



MITREX / CLADIFY

41 RACINE ROAD

CLIENT: CLADIFY / MITREX

ARCHITECT:

CLADIFAB

CLADIFY / MITREX PREFAB WALL SYSTEM

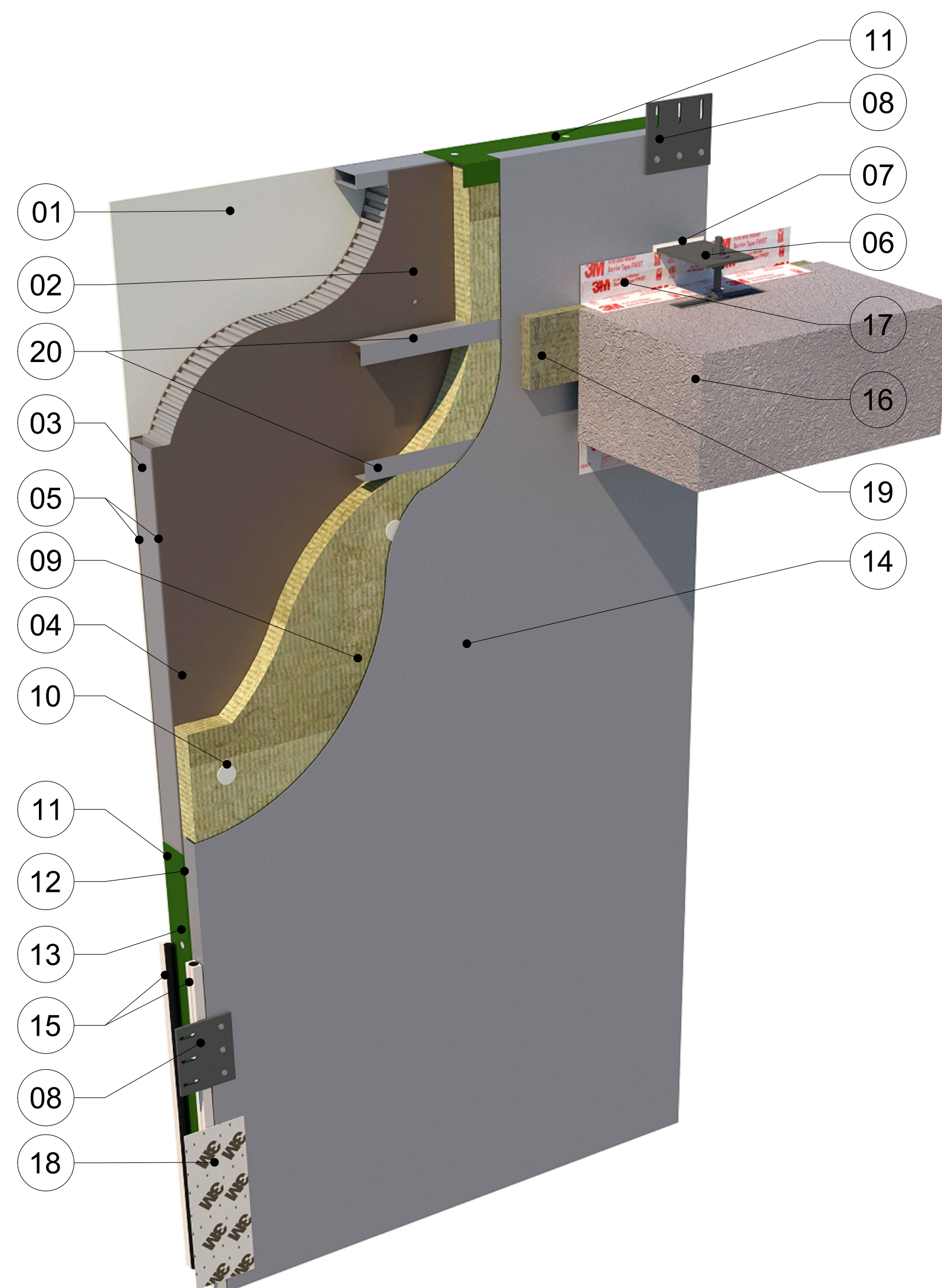
REV-08.1 (MODIFIED BACKSHEET)

Date: APRIL 01, 2024

NOTE : PRINT IN COLOR

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 EXPUNDED 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 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 1/4" RIP RETURN FLAP ADHERED TO INSULATION & ATTACHED TO FRP ANGLE BAR PANEL CLOSURE
- 15 → 2 STAGE CALLUQUE WEATHER SEAL 20MM JOINT WITH SEALANT 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" (LBR BACKPAN SUPPORT AT FIRESTOP LOCATION



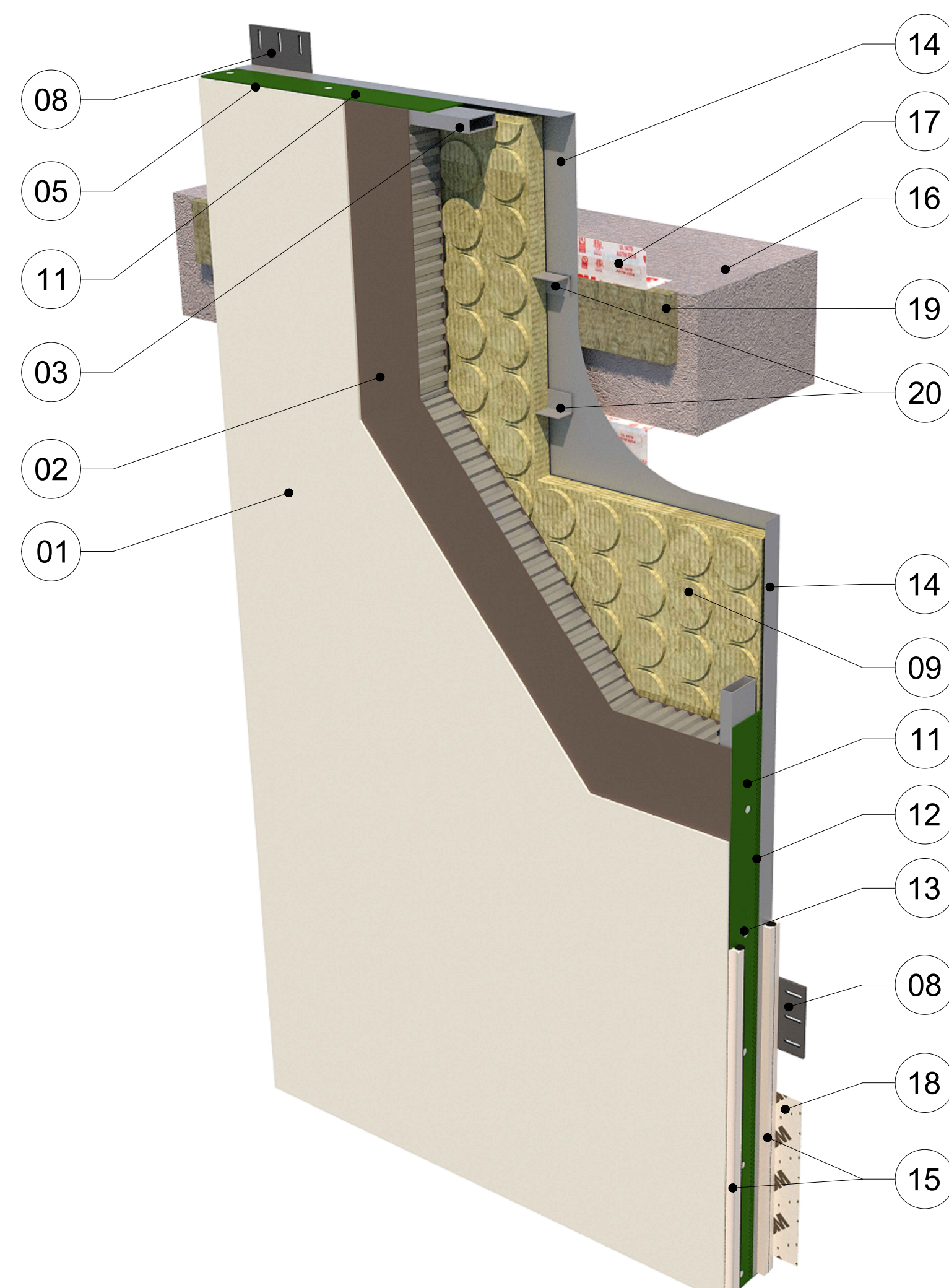
(12) PERFORATIONS

BACK OF PANEL VIEW



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- 04 → BUTTERFLY RIVETS
- 05 → CONTINUOUS SEALANT
- 06 → CONNECTOR TYPE-4B (CAST IN ANCHOR CHANNEL)
- 07 → SEALANT AROUND EXPOSED CONNECTORS
- 08 → CONNECTOR TYPE-42
- 09 → INSULATION WITH 10MM DEEP CIRCULAR GROOVE GEOMETRICALLY DEFINED DRAINAGE GUTTER 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 GUTTER OF INSULATION
- 13 → COUNTER SUNK SCREWS (COLOR TO MATCH FRP ANGLE BAR)
- 14 → 20 GA SHEET METAL BACKING WITH 1/8" RIB RETURN FLAP ADHERED TO INSULATION & ATTACHED TO FRP ANGLE BAR PANEL CLOSURE
- 15 → 2 STAGE CALKING 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 → 1/2X2" -1/2" LBAR BACKLAP SUPPORT AT FIRESTOP LOCATION



(12) PERFORATIONS

FRONT OF PANEL VIEW



01

NI-B

CLADIFY PANEL COMPONENTS

1

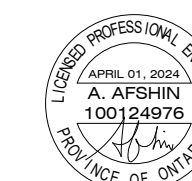
GENERAL NOTES:

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 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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B/O = BOTTOM OF
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M/E = MITERED EDGE

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



SEAL

[illegible]

REV.	YY-MM-DD	DESCRIPTION
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ARCHITECT

CLIENT

PROJECT TITLE

CLADIFAB
CLADIFY/MITREX
PREFAB WALL SYSTEM

SHEET TITLE

CLADIFY PANEL COMPONENTS

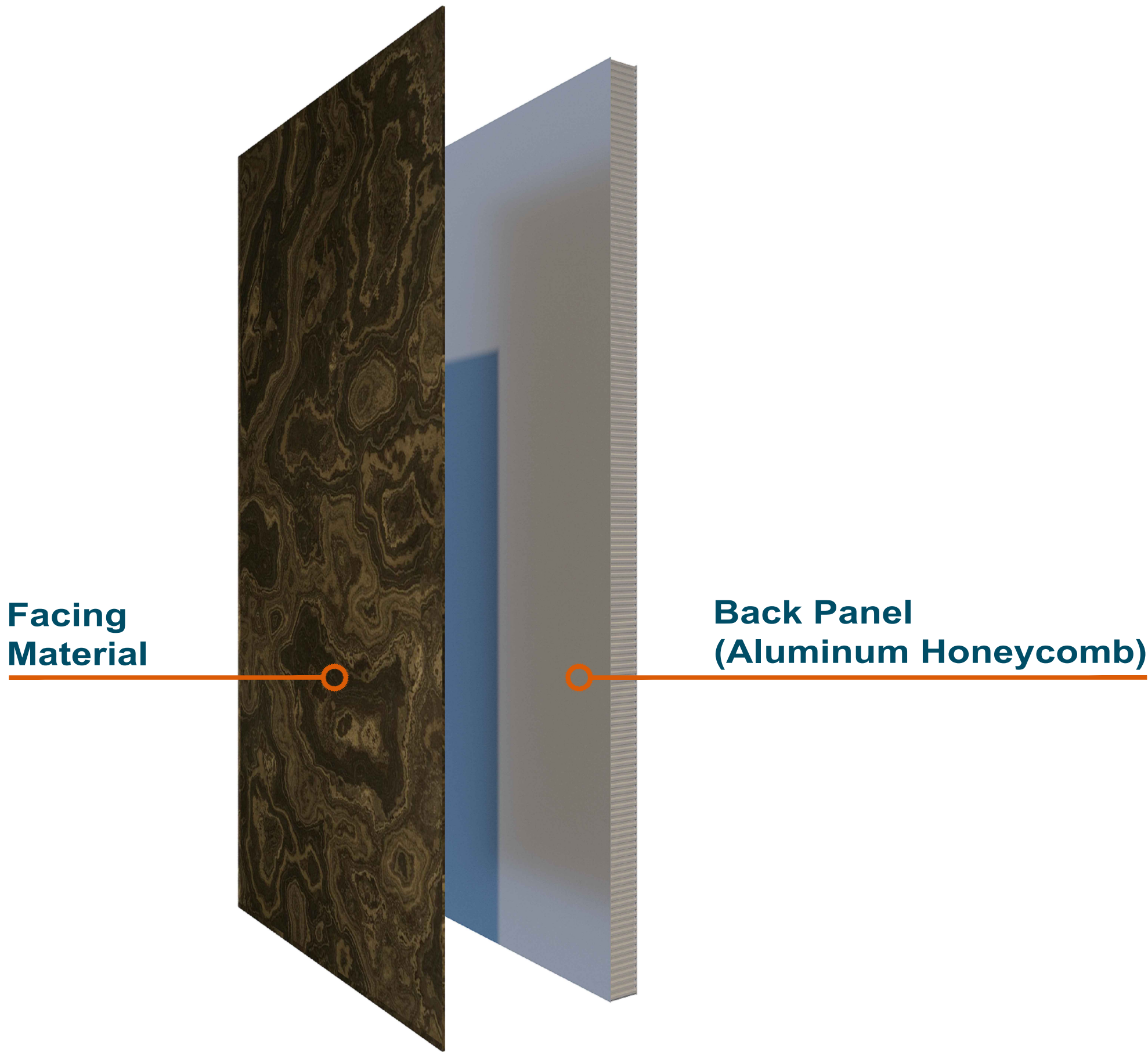
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DATE: 2024-04-01
SCALE: AS INDICATED
DRAWN BY: GC
MEASURED BY:
CHECKED BY: AR / AS

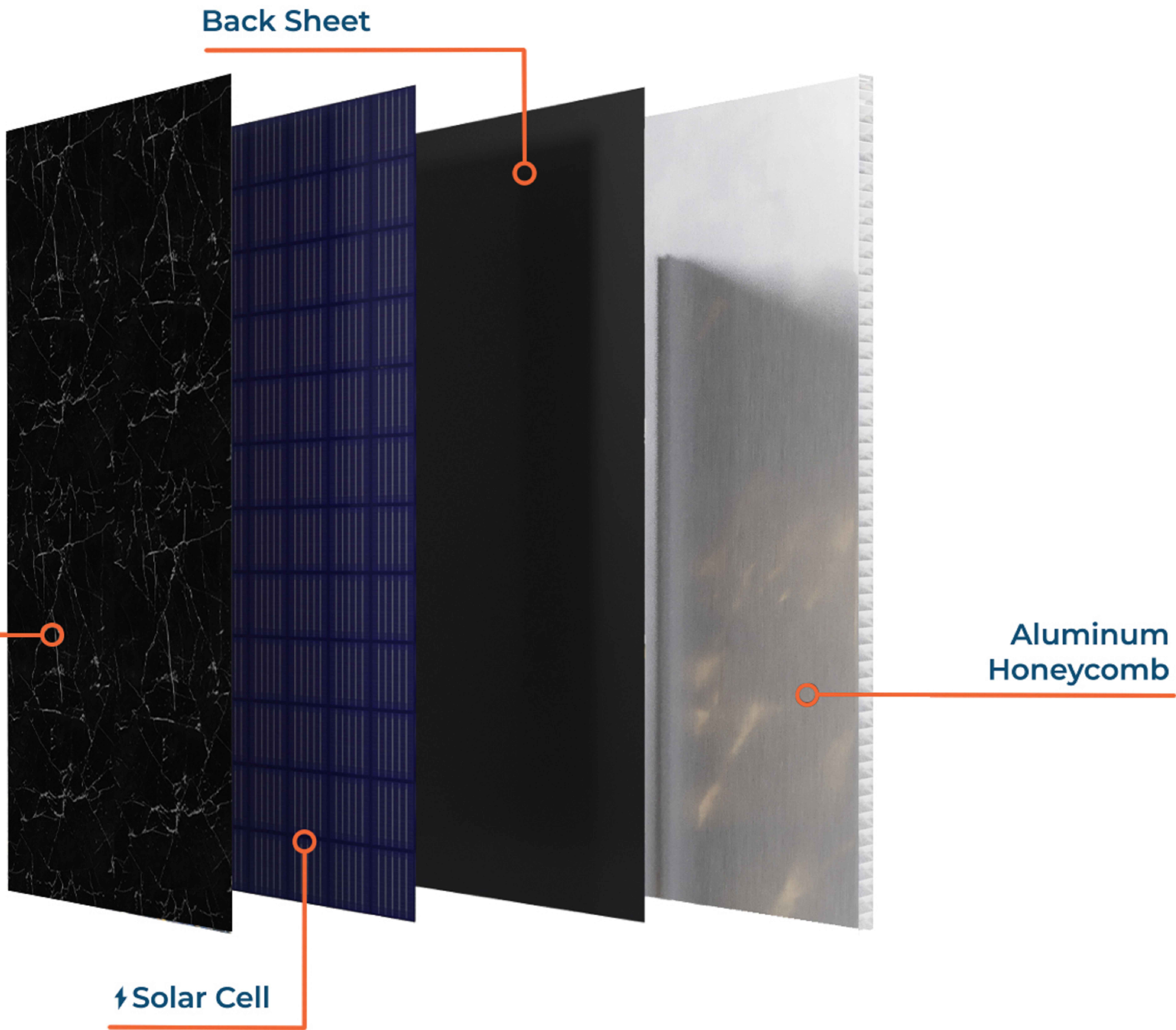
DRAWING NO:

NI-B (Rev08.1)
MODIFIED BACKSHEET

CLADIFY PANEL COMPOSITION :



MITREX PANEL COMPOSITION :

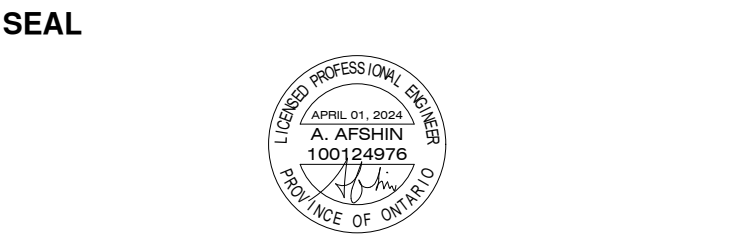


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REV.	YY-MM-DD	DESCRIPTION
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ARCHITECT

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CLIENT

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CLADIFAB
CLADIFY/MITREX
PREFAB WALL SYSTEM

SHEET TITLE

ARCHITECTURAL FINISHES

INFORMATION

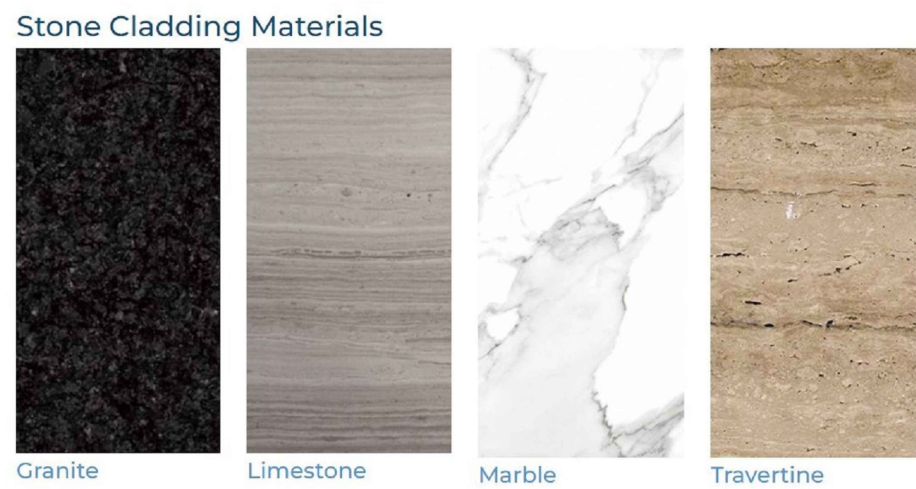
DATE: 2024-04-01
SCALE: AS INDICATED
DRAWN BY: GC
MEASURED BY:
CHECKED BY: AR / AS

DRAWING NO:

NI-C (Rev08.1)
MODIFIED BACKSHEET

INTERCHANGEABLE ARCHITECTURAL FINISHES

NATURAL STONE FACING



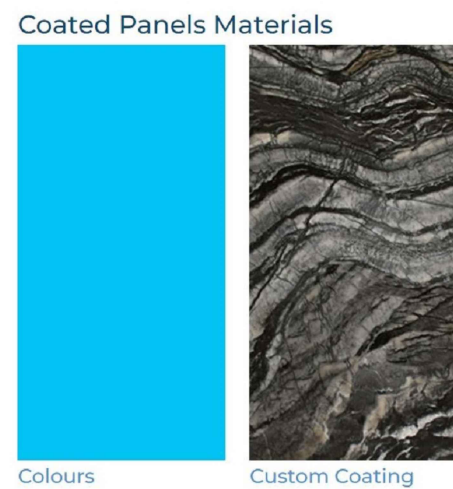
PORCELAIN FACING



BRICK FACING



PAINTED/COATED METAL FACING



FOR COMPLETE
ARCHITECTURAL
FINISHES OPTIONS :



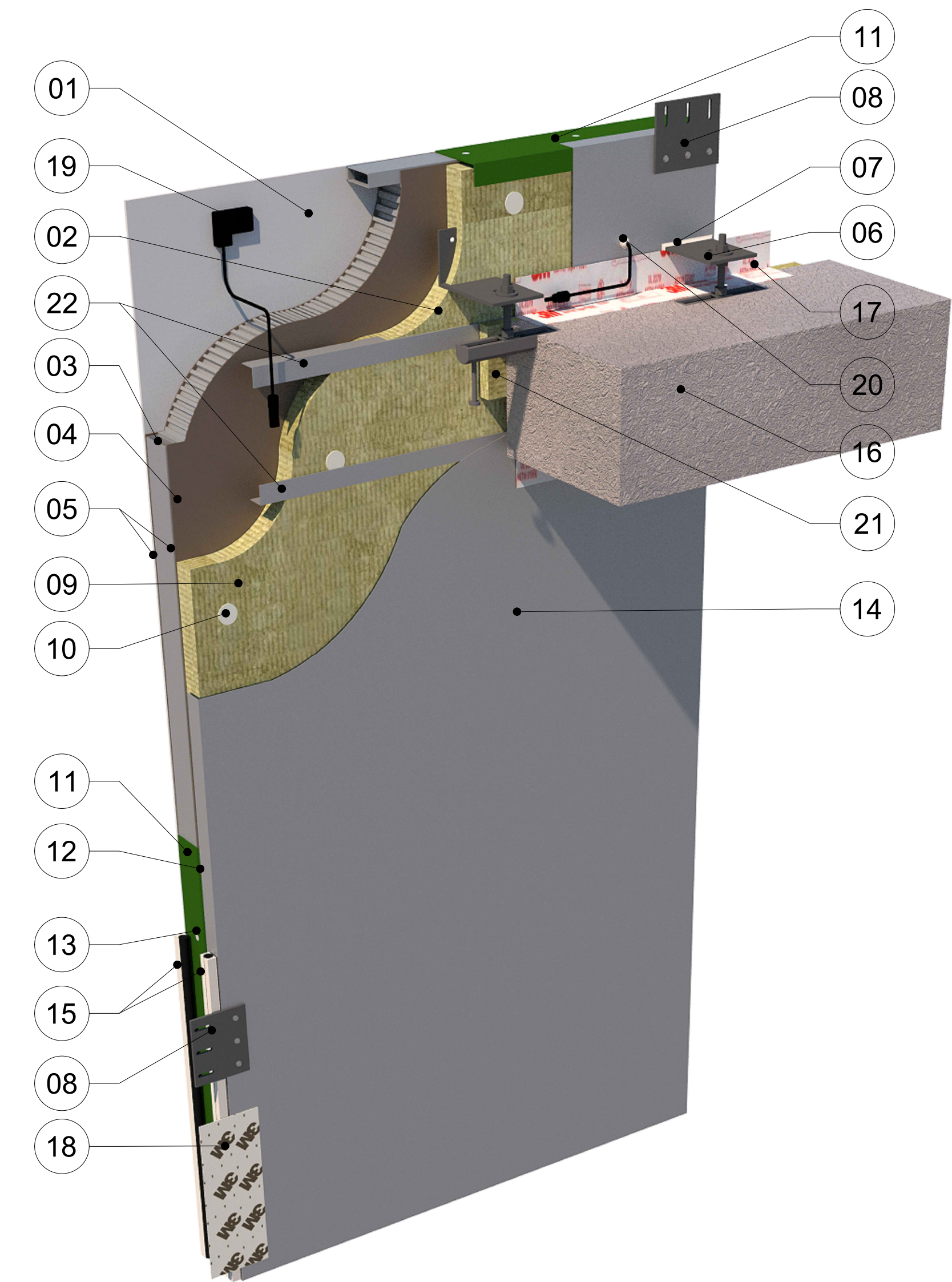
MITREX BIPV FACING



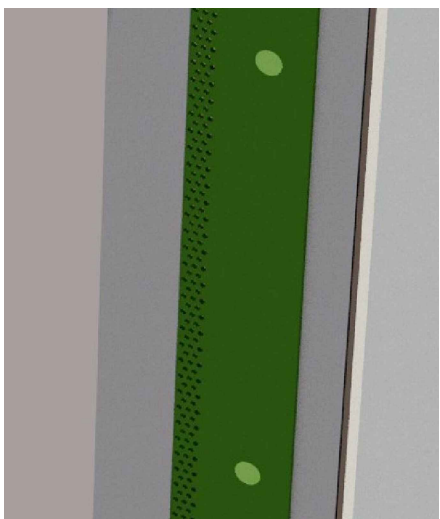
FOR COMPLETE
BIPV FINISHES
OPTIONS :



SOLAR PRE-FAB SYSTEM COMPONENTS



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 - 19 → SOLAR PANEL JUNCTION BOX
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 - 21 → 1" TO 1-1/2" THK. FIRE AND STORM SEAL
 - 22 → 1-1/2"x1-1/2" LBAR BACKPAN SUPPORT AT FIRESTOP LOCATION

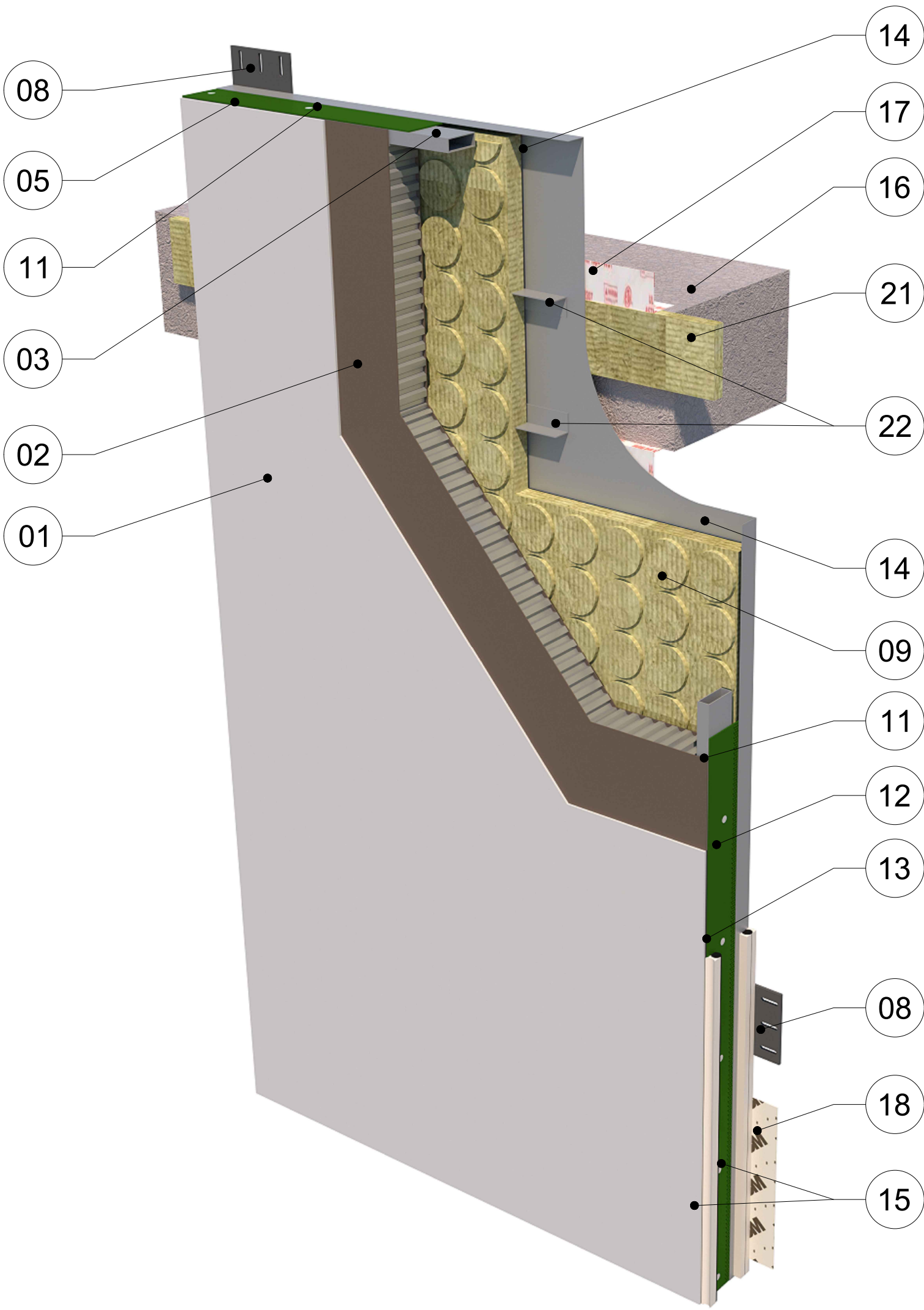


(12) PERFORATIONS

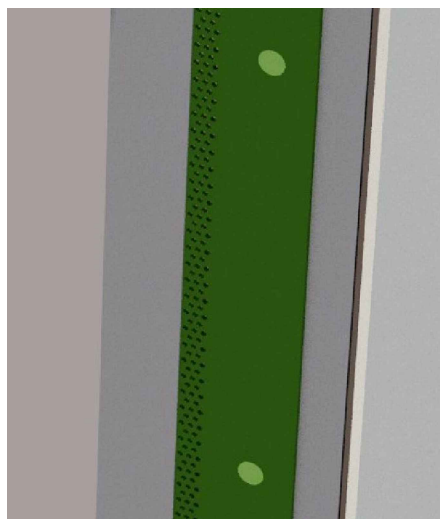
BACK OF PANEL VIEW



SOLAR PRE-FAB SYSTEM COMPONENTS



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(12) PERFORATIONS

FRONT OF PANEL VIEW



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REV.	YY-MM-DD	DESCRIPTION

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

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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

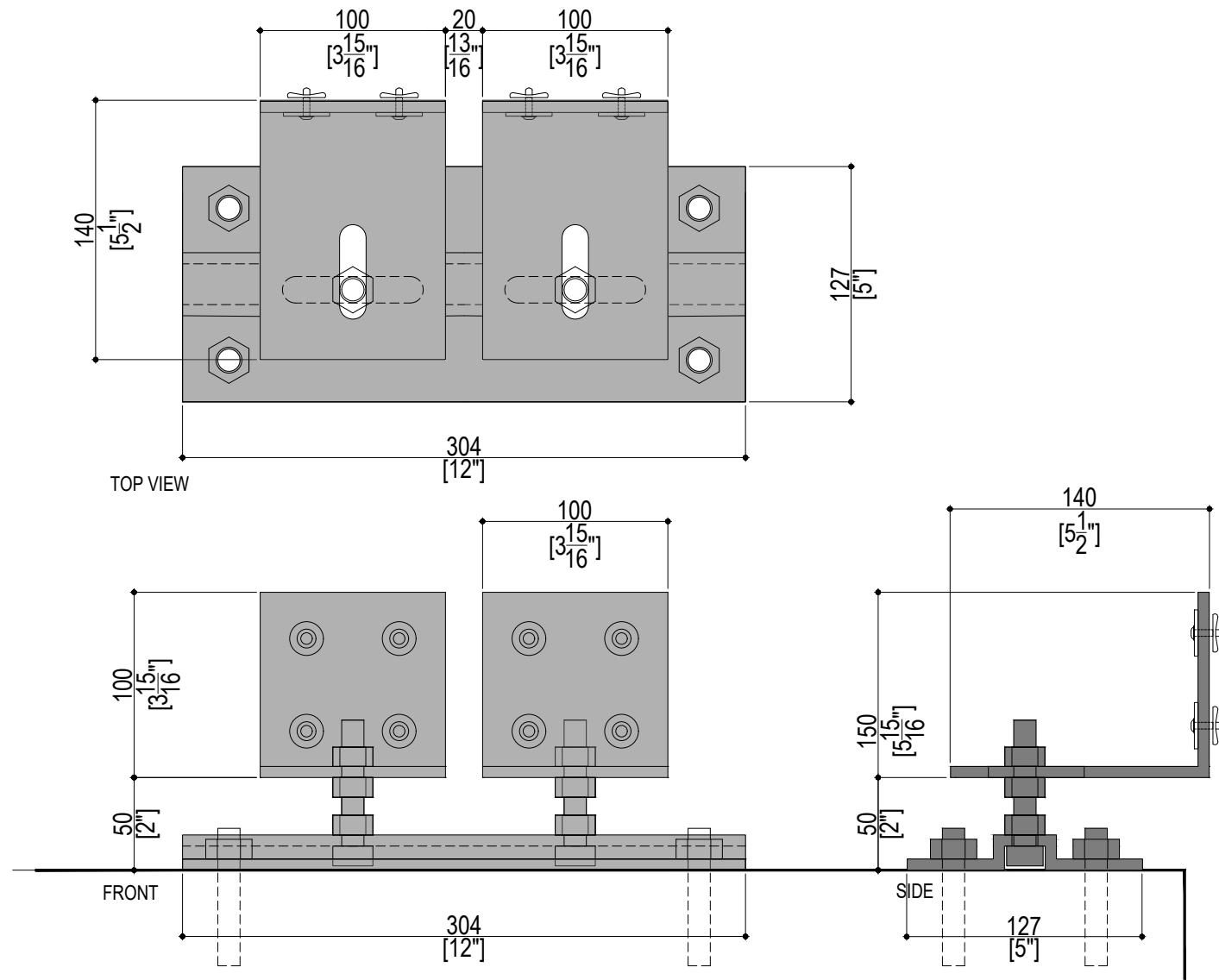
CONNECTOR DETAILS

INFORMATION

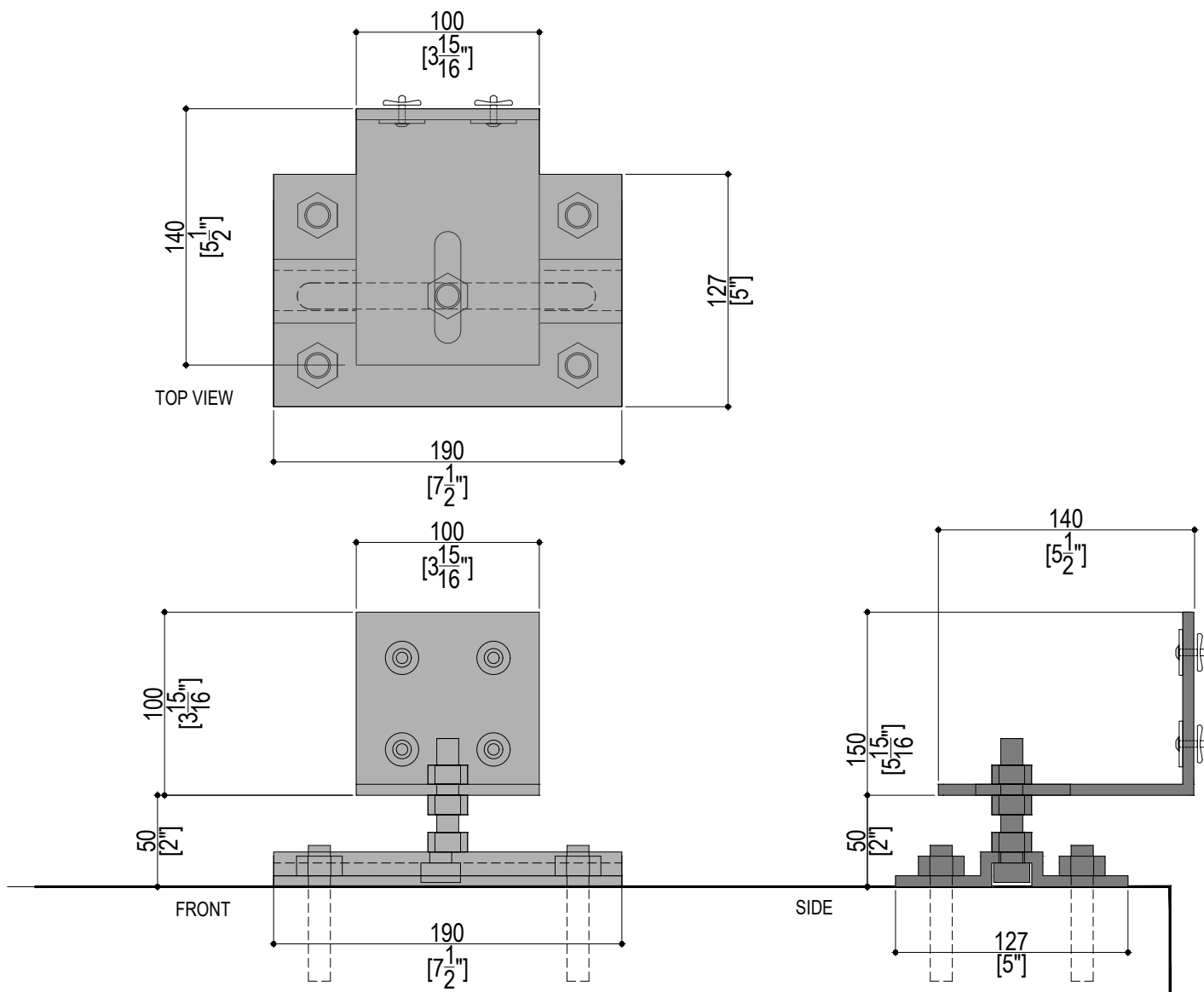
DATE: 2024-04-01
SCALE: AS INDICATED
DRAWN BY: GC
MEASURED BY:
CHECKED BY: AR / AS

DRAWING NO:

NI-E (Rev08.1)
MODIFIED BACKSHEET

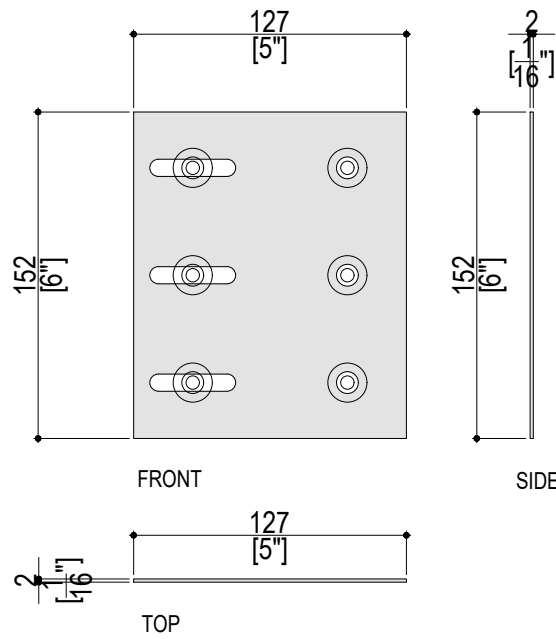
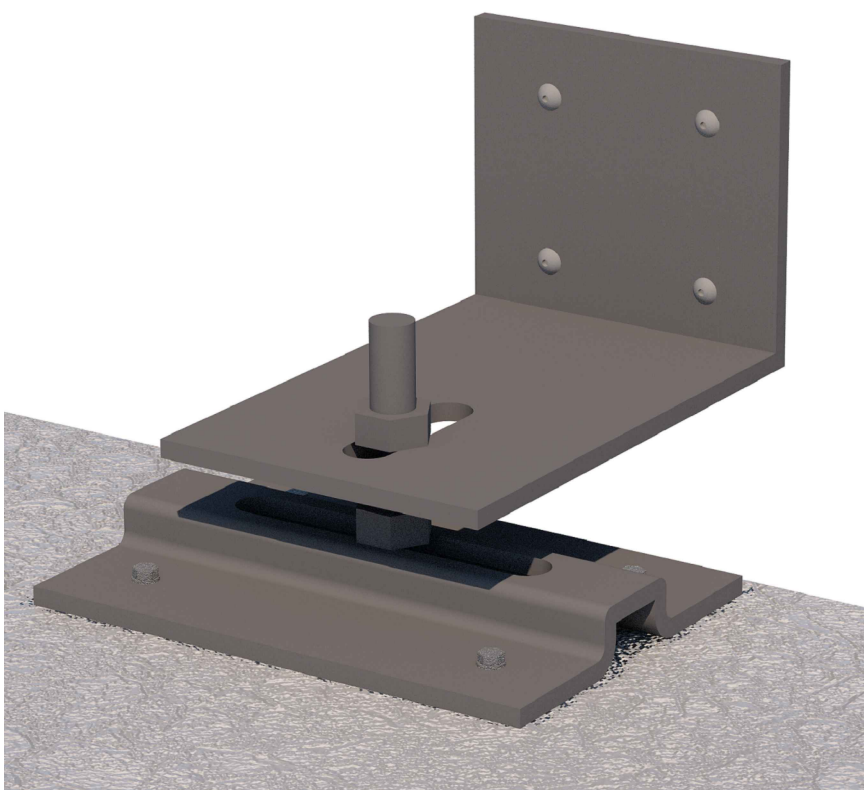
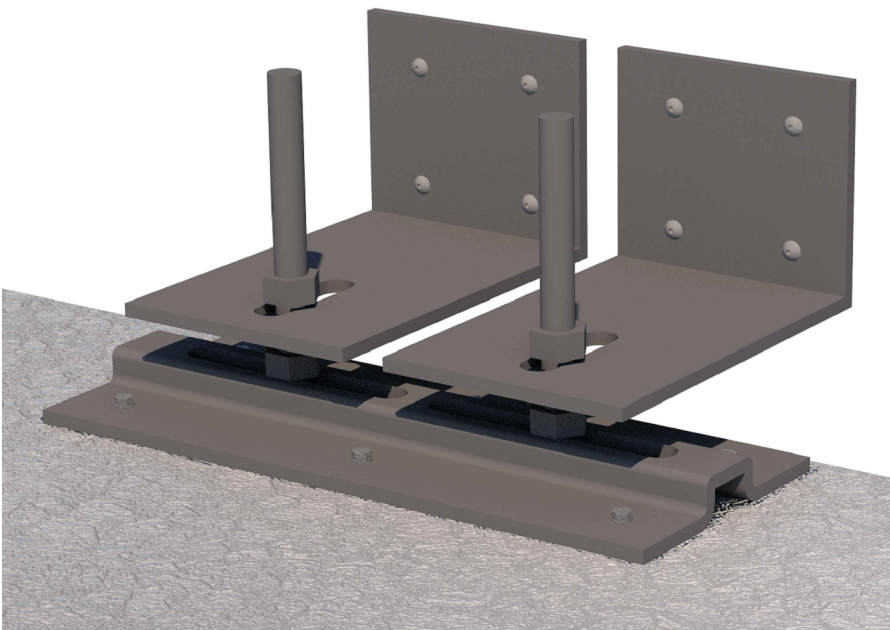


CONNECTOR TYPE - 01A (T1A) (DOUBLE)



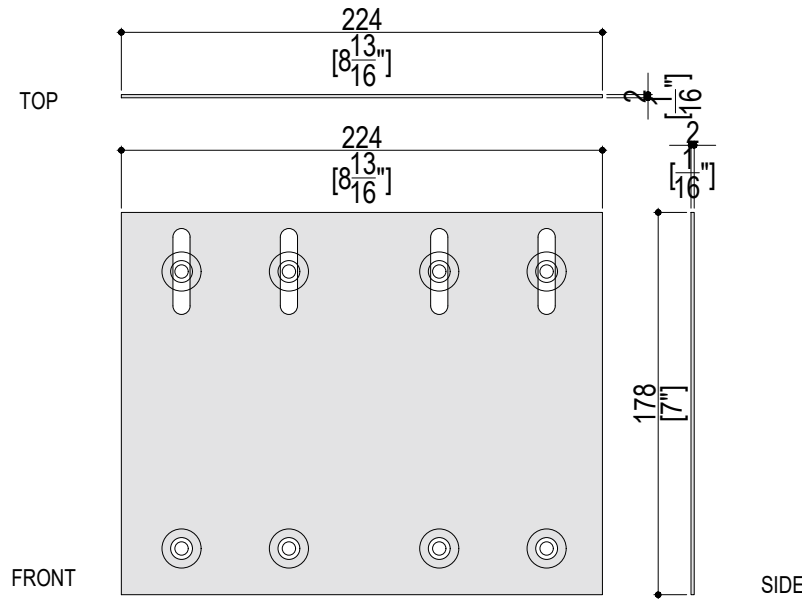
CONNECTOR TYPE - 01 (T1) (SINGLE)

TOP MOUNT BASE CONNECTORS



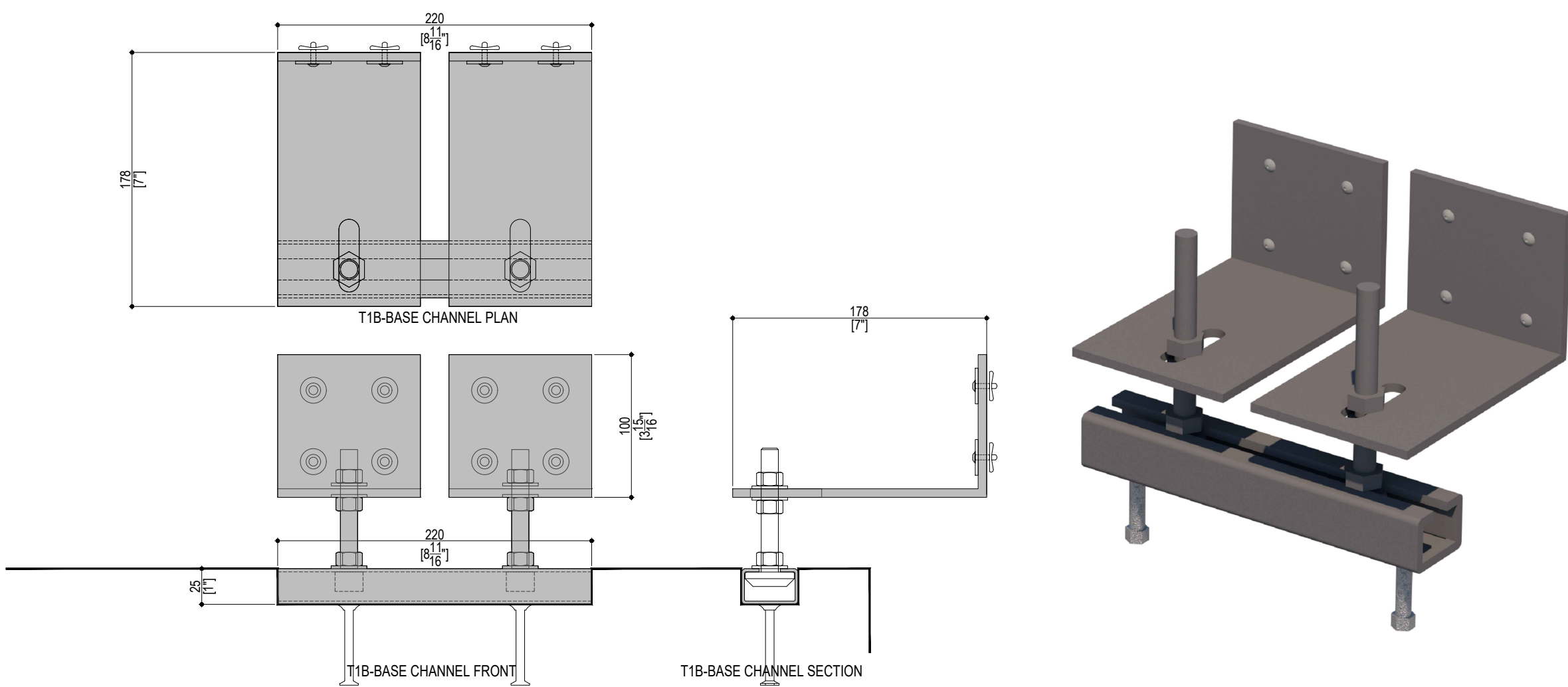
CONNECTOR TYPE - 02 (T2)

CONNECTOR TYPE - AP



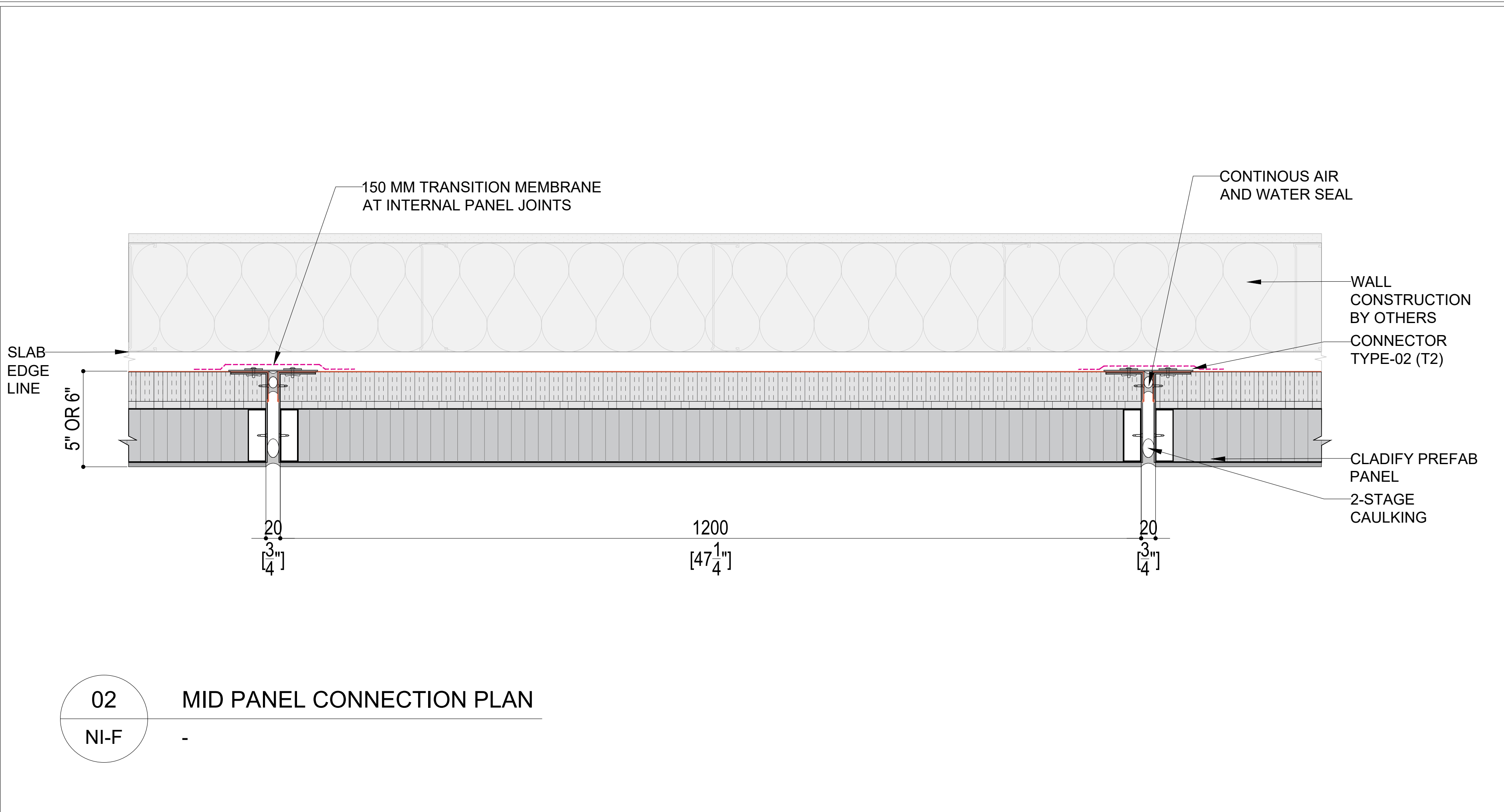
CONNECTOR TYPE - 03 (T3)

PANEL CONNECTORS

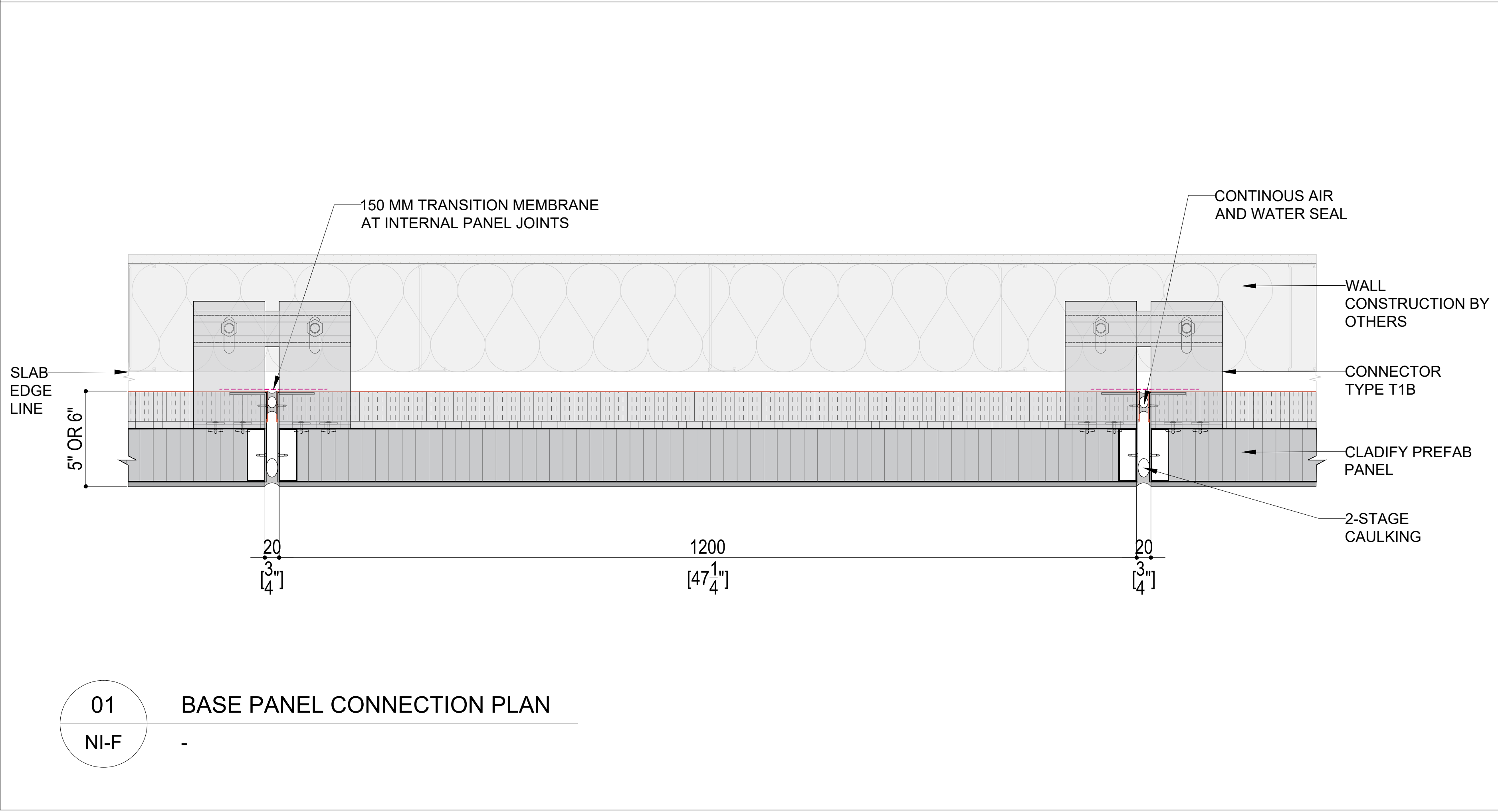


EMBEDDED BASE (T1B) (SINGLE)

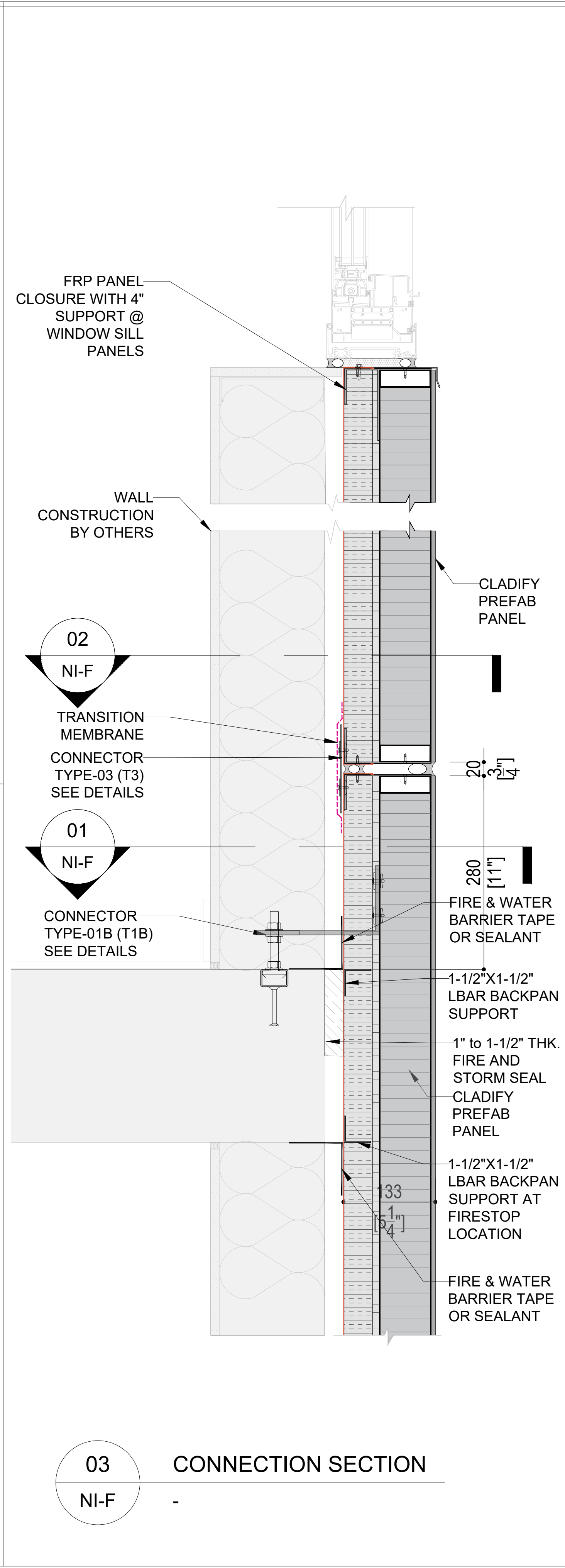
CAST-IN PLACE (EMBEDDED) BASE CONNECTOR



02
NI-F
MID PANEL CONNECTION PLAN
-



01
NI-F
BASE PANEL CONNECTION PLAN
-



03
NI-F
CONNECTION SECTION
-



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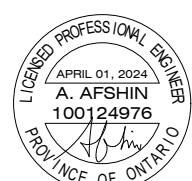
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REV.	YY-MM-DD	DESCRIPTION

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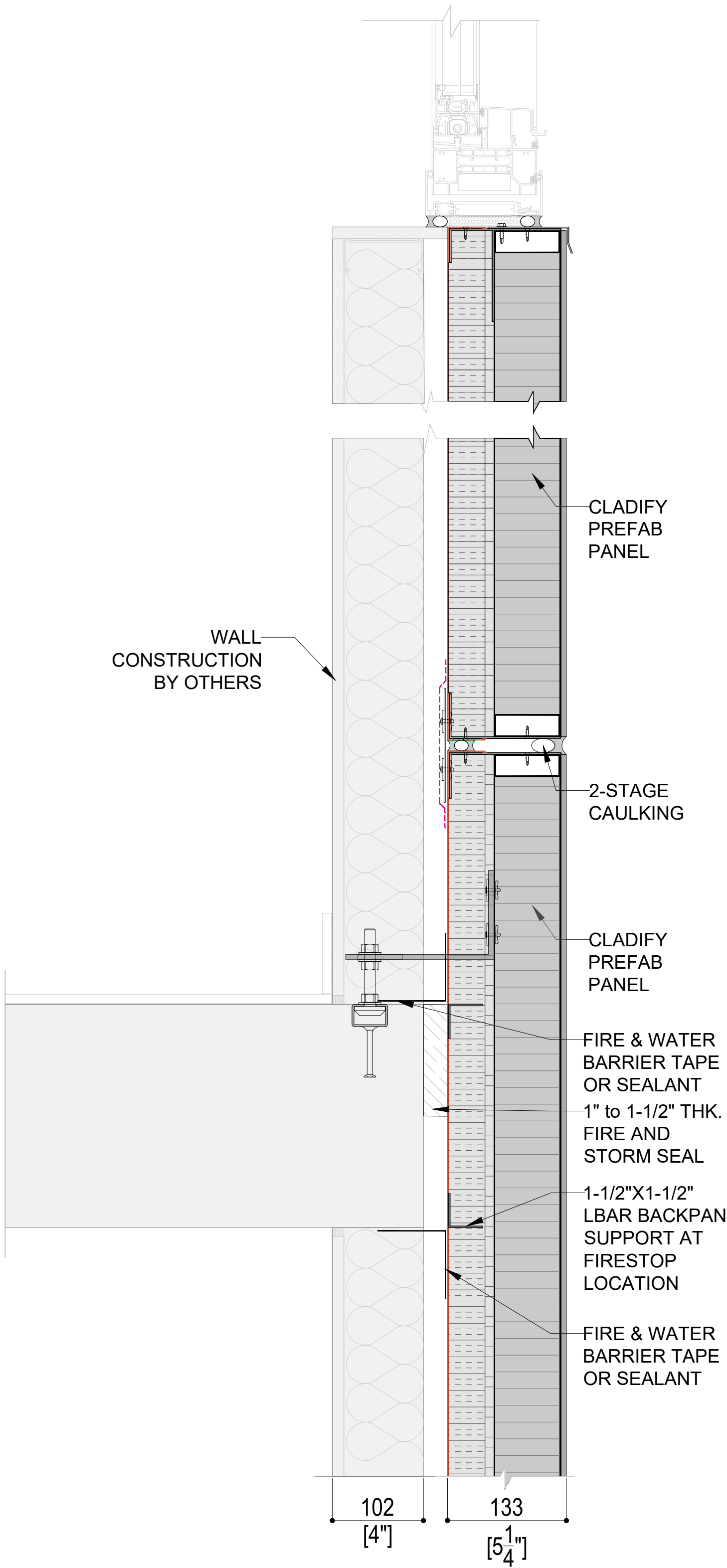
PANEL LAYOUT

INFORMATION

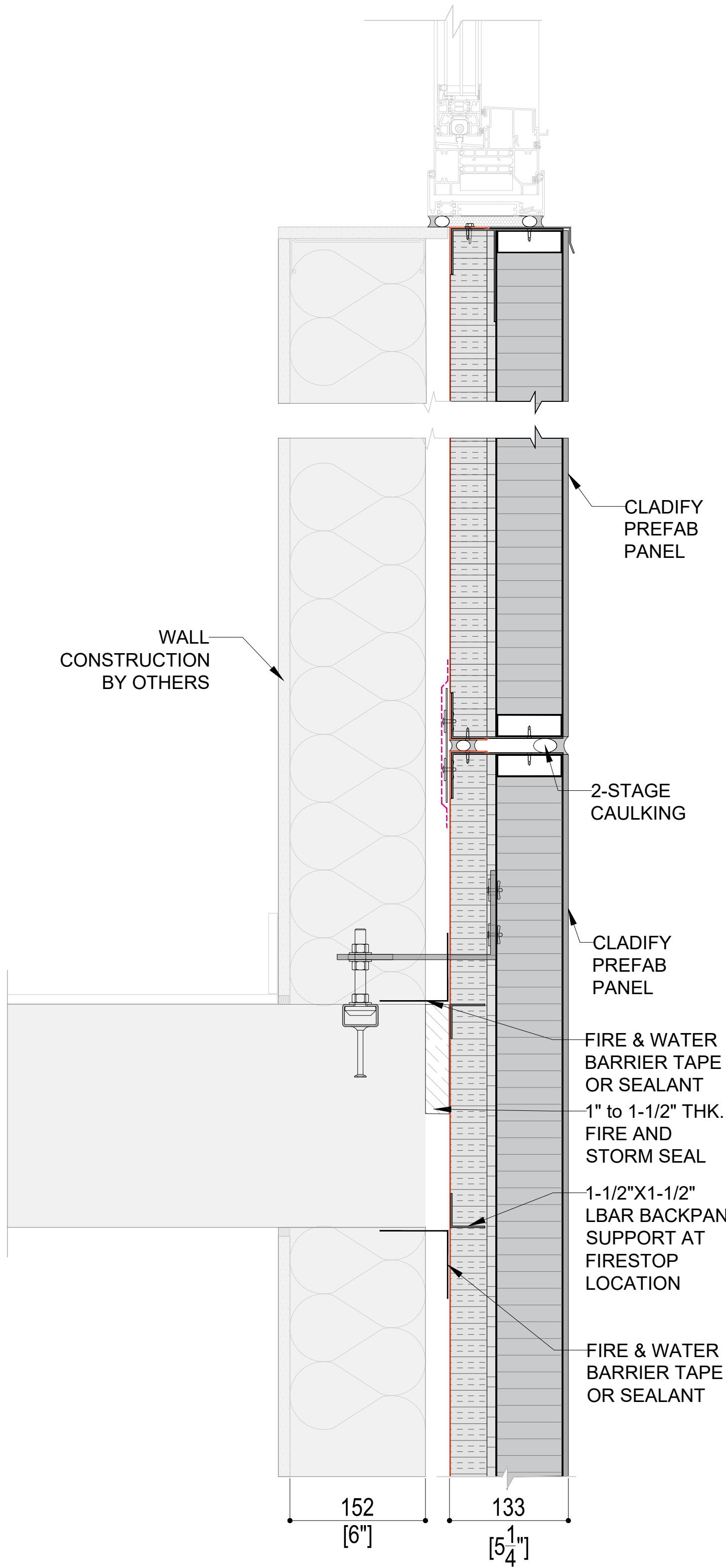
DATE: 2024-04-01
SCALE: AS INDICATED
DRAWN BY: GC
MEASURED BY:
CHECKED BY: AR / AS

DRAWING NO:

NI-F (Rev08.1)
MODIFIED BACKSHEET



01 3-1/2" STUD WALL SUB-FRAME
NI-G -



02 6" STUD WALL SUB-FRAME
NI-G -

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 - PRINT IN COLOR

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REV.	YY-MM-DD	DESCRIPTION
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ARCHITECT
-

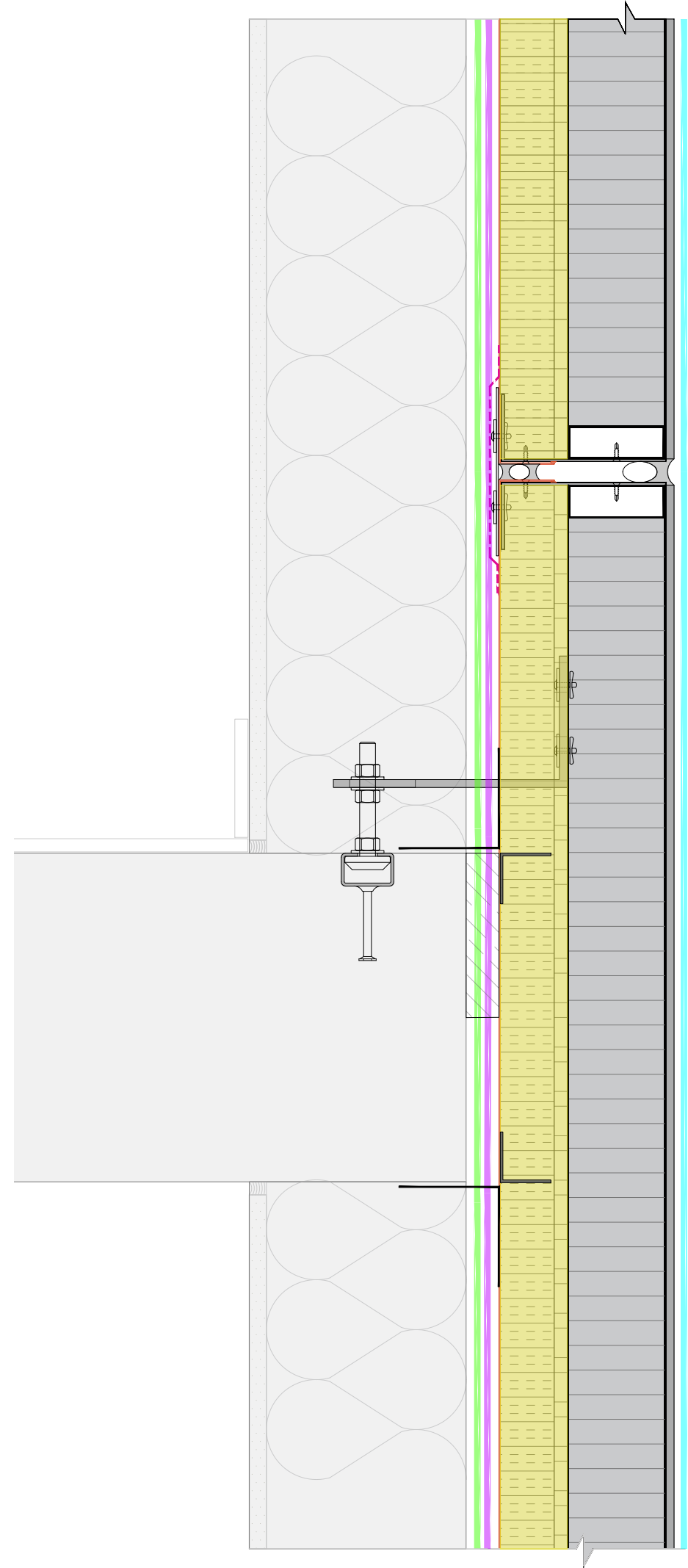
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PROJECT TITLE
CLADIFAB CLADIFY/MITREX PREFAB WALL SYSTEM

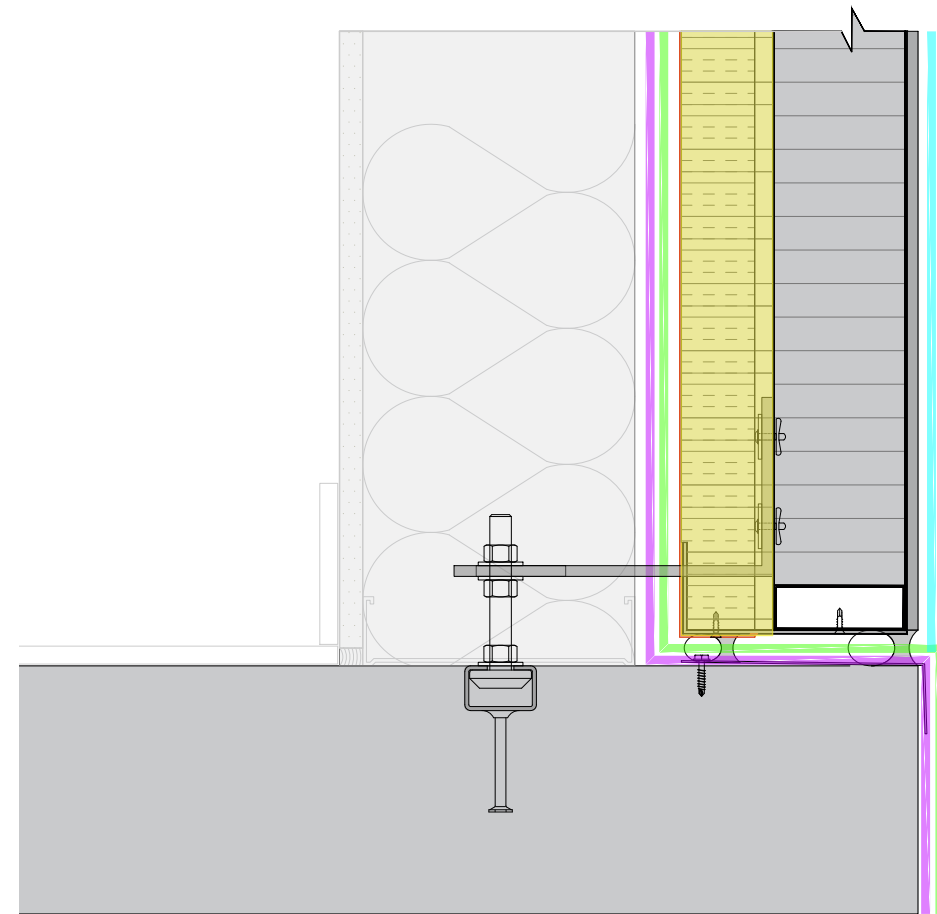
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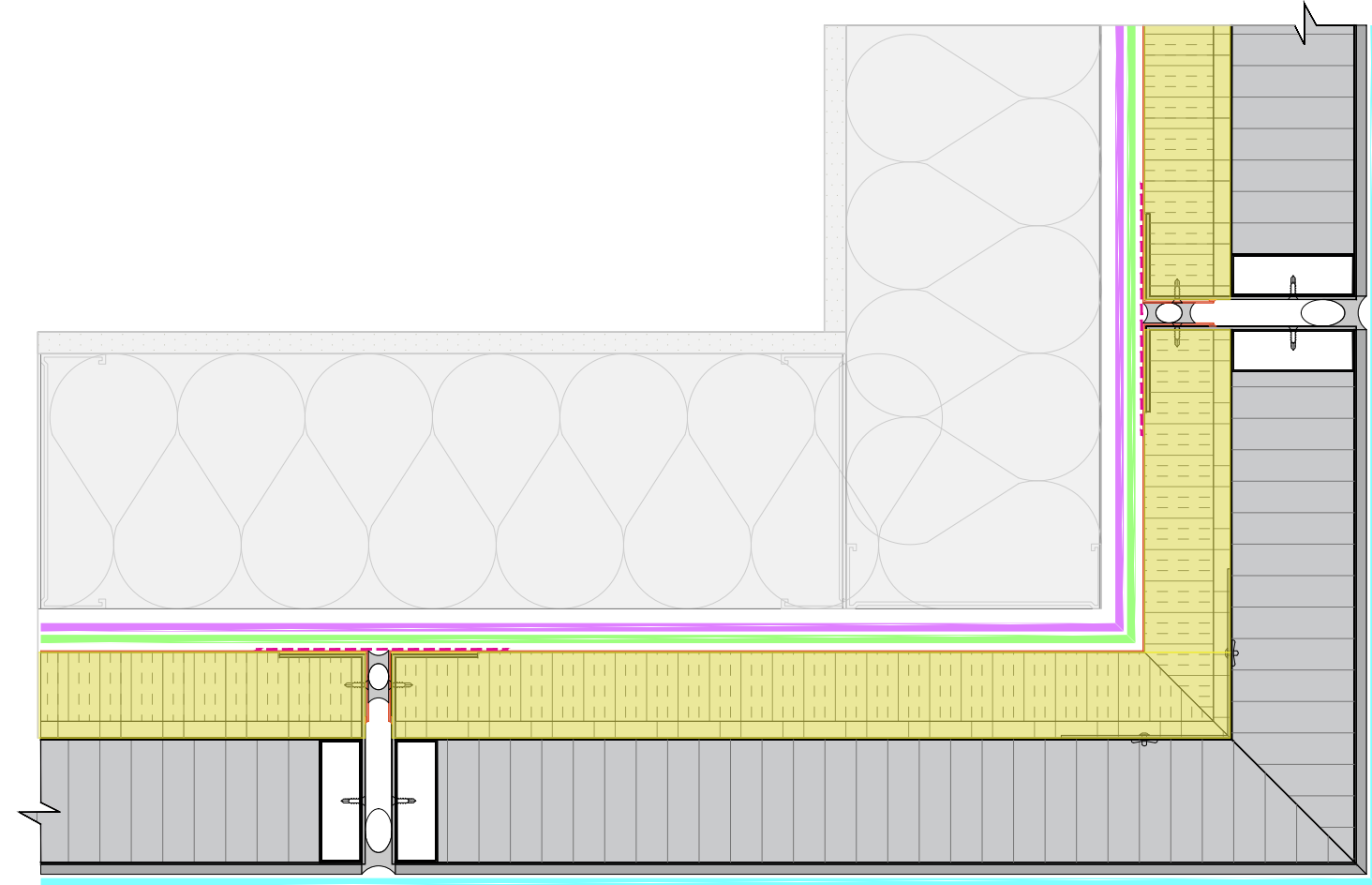
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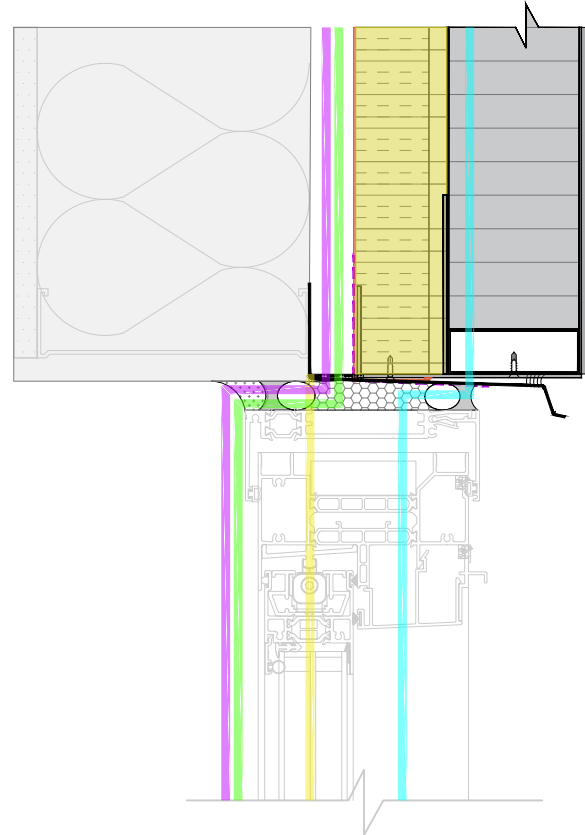
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NI-H -



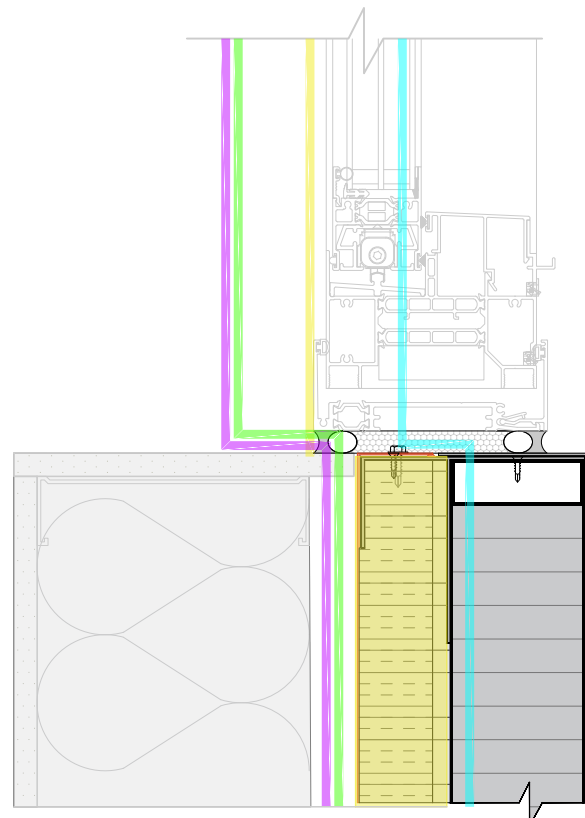
01 BASE CONNECTION
NI-H -



05 CORNER WALL CONNECTION
NI-H -

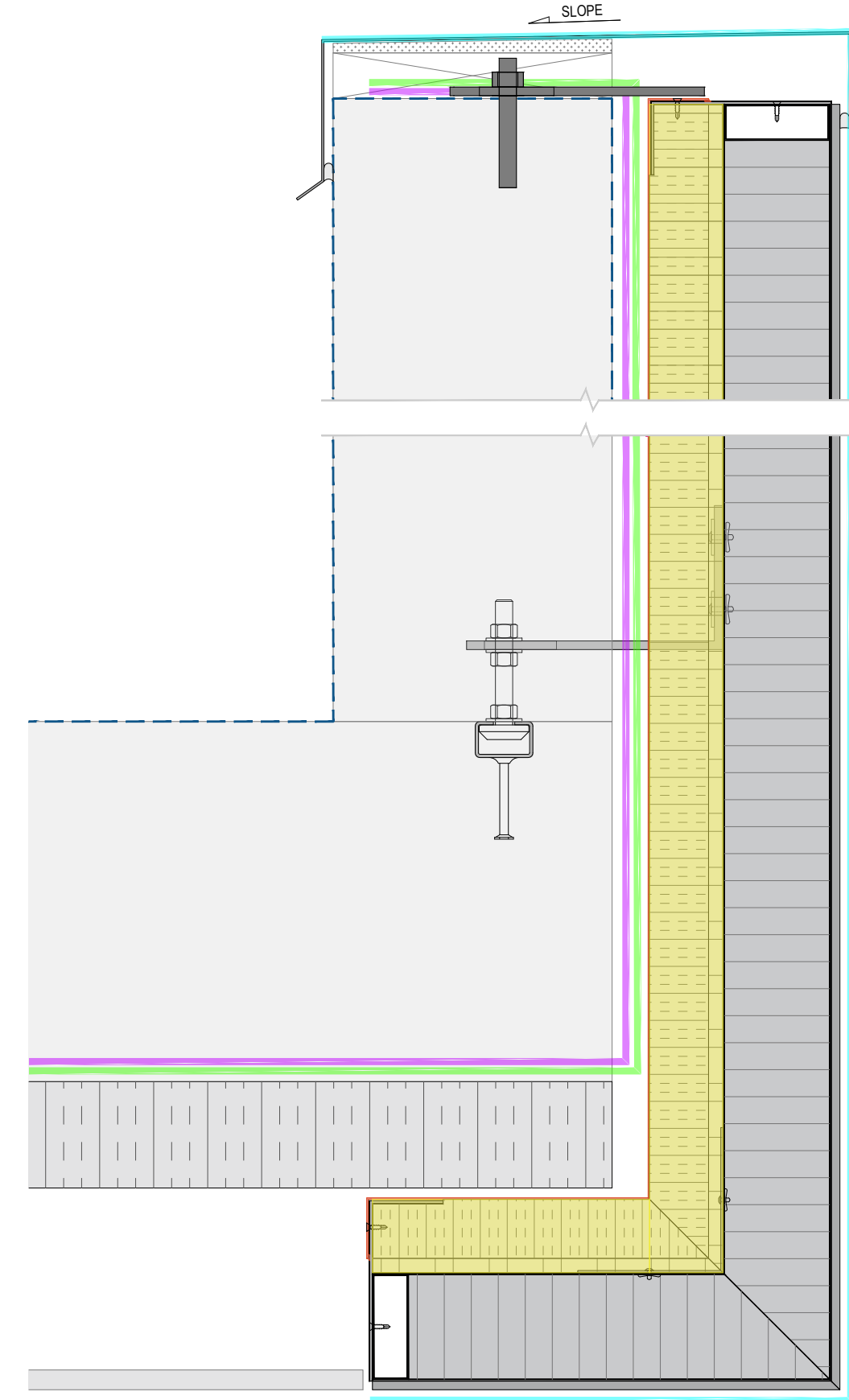


04 WINDOW HEADER CONNECTION
NI-H -

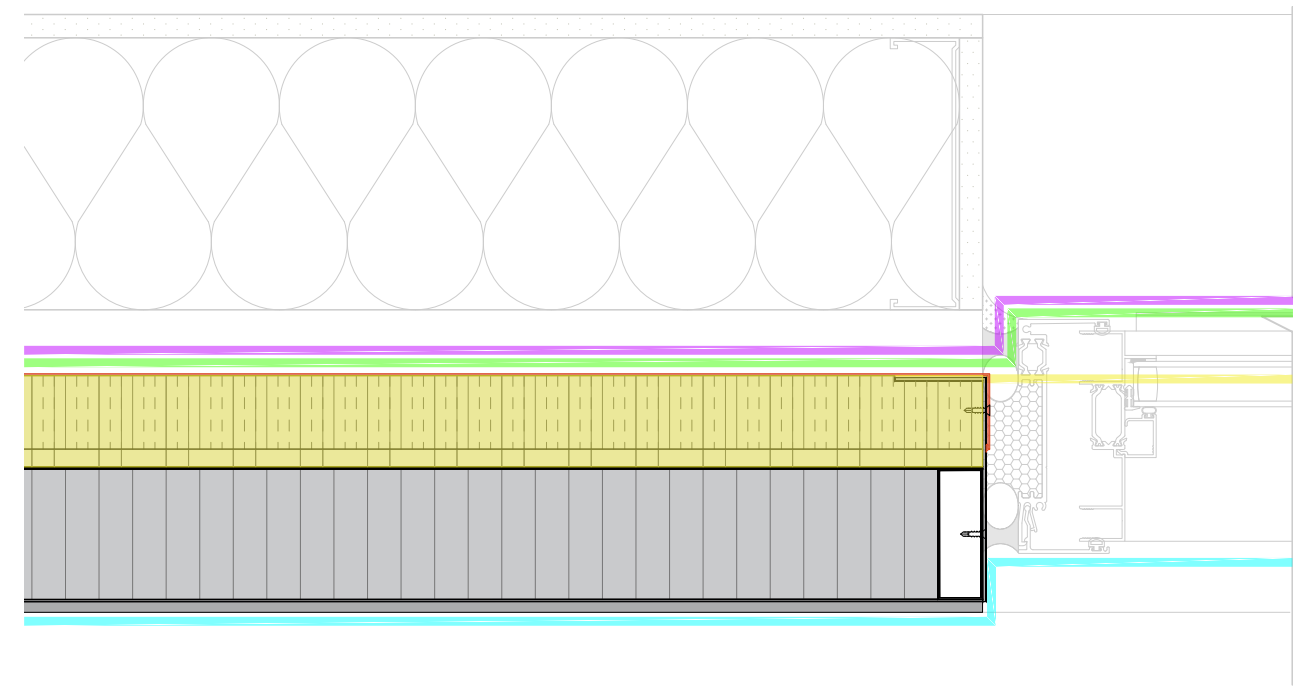


03 WINDOW JAMB CONNECTION
NI-H -

- 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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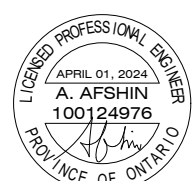
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REV.	YY-MM-DD	DESCRIPTION

ARCHITECT

-

CLIENT

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PROJECT TITLE

CLADIFAB
CLADIFY/MITREX
PREFAB WALL SYSTEM

SHEET TITLE

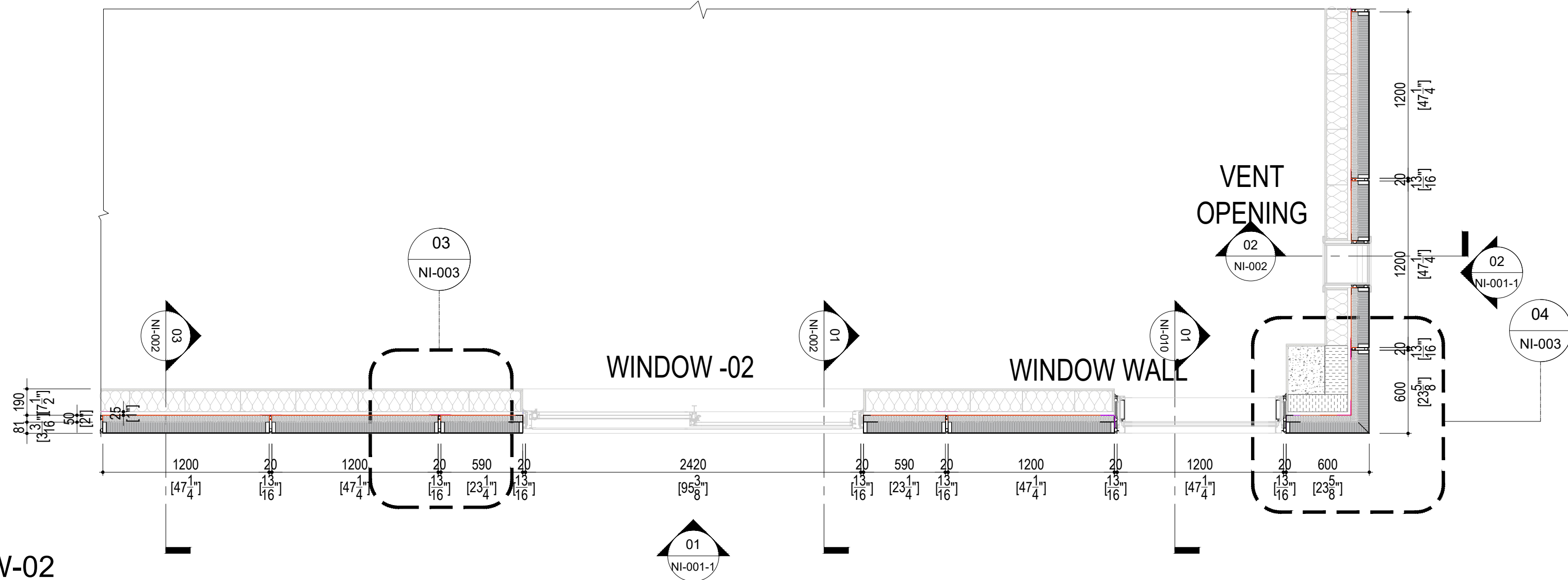
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MEASURED BY:
CHECKED BY: AR / AS

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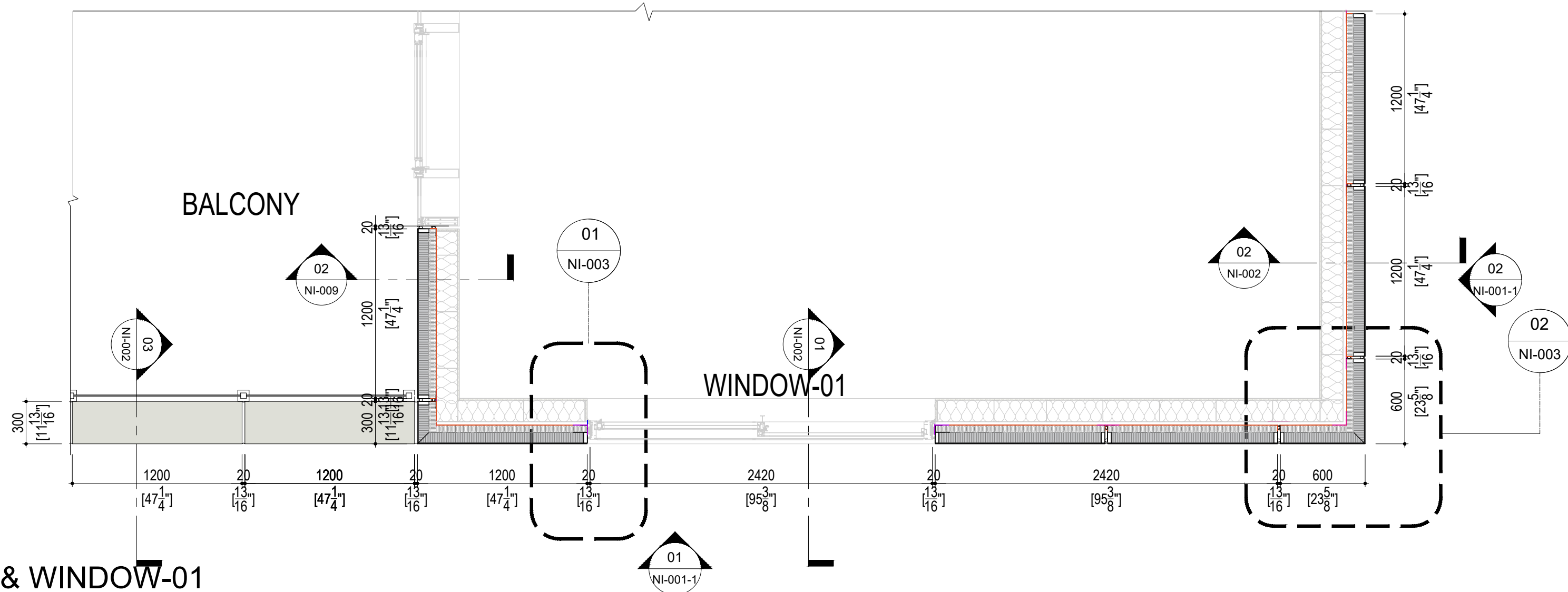
NI-H (Rev08.1)
MODIFIED BACKSHEET



02
NI-001

PANEL LAYOUT @ WINDOW-02

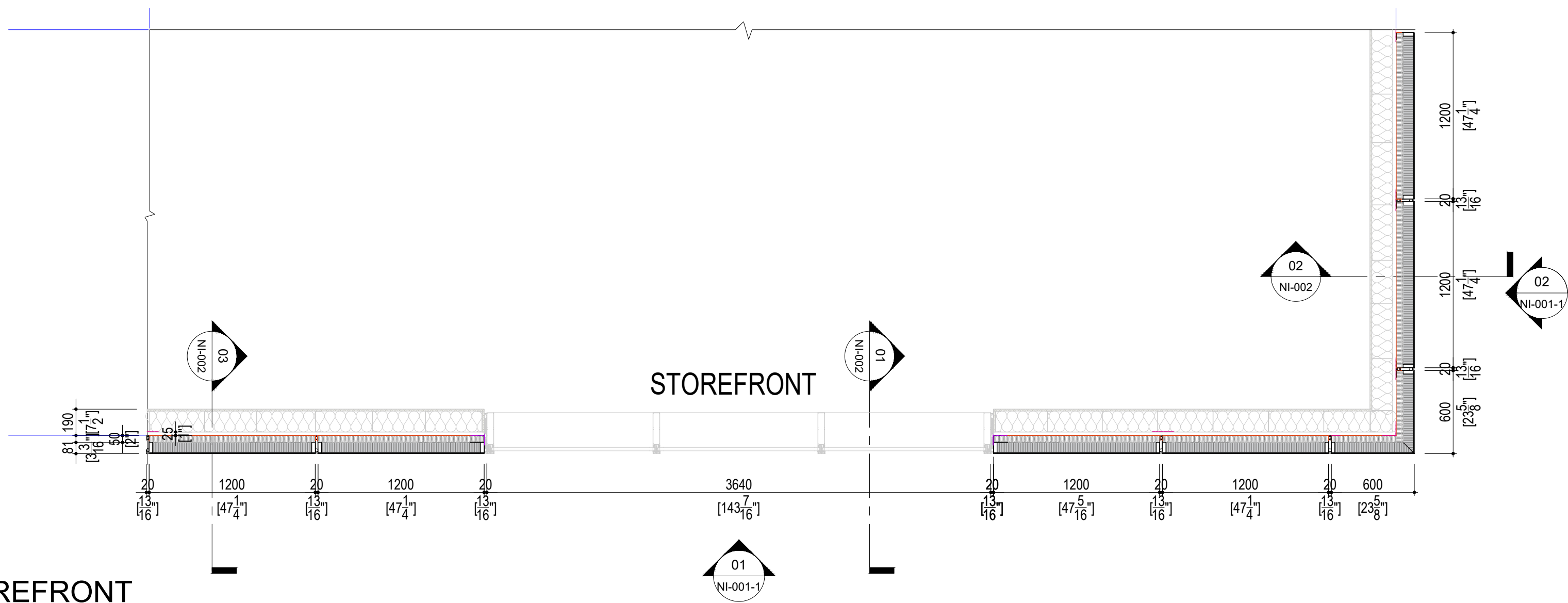
SCALE: 1:40



01
NI-001

PANEL LAYOUT @ BALCONY & WINDOW-01

SCALE: 1:40



03
NI-001

PANEL LAYOUT @ STOREFRONT

SCALE: 1:40



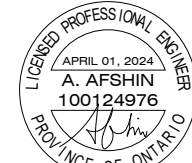
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ARCHITECT

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CLADIFAB
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SHEET TITLE

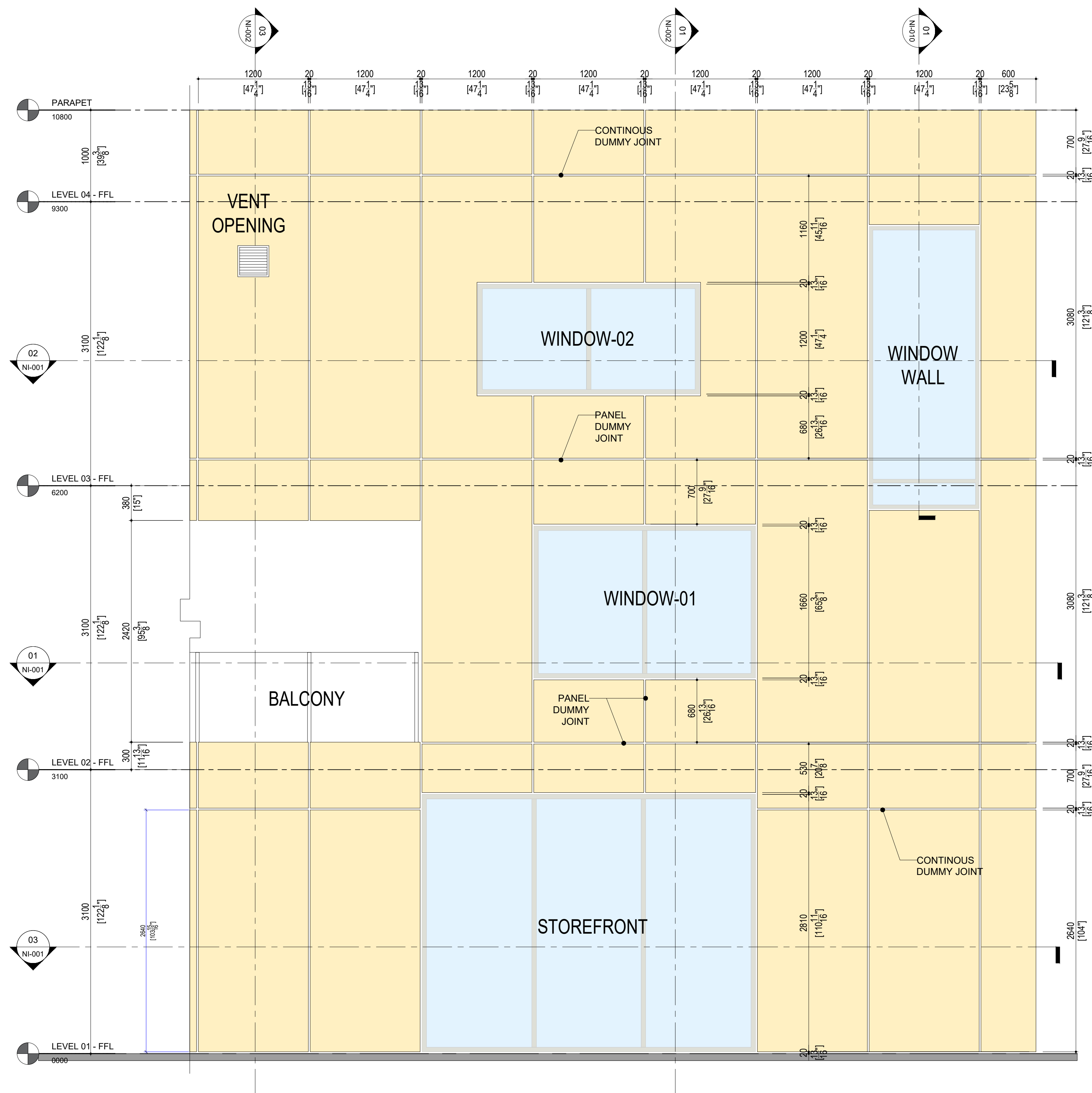
PANEL PLAN LAYOUT SCENARIOS

INFORMATION

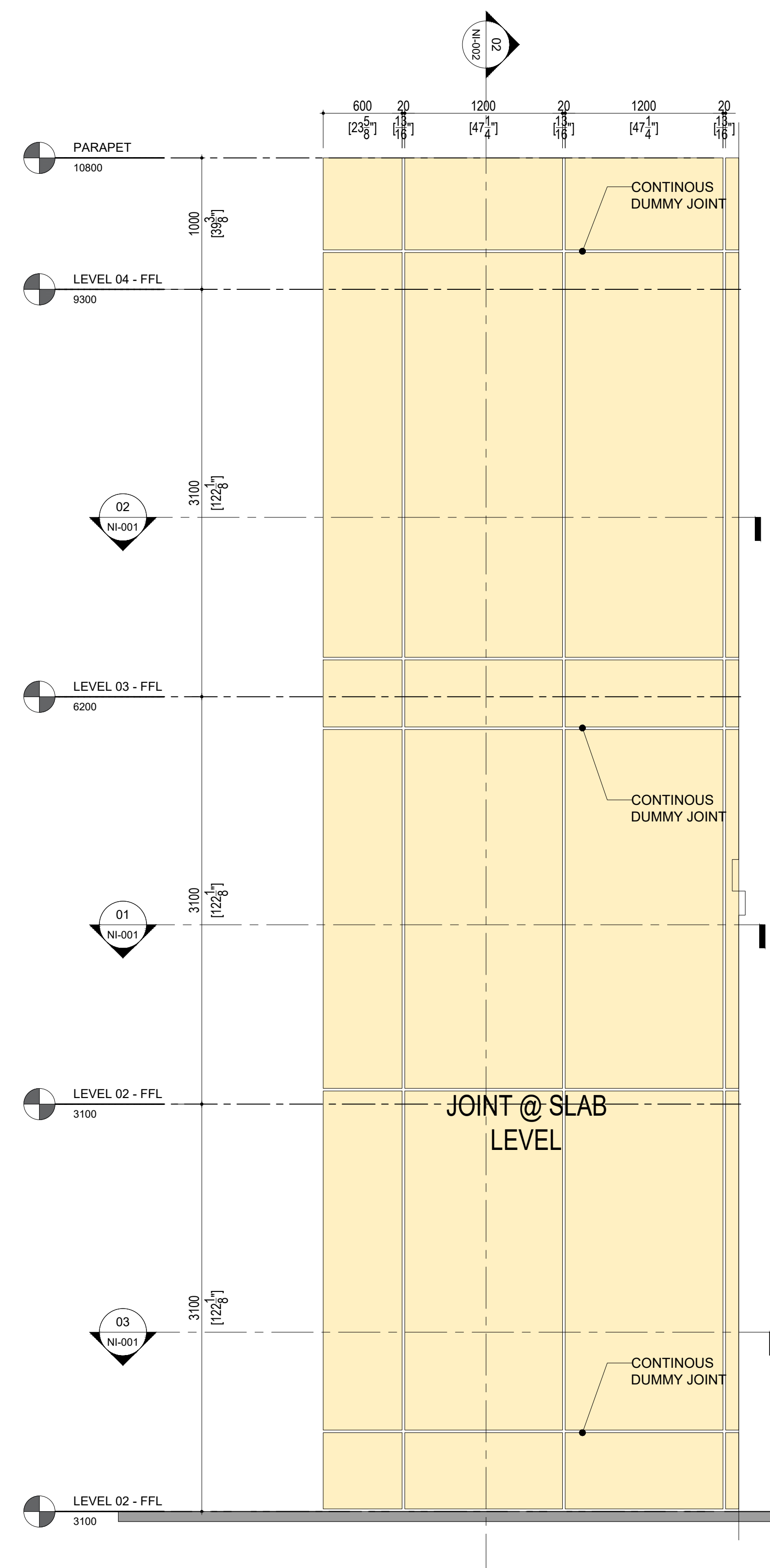
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MEASURED BY:
CHECKED BY: AR / AS

DRAWING NO:

NI-001 (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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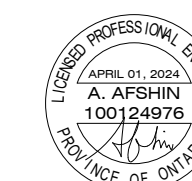
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REV.	YY-MM-DD	DESCRIPTION
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ARCHITECT

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CLIENT

[illegible]

PROJECT TITLE

CLADIFAB

CLADIFY/MITREX

PREFAB WALL SYSTEM

SHEET TITLE

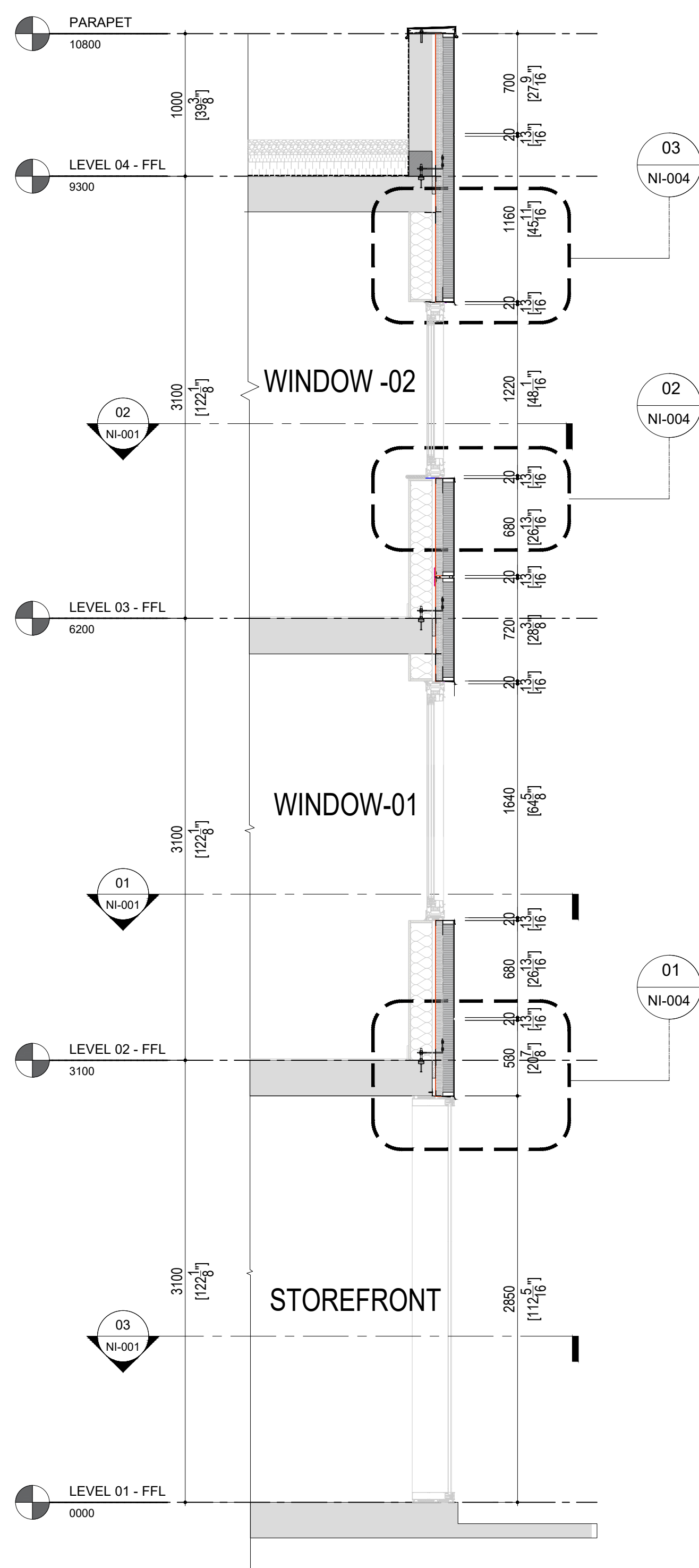
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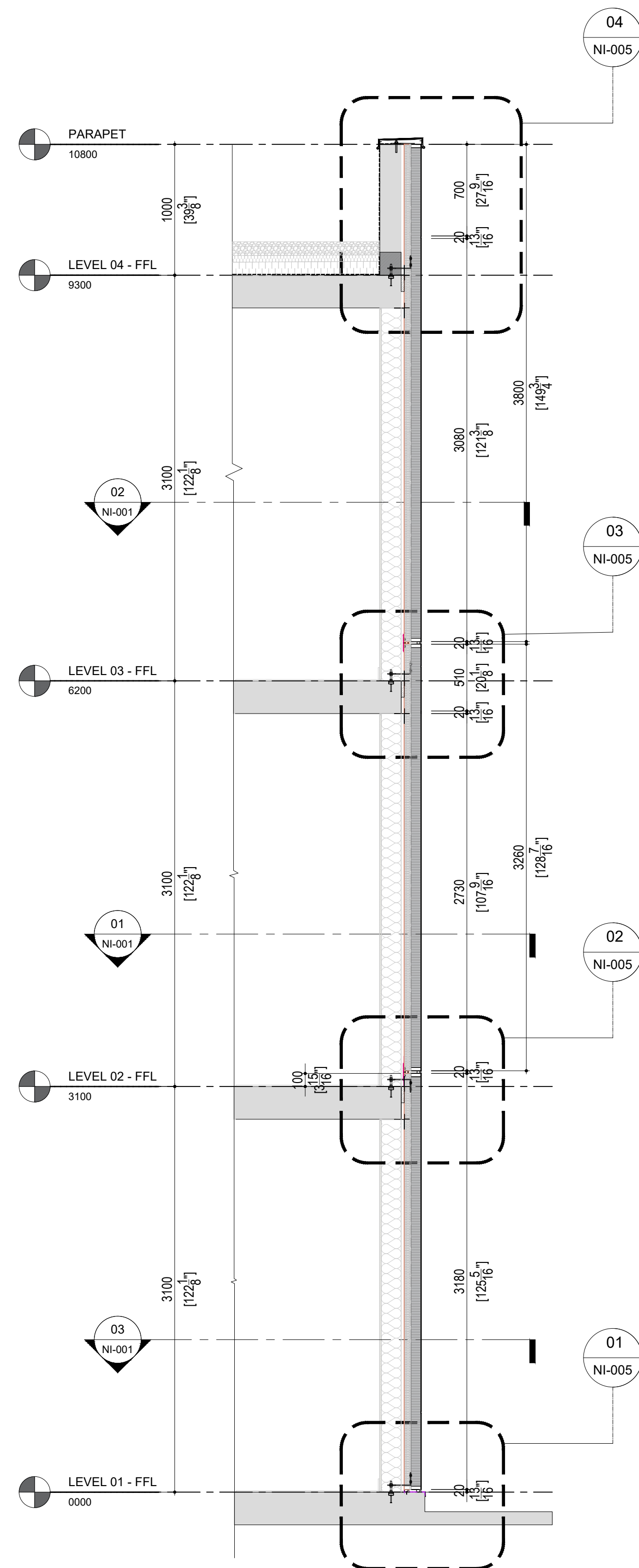
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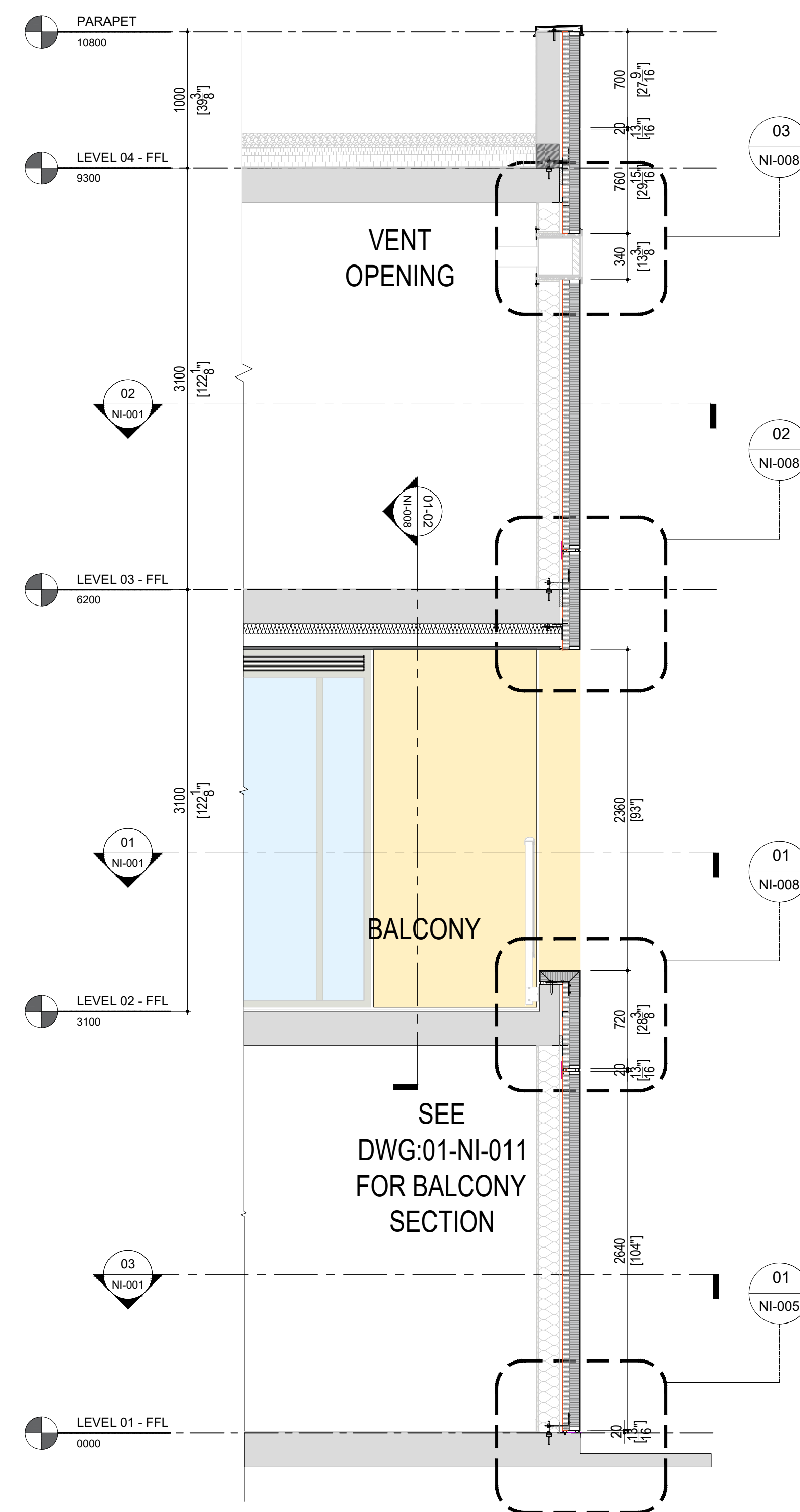
NI-001-1 (Rev08.1)
MODIFIED BACKSHEET



01	WAL SECTION - 01
NI-002	SCALE: 1:40



02 WAL SECTION - 02
NI-002 SCALE: 1:40



03 WAL SECTION - 03
NI-002 SCALE: 1:40



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SEAL

[illegible]

REV.	YY-MM-DD	DESCRIPTION
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ARCHITECT

[illegible]

CLIENT

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PROJECT TITLE

CLADIFAB
CLADIFY/MITREX
PREFAB WALL SYSTEM

SHEET TITLE

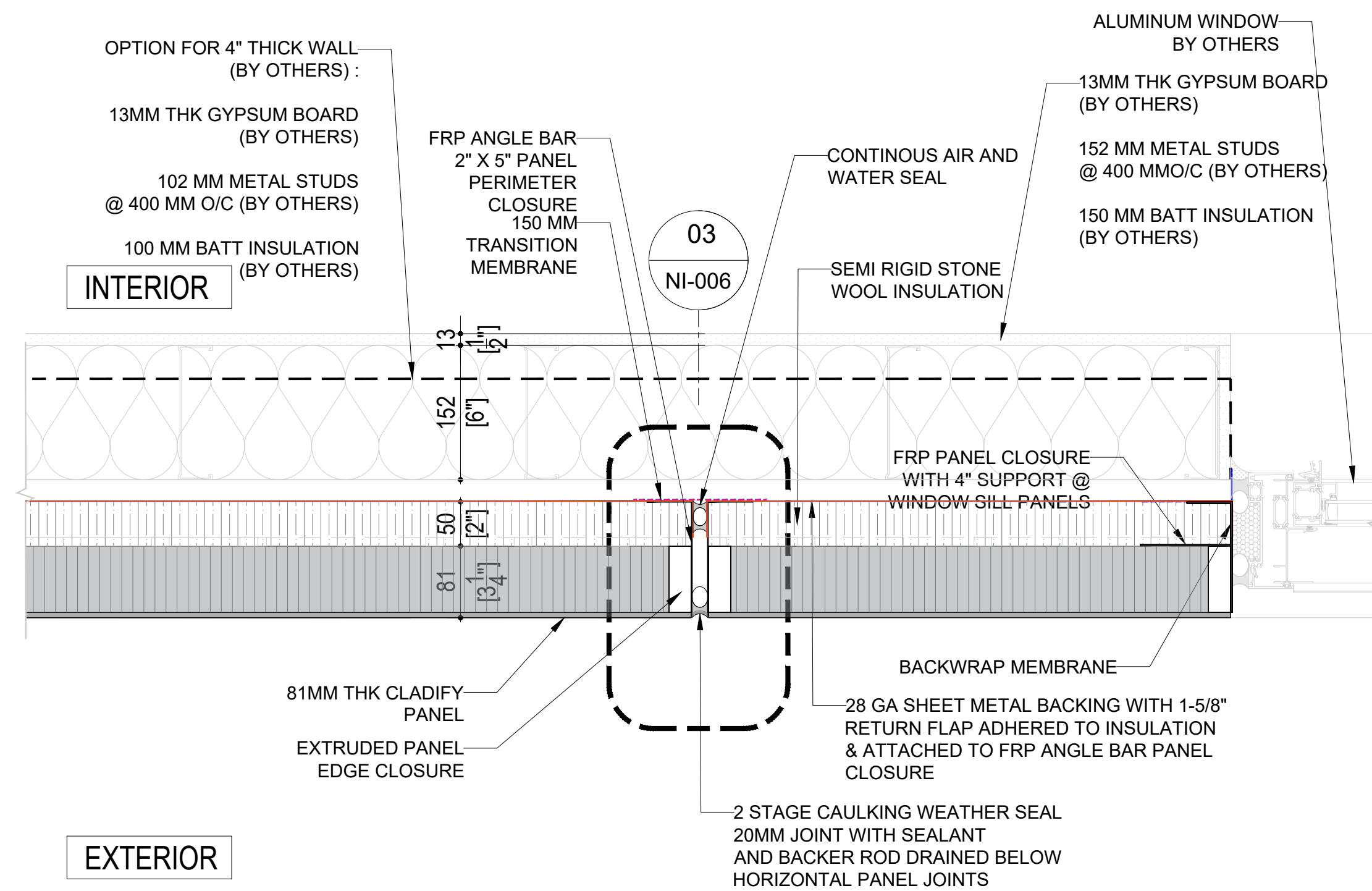
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INFORMATION

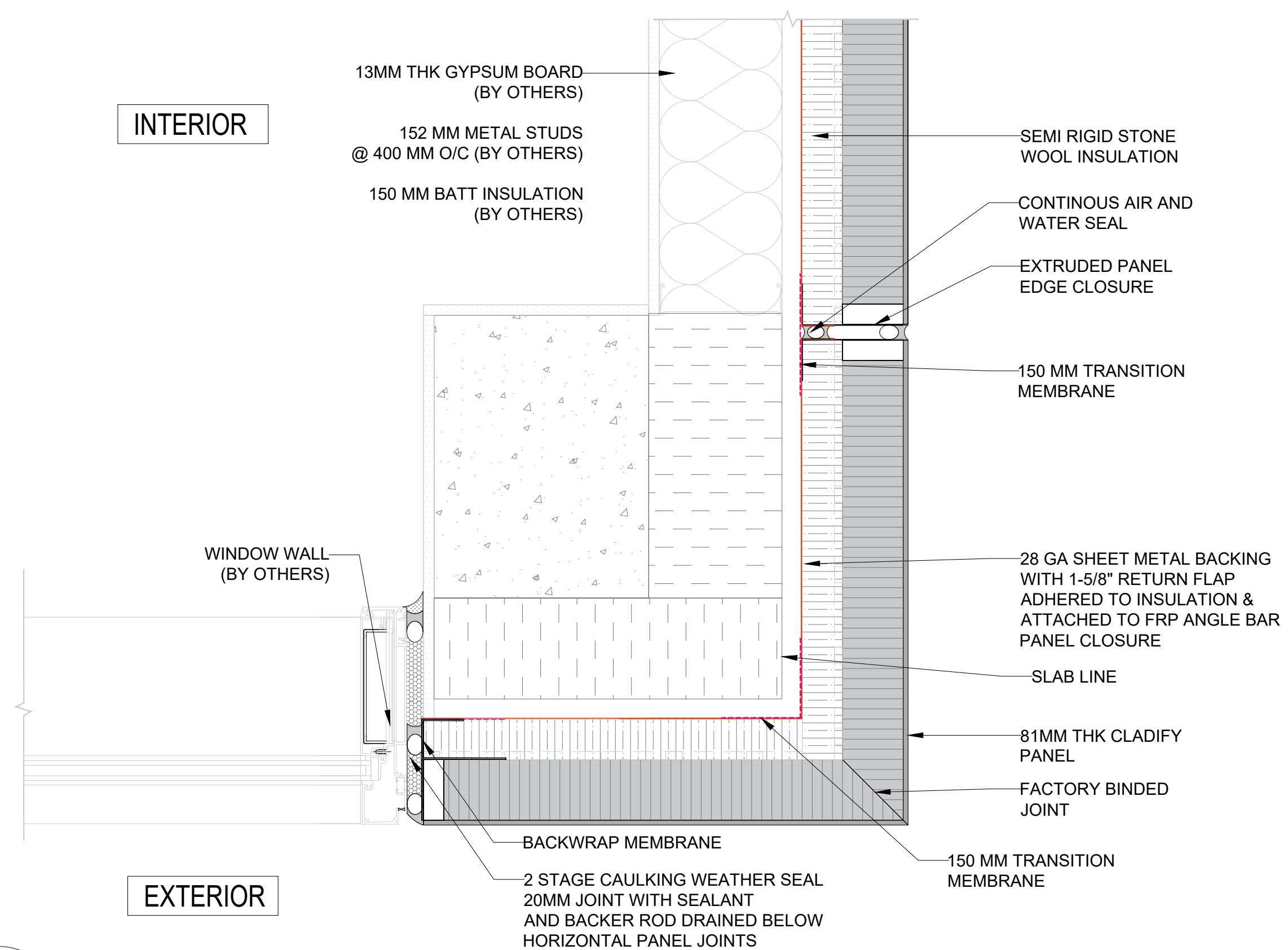
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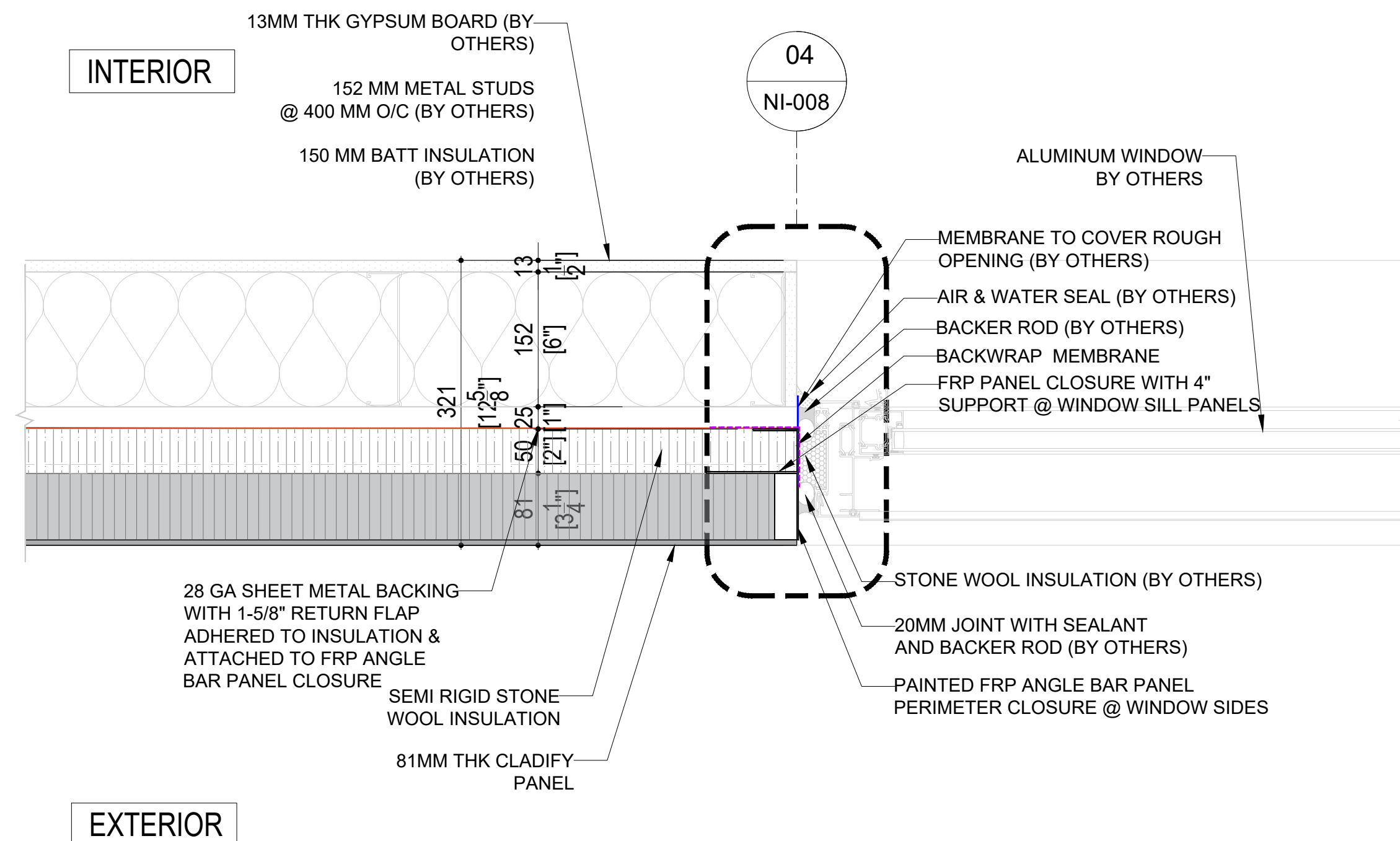
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MODIFIED BACKSHEET



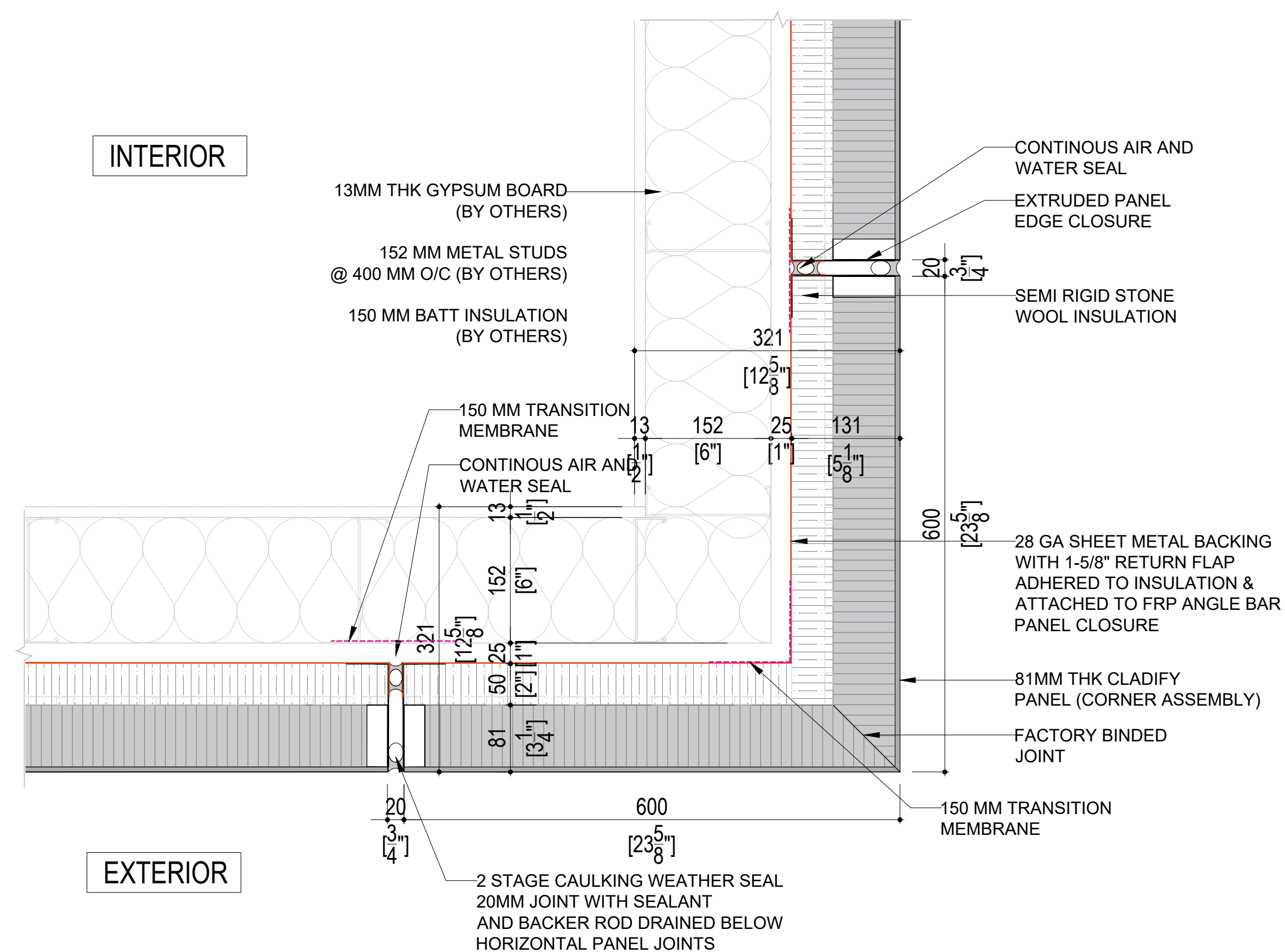
03	PANEL TO PANEL DETAIL
NI-003	SCALE: 1:7.5



04	CORNER PANEL DETAIL (WITH RECESSED COLUMN)
NI-003	SCALE: 1:7.5



01	WINDOW SIDE DETAIL
NI-003	SCALE: 1:7.5



02	CORNER DETAIL (NO COLUMN)
NI-003	SCALE: 1:7.5



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[illegible]

ARCHITECT		
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CLIENT	

PROJECT TITLE

CLADIFAB
CLADIFY/MITREX
PREFAB WALL SYSTEM

SHEET TITLE

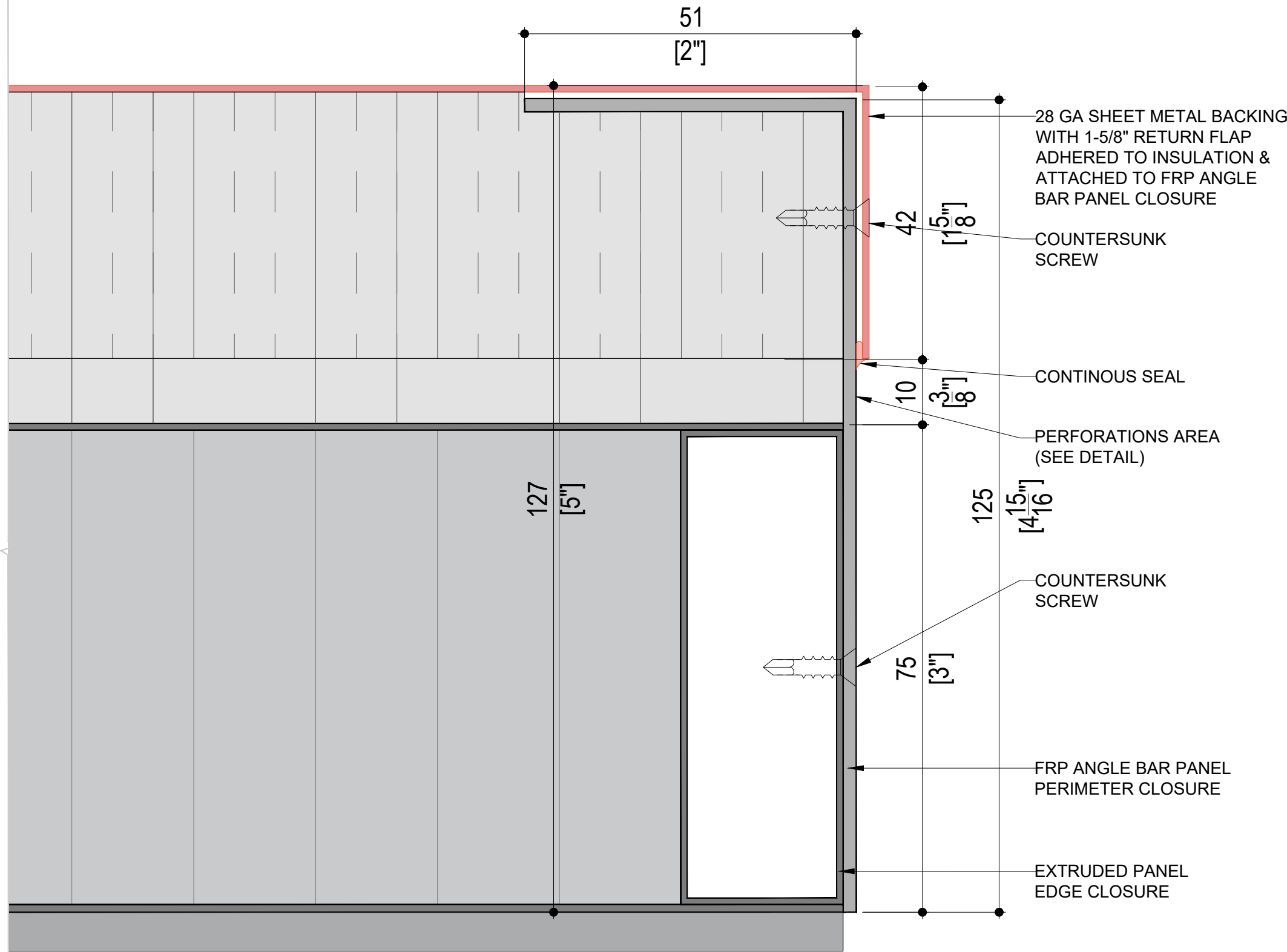
PLAN DETAILS

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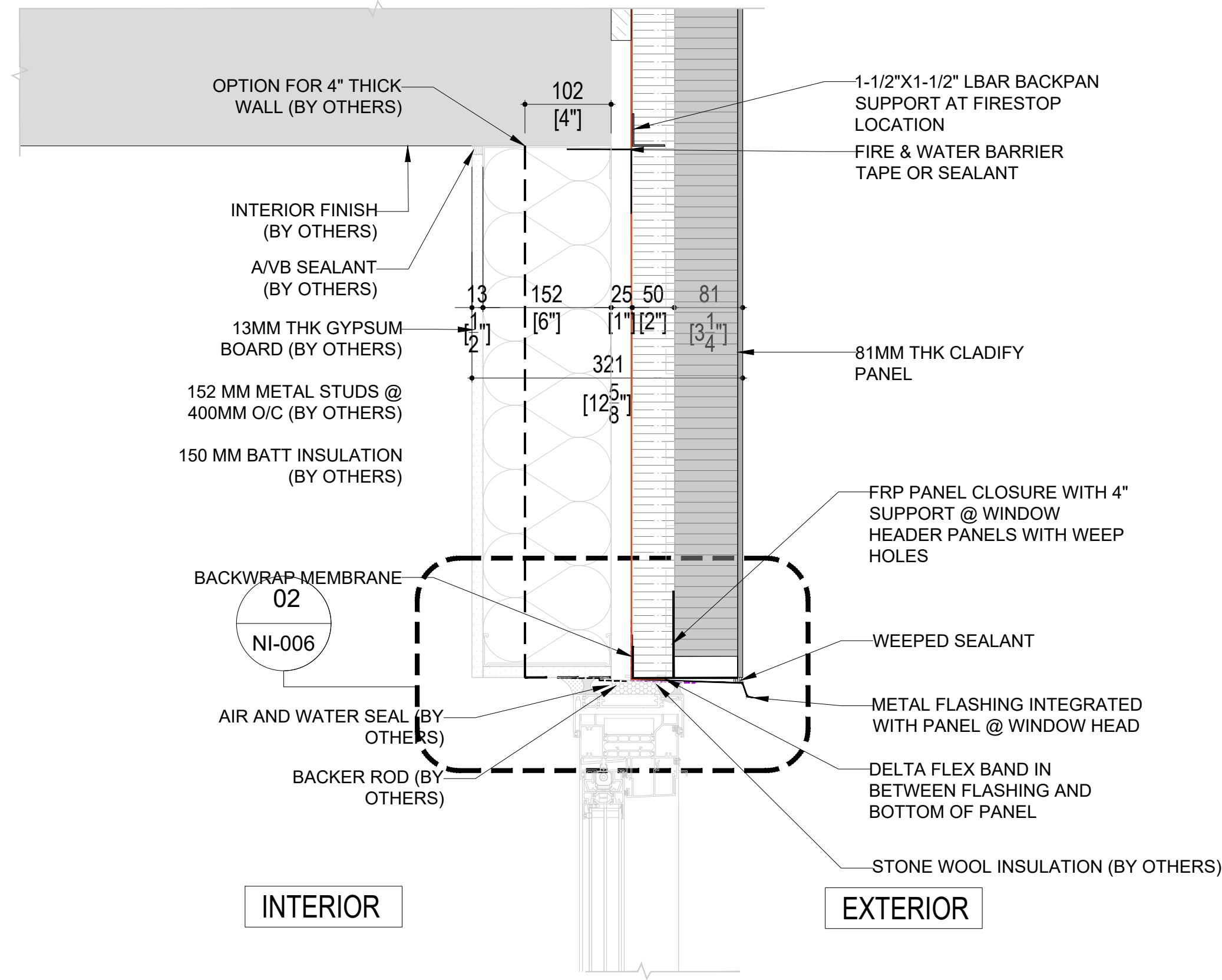
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NI-003 (Rev08.1)
MODIFIED BACKSHEET



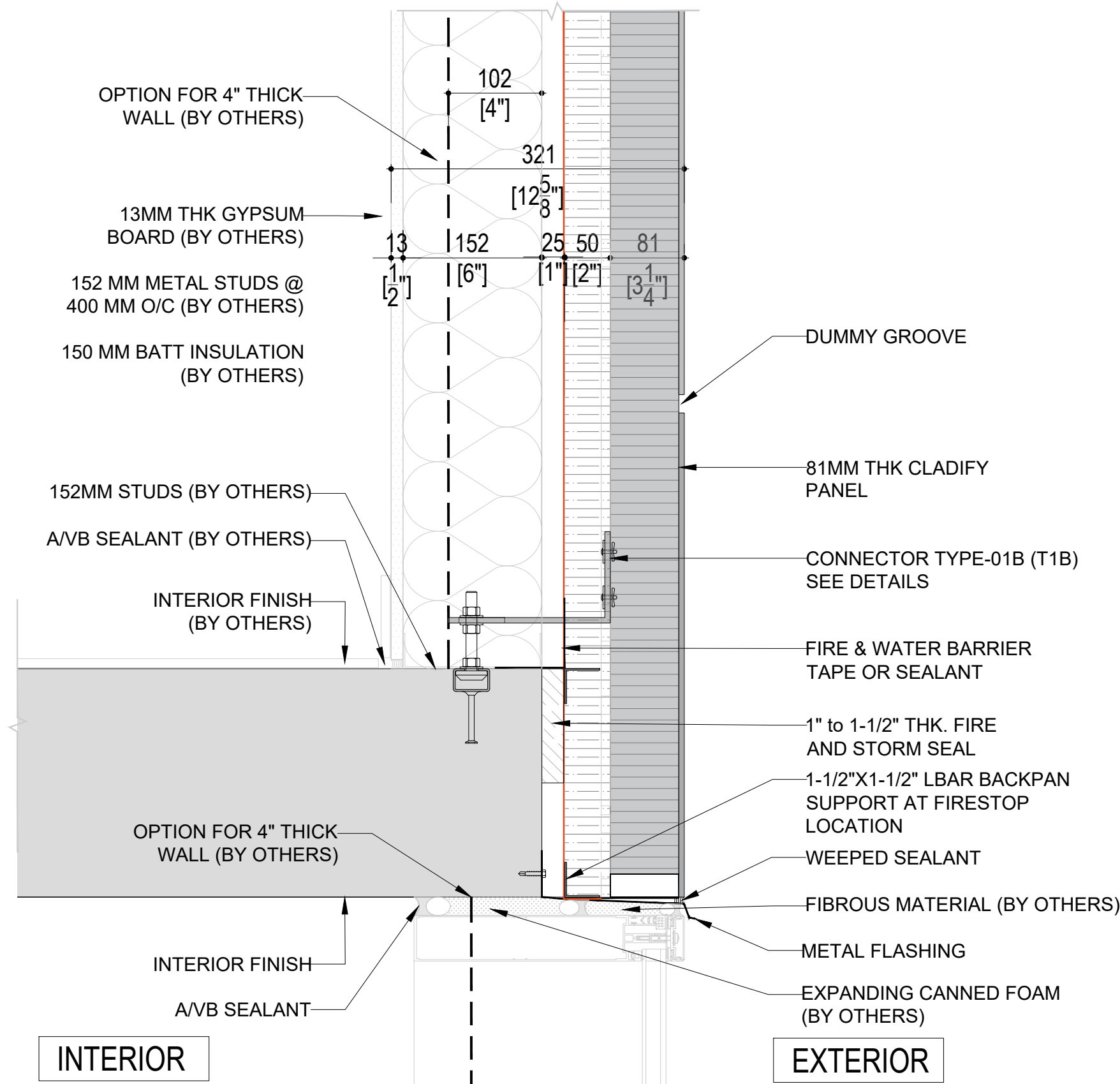
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NI-004

PANEL EDGE CLOSURE DETAIL
SCALE: 1 : 1



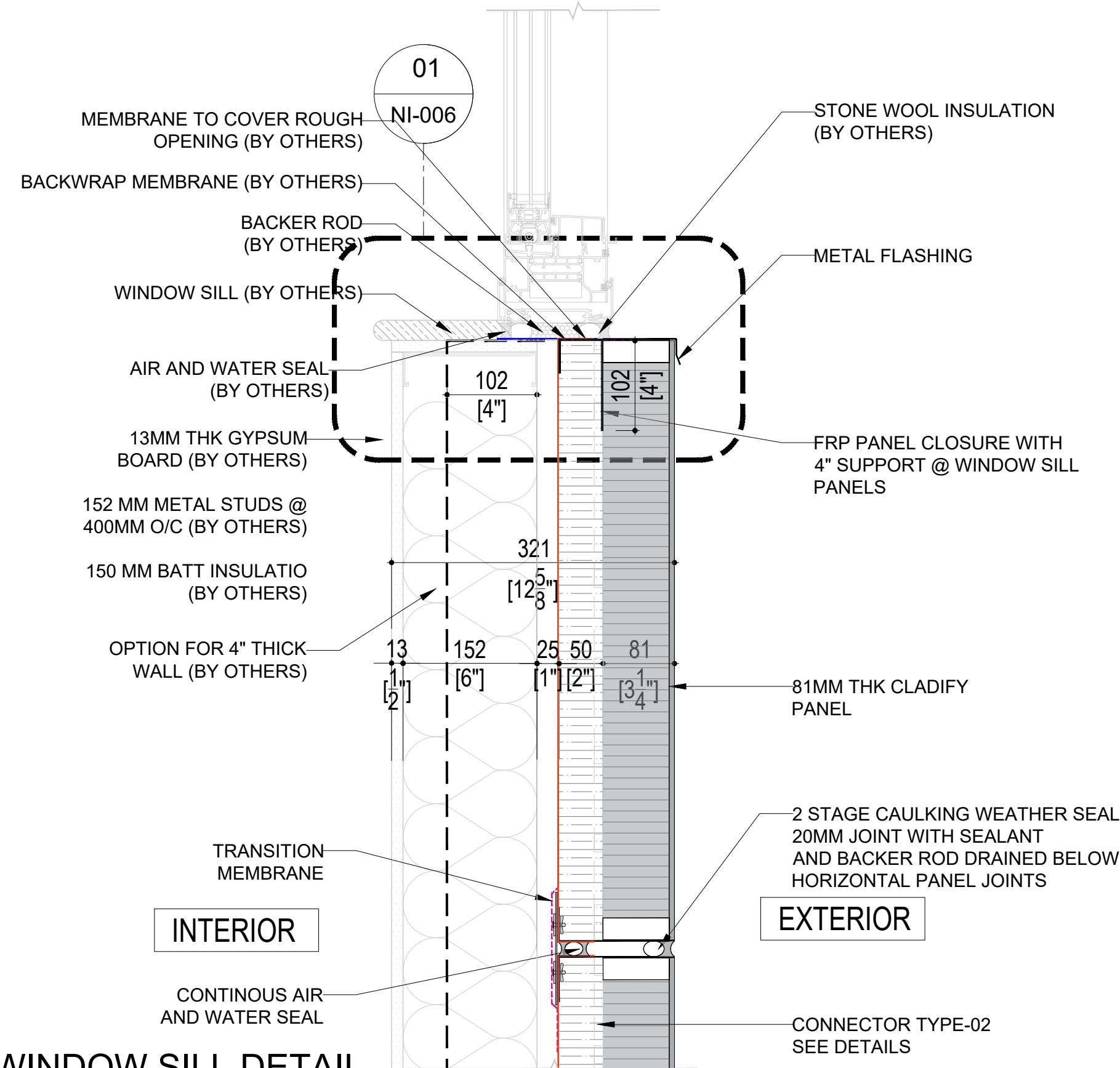
03
NI-004

WINDOW HEADER DETAIL
SCALE: 1:7.5



01
NI-004

STOREFRONT TOP DETAIL
SCALE: 1:7.5



02
NI-004

WINDOW SILL DETAIL
SCALE: 1:7.5

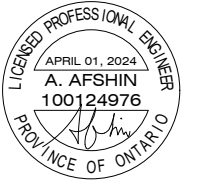
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ARCHITECT

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PROJECT TITLE

CLADIFAB
CLADIFY/MITREX
PREFAB WALL SYSTEM

SHEET TITLE

SECTION DETAILS

INFORMATION

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

DRAWING NO:

NI-004 (Rev08.1)
MODIFIED BACKSHEET

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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

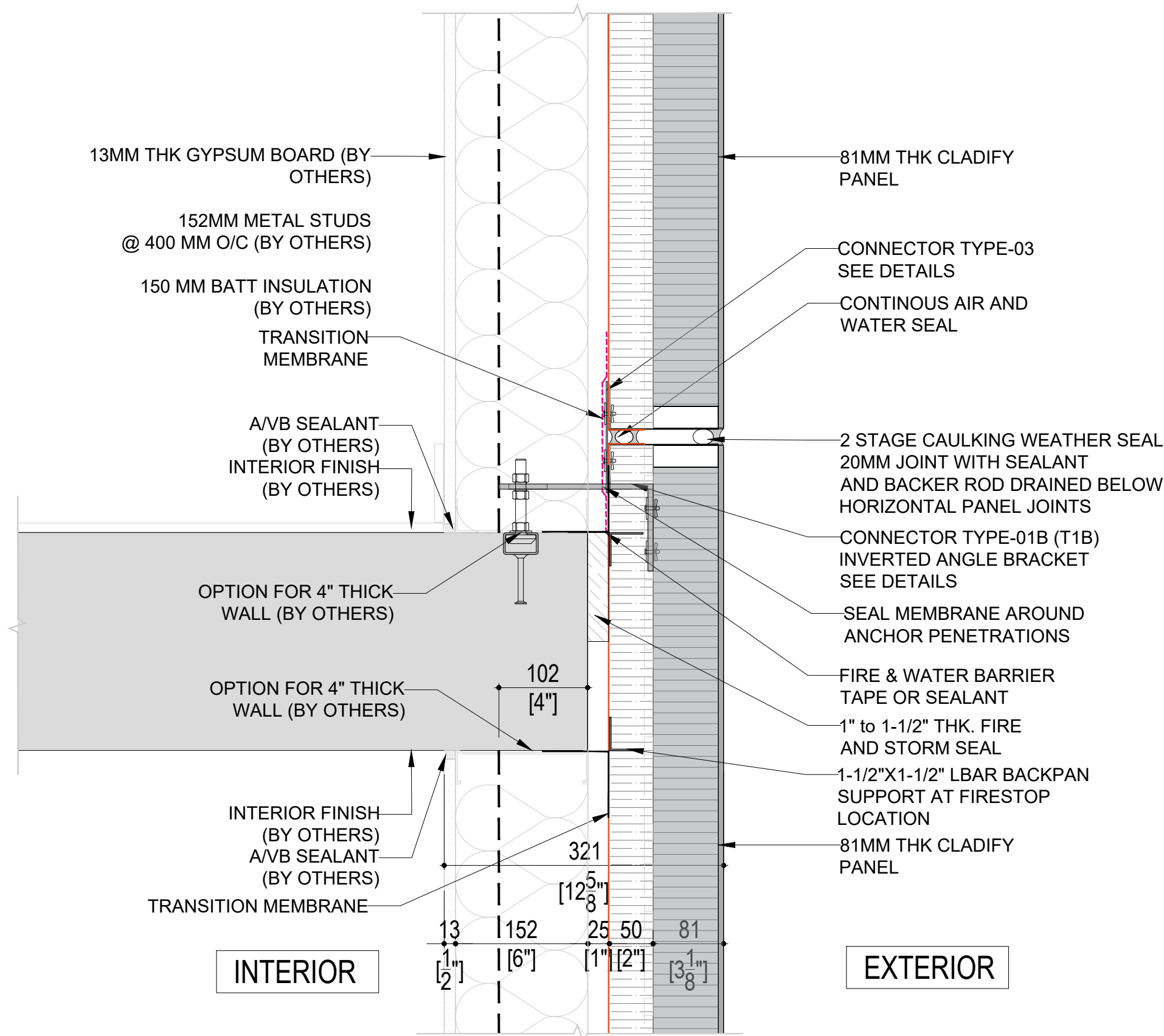
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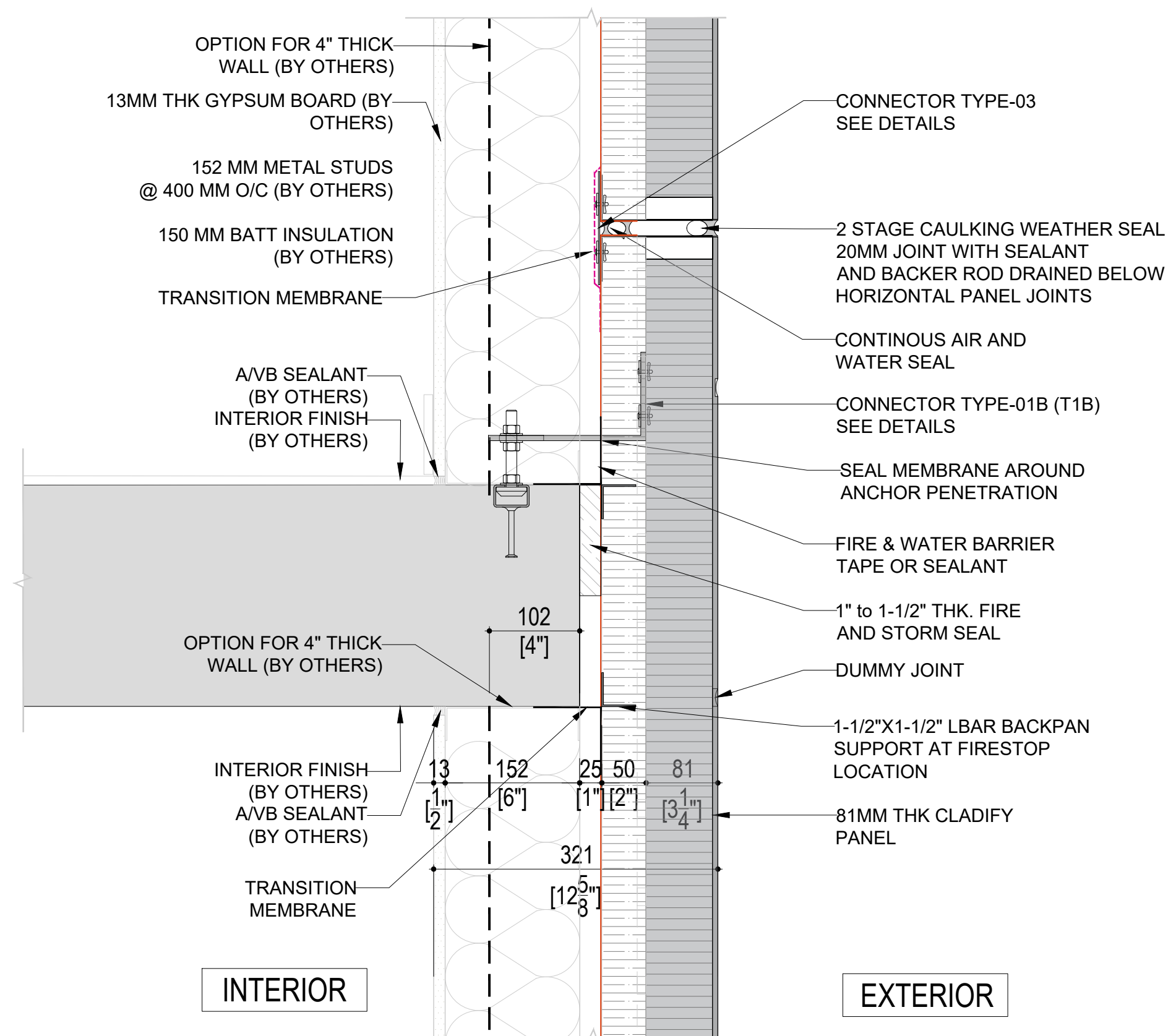
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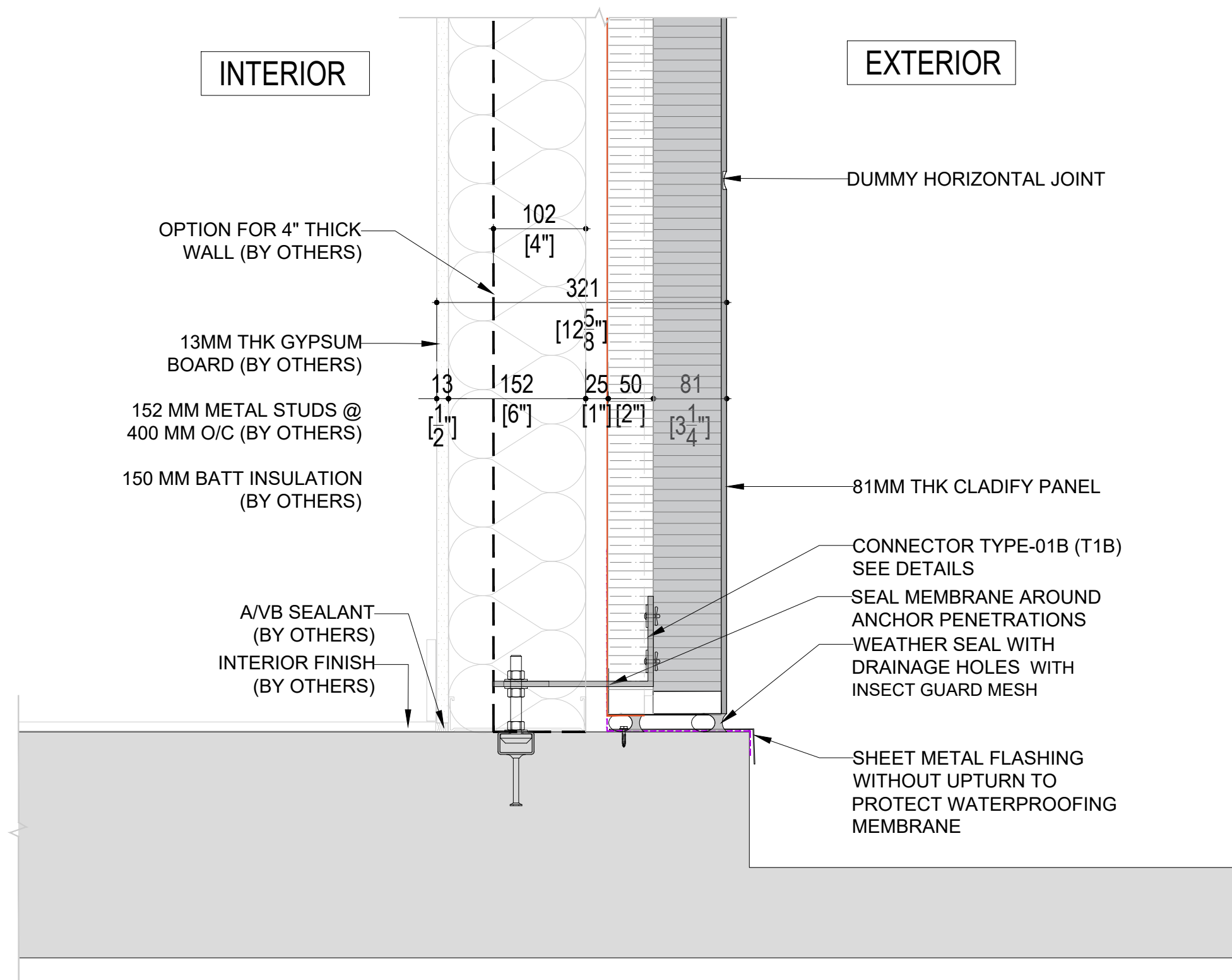
NI-005 (Rev08.1)
MODIFIED BACKSHEET



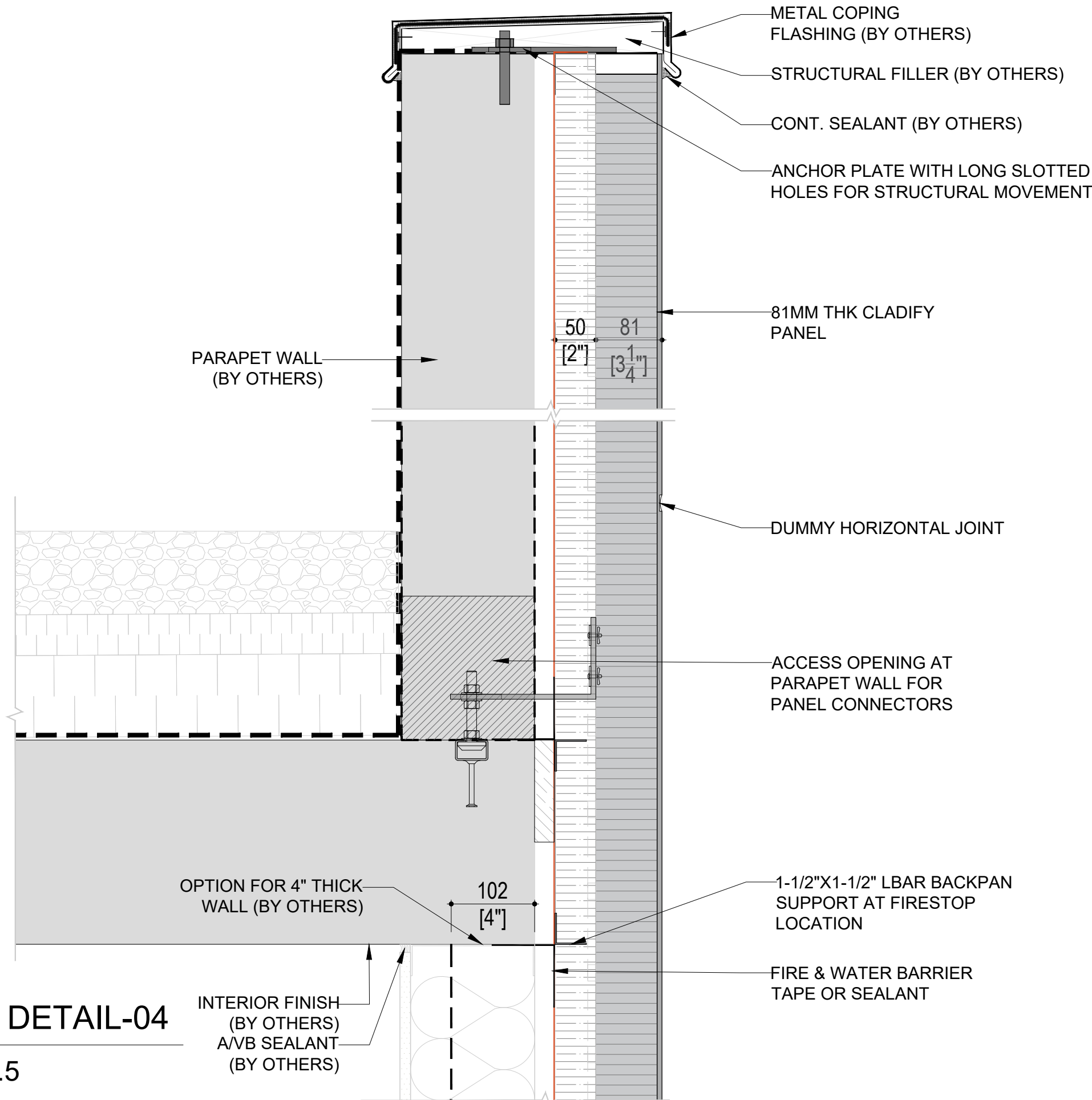
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NI-005 SCALE: 1:7.5



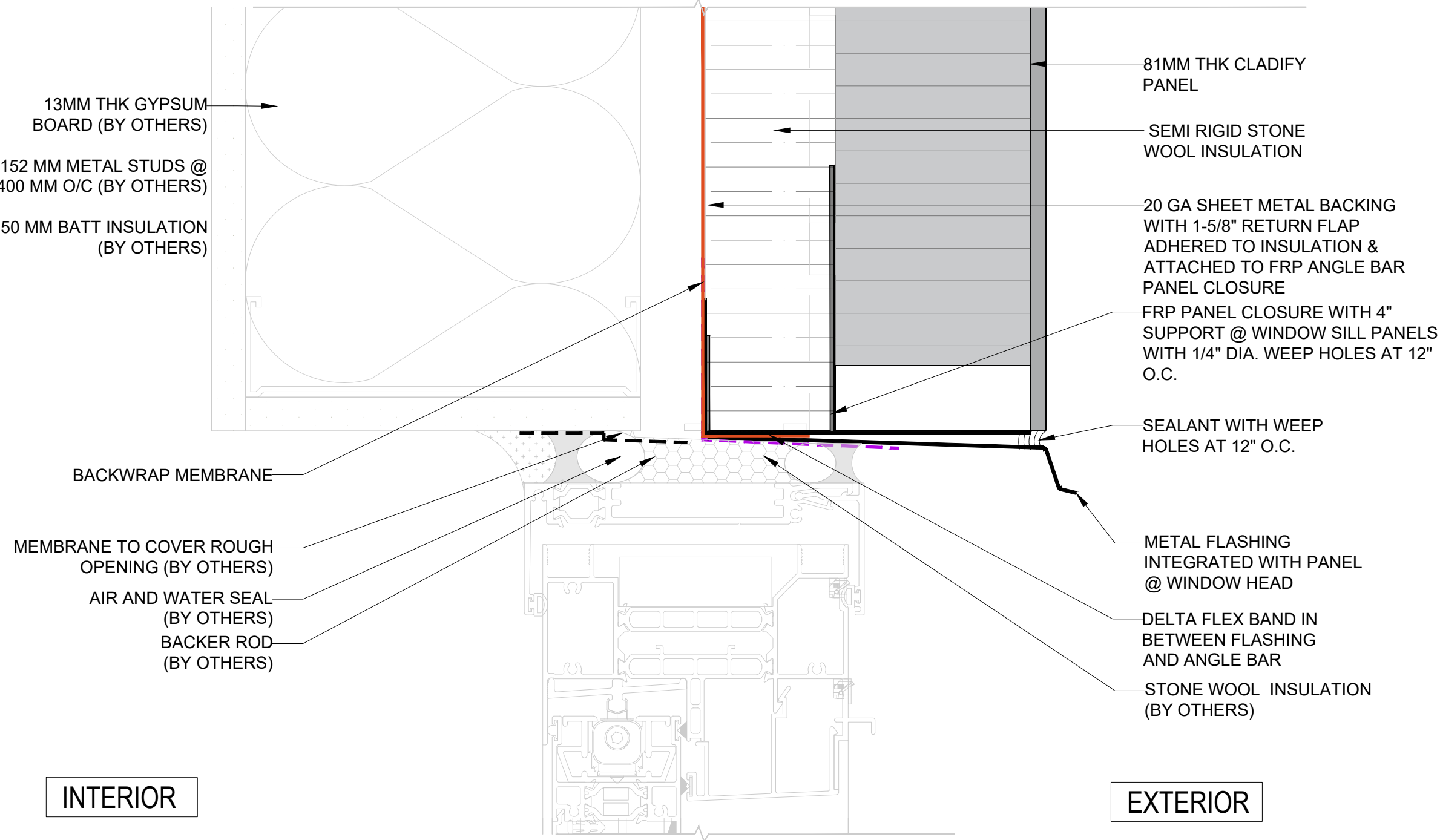
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01 SECTION DETAIL-01
NI-005 SCALE: 1:7.5



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

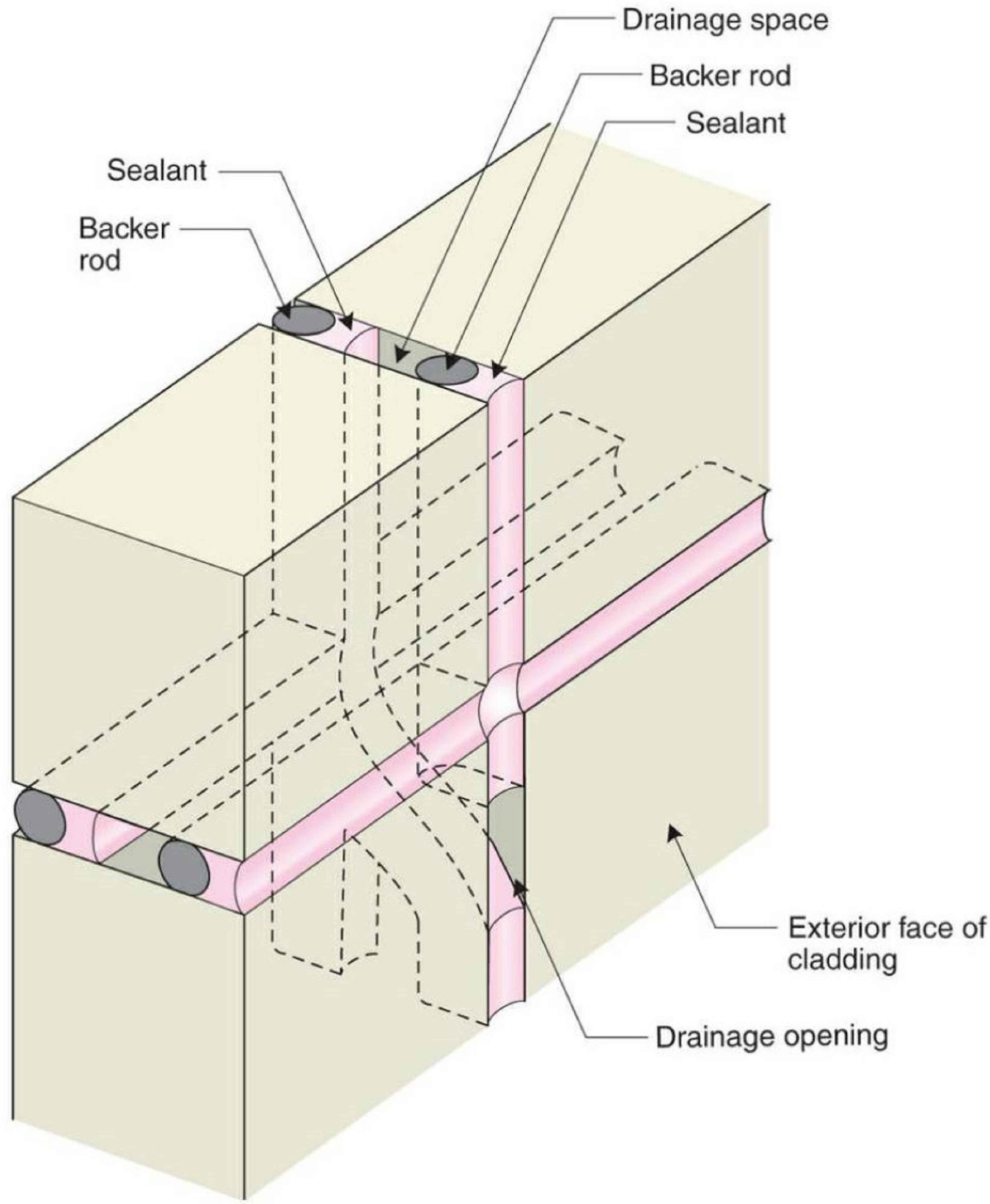


02

SECTION SPOT DETAIL- WINDOW TOP

NI-006

SCALE: 1:2.5

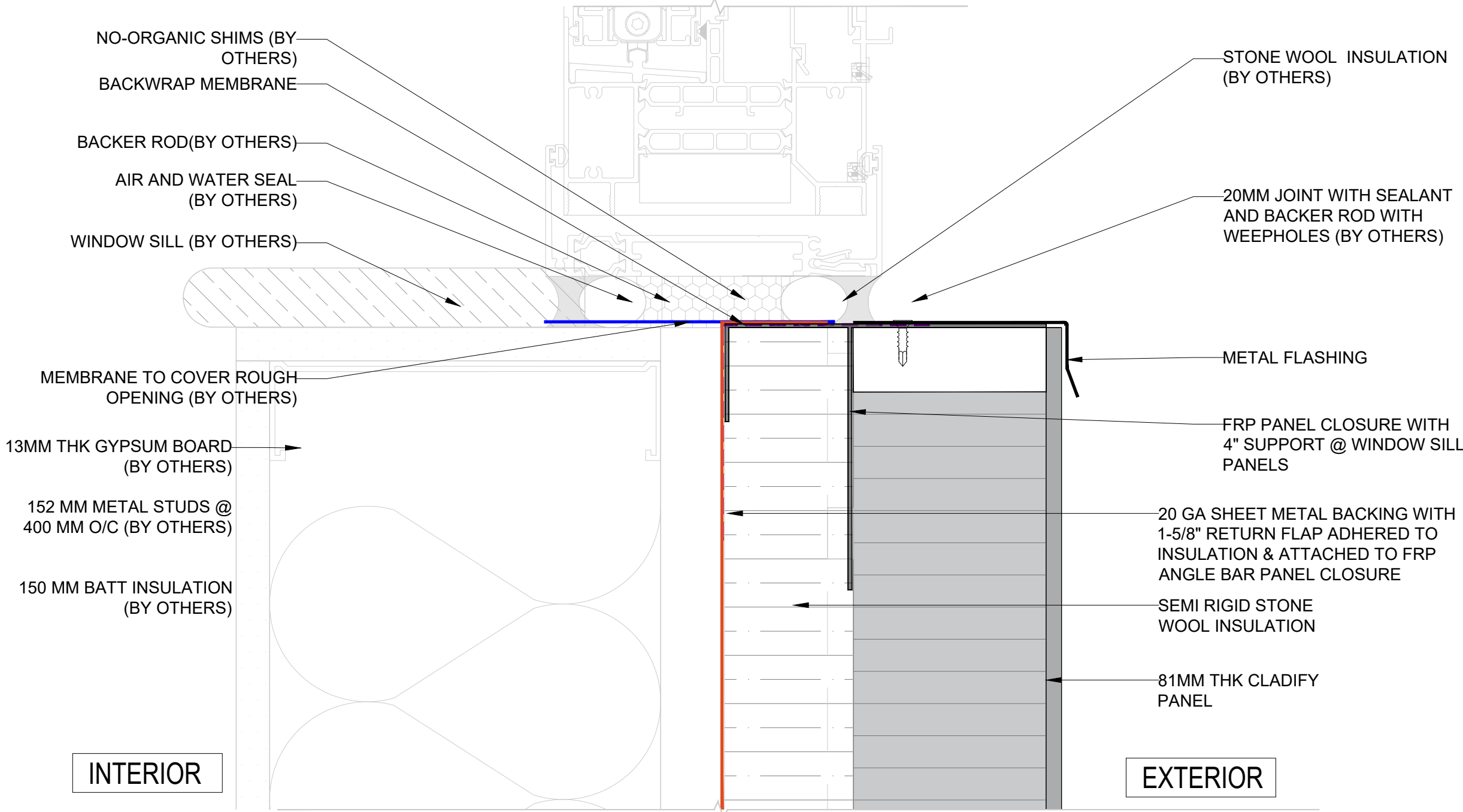


04

CONCEPT OF 2 STAGE CAULKING OF CLADIFY PANELS

NI-006

NDTS

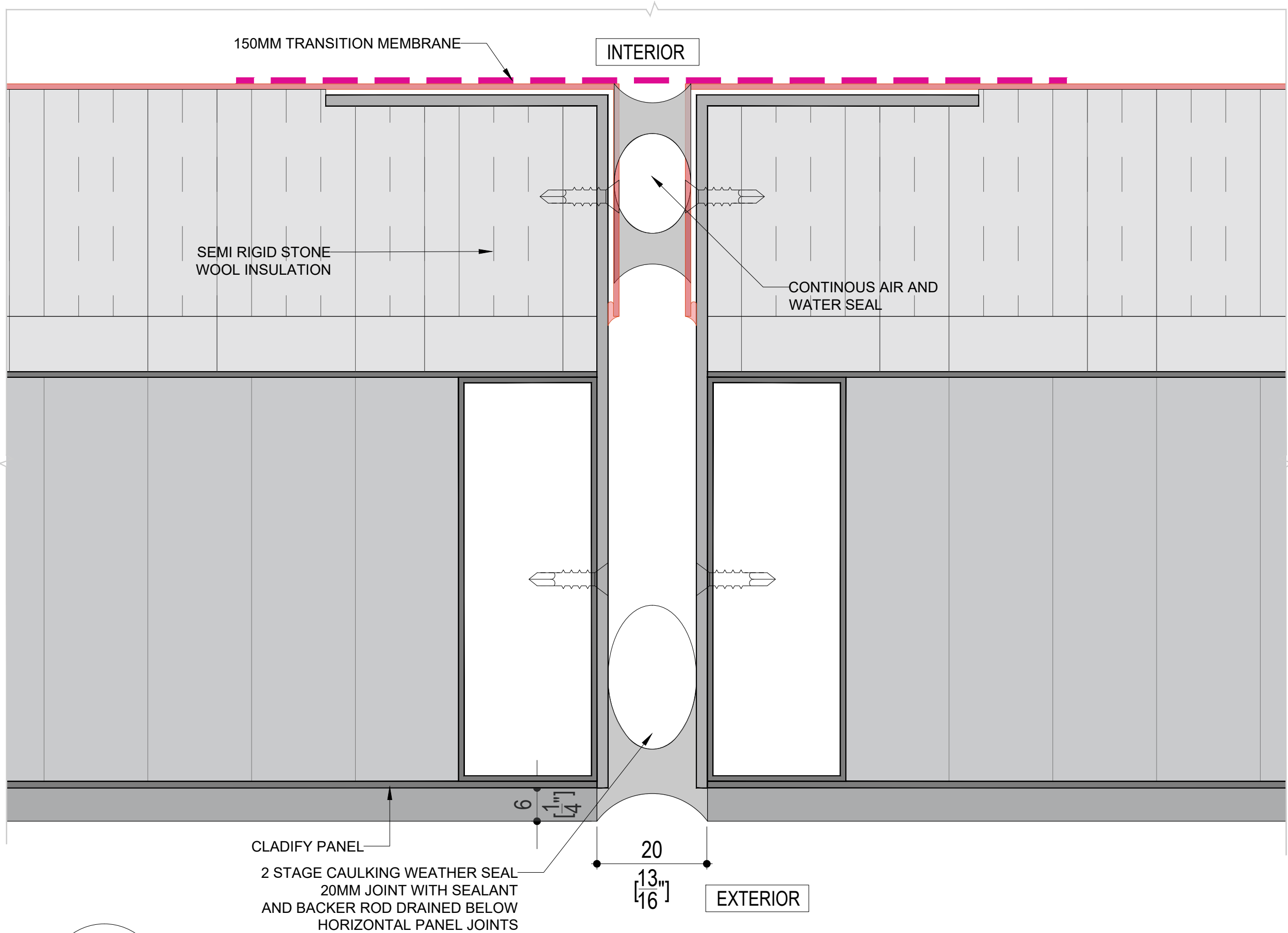


01

SECTION SPOT DETAIL- WINDOW SILL

NI-006

SCALE: 1:2.5



03

PLAN SPOT DETAIL-01 - CAULKING

NI-006

SCALE: 1:1

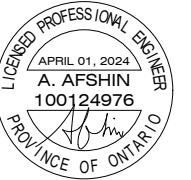
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ABBREVIATIONS:

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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

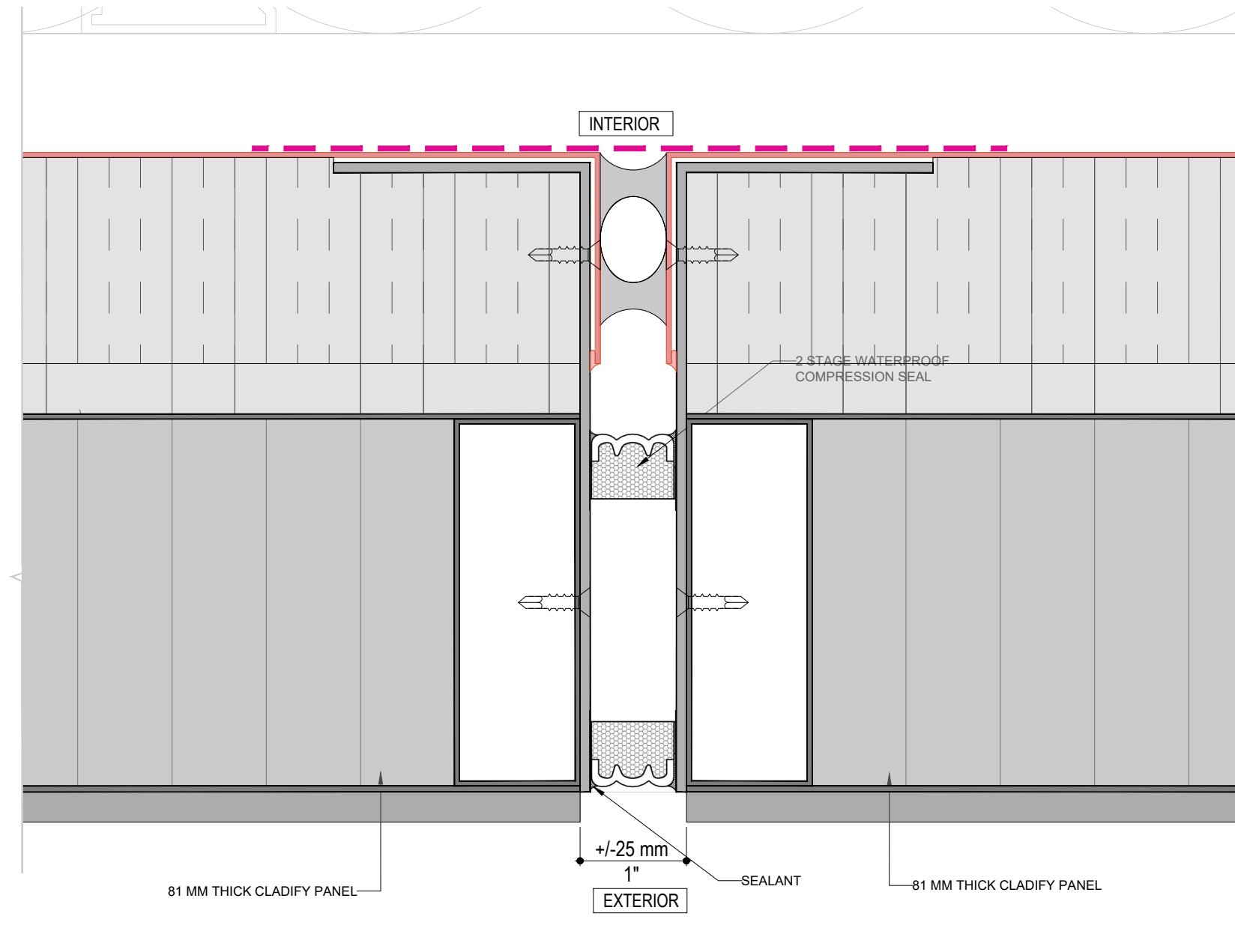
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SCALE: AS INDICATED
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MEASURED BY:
CHECKED BY: AR / AS

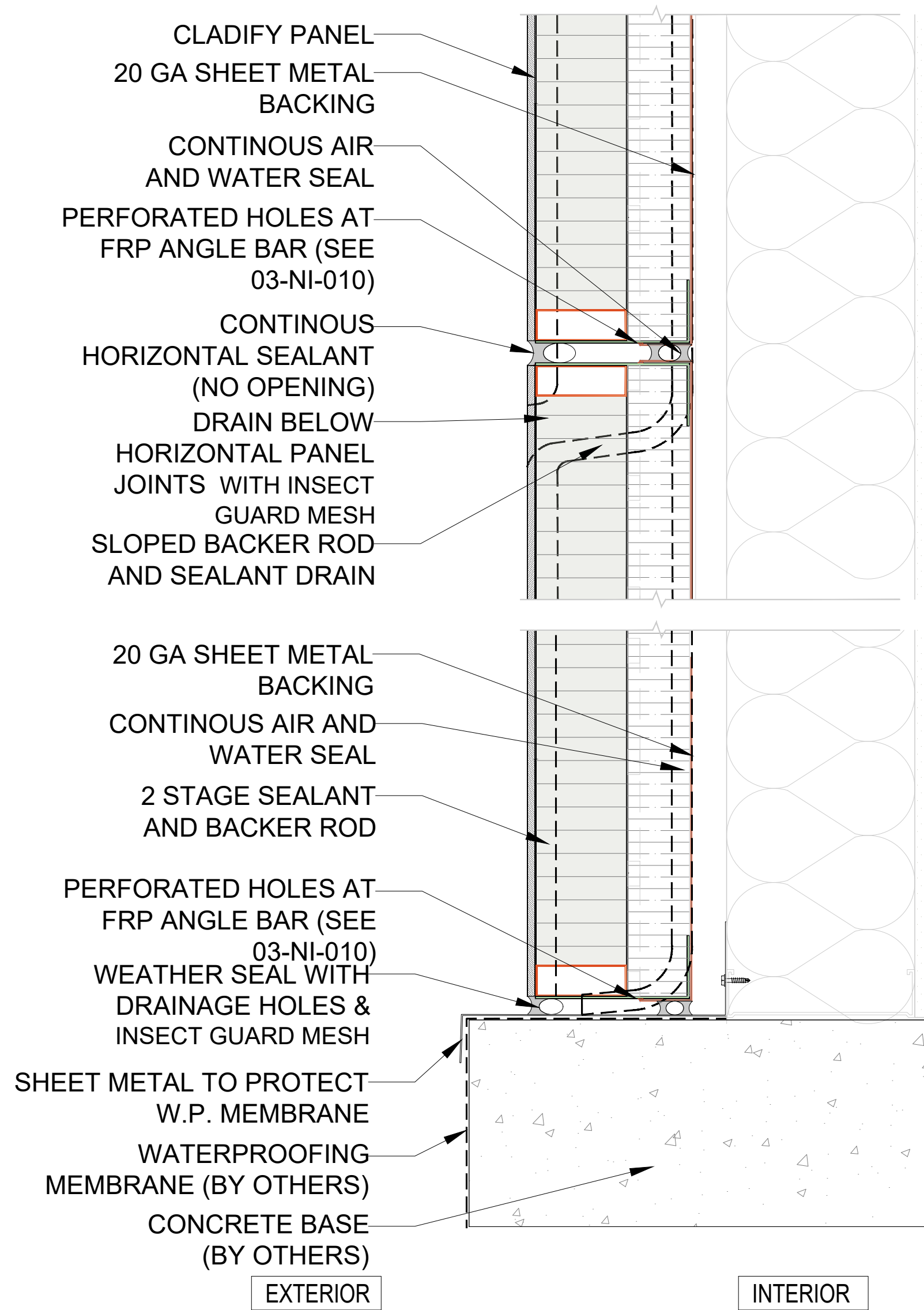
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NI-006 (Rev08.1)
MODIFIED BACKSHEET



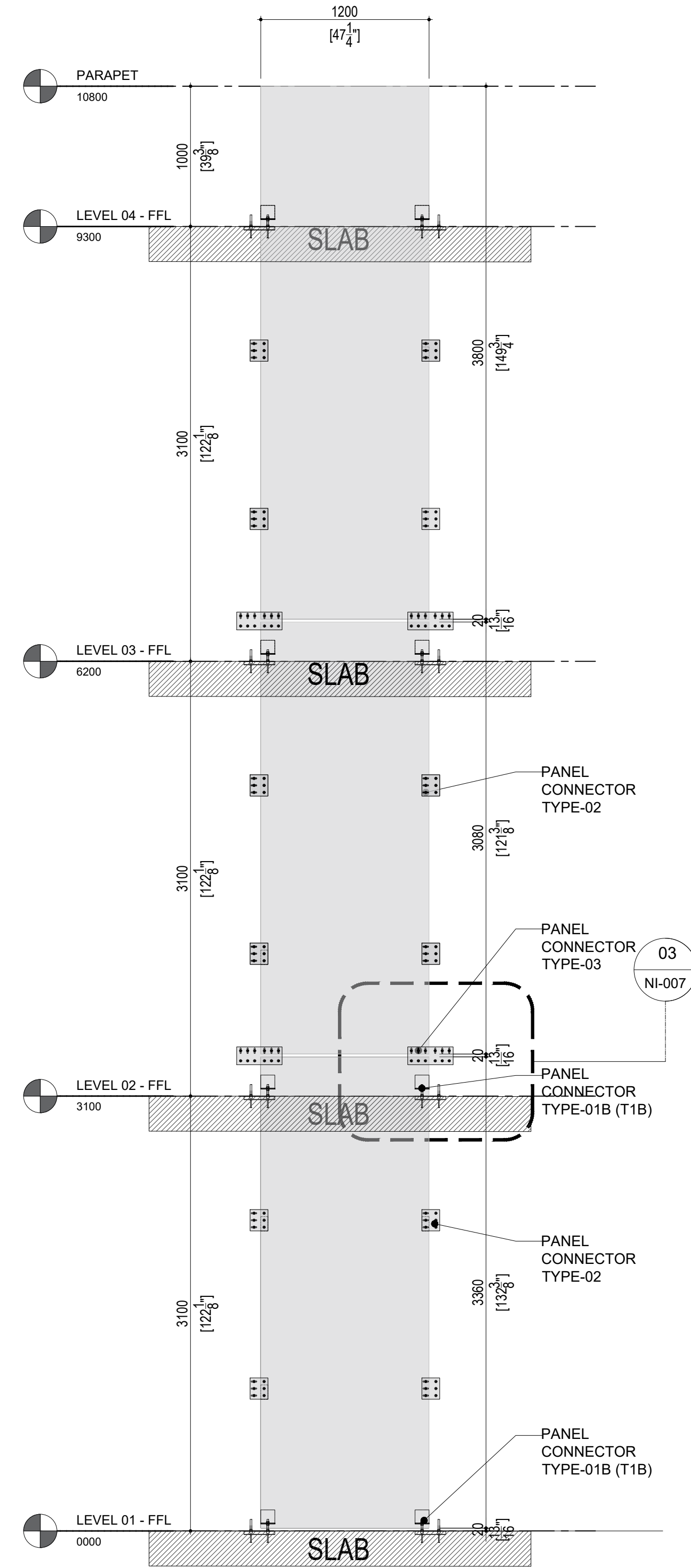
03
NI-007

PANEL EXPANSION JOINT DETAIL
NDTS



01
NI-007

PANEL SECTION DETAILS
-



02
NI-007

SINGLE LINE PANEL INTERNAL ELEVATION
-

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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

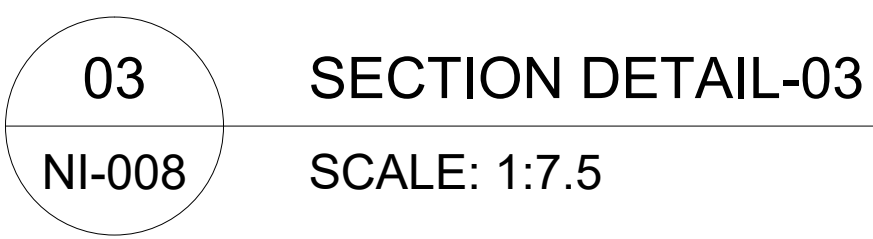
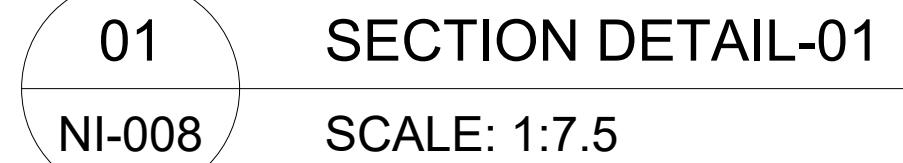
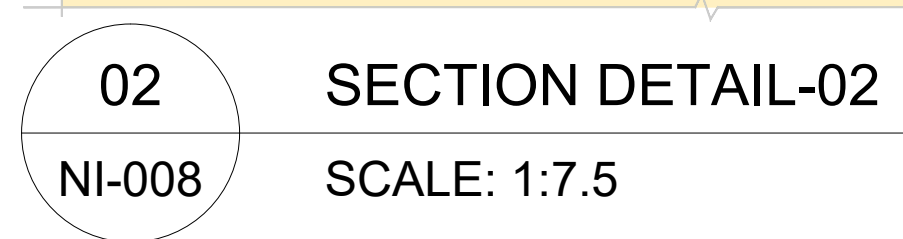
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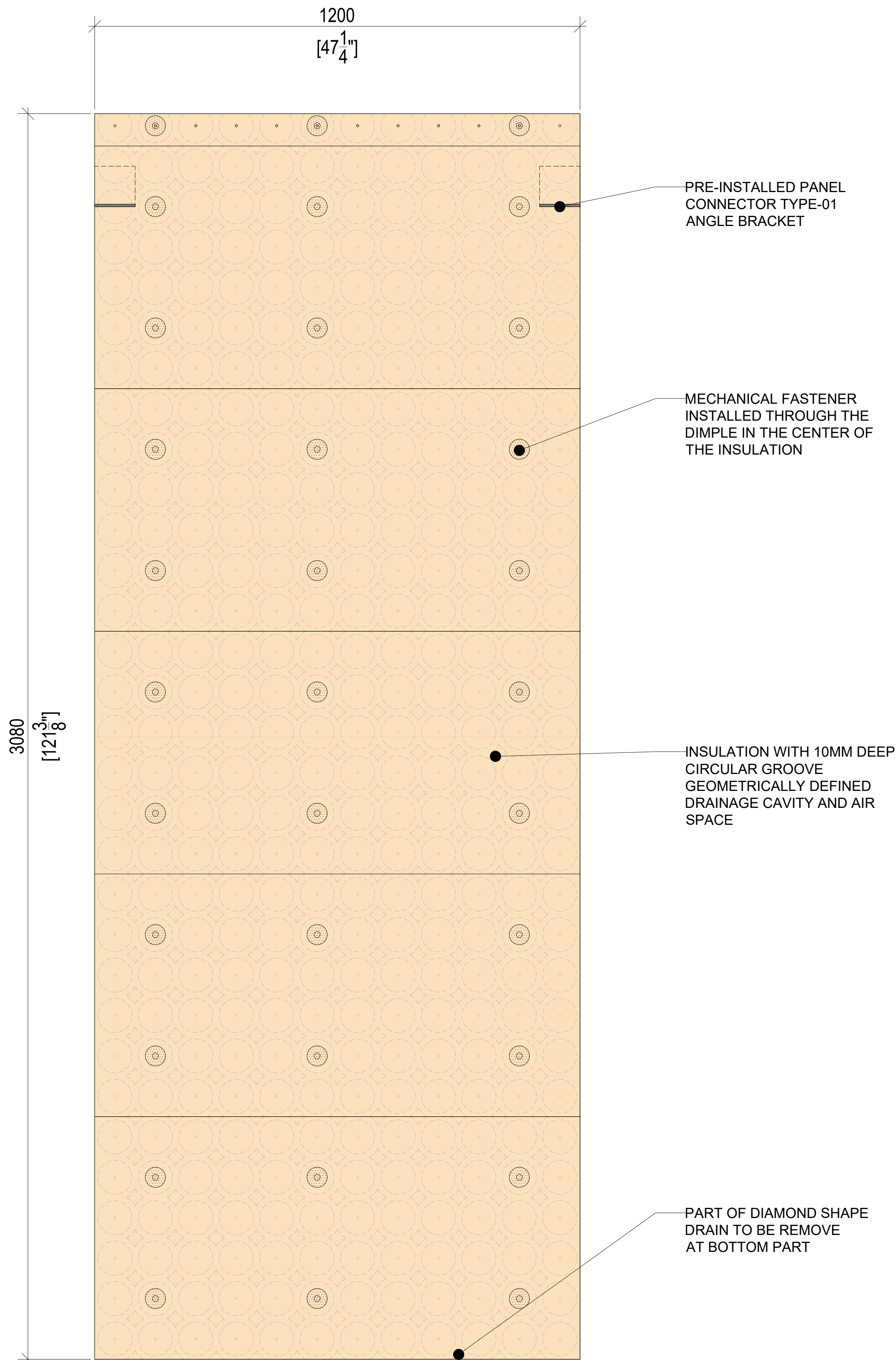
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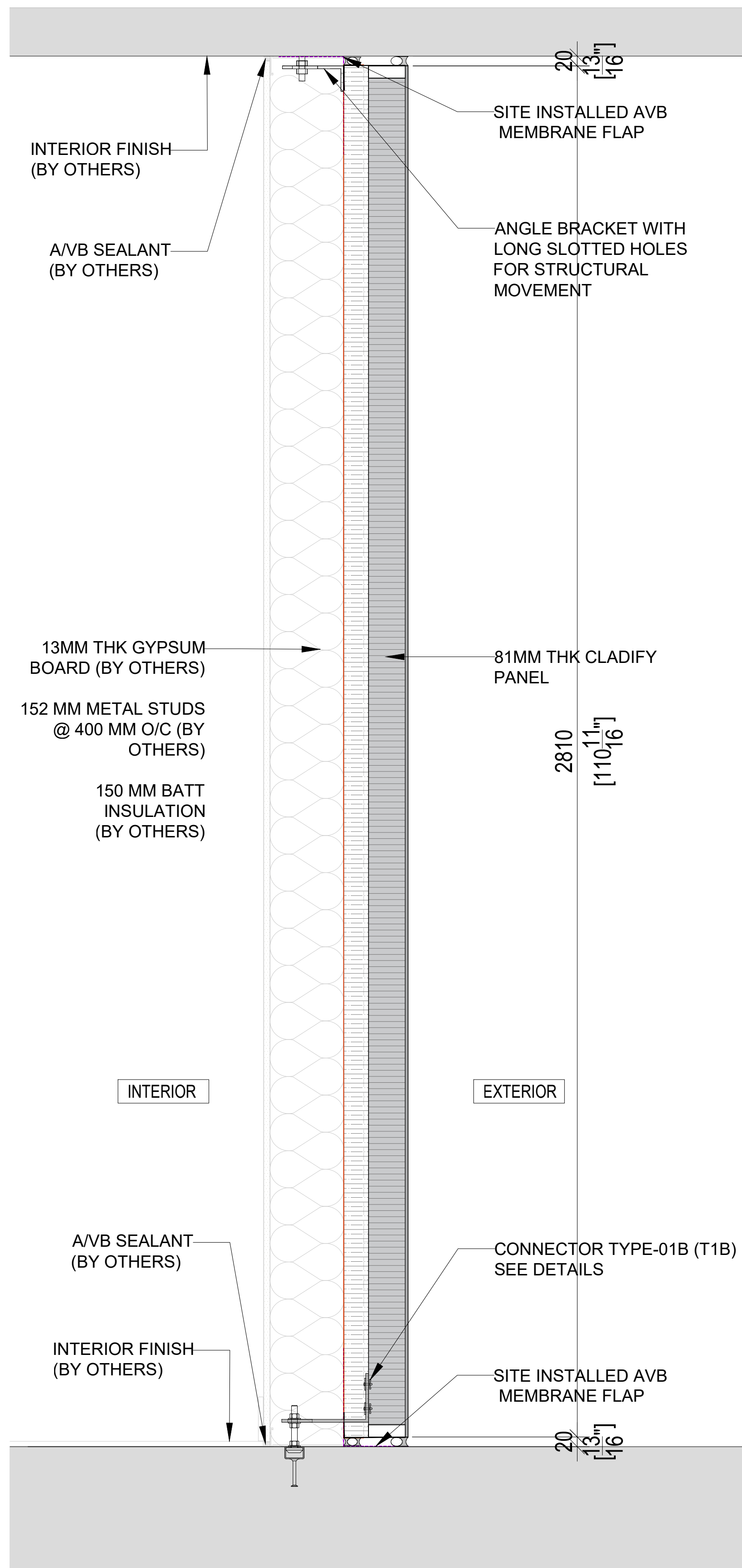
NI-007 (Rev08.1)
MODIFIED BACKSHEET



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



01 PRE-INSTALLED INSULATION
NI-009 PANEL INTERNAL ELEVATION



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

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SEAL



REV.	YY-MM-DD	DESCRIPTION
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ARCHITECT

CLIENT

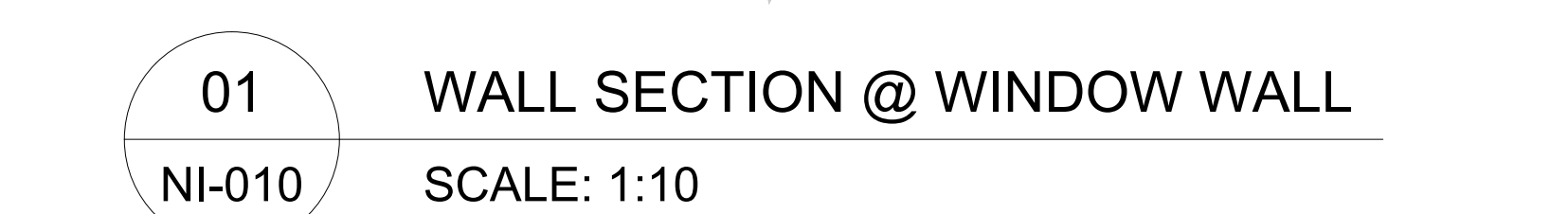
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CLADIFAB
CLADIFY/MITREX
PREFAB WALL SYSTEM

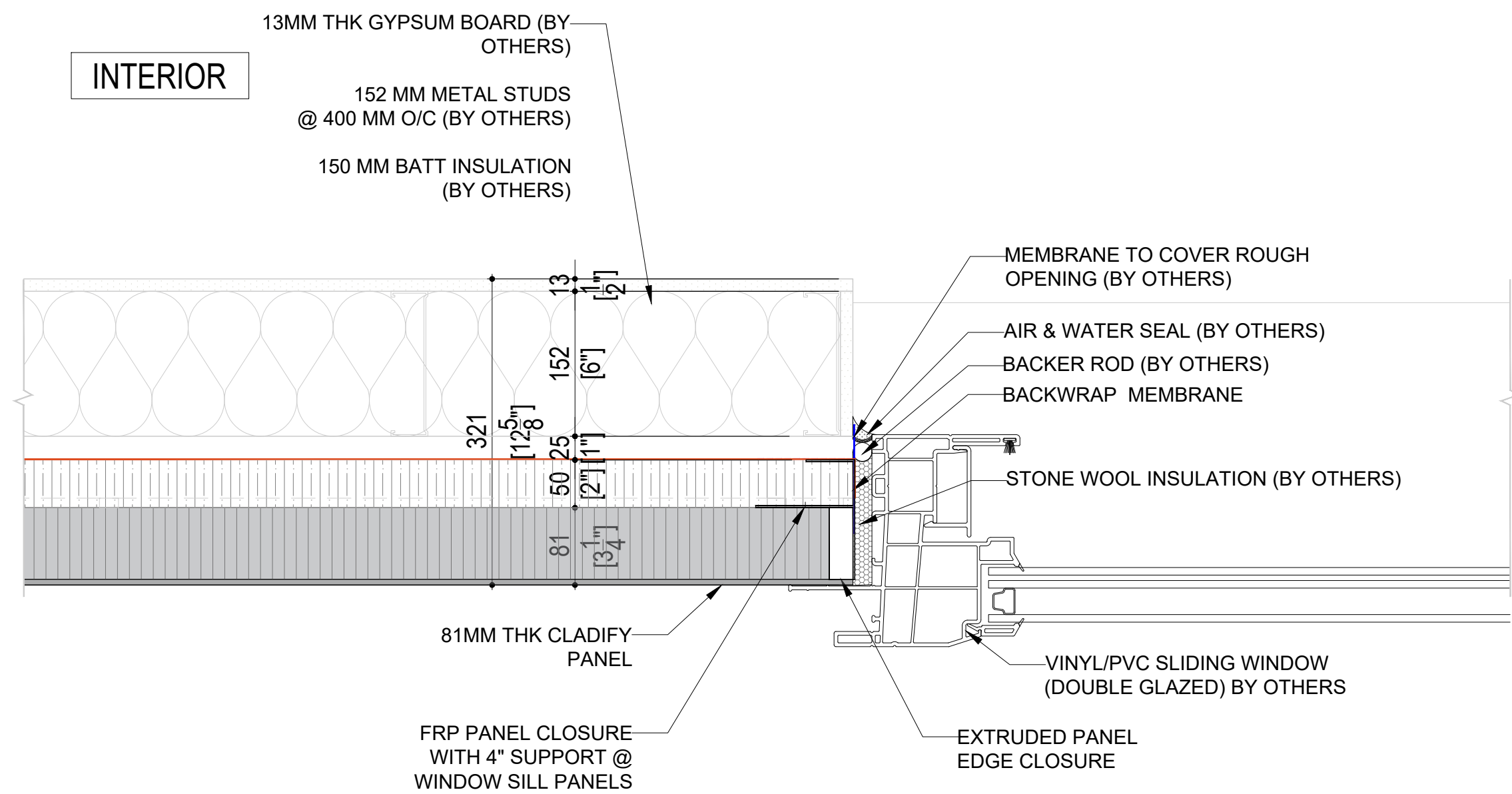
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DETAILS

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DATE: 2024-04-01
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MEASURED BY:
CHECKED BY: AR / AS

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





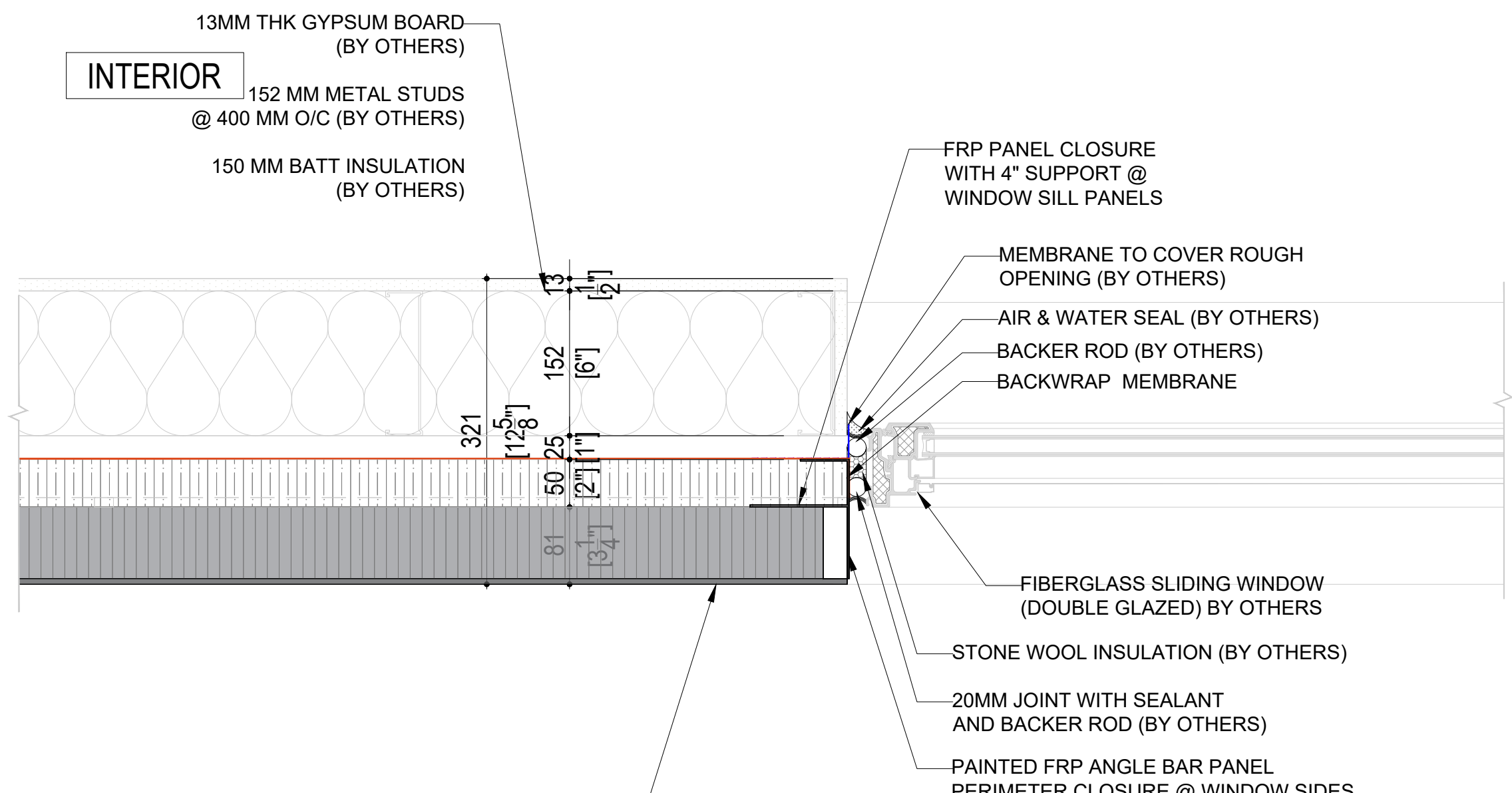
EXTERIOR

02

PLAN DETAIL OF VINYL/PVC WINDOW

NI-011

SCALE: 1:7.5



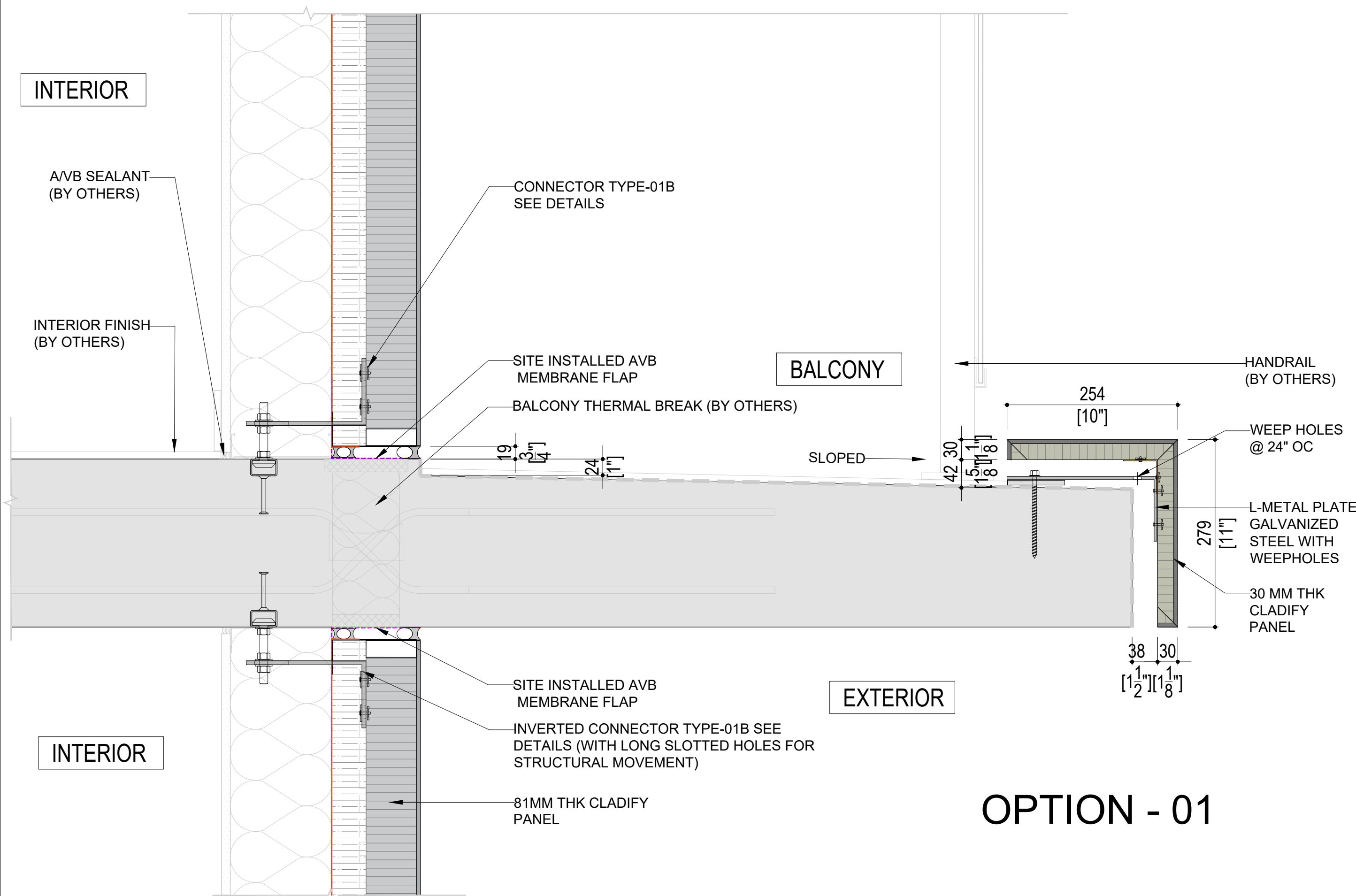
EXTERIOR

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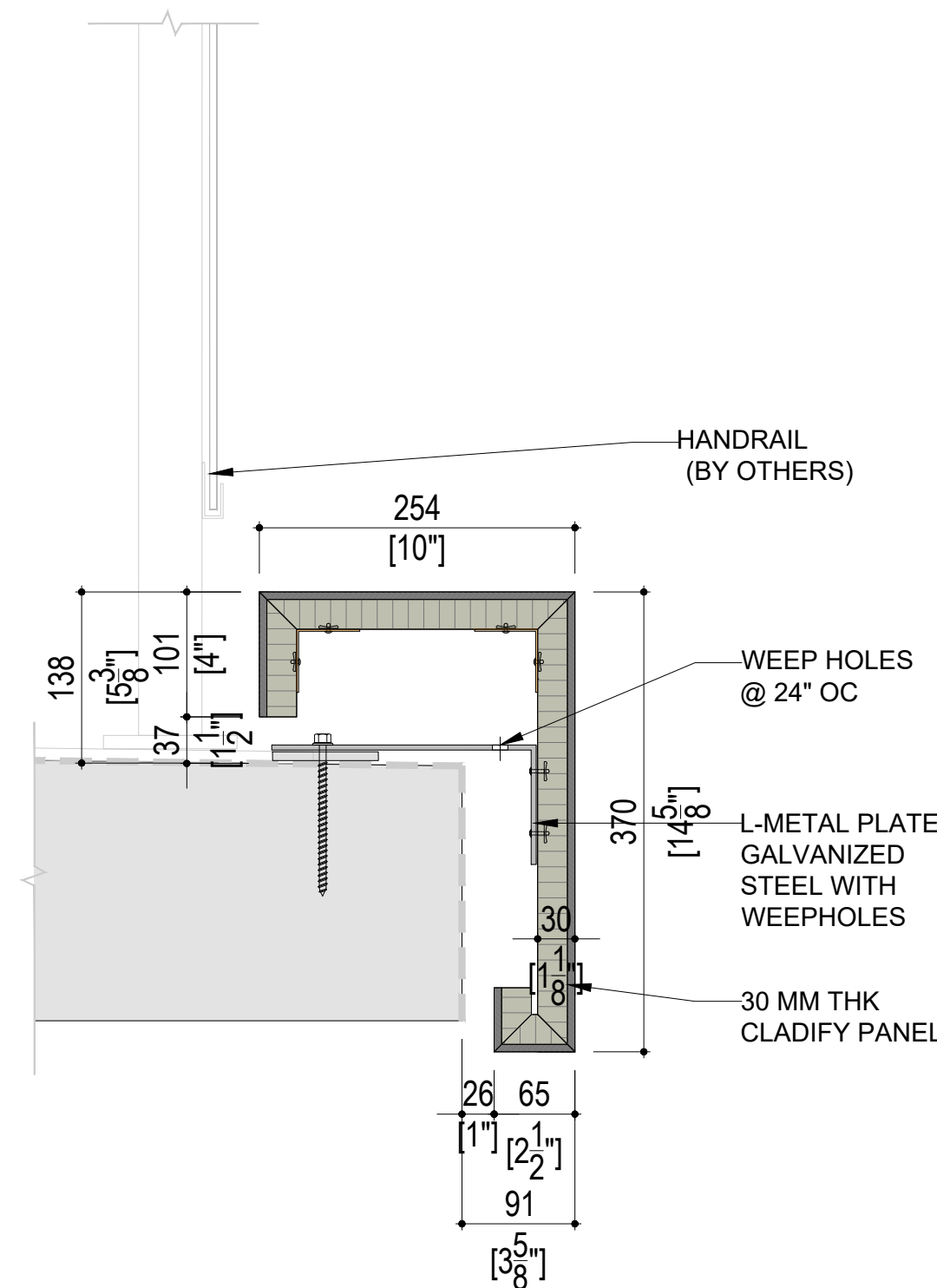
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NI-011

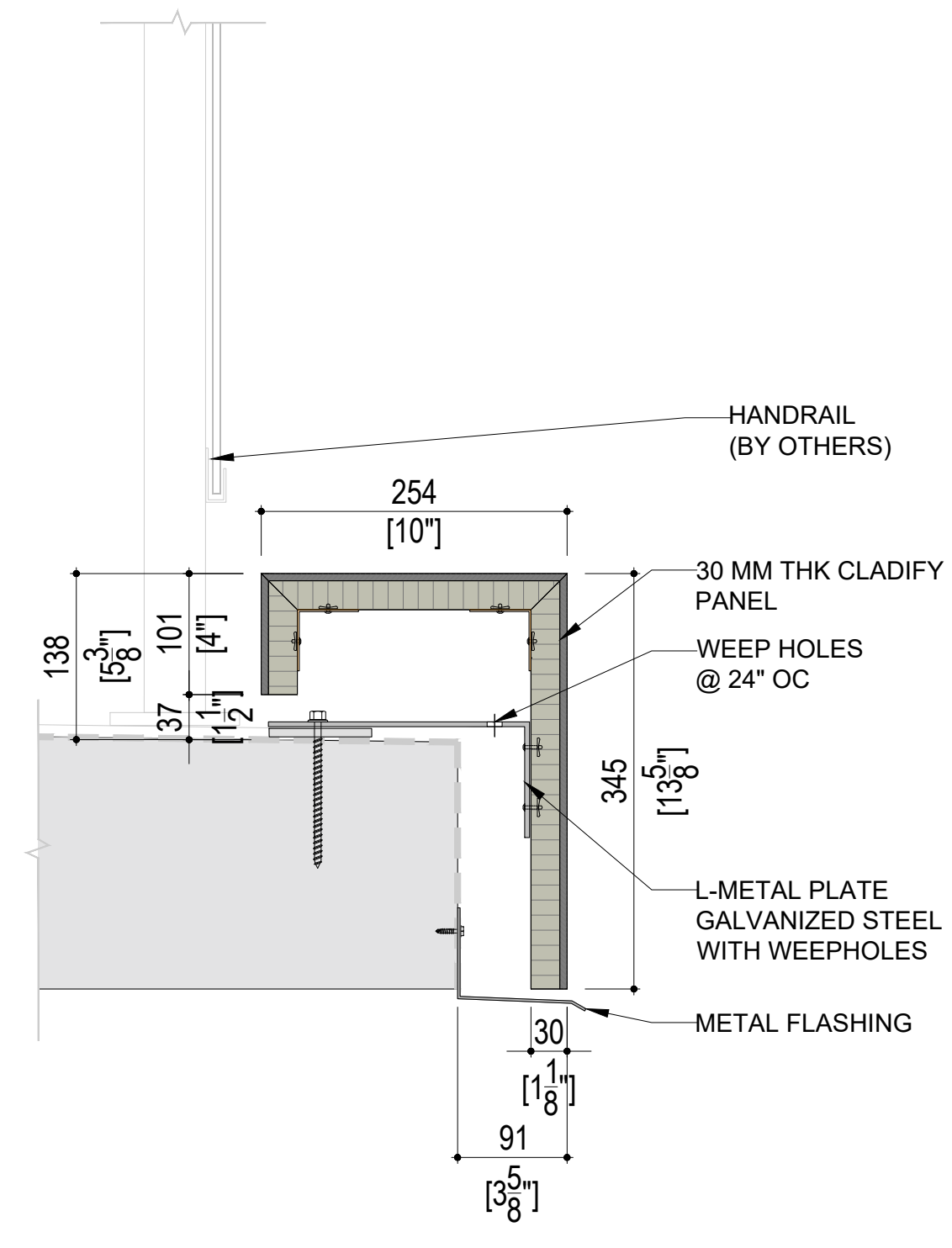
SCALE: 1:7.5



OPTION - 01



OPTION - 02



OPTION - 03

01

WALL SECTION @ BALCONY

NI-011

SCALE: 1:10

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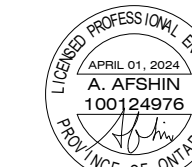
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REV. YY-MM-DD DESCRIPTION

ARCHITECT

CLIENT

PROJECT TITLE

CLADIFAB
CLADIFY/MITREX
PREFAB WALL SYSTEM

SHEET TITLE

BALCONY SECTION
WINDOW TYPES SECTION

INFORMATION

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

DRAWING NO:

NI-011 (Rev08.1)
MODIFIED BACKSHEET

