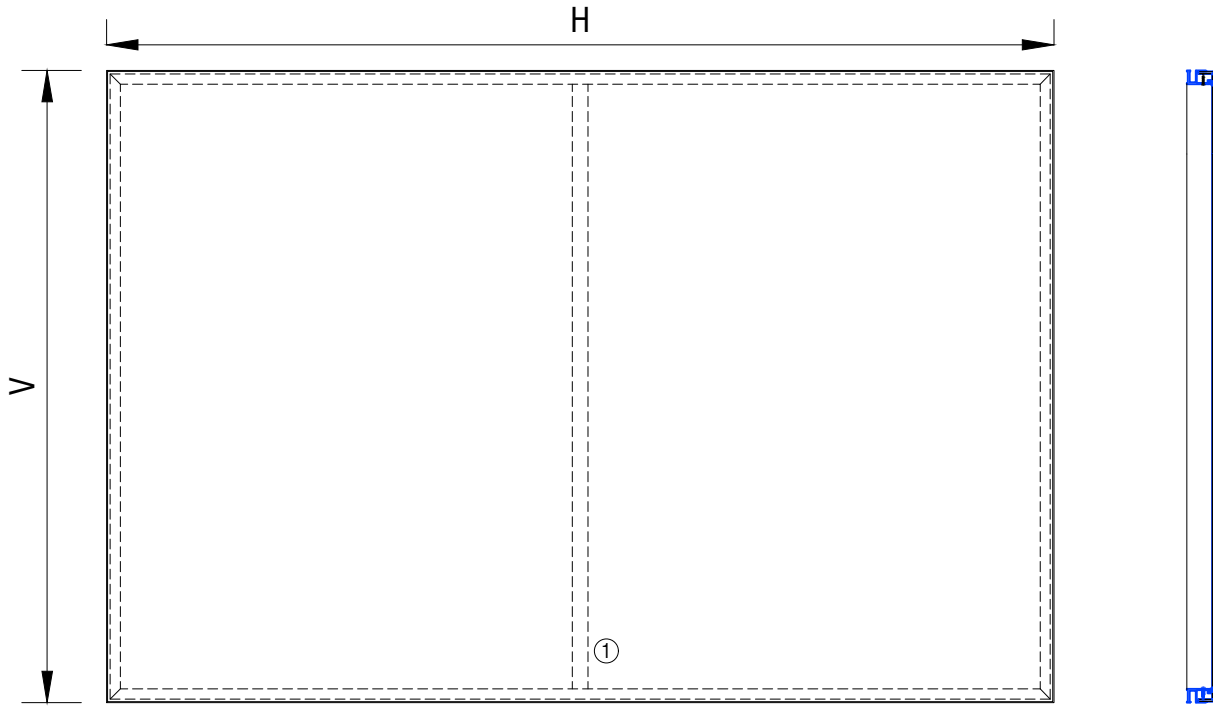
Approved alternative means approved by a suitable group of professionals not limited to product supplier, fire engineer, structural engineer, façade engineer, architect, and ultimately territorial authority.



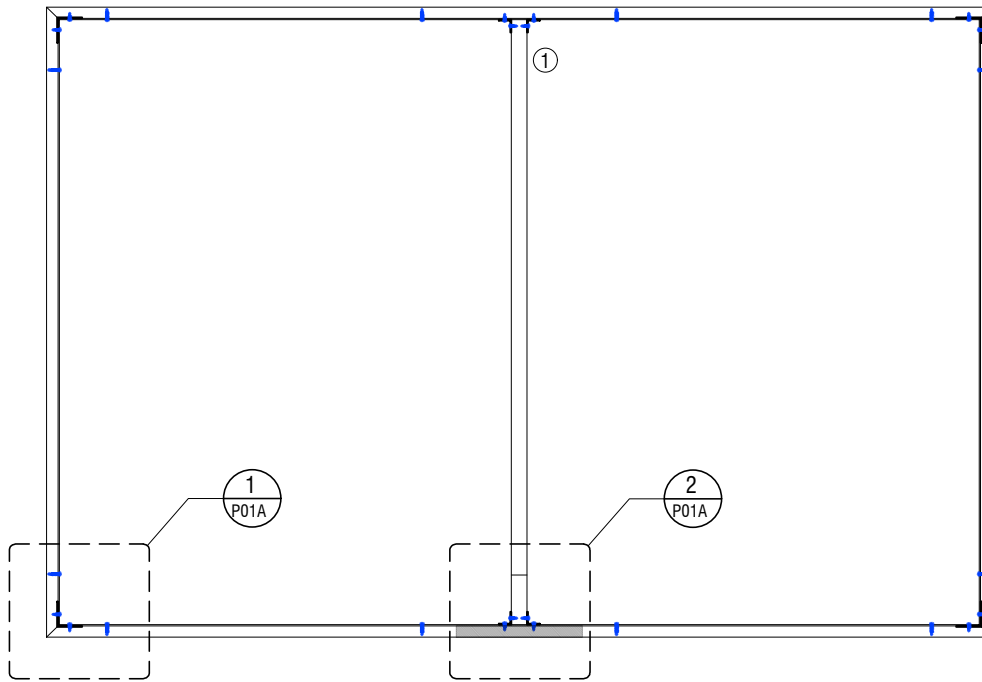
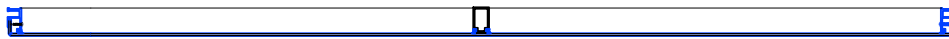
These clarifications must not be relied upon as project specific design information. Where comments are made in relation to other components, like the timber structure that is not forming part of the Cassette Cladding contractors scope, the comments are additional to and not in substitution of NZBC compliance requirements.

All fasteners must be embedded in suitable structure – regardless if the detail drawings clearly show it.

DRAWINGS OF PANEL TYPES AND OPTIONS



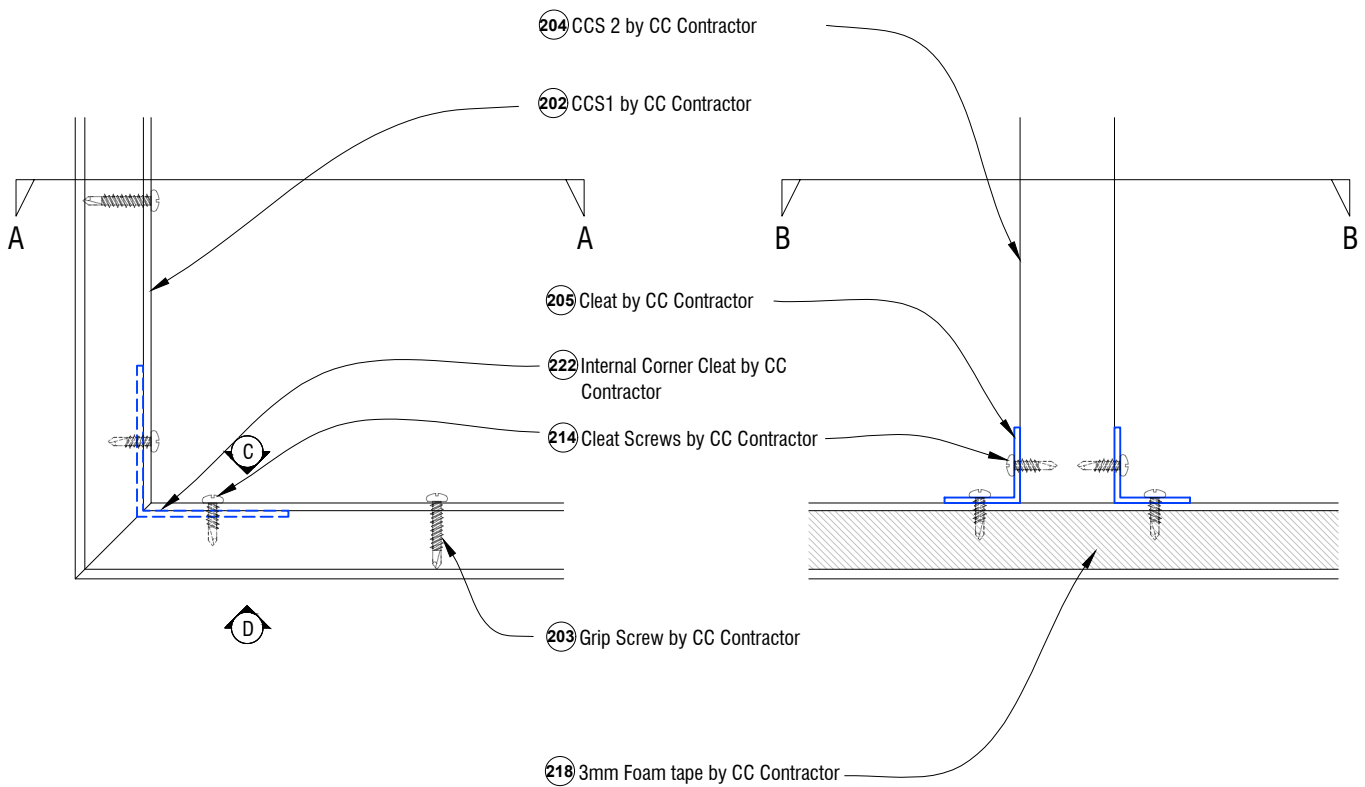
TYPICAL PANEL FRONT VIEW



TYPICAL PANEL BACK VIEW

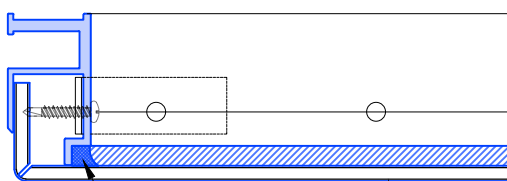
① NUMBER OF CCS2 STIFFENING BARS DETERMINED BY LEVEL OF DEFLECTION PERMITTED

	DRAWING TITLE	NOTES:	DRAWING STATUS		
	CCS1 FACING PANEL	THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☒ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	ARCHITECTURAL RESOURCE	SHEET NO. P01	ISSUE A
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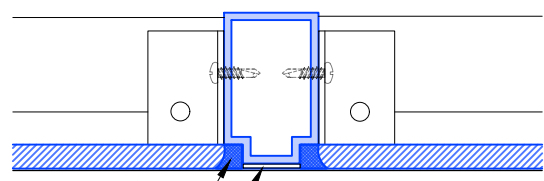


1 EXTERNAL CORNER CONNECTION

2 STIFFENER CONNECTION



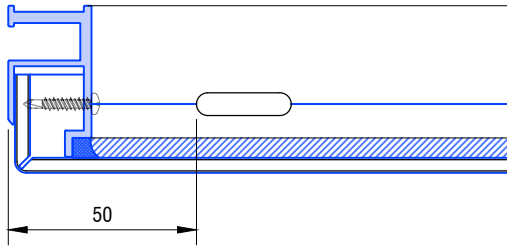
SECTION A-A



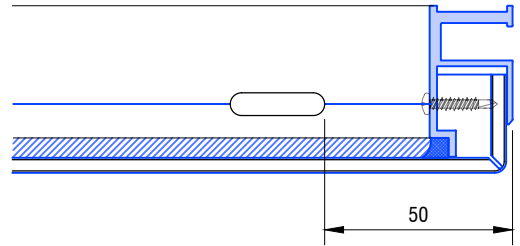
SECTION B-B

- 201 Selected Facing by CC Contractor
- 206 Structural Adhesive by CC Contractor
- 219 VHB double sided tape by CC Contractor

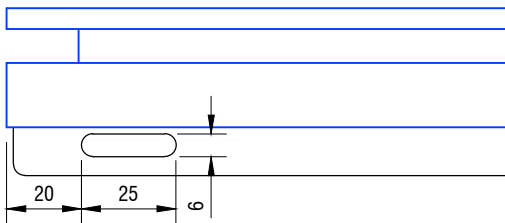
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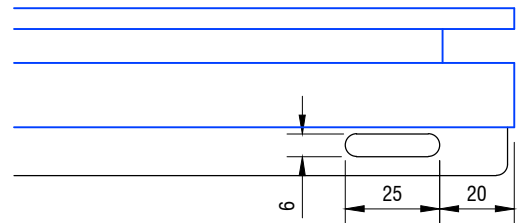
LEFT SECTION VIEW VENTILATION HOLE



RIGHT SECTION VIEW VENTILATION HOLE



LEFT BOTTOM VIEW DRAINAGE SLOT



RIGHT BOTTOM VIEW DRAINAGE SLOT

	DRAWING TITLE	NOTES:	DRAWING STATUS	
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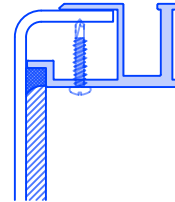
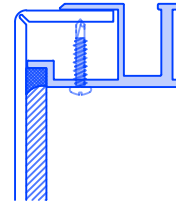
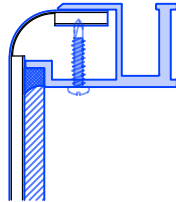
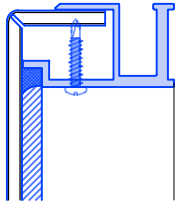
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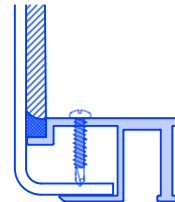
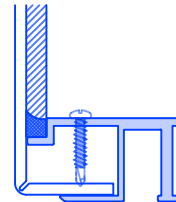
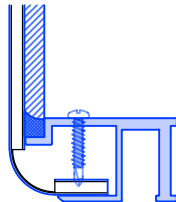
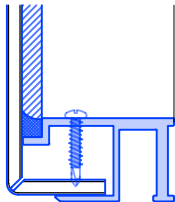
OPTION 2

OPTION 3

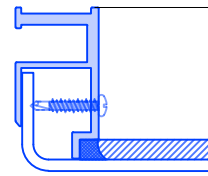
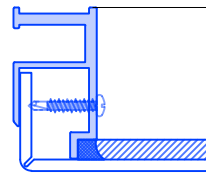
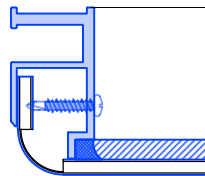
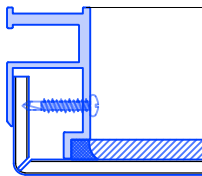
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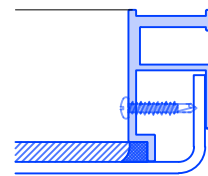
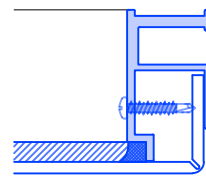
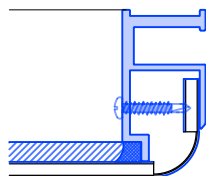
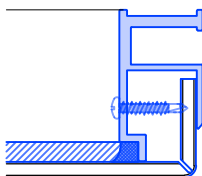
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BOTTOM

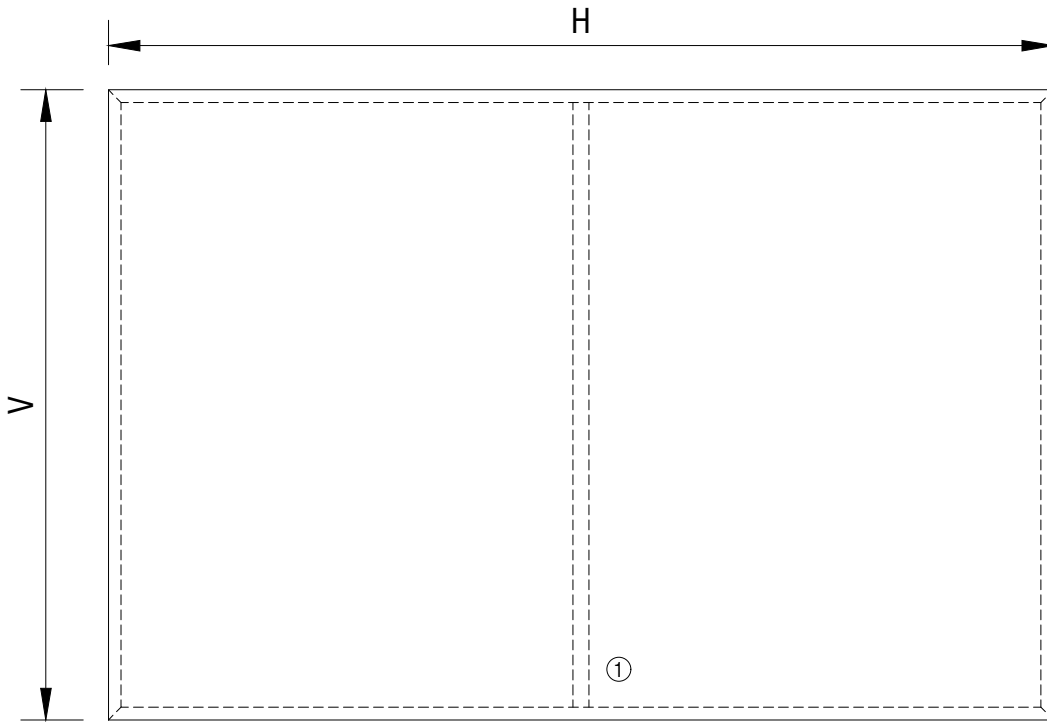


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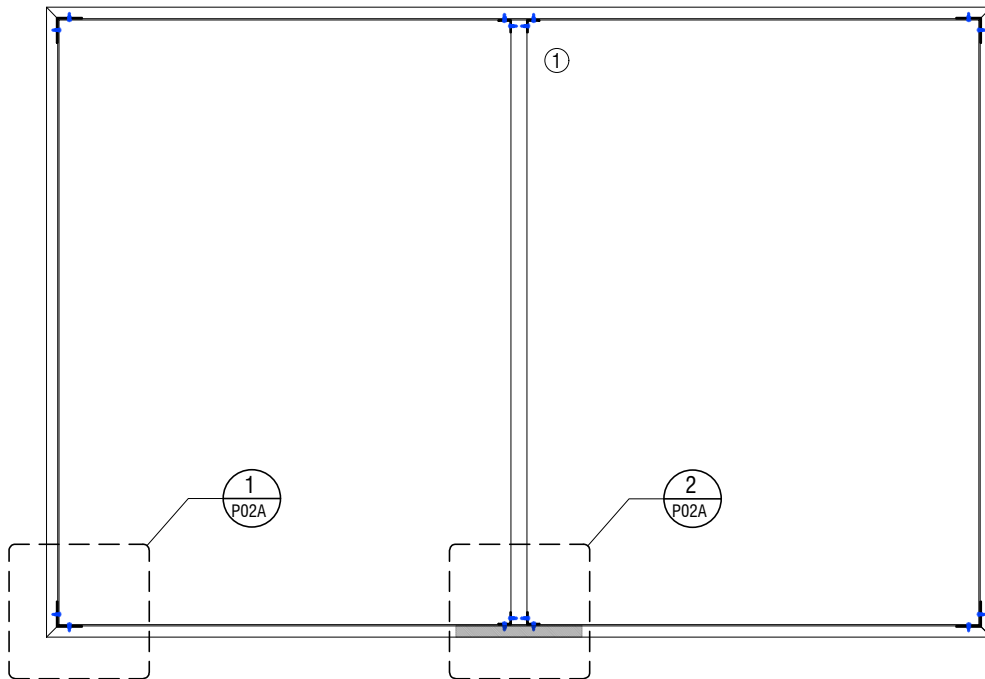
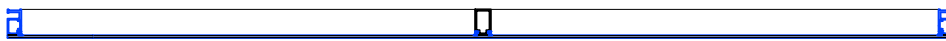


RIGHT

	<p>DRAWING TITLE</p> <p>EDGE SHAPE OF FACING PANELS (CCS1/ITEM 202)</p>	<p>NOTES:</p> <p>THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.</p>	<p>DRAWING STATUS</p> <p>ARCHITECTURAL RESOURCE</p>	<p>SHEET NO.</p> <p>P01C</p>	<p>ISSUE</p> <p>A</p>
	<p>DRAWN BY: JC</p>		<p>SCALE: 1:2</p>	<p>DATE: SEPTEMBER 2019</p>	



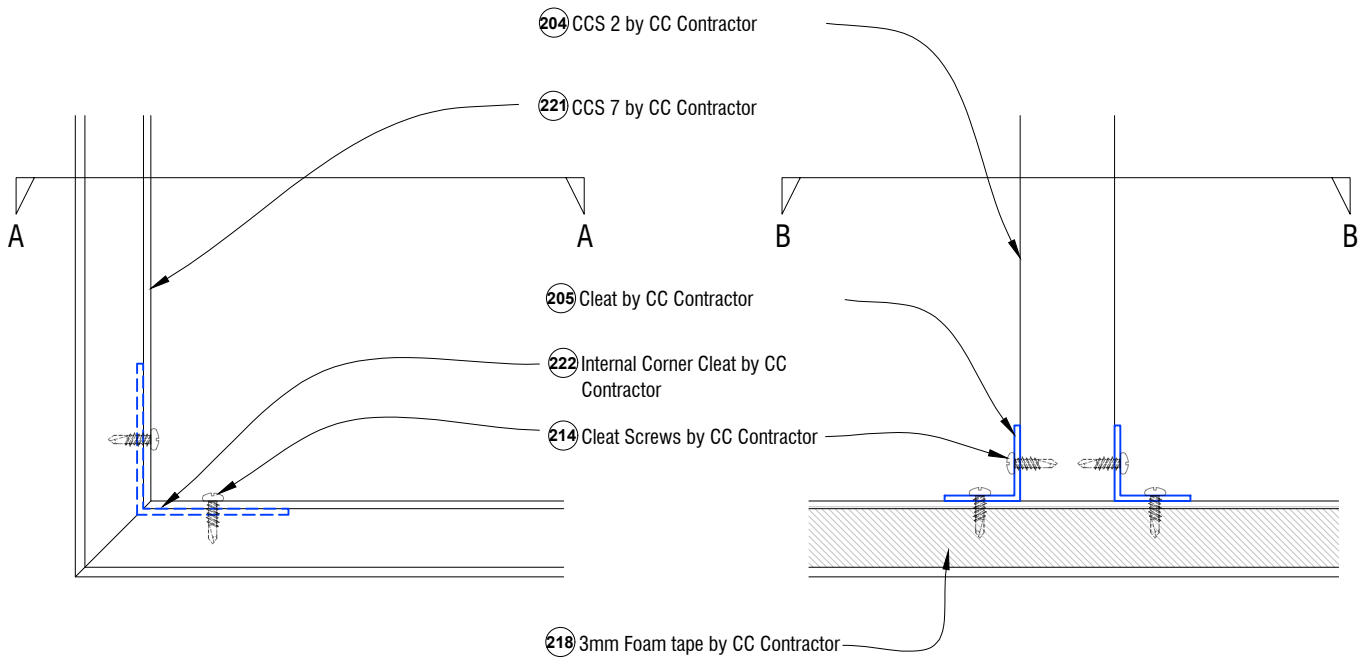
TYPICAL PANEL FRONT VIEW



TYPICAL PANEL BACK VIEW

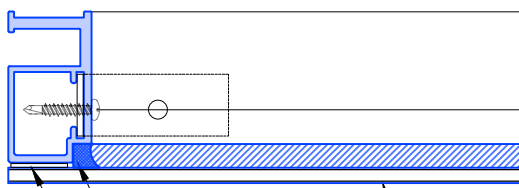
① NUMBER OF CCS2 STIFFENING BARS DETERMINED BY LEVEL OF DEFLECTION PERMITTED

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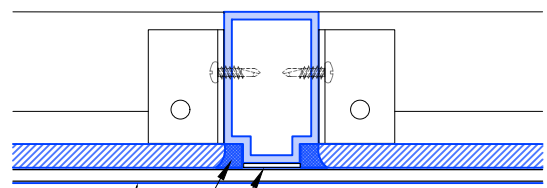


1 EXTERNAL CORNER CONNECTION

2 STIFFENER CONNECTION



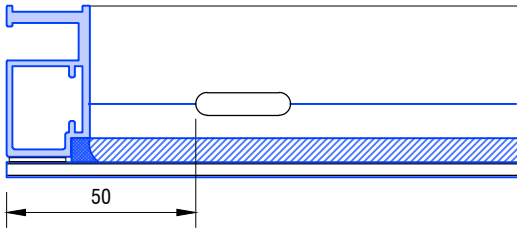
SECTION A-A



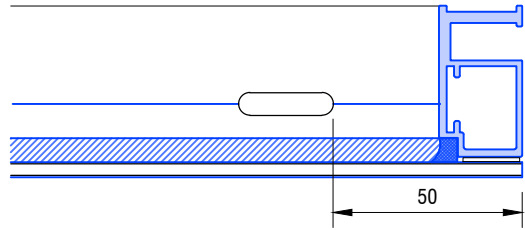
SECTION B-B

- 201 Selected Facing by CC Contractor
- 206 Structural Adhesive by CC Contractor
- 219 VHB double sided tape by CC Contractor

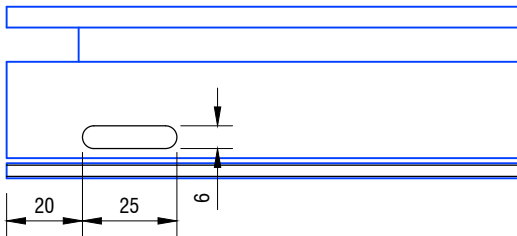
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			ISSUE A	
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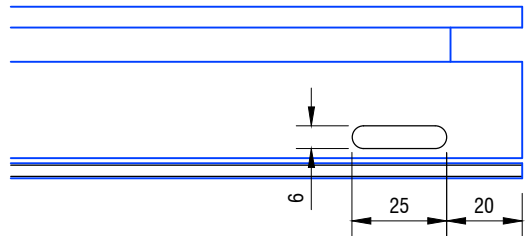
LEFT SECTION VIEW VENTILATION HOLE




RIGHT SECTION VIEW VENTILATION HOLE



LEFT BOTTOM VIEW DRAINAGE SLOT



RIGHT BOTTOM VIEW DRAINAGE SLOT

	DRAWING TITLE	NOTES:	DRAWING STATUS	
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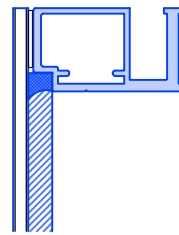
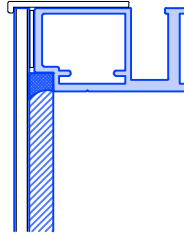
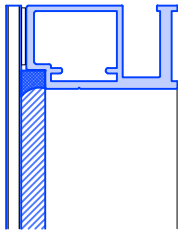
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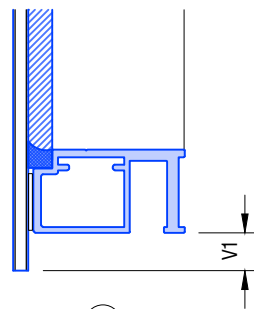
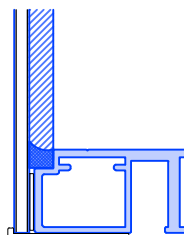
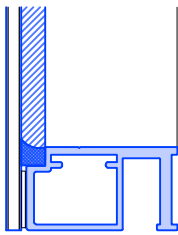
OPTION 2

OPTION 3

TOP



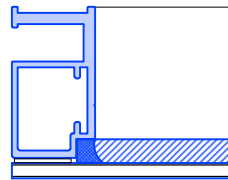
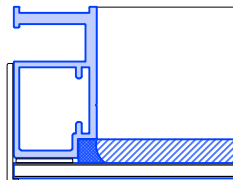
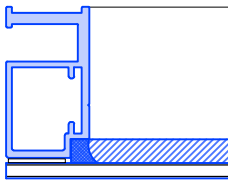
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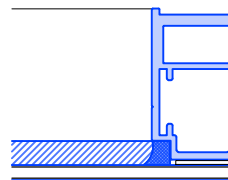
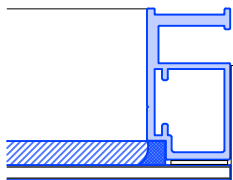
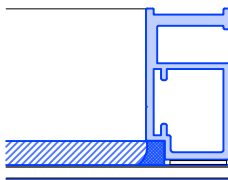
⊛

⊛

LEFT



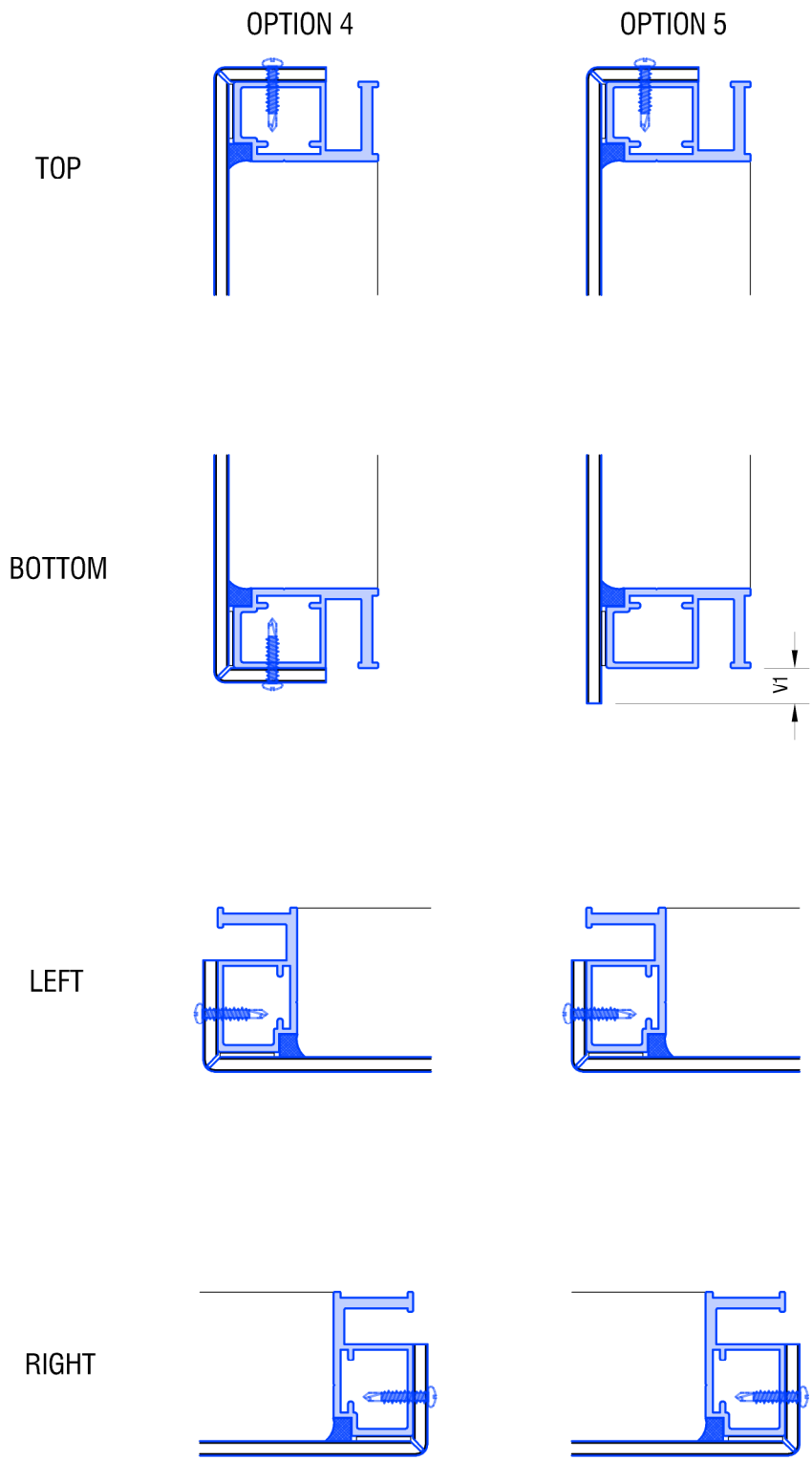
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⊛ CAN NOT BE USED WITH CCS9 SUPPORT RAIL

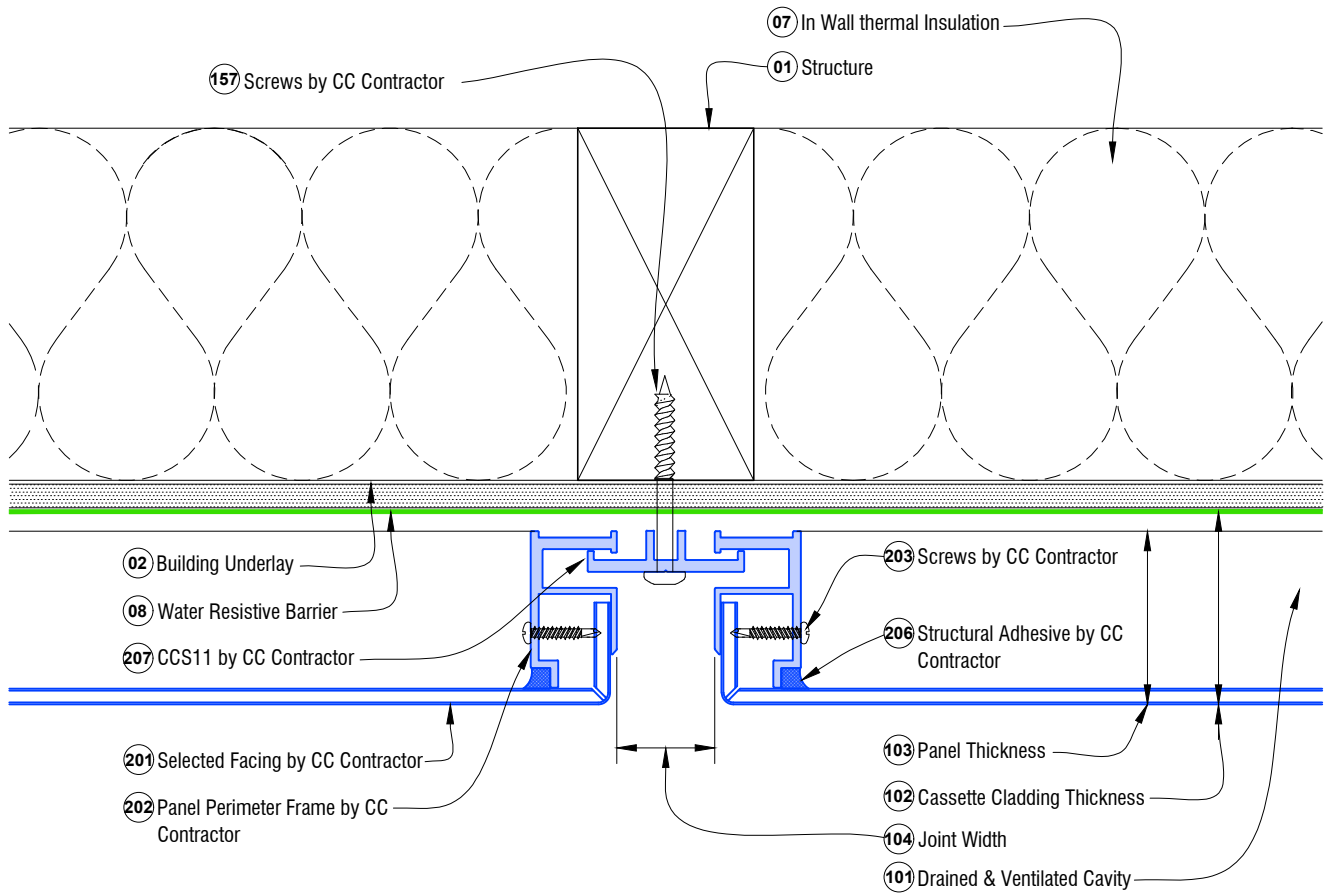
	DRAWING TITLE	NOTES:	DRAWING STATUS		
	EDGE SHAPE OF FACING PANELS (CCS7/ITEM 221)	THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ⊛ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	ARCHITECTURAL RESOURCE	SHEET NO. P02C	ISSUE A
			DRAWN BY: JC	SCALE: 1:2	DATE: SEPTEMBER 2019

FOLDABLE FACING SHEET

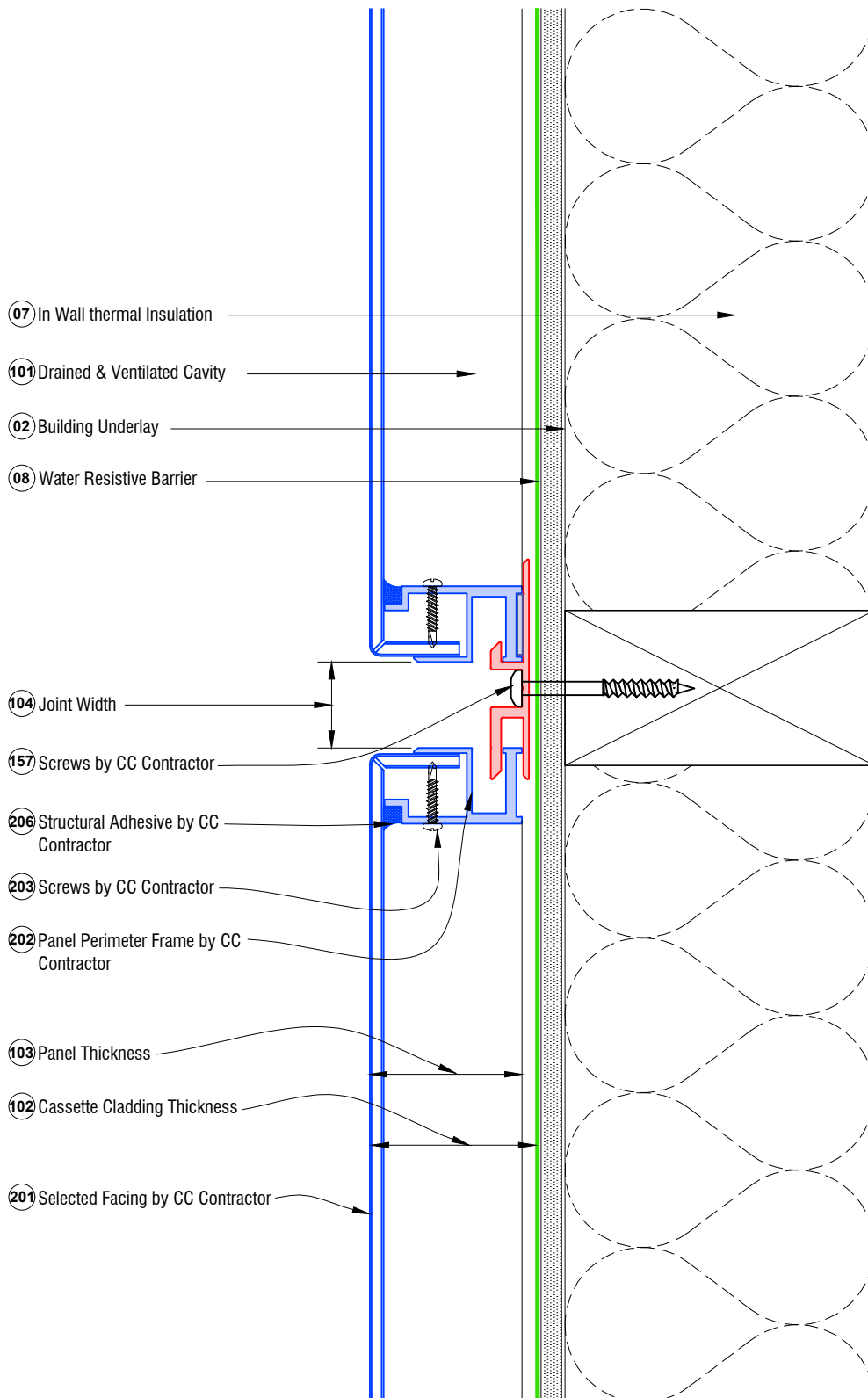


	<p>DRAWING TITLE</p> <p>EDGE SHAPE OF FACING PANELS (CCS7/ITEM 221)</p>	<p>NOTES:</p> <p>THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE KANEBA CCS MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ WE USE TO FURTHER CLARIFY DRAWING ANNOTATIONS.</p>	<p>DRAWING STATUS</p> <p>ARCHITECTURAL RESOURCE</p>	
			<p>SHEET NO.</p> <p>P02C</p>	<p>ISSUE</p> <p>A</p>
	<p>DRAWN BY: JC</p>	<p>SCALE: 1:2</p>	<p>DATE: MARCH 2019</p>	

L-SERIES DETAILS



	DRAWING TITLE VERTICAL JOINT DETAIL	NOTES: THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	DRAWING STATUS ARCHITECTURAL RESOURCE	SHEET NO. L01	ISSUE A
	DRAWN BY: AP	SCALE: 1:2	DATE: SEPTEMBER 2021		
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07 In Wall thermal Insulation

101 Drained & Ventilated Cavity

02 Building Underlay

08 Water Resistive Barrier

104 Joint Width

157 Screws by CC Contractor

206 Structural Adhesive by CC Contractor

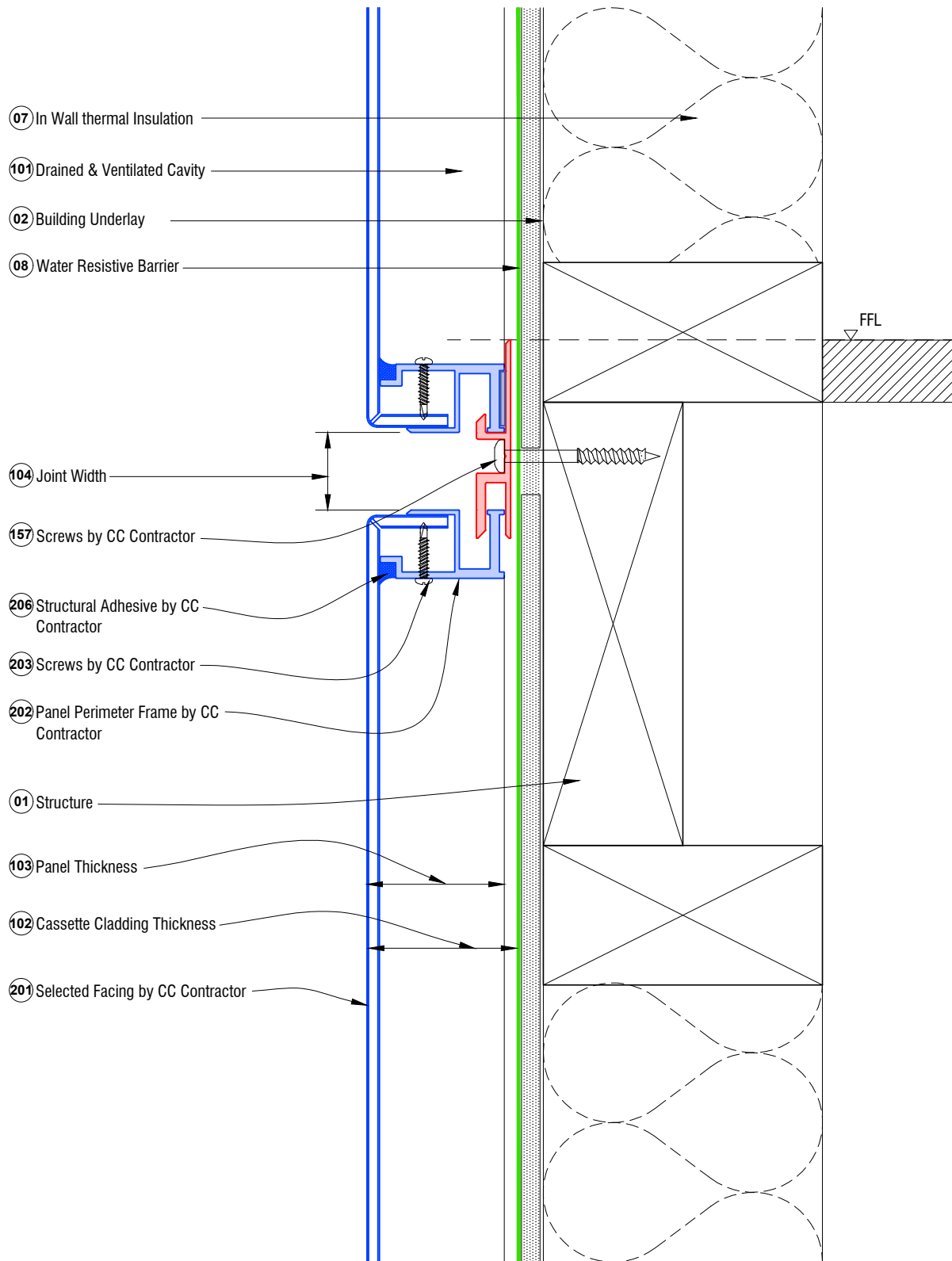
203 Screws by CC Contractor

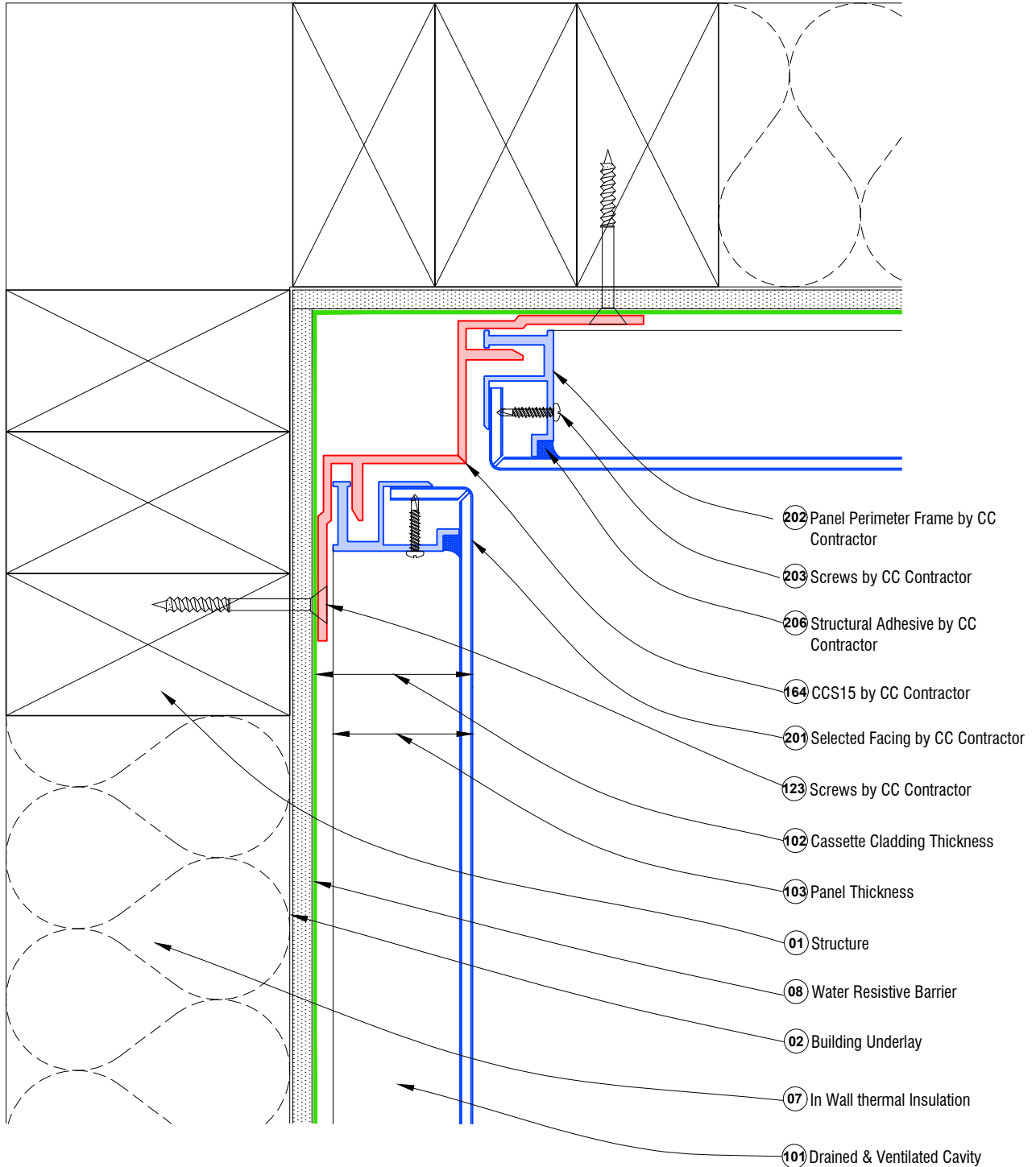
202 Panel Perimeter Frame by CC Contractor

103 Panel Thickness

102 Cassette Cladding Thickness

201 Selected Facing by CC Contractor

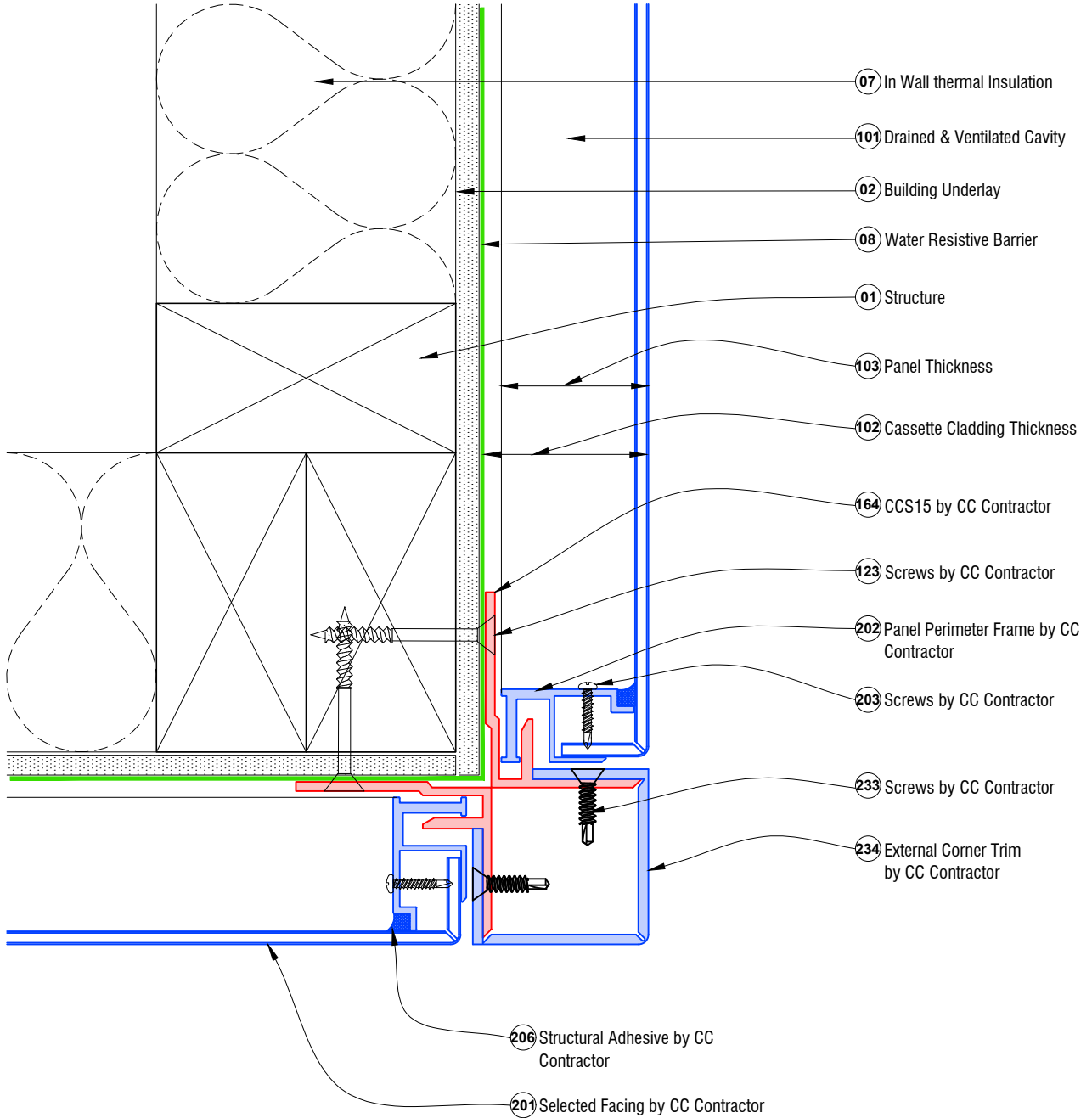




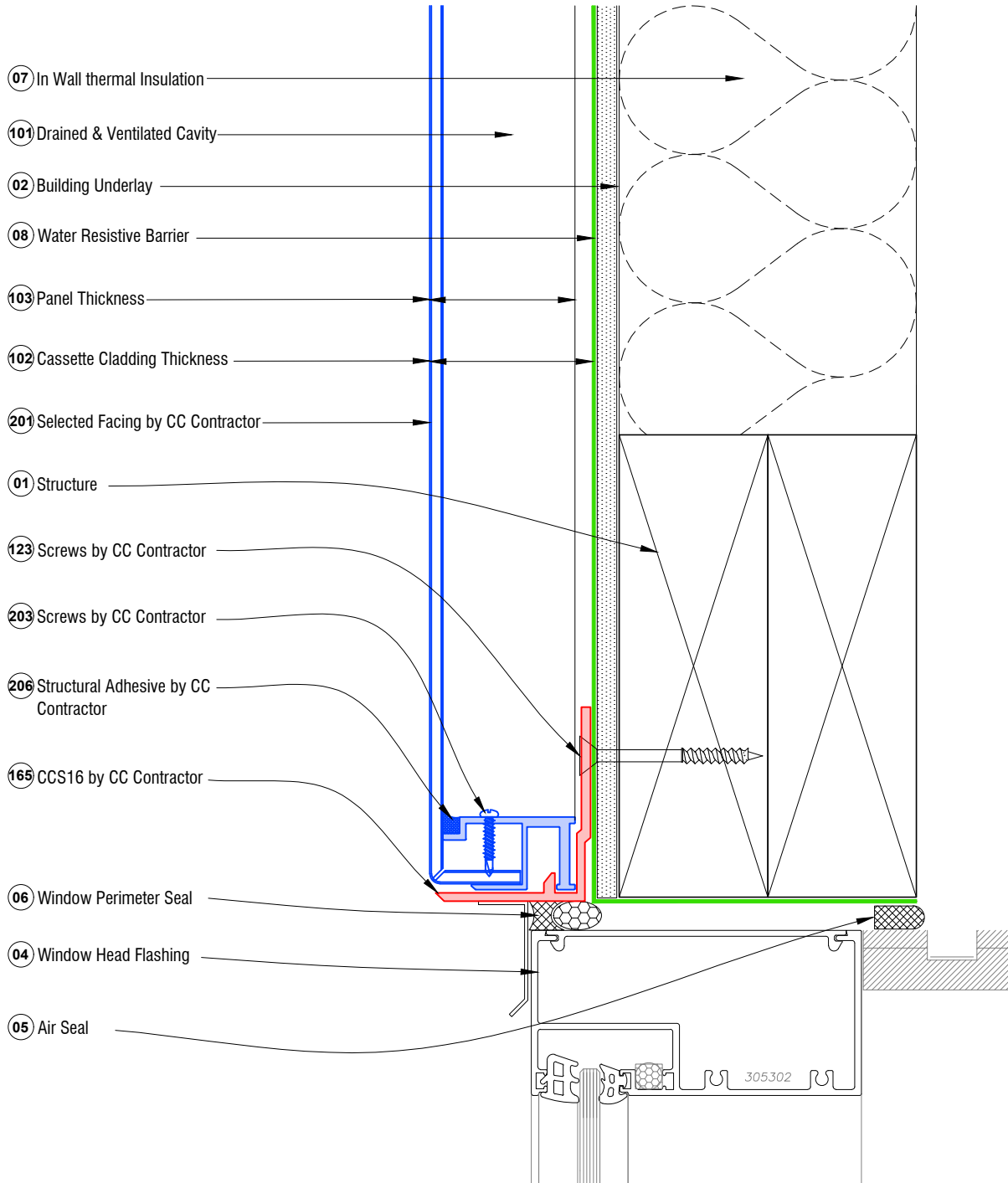
DRAWING TITLE
INTERNAL CORNER DETAIL

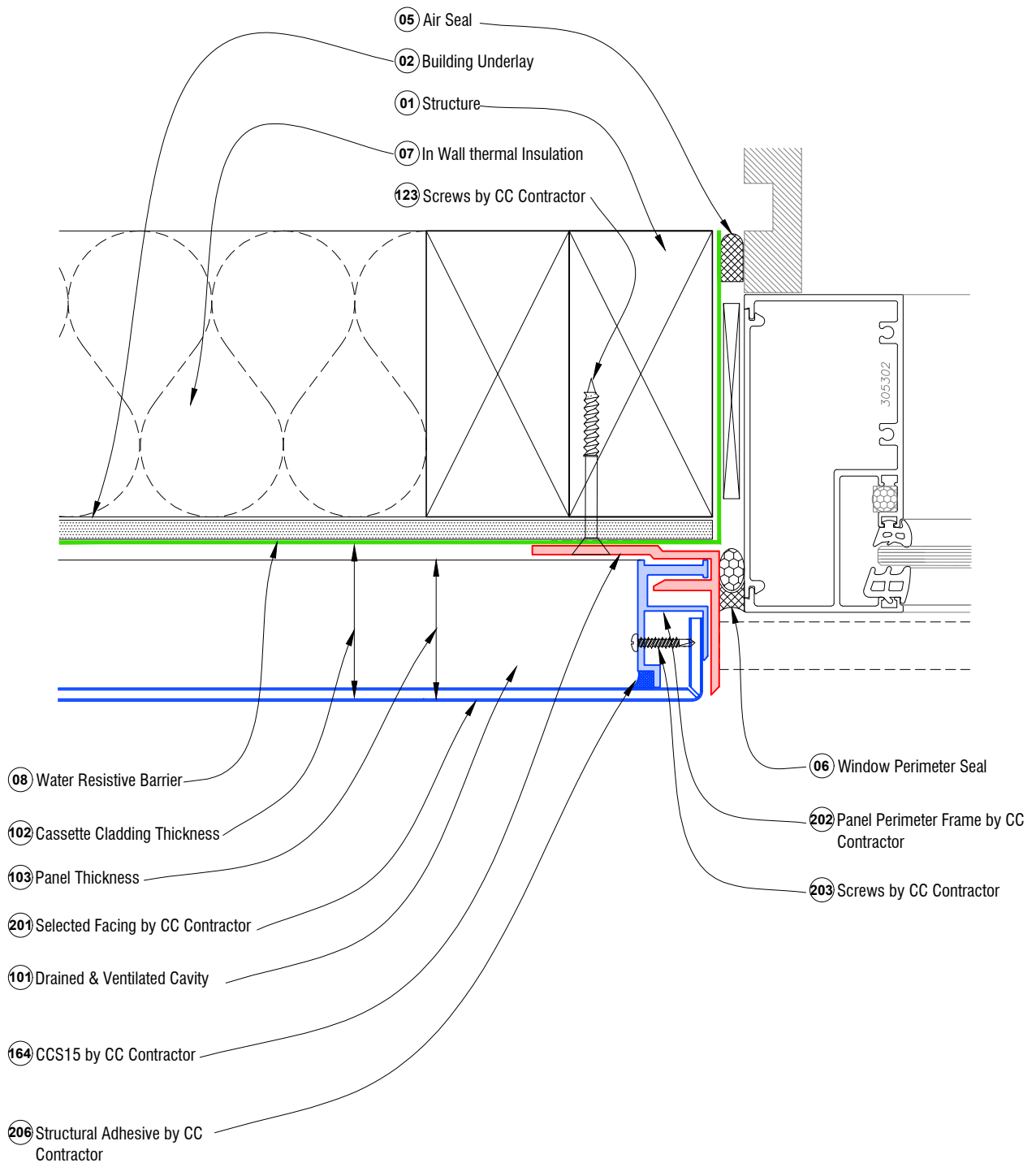
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THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.

DRAWING STATUS			<small>SHEET NO.</small>	<small>ISSUE</small>
ARCHITECTURAL RESOURCE			L03	A
<small>DRAWN BY:</small> AP	<small>SCALE:</small> 1:2	<small>DATE:</small> SEPTEMBER 2021		

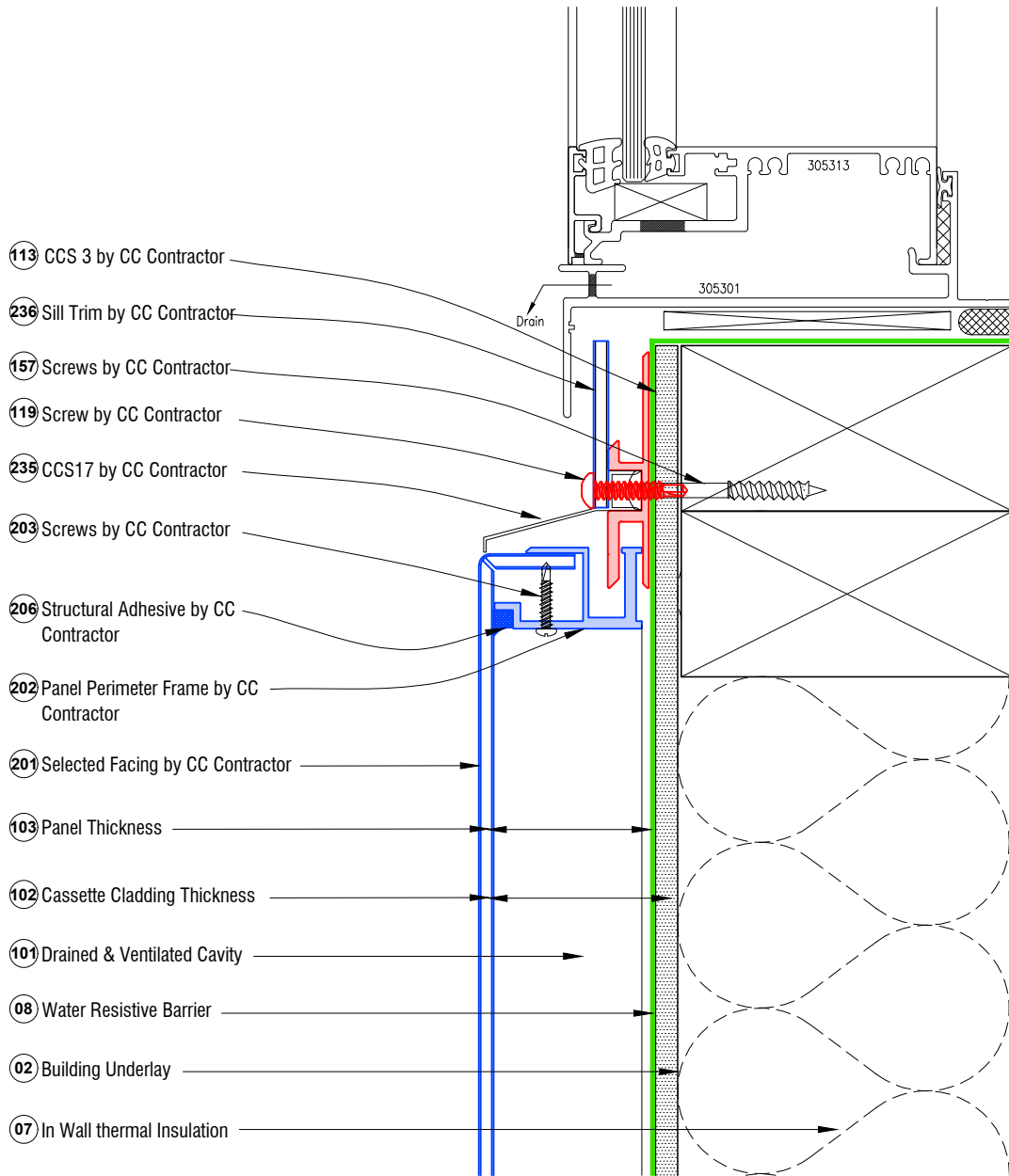


	DRAWING TITLE	NOTES:	DRAWING STATUS		
	EXTERNAL CORNER DETAIL	THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	ARCHITECTURAL RESOURCE	SHEET NO. L04	ISSUE A
			DRAWN BY: AP	SCALE: 1:2	DATE: SEPTEMBER 2021



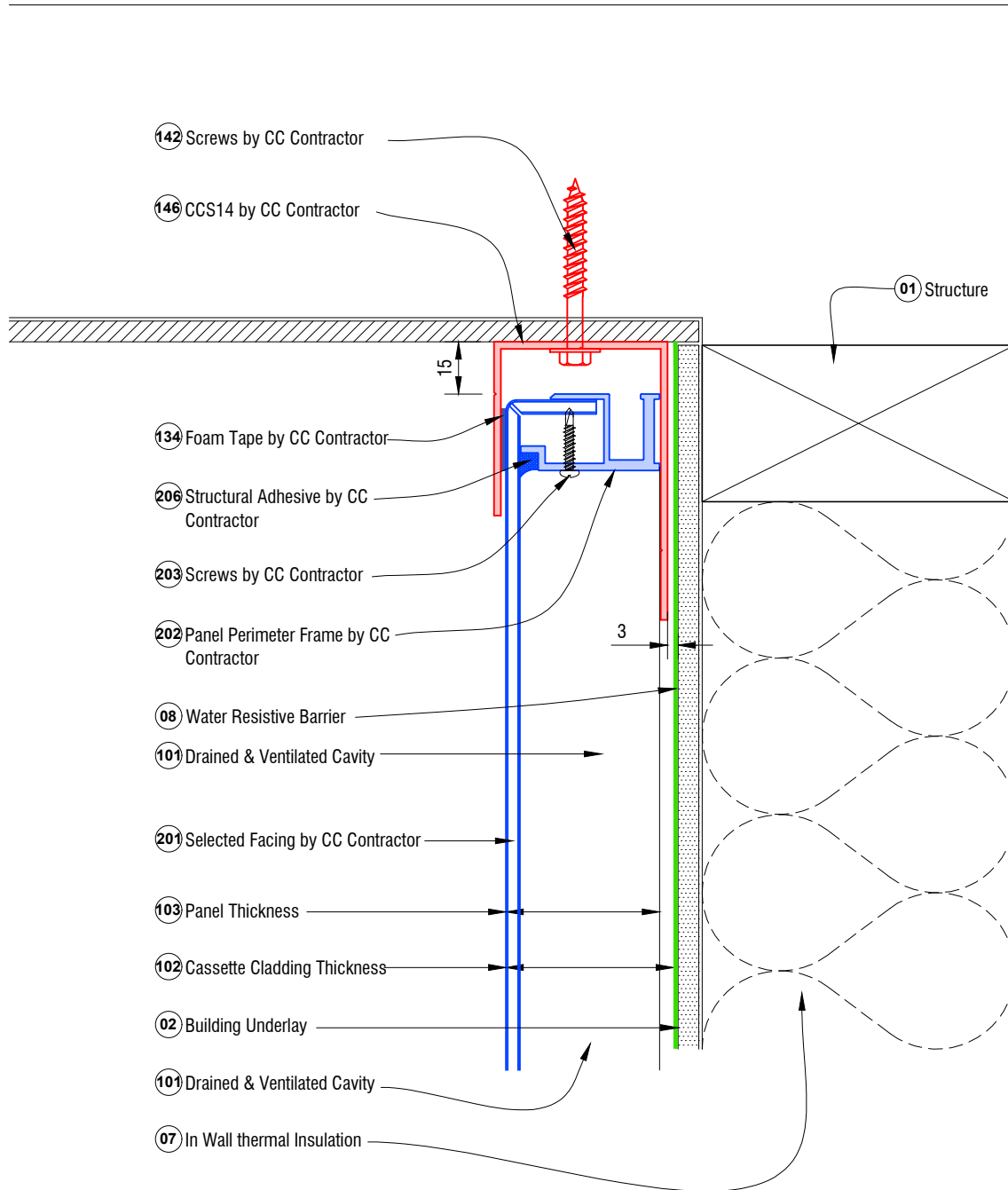


	DRAWING TITLE COMMERCIAL WINDOW JAMB DETAIL	NOTES: THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	DRAWING STATUS ARCHITECTURAL RESOURCE		
			SHEET NO. L06	ISSUE A	
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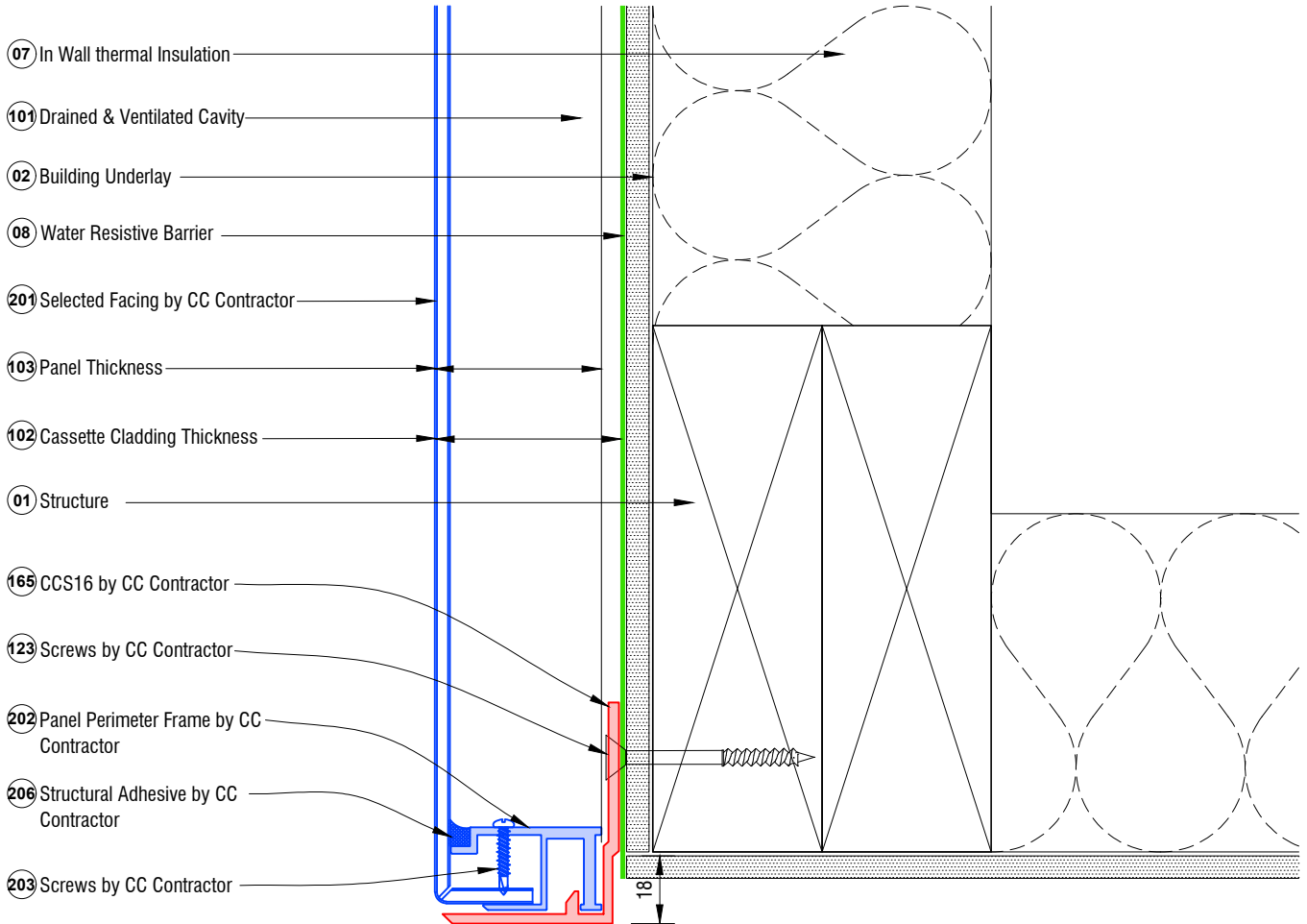


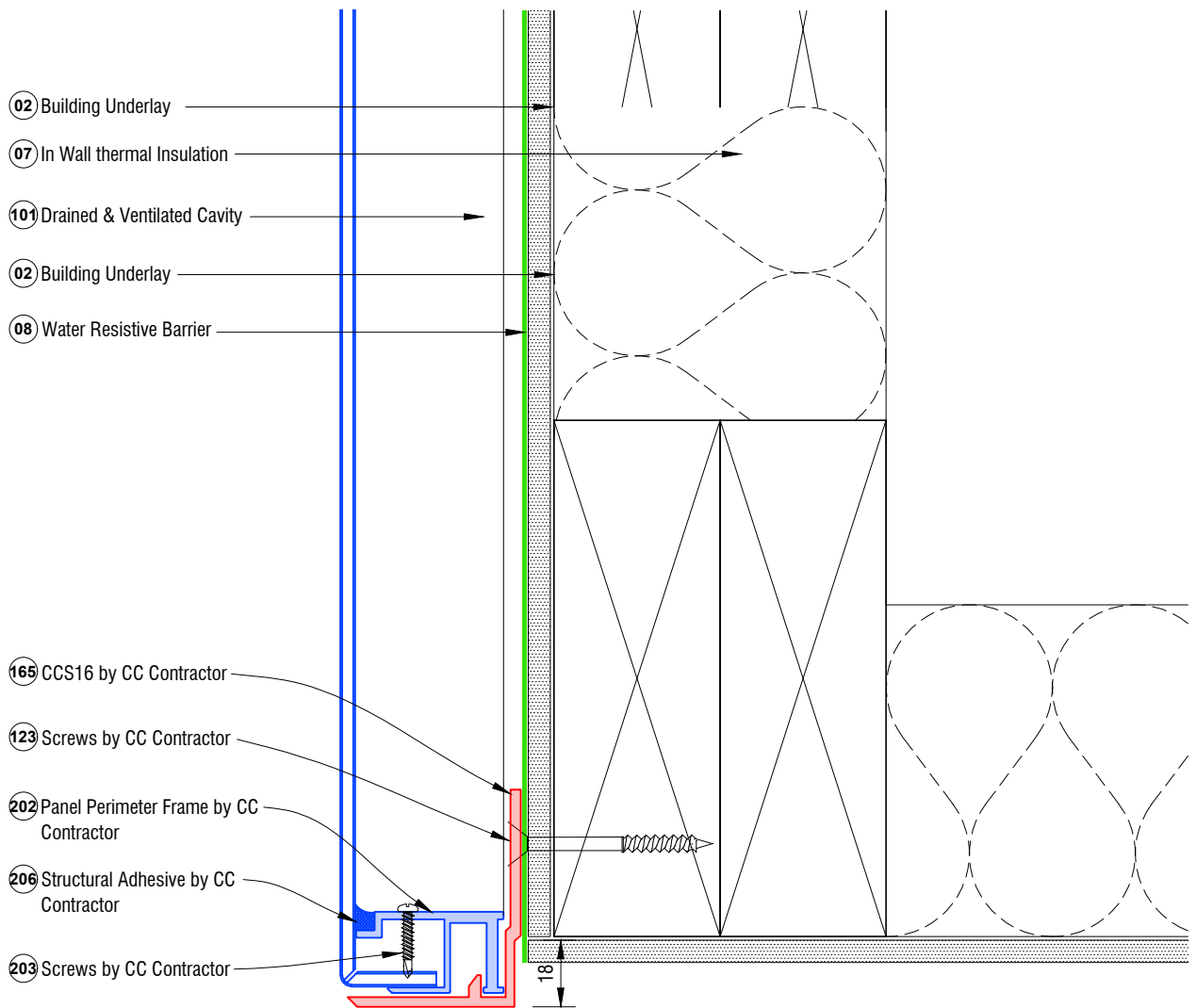
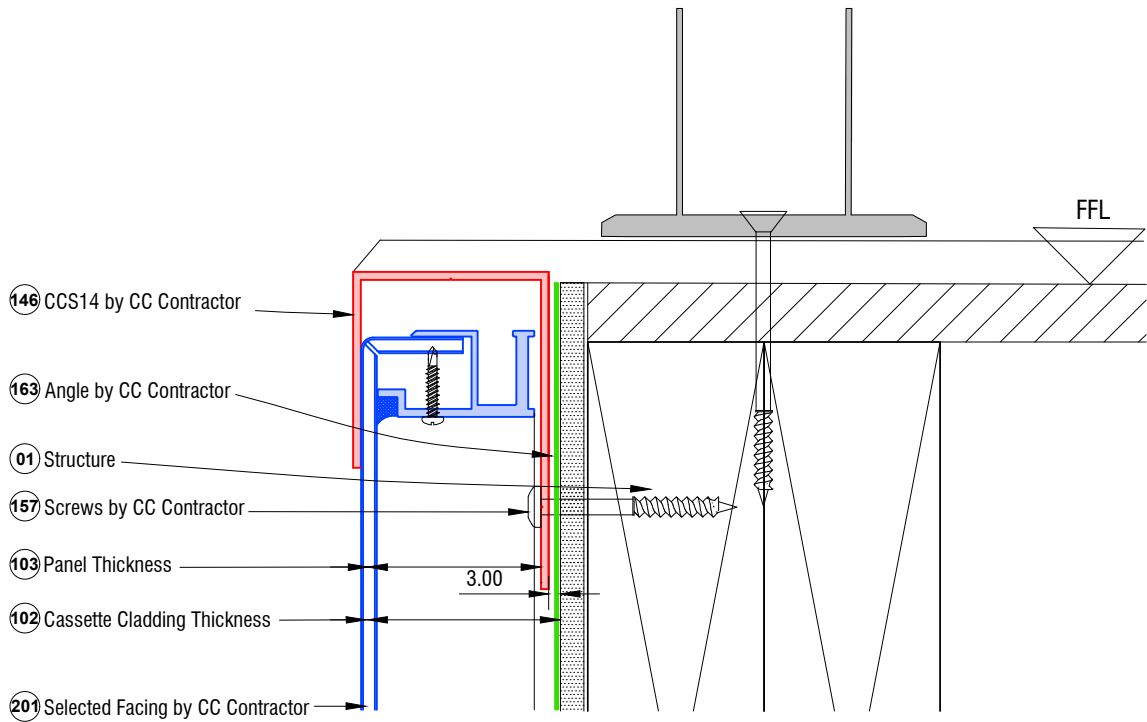
- ①13 CCS 3 by CC Contractor
- ②36 Sill Trim by CC Contractor
- ①57 Screws by CC Contractor
- ①19 Screw by CC Contractor
- ②35 CCS17 by CC Contractor
- ②03 Screws by CC Contractor
- ②06 Structural Adhesive by CC Contractor
- ②02 Panel Perimeter Frame by CC Contractor
- ②01 Selected Facing by CC Contractor
- ①03 Panel Thickness
- ①02 Cassette Cladding Thickness
- ①01 Drained & Ventilated Cavity
- ①08 Water Resistive Barrier
- ①02 Building Underlay
- ①07 In Wall thermal Insulation

	DRAWING TITLE	NOTES:	DRAWING STATUS		
	COMMERCIAL WINDOW SILL DETAIL	THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	ARCHITECTURAL RESOURCE	SHEET NO. L07	ISSUE A
			DRAWN BY: AP	SCALE: 1:2	DATE: SEPTEMBER 2021



	DRAWING TITLE WALL OR FASCIA TO SOFFIT DETAIL	NOTES: THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	DRAWING STATUS ARCHITECTURAL RESOURCE	SHEET NO. L09	ISSUE A
	DRAWN BY: AP SCALE: 1:2 DATE: SEPTEMBER 2021				

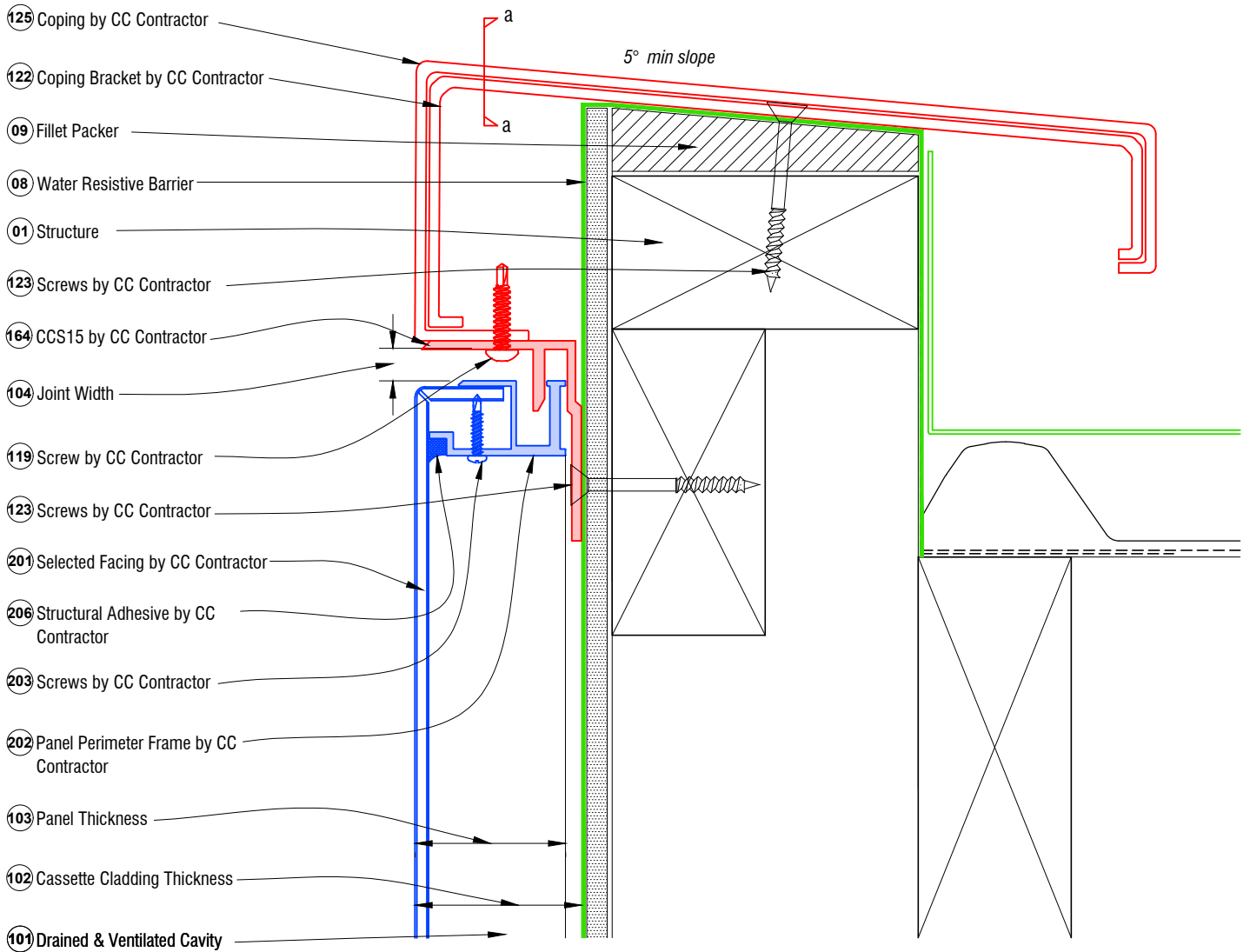




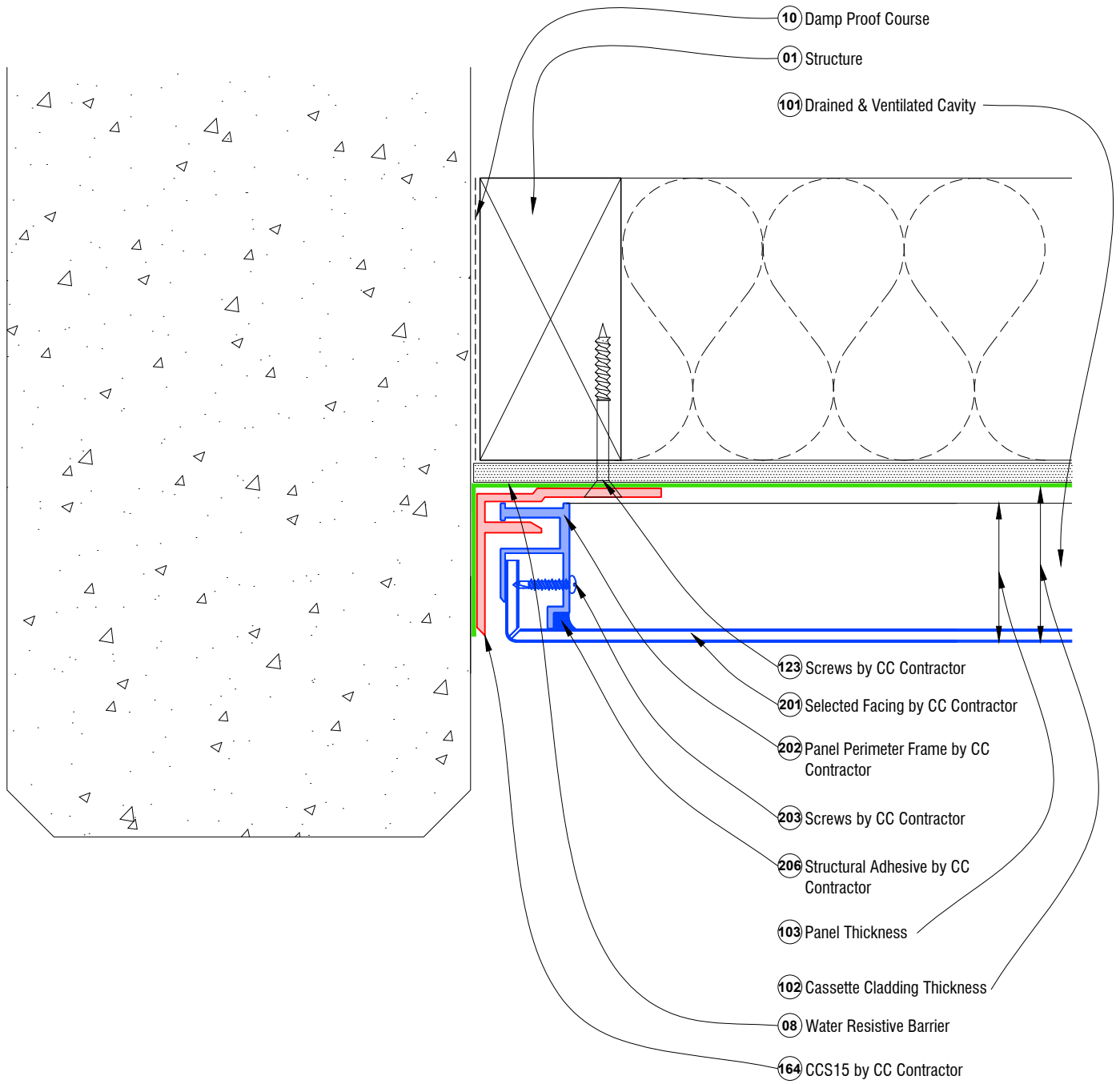
section a-a



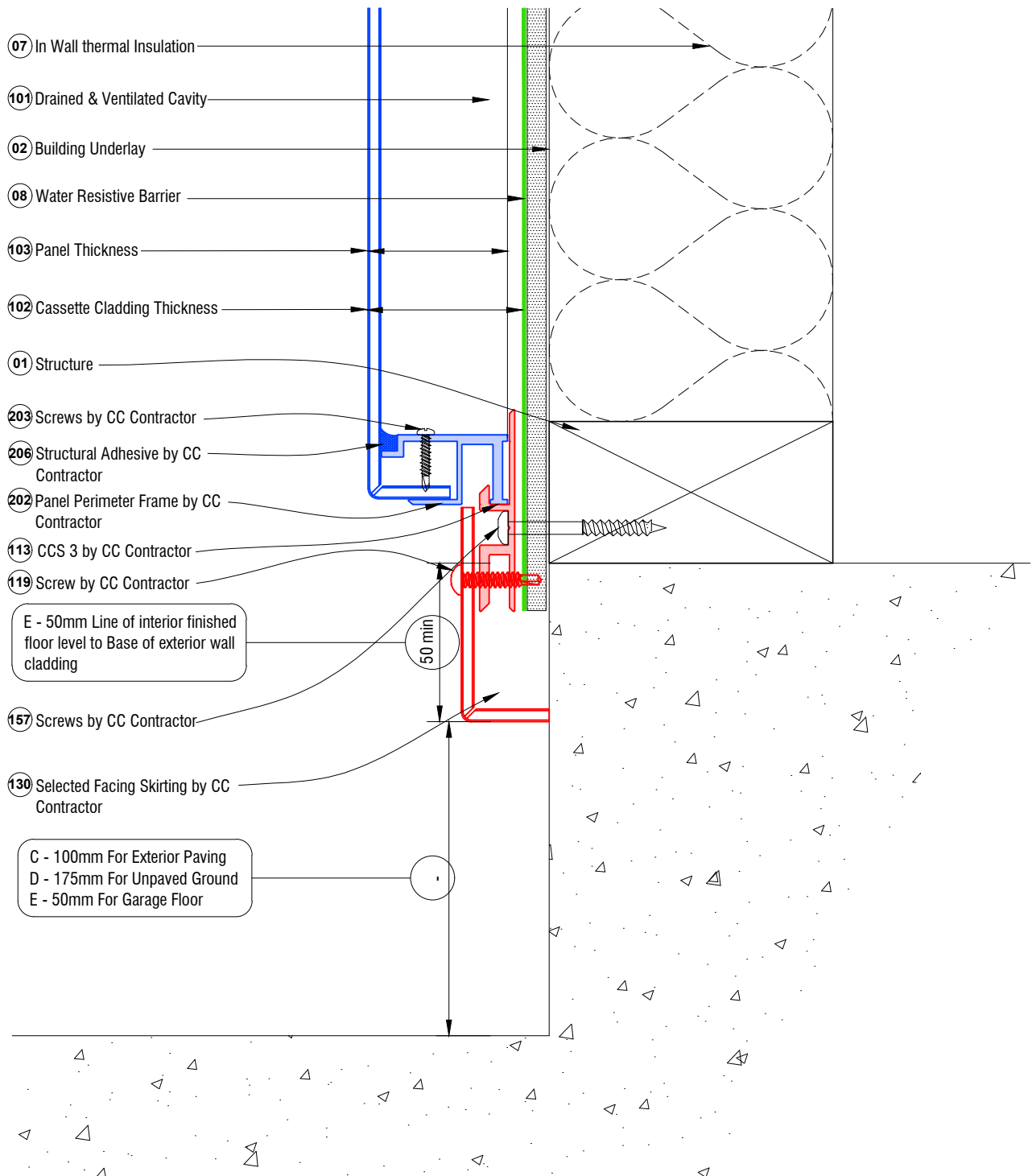
NOTE : THE PURPOSE OF THIS JOINTS ARE TO ACCOMMODATE THERMAL MOVEMENT AND DO NOT NECESSARILY ALIGN WITH ANYTHING



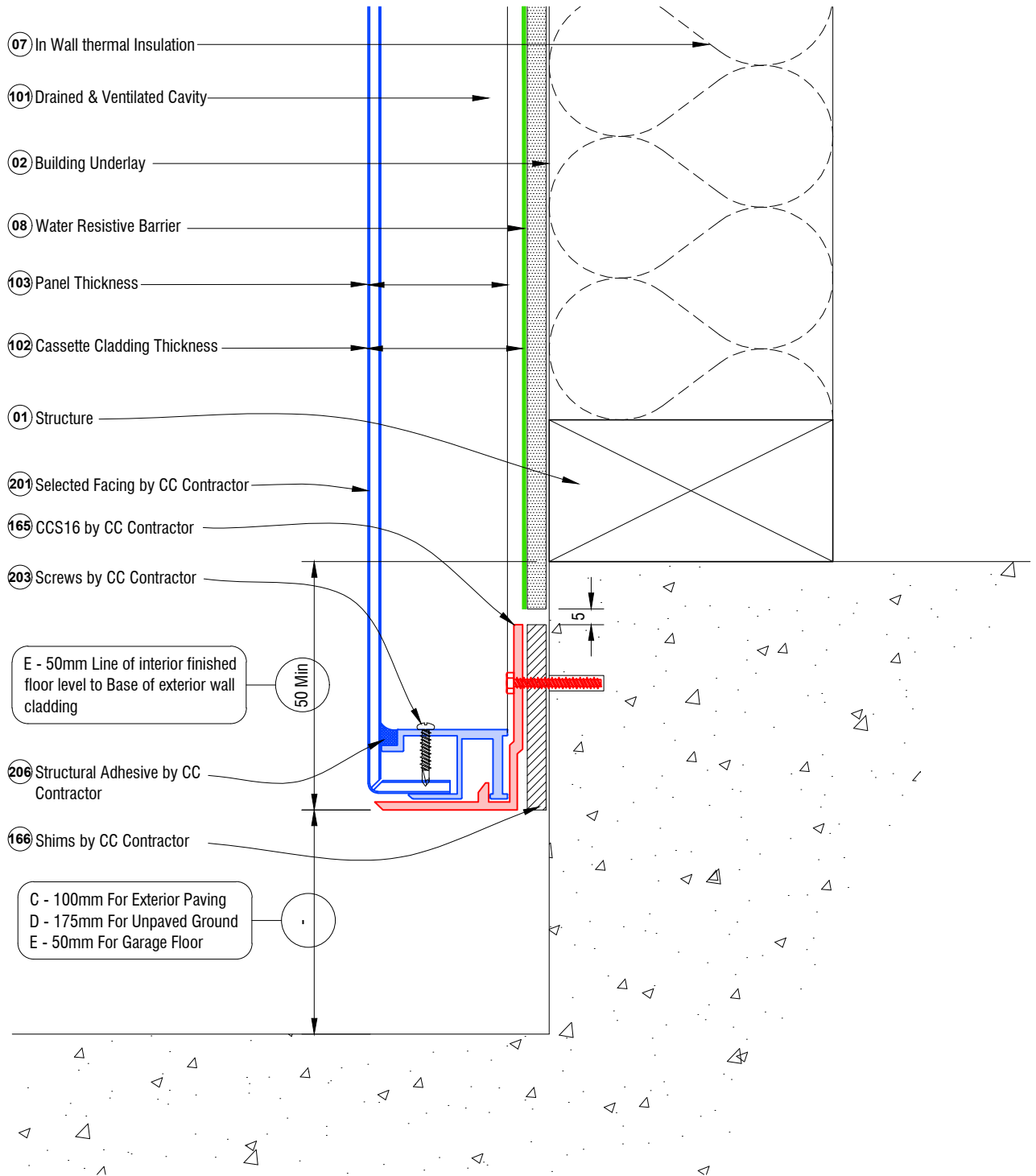
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	FASCIA TERMINATION DETAIL	THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	ARCHITECTURAL RESOURCE	SHEET NO. L12	ISSUE A
			DRAWN BY: AP	SCALE: 1:2	DATE: SEPTEMBER 2021



	DRAWING TITLE WALL OR FASCIA TO PRECAST JUNCTION DETAIL	NOTES: THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	DRAWING STATUS ARCHITECTURAL RESOURCE		SHEET NO. L13	ISSUE A
	DRAWN BY: AP		SCALE: 1:2	DATE: SEPTEMBER 2021		
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	DRAWING TITLE BOTTOM OF WALL DETAIL	NOTES: THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	DRAWING STATUS ARCHITECTURAL RESOURCE		SHEET NO. L14	ISSUE A
	DRAWN BY: AP		SCALE: 1:2	DATE: SEPTEMBER 2021		



	DRAWING TITLE BOTTOM OF WALL DETAIL	NOTES: THIS DRAWING FORMS PART OF AND MUST BE READ WITH THE CASSETTE CLADDING MANUAL, SPECIFICALLY ALSO STUDY THE NOTATIONS ☺ USED TO FURTHER CLARIFY DRAWING ANNOTATIONS.	DRAWING STATUS ARCHITECTURAL RESOURCE	SHEET NO. L14A	ISSUE A
	DRAWN BY: AP		SCALE: 1:2	DATE: SEPTEMBER 2021	
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01 Structure

PURPOSE: Required for transferring the loads (like wind loading) applied to Cassette Cladding to the building.

For carrying the weight of the Cassette Cladding components and keep them stable in relation to each other.

REQUIREMENTS: In addition to any of the requirements for other building work it needs to provide fixing positions for the Cassette Cladding components where they need to transfer weight or obtain support from the structure.

SUITABLE OPTIONS: Suitably engineered timber framing (to NZS3604) with sufficient members to attach the Cassette Cladding components to. Acceptable construction tolerances for Cassette Cladding would be:

- a. Deviation from vertical – 15mm per 2 storey height (5mm per 2.4m)
- b. Deviation from vertical for buildings more than 2 full storeys – 20mm
- c. Relative displacement between loadbearing walls in adjacent storeys intended to be in vertical alignment – 5mm
- d. Deviation from line in plan in any length up to 10m – 5mm
- e. Deviation from line in plan in any length over 10m – 10mm total
- f. Deviation from horizontal in any length up to 10m – 5mm
- g. Deviation from horizontal in any length over 10m – 10mm total
- h. Straightness of corners (where 2 walls meet at right angles) – 2mm in 2.4m in both studs
- i. Other studs (gradual bow) – 6mm in 2.4m
- j. Wall framing at mid-height under 3m long horizontal straight edge – 6mm gradual bow
- k. Wall framing at mid-height under 1.3m long horizontal straight edge – 1.5mm out of line

Alternatives to timber framing could be steel, concrete, brick or concrete block with *approved alternative* fasteners.

02 Building Underlay

PURPOSE: To manage external moisture Cassette Cladding relies on an Air Barrier to limit the flow of air through the Cladding System. The structural calculations of Cassette Cladding are also based on a wall with an air barrier. It also protects (01) against fire.

SUITABLE OPTIONS: Rigid fibre cement sheets (like 6mm James Hardie RAB), Gypsum based sheets (like GIB Weatherline 13mm) or *approved alternative*. It must be suitable for the buildings design criteria to meet regulatory compliance in addition to wind loading and fire protection measures that may apply.

In New Zealand where wind loading exceeds 1.5kPa a rigid backer board is required.

The same tolerances for the 01 Structure would apply here.

03 Flashing

PURPOSE: To manage moisture in the air barrier.

SUITABLE OPTIONS: This flashing may be substituted with metal, flashing tapes, water resistive membranes or even be omitted as determined with suitable testing or where the barrier manufacturer *approves alternatives*.

04 Window Head Flashing

PURPOSE: To divert moisture away from the window frame head.

SUITABLE OPTIONS: Specific flashings may form part of the window suppliers requirements or may be varied by suitable testing like that for Cassette Cladding or as approved by an approved façade engineer.

05 Air Seal

PURPOSE: To avoid or suitably limit air (and accompanying moisture) movement between window / door frames and where they join walls.

SUITABLE OPTIONS: Closed cell foam and sealant are acceptable because it can perform under movement.

06 Window Perimeter Seal

PURPOSE: To avoid or suitably limit air (and accompanying moisture) movement between window / door frames and where they join walls.

SUITABLE OPTIONS: Closed cell foam and sealant are acceptable because it can perform under movement.

07 In wall Thermal Insulation

PURPOSE: To limit thermal transfer through walls.

SUITABLE OPTIONS: Glass wool, rockwool or *approved alternative*.

08 Water Resistive Barrier

PURPOSE: Reduce airflow through the wall and reduces the risk of water penetrating the wall.

SUITABLE OPTIONS: Revealshield SA or *approved alternative*.

09 Fillet Packer

PURPOSE: Forming a stable slope for shedding water.

SUITABLE OPTIONS: Timber that will remain durable if exposed to constant wetting or *approved alternative*.

10 Damp Proof Course

PURPOSE: A barrier to avoid moisture transfer between concrete and framing.

SUITABLE OPTIONS: Polythene or *approved alternative*

11 Sealant

PURPOSE: To avoid moisture transfer between flashing and underlying structure.

SUITABLE OPTIONS: Sika AT Façade or *approved alternative*

12 Saddle Flashing

PURPOSE: To manage moisture out of the wall in the high risk intersect.

SUITABLE OPTIONS: minimum 2mm aluminium or *approved alternative*.

13 Internal Corner Flashing

PURPOSE: To protect the internal corner from moisture that may enter the wall cavity from above.

SUITABLE OPTIONS: 0.6mm galvanized sheet metal, minimum 0.9mm aluminium or *approved alternative*.

14 Flexible Flashing Tape

PURPOSE: Used in combination with air barrier to protect the structure from moisture and air penetration.

SUITABLE OPTIONS: As recommended by the air barrier supplier or *approved alternative*.

15 Penetration Seal

PURPOSE: Stops water penetration at services points into the wall structure through the air barrier.

SUITABLE OPTIONS: Vanluk MG100-18, or as recommended by the air barrier supplier or *approved alternative*.

101 Drained and Ventilated Cavity

PURPOSE: To allow a) space for moisture that may enter the cladding system to freely drain downwards and b) ventilation space for drying the cavity.

SUITABLE OPTIONS: The L Series Cassette Cladding option nominally has a cavity space of 46mm between the water resistive barrier and the reverse face of the cladding panel.

102 Cassette Cladding Thickness

The thickness of the L – 4ACP Cassette Cladding option is nominally 50mm.

103 Panel Thickness

The thickness of Cassette Cladding panels are determined by the panel perimeter frame and that of the cladding panel attached to it.

The thickness of the L-4ACL Cassette Cladding option for P1 is nominally 44mm and for option P2 nominally 46mm.

104 Joint Width

PURPOSE: Cladding panel sizes are limited in their manufacturing processes, so joints are required to transition between different cladding panels. Practicability in handling large panels and joints used as a visual feature of the Cassette Cladding may therefore also affect maximum cladding panel sizes.

The design width of the Cassette Cladding joint is nominally 24mm (from panel perimeter frame to frame) to allow insertion of vertical joints strips CCS11 after panels are slotted into position.

During service of the cladding joints absorb differential movement between panels resulting from thermal movement in the panels and seismic movements.

SUITABLE OPTIONS: The design width of 24mm for joints widths can be reduced or increased.

Narrower joints may affect the flexibility of panel installation.

110 Screws by CC Contractor

PURPOSE: To fasten non load bearing extrusion to the Structure.

SUITABLE OPTIONS: For attachment to timber 38mm 10G 304 Grade Pan Head Square Drive wood screw.

113 CCS3 by CC Contractor

PURPOSE: A proprietary Cassette Cladding support rail to connect the Cassette Cladding panels to the structure directly or through intermediary members like CCS8/12. It manages moisture, thermal movement, and seismic movement at the horizontal panel joint and in combination with the P01 and P02 perimeter frames allows simple removable installation of panels.

SUITABLE OPTIONS: Rails are 6060/T5 aluminium and are provided as standard 3000mm long.

Surface finishing options are powder coated or anodized.

119 Screws by CC Contractor

PURPOSE: To interconnect Cassette Cladding components.

SUITABLE OPTIONS: 25mm Pan Head Square Drive 10G 410 Grade Martensitic stainless steel self-drilling screw.

122 Coping bracket by CC Contractor

PURPOSE: To interconnect the Coping to the Structure.

SUITABLE OPTIONS: 100mm long mill finish 3mm aluminium or *approved alternative* between coping joints to support the coping – maximum 1200mm c/c.

123 Screws by CC Contractor

PURPOSE: To fasten Coping brackets and jointers to the Structure.

SUITABLE OPTIONS: For attachment to timber 50mm 10G 304 Grade Counter Sunk Square Drive wood screw.

124 Underlay by CC Contractor

PURPOSE: A membrane to separate treated timber framing from aluminium to avoid undue corrosion caused by the timber treatment agents that may react with the aluminium.

SUITABLE OPTIONS: Thermakraft Covertek 405 or *approved alternative*.

125 Coping by CC Contractor

PURPOSE: Providing a durable cover to the top of the wall to deflect water from the cladding cavity.

SUITABLE OPTIONS: Provided in 2400mm long 3mm aluminium or *approved alternative*.

Finishes may be paint or powder coat.

126 Coping jointer by CC Contractor

PURPOSE: A jointer that can absorb movement and align different copings and shed moisture where the coping sections meet. To interconnect the Coping to the Structure.

SUITABLE OPTIONS: 250mm long 3mm aluminium or *approved alternative*. Finishes may be paint or powder coat. 200mm long at joints and 300mm long at expansion joints not exceeding 8000mm apart¹.

127 Fillet Seal by CC Contractor

PURPOSE: To provide a seal between the Cassette Cladding component and the air barrier for water and fire management. It may also act as a visual remedy for gaps in some instances.

SUITABLE OPTIONS: Sika AT Façade for general applications or *approved alternative*. BOSS Fire Mastic 300 for fire risk design applications.

128 Bed of sealant by CC Contractor

PURPOSE: To avoid interconnection of Cassette Cladding components with concrete and to assist with weather proofing.

SUITABLE OPTIONS: Sika AT Façade sealant or *approved alternative*.

129 Wall anchors by CC Contractor

PURPOSE: To fasten Cassette Cladding components to concrete.

SUITABLE OPTIONS: 30mm x 6mm wall anchors minimum 304 gr stainless steel or *approved alternative*.

¹ Acceptable Solution E2/AS1 section 6.3 & 6.4

130 Selected Facing Skirting by CC Contractor

PURPOSE: To provide a visual trim, ventilation gaps and vermin proofing to the bottom edge of a Cassette Cladding wall cavity.

SUITABLE OPTIONS: As per 201 Selected facing by CC Contractor or *approved alternative*.

131 Gap seal by CC Contractor

PURPOSE: Required for vermin proofing when the gap exceeds 5mm.

SUITABLE OPTIONS: Sika AT Façade sealant or *approved alternative*.

132 Ventilation Holes by CCS Contractor

PURPOSE: Ventilation holes to facilitate air movement and resulting drying of the cladding cavity.

SUITABLE OPTIONS: 6mm diameter holes @ 500c/c or *approved alternative*.

134 Foam Tape by CC Contractor

PURPOSE: To avoid vibration that may occur between Cassette Cladding components.

SUITABLE OPTIONS: 3 x 15mm single sided foam tape or *approved alternative*.

146 CCS14 by CC Contractor

PURPOSE: A proprietary Cassette Cladding termination channel to connect the Cassette Cladding panels directly to the structure or to other Cassette Cladding components. It manages moisture, thermal movement, and seismic movement at the top horizontal panel edge. It secures the top edges of P01 and P02 and allows simple removable installation of panels.

SUITABLE OPTIONS: Rails are 6060/T5 aluminium and are provided as standard 3000mm long.

Surface finishing options are powder coated or anodized.

152 Panel Catch by CC Contractor

PURPOSE: To avoid uncontrolled release of Cassette Cladding panels in the event of a fire.

SUITABLE OPTIONS: Two-part 3mm aluminium shape protected with 50 x 80mm rockwool at its base.

153 Screws by CC Contractor

PURPOSE: For attachment of items 149 and 151.

SUITABLE OPTIONS: 75mm 12 Gauge Stainless Steel Screw.

157 Screws by CC Contractor

PURPOSE: To fasten load bearing extrusion to the Structure.

SUITABLE OPTIONS: For attachment to timber 50mm 10G 304 Grade Pan Head Square Drive wood screw.

164 CCS15 by CC Contractor

PURPOSE: To connect panel frames to the structure.

SUITABLE OPTIONS: Extruded 6060/T5 aluminium. Finish in anodized or powder coat

165 CCS16 by CC Contractor

PURPOSE: Horizontal edge support to bottom edge of panel.

SUITABLE OPTIONS: 6060/T5 aluminium. Finish in anodized or powder coat.

166 Shim by CC Contractor

PURPOSE: To provide firm support and align extruded members.

SUITABLE OPTIONS: High density polyethylene.

201 Selected facing by CC Contractor

PURPOSE: To provide a pleasing visual surface and protection to the underlying wall.

SUITABLE OPTIONS:

Mondoclad prefinished 3mm aluminium,

Alucolux 3mm prefinished aluminium,

Powder Coated 3mm aluminium or *approved alternative*.

202 / 221 Panel Perimeter Frame by CC Contractor

PURPOSE: The panel frame provides strength to the perimeter of the panel, is shaped to provide an interlocking mechanism to the support rails and in combination with the support rails and joint strips provide weathering.

SUITABLE OPTIONS: CCS1 or CCS7 frame manufactured in 6060/T5 aluminium. Finish in anodized or powder coat.

203 Screws by CC Contractor

PURPOSE: For partial attachment of the facing panel to CCS1 perimeter frame.

SUITABLE OPTIONS: 18mm square drive Pan Head 8 Gauge self-drilling 410 Grade Martensitic stainless steel screw.

204 Stiffener by CC Contractor

PURPOSE: For limiting deflection in the facing panel and secondary attachment of the facing panel to the perimeter frame.

SUITABLE OPTIONS: Proprietary mill finish CCS2 profile.

205 Cleat by CC Contractor

PURPOSE: For connecting CCS2 to CCS1/CCS7.

SUITABLE OPTIONS: 40 x 40 x 1.6mm mill finish aluminium angle 30mm long.

206 Structural Adhesive by CC Contractor

PURPOSE: For connecting facing panel to CCS1/CCS7.

SUITABLE OPTIONS: Simson Panel Tac or *approved alternative*.

207 Joint Clamp by CC Contractor

PURPOSE: For locking panels into position after they have been positioned between support rails.

SUITABLE OPTIONS: Proprietary CCS11 manufactured in 6060/T5 aluminium. Finish in anodized or powder coat.

213 Panel Drain Hole by CC Contractor

PURPOSE: Drain holes at bottom of panel for discharge of moisture.

SUITABLE OPTIONS: 6mm diameter drain hole slot 50mm from panel edge at bottom edge of panel.

214 Screw by CC Contractor

PURPOSE: For connecting the corner cleats that interconnect different panel perimeter frames.

SUITABLE OPTIONS: 6mm square drive pan head 8 Gauge self-drilling 410 Grade Martensitic stainless steel screw.

216 Joint Deflector by CC Contractor

PURPOSE: To manage moisture where joins occur.

SUITABLE OPTIONS: 0.9mm aluminium minimum.

217 Finishing facing by CC Contractor

PURPOSE: To deflect moisture from the wall cavity. To provide a visually pleasing look that may be apparent when viewing the completed installation.

SUITABLE OPTIONS: As per 201.

218 Foam Tape by CC Contractor

PURPOSE: To avoid wind vibration.

SUITABLE OPTIONS: 3 x 20mm single sided foam tape 50mm long at 500mm c/c.

219 Adhesive Tape by CC Contractor

PURPOSE: To bond CCS2 or CCS7 to reverse face of facing panel.

SUITABLE OPTIONS: 1.6mm x 12.7mm 3M VHB Tape.

222 Cleat by CC Contractor

PURPOSE: For connecting corners of panels.

SUITABLE OPTIONS: 40mm x 40mm x 1.6mm mill finish aluminium angle 17mm long.

223 Finishing Trim by CC Contractor

PURPOSE: An option for tidily finishing square cut facing panels edges using perimeter frame CCS7.

SUITABLE OPTIONS: 6060/T5 aluminium. Finish in anodized or powder coat.

224 Back Panel by CC Contractor

PURPOSE: Containment of P3 componentry.

SUITABLE OPTIONS: 0.9mm stainless steel tray.

225 Thermal Ram by CC Contractor

PURPOSE: Assisting in release of P3 facing panel.

SUITABLE OPTIONS: Proprietary Cassette Cladding ram.

226 Hinge by CC Contractor

PURPOSE: Pivotal point for P3 facing panel.

SUITABLE OPTIONS: Stainless steel piano hinge.

227 Perimeter Seal by CC Contractor

PURPOSE: For moisture proofing of panel P3.

SUITABLE OPTIONS: Proprietary Cassette Cladding filler.

228 Perimeter Seal by CC Contractor

PURPOSE: For moisture proofing of panel P3.

SUITABLE OPTIONS: Proprietary Cassette Cladding filler.

229 Facing Panel by CC Contractor

PURPOSE: For deflection of fire from below.

SUITABLE OPTIONS: 2mm stainless steel.

230 Restrainer by CC Contractor

PURPOSE: For governing the amount of tilt in item 229.

SUITABLE OPTIONS: Cassette Cladding proprietary steel cable.

232 Escutcheon Plate by CC Contractor

PURPOSE: To provide a tidy finish to the facing panel when a penetration passes through.

Optional.

SUITABLE OPTIONS: Same as 201.

233 Screw by CCS Contractor

PURPOSE: To connect facing panel to edge of CCS7 or finishing trim to CCS15.

SUITABLE OPTIONS: 18mm 8G Counter Sunk Square Drive 410 Grade Martensitic stainless steel screw.

234 External Corner Trim by CC Contractor

PURPOSE: To provide a tidy finish to vertical external corners.

SUITABLE OPTIONS: Same as 201.

235 CCS17 by CC Contractor

PURPOSE: To provide a tidy finish to horizontal joints.

SUITABLE OPTIONS: 6060/T5 aluminium.

Finish in anodized or powder coat.

236 Sill trim by CC Contractor

PURPOSE: To provide a tidy finish to the sill.

SUITABLE OPTIONS: As per item 201.