





# CLADIFY / MITREX

41 RACINE ROAD

CLIENT:

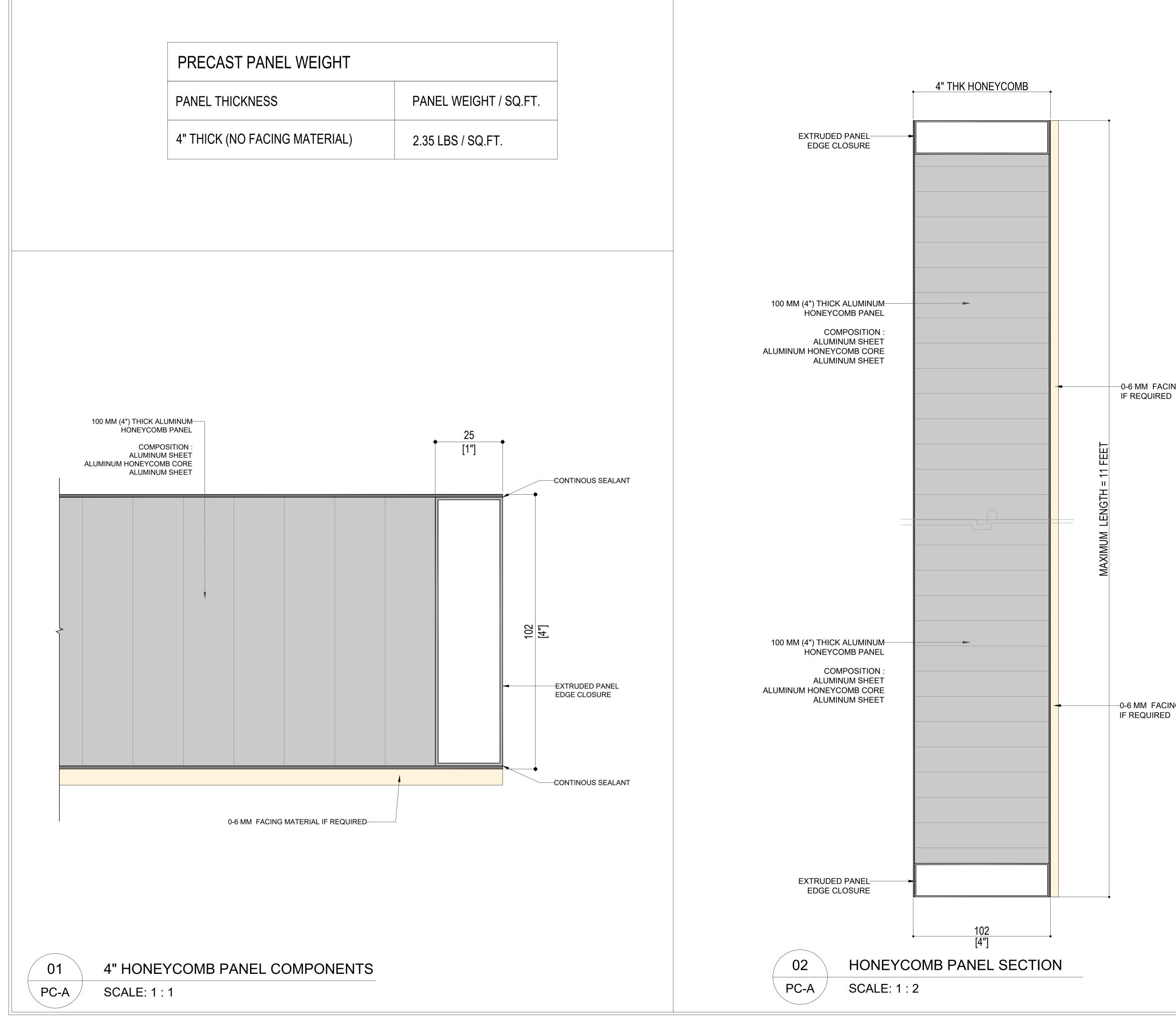
CLADIFY / MITREX

ARCHITECT

# CladiCast CLADIFY / MITREX LIGHT WEIGHT PRECAST SOLUTION

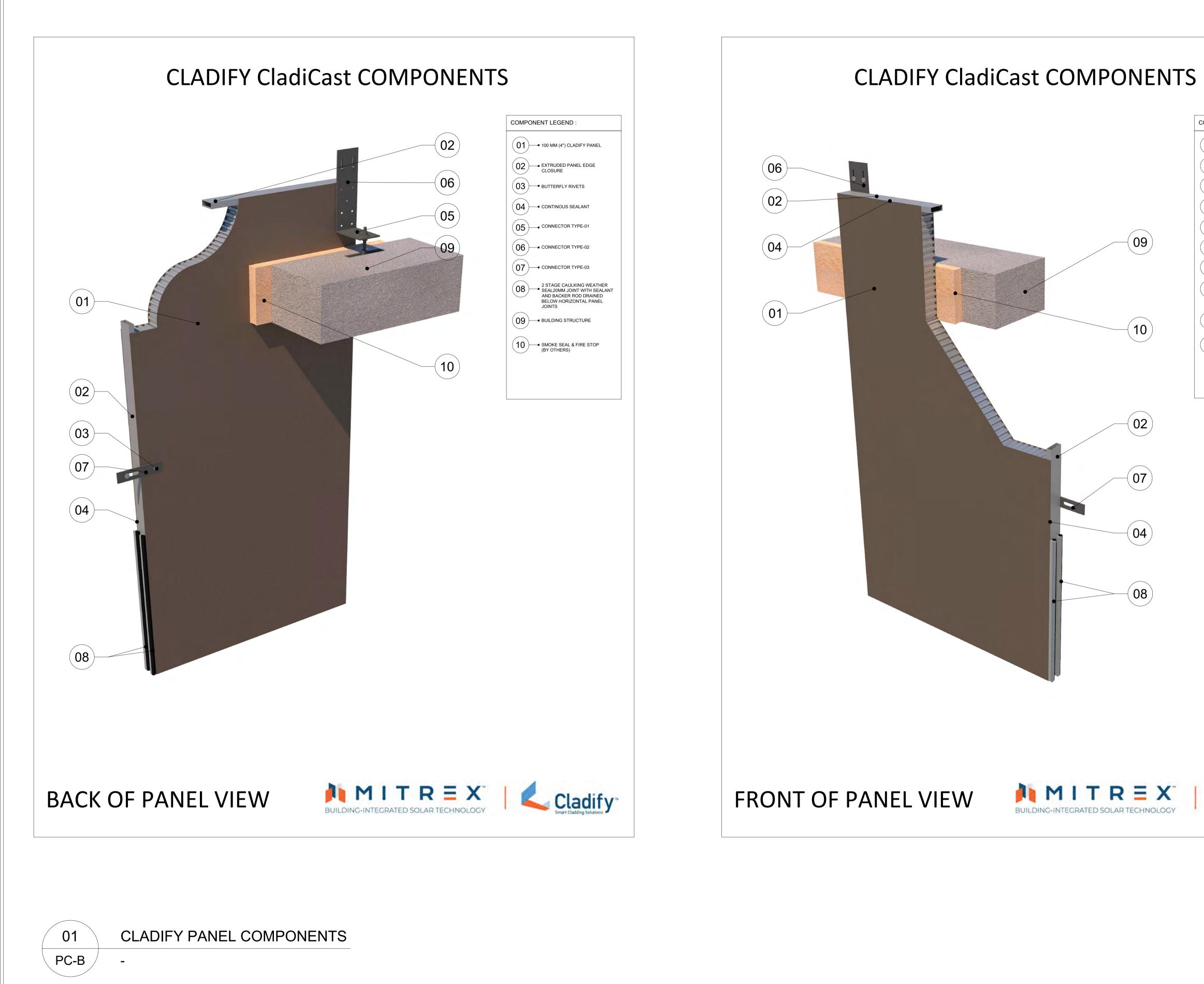
Date:

SEPTEMBER 05, 2023



-0-6 MM FACING MATERIAL

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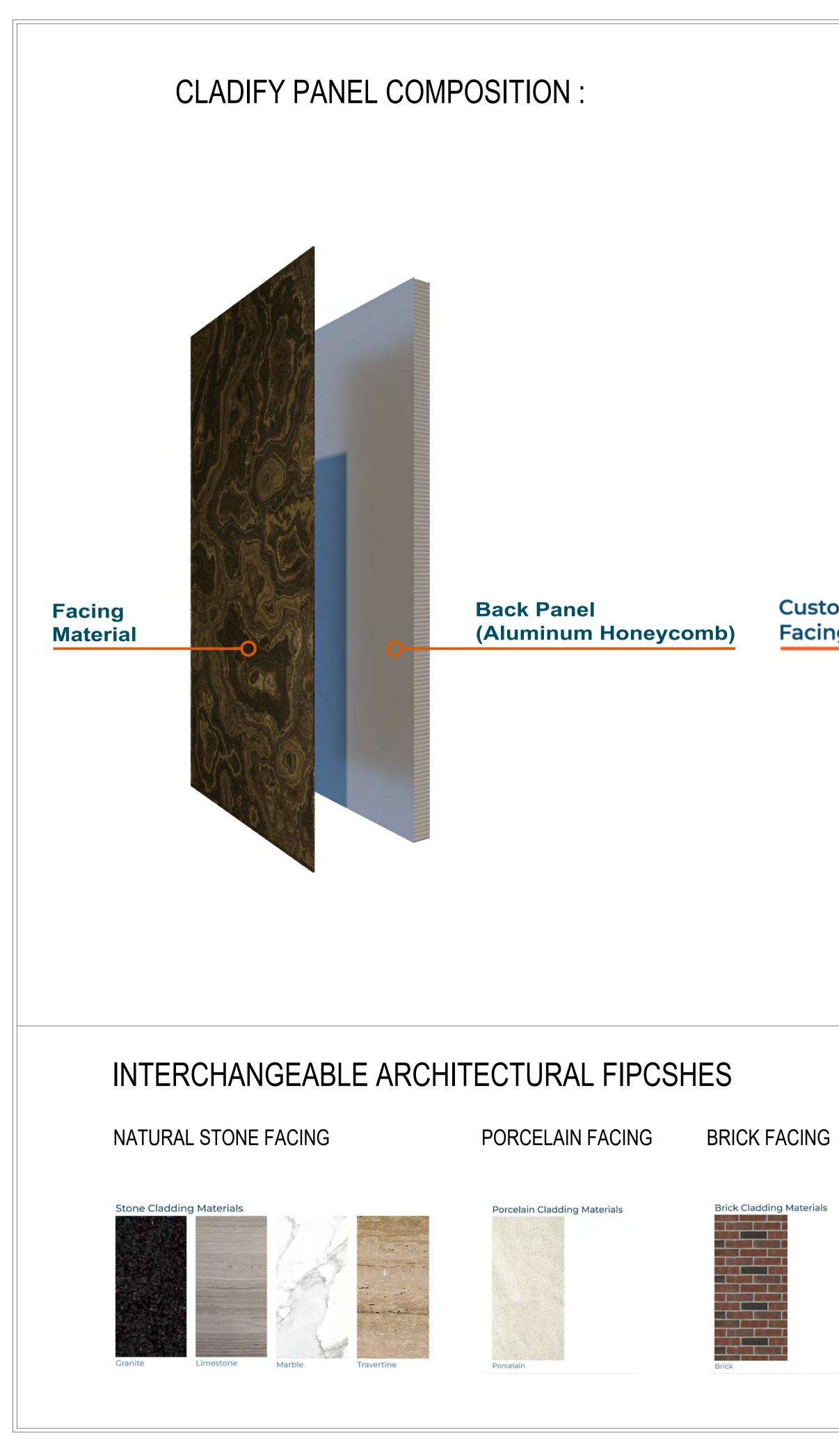




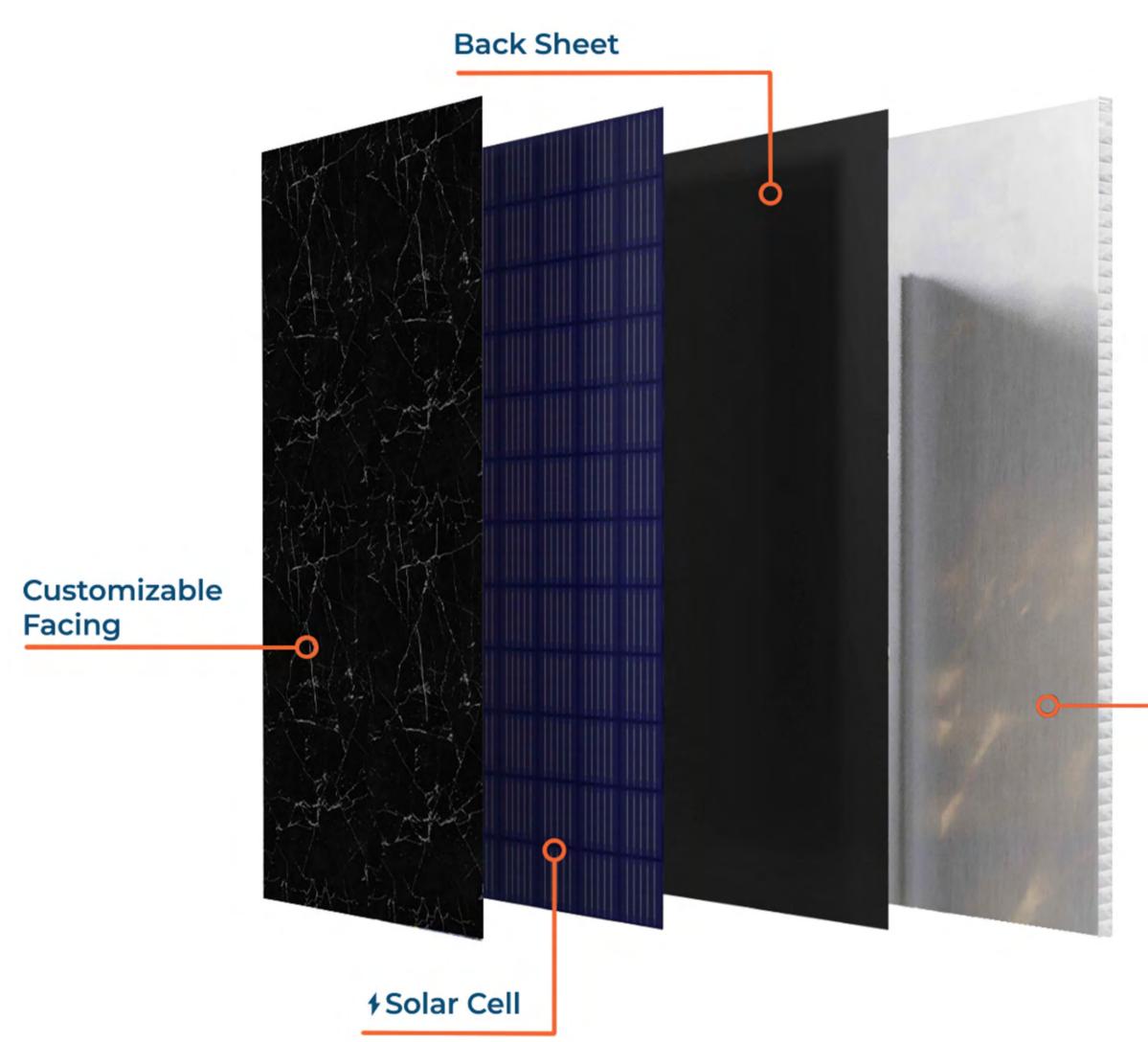
COMPONENT LEGEND :
01 - 100 MM (4") CLADIFY PANEL
02 EXTRUDED PANEL EDGE CLOSURE
04 CONTINOUS SEALANT
05 CONNECTOR TYPE-01
06 CONNECTOR TYPE-02
07 - CONNECTOR TYPE-03
08 2 STAGE CAULKING WEATHER SEAL20MM JOINT WITH SEALANT AND BACKER ROD DRAINED BELOW HORIZONTAL PANEL JOINTS
09 BUILDING STRUCTURE
10 SMOKE SEAL & FIRE STOP (BY OTHERS)



BUILDING-		T R TED SOLAR	EX <sup>®</sup>	Cladify
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## MITREX PANEL COMPOSITION :





## PAINTED/COATED METAL FACING



FOR COMPLETE ARCHITECTURAL FIPCSHES OPTIONS



## MITREX BIPV FACING



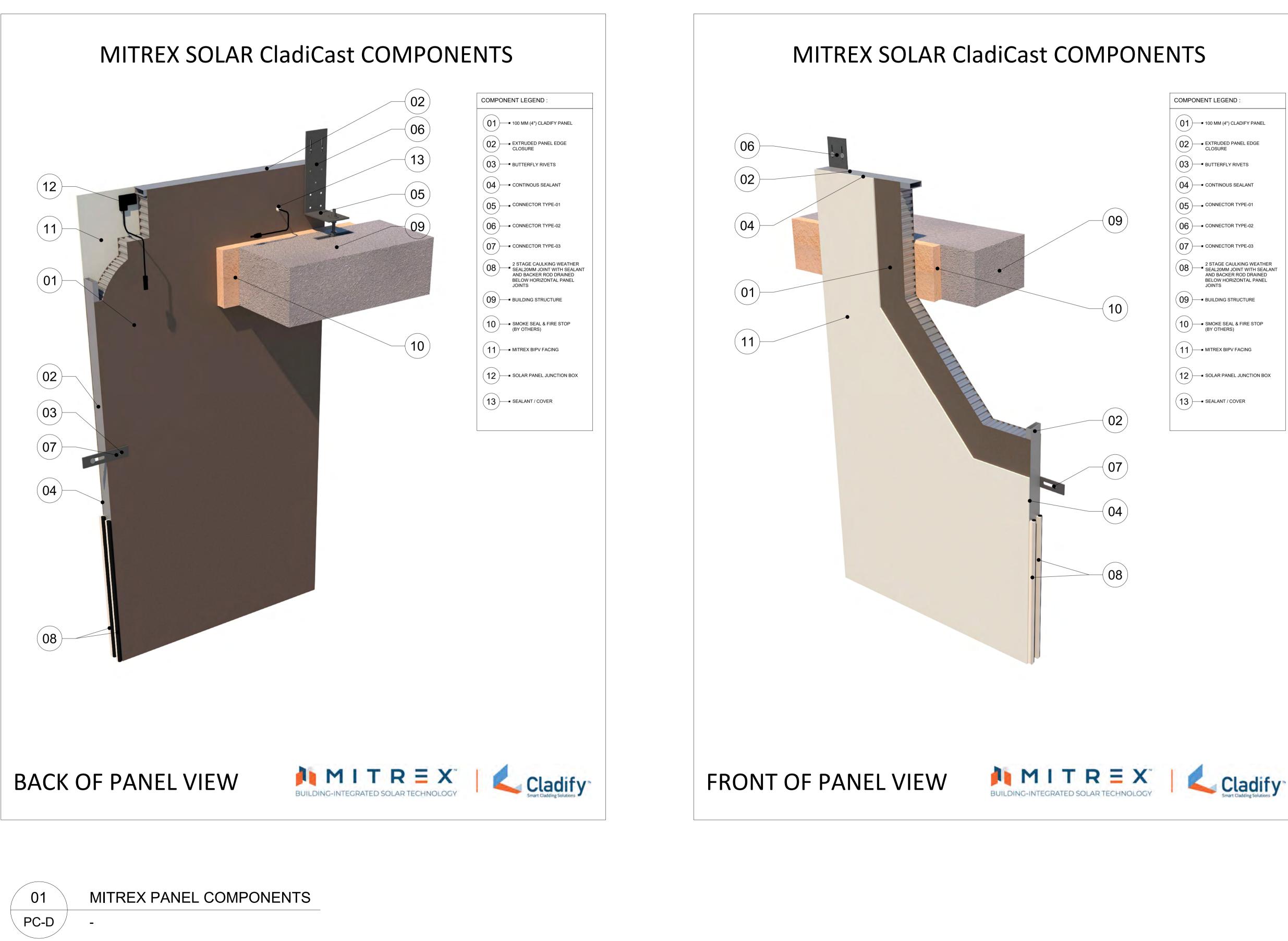
## Aluminum Honeycomb

FOR COMPLETE BIPV FIPCSHES OPTIONS :

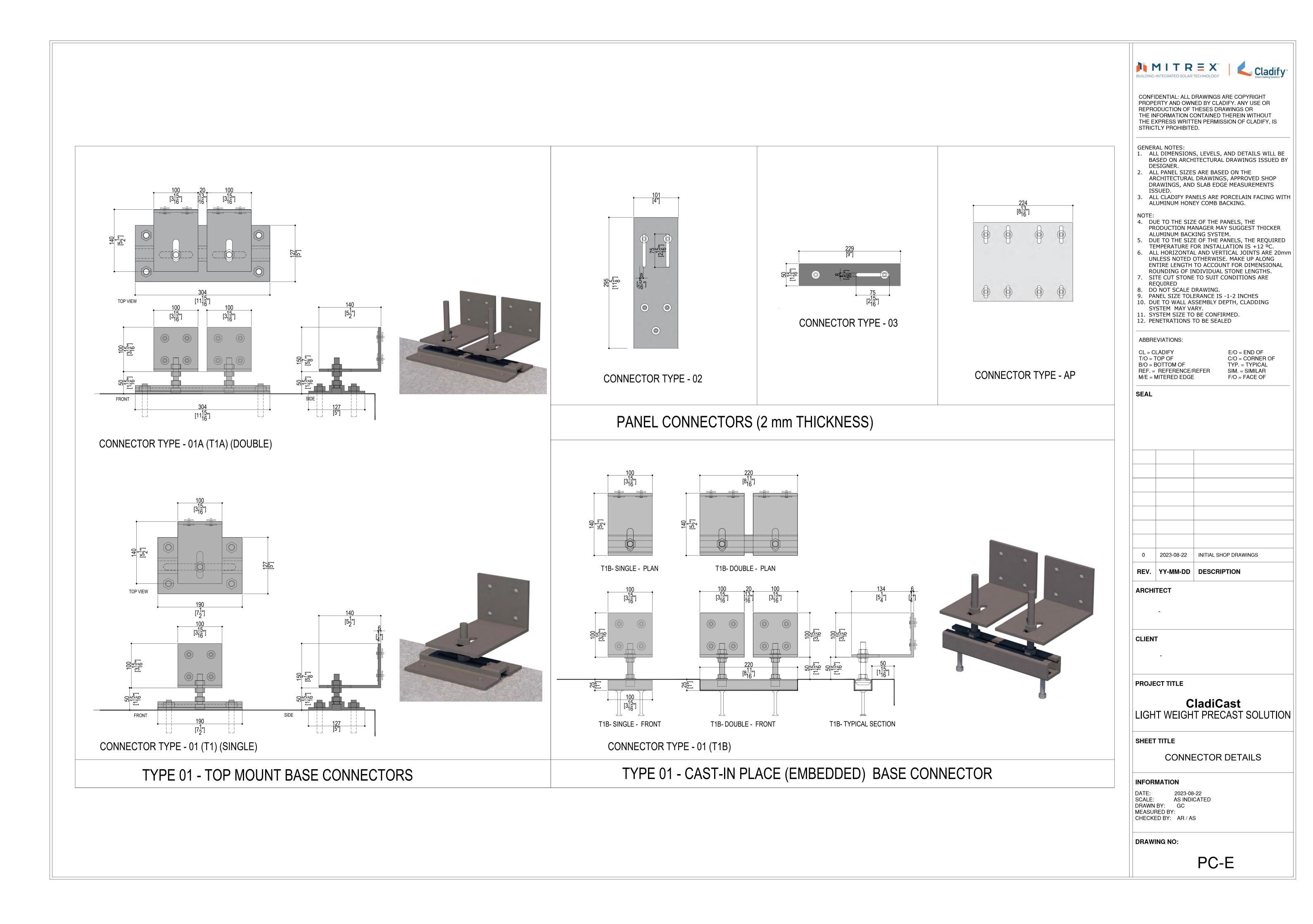


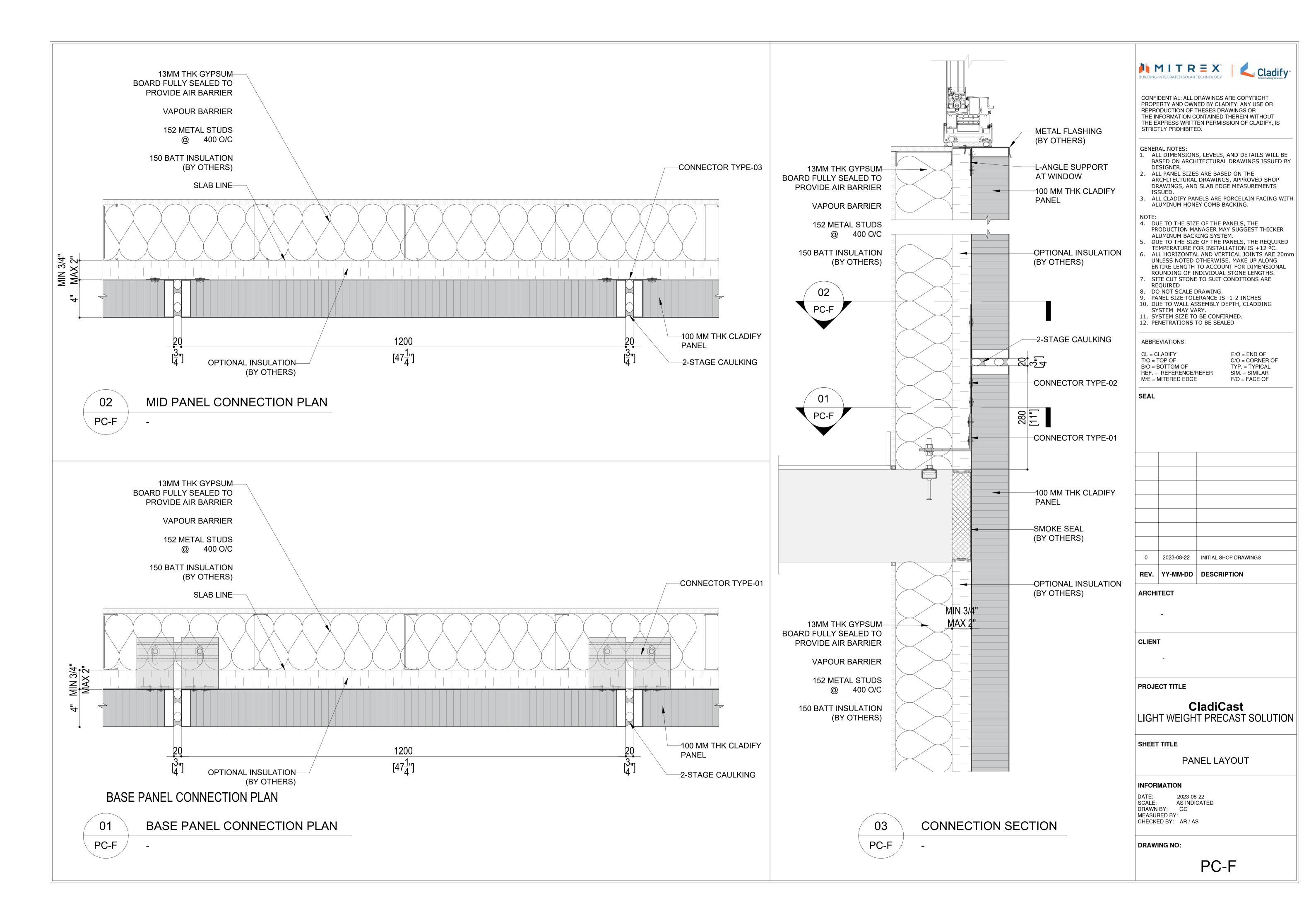
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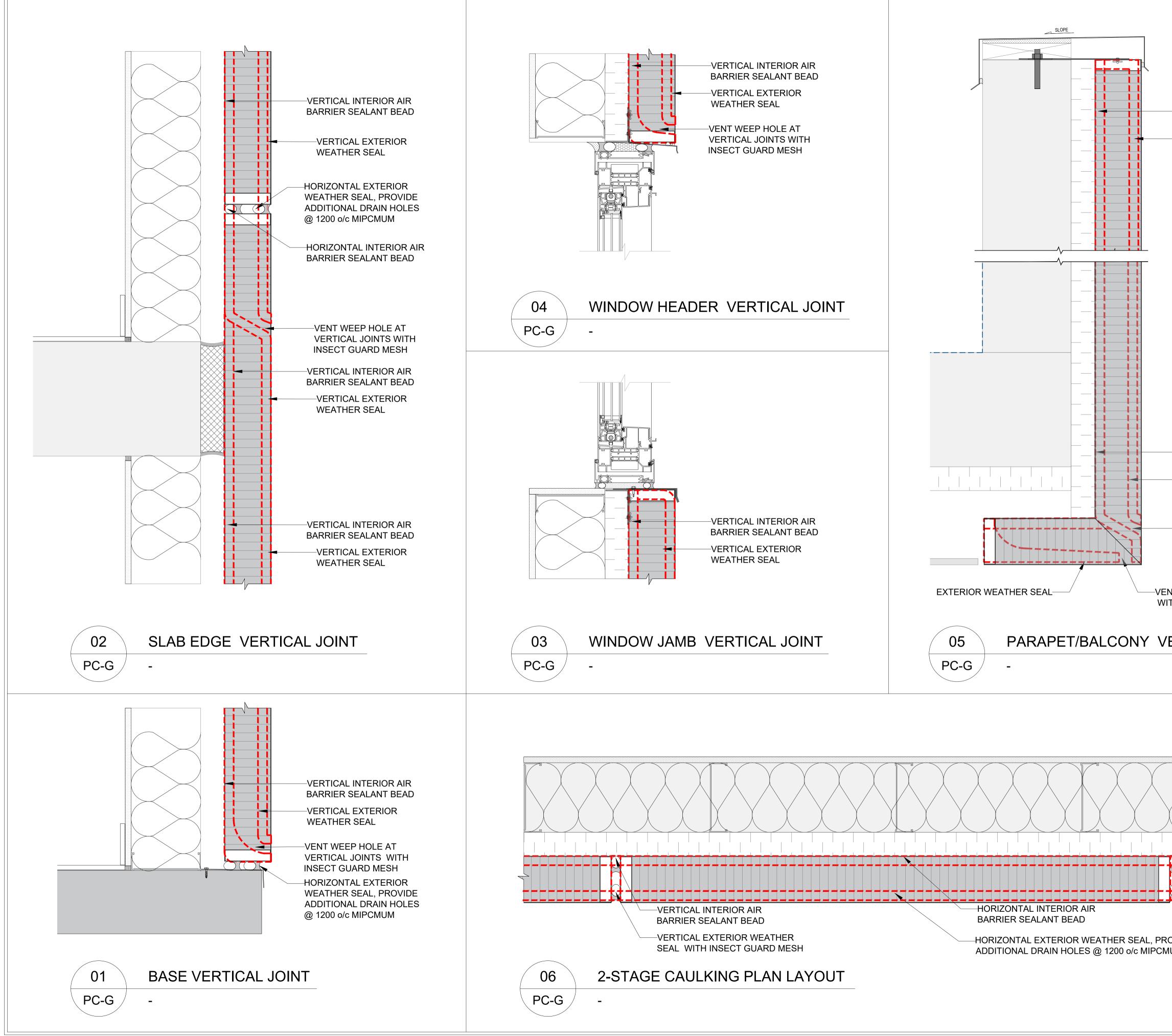
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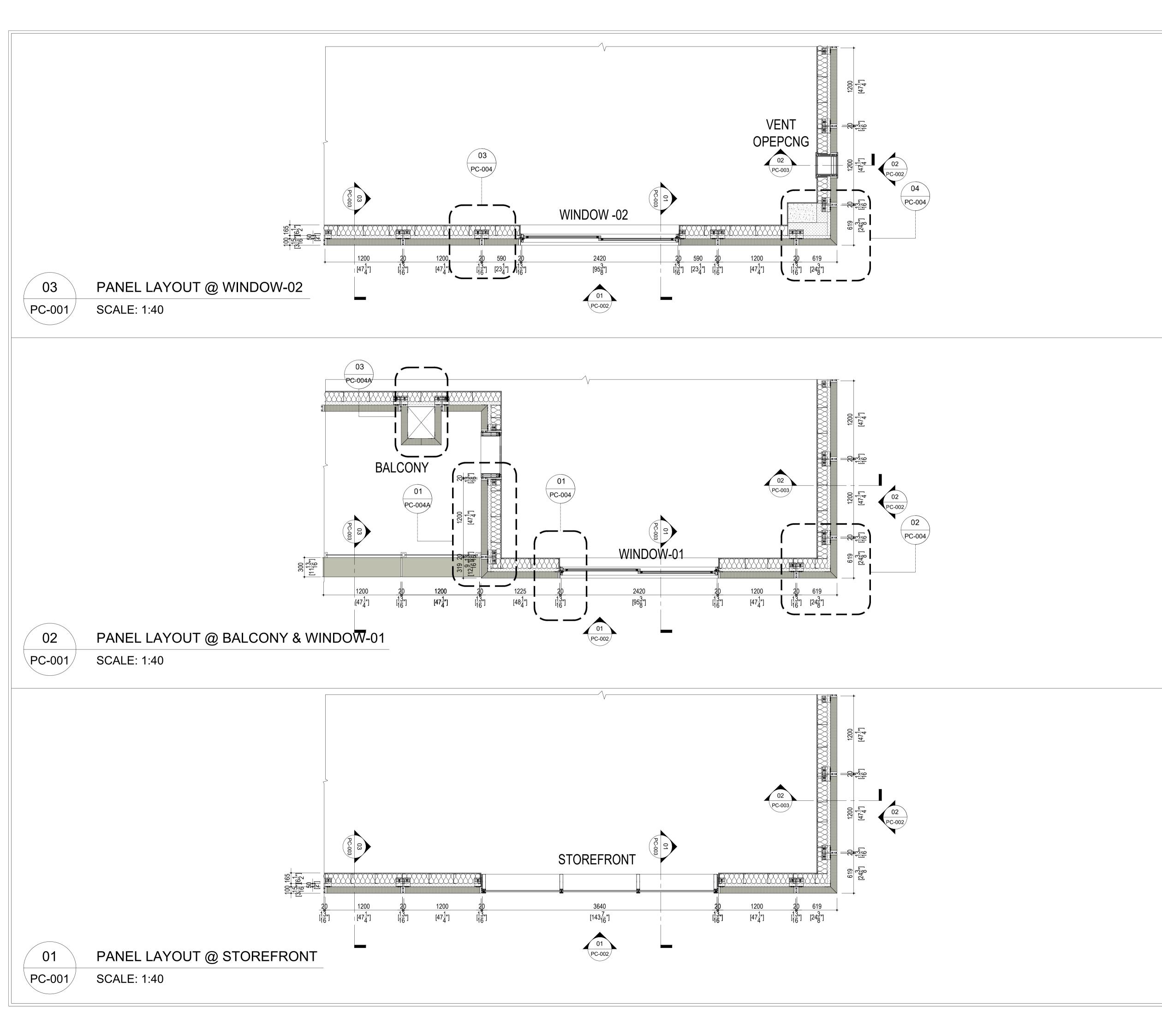
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BARRIER SEALANT BEAD —VERTICAL EXTERIOR WEATHER SEAL	<ul> <li>GENERAL NOTES:</li> <li>1. ALL DIMENSIONS, LEVELS, AND DETAILS WILL BE BASED ON ARCHITECTURAL DRAWINGS ISSUED BY DESIGNER.</li> <li>2. ALL PANEL SIZES ARE BASED ON THE ARCHITECTURAL DRAWINGS, APPROVED SHOP DRAWINGS, AND SLAB EDGE MEASUREMENTS ISSUED.</li> <li>3. ALL CLADIFY PANELS ARE PORCELAIN FACING WITH ALUMINUM HONEY COMB BACKING.</li> </ul>				
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INFORMATION

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PANEL PLAN LAYOUT SCENARIOS

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# CladiCast LIGHT WEIGHT PRECAST SOLUTION

PROJECT TITLE

## CLIENT

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11. SYSTEM SIZE TO BE CONFIRMED. 12. PENETRATIONS TO BE SEALED

- 10. DUE TO WALL ASSEMBLY DEPTH, CLADDING SYSTEM MAY VARY.
- 8. DO NOT SCALE DRAWING. 9. PANEL SIZE TOLERANCE IS -1-2 INCHES
- ROUNDING OF INDIVIDUAL STONE LENGTHS.7. SITE CUT STONE TO SUIT CONDITIONS ARE REQUIRED
- TEMPERATURE FOR INSTALLATION IS +12 °C. UNLESS NOTED OTHERWISE. MAKE UP ALONG ENTIRE LENGTH TO ACCOUNT FOR DIMENSIONAL
- 5. DUE TO THE SIZE OF THE PANELS, THE REQUIRED 6. ALL HORIZONTAL AND VERTICAL JOINTS ARE 20mm
- ALUMINUM BACKING SYSTEM.
- PRODUCTION MANAGER MAY SUGGEST THICKER
- NOTE: 4. DUE TO THE SIZE OF THE PANELS, THE
- ISSUED. 3. ALL CLADIFY PANELS ARE PORCELAIN FACING WITH ALUMINUM HONEY COMB BACKING.
- ARCHITECTURAL DRAWINGS, APPROVED SHOP DRAWINGS, AND SLAB EDGE MEASUREMENTS
- BASED ON ARCHITECTURAL DRAWINGS ISSUED BY DESIGNER. 2. ALL PANEL SIZES ARE BASED ON THE

Cladify

- GENERAL NOTES: 1. ALL DIMENSIONS, LEVELS, AND DETAILS WILL BE

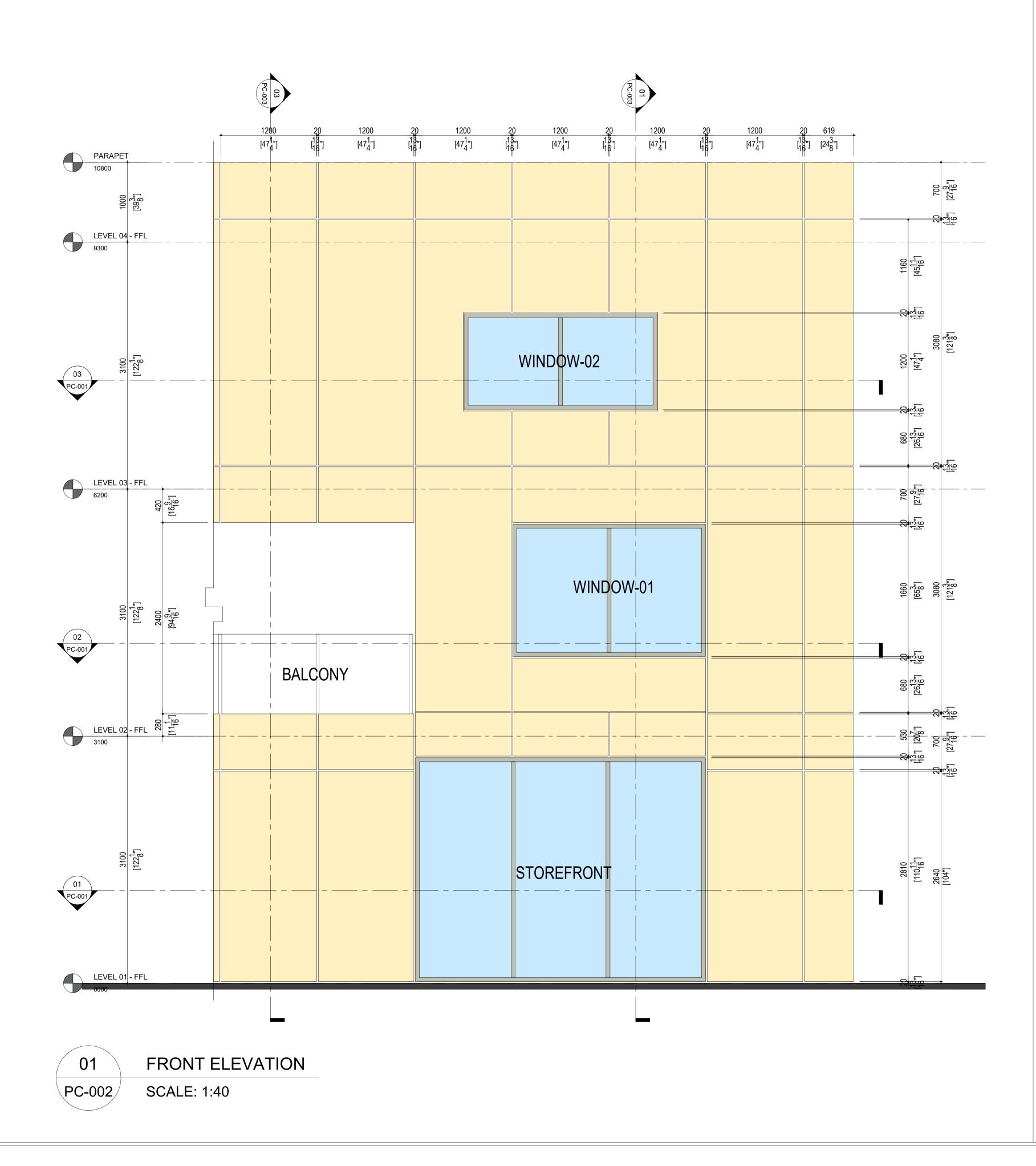
THE EXPRESS WRITTEN PERMISSION OF CLADIFY, IS

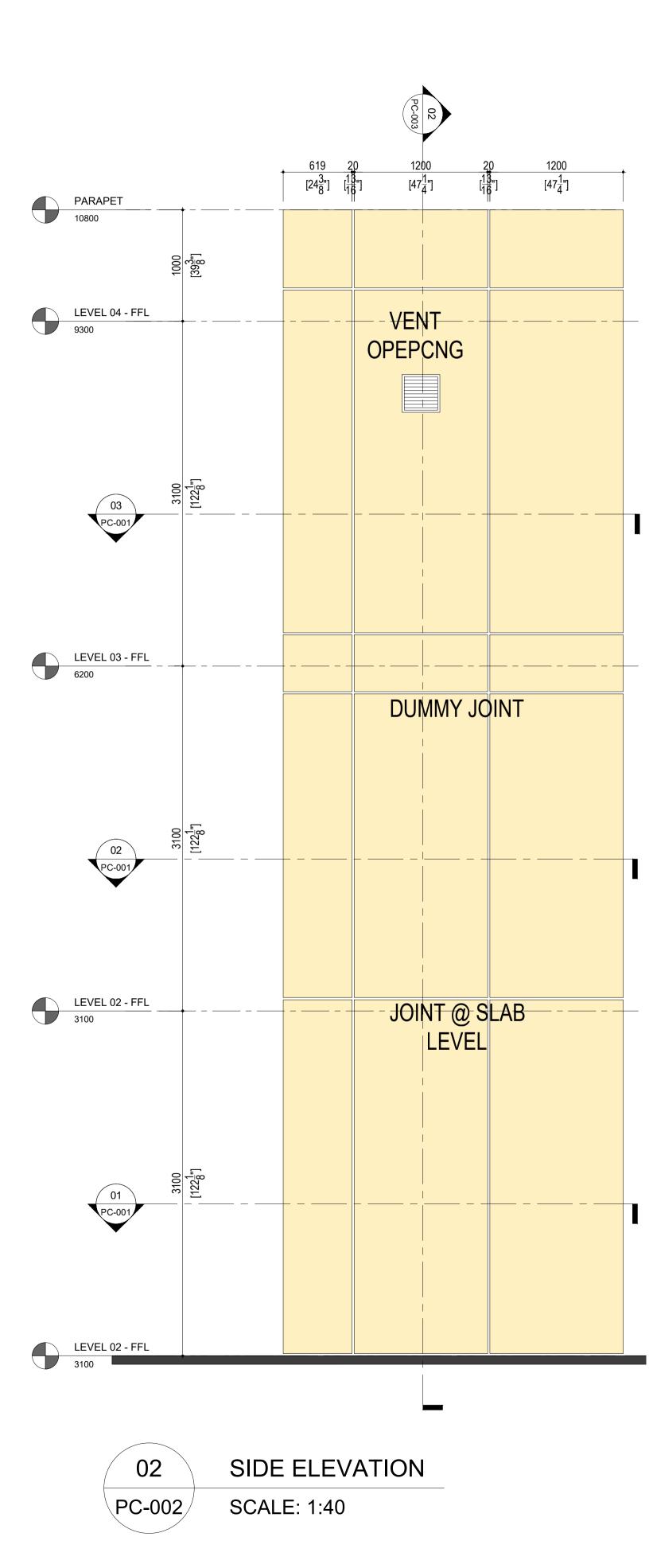
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MITREX

BUILDING-INTEGRATED SOLAR TECHNOLOGY

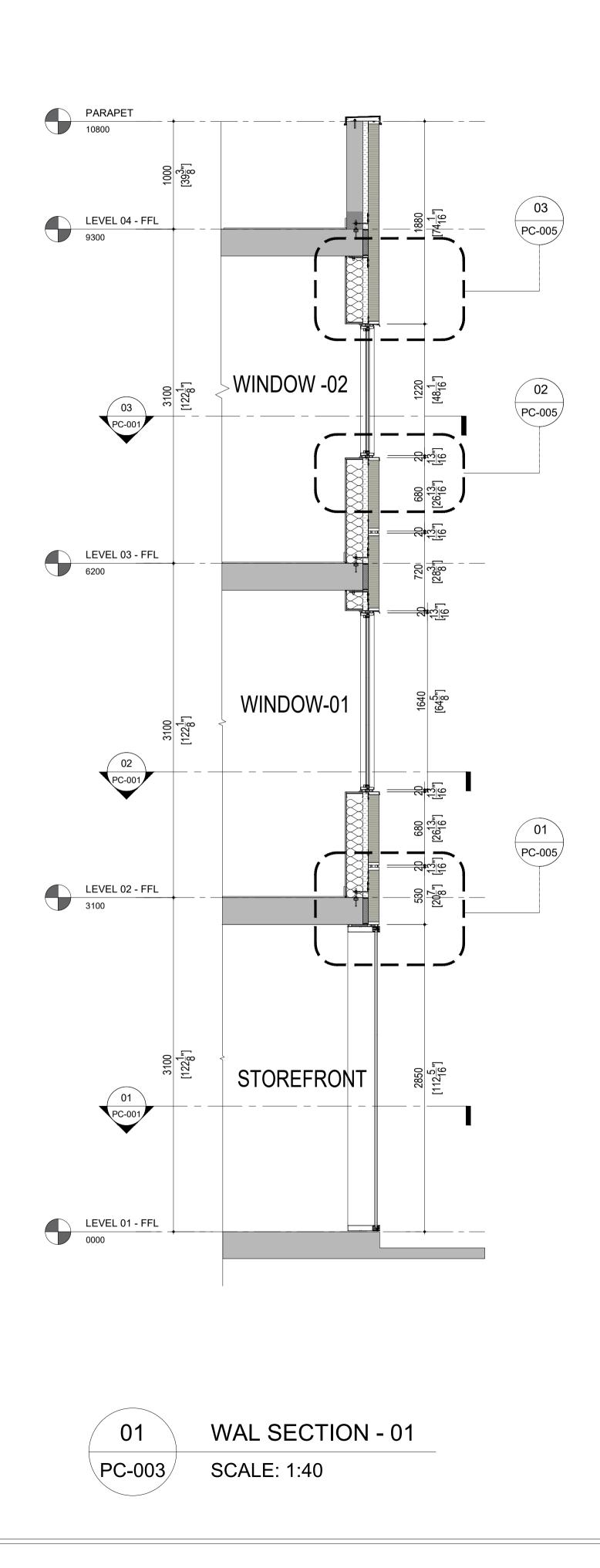
STRICTLY PROHIBITED.

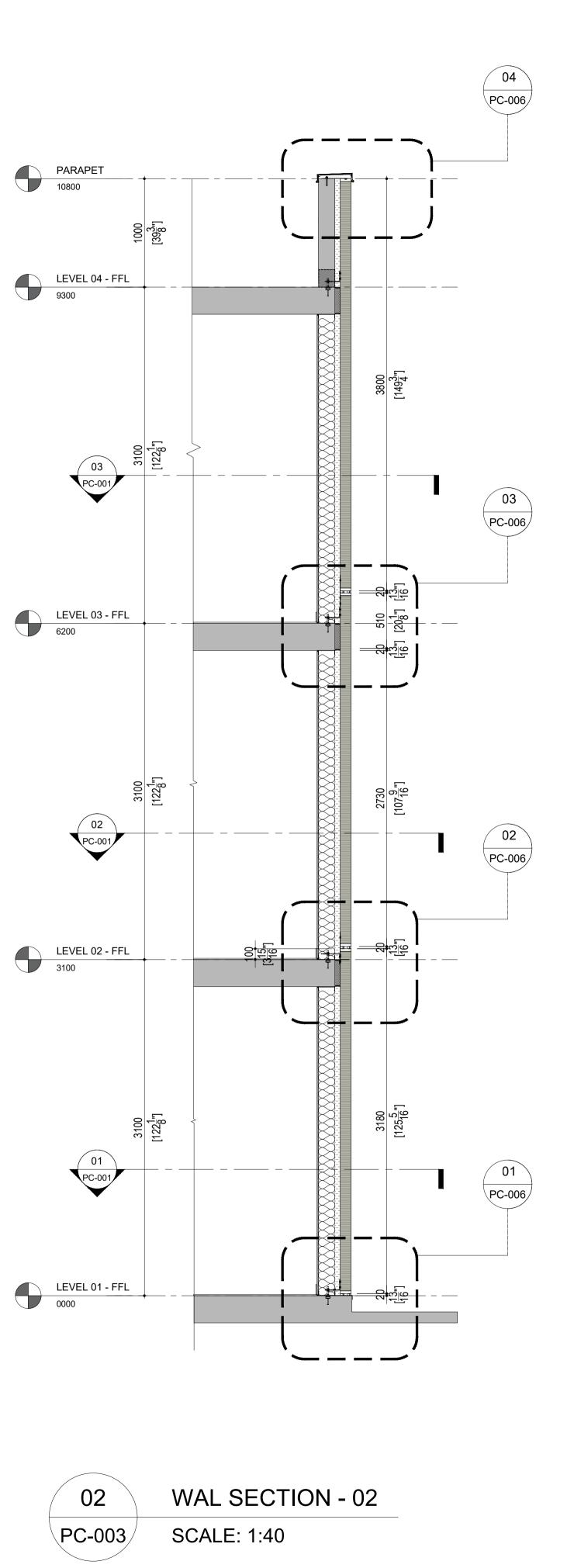


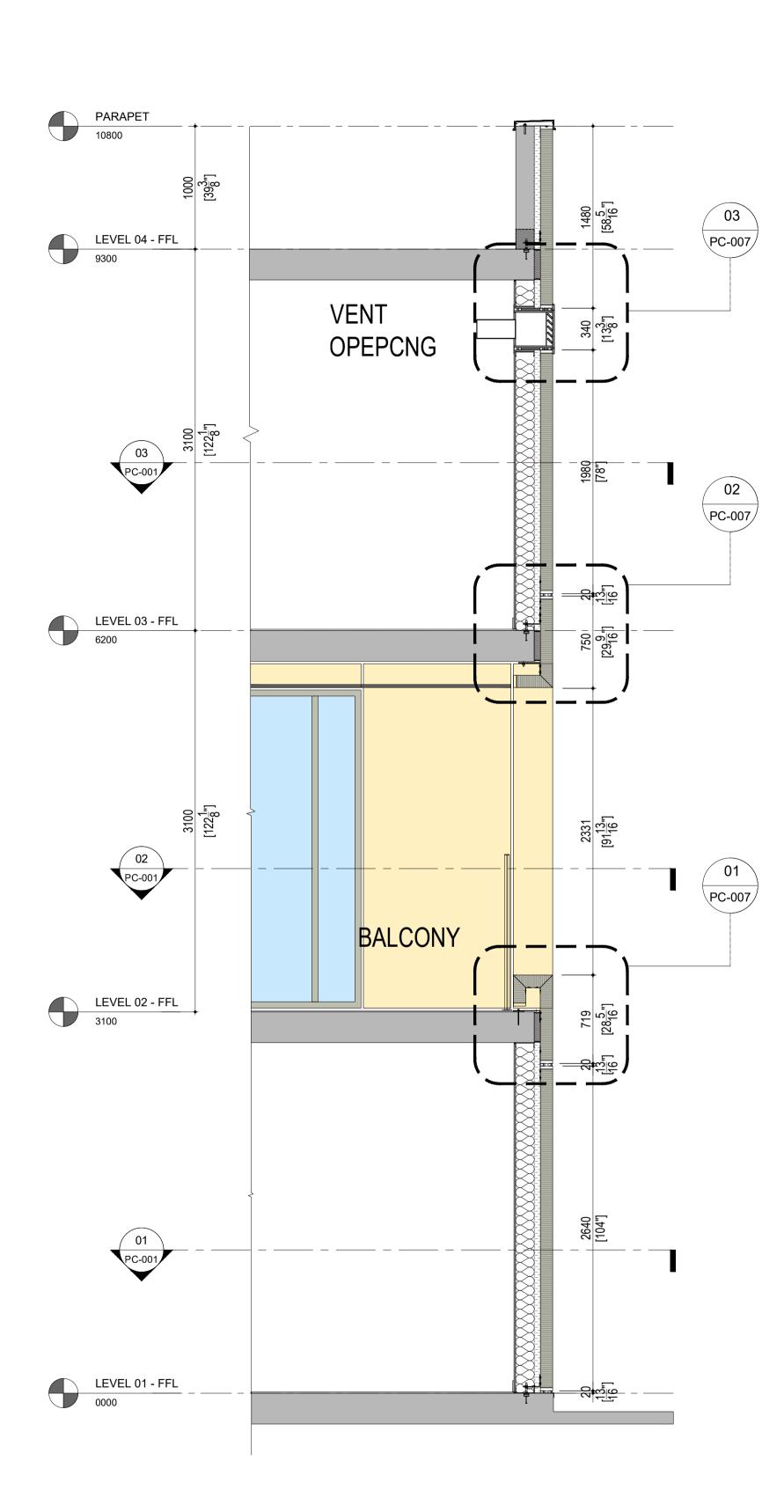


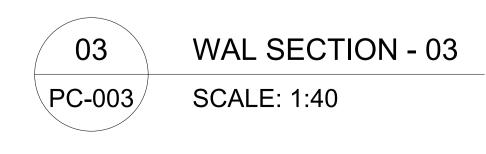
MITREX Cladify BUILDING-INTEGRATED SOLAR TECHNOLOGY CONFIDENTIAL: ALL DRAWINGS ARE COPYRIGHT PROPERTY AND OWNED BY CLADIFY. ANY USE OR REPRODUCTION OF THESES DRAWINGS OR THE INFORMATION CONTAINED THEREIN WITHOUT THE EXPRESS WRITTEN PERMISSION OF CLADIFY, IS STRICTLY PROHIBITED. GENERAL NOTES: 1. ALL DIMENSIONS, LEVELS, AND DETAILS WILL BE BASED ON ARCHITECTURAL DRAWINGS ISSUED BY DESIGNER. 2. ALL PANEL SIZES ARE BASED ON THE ARCHITECTURAL DRAWINGS, APPROVED SHOP DRAWINGS, AND SLAB EDGE MEASUREMENTS ISSUED. 3. ALL CLADIFY PANELS ARE PORCELAIN FACING WITH ALUMINUM HONEY COMB BACKING. NOTE: 4. DUE TO THE SIZE OF THE PANELS, THE PRODUCTION MANAGER MAY SUGGEST THICKER ALUMINUM BACKING SYSTEM. 5. DUE TO THE SIZE OF THE PANELS, THE REQUIRED TEMPERATURE FOR INSTALLATION IS +12 °C. 6. ALL HORIZONTAL AND VERTICAL JOINTS ARE 20mm UNLESS NOTED OTHERWISE. MAKE UP ALONG ENTIRE LENGTH TO ACCOUNT FOR DIMENSIONAL ROUNDING OF INDIVIDUAL STONE LENGTHS. 7. SITE CUT STONE TO SUIT CONDITIONS ARE REQUIRED 8. DO NOT SCALE DRAWING. 9. PANEL SIZE TOLERANCE IS -1-2 INCHES 10. DUE TO WALL ASSEMBLY DEPTH, CLADDING SYSTEM MAY VARY. 11. SYSTEM SIZE TO BE CONFIRMED. 12. PENETRATIONS TO BE SEALED ABBREVIATIONS: E/O = END OF C/O = CORNER OF CL = CLADIFYT/O = TOP OFTYP. = TYPICAL B/O = BOTTOM OF REF. = REFERENCE/REFER SIM. = SIMILAR M/E = MITERED EDGE F/O = FACE OFSEAL 2023-08-22 INITIAL SHOP DRAWINGS 0 **REV. YY-MM-DD DESCRIPTION** ARCHITECT -CLIENT PROJECT TITLE CladiCast LIGHT WEIGHT PRECAST SOLUTION SHEET TITLE FRONT & SIDE ELEVATION INFORMATION DATE: 2023-08-22 SCALE: AS INDICATED DRAWN BY: GC MEASURED BY: CHECKED BY: AR / AS DRAWING NO:

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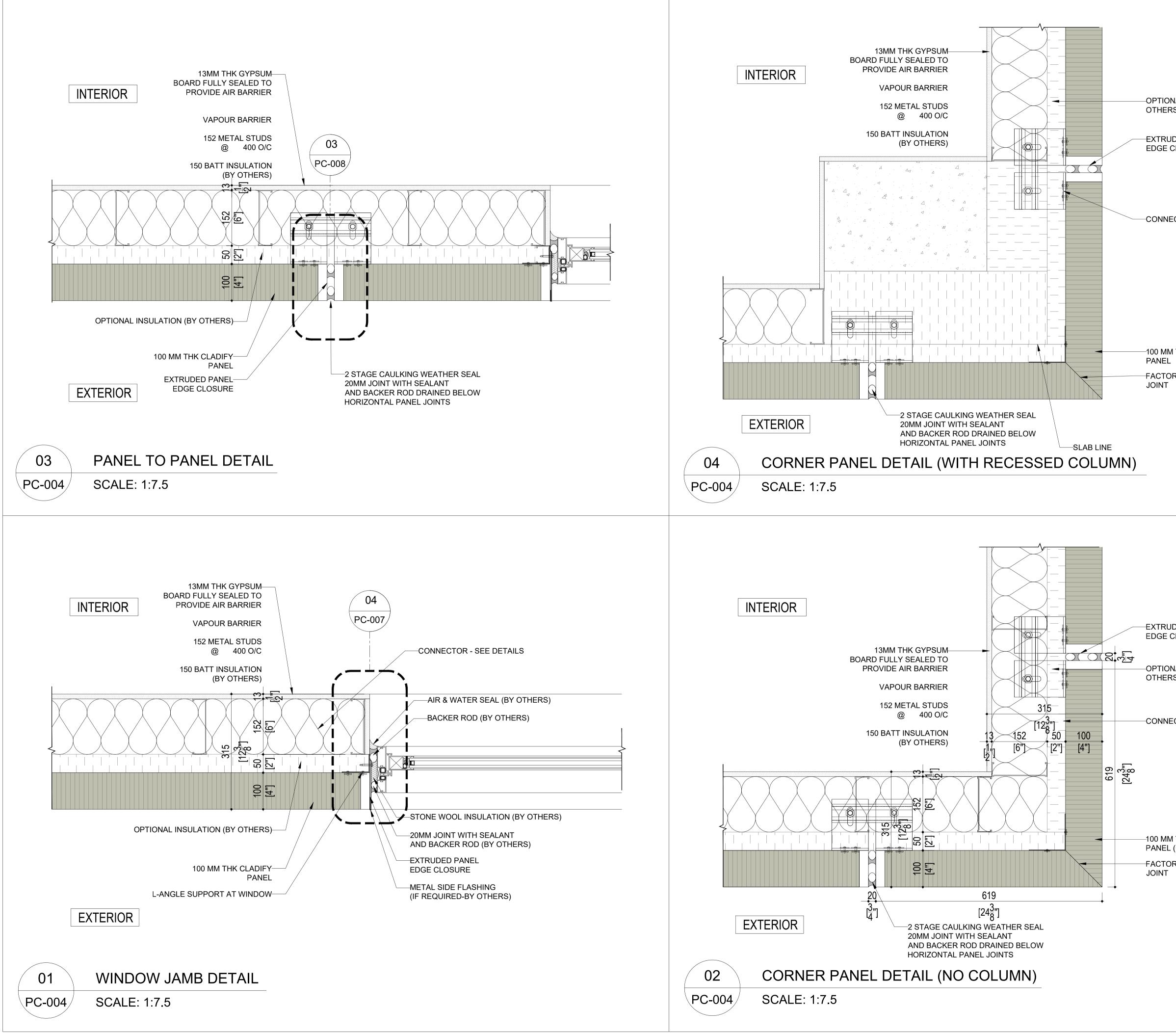




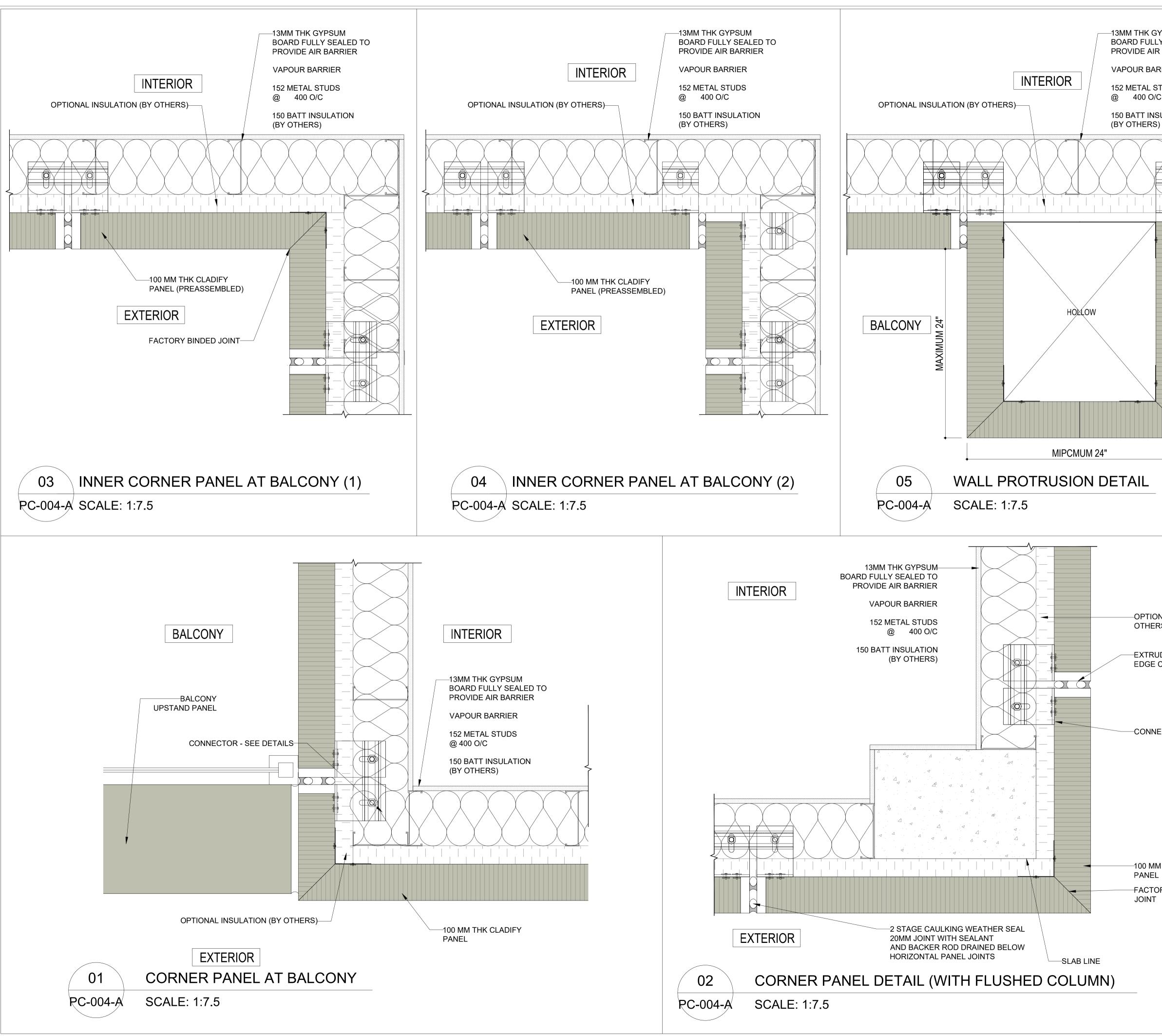


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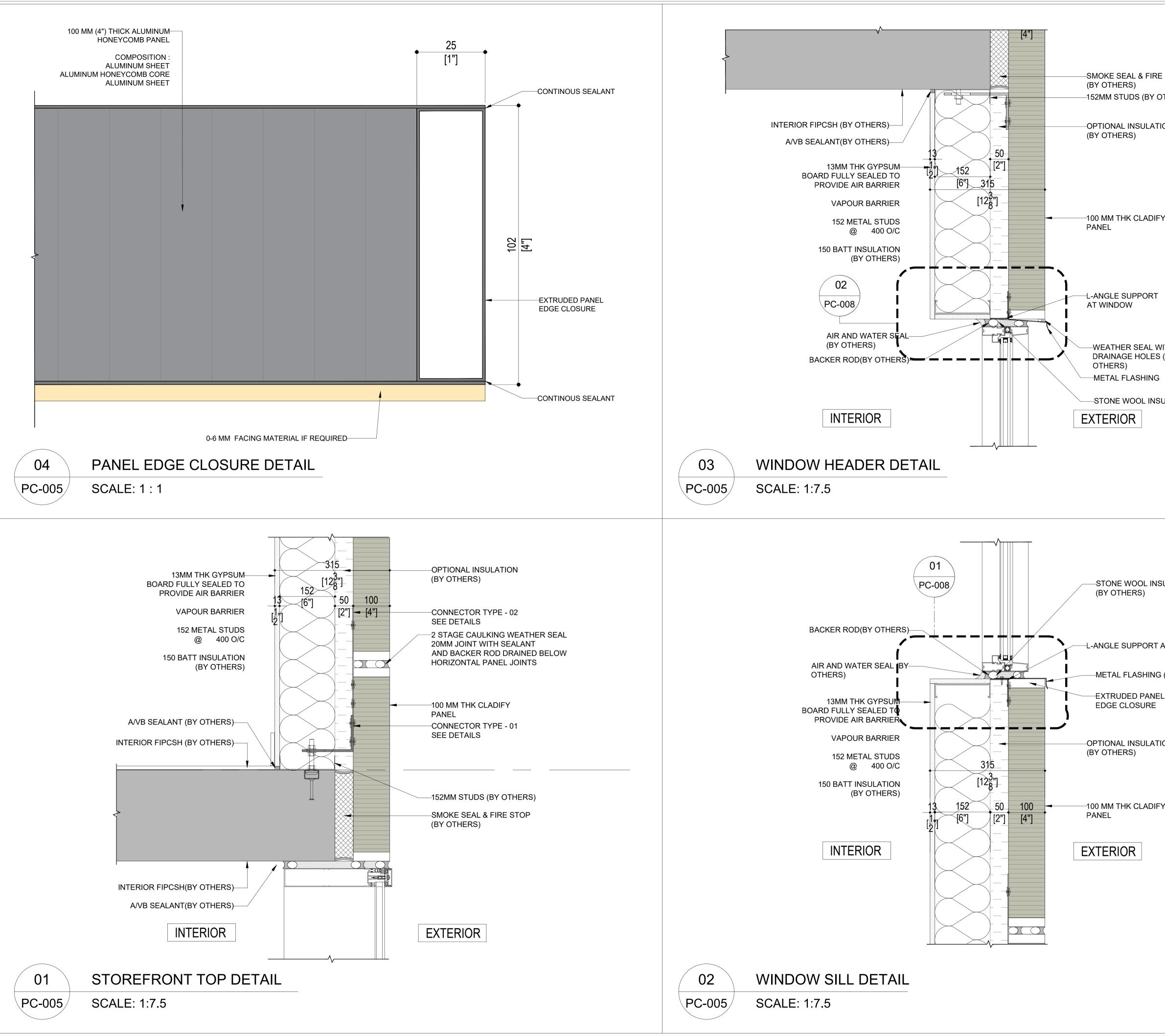
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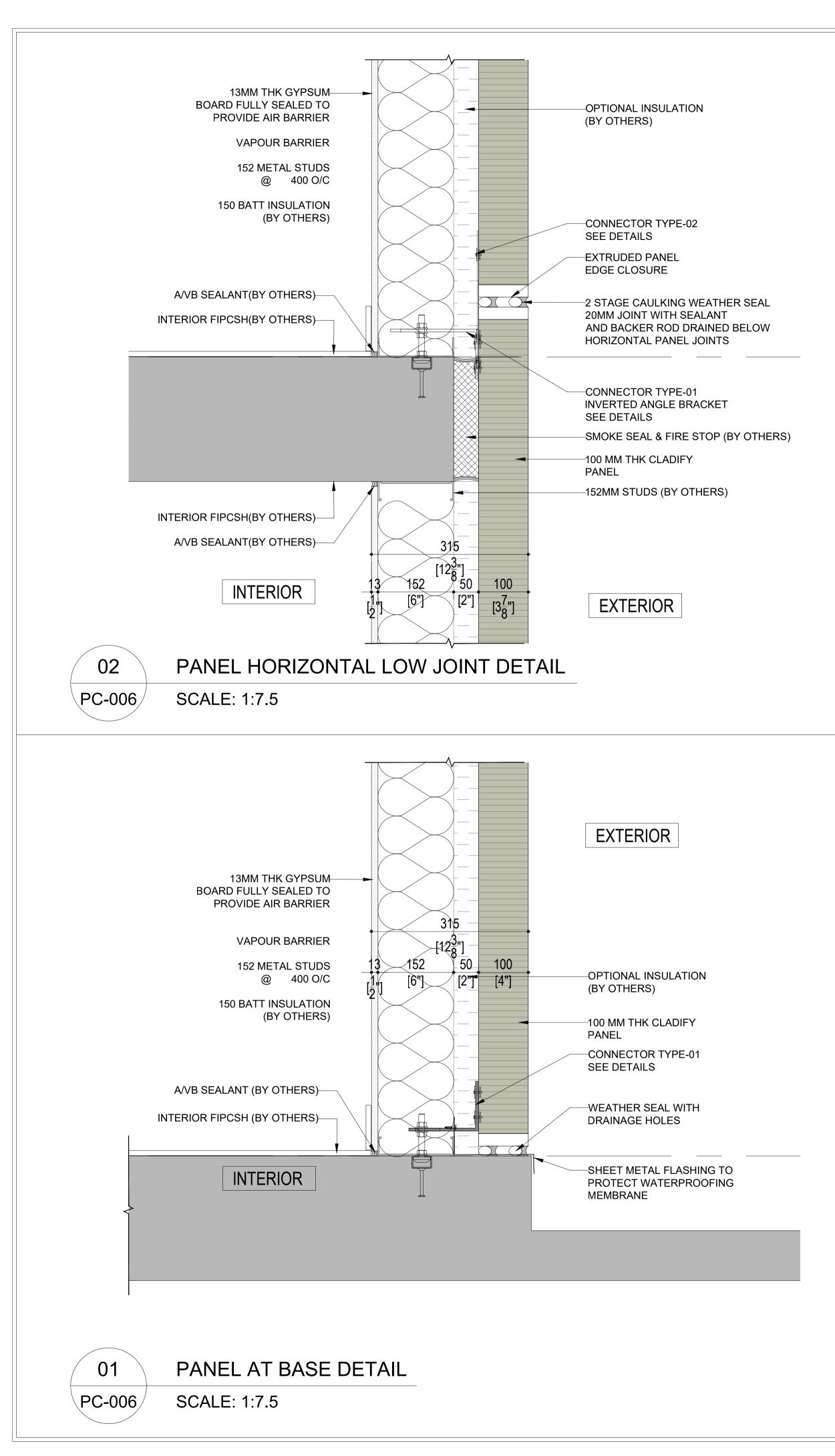
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ECTOR-SEE DETAILS	<ul> <li>NOTE:</li> <li>4. DUE TO THE SIZE OF THE PANELS, THE PRODUCTION MANAGER MAY SUGGEST THICKER ALUMINUM BACKING SYSTEM.</li> <li>5. DUE TO THE SIZE OF THE PANELS, THE REQUIRED TEMPERATURE FOR INSTALLATION IS +12 °C.</li> <li>6. ALL HORIZONTAL AND VERTICAL JOINTS ARE 20mm UNLESS NOTED OTHERWISE. MAKE UP ALONG ENTIRE LENGTH TO ACCOUNT FOR DIMENSIONAL ROUNDING OF INDIVIDUAL STONE LENGTHS.</li> <li>7. SITE CUT STONE TO SUIT CONDITIONS ARE REQUIRED</li> <li>8. DO NOT SCALE DRAWING.</li> <li>9. PANEL SIZE TOLERANCE IS -1-2 INCHES</li> <li>10. DUE TO WALL ASSEMBLY DEPTH, CLADDING SYSTEM MAY VARY.</li> <li>11. SYSTEM SIZE TO BE CONFIRMED.</li> </ul>					
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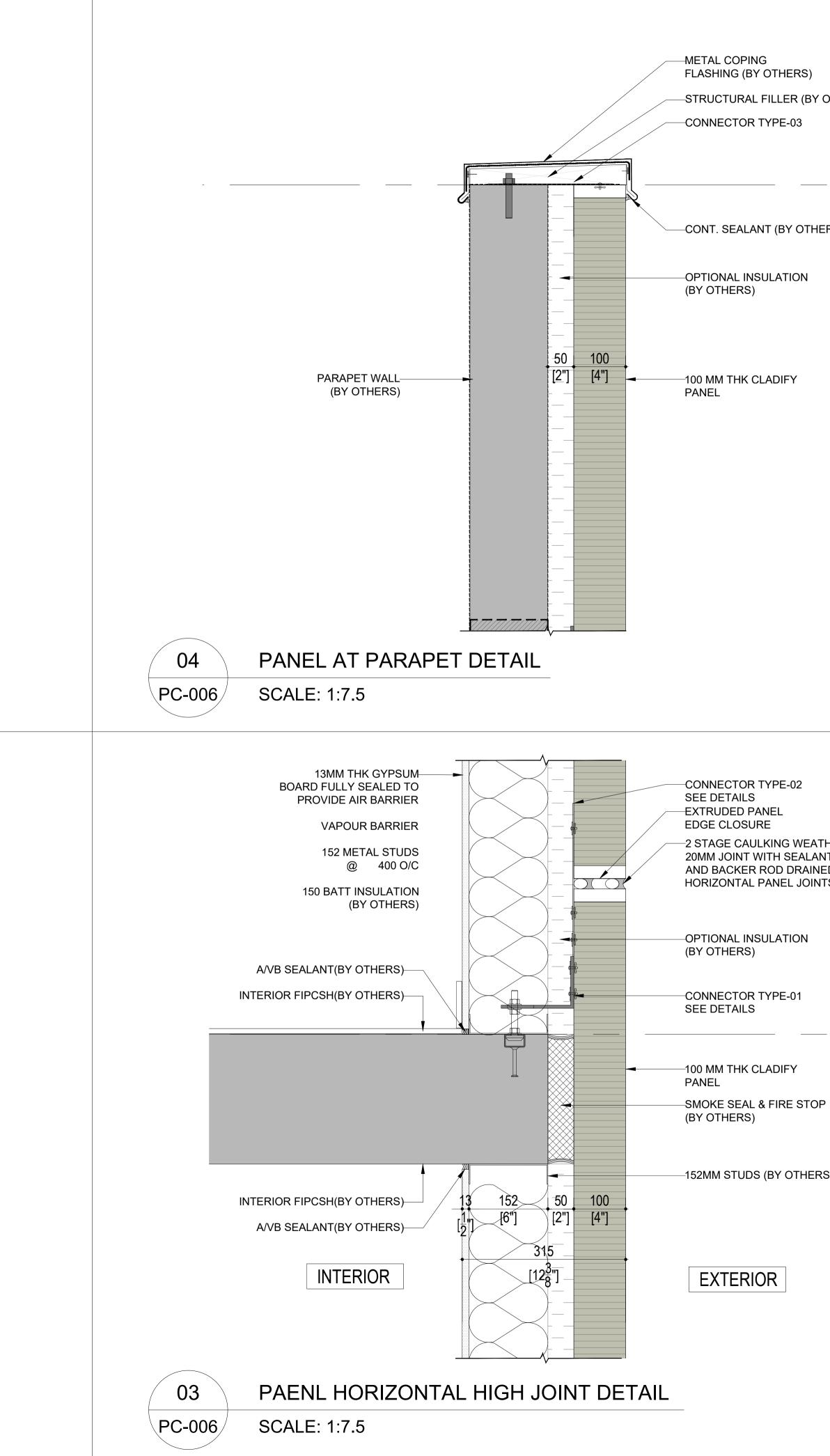


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FΥ	<ul> <li>ALUMINUM HONEY COMB BACKING.</li> <li>NOTE:</li> <li>4. DUE TO THE SIZE OF THE PANELS, THE PRODUCTION MANAGER MAY SUGGEST THICKER ALUMINUM BACKING SYSTEM.</li> <li>5. DUE TO THE SIZE OF THE PANELS, THE REQUIRED TEMPERATURE FOR INSTALLATION IS +12 °C.</li> <li>6. ALL HORIZONTAL AND VERTICAL JOINTS ARE 20 UNLESS NOTED OTHERWISE. MAKE UP ALONG ENTIRE LENGTH TO ACCOUNT FOR DIMENSIONAL ROUNDING OF INDIVIDUAL STONE LENGTHS.</li> <li>7. SITE CUT STONE TO SUIT CONDITIONS ARE REQUIRED</li> <li>8. DO NOT SCALE DRAWING.</li> <li>9. PANEL SIZE TOLERANCE IS -1-2 INCHES</li> <li>10. DUE TO WALL ASSEMBLY DEPTH, CLADDING</li> </ul>				
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	M/E = MITERED EDGE F/O = FACE OF SEAL				
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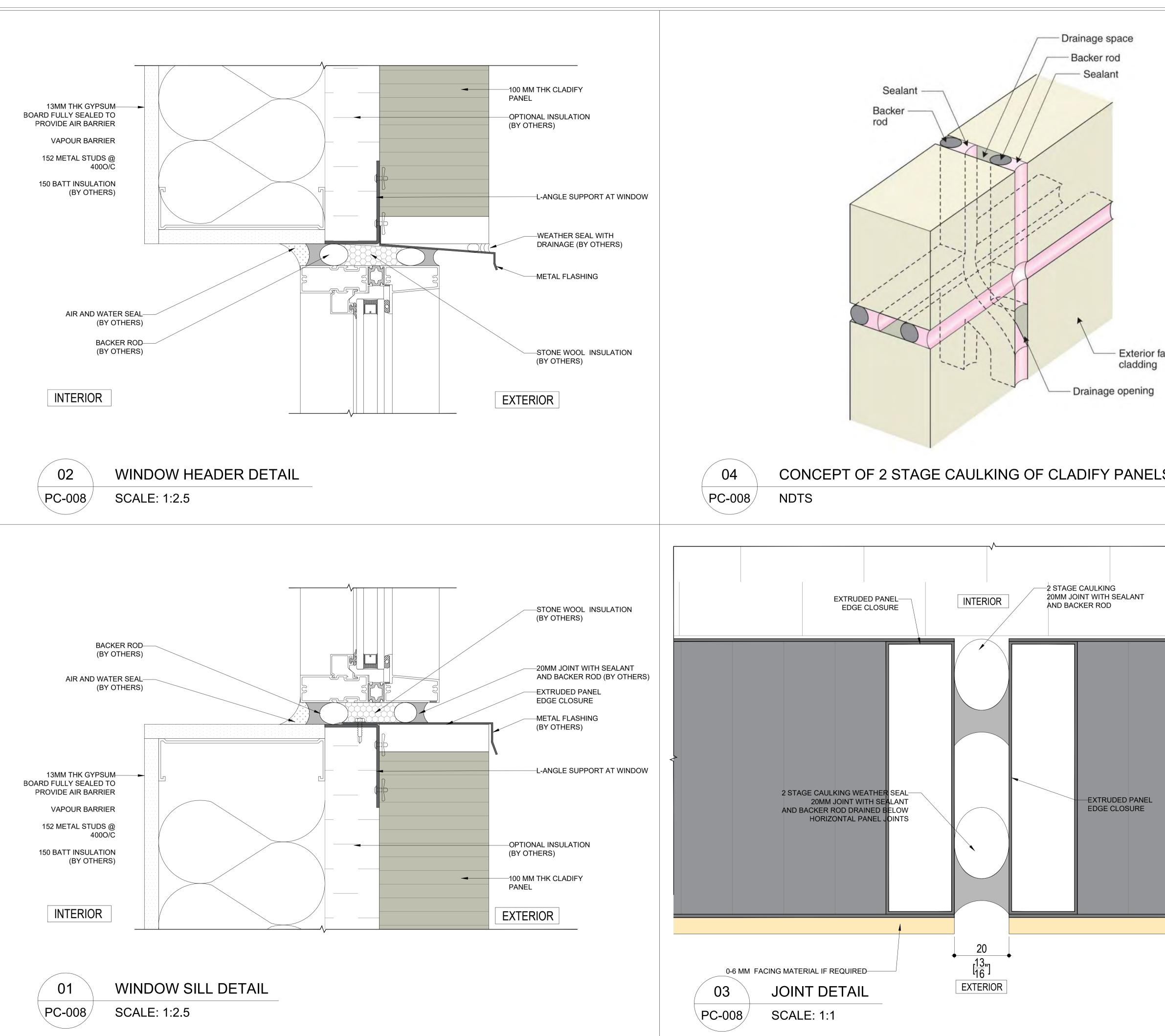


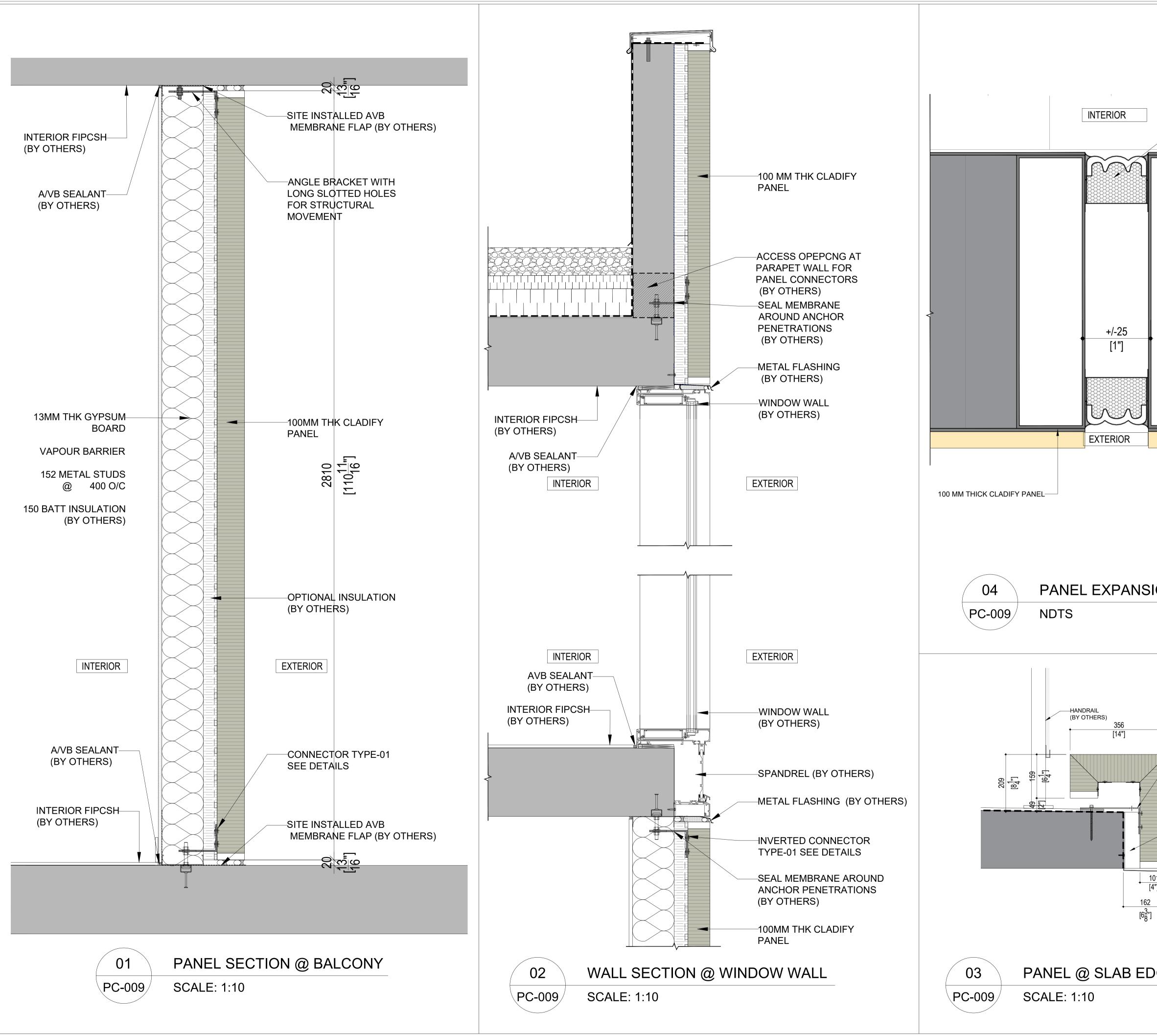


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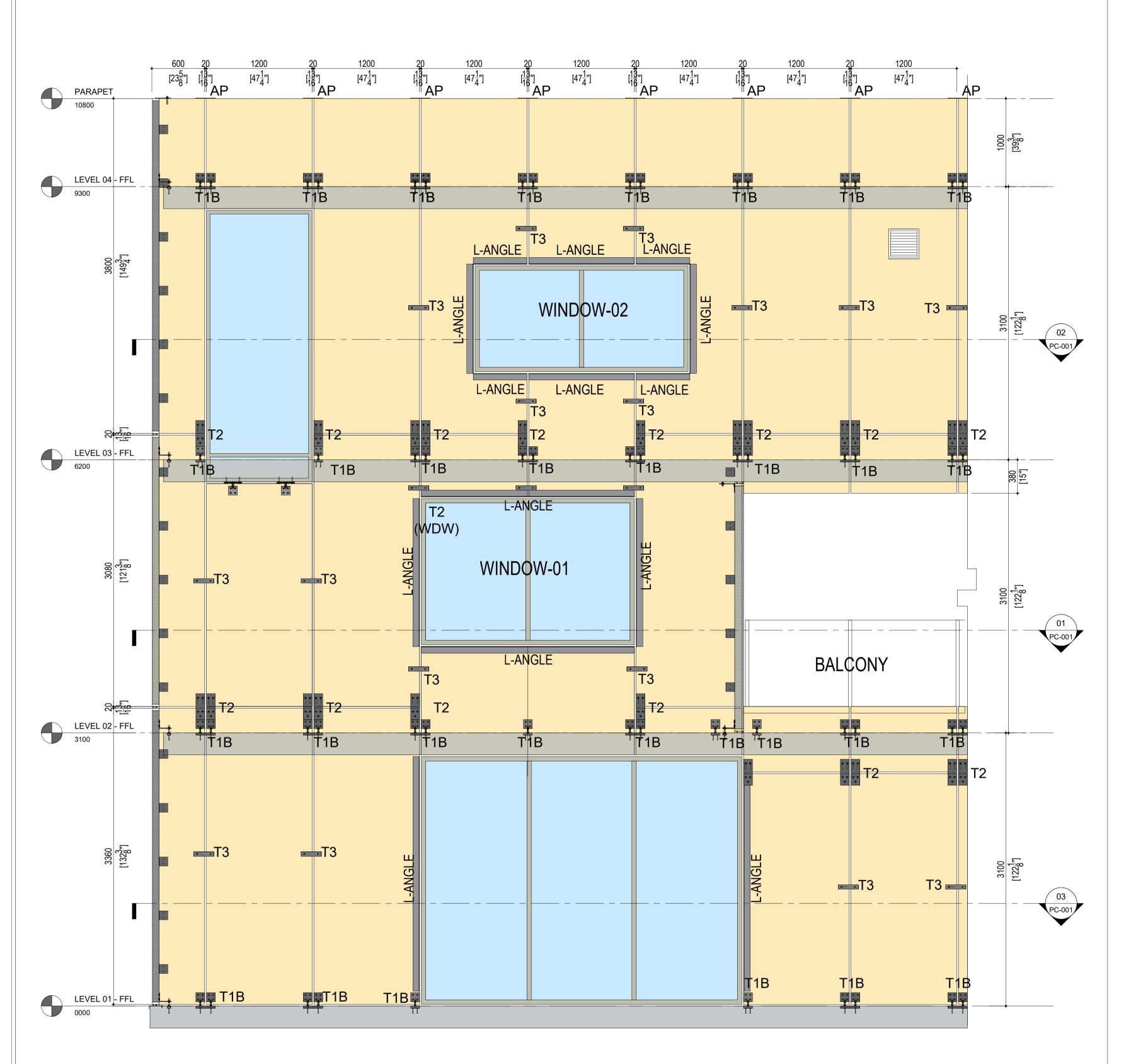


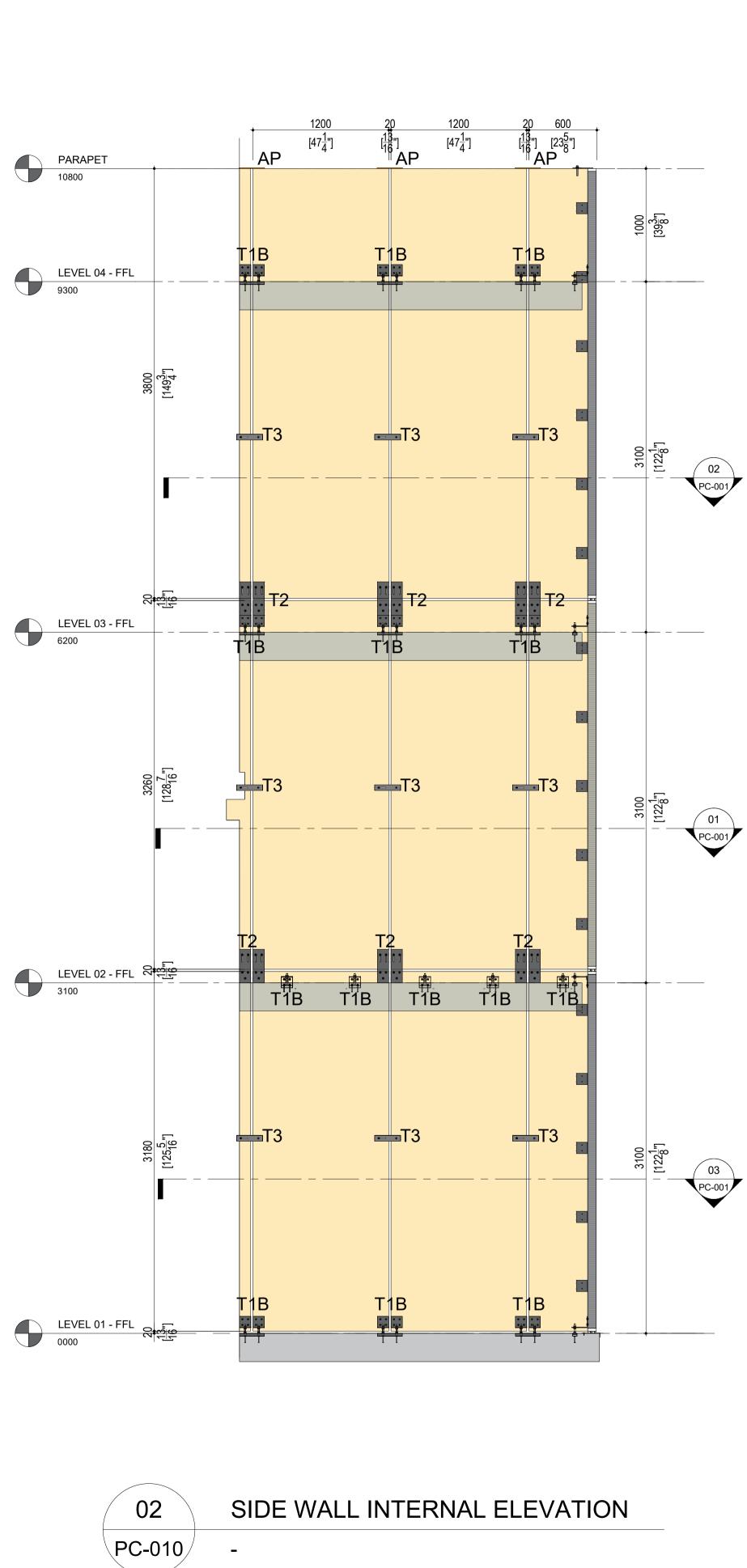
2 STAGE WATERPROOF COMPRESSION SEAL	CONFIDENTIAL: ALL DRAWINGS ARE COPYRIGHT PROPERTY AND OWNED BY CLADIFY. ANY USE OR REPRODUCTION OF THESES DRAWINGS OR THE INFORMATION CONTAINED THEREIN WITHOUT THE EXPRESS WRITTEN PERMISSION OF CLADIFY, IS STRICTLY PROHIBITED. GENERAL NOTES: 1. ALL DIMENSIONS, LEVELS, AND DETAILS WILL BE BASED ON ARCHITECTURAL DRAWINGS ISSUED BY DESIGNER. 2. ALL PANEL SIZES ARE BASED ON THE ARCHITECTURAL DRAWINGS, APPROVED SHOP DRAWINGS, AND SLAB EDGE MEASUREMENTS ISSUED. 3. ALL CLADIFY PANELS ARE PORCELAIN FACING WITH ALLUMINUM HONEY COMB BACKING. NOTE: 4. DUE TO THE SIZE OF THE PANELS, THE PRODUCTION MANAGER MAY SUGGEST THICKER ALLUMINUM BACKING SYSTEM. 5. DUE TO THE SIZE OF THE PANELS, THE REQUIRED TEMPERATURE FOR INSTALLATION IS +12 °C. 6. ALL HORIZONTAL AND VERTICAL JOINTS ARE 20mm UNLESS NOTED OTHERWISE. MAKE UP ALONG ENTIRE LENGTH TO ACCOUNT FOR DIMENSIONAL ROUNDING OF INDIVIDUAL STONE LENGTHS. 7. SITE CUT STONE TO SUIT CONDITIONS ARE REQUIRED 8. DO NOT SCALE DRAWING. 9. PANEL SIZE TOLERANCE IS -1-2 INCHES 10. DUE TO WALL ASSEMBLY DEPTH, CLADDING SYSTEM MAY VARY. 11. SYSTEM SIZE TO BE CONFIRMED. 12. PENETRATIONS TO BE SEALED ABBREVIATIONS: CL = CLADIFY F/O = TOP OF C/O = CORNER OF
	B/O = BOTTOM OFTYP. = TYPICALREF. = REFERENCE/REFERSIM. = SIMILARM/E = MITERED EDGEF/O = FACE OF
100 MM THICK CLADIFY PANEL	SEAL
	0     2023-08-22     INITIAL SHOP DRAWINGS       REV.     YY-MM-DD     DESCRIPTION
01 100 MM THK CLADIFY PANEL L-METAL PLATE GALVAPCZED STEEL WITH WEEPHOLES 9 2-BAR- BACK SUPPORT 01 METAL FLASHING BY OTHERS	ARCHITECT - CLIENT - PROJECT TITLE CladiCast LIGHT WEIGHT PRECAST SOLUTION SHEET TITLE DETAILS INFORMATION DATE: 2023-08-22 SCALE: AS INDICATED DATE: 2023-08-22 SCALE: AS INDICATED DATE: AS INDICATED AS INDICATED DATE: AS INDICATED AS INTERNA AS INDICATED AS INTERNA AS INTERN

FRONT WALL INTERNAL ELEVATION

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PC-010





**DRAWING NO:** 

DATE: 2023-08-22 SCALE: AS INDICATED DRAWN BY: GC MEASURED BY: CHECKED BY: AR / AS

INTERNAL WALL ELEVATIONS

SHEET TITLE

INFORMATION

# CladiCast LIGHT WEIGHT PRECAST SOLUTION

PC-010

## PROJECT TITLE

## CLIENT

## ARCHITECT

CL = CLADIFY T/O = TOP OF B/O = BOTTOM OF REF. = REFERENCE/REFER M/E = MITERED EDGE					
SEAL					
0	2023-08-22	INITIAL SHOP DRAWINGS			
REV.	YY-MM-DD	DESCRIPTION			

E/O = END OF C/O = CORNER OF

**ABBREVIATIONS:** 

- 11. SYSTEM SIZE TO BE CONFIRMED. 12. PENETRATIONS TO BE SEALED
- 10. DUE TO WALL ASSEMBLY DEPTH, CLADDING SYSTEM MAY VARY.
- 9. PANEL SIZE TOLERANCE IS -1-2 INCHES
- REQUIRED 8. DO NOT SCALE DRAWING.
- ROUNDING OF INDIVIDUAL STONE LENGTHS. 7. SITE CUT STONE TO SUIT CONDITIONS ARE
- UNLESS NOTED OTHERWISE. MAKE UP ALONG ENTIRE LENGTH TO ACCOUNT FOR DIMENSIONAL
- 5. DUE TO THE SIZE OF THE PANELS, THE REQUIRED TEMPERATURE FOR INSTALLATION IS +12 °C. 6. ALL HORIZONTAL AND VERTICAL JOINTS ARE 20mm
- PRODUCTION MANAGER MAY SUGGEST THICKER ALUMINUM BACKING SYSTEM.
- NOTE: 4. DUE TO THE SIZE OF THE PANELS, THE
- ISSUED. 3. ALL CLADIFY PANELS ARE PORCELAIN FACING WITH ALUMINUM HONEY COMB BACKING.
- DRAWINGS, AND SLAB EDGE MEASUREMENTS
- DESIGNER. 2. ALL PANEL SIZES ARE BASED ON THE ARCHITECTURAL DRAWINGS, APPROVED SHOP
- BASED ON ARCHITECTURAL DRAWINGS ISSUED BY

## GENERAL NOTES: 1. ALL DIMENSIONS, LEVELS, AND DETAILS WILL BE

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