



MITREX / CLADIFY

---

41 RACINE ROAD

CLIENT: CLADIFY / MITREX

ARCHITECT:

**CLADIFAB**  
CLADIFY / MITREX PREFAB WALL SYSTEM  
REV-08.1 (MODIFIED BACKSHEET)

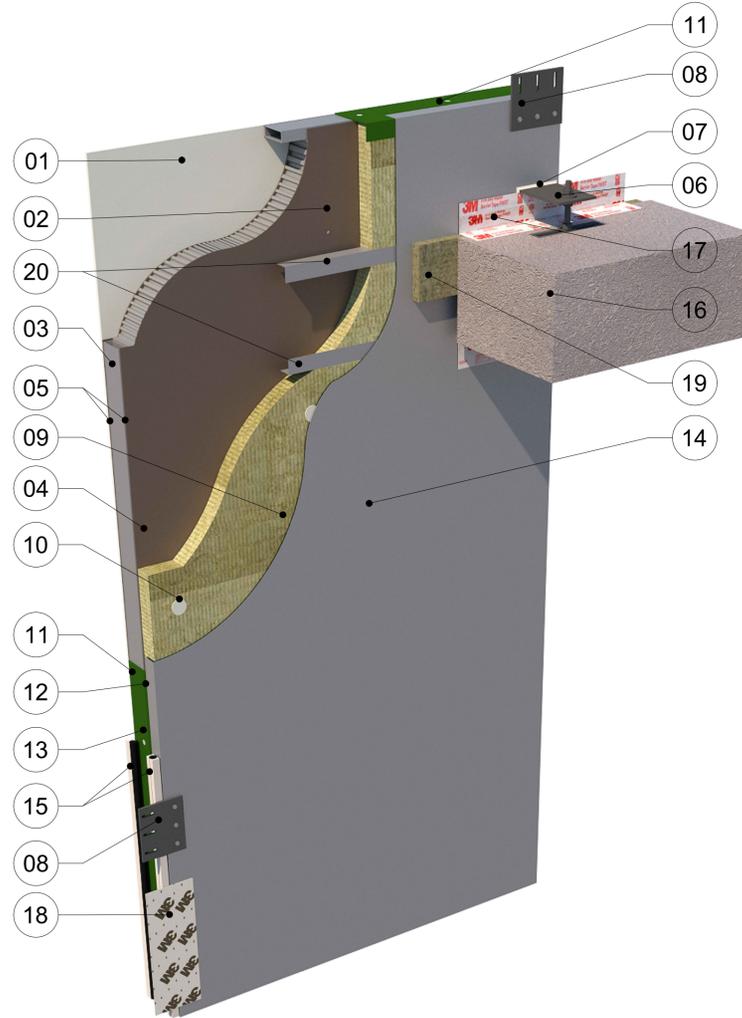
Date: APRIL 01, 2024

NOTE : PRINT IN COLOR

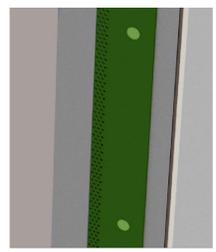


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### PRE-FAB SYSTEM COMPONENTS



- COMPONENT LEGEND :
- 01 → 6 MM (1/4") FINISH MATERIAL AS SPECIFIED BY CLIENT
  - 02 → 75 MM (3") OR 100 MM (4") CLADIFY WALL
  - 03 → EXTRUDED PANEL EDGE CLOSURE
  - 04 → BUTTERFLY RIVETS
  - 05 → CONTINUOUS SEALANT
  - 06 → CONNECTOR TYPE-01B (CAST IN ANCHOR CHANNEL)
  - 07 → SEALANT AROUND EXPOSED CONNECTORS
  - 08 → CONNECTOR TYPE-02
  - 09 → INSULATION WITH 10MM DEEP CIRCULAR GROOVE GEOMETRICALLY DEFINED DRAINAGE CAVITY AND AIR SPACE (FACTORY INSTALLED)
  - 10 → INSULATION STICK PINS
  - 11 → FRP ANGLE BAR PANEL PERIMETER CLOSURE
  - 12 → PERFORATED WEEP HOLES ON FRP ANGLE BAR PANEL CLOSURE LOCATED AT DRAINAGE CAVITY OF INSULATION
  - 13 → COUNTER SUNK SCREWS (COLOR TO MATCH FRP ANGLE BAR)
  - 14 → 20 GA SHEET METAL BACKING WITH 1.5" RETURN FLAP ADHERED TO INSULATION & ATTACHED TO FRP ANGLE BAR PANEL CLOSURE
  - 15 → 2 STAGE CAULKING WEATHER SEAL 20MM JOINT WITH SEALANT AND BACKER ROD DRAINED BELOW HORIZONTAL PANEL JOINTS
  - 16 → BUILDING STRUCTURE
  - 17 → FIRE & WATER BARRIER TAPE OR SEALANT
  - 18 → TRANSITION MEMBRANE AT JOINTS
  - 19 → 1" TO 1-1/2" THK. FIRE AND STORM SEAL
  - 20 → 1-1/2"x1-1/2" LBAR BACKPAN SUPPORT AT FIRESTOP LOCATION

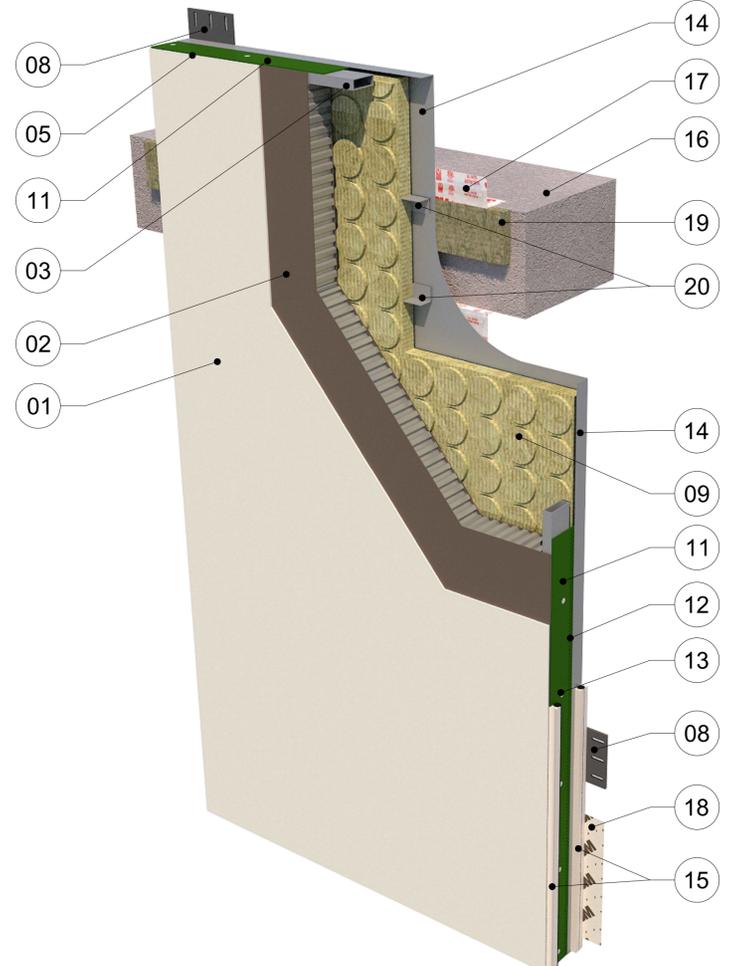


(12) PERFORATIONS

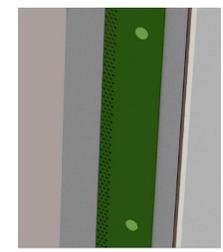
BACK OF PANEL VIEW



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(12) PERFORATIONS

FRONT OF PANEL VIEW



01 CLADIFY PANEL COMPONENTS  
NI-B -

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

ABBREVIATIONS:

CL = CLADIFY  
T/O = TOP OF  
B/O = BOTTOM OF  
REF. = REFERENCE/REFER  
M/E = MITERED EDGE

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



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

CLIENT

PROJECT TITLE  
**CLADIFAB**  
CLADIFY/MITREX  
PREFAB WALL SYSTEM

SHEET TITLE  
CLADIFY PANEL COMPONENTS

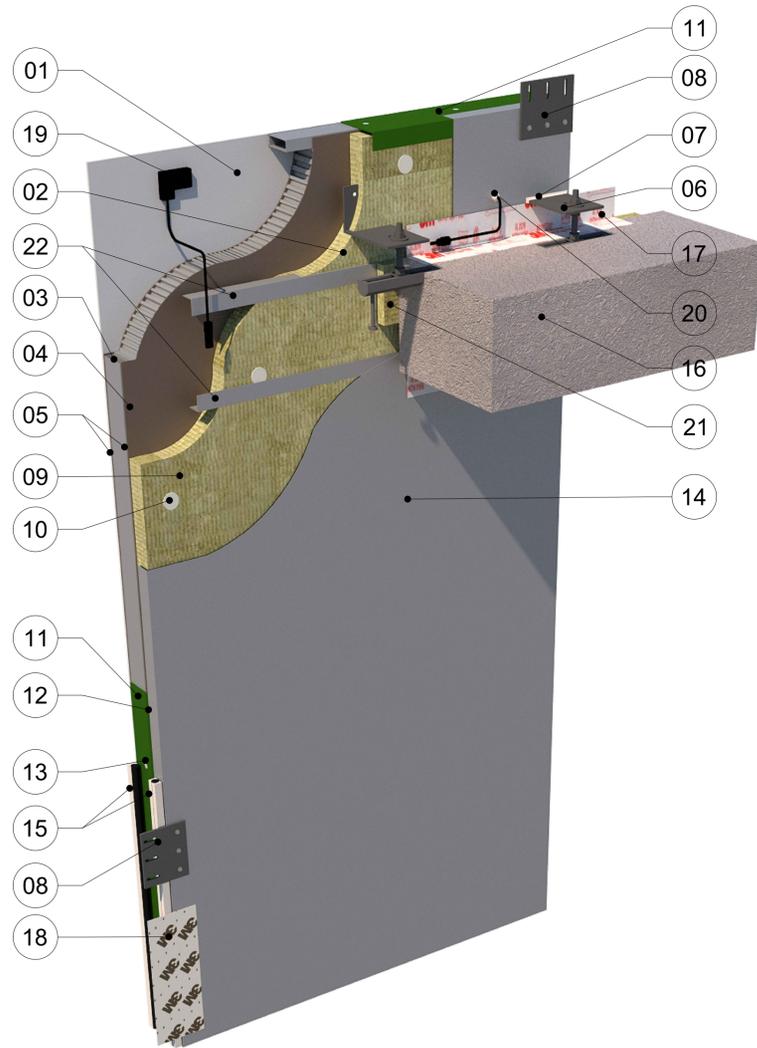
INFORMATION  
DATE: 2024-04-01  
SCALE: AS INDICATED  
DRAWN BY: GC  
MEASURED BY:  
CHECKED BY: AR / AS

DRAWING NO:  
NI-B (Rev08.1)  
MODIFIED BACKSHEET

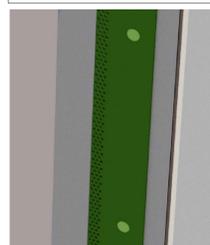


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### SOLAR PRE-FAB SYSTEM COMPONENTS



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  - 19 → SOLAR PANEL JUNCTION BOX
  - 20 → WATERPROOF GROMMET (SEALED)
  - 21 → 1" to 1-1/2" THK. FIRE AND STORM SEAL
  - 22 → 1-1/2"x1-1/2" LBAR BACKPAN SUPPORT AT FIRESTOP LOCATION

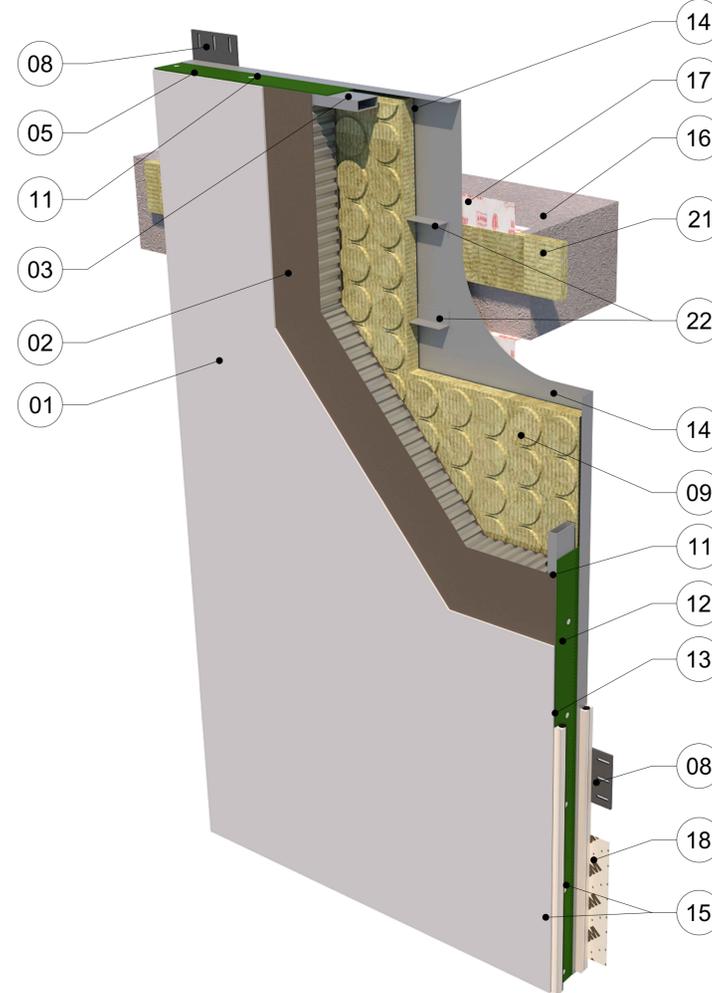


(12) PERFORATIONS

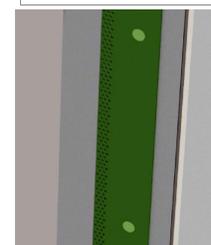
BACK OF PANEL VIEW



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- COMPONENT LEGEND :
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(12) PERFORATIONS

FRONT OF PANEL VIEW



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  - ALL PANEL SIZES ARE BASED ON THE ARCHITECTURAL DRAWINGS, APPROVED SHOP DRAWINGS, AND SLAB EDGE MEASUREMENTS ISSUED.
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  - M/E = MITERED EDGE
  - E/O = END OF
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| REV. | YY-MM-DD | DESCRIPTION |
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ARCHITECT

CLIENT

PROJECT TITLE  
**CLADIFAB**  
CLADIFY/MITREX  
PREFAB WALL SYSTEM

SHEET TITLE  
MITREX PANEL COMPONENTS

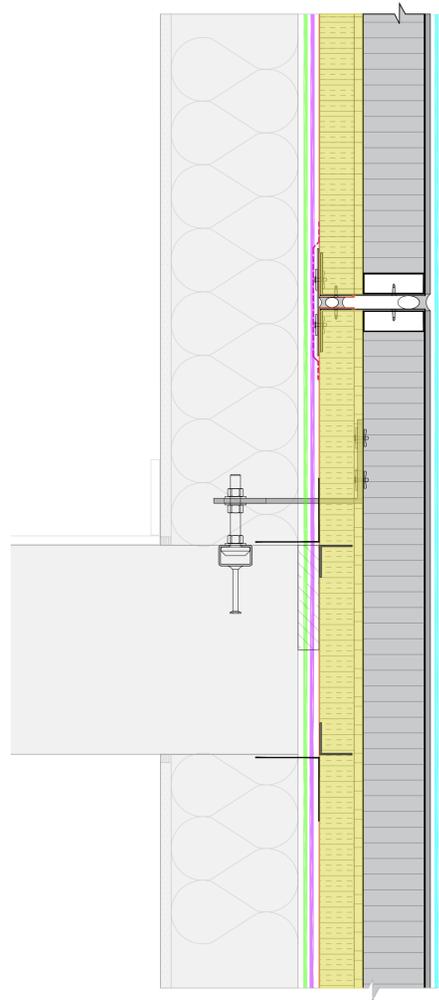
INFORMATION  
DATE: 2024-04-01  
SCALE: AS INDICATED  
DRAWN BY: GC  
MEASURED BY:  
CHECKED BY: AR / AS

DRAWING NO:  
NI-D (Rev08.1)  
MODIFIED BACKSHEET

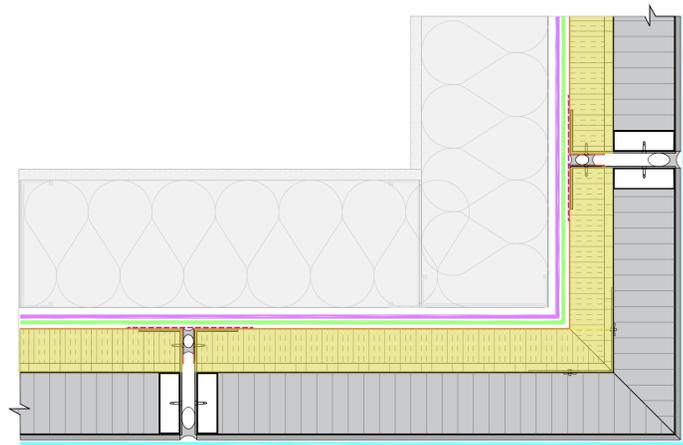




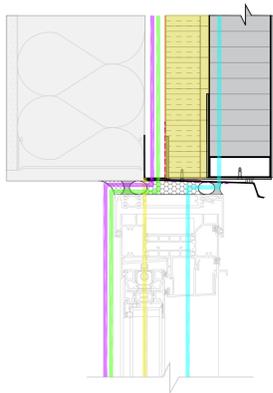




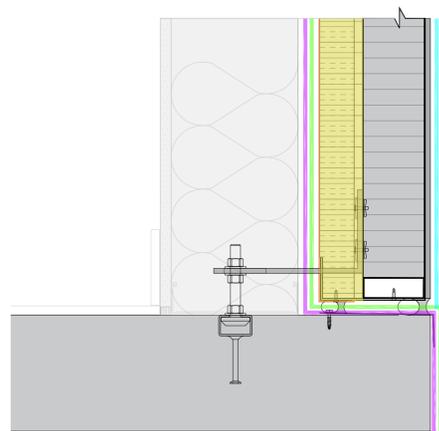
02 SLAB EDGE CONNECTION  
NI-H -



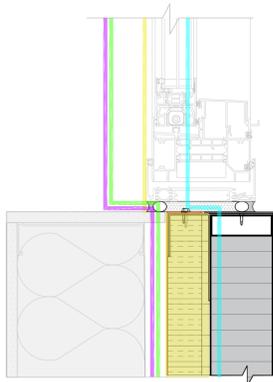
05 CORNER WALL CONNECTION  
NI-H -



04 WINDOW HEADER CONNECTION  
NI-H -

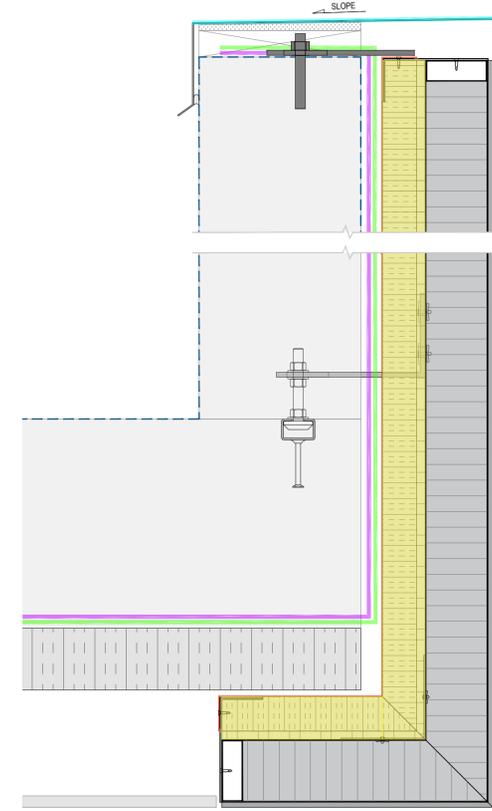


01 BASE CONNECTION  
NI-H -

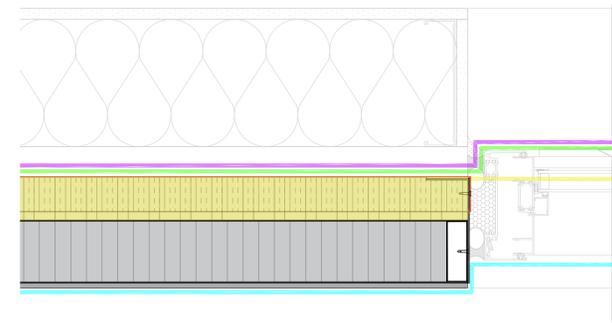


03 WINDOW JAMB CONNECTION  
NI-H -

— VAPOUR CONTROL LAYER  
— AIR CONTROL LAYER  
— HEAT CONTROL LAYER  
— PRECIPITATION CONTROL LAYER



06 PARAPET/BALCONY CONNECTION  
NI-H -



07 WINDOW JAMB CONNECTION  
NI-H -

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ABBREVIATIONS:

|                        |                 |
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SEAL

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ARCHITECT

CLIENT

PROJECT TITLE

**CLADIFAB**  
CLADIFY/MITREX  
PREFAB WALL SYSTEM

SHEET TITLE

BARRIER LINES

INFORMATION

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

DRAWING NO:

NI-H (Rev08.1)  
MODIFIED BACKSHEET





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SEAL



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

CLIENT

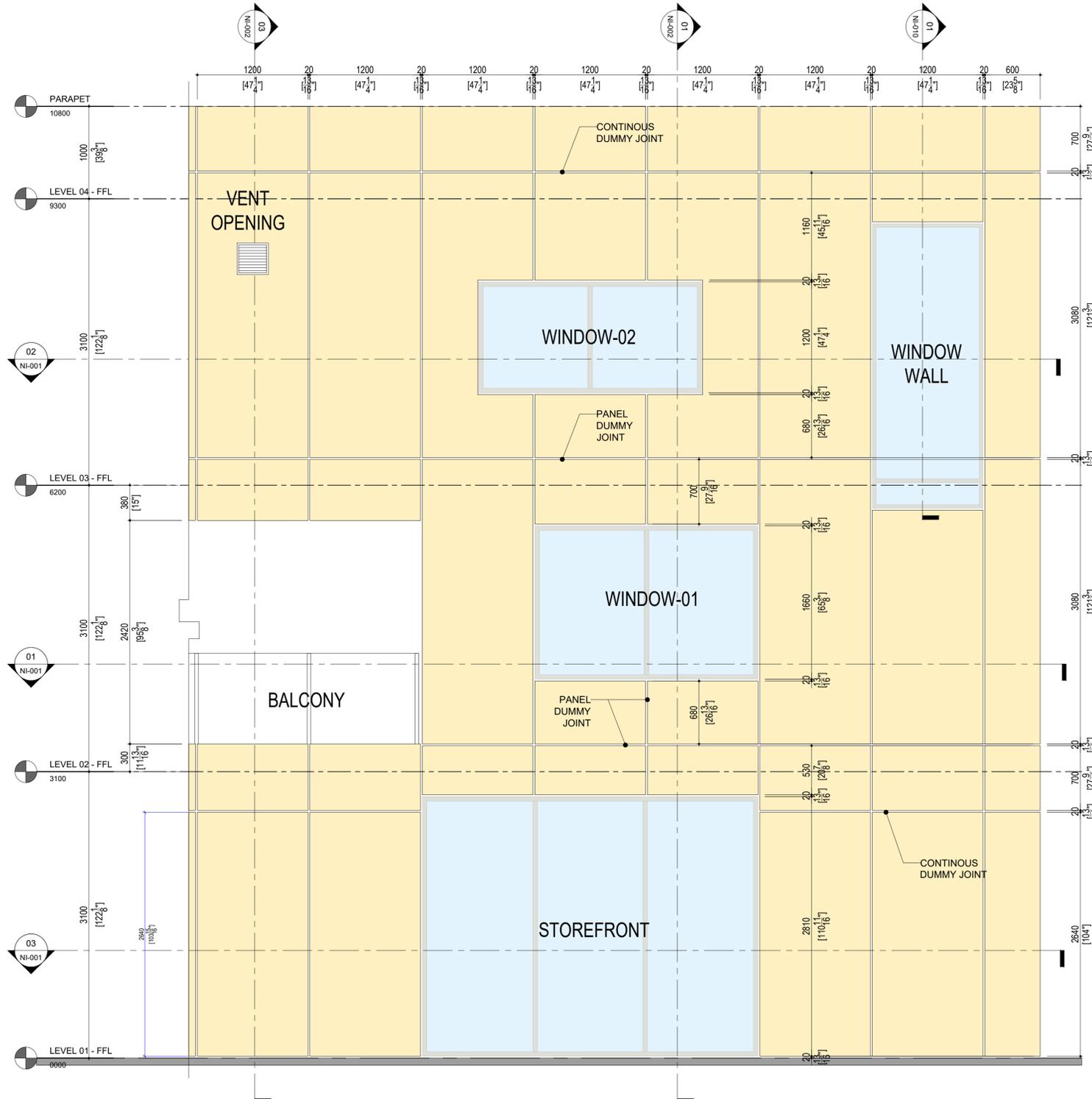
PROJECT TITLE

**CLADIFAB**  
CLADIFY/MITREX  
PREFAB WALL SYSTEM

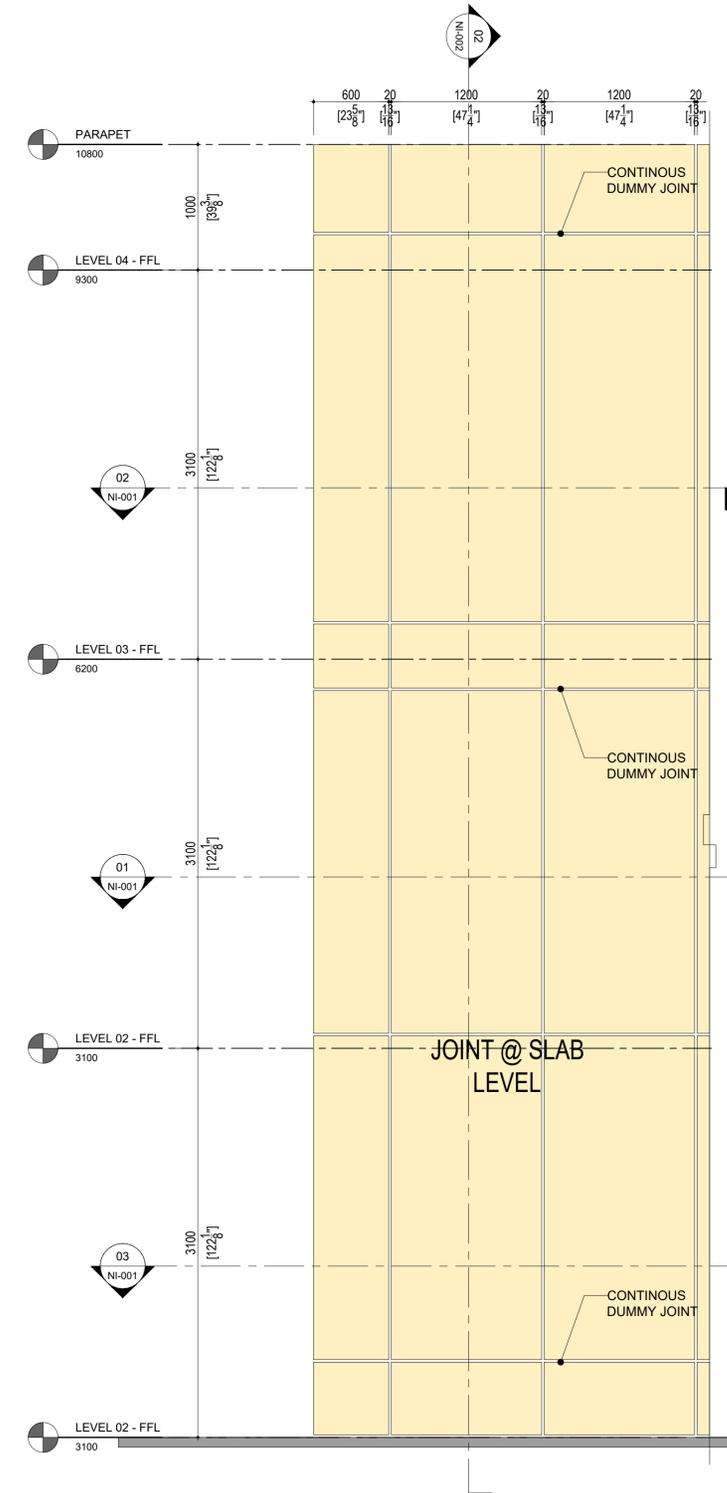
SHEET TITLE  
FRONT & SIDE ELEVATION

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

DRAWING NO:  
NI-001-1 (Rev08.1)  
MODIFIED BACKSHEET



**01** FRONT ELEVATION  
NI-001-1 SCALE: 1:40



**02** SIDE ELEVATION  
NI-001-1 SCALE: 1:40







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ARCHITECT

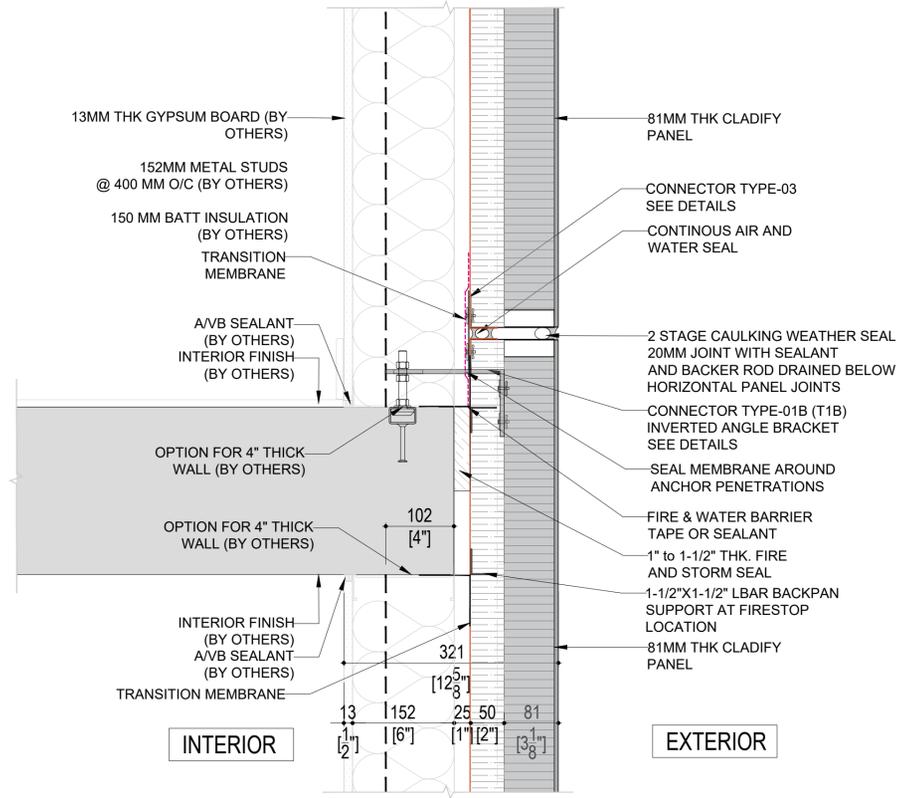
CLIENT

PROJECT TITLE  
**CLADIFAB  
CLADIFY/MITREX  
PREFAB WALL SYSTEM**

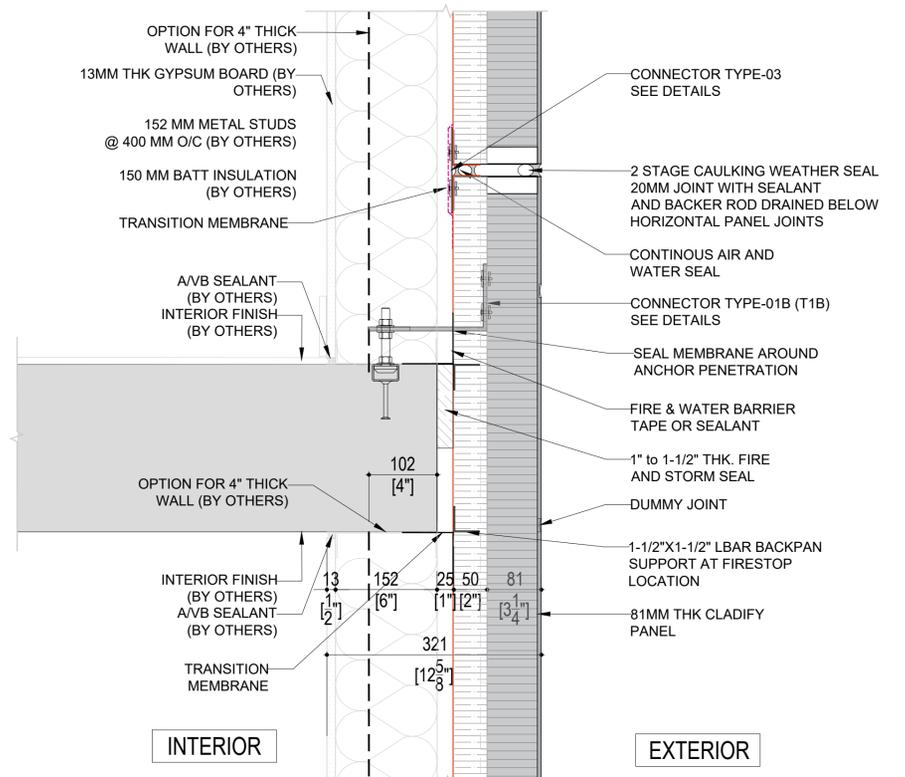
SHEET TITLE  
**DETAILS**

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

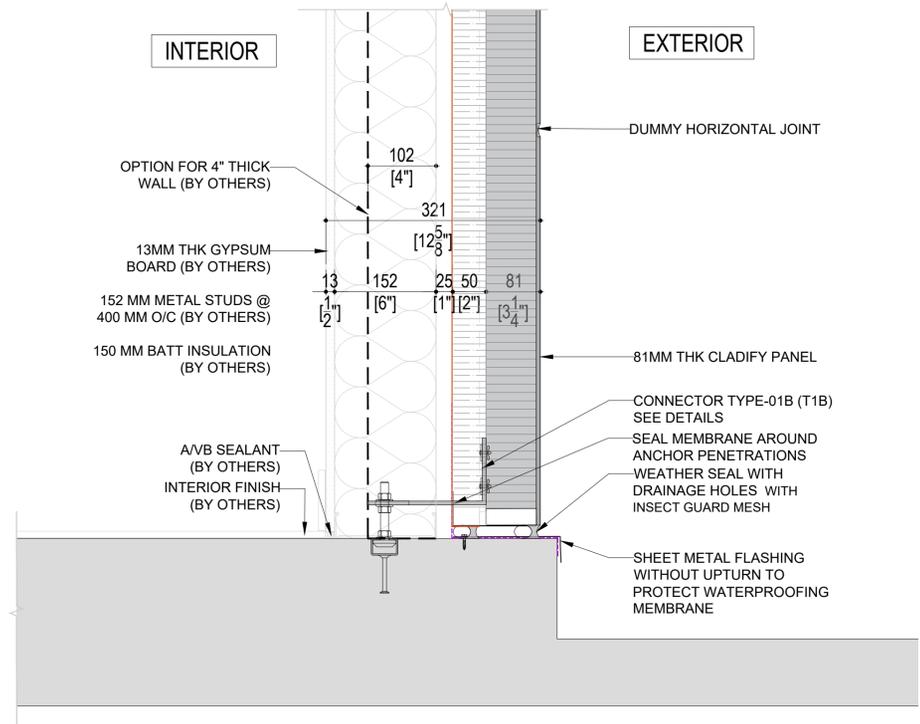
DRAWING NO:  
**NI-005 (Rev08.1)  
MODIFIED BACKSHEET**



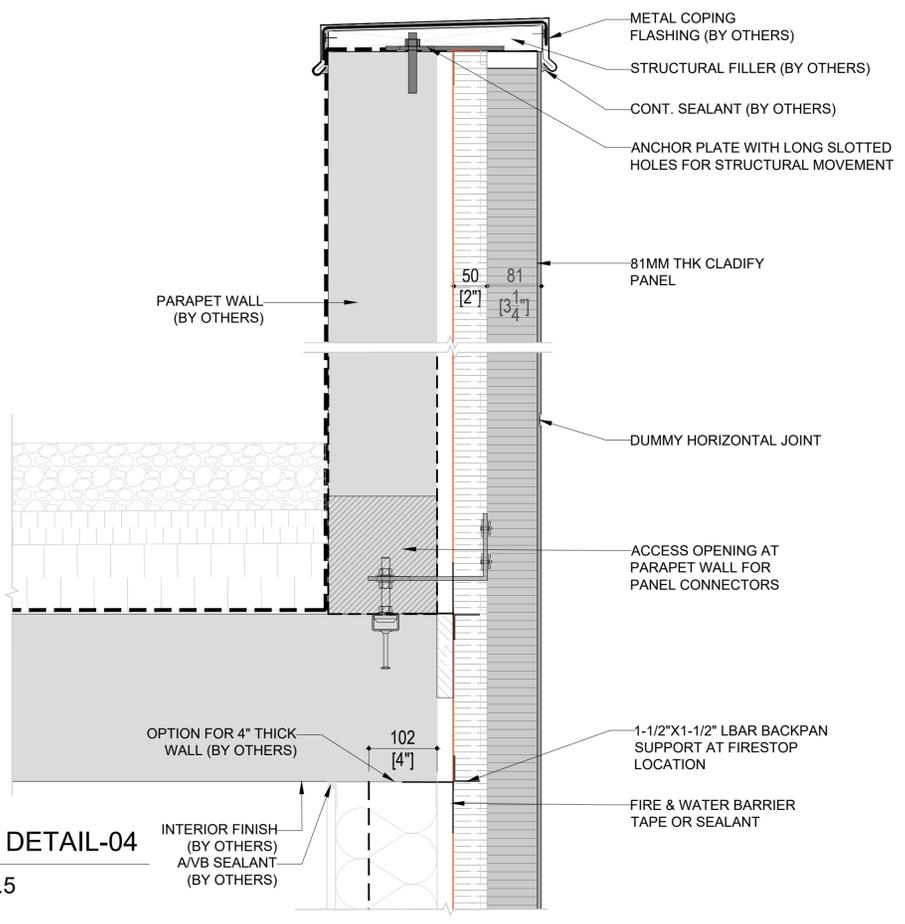
02 SECTION DETAIL-02  
NI-005 SCALE: 1:7.5



03 SECTION DETAIL-03  
NI-005 SCALE: 1:7.5



01 SECTION DETAIL-01  
NI-005 SCALE: 1:7.5



04 SECTION DETAIL-04  
NI-005 SCALE: 1:7.5



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  3. ALL CLADIFY PANELS ARE PORCELAIN FACING WITH ALUMINUM HONEY COMB BACKING.
- NOTE:
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  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
  13. PRINT IN COLOR

ABBREVIATIONS:

|                        |                 |
|------------------------|-----------------|
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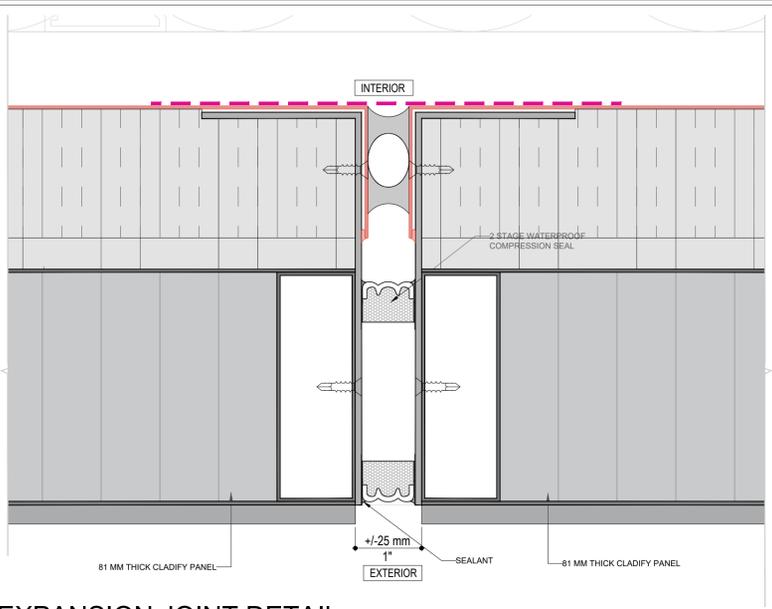
CLIENT

PROJECT TITLE  
**CLADIFAB**  
 CLADIFY/MITREX  
 PREFAB WALL SYSTEM

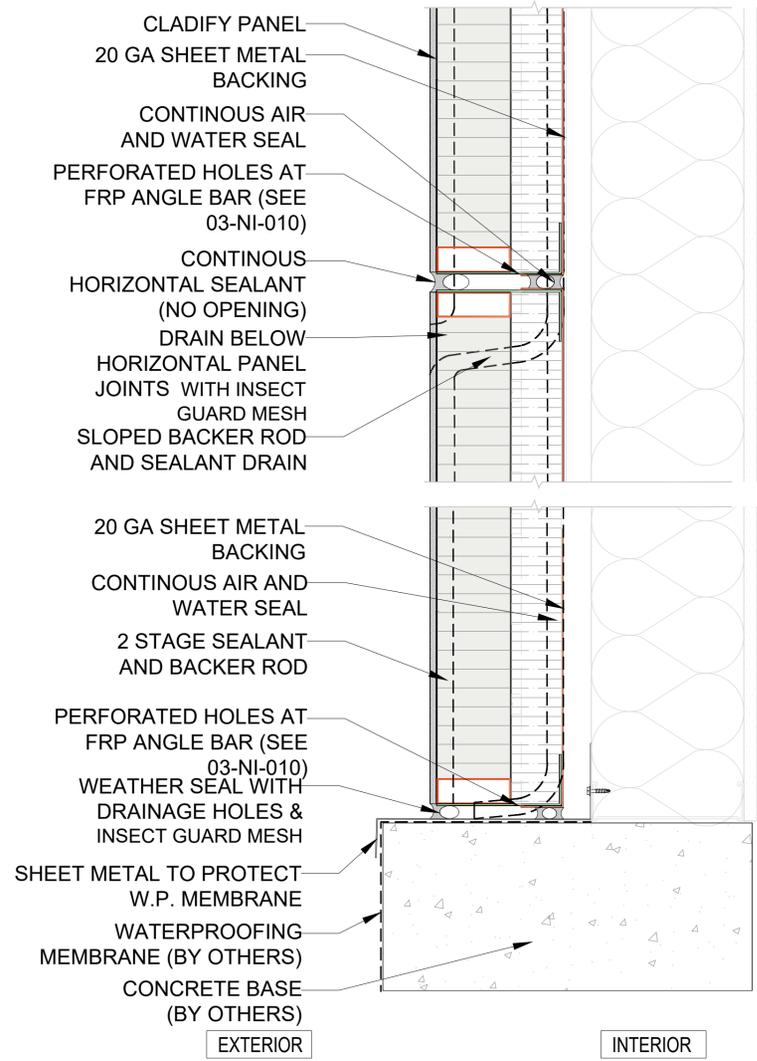
SHEET TITLE  
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INFORMATION  
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 SCALE: AS INDICATED  
 DRAWN BY: GC  
 MEASURED BY:  
 CHECKED BY: AR / AS

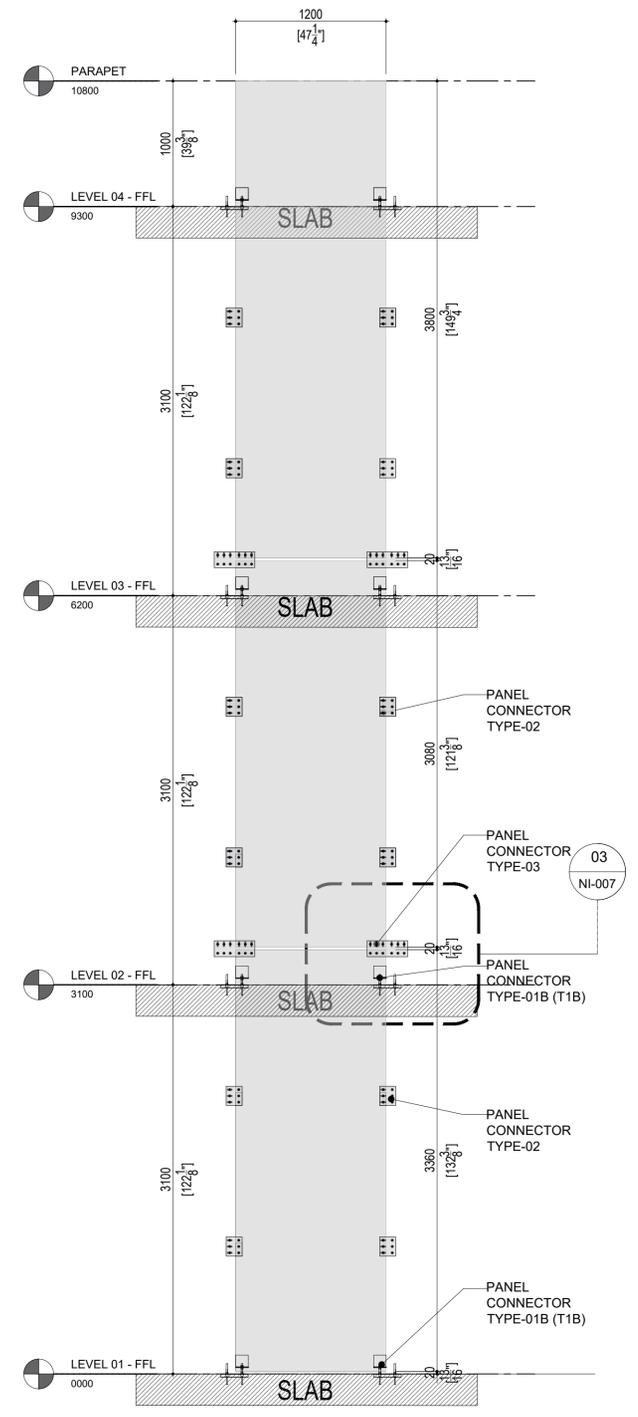
DRAWING NO:  
 NI-007 (Rev08.1)  
 MODIFIED BACKSHEET



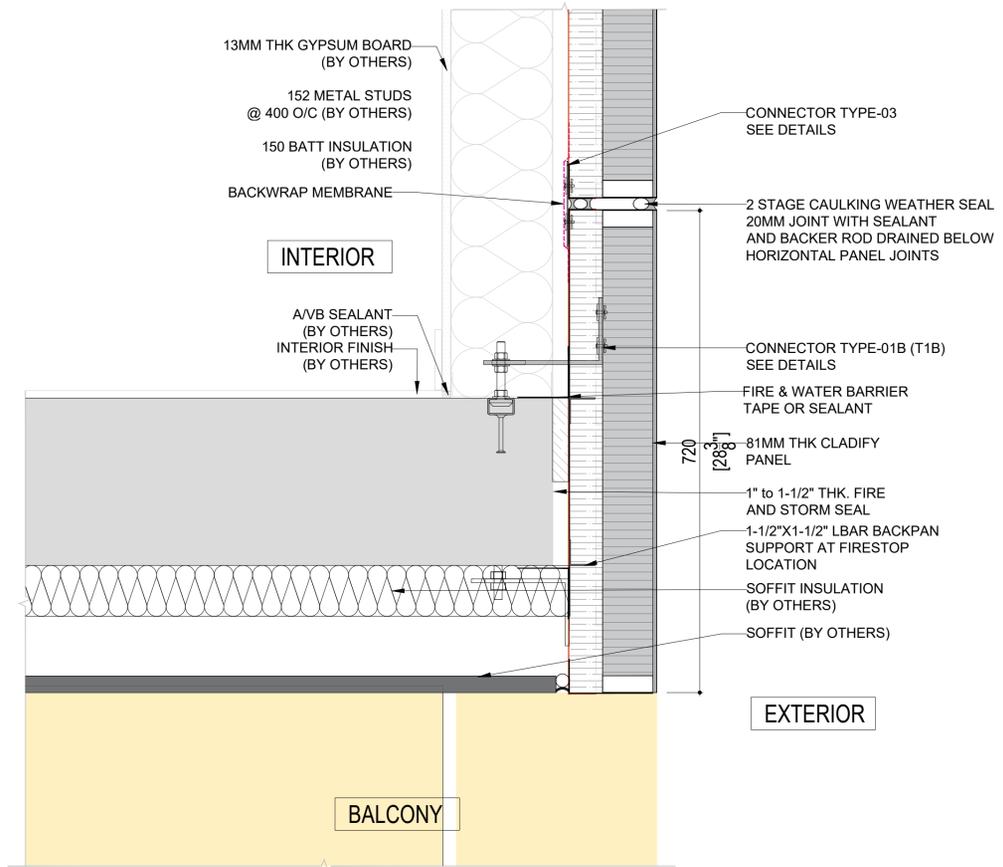
03 PANEL EXPANSION JOINT DETAIL  
 NI-007 NDTs



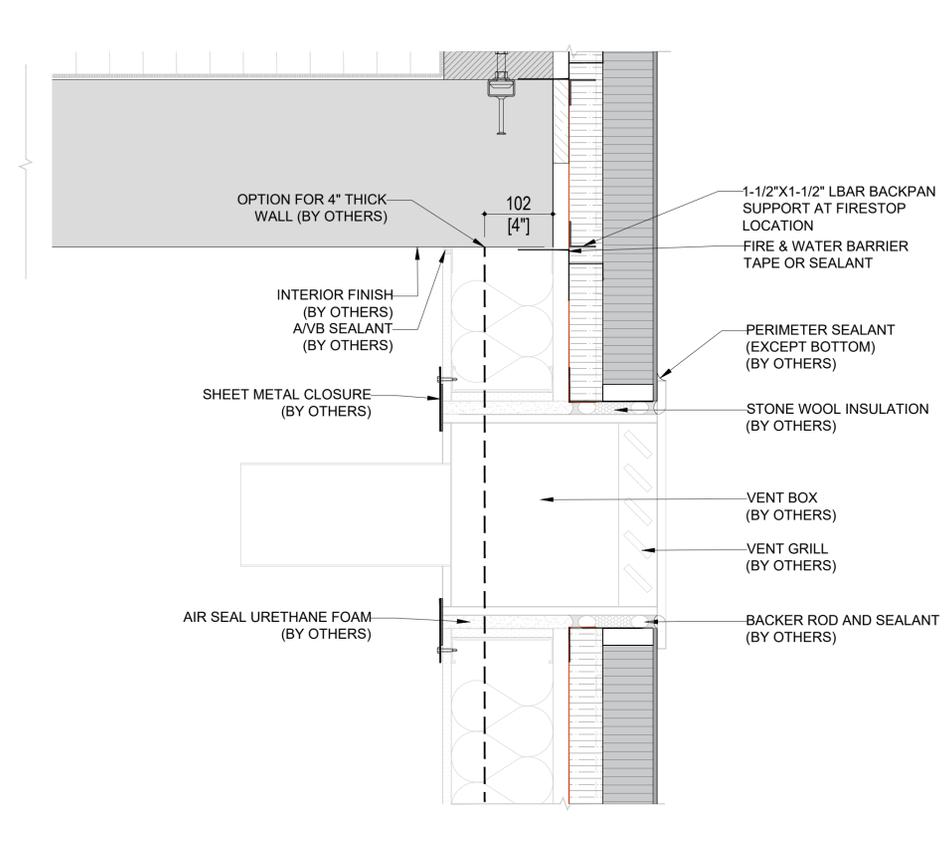
01 PANEL SECTION DETAILS  
 NI-007 -



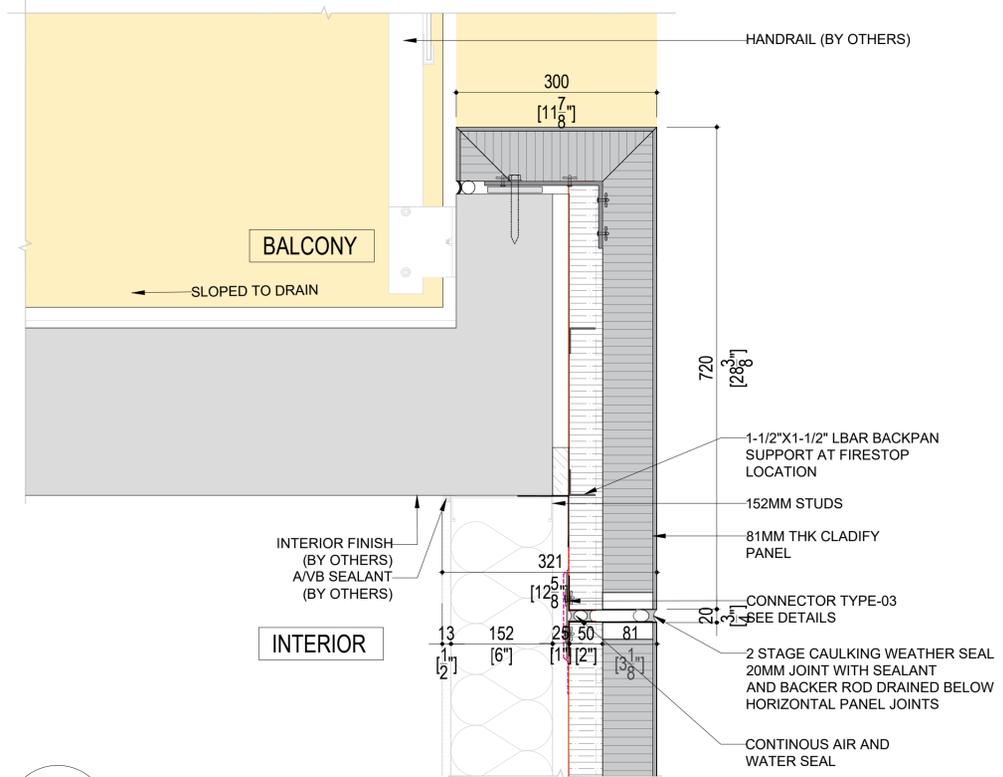
02 SINGLE LINE PANEL INTERNAL ELEVATION  
 NI-007 -



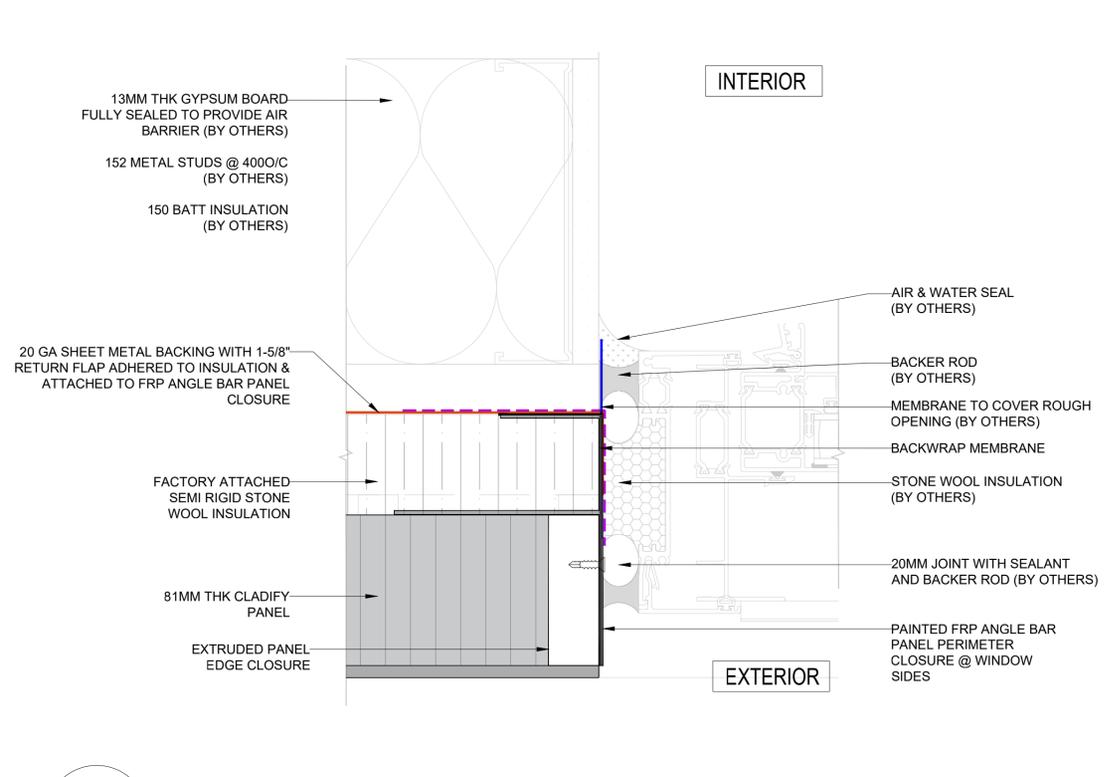
**02 SECTION DETAIL-02**  
NI-008 SCALE: 1:7.5



**03 SECTION DETAIL-03**  
NI-008 SCALE: 1:7.5



**01 SECTION DETAIL-01**  
NI-008 SCALE: 1:7.5



**04 PLAN SPOT DETAIL-01 - WINDOW SIDE**  
NI-008 SCALE: 1:2.5

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

CLIENT

PROJECT TITLE  
**CLADIFAB  
CLADIFY/MITREX  
PREFAB WALL SYSTEM**

SHEET TITLE  
**DETAILS**

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

DRAWING NO:  
**NI-008 (Rev08.1)  
MODIFIED BACKSHEET**

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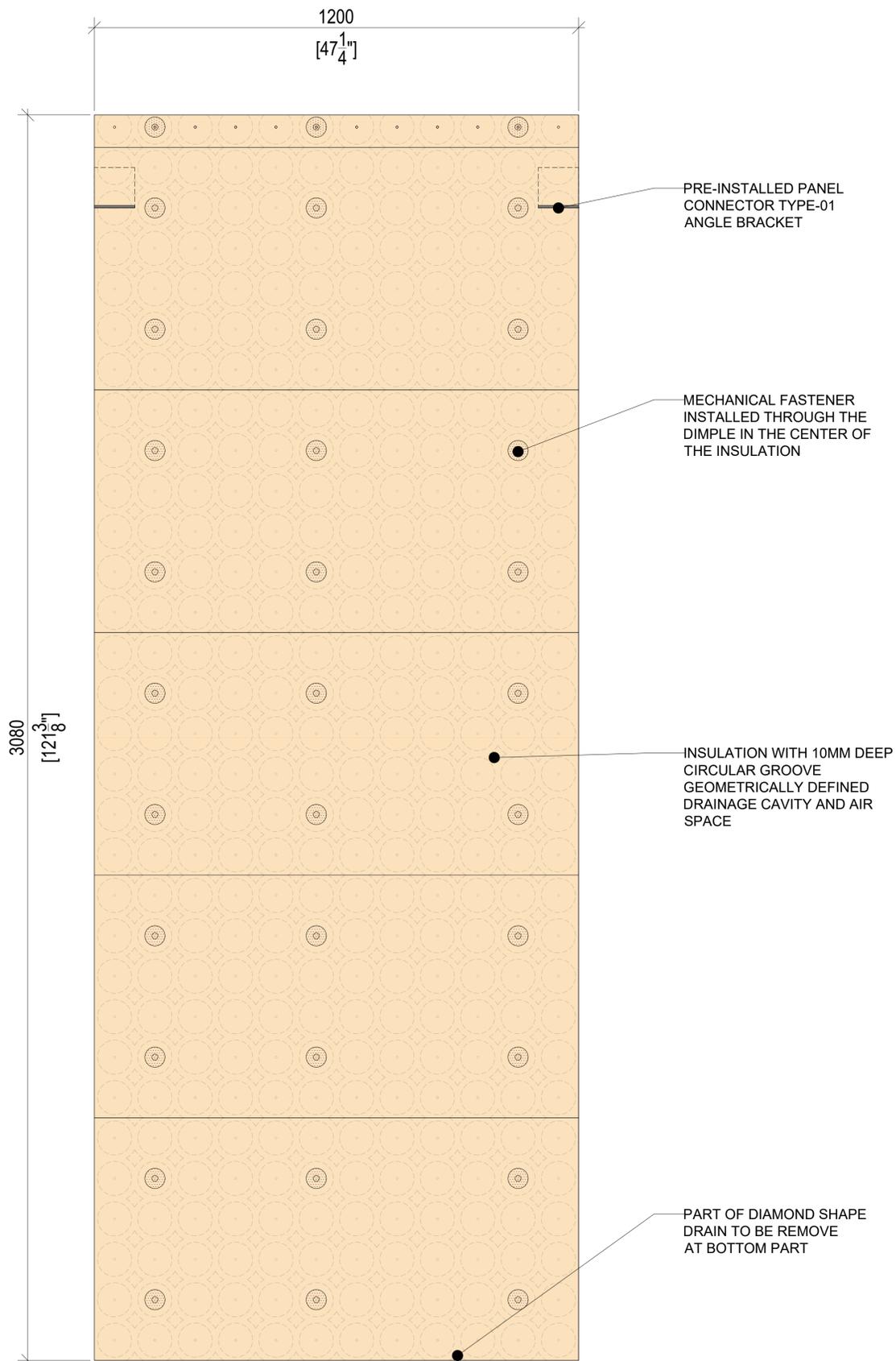
CLIENT

PROJECT TITLE  
**CLADIFAB**  
 CLADIFY/MITREX  
 PREFAB WALL SYSTEM

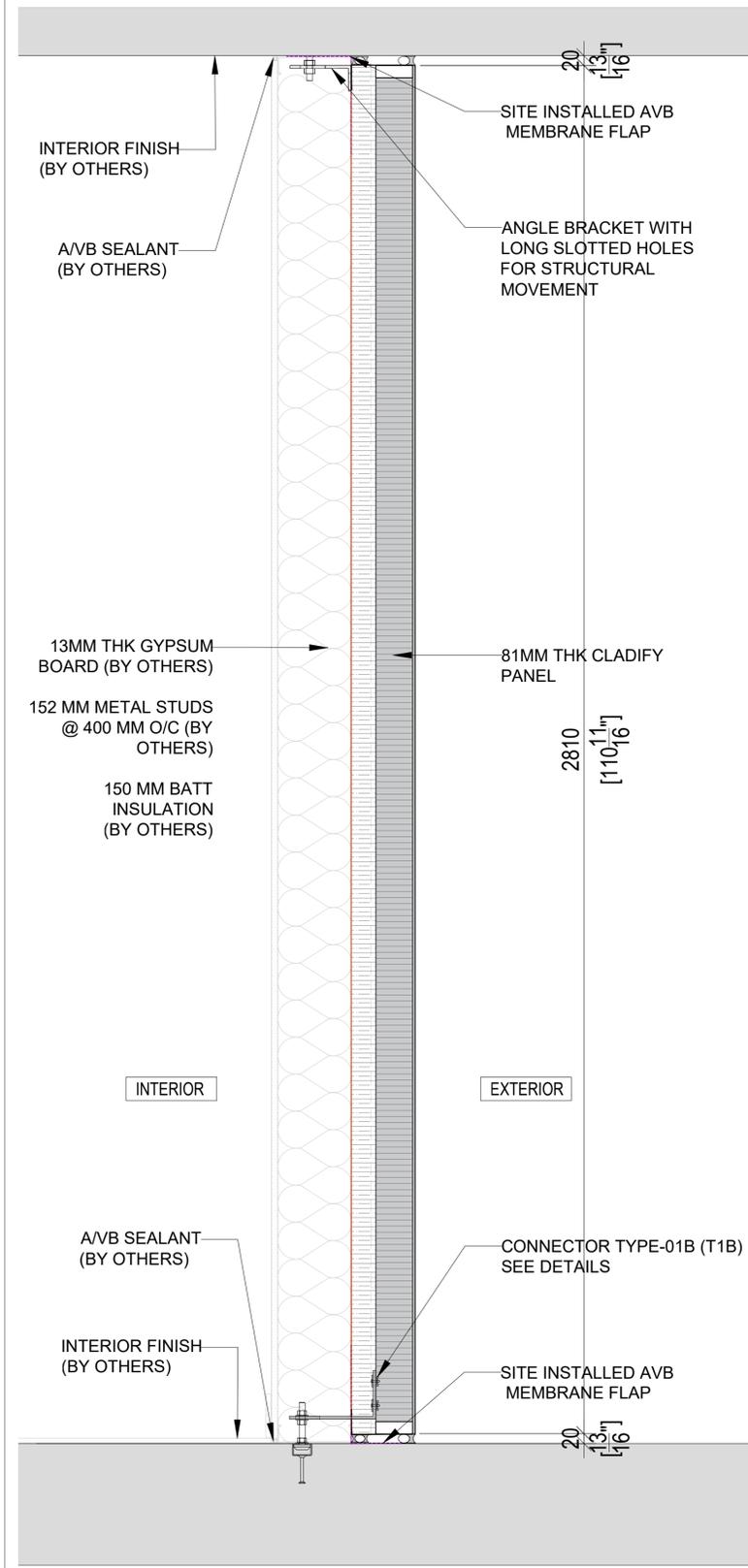
SHEET TITLE  
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 SCALE: AS INDICATED  
 DRAWN BY: GC  
 MEASURED BY:  
 CHECKED BY: AR / AS

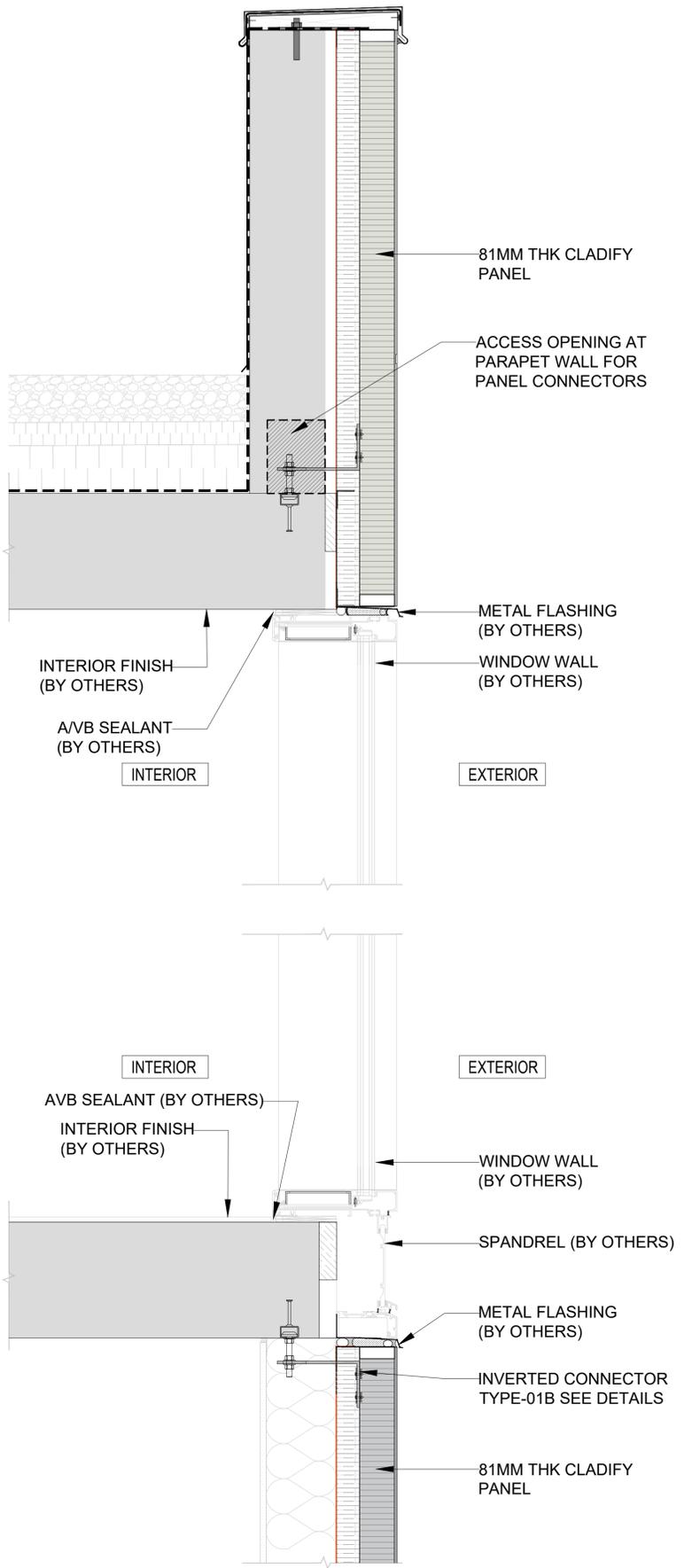
DRAWING NO:  
 NI-009 (Rev08.1)  
 MODIFIED BACKSHEET



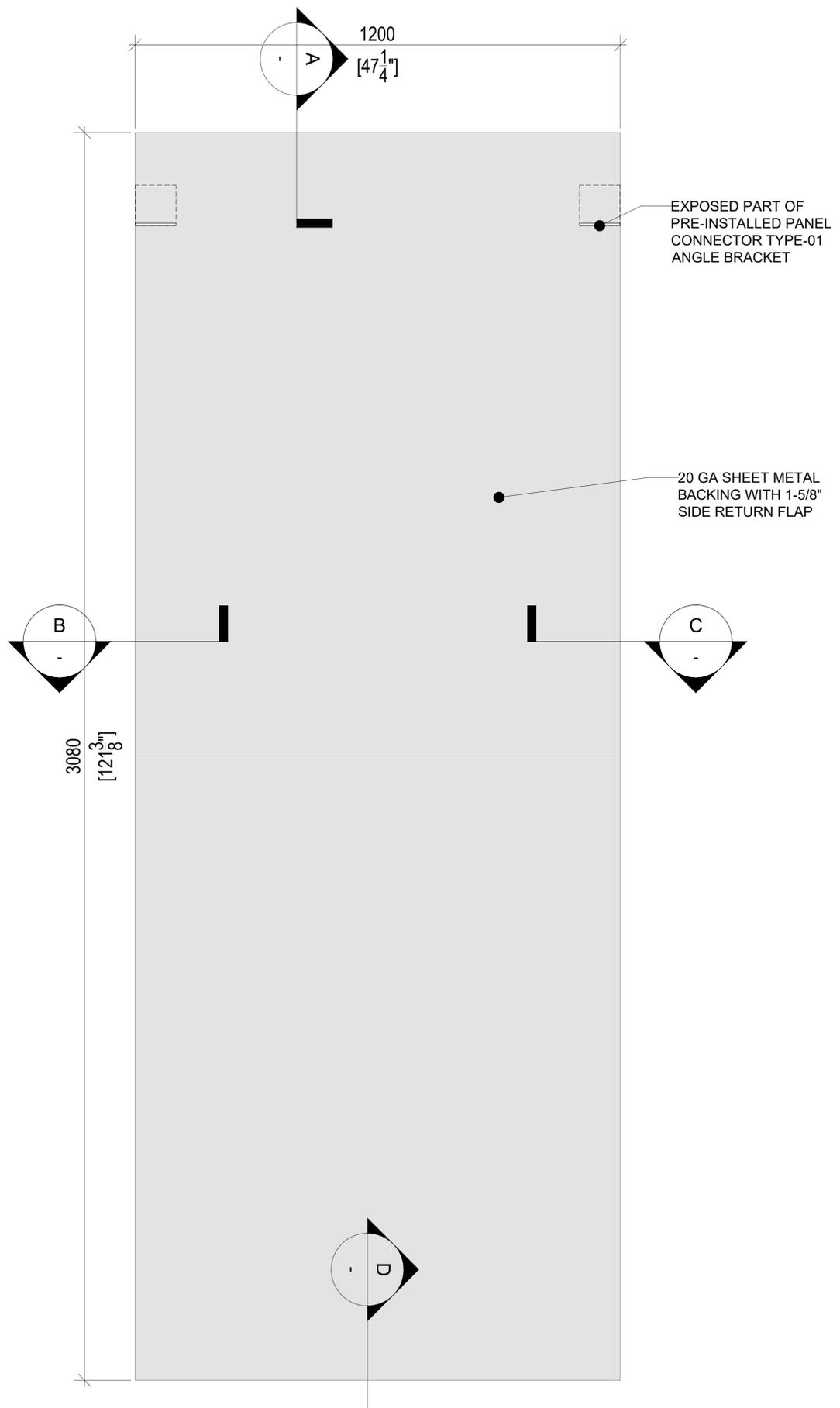
01 PRE-INSTALLED INSULATION  
 NI-009 PANEL INTERNAL ELEVATION



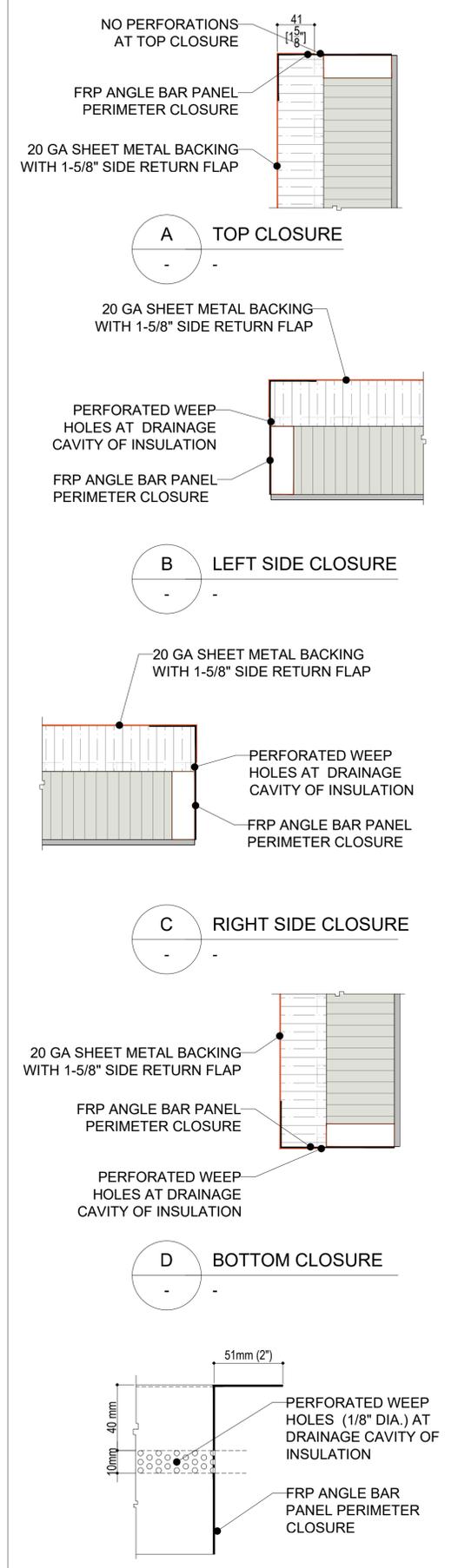
02 WALL SECTION @ BALCONY  
 NI-009 SCALE: 1:10



**01** WALL SECTION @ WINDOW WALL  
NI-010 SCALE: 1:10



**02** BACK PANEL ELEVATION  
NI-010 PANEL INTERNAL ELEVATION



**03** FRP ANGLE BAR PERFORATIONS  
NI-010 -

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ARCHITECT

CLIENT

PROJECT TITLE

**CLADIFAB**  
CLADIFY/MITREX  
PREFAB WALL SYSTEM

SHEET TITLE

DETAILS

INFORMATION

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

DRAWING NO:

NI-010 (Rev08.1)  
MODIFIED BACKSHEET



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ARCHITECT

CLIENT

PROJECT TITLE

**CLADIFAB**  
CLADIFY/MITREX  
PREFAB WALL SYSTEM

SHEET TITLE

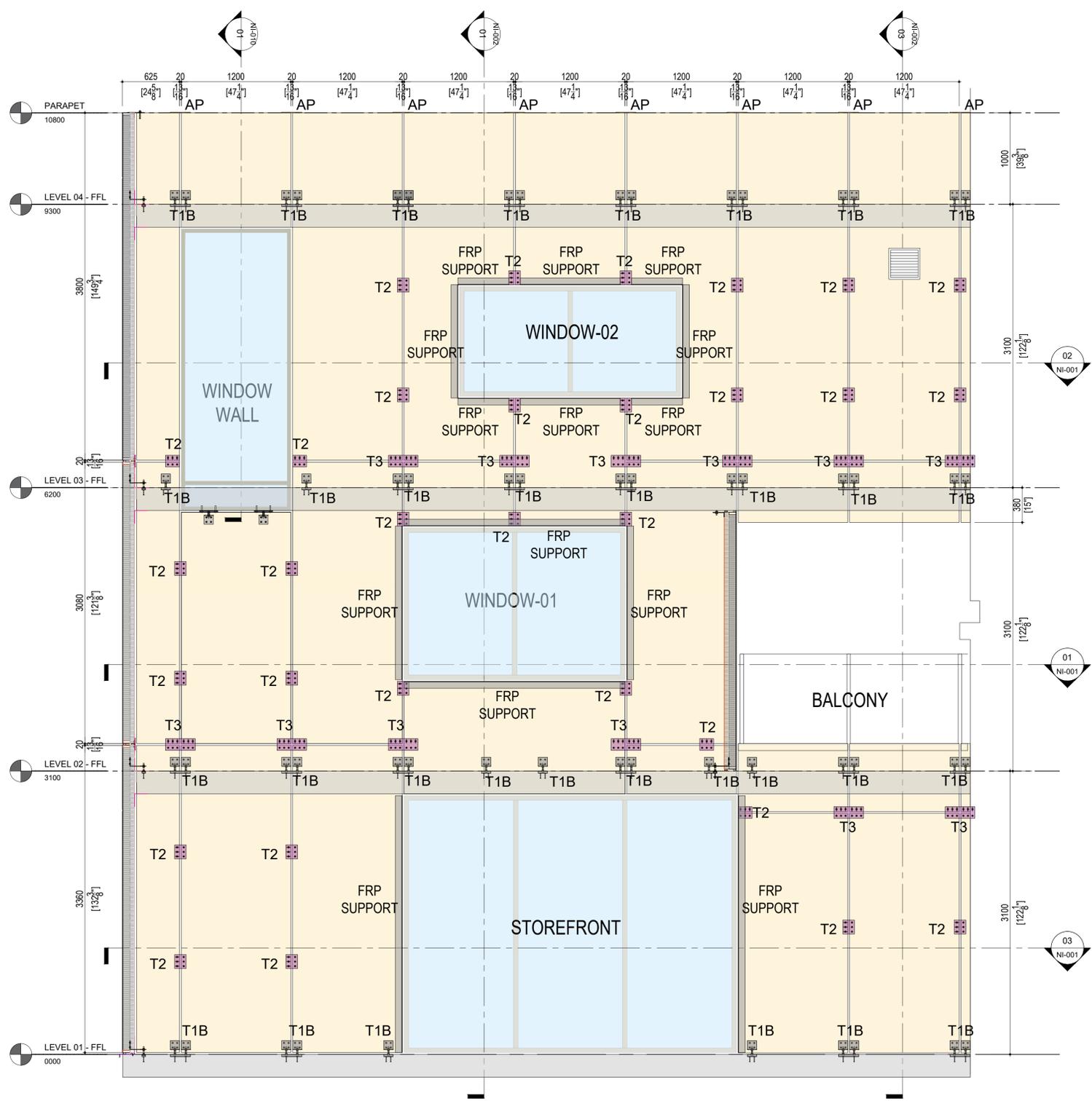
INTERNAL WALL ELEVATIONS

INFORMATION

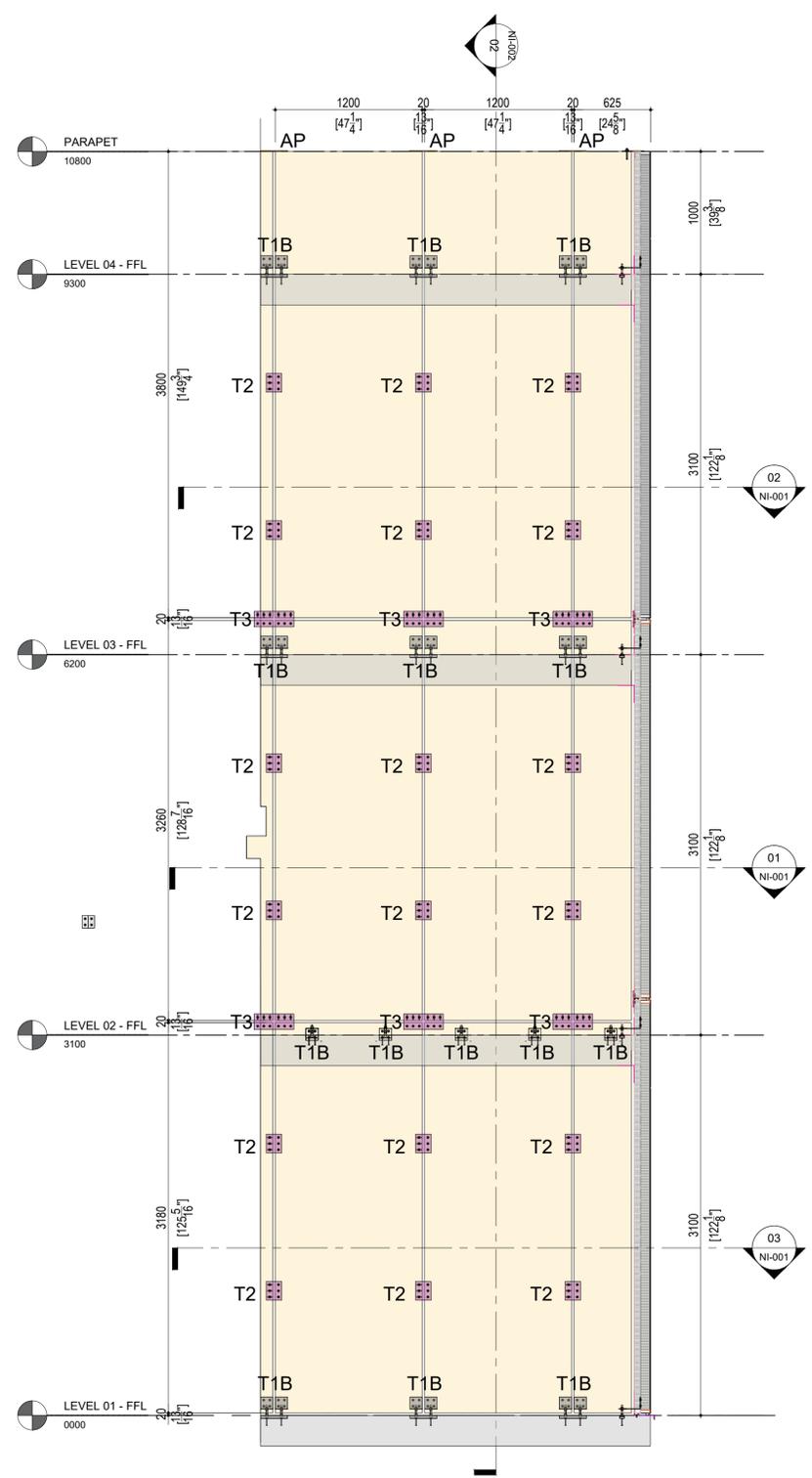
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SCALE: AS INDICATED  
DRAWN BY: GC  
MEASURED BY:  
CHECKED BY: AR / AS

DRAWING NO:

NI-012 (Rev08.1)  
MODIFIED BACKSHEET



01 FRONT WALL INTERNAL ELEVATION  
NI-012



02 SIDE WALL INTERNAL ELEVATION  
NI-012