

CLADIFY / MITREX

41 RACINE ROAD

CLIENT:

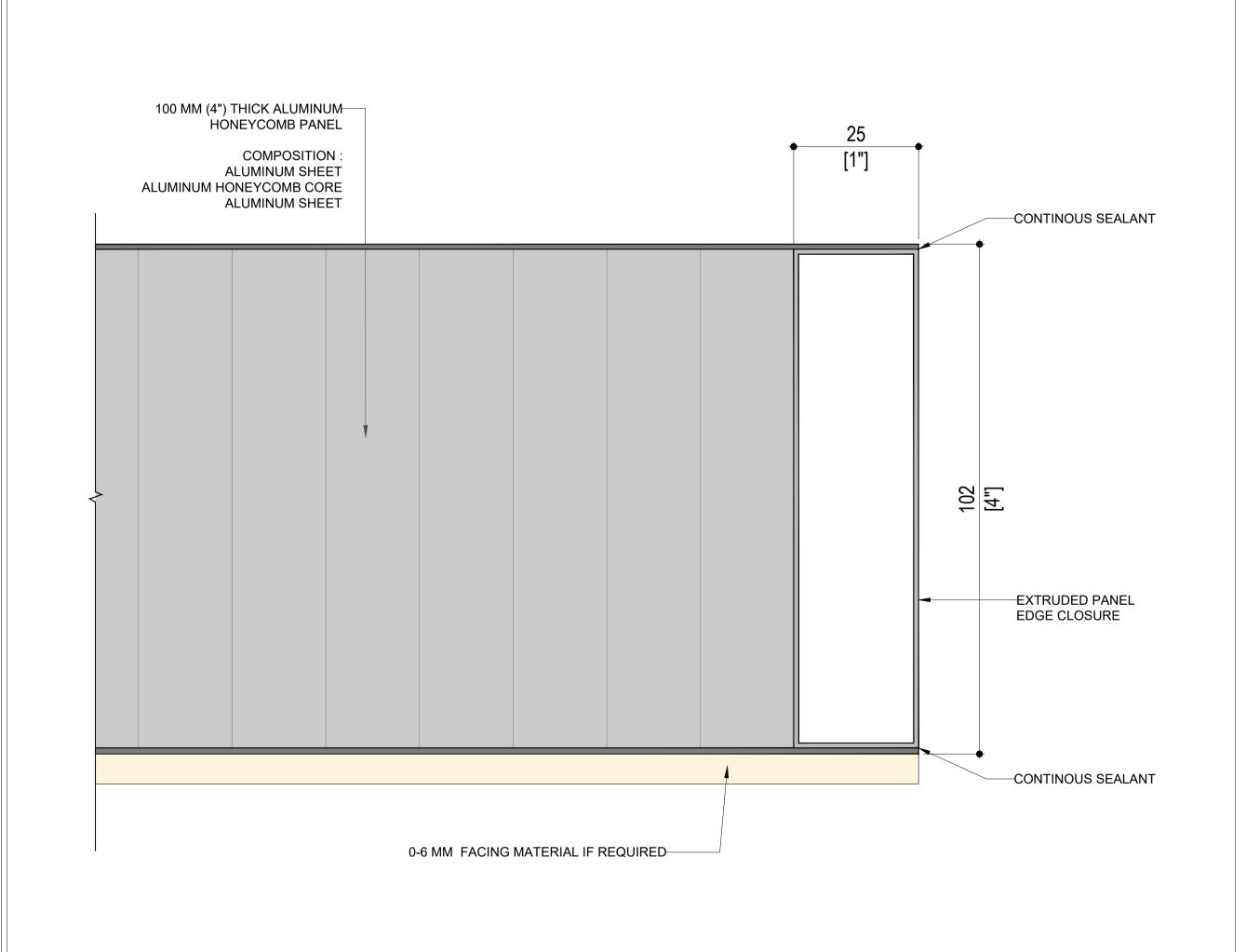
CLADIFY / MITREX

ARCHITECT:

# Claditized CLADIFY / MITREX LIGHT WEIGHT PRECAST SOLUTION

APRIL 01, 2024

PRECAST PANEL WEIGHT	
PANEL THICKNESS	PANEL WEIGHT / SQ.FT.
4" THICK (NO FACING MATERIAL)	2.35 LBS / SQ.FT.



EXTRUDED PANEL-**EDGE CLOSURE** 100 MM (4") THICK ALUMINUM-HONEYCOMB PANEL COMPOSITION: **ALUMINUM SHEET** ALUMINUM HONEYCOMB CORE **ALUMINUM SHEET** -0-6 MM FACING MATERIAL IF REQUIRED 100 MM (4") THICK ALUMINUM-**HÓNEYCOMB PANEL** COMPOSITION: **ALUMINUM SHEET** ALUMINUM HONEYCOMB CORE **ALUMINUM SHEET** ─0-6 MM FACING MATERIAL IF REQUIRED EXTRUDED PANEL-**EDGE CLOSURE** HONEYCOMB PANEL SECTION PC-A SCALE: 1:2

4" THK HONEYCOMB

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CLADITIZED
LIGHT WEIGHT PRECAST SOLUTION

REV. YY-MM-DD DESCRIPTION

SHEET TITLE

**ARCHITECT** 

CLIENT

PRECAST PANEL

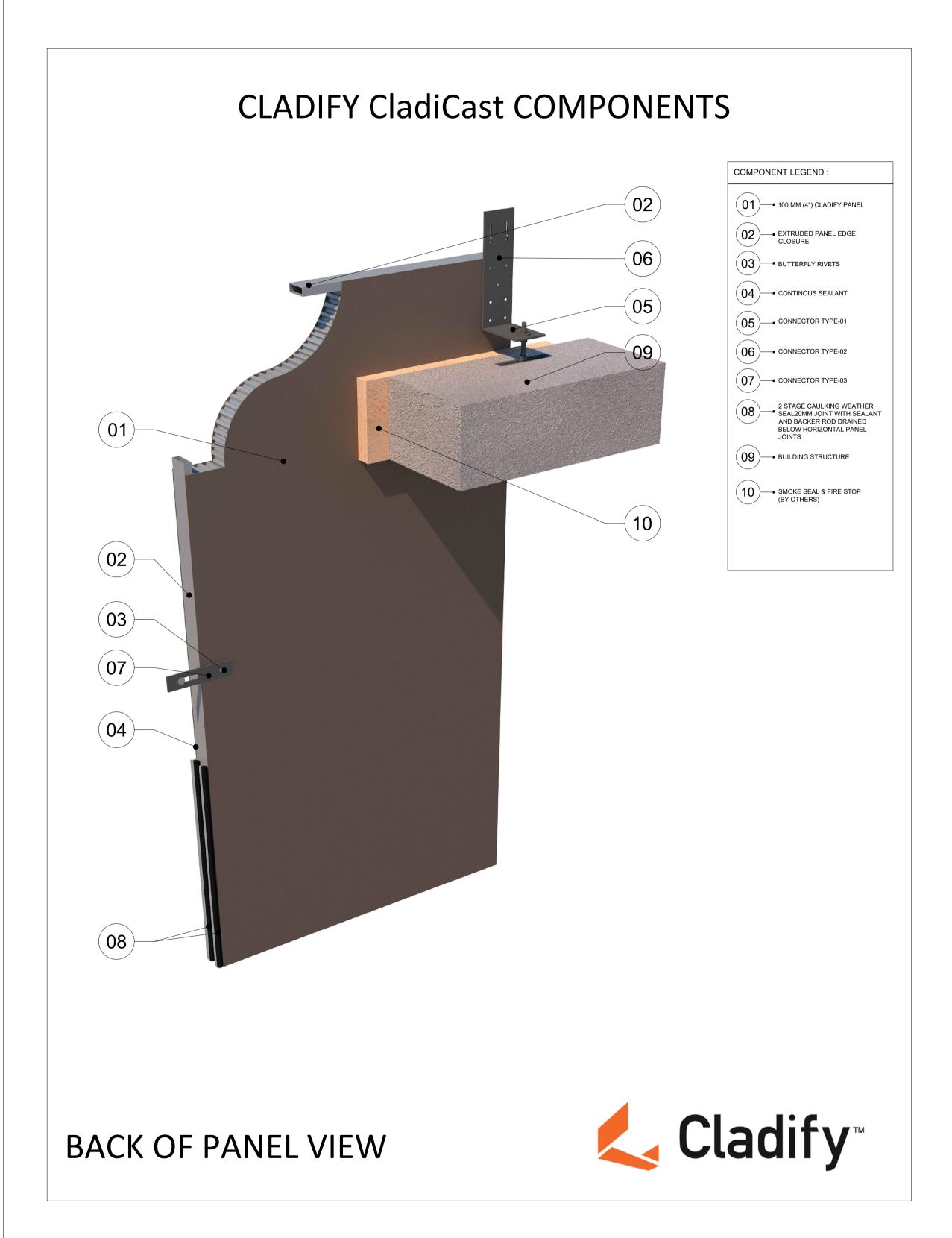
INFORMATION

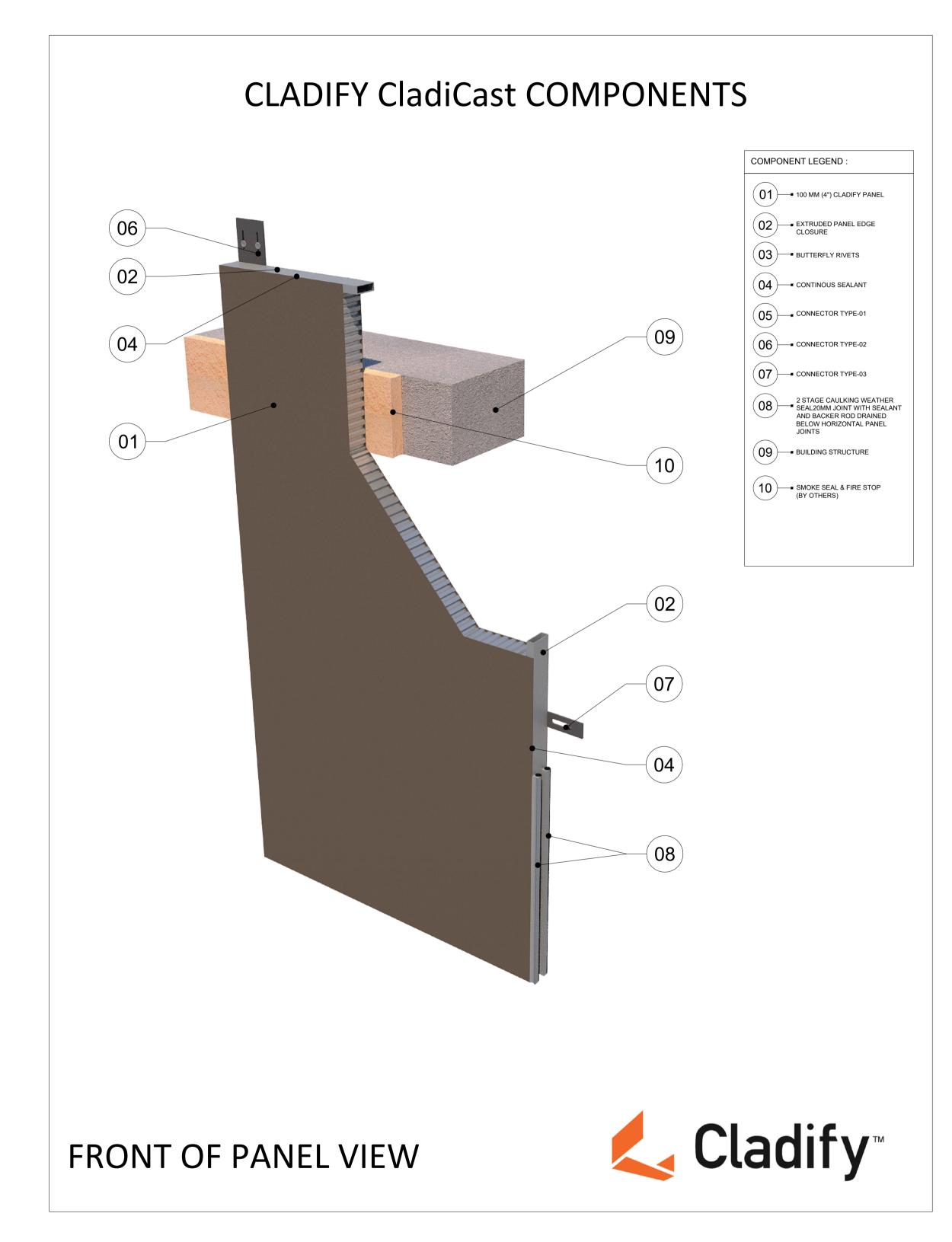
DATE: 2024-04-01
SCALE: AS INDICATED
DRAWN BY: GC
MEASURED BY:
CHECKED BY: AR

DRAWING NO:

PC-A

01 4" HONEYCOMB PANEL COMPONENTS
PC-A SCALE: 1: 1









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**ARCHITECT** 

CLIENT

PROJECT TITLE

**CLADITIZED** LIGHT WEIGHT PRECAST SOLUTION

**SHEET TITLE** 

**CLADIFY PANEL COMPONENTS** 

DRAWN BY: GC MEASURED BY: CHECKED BY: AR

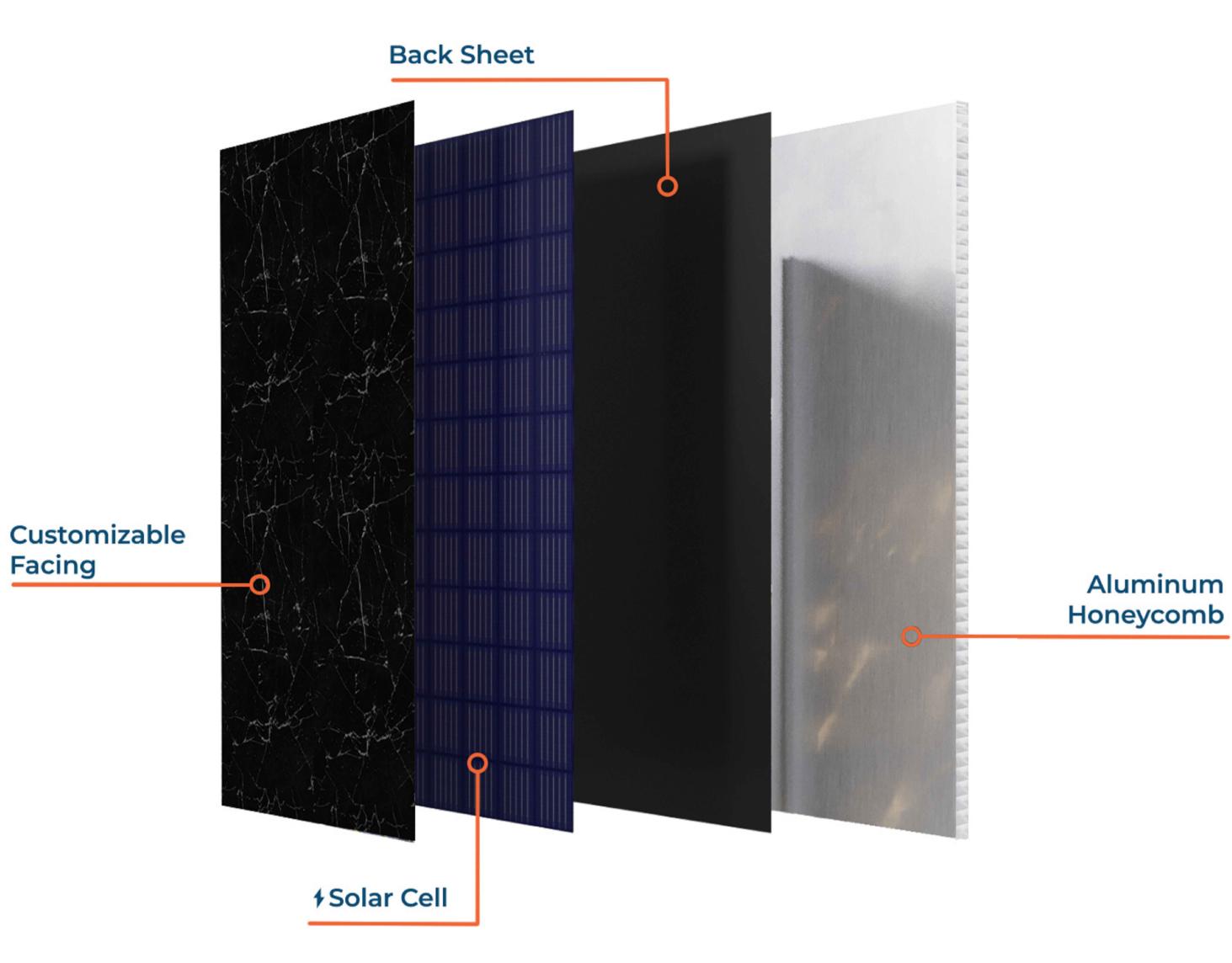
DRAWING NO:

PC-B

**CLADIFY PANEL COMPONENTS** PC-B

# **CLADIFY PANEL COMPOSITION:**

# MITREX PANEL COMPOSITION:



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# SEAL

Aluminum

FOR COMPLETE

BIPV FINISHES

OPTIONS:

# REV. YY-MM-DD DESCRIPTION

# **ARCHITECT**

# CLIENT

# PROJECT TITLE

# **CLADITIZED** LIGHT WEIGHT PRECAST SOLUTION

# SHEET TITLE

# ARCHITECTURAL FINISHES

# INFORMATION

SCALE: AS INDICATED DRAWN BY: GC MEASURED BY: CHECKED BY: AR

DRAWING NO:

PC-C

# INTERCHANGEABLE ARCHITECTURAL FINISHES

NATURAL STONE FACING



**Facing** 

**Material** 



PORCELAIN FACING

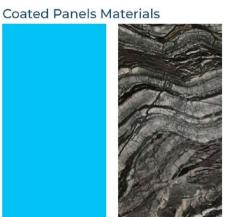
**Back Panel** 

(Aluminum Honeycomb)

BRICK FACING

**Facing** 

PAINTED/COATED METAL FACING



FOR COMPLETE ARCHITECTURAL FINISHES OPTIONS:



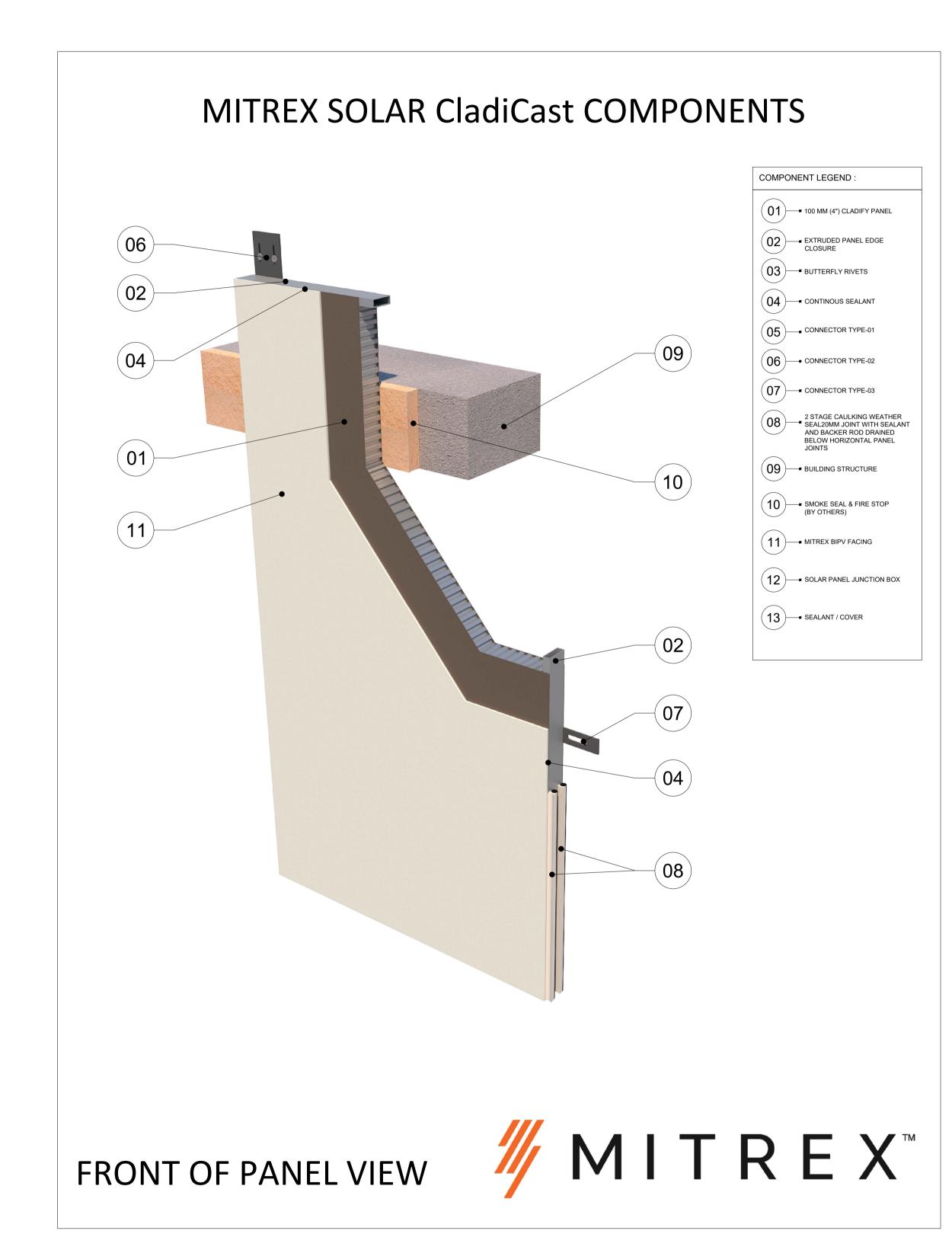
MITREX BIPV FACING















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MITREX PANEL COMPONENTS

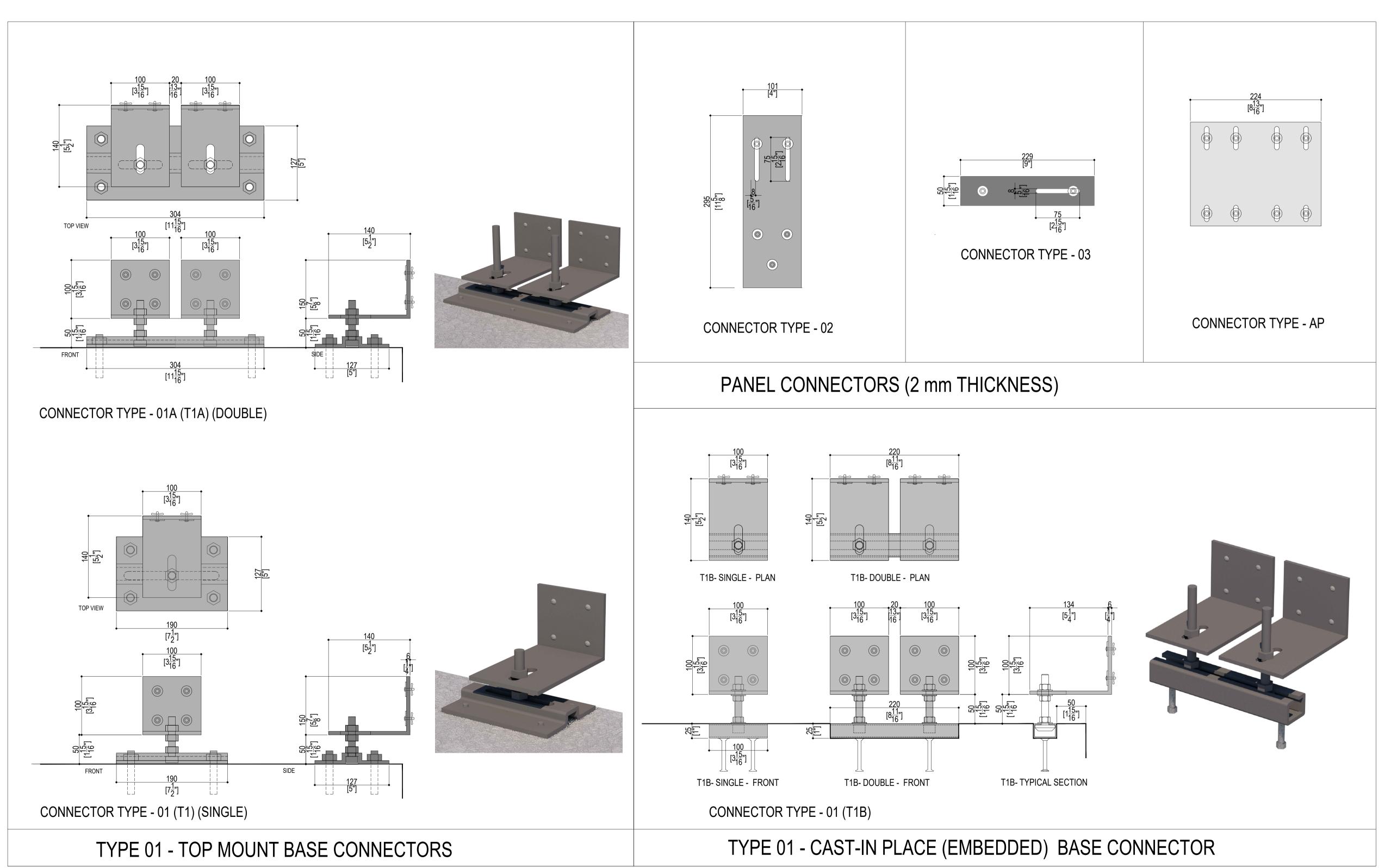
DRAWN BY: GC

**DRAWING NO:** 

PC-D

MITREX PANEL COMPONENTS

PC-D







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LIGHT WEIGHT PRECAST SOLUTION

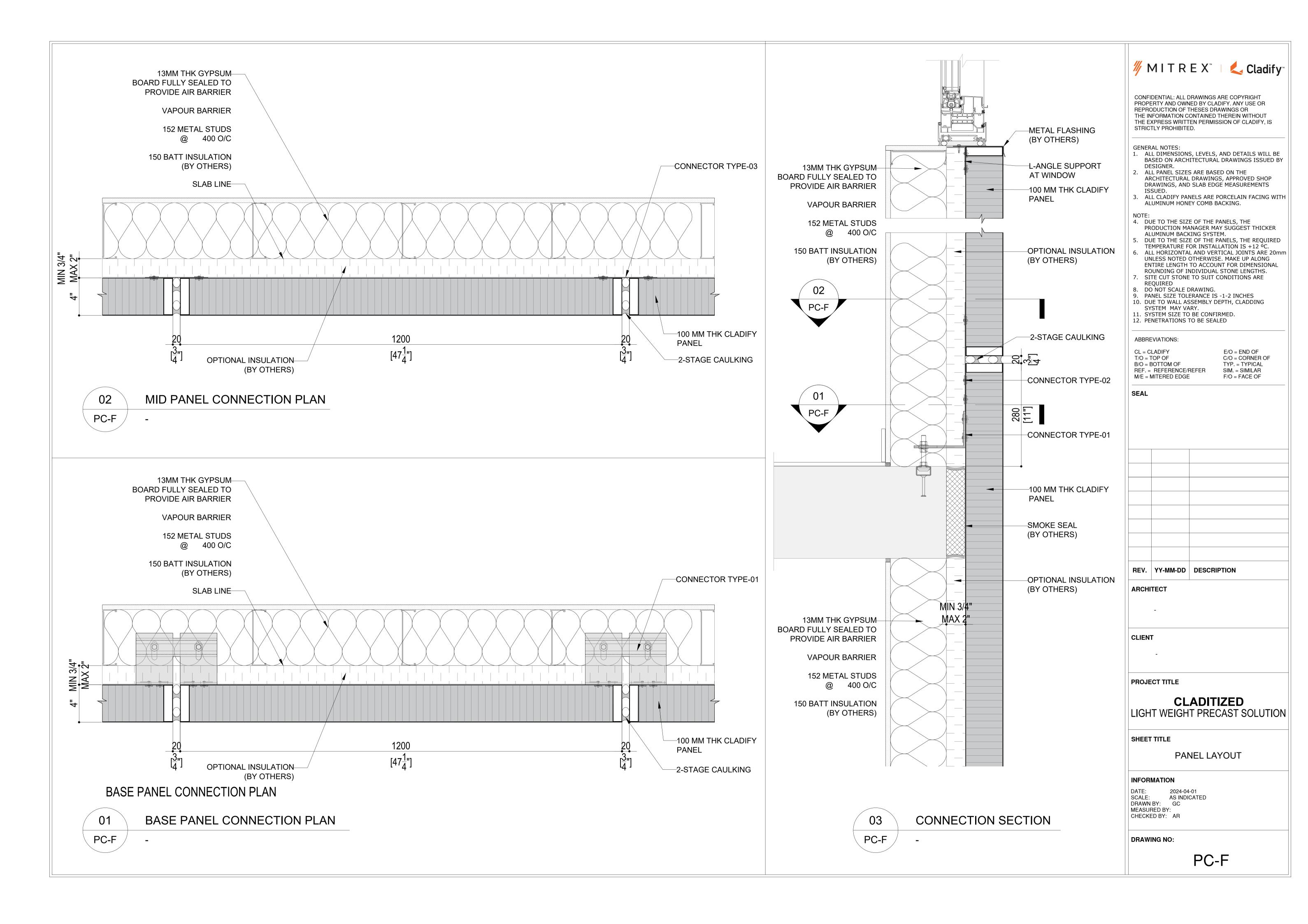
SHEET TITLE

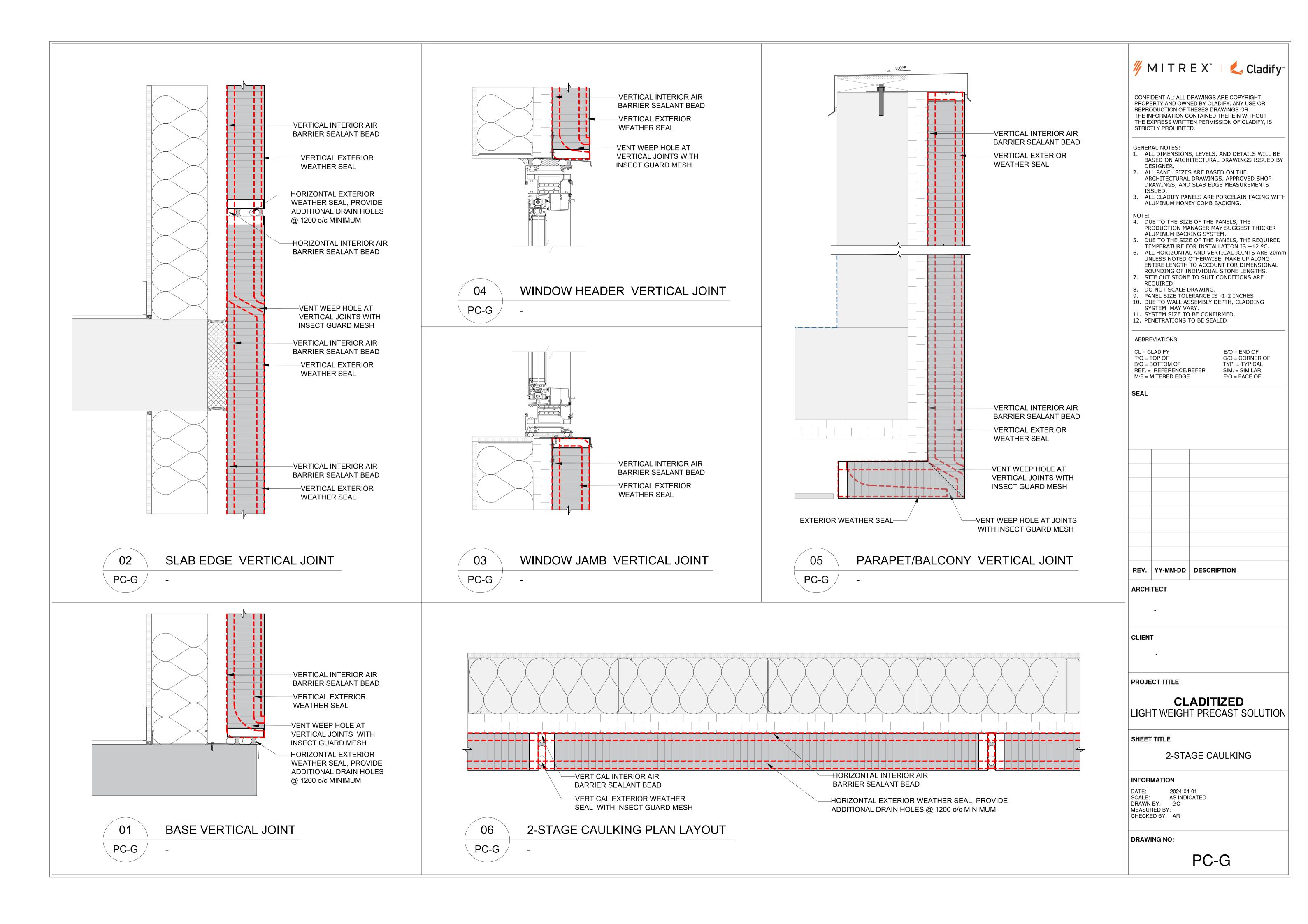
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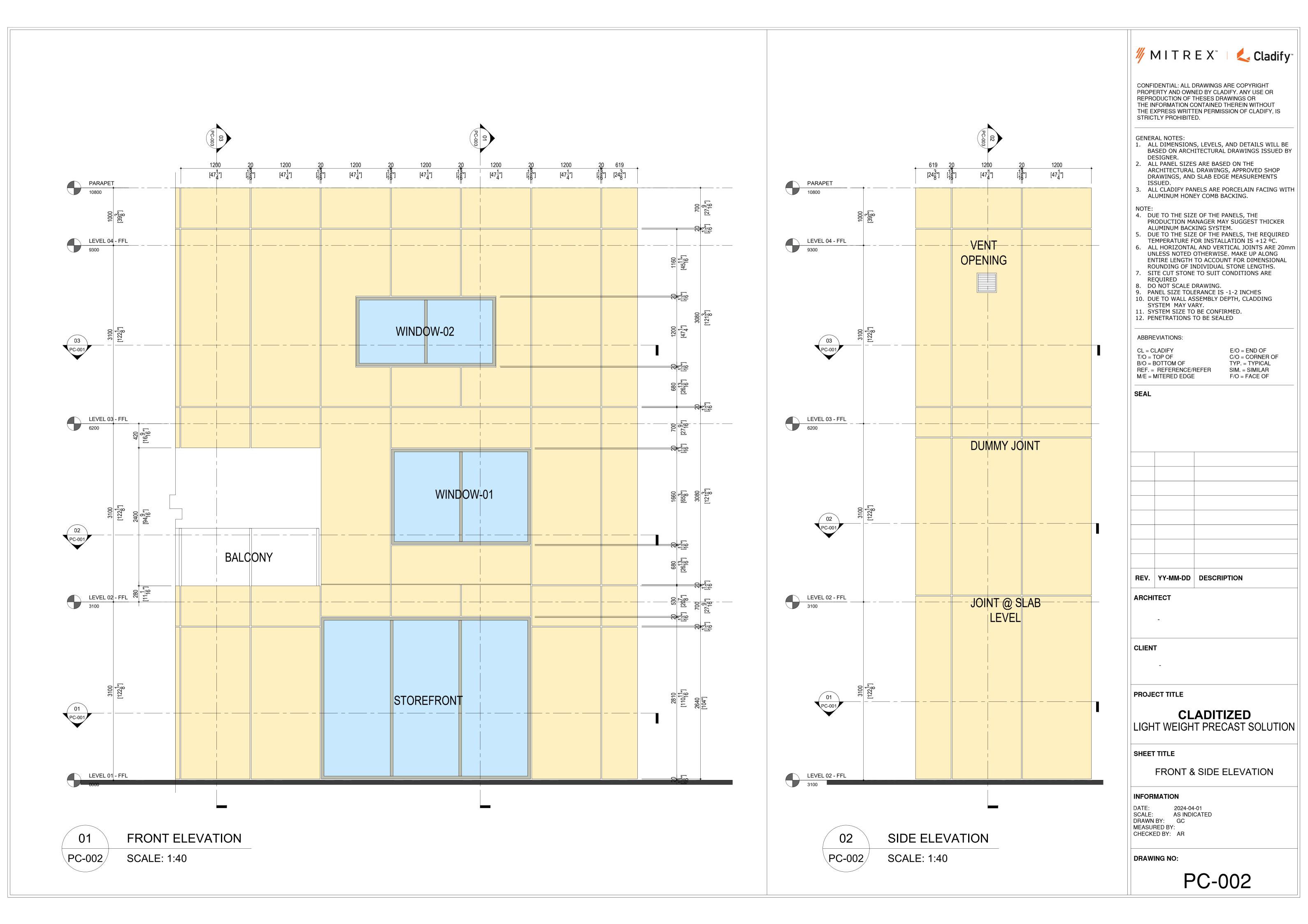
DATE: 2024-04-01 SCALE: AS INDICATED DRAWN BY: GC MEASURED BY: CHECKED BY: AR

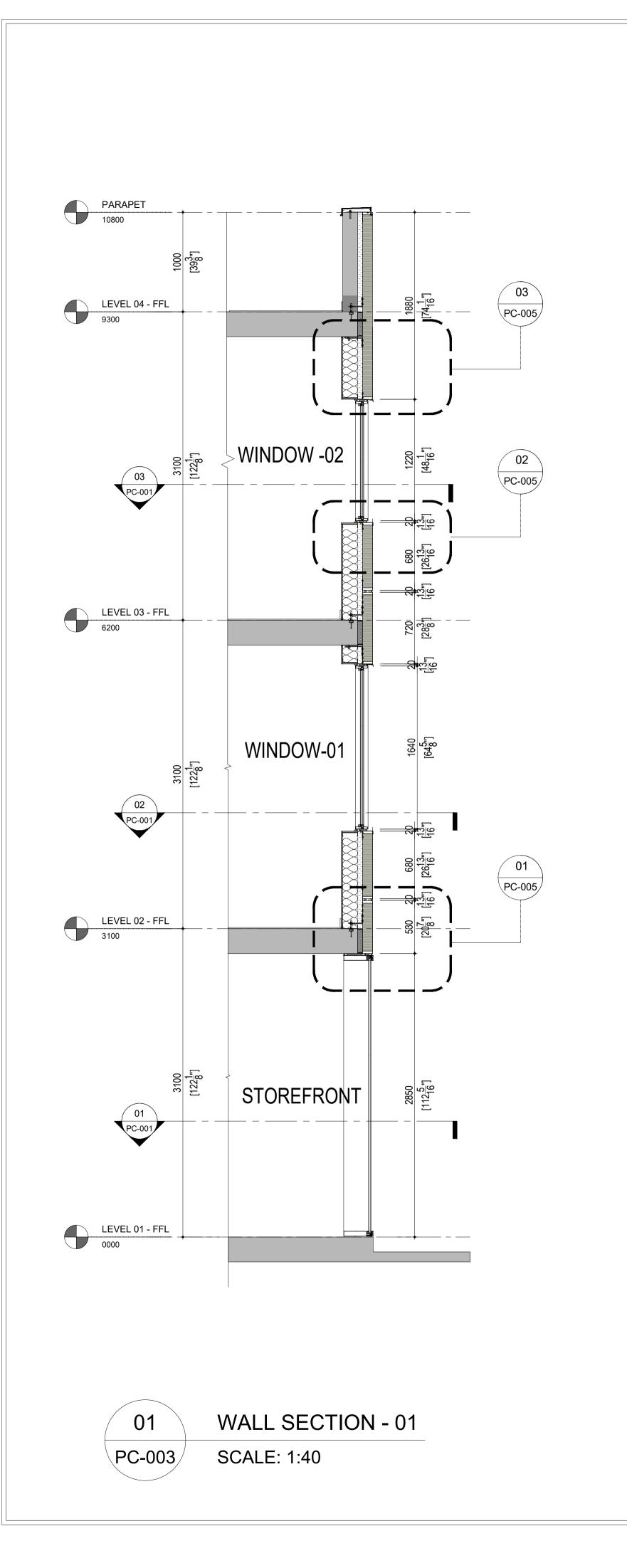
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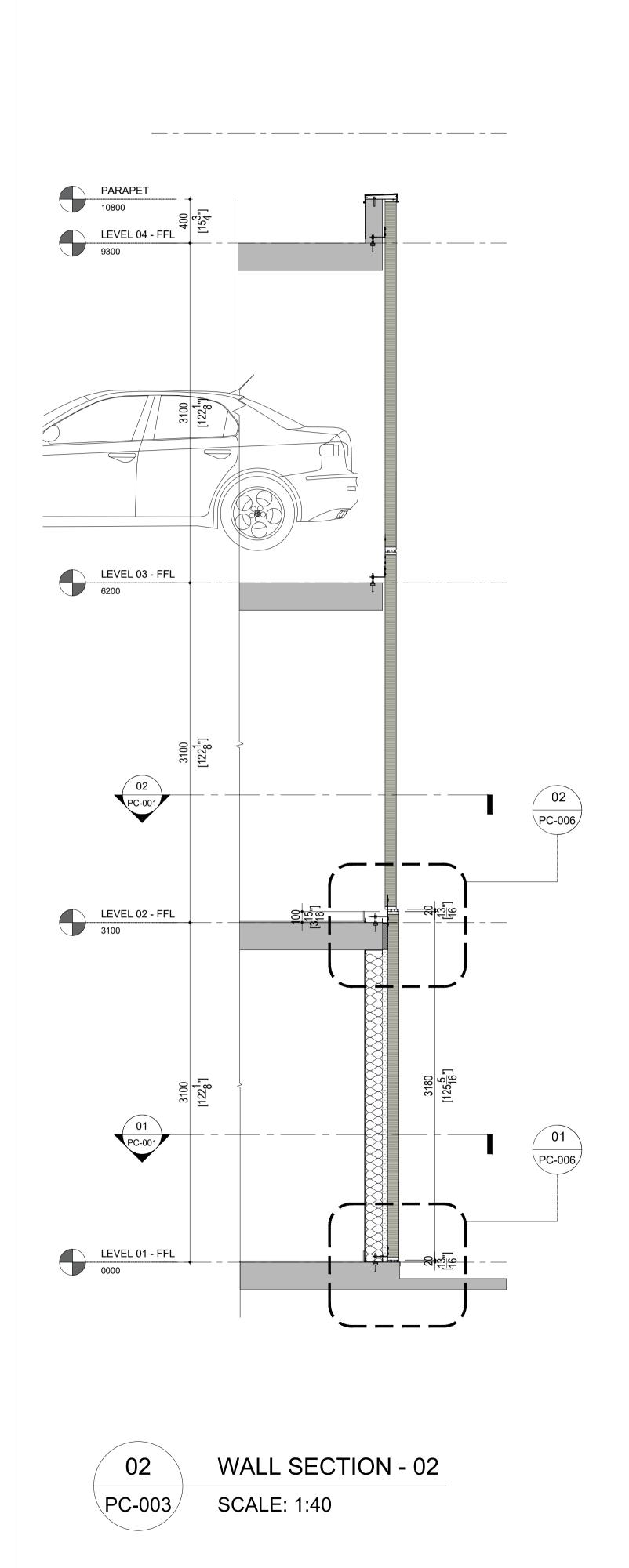
PC-E

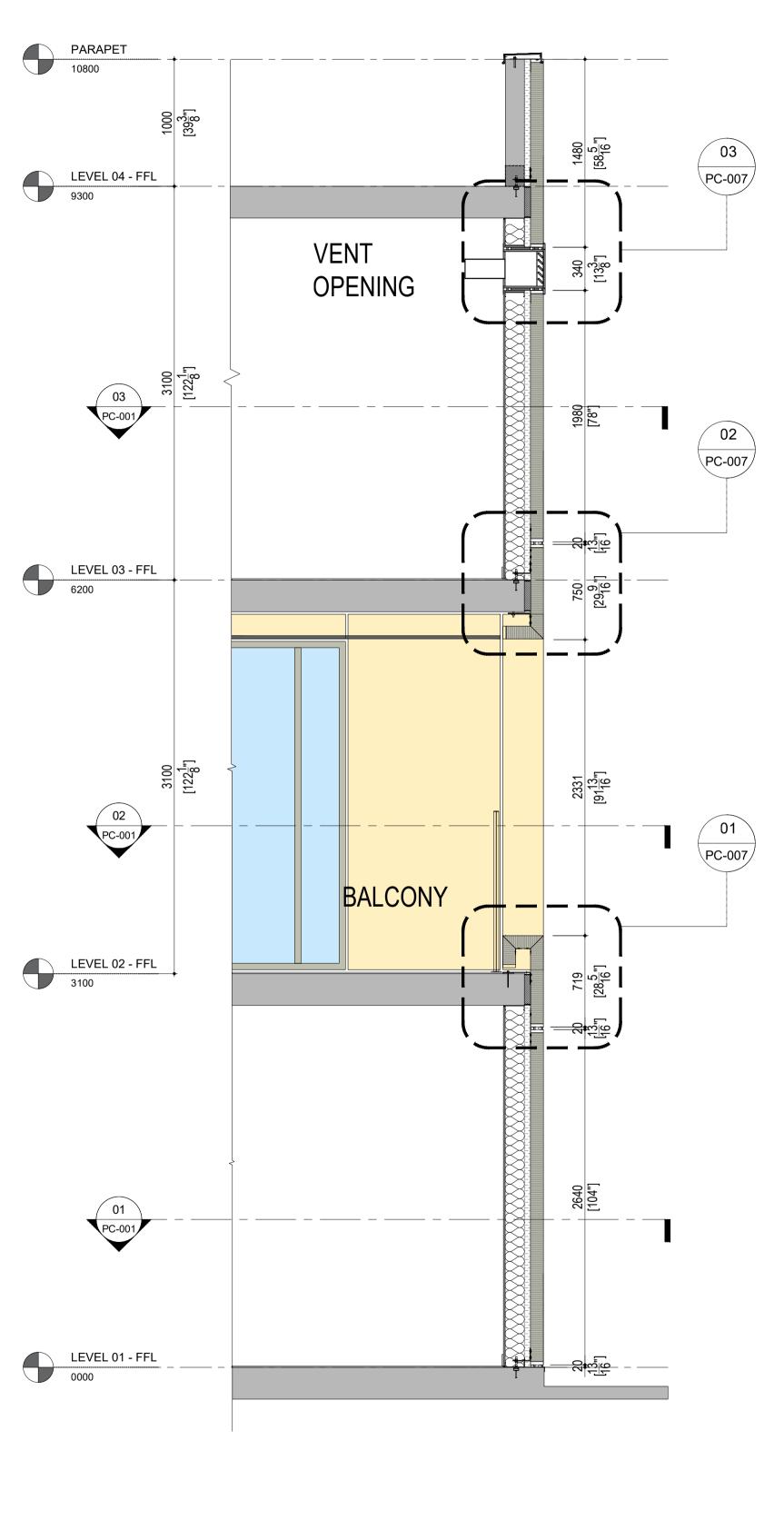








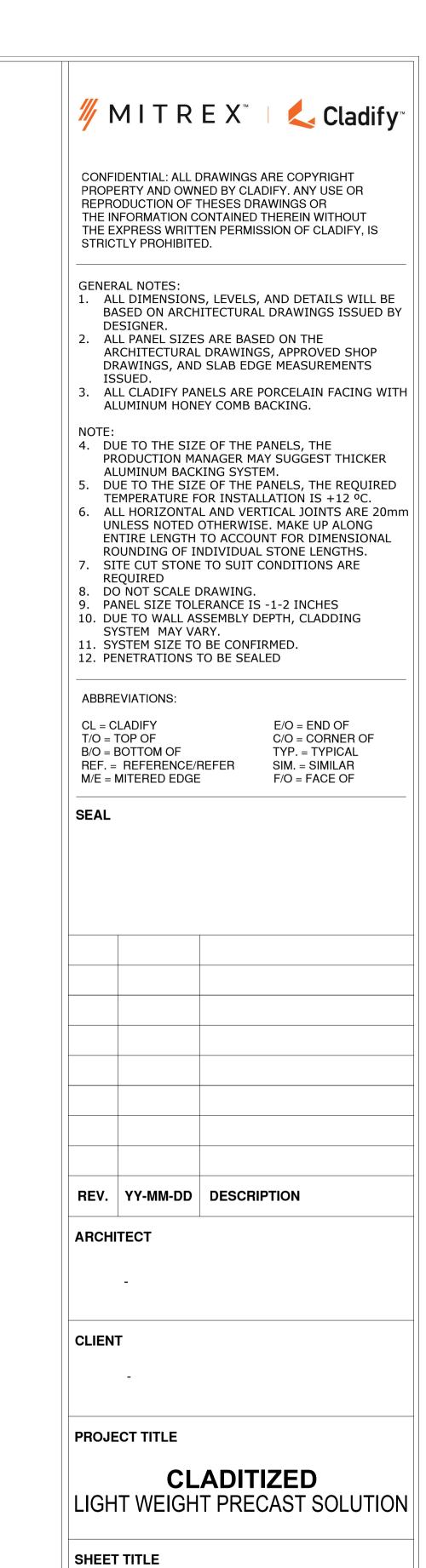




WALL SECTION - 03

SCALE: 1:40

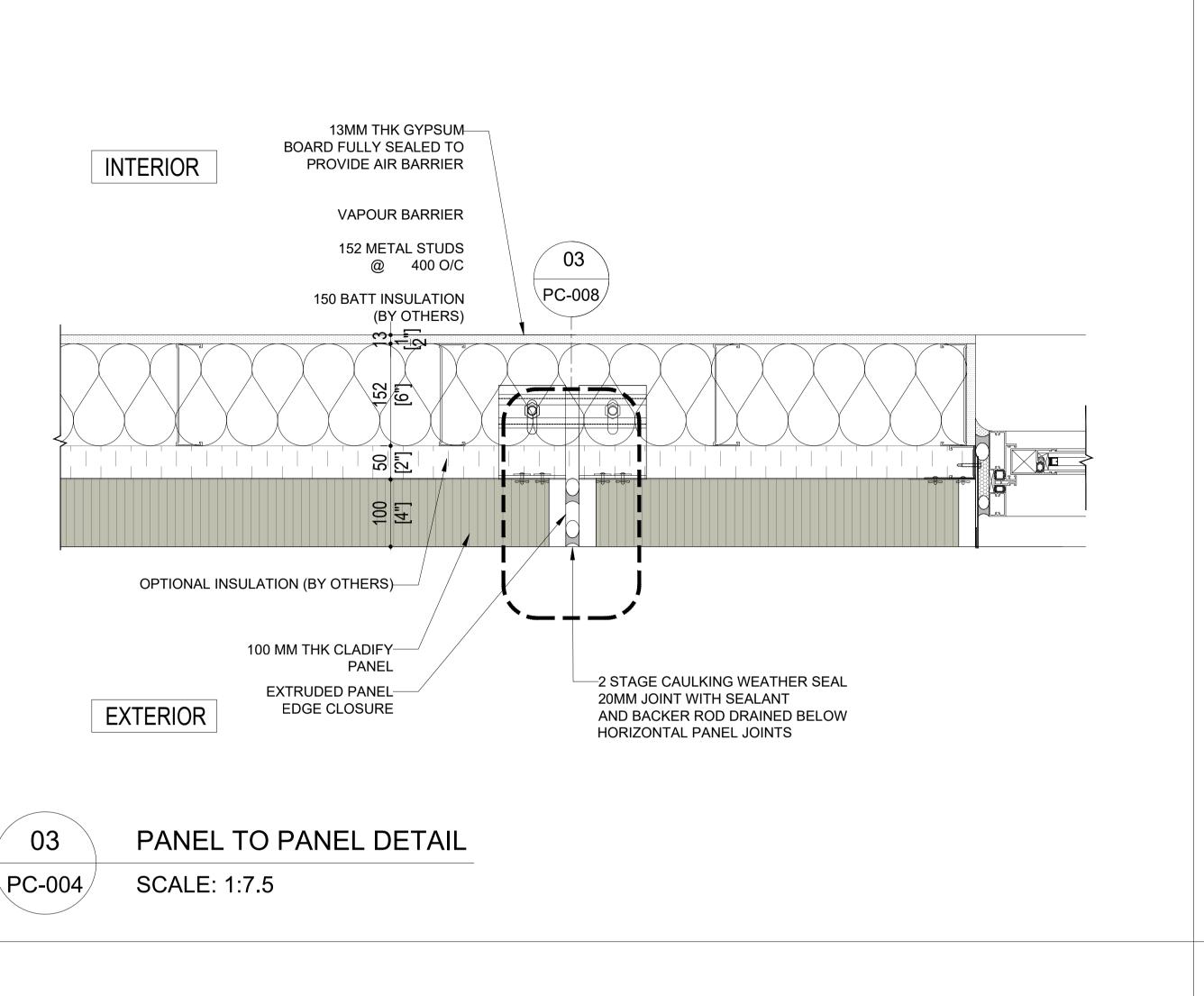
PC-003



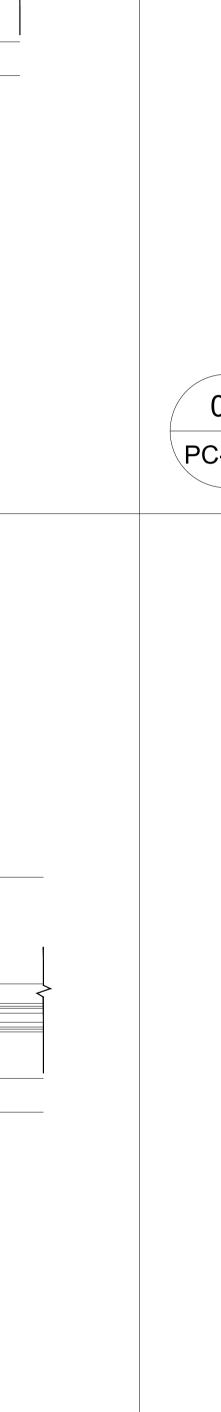
WALL SECTIONS

2024-04-01
SCALE: AS INDICATED
DRAWN BY: GC
MEASURED BY:
THECKED BY

**DRAWING NO:** 

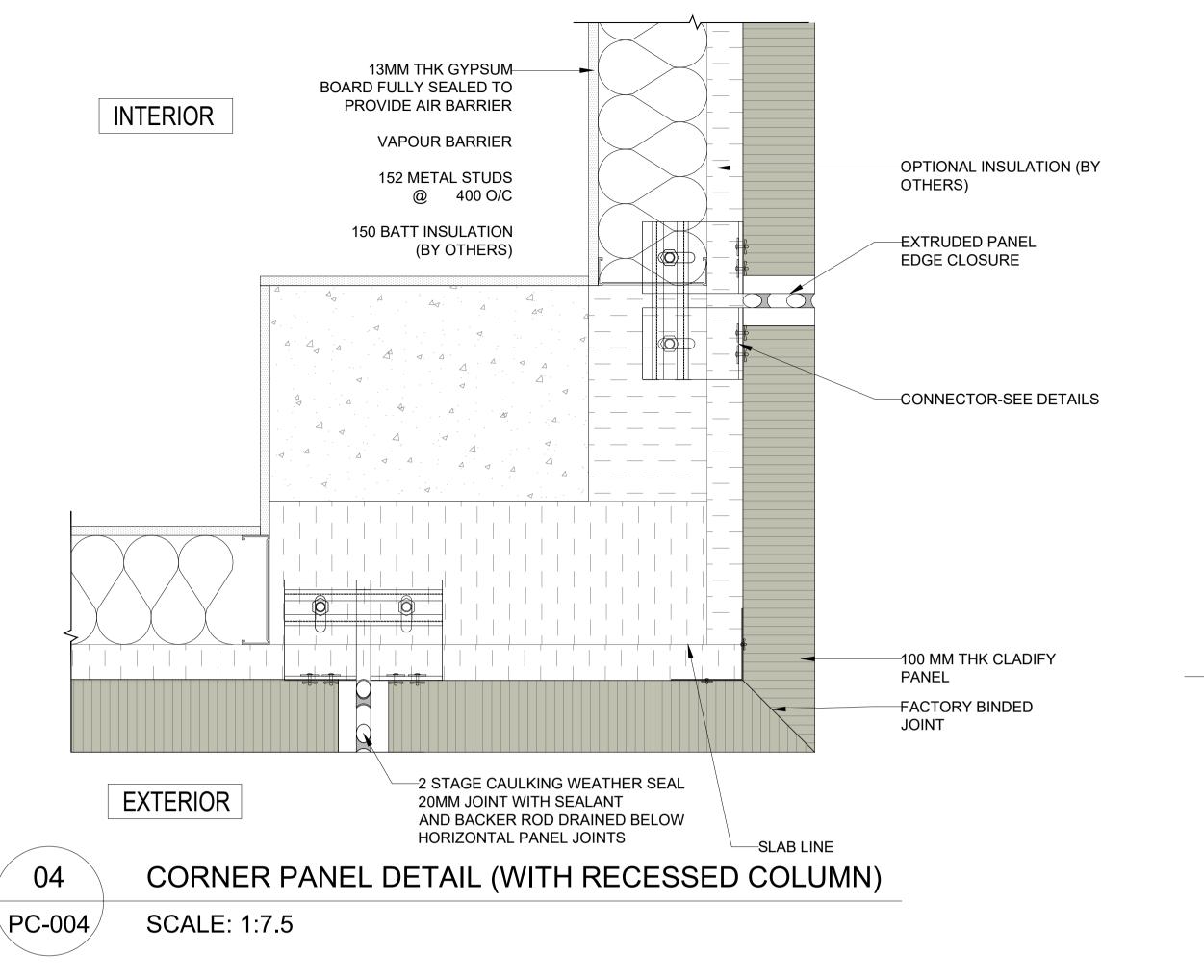


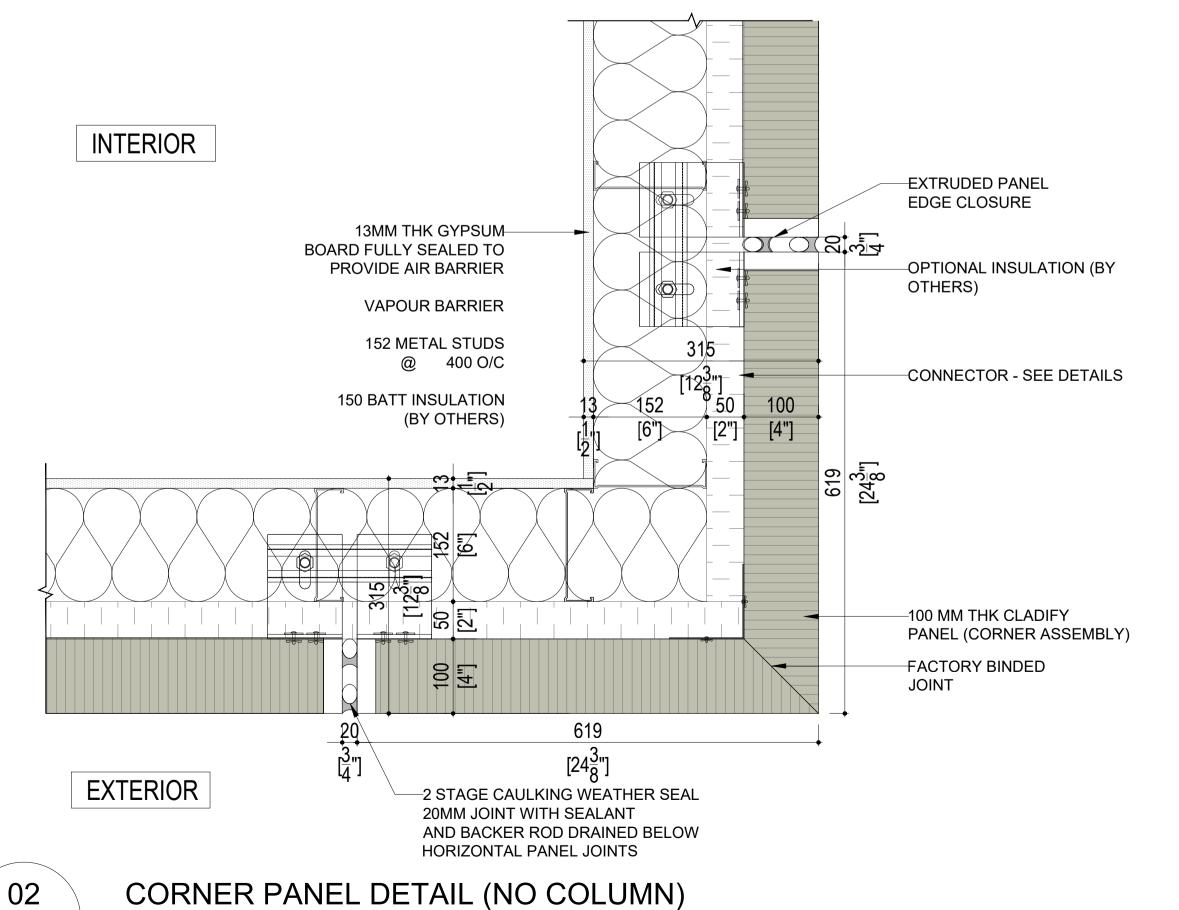
PC-007



PC-004

SCALE: 1:7.5







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7. SITE CUT STONE TO SUIT CONDITIONS ARE REQUIRED

8. DO NOT SCALE DRAWING. 9. PANEL SIZE TOLERANCE IS -1-2 INCHES

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**SEAL** 

REV. YY-MM-DD DESCRIPTION

**ARCHITECT** 

**CLIENT** 

PROJECT TITLE

**CLADITIZED** LIGHT WEIGHT PRECAST SOLUTION

SHEET TITLE

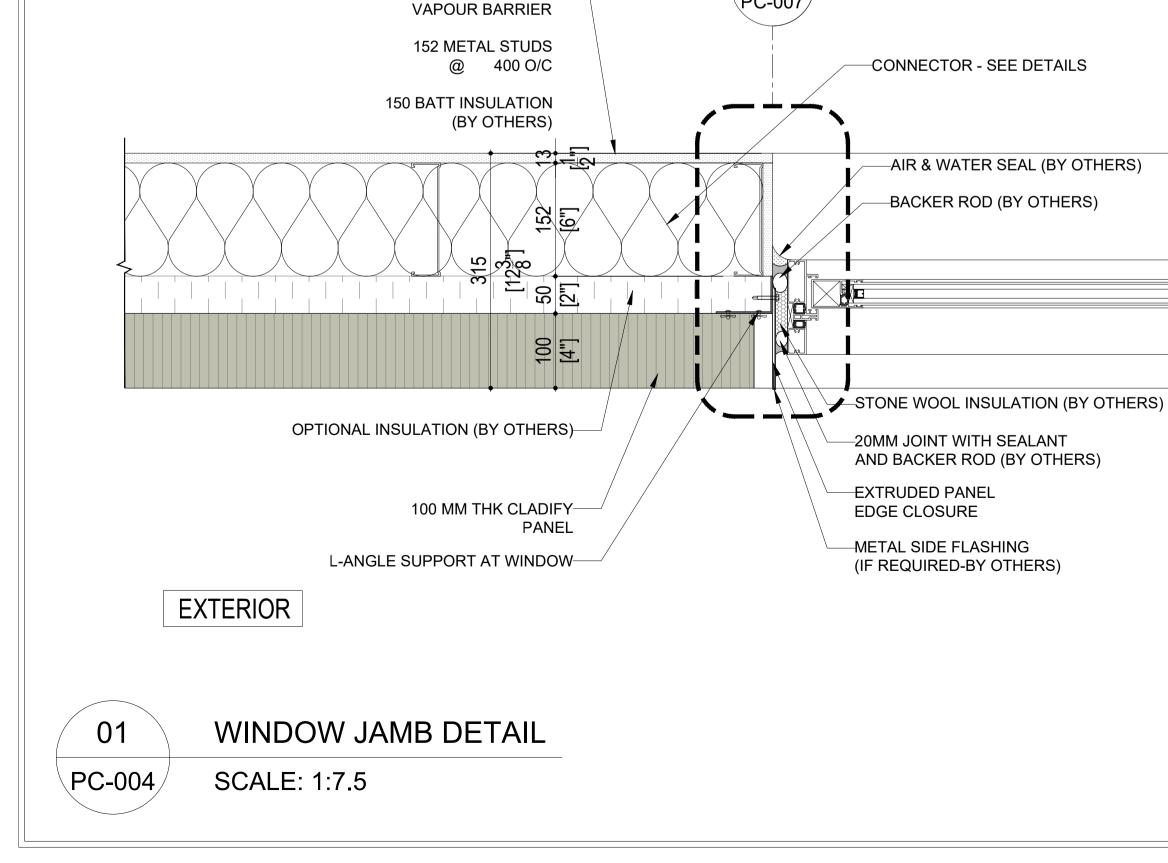
PLAN DETAILS

**INFORMATION** 

2024-04-01 AS INDICATED SCALE: DRAWN BY: GC MEASURED BY: CHECKED BY: AR

**DRAWING NO:** 

PC-004

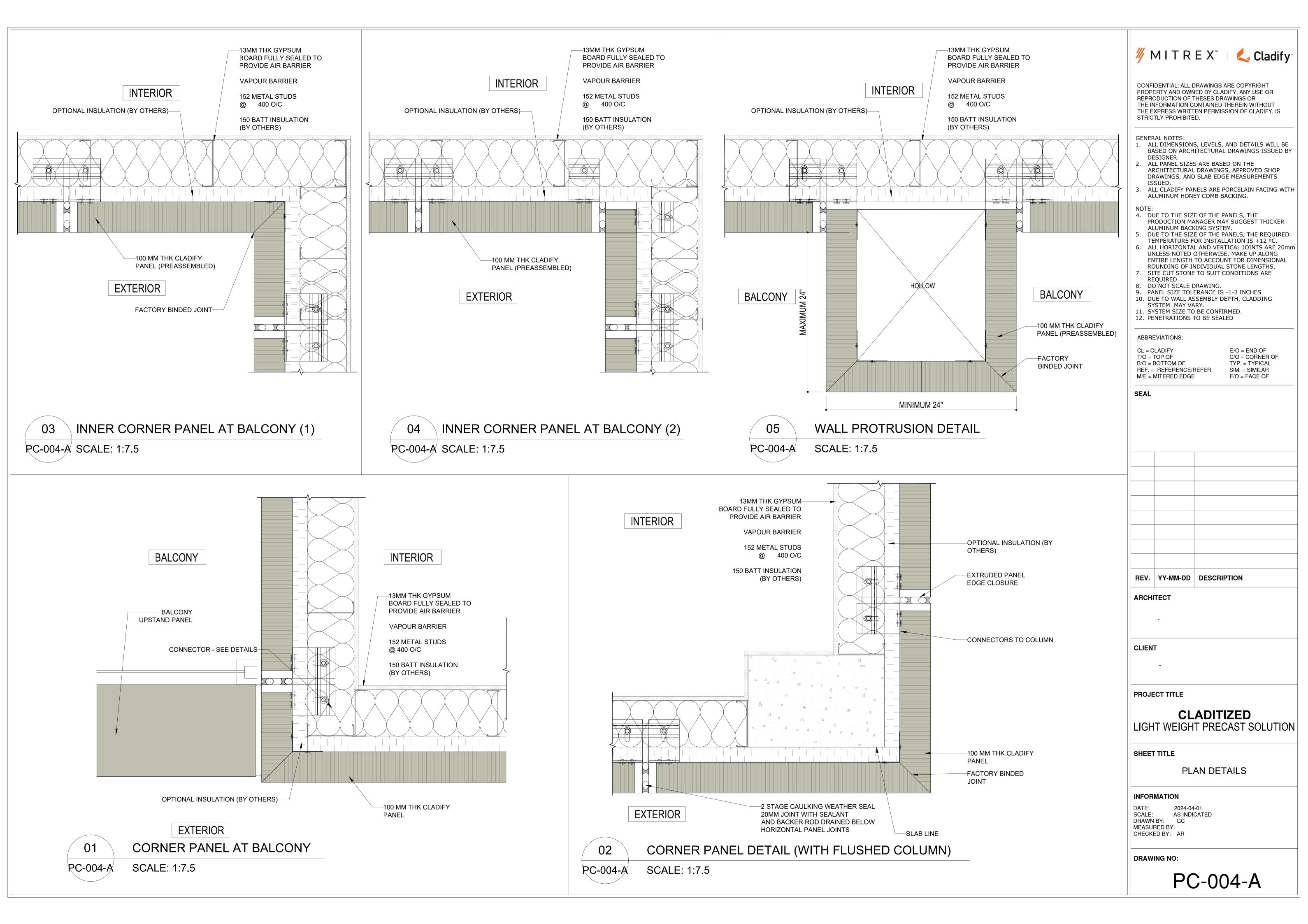


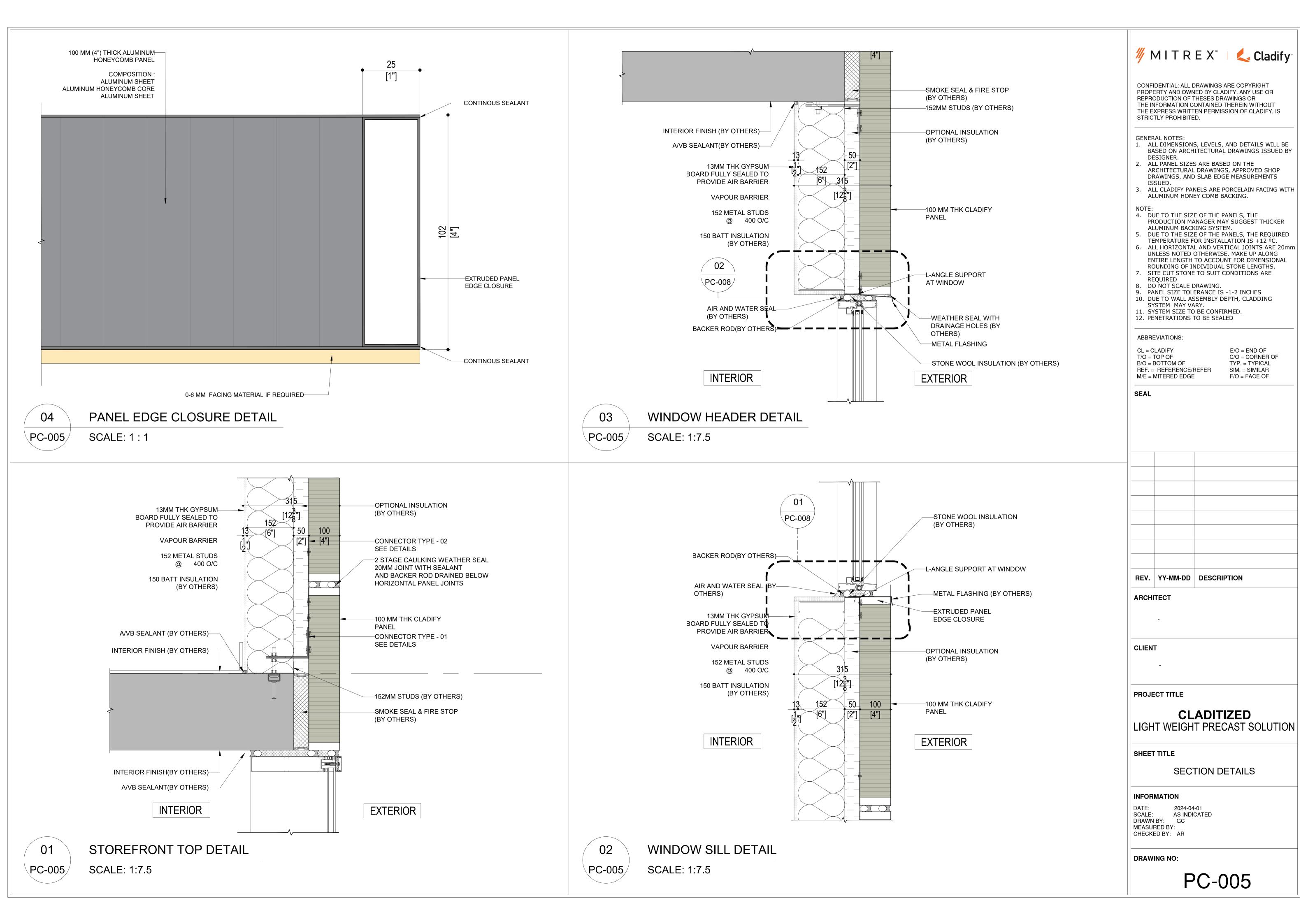
13MM THK GYPSUM—

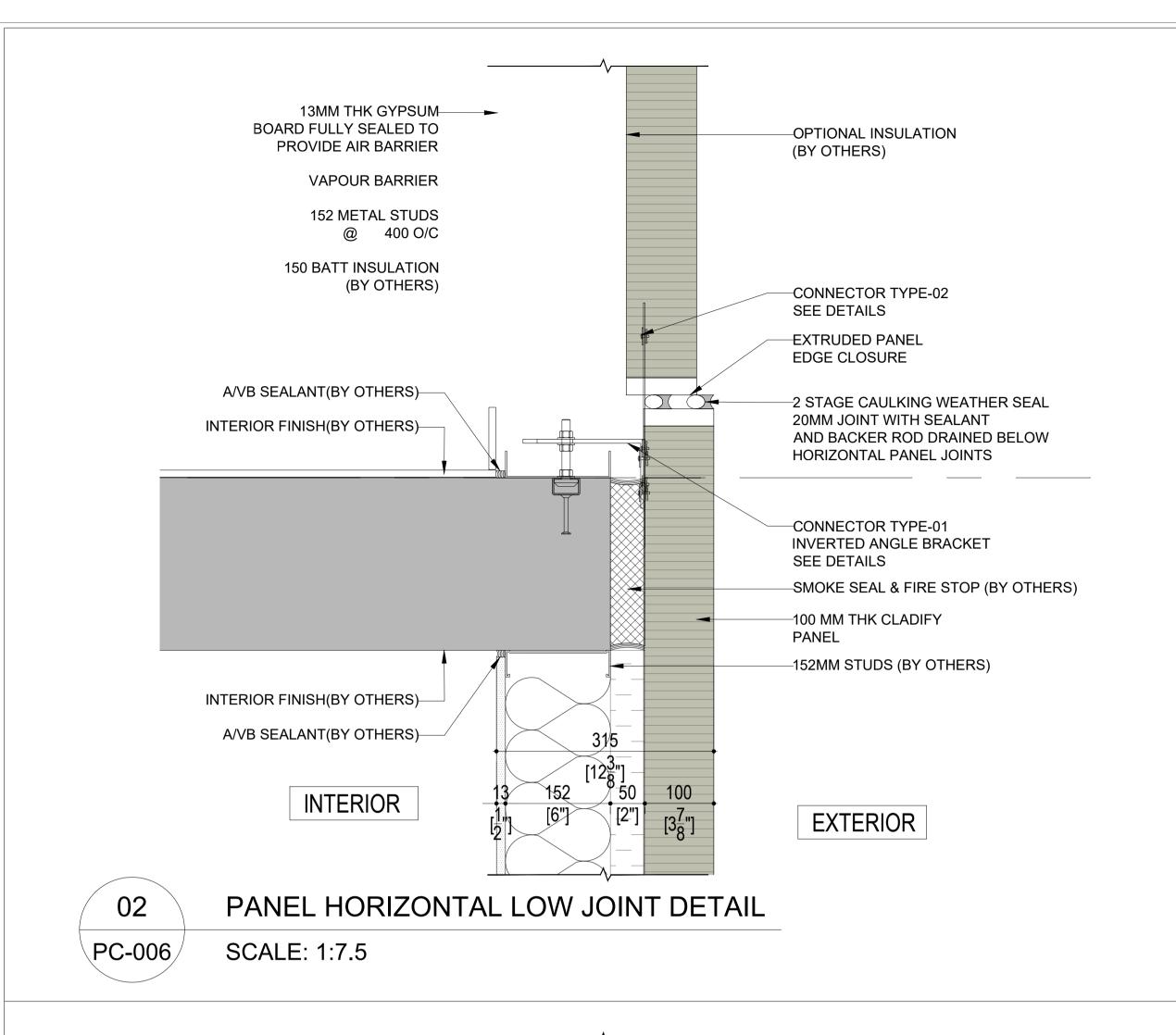
**BOARD FULLY SEALED TO** 

PROVIDE AIR BARRIER

INTERIOR







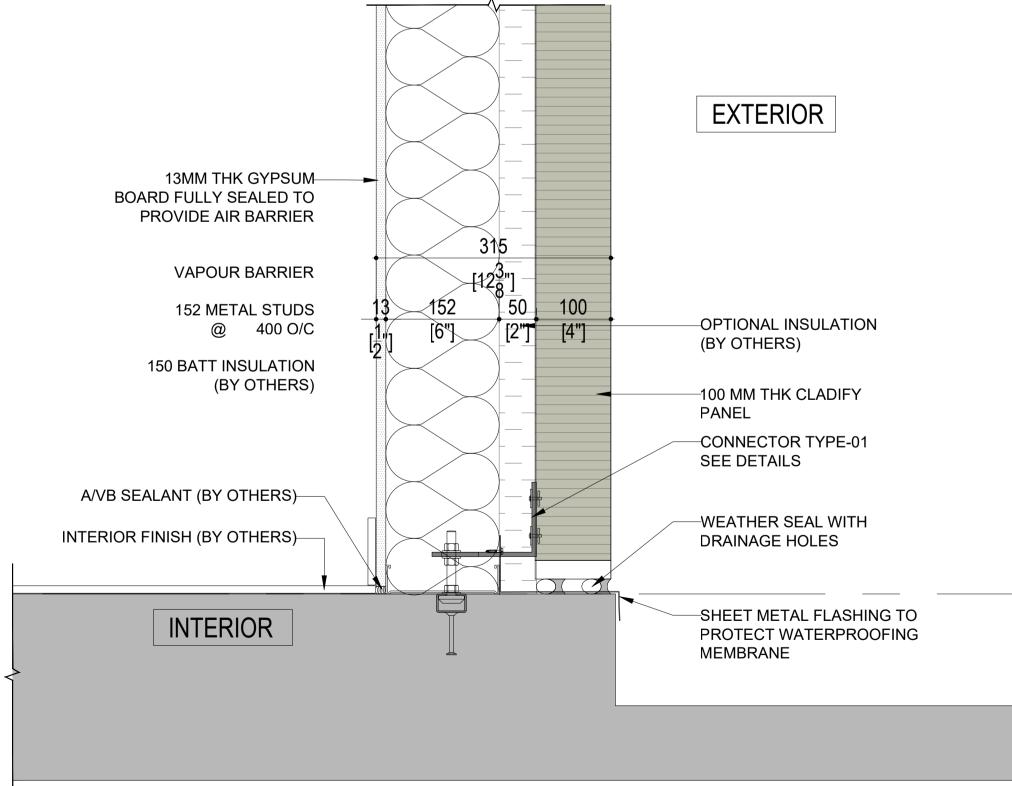
FLASHI IDET PANEL AT PARAPET DETAIL

METAL

PC-006 SCALE: 1:7.5

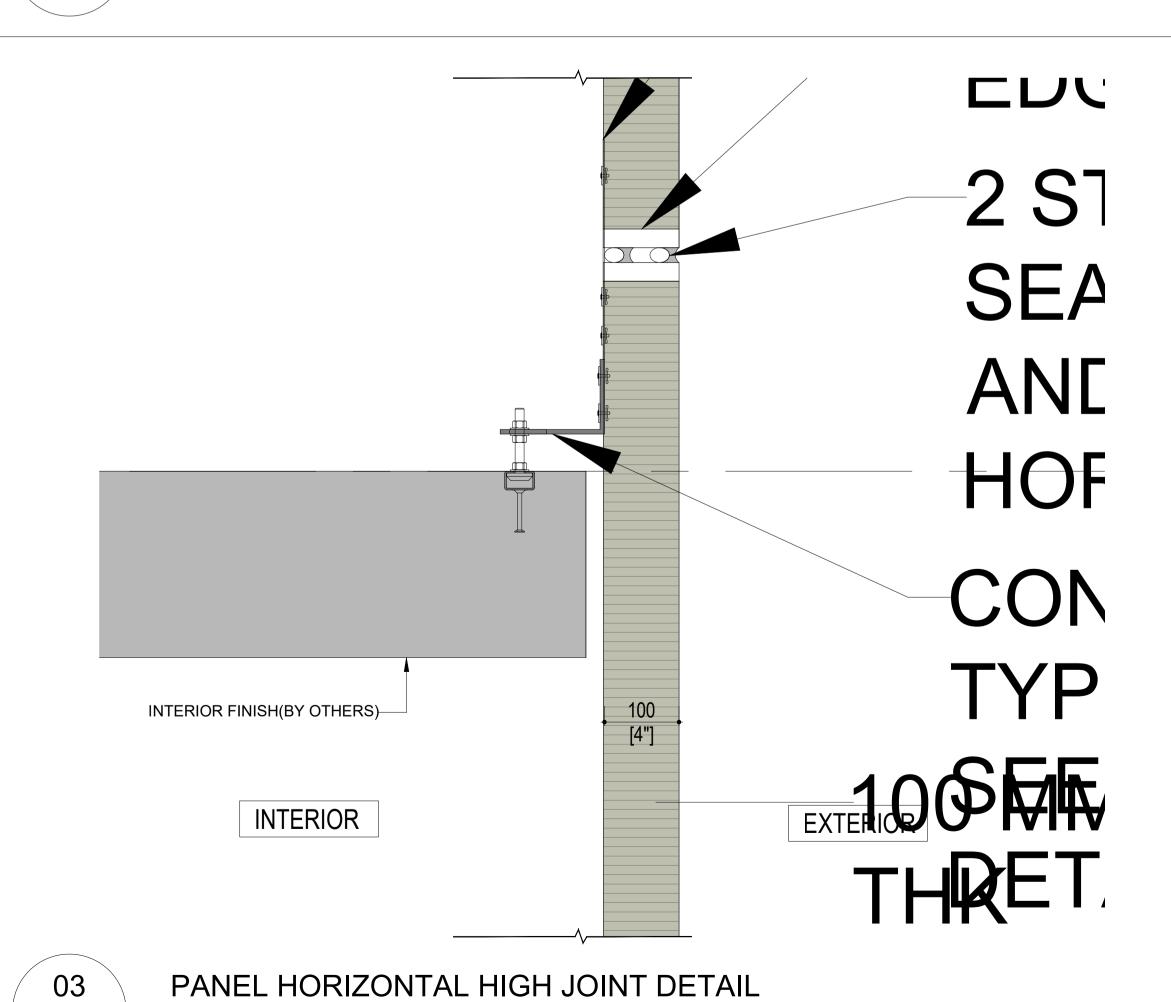
PC-006/

SCALE: 1:7.5



PANEL AT BASE DETAIL SCALE: 1:7.5

PC-006



REV. YY-MM-DD DESCRIPTION **ARCHITECT CLIENT** 

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ARCHITECTURAL DRAWINGS, APPROVED SHOP

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4. DUE TO THE SIZE OF THE PANELS, THE

ALUMINUM BACKING SYSTEM.

STRICTLY PROHIBITED.

**GENERAL NOTES:** 

DESIGNER.

REQUIRED

**ABBREVIATIONS:** 

B/O = BOTTOM OF

M/E = MITERED EDGE

CL = CLADIFY

T/O = TOP OF

**SEAL** 

8. DO NOT SCALE DRAWING.

SYSTEM MAY VARY.

REF. = REFERENCE/REFER

PROJECT TITLE

**CLADITIZED** LIGHT WEIGHT PRECAST SOLUTION

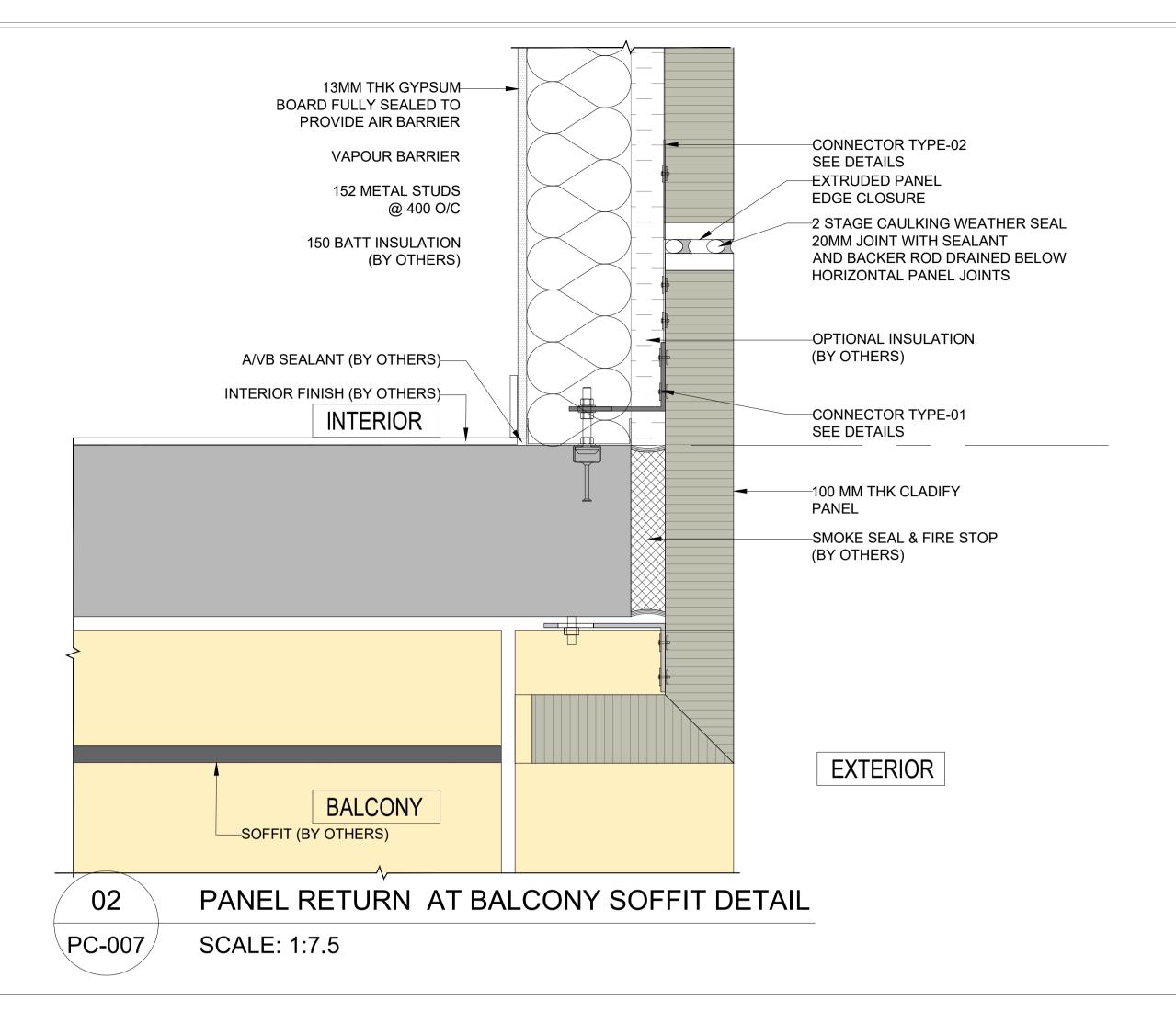
SHEET TITLE

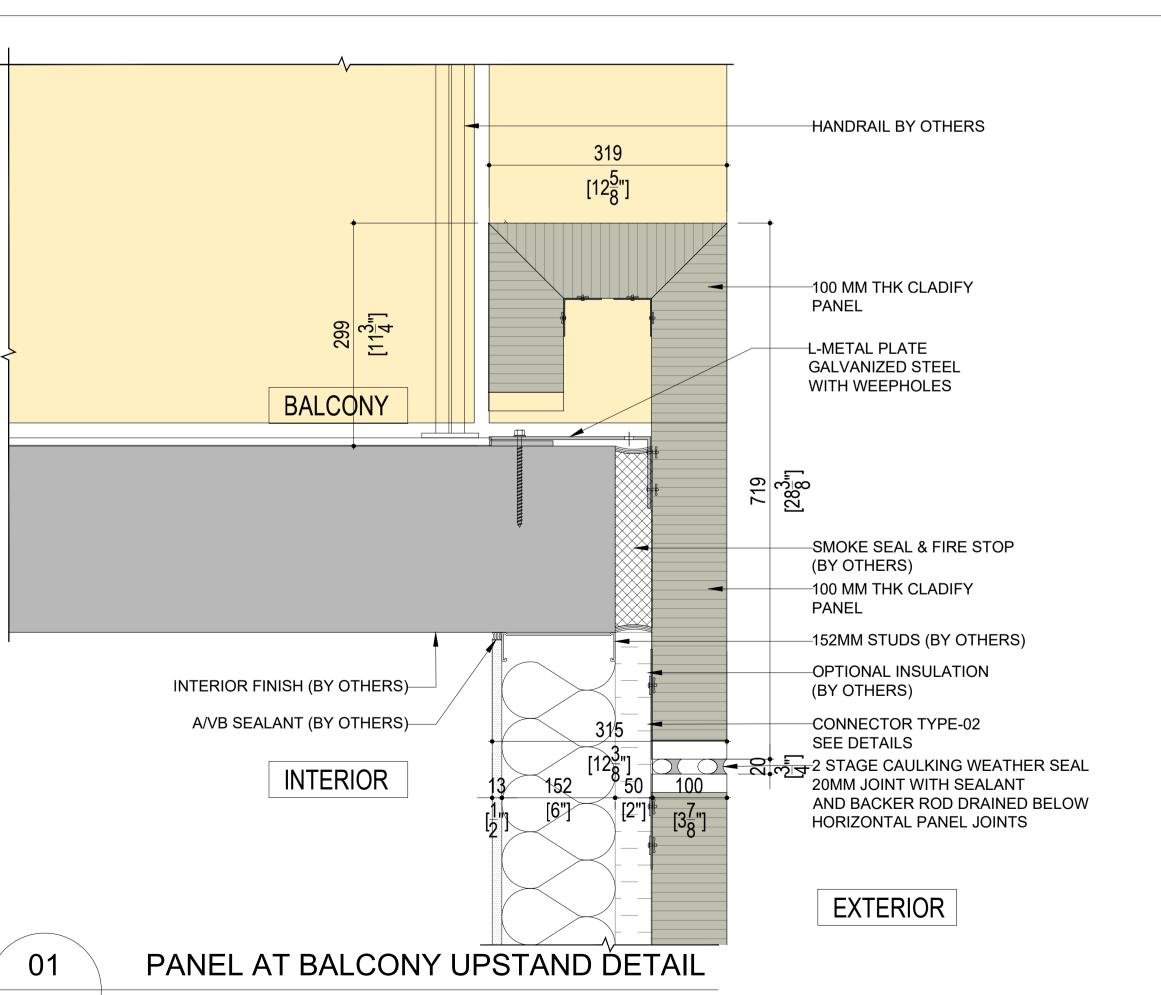
**DETAILS** 

**INFORMATION** 

2024-04-01 AS INDICATED SCALE: DRAWN BY: GC MEASURED BY: CHECKED BY: AR

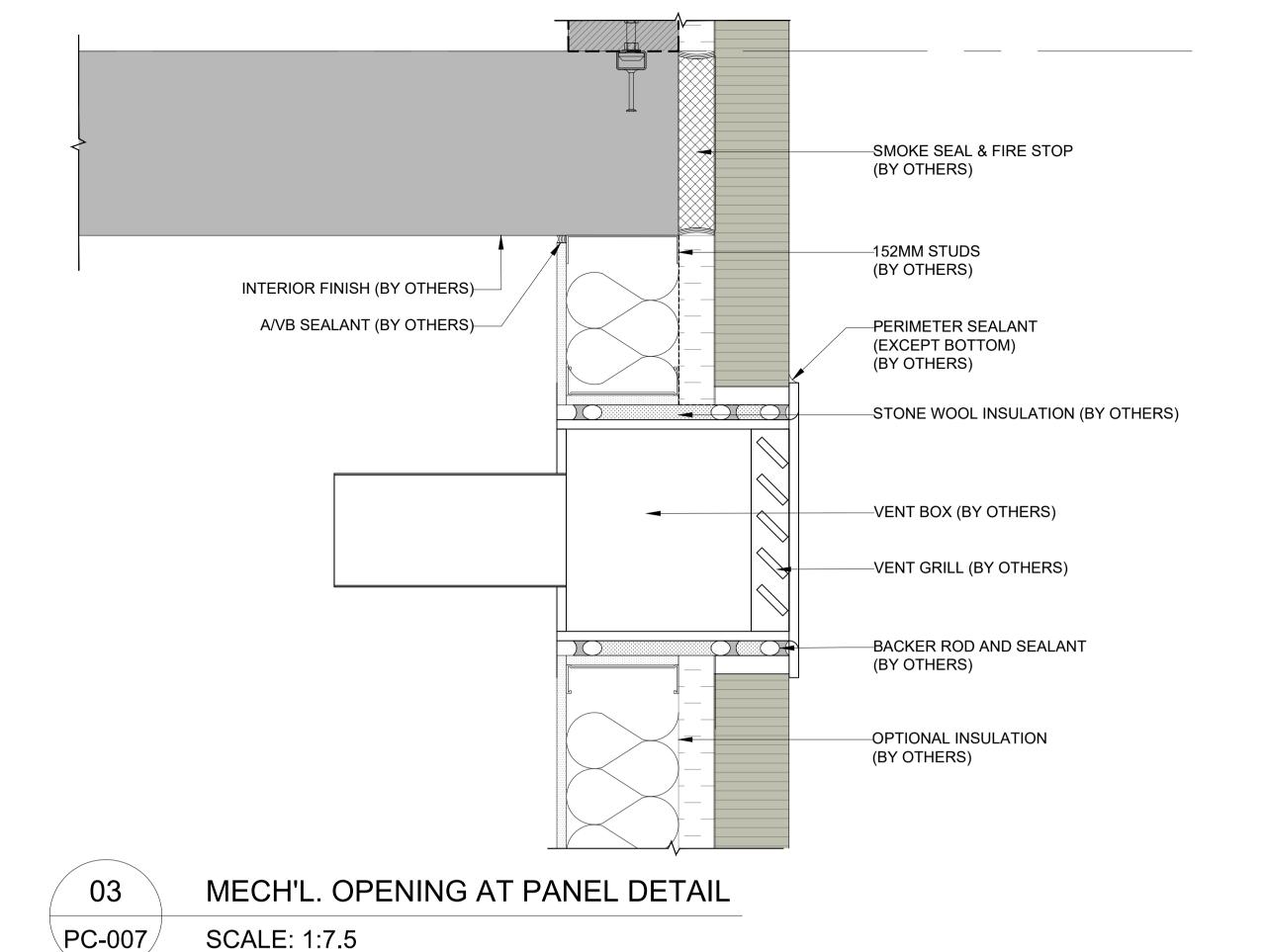
**DRAWING NO:** 

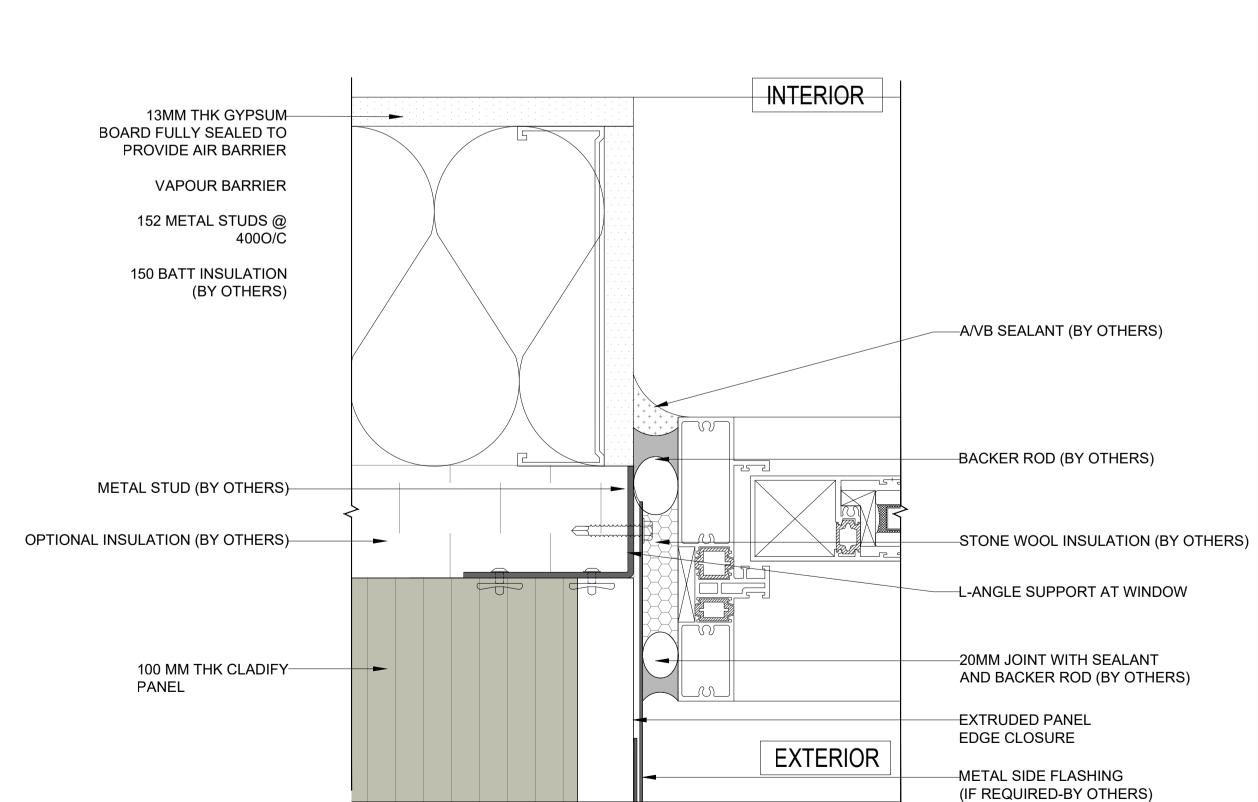




PC-007

SCALE: 1:7.5





WINDOW SIDE ENLARGED DETAIL

04

PC-007

SCALE: 1:2.5

**MITREX**✓ Cladify

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ARCHITECTURAL DRAWINGS, APPROVED SHOP DRAWINGS, AND SLAB EDGE MEASUREMENTS ISSUED.

3. ALL CLADIFY PANELS ARE PORCELAIN FACING WITH

# NOTE:

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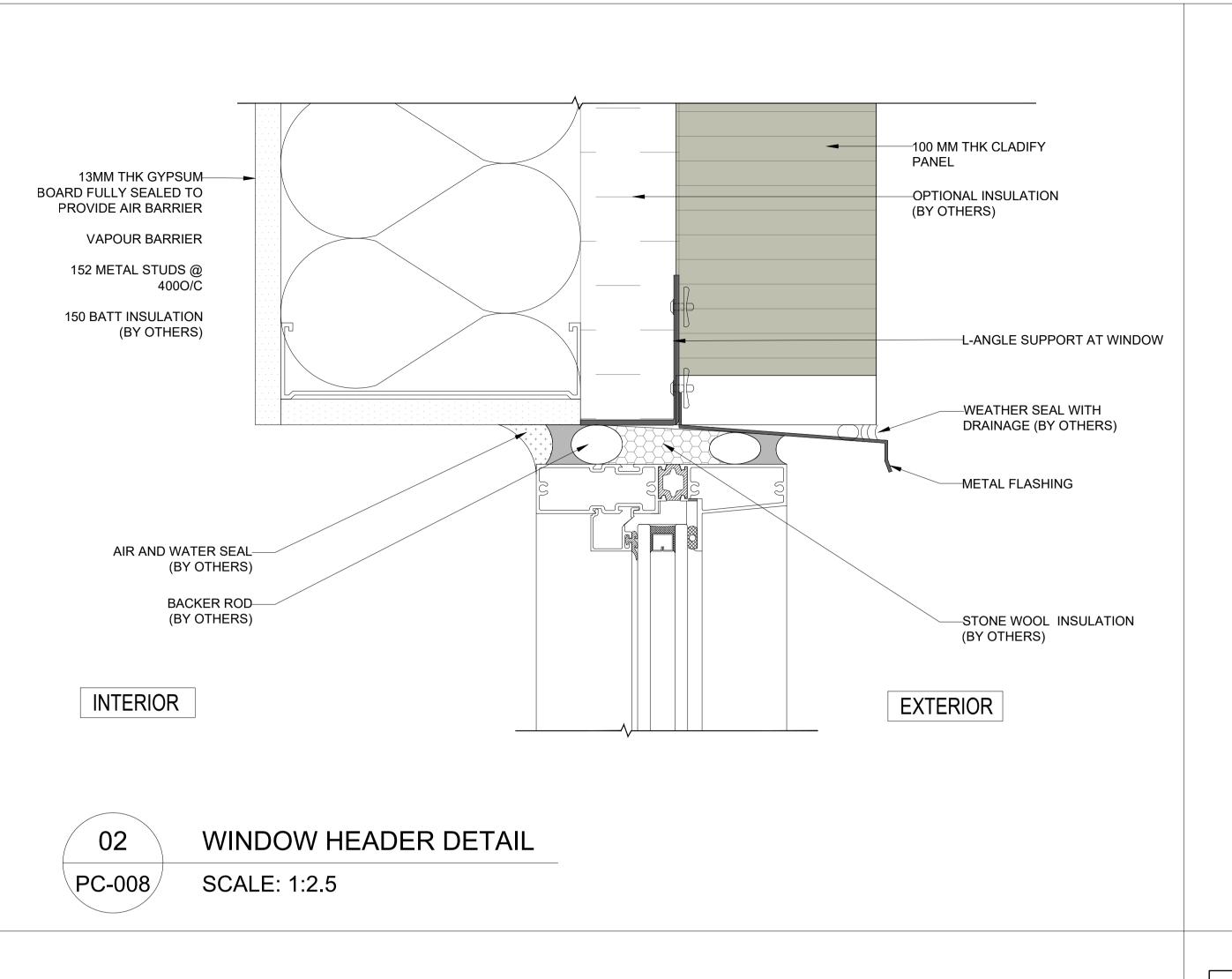
DETAILS

INFORMATION

DATE: 2024-04-01 SCALE: AS INDICATED DRAWN BY: GC

DRAWING NO:

MEASURED BY: CHECKED BY: AR



Drainage space Backer rod Sealant Sealant Backer rod Exterior face of cladding Drainage opening

CONCEPT OF 2 STAGE CAULKING OF CLADIFY PANELS

NDTS PC-008/

—2 STAGE CAULKING 20MM JOINT WITH SEALANT EXTRUDED PANEL-INTERIOR AND BACKER ROD EDGE CLOSURE 2 STAGE CAULKING WEATHER SEAL-EXTRUDED PANEL 20MM JOINT WITH SEALANT EDGE CLOSURE AND BACKER ROD DRAINED BELOW HORIZONTAL PANEL JOINTS 20 [<del>13</del><sub>"</sub>] 0-6 MM FACING MATERIAL IF REQUIRED-EXTERIOR JOINT DETAIL PC-008 SCALE: 1:1



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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:** 

CL = CLADIFY T/O = TOP OFB/O = BOTTOM OFREF. = REFERENCE/REFER

M/E = MITERED EDGE

C/O = CORNER OF TYP. = TYPICAL SIM. = SIMILAR F/O = FACE OF

E/O = END OF

SEAL

REV. YY-MM-DD DESCRIPTION **ARCHITECT** 

**CLIENT** 

PROJECT TITLE

**CLADITIZED** LIGHT WEIGHT PRECAST SOLUTION

SHEET TITLE

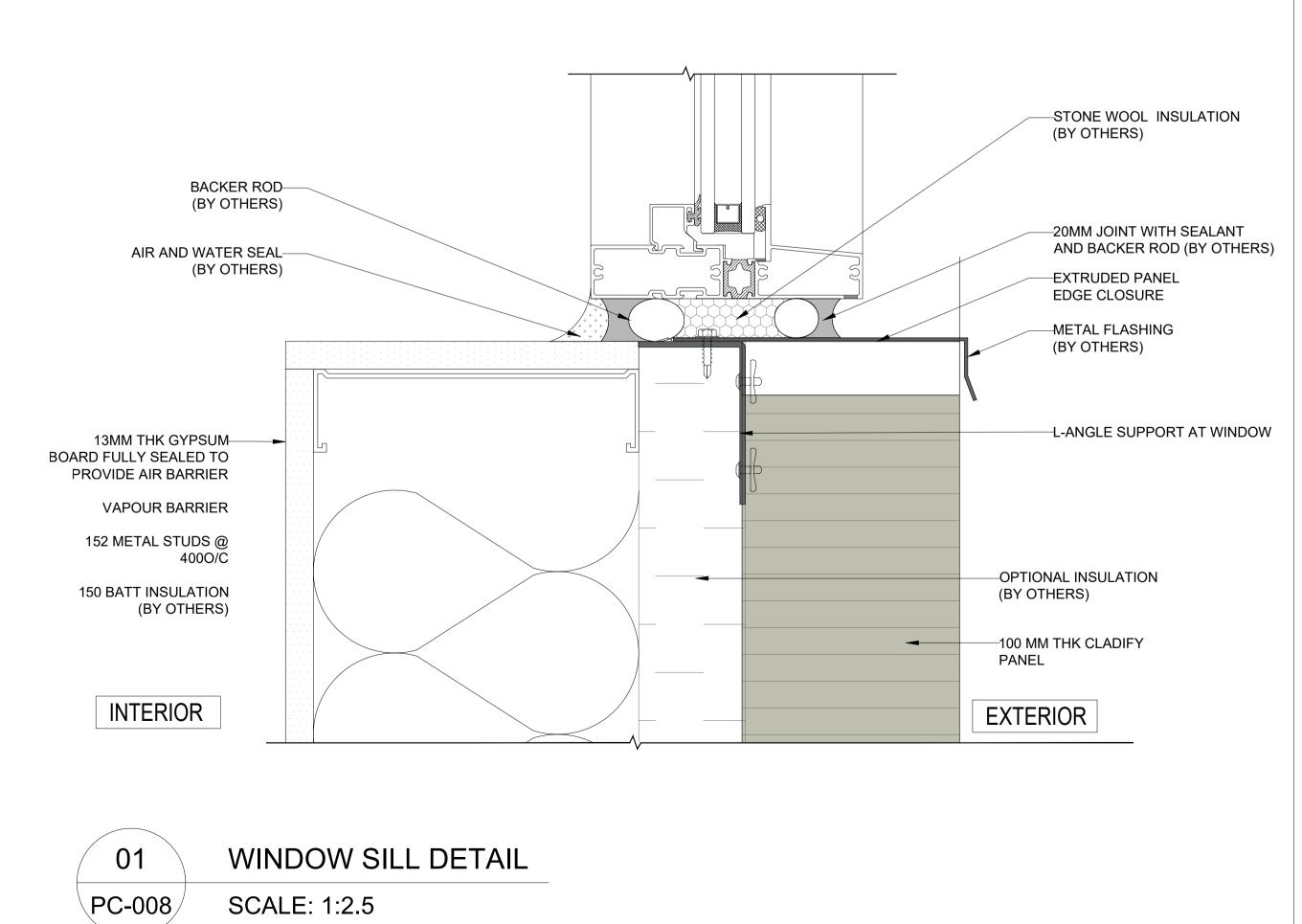
**DETAILS** 

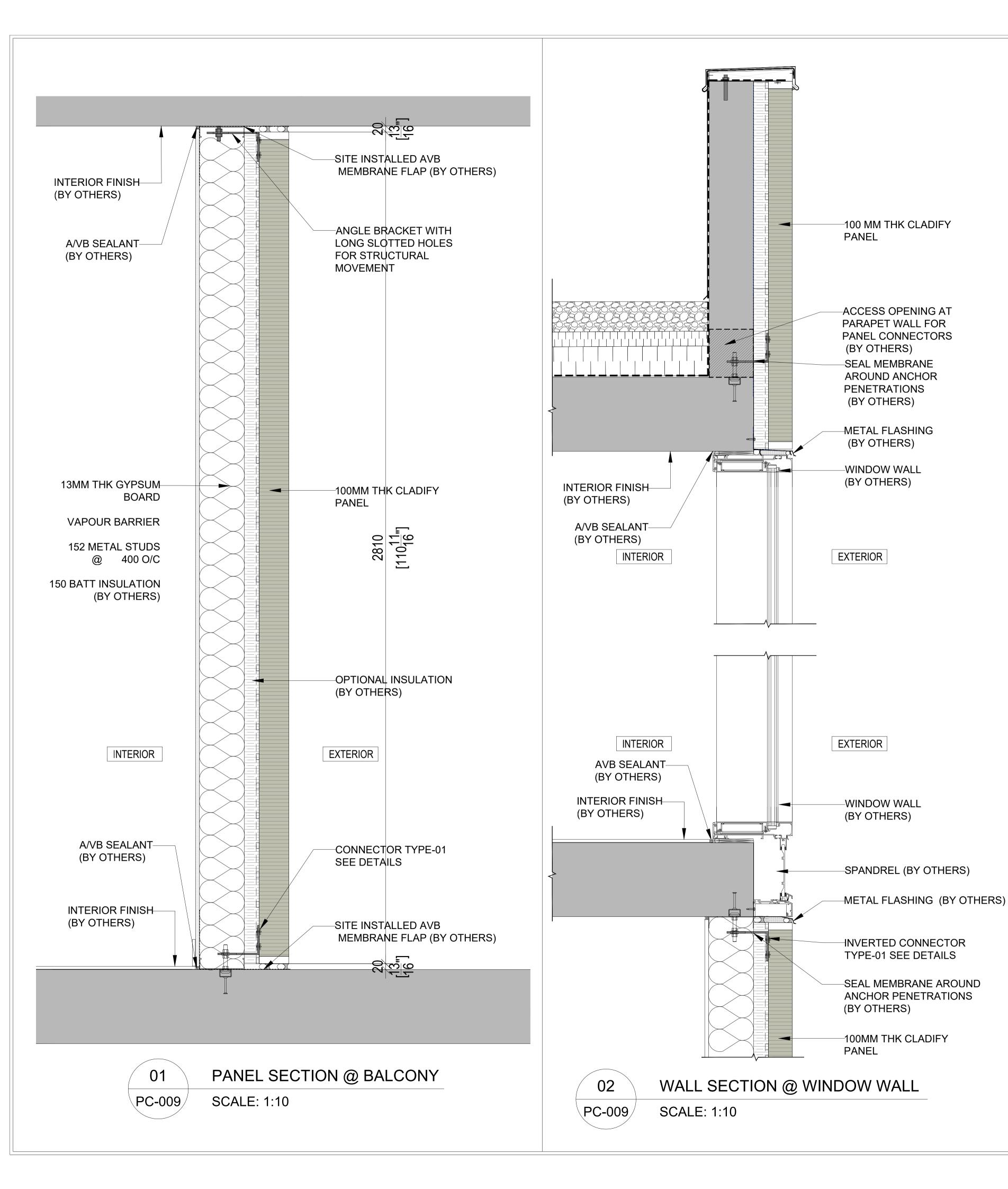
**INFORMATION** 

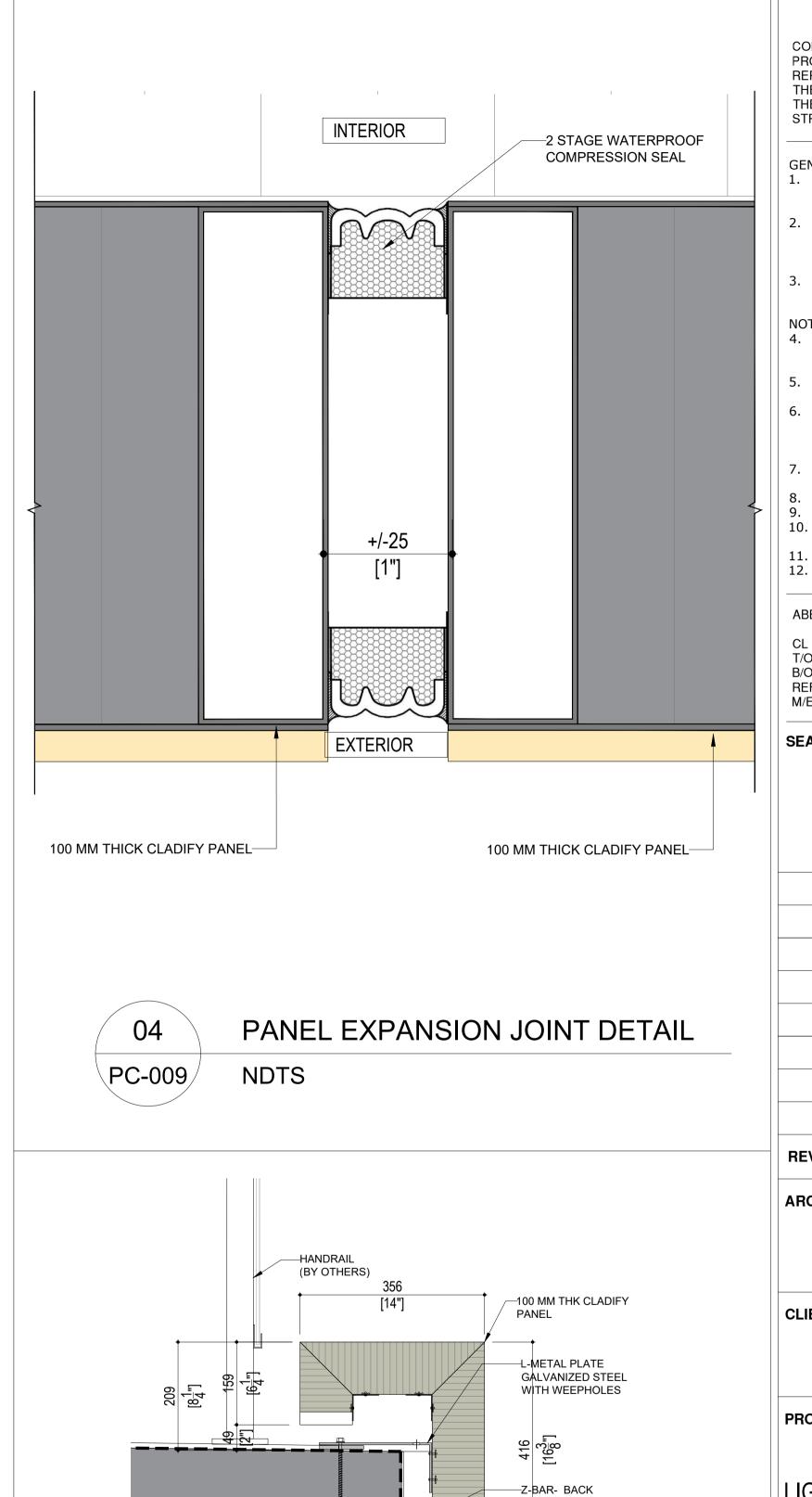
CHECKED BY: AR

2024-04-01 AS INDICATED SCALE: DRAWN BY: GC MEASURED BY:

**DRAWING NO:** 







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**CLIENT** 

PROJECT TITLE

# **CLADITIZED** LIGHT WEIGHT PRECAST SOLUTION

# SHEET TITLE

METAL FLASHING
BY OTHERS

162 [6<mark>3</mark>"]

PANEL @ SLAB EDGE

SCALE: 1:10

PC-009

**DETAILS** 

# **INFORMATION**

2024-04-01 AS INDICATED SCALE: DRAWN BY: GC MEASURED BY: CHECKED BY: AR

# **DRAWING NO:**

