

FACADE
PORCELANOSA

**Porcelain
Open-joint
cladding solution**

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PROJECT NAME:
TECHNICAL BOOK
OPEN-JOINT PORCELAIN CLADDING
SOLUTIONS

PORCELANOSA
FAÇADE/

IMPORTANT NOTES:

PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HEREIN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

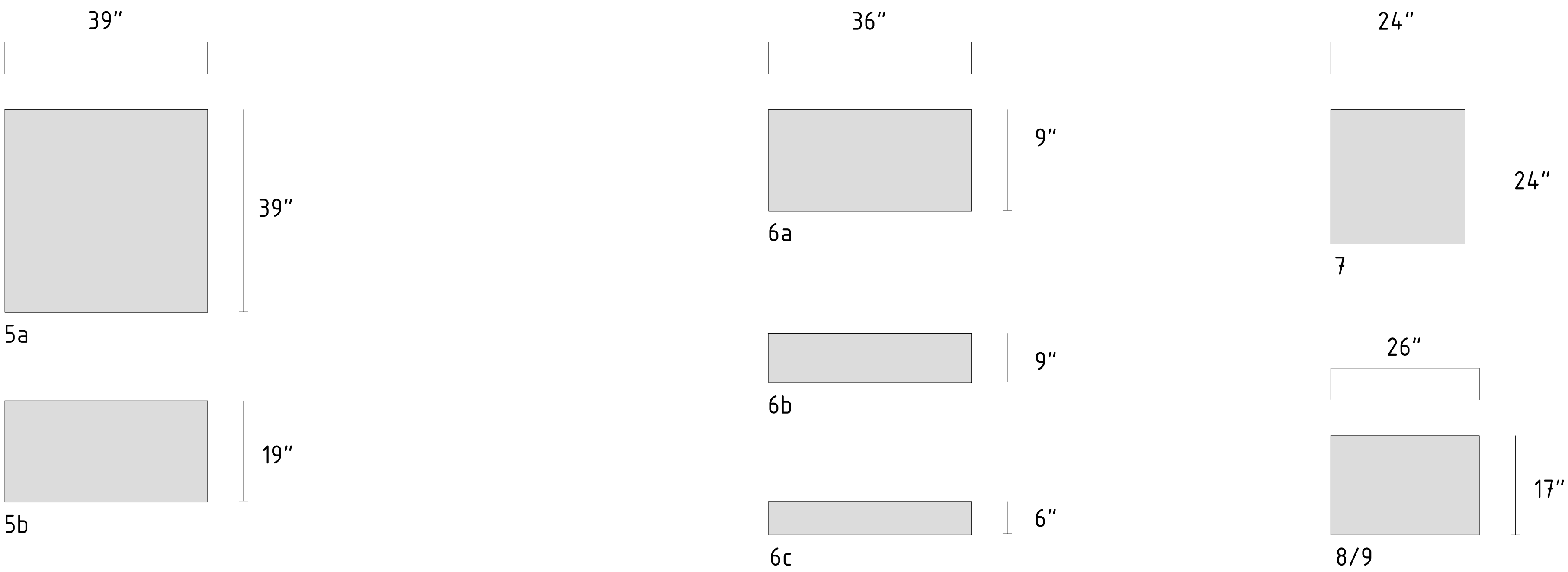
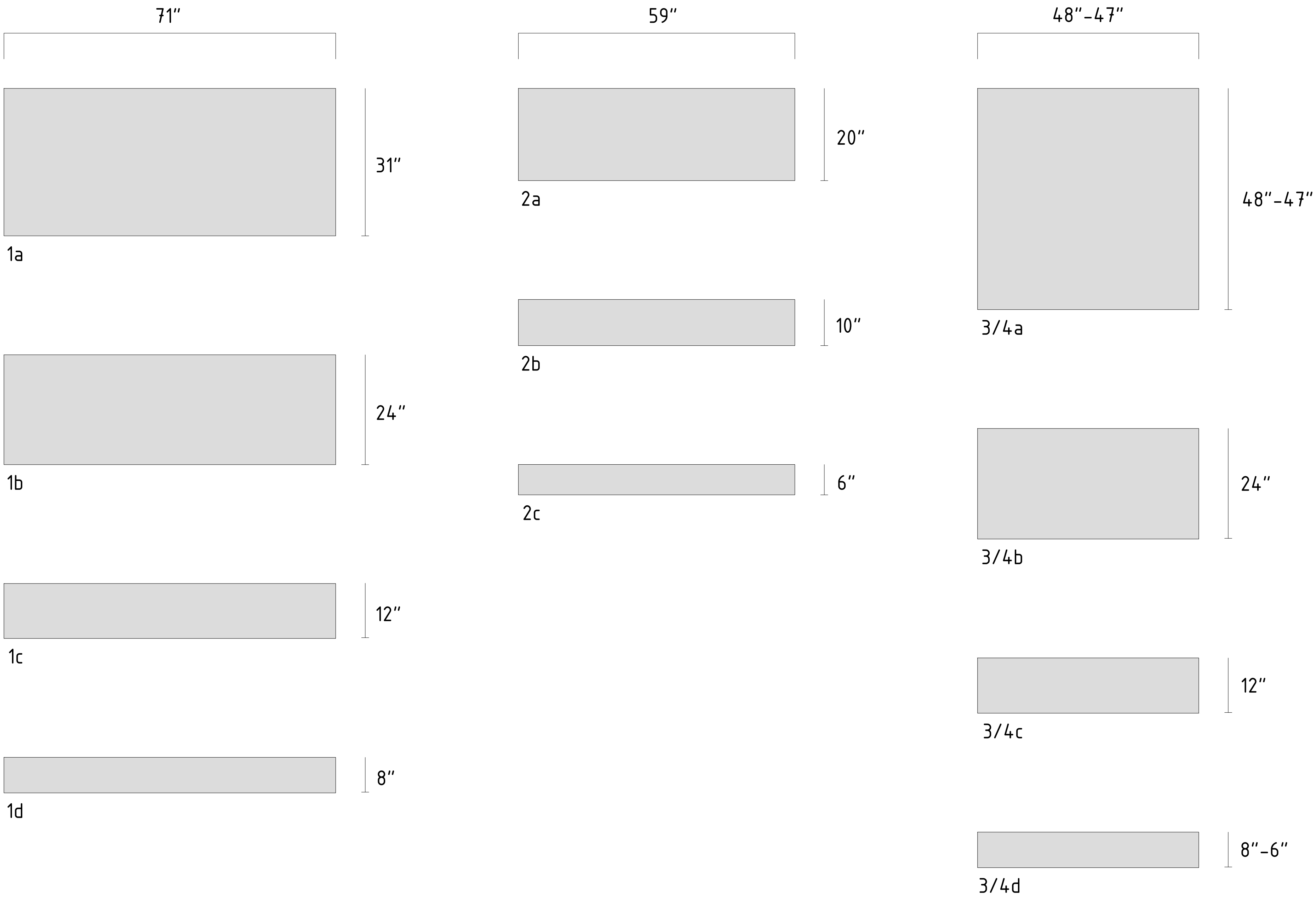
REVISIONS:			
DATE	REV.	DESCRIPTION	

SHEET TITLE:
INDEX

SCALE:

SHEET NO:	REVISION:
000	

1 - STANDARD PORCELAIN PANELS - MOLDS & SIZES



IMPORTANT NOTES:

1. NOT ALL FINISHES ARE AVAILABLE IN ALL SIZES. PLEASE CHECK WITH PORCELANOSA SALES REPRESENTATIVE FOR AVAILABLE FINISHES FOR EACH OF THE SIZES SHOWN IN THIS DRAWING.
2. MINIMUM QUANTITY REQUIRED FOR A SPECIAL PRODUCTION IS 15,000 SF. WITH THIS, ANY PORCELAIN FINISH CLASSIFIED AS "FLOOR TILE" CAN BE PRODUCED IN ANY SIZES SHOWN IN THE DRAWING.
3. ALL PANELS SUPPLIED WITH SAFETY FIBERGLASS MESH.
4. ALL PANELS AVAILABLE WITH CONCEALED OR EXPOSED FASTENER.

2 - EXACT DIMENSIONS

Panel Index	Width		Height		Thickness	
	inches	mm	inches	mm	inches	mm
1a	70-7/8"	1.800	31-1/2"	800	0,45"	11,5
1b	70-7/8"	1.800	23-7/16"	596	0,45"	11,5
1c	70-7/8"	1.800	11-9/16"	294	0,45"	11,5
1d	70-7/8"	1.800	7-5/8"	193	0,45"	11,5
2a	59-1/16"	1.500	19-11/16"	500	0,43"	11
2b	59-1/16"	1.500	9-13/16"	250	0,43"	11
2c	59-1/16"	1.500	6-1/2"	165	0,43"	11
3a	47-1/4"	1.200	47-1/4"	1.200	0,45"	11,5
3b	47-1/4"	1.200	23-7/16"	596	0,45"	11,5
3c	47-1/4"	1.200	11-9/16"	294	0,45"	11,5
3d	47-1/4"	1.200	7-5/8"	193	0,45"	11,5
4a	46-7/8"	1.190	46-7/8"	1.190	0,47"	12
4b	46-7/8"	1.190	23-3/8"	594	0,47"	12
4c	46-7/8"	1.190	11-5/8"	296	0,47"	12
4d	46-7/8"	1.190	5-13/16"	147	0,47"	12
5a	39-6/16"	1.000	39-6/16"	1.000	0,43"	11
5b	39-6/16"	1.000	19-10/16"	500	0,43"	11
6a	35-7/16"	900	17-11/16"	450	0,41"	10,5
6b	35-7/16"	900	8-11/16"	220	0,41"	10,5
6c	35-7/16"	900	5-5/8"	143	0,41"	10,5
7	23-7/16"	596	23-7/16"	596	0,44"	11,2
8	26"	660	17-5/16"	440	0,41"	10,5
9	25-15/16"	659	17-1/8"	435	0,41"	10,5

3 - PANEL CODE NOMENCLATURE

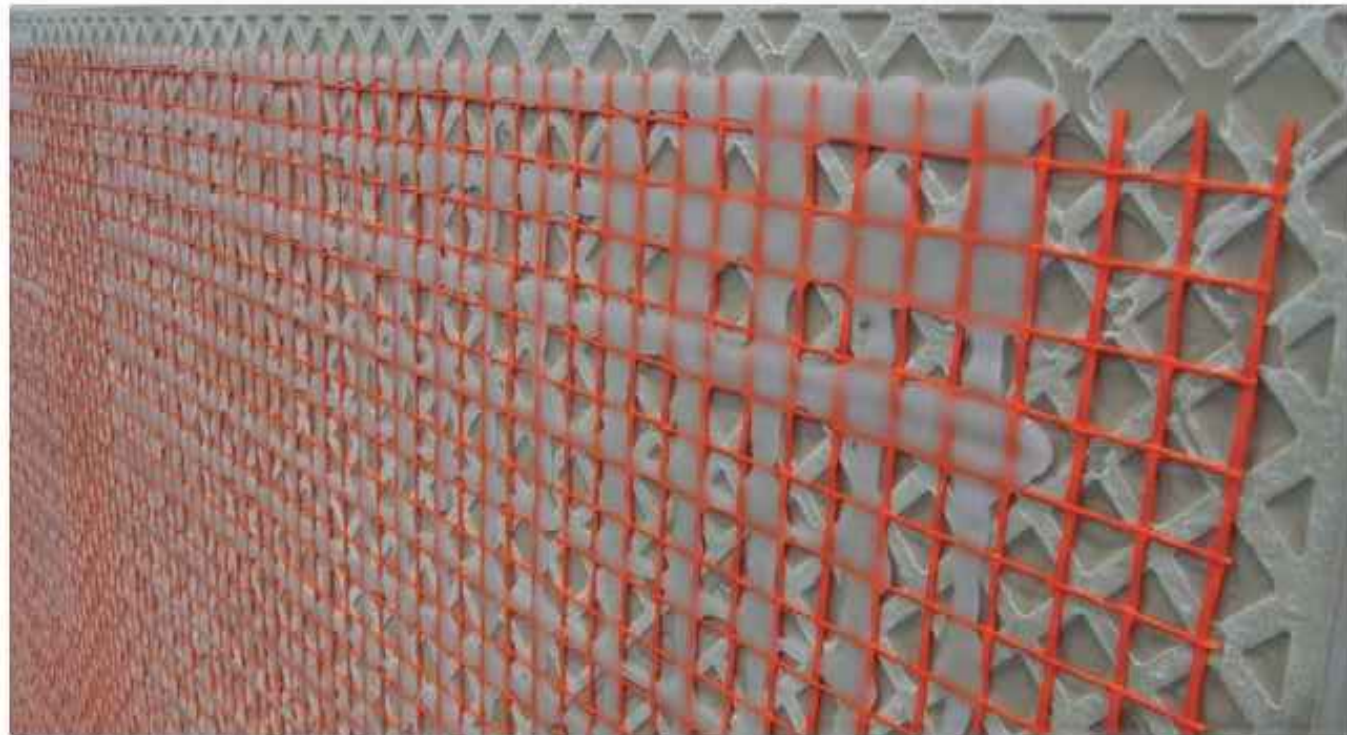
C O D E
0000
SIZE SPEC MITER

SPEC. LEGEND		
0	BASE	
1	ML	
2	ML+R8H	
3	ML+R4V+R2H	
4	ML+R4V+R4H	
5	ML+R6H	
6	ML+R2V+R6H	
7	ML+R4H	
8	ML+R4V	
9	ML+R2V	

MITERED SIDES LEGEND		
0	NO MITER SIDES	
1	LC1	
2	LC2	
3	LL1	
4	LL2	

4 - SAFETY FIBERGLASS MESH

ALL PORCELAIN PANELS SUPPLIED WITH SAFETY FIBERGLASS MESH.



REAR SIDE OF THE PANEL

PROJECT NAME:
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REVISIONS:		
DATE	REV	DESCRIPTION

SHEET TITLE:
MOLDS & PANEL SIZES
CODES & SPECS LEGEND

SCALE:
NTS

SHEET NO:
001

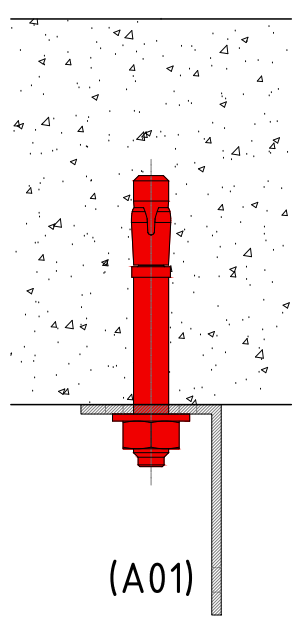
REVISION:

1 - MATERIAL LEGEND

CODE:	ITEM DESCRIPTION:
A01	VFS ANCH CONCRETE SLAB H/LTI K8T2
A02	VFS ANCH CONCRETE/CMU WALL ULTRACON
A03	VFS ANCH CONCRETE/CMU WALL ULTRACON LONG
A04	VFS ANCH METALSTUD SHEATH/ELCO DRIFLEX
A05	VFS ANCH METALSTUD SHEATH/ELCO DRIFLEX
A06	VFS ANCH WOOD STUD SIMPSON
A07	VFS ANCH STEEL H/LTI
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B02	VFS DOUBLE L-BRACKET 5-5/16" (140MM)
B03	VFS DOUBLE L-BRACKET 3-5/16" (80MM)
B04	VFS DOUBLE L-BRACKET 3-1/16" (80MM)
B05	VFS DOUBLE L-BRACKET 4" (100MM)
B06	VFS DOUBLE L-BRACKET 4-3/4" (100MM)
B07	VFS DOUBLE L-BRACKET 5-1/2" (140MM)
B08	VFS DOUBLE L-BRACKET 6-5/16" (160MM)
B09	VFS DOUBLE L-BRACKET 7-1/16" (180MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B12	VFS SINGLE L-BRACKET 5-5/16" (140MM)
B13	VFS SINGLE L-BRACKET 2-4/16" (80MM)
B14	VFS SINGLE L-BRACKET 3-1/16" (80MM)
B15	VFS SINGLE L-BRACKET 4" (100MM)
B16	VFS SINGLE L-BRACKET 4-3/4" (100MM)
B17	VFS SINGLE L-BRACKET 5-1/2" (140MM)
B18	VFS SINGLE L-BRACKET 6-5/16" (160MM)
B19	VFS SINGLE L-BRACKET 7-1/16" (180MM)
F01	VFS FIXING DEPTH 6MM JOINT START/END BL
F02	VFS FIXING DEPTH 6MM JOINT 3/16" CE BL
F03	VFS FIXING DEPTH 6MM JOINT 3/16" LA BL
F04	VFS FIXING DEPTH 6MM JOINT 3/16" ST BL
F05	VFS FIXING DEPTH 6MM JOINT 5/16" CE BL
F06	VFS FIXING DEPTH 6MM JOINT 5/16" LA BL
F07	VFS FIXING DEPTH 6MM JOINT 5/16" ST BL
F11	VFS FIXING DEPTH 7.5MM JOINT START/END BL
F12	VFS FIXING DEPTH 7.5MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 7.5MM JOINT 3/16" LA BL
F14	VFS FIXING DEPTH 7.5MM JOINT 3/16" ST BL
F15	VFS FIXING DEPTH 7.5MM JOINT 5/16" CE BL
F16	VFS FIXING DEPTH 7.5MM JOINT 5/16" LA BL
F17	VFS FIXING DEPTH 7.5MM JOINT 5/16" ST BL
F21	VFS FIXING DEPTH 9MM JOINT START/END BL
F22	VFS FIXING DEPTH 9MM JOINT 3/16" CE BL
F23	VFS FIXING DEPTH 9MM JOINT 3/16" LA BL
F24	VFS FIXING DEPTH 9MM JOINT 3/16" ST BL
F25	VFS FIXING DEPTH 9MM JOINT 5/16" CE BL
F26	VFS FIXING DEPTH 9MM JOINT 5/16" LA BL
F27	VFS FIXING DEPTH 9MM JOINT 5/16" ST BL
F31	VFS FIXING DEPTH 12MM JOINT START/END BL
F32	VFS FIXING DEPTH 12MM JOINT 3/16" CE BL
F33	VFS FIXING DEPTH 12MM JOINT 3/16" LA BL
F34	VFS FIXING DEPTH 12MM JOINT 3/16" ST BL
F35	VFS FIXING DEPTH 12MM JOINT 5/16" CE BL
F36	VFS FIXING DEPTH 12MM JOINT 5/16" LA BL
F37	VFS FIXING DEPTH 12MM JOINT 5/16" ST BL
F41	VFS FIXING DEPTH 14MM JOINT START/END BL
F42	VFS FIXING DEPTH 14MM JOINT 3/16" CE BL
F43	VFS FIXING DEPTH 14MM JOINT 3/16" LA BL
F44	VFS FIXING DEPTH 14MM JOINT 3/16" ST BL
F45	VFS FIXING DEPTH 14MM JOINT 5/16" CE BL
F46	VFS FIXING DEPTH 14MM JOINT 5/16" LA BL
F47	VFS FIXING DEPTH 14MM JOINT 5/16" ST BL
F51	VFS FIXING DEPTH 14MM JOINT START/END 7036
F52	VFS FIXING DEPTH 14MM JOINT 3/16" CE 7036
F53	VFS FIXING DEPTH 14MM JOINT 3/16" LA 7036
F54	VFS FIXING DEPTH 14MM JOINT 3/16" ST 7036
F55	VFS FIXING DEPTH 14MM JOINT 5/16" CE 7036
F56	VFS FIXING DEPTH 14MM JOINT 5/16" LA 7036
F57	VFS FIXING DEPTH 14MM JOINT 5/16" ST 7036
G01	VFS CONSTRUCTION ADHESIVE P424 BL
G02	VFS DOW CORNING F95
G03	SOLID WALL REINFORCED CONCRETE SLAB 1500 PSI
G04	SOLID WALL 8" CMU WALL REINFORCED WITH #3 BARS 24" O.C.
G05	STUD WALL 6"-REGA 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G06	STUD WALL 6"-REGA 16" O/C STEEL STUDS + DOUBLE GYPSUM SHEATHING
G07	WOOD STUD WALL WOOD STUDS 2X15 THICK - 16" O/C WOOD STUD + SINGLE GYPSUM SHEATHING
G08	WOOD STUD WALL WOOD STUDS 2X15 THICK - 16" O/C WOOD STUD + DOUBLE GYPSUM SHEATHING
G09	DAMP-PROOF COARSE (DPC)
G10	WINDOW SYSTEM
G11	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONSAND ALUMINUM ON THE OTHER
G12	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE OMEGA 10FT (3M)
P04	VFS PROFILE OMEGA 10FT BLACK (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L INCL WASHER
T01	VFS CROSS SPACERS 1/16" (2MM) PACK1000
T02	VFS CROSS SPACERS 3/16" (5MM) PACK1000
T03	VFS CROSS SPACERS 1/8" (3MM) PACK1000
T04	VFS LEVELLING SPACER 1/16" (2MM)
T05	VFS LEVELLING SPACER 3/16" (5MM) PACK500
T06	VFS LEVELLING WEDGE
T07	VFS LEVELLING TOOL
T08	VFS FLEXIBLE WEDGE
T09	VFS RAMMONDI KEIF SAW MACHINE (3 PARTS)
T10	VFS DIAMOND BLADE 6H 5" (127MM)
T11	VFS WATER FEED SYSTEM FOR RAMMONDI
W01	VFS WASHER IN OH 1/4"10H OUT OH 10/16"
W02	VFS WASHER IN OH 1/4"10H OUT OH 1"
W03	VFS WASHER IN OH 5/16" OUT OH 10/16"
W04	VFS WASHER IN OH 5/16" OUT OH 1"
X01	
X02	
X03	
X04	
X05	
X06	

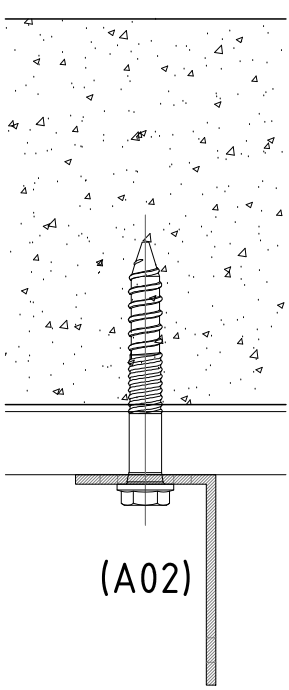
2 - ANCHORS & SCREWS

CONCRETE (001)



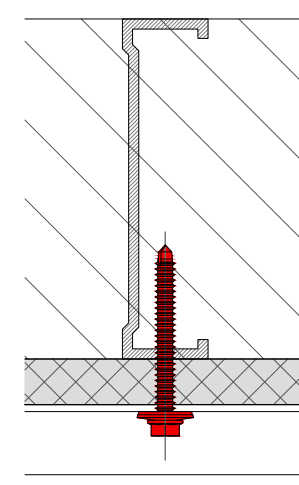
(A01)

CMU (002)



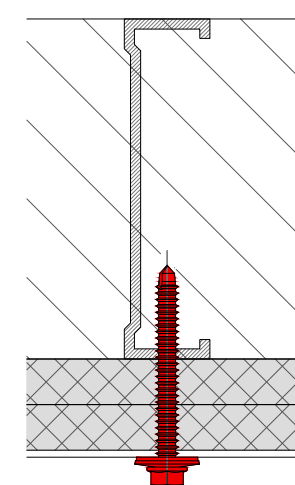
(A02)

STUD WALL (003)



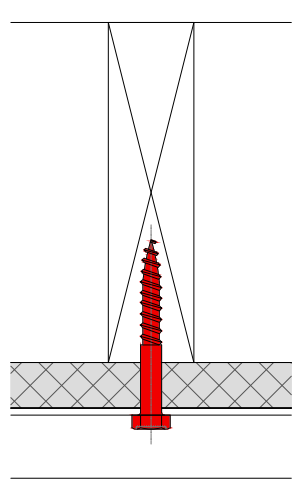
(A04)

STUD WALL (004)



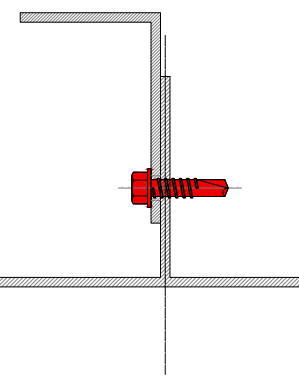
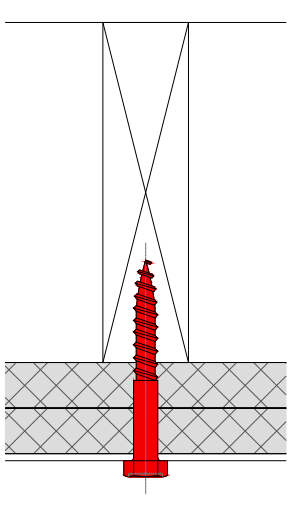
(A05)

STUD WALL (005)

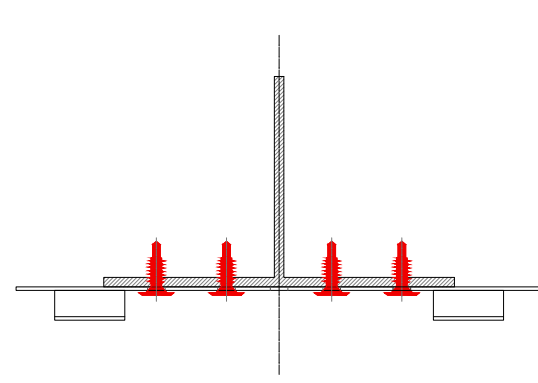


(A06)

STUD WALL (006)



(S02)



(S01)

3 - SUPPORT BRACKETS

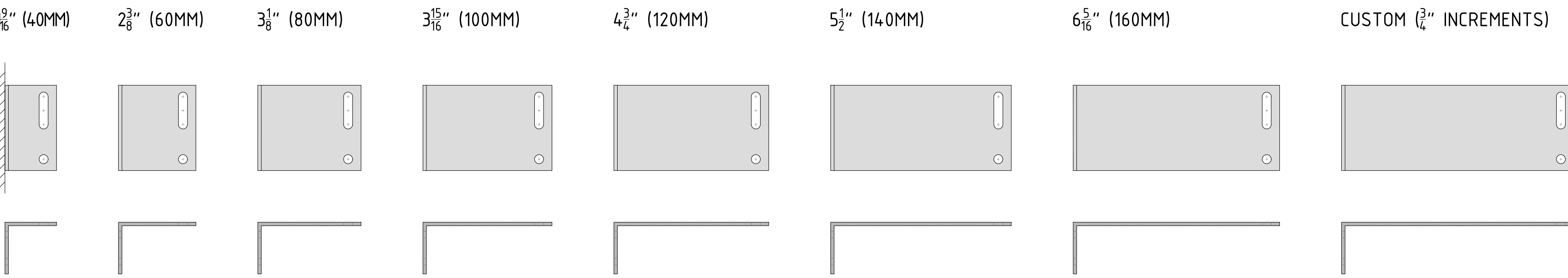
BRACKET THICKNESS

FROM 1 5/16" (40MM) TO 2 3/8" (100MM) = 1/8" (2.7MM)

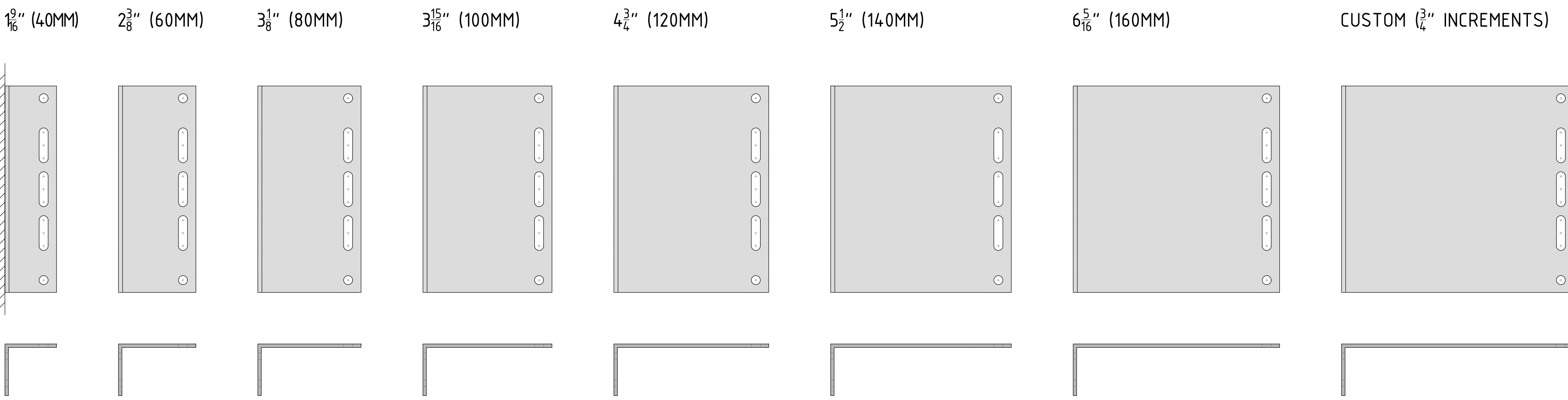
FROM 4 3/4" (120MM) TO 10 1/4" (260MM) = 3/8" (3.2MM)

FROM 11" (280MM) AND ABOVE = 3/16" (4MM)

SINGLE BRACKETS (B12 - B19)

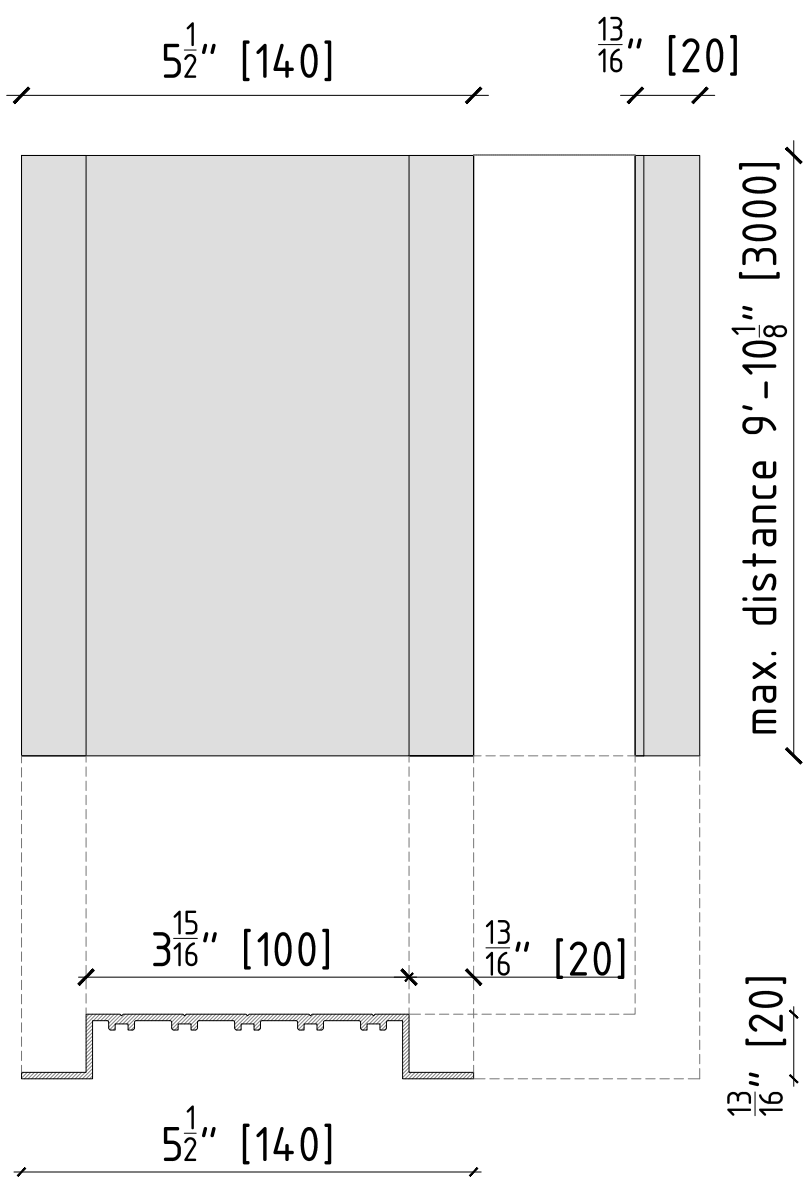


DOUBLE BRACKETS (B02 - B09)

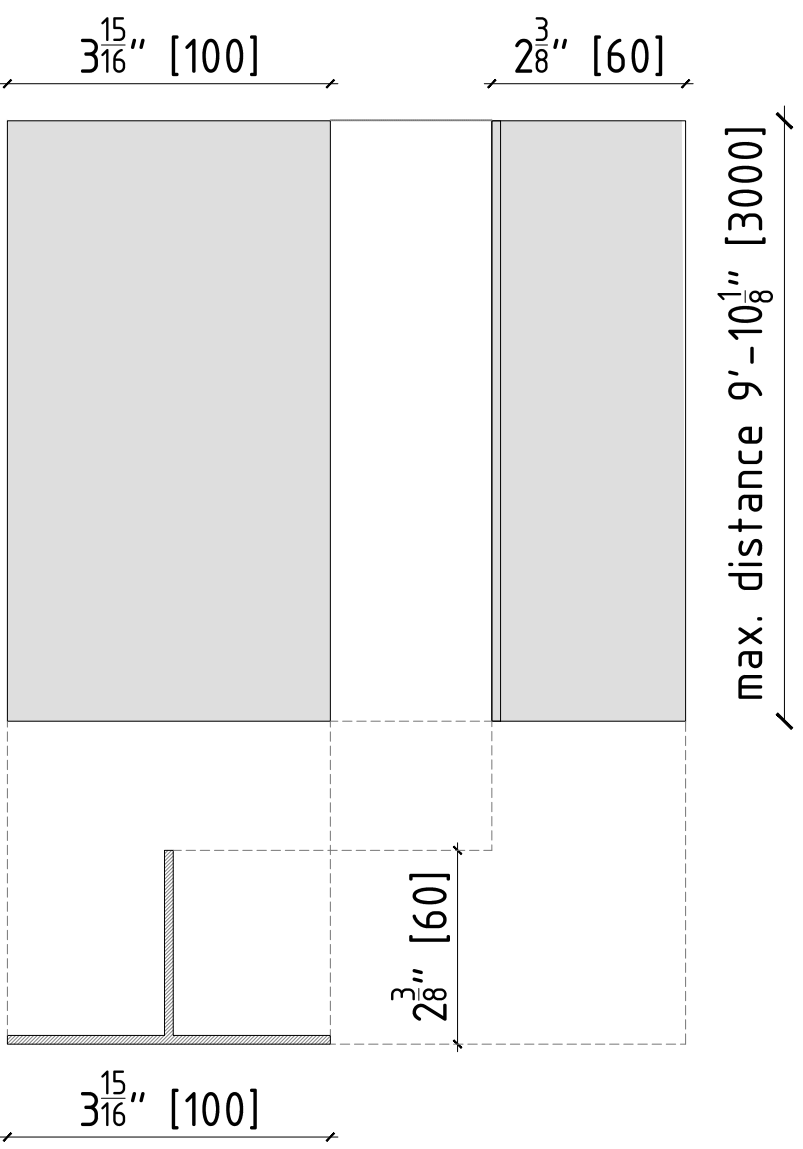


4 - STANDARD SYSTEM PROFILES

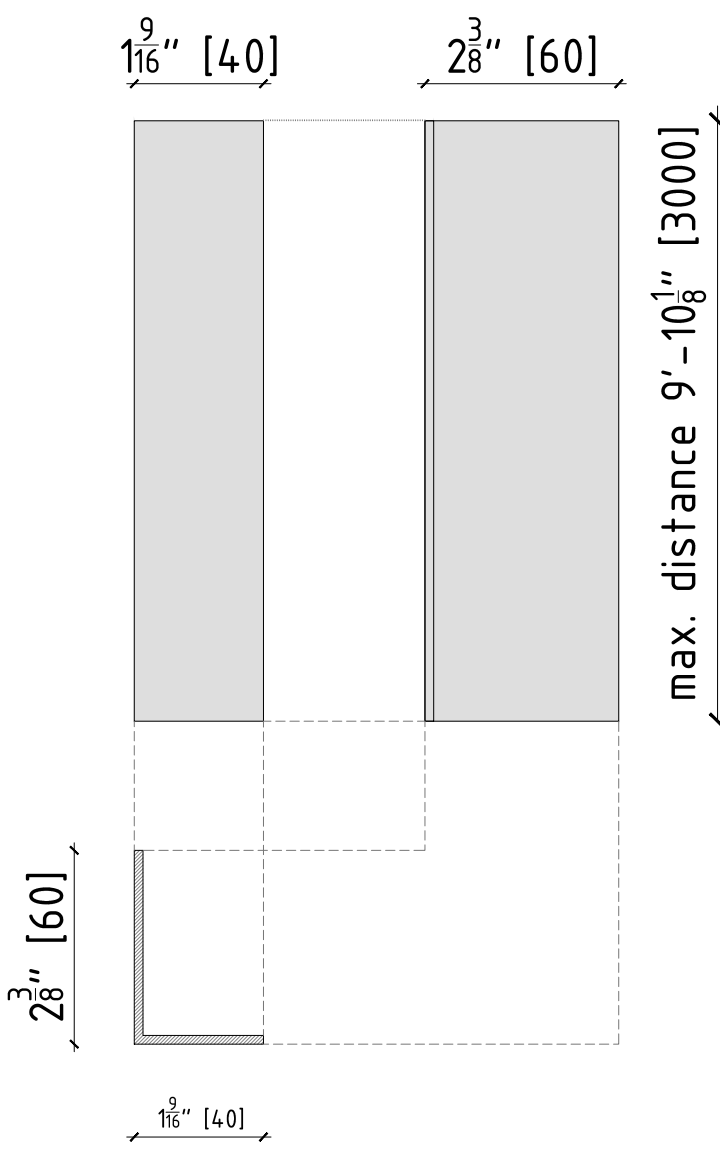
OMEGA PROFILE (P03)



T PROFILE (P01)

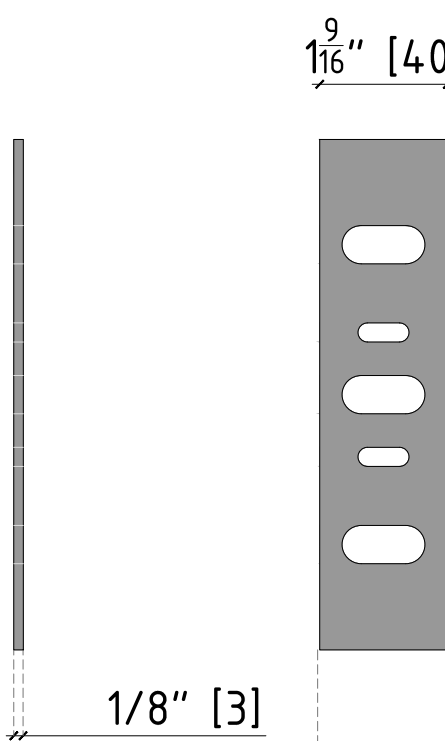


L PROFILE (P02)

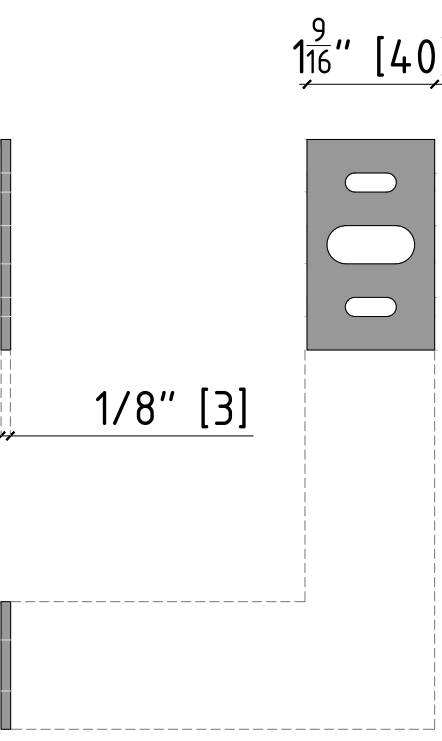


5 - THERMAL ISOLATOR

DOUBLE (B01)



SINGLE (B02)



6 - FIXING PLATES

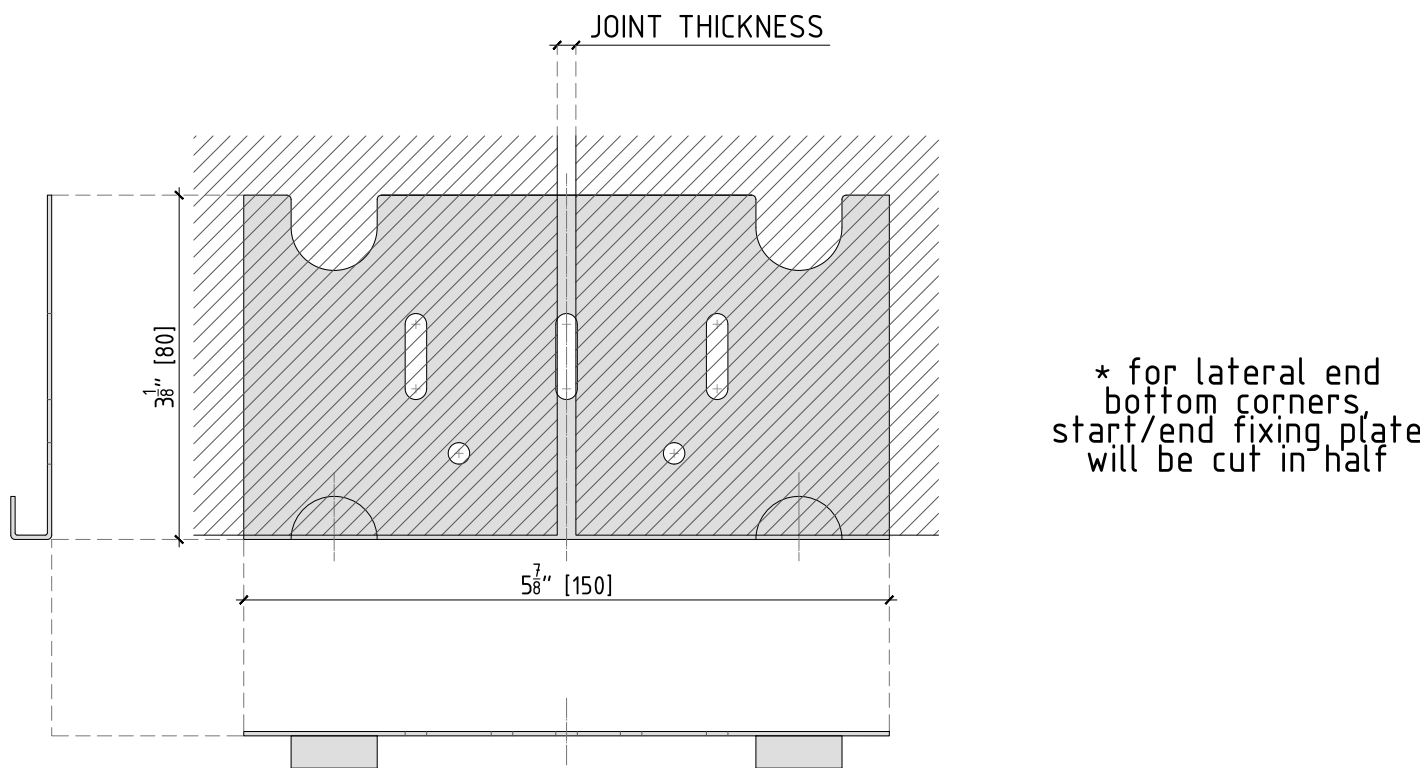
THERE ARE 2 SETS OF FIXING PLATES:

SET 1 TO BE USED FOR A 3/16" (5MM) WIDE HORIZONTAL JOINT.
SET 2 TO BE USED FOR A 5/16" (8MM) WIDE HORIZONTAL JOINT.

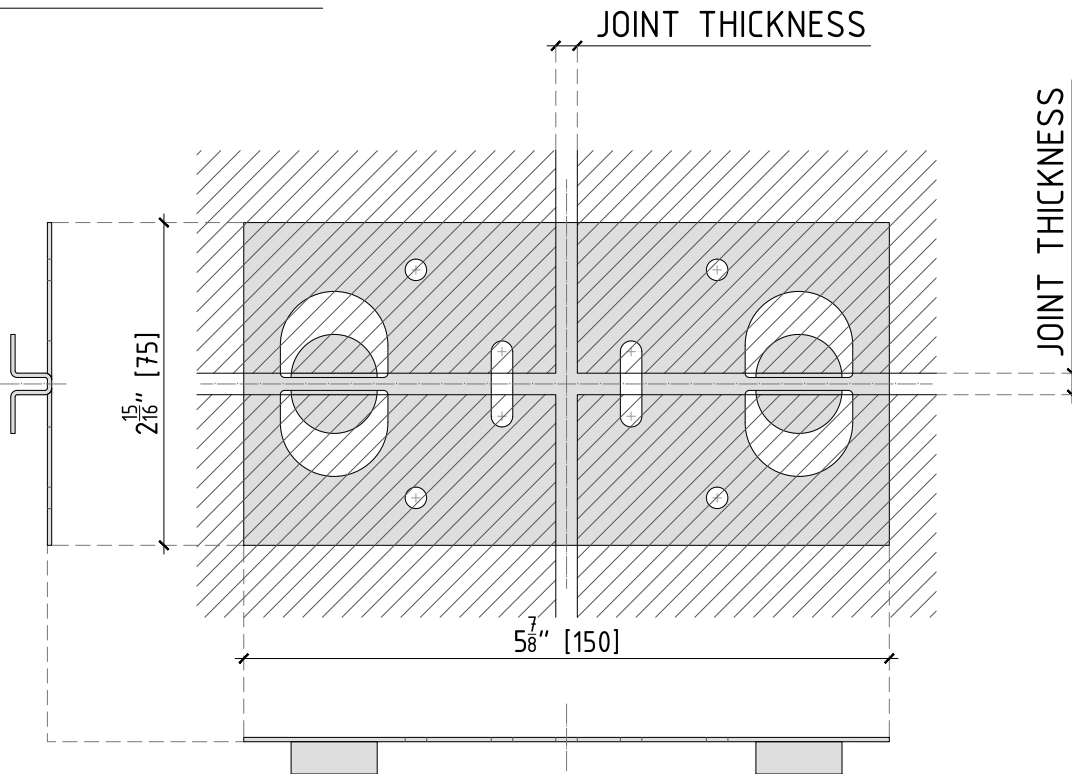
BOTH SETS ARE AVAILABLE FOR CONCEALED OR EXPOSED FIXING SYSTEMS.
WHAT DEFINES THE WIDTH OF THE HORIZONTAL JOINT IS THE SPACING BETWEEN CLIPS WITHIN THE FIXING PLATE.

SET 1 FOR CONCEALED FIXING SYSTEM IN SHOWN BELOW.

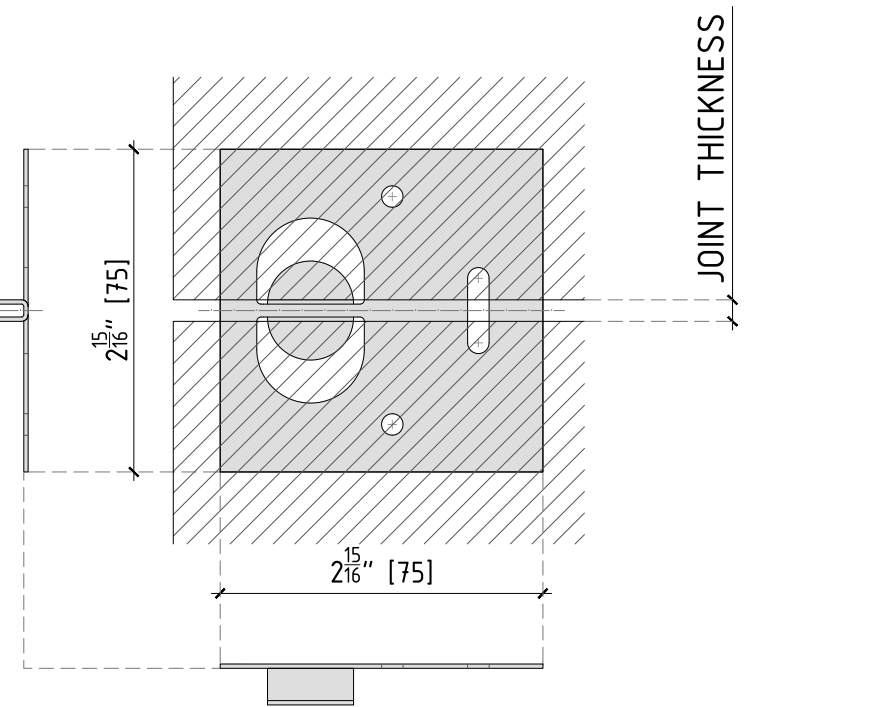
START/END FIXING PLATE (F11)



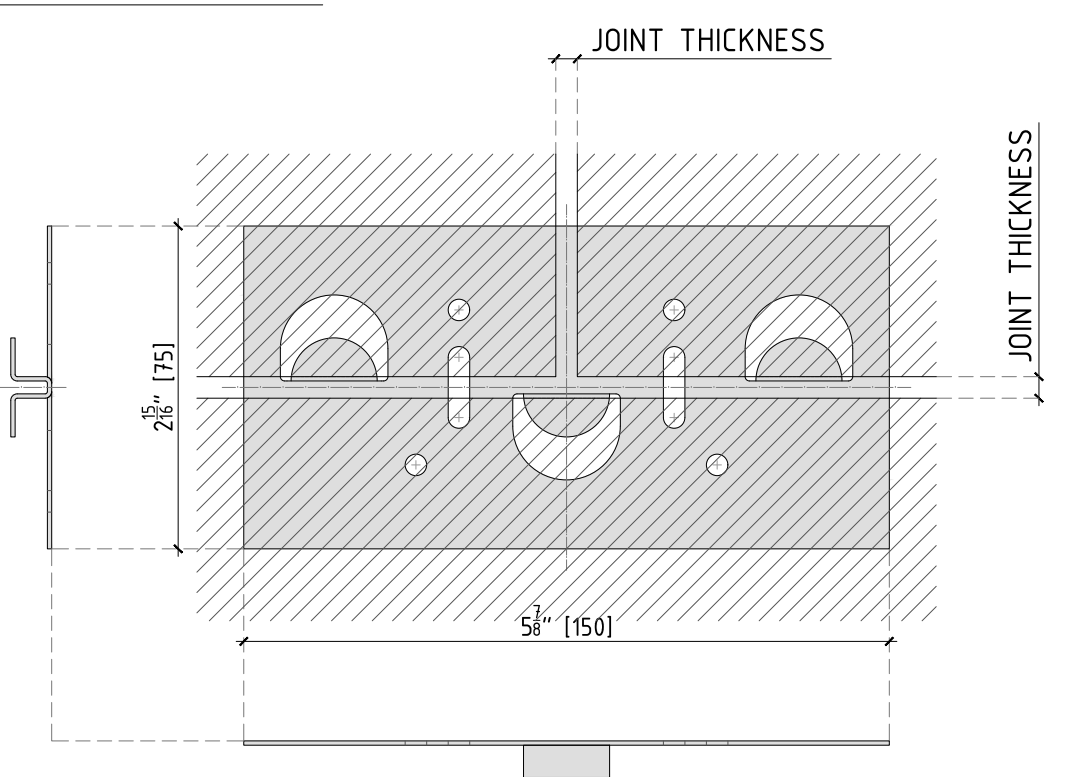
CENTRAL FIXING PLATE (F12)



LATERAL FIXING PLATE (F13)



STAGGERED FIXING PLATE (F14)



PROJECT NAME:

ARCHITECT:

PROJECT NO:

00.000

STATUS:

-

PORCELANOSA
FACADE/

IMPORTANT NOTES:

NOTE 1
THIS IS A REPRESENTATIVE DRAWING OF A PANEL LAYOUT FOR THE SIZE DESCRIBED HERE. ONLY IT MAY NOT BE USED AS A SHOP DRAWING AND IS MEANT TO SERVE AS A SAMPLE OF HOW THE PRODUCT MAY BE USED.

NOTE 2
THIS LAYOUT DOES NOT INCLUDE WASTE. A WASTE FACTOR OF 15% IS RECOMMENDED FOR ALL PORCELANOSA PANEL ORDERS TO ACCOUNT FOR TRUE WASTE. ADDITIONAL WASTE MAY BE ADDED AT THE INSTALLER'S DISCRETION.

NOTE 3
THIS SET OF SHOP DRAWINGS ARE EXCLUSIVELY FOR THE PORCELANOSA PORCELAIN PANEL EXTERIOR WALL SYSTEM. ANY OTHER DETAIL OR COMPONENT NOT PART OF THE PORCELANOSA PANEL EXTERIOR WALL SYSTEM IS THEREFORE SHOWN IN THIS SHOP DRAWING ONLY MERELY INDICATIVELY AND IN NO WAY IT PROVIDES OR REPRESENTS GUIDANCE/INSTRUCTION FOR HOW THIS RIGHT OR SHOULD BE BUILT. PLEASE REFER TO THE RELEVANT SHOP DRAWING PACKAGE FOR COMPONENTS AND DETAILS OUTSIDE THE SCOPE OF THIS PORCELANOSA PANEL EXTERIOR WALL SYSTEM SHOP DRAWING PACKAGE. WHERE THOSE COMPONENTS AND DETAILS ARE SHOWN, THEIR DESIGN, CONSTRUCTION, DETAIL, SUPPORT SYSTEM, SUPPLY AND INSTALLATION WILL BE RESPONSIBILITY OF OTHERS (BY OTHERS).

NOTE 4
CUSTOMER IS RESPONSIBLE FOR ENSURING PROPER CONDITIONS AND REQUIREMENTS FOR INSTALLATION ARE MET PRIOR TO INSTALLATION.

NOTE 5
THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE RELEVANT ENGINEER.

REVISIONS:

DATE	REV	DESCRIPTION

SHEET TITLE:

SUBSTRUCTURE
PARTS AND PIECES

SCALE:

NTS

DRAWN BY:

-

CHECKED BY:

IV

SHEET NO:

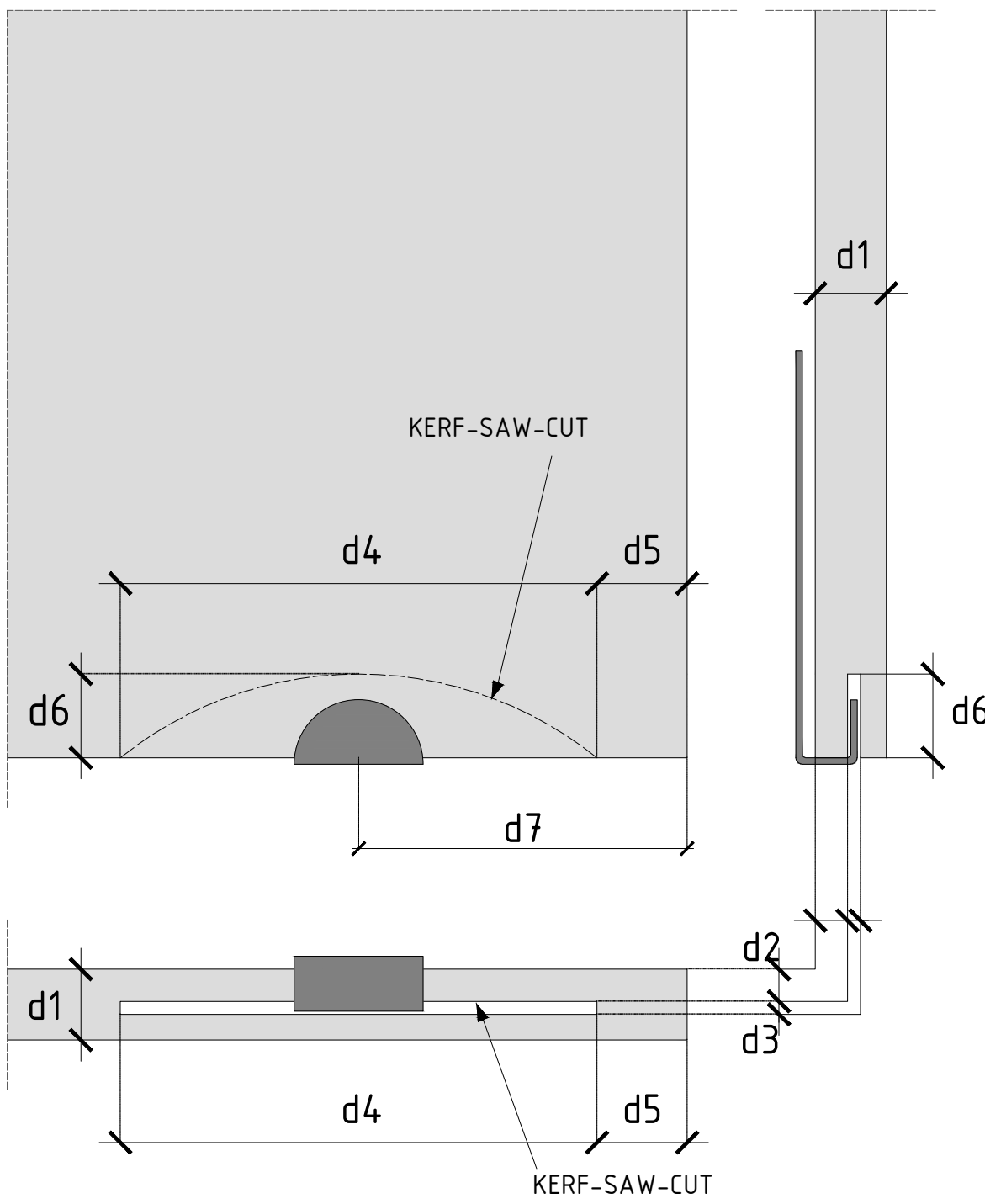
002

REVISION:

PORCELANOSA PROPRIETARY FIXING SYSTEM CONSIST OF MULTIPLE CLIPS LOCATED AROUND THE PERIMETER OF THE PANEL TO SUPPORT THE WEIGHT OF THE PORCELAIN.

WHEN THE CONCEALED FIXING METHOD IS SELECTED, THE PANELS ARE SUPPLIED TO THE JOBSITE WITH KERF-SAW-CUTS ON ITS EDGE.

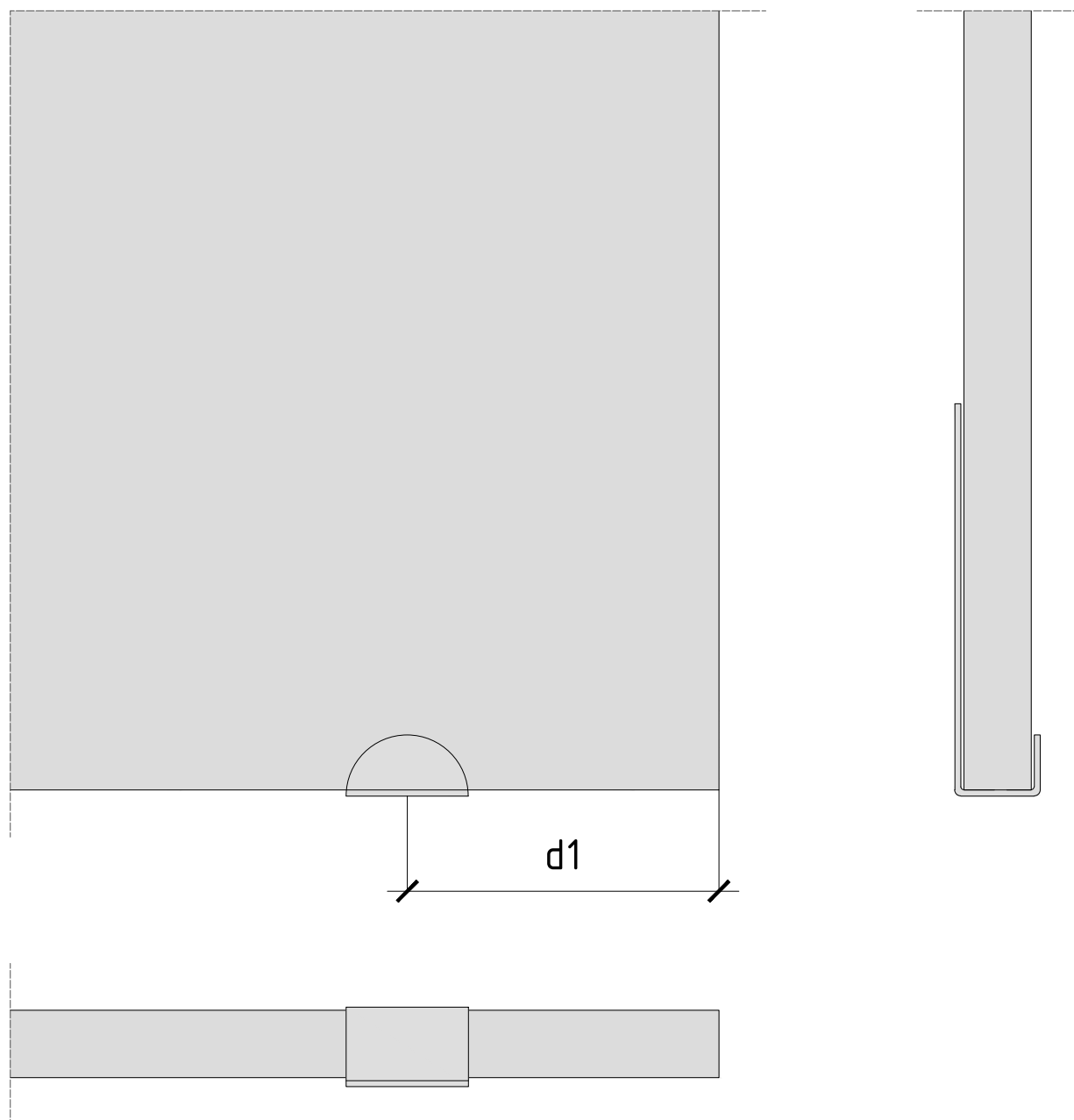
1 - CONCEALED FIXING SYSTEM



d1 = note*
d2 = 0,197" (5mm)
d3 = 0,079" (2mm)
d4 = 2,913" (74mm)
d5 = 0,551" (14mm)
d6 = 0,512" (13mm)
d7 = 2" (51mm)

note*
d1= typical thickness 7/16" (11mm)
although it varies slightly depending
on the size.

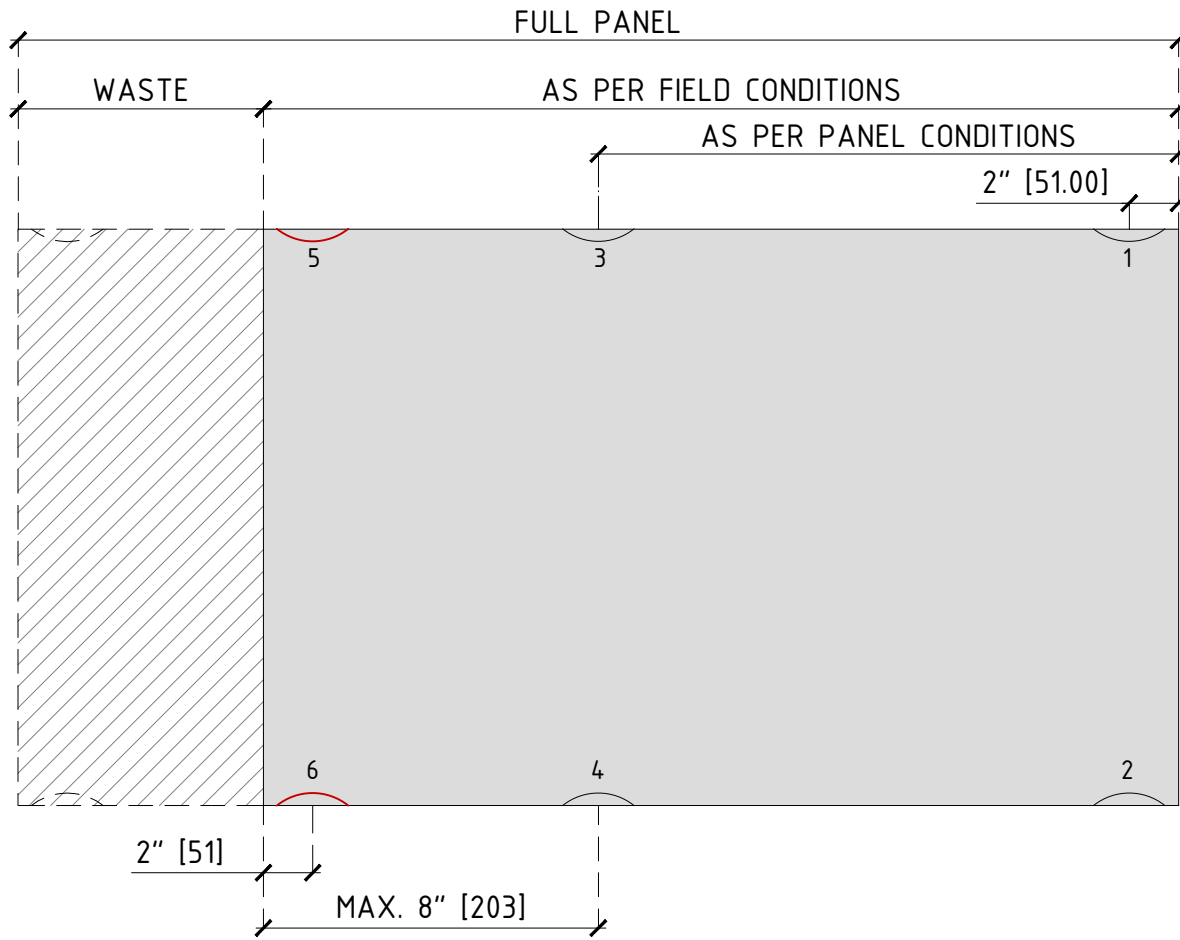
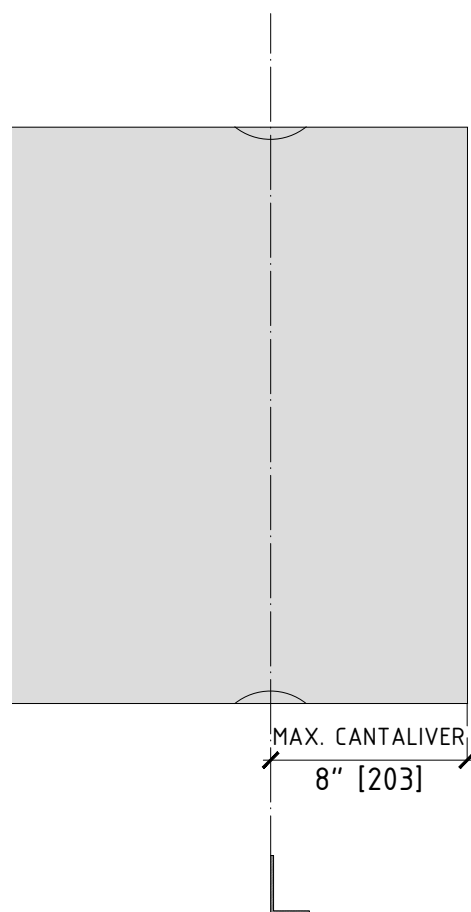
2 - EXPOSED FIXING SYSTEM



d1 = TYP. 2" (51mm)
MAX. 8" (203mm)

3 - GUIDELINE FOR DOING KERF-SAW-CUTS AT JOBSITE

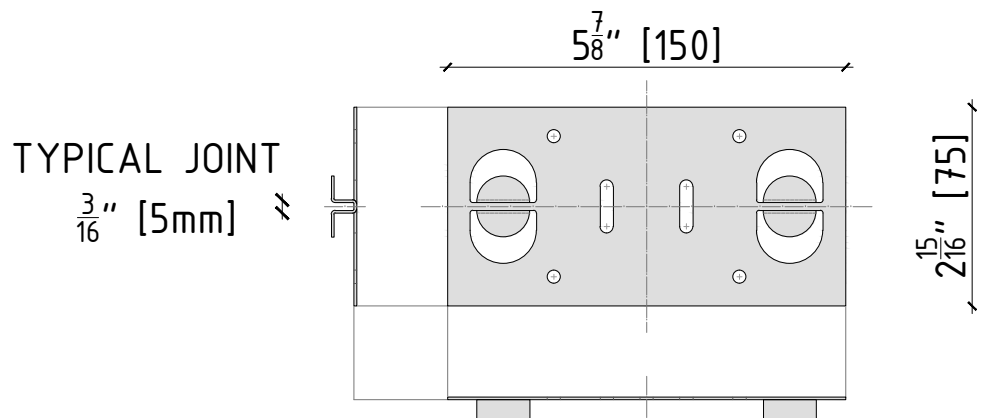
SOME PANELS MIGHT NEED TO BE CUT IN THE FIELD TO ADJUST TO SPECIFIC SITE MEASUREMENTS. WHEN DOING SO, KERF-SAW-CUTS MUST BE MADE AT THE NEW EDGE. THE POSITION AND GEOMETRY OF THE NEW KERF-SAW-CUT MUST BE IDENTICAL TO THE ORIGINAL ONE. IN ORDER TO DO SO, PLEASE REFER TO TABLE 2. PORCELANOSA PROPRIETARY KEF-SAW-CUTTING MACHINE MUST BE USED IN ORDER TO KEEP WARRANTY.



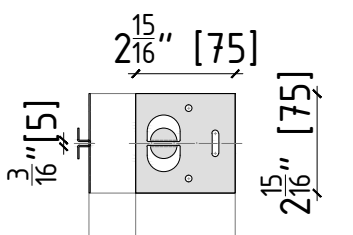
Kerfs 1 to 4:
- Kerfs from factory
Kerfs 5&6:
- New kerfs made at jobsite
- Kerfs 5 & 6 may not be necessary if distance from kerfs 3 & 4 is less then the maximum allowed cantilever of the panel which is 8"

4 - TYPES OF FIXING PLATES

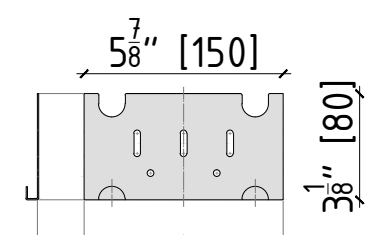
HORIZONTAL JOINT WIDTH OF 3/16" (5mm)
CONCEALED & EXPOSED SYSTEMS



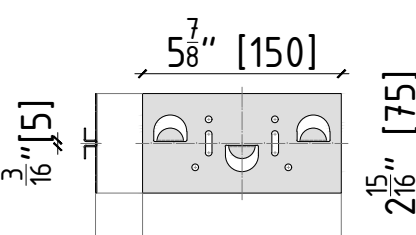
CENTRAL FIXING PLATE



LATERAL FIXING PLATE



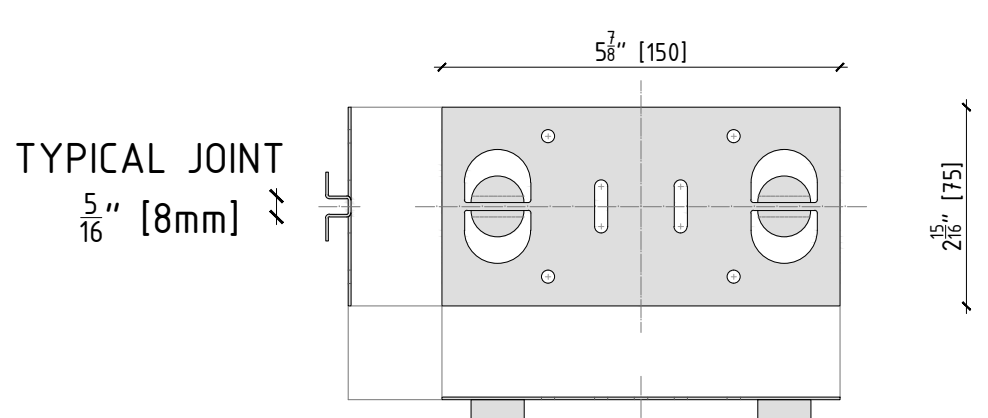
START/END FIXING PLATE



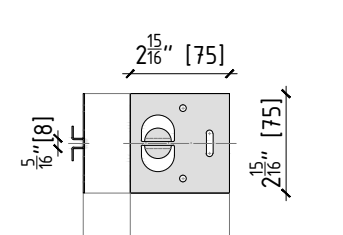
STAGGERED FIXING PLATE

* the start/end fixing plate will need to be cut in a half

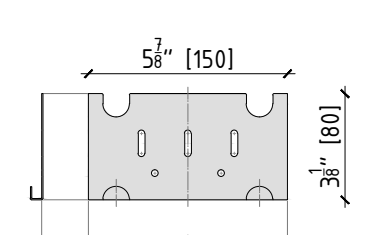
HORIZONTAL JOINT WIDTH OF 5/16" (8mm)
CONCEALED & EXPOSED SYSTEMS



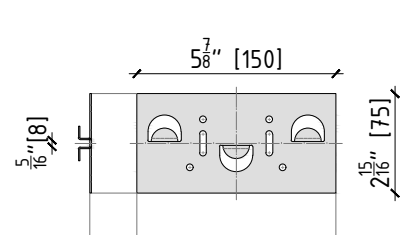
CENTRAL FIXING PLATE



LATERAL FIXING PLATE



START/END FIXING PLATE



STAGGERED FIXING PLATE

* the start/end fixing plate will need to be cut in a half

5 - KERF-SAW-CUTTING MACHINE FOR USE AT THE JOBSITE

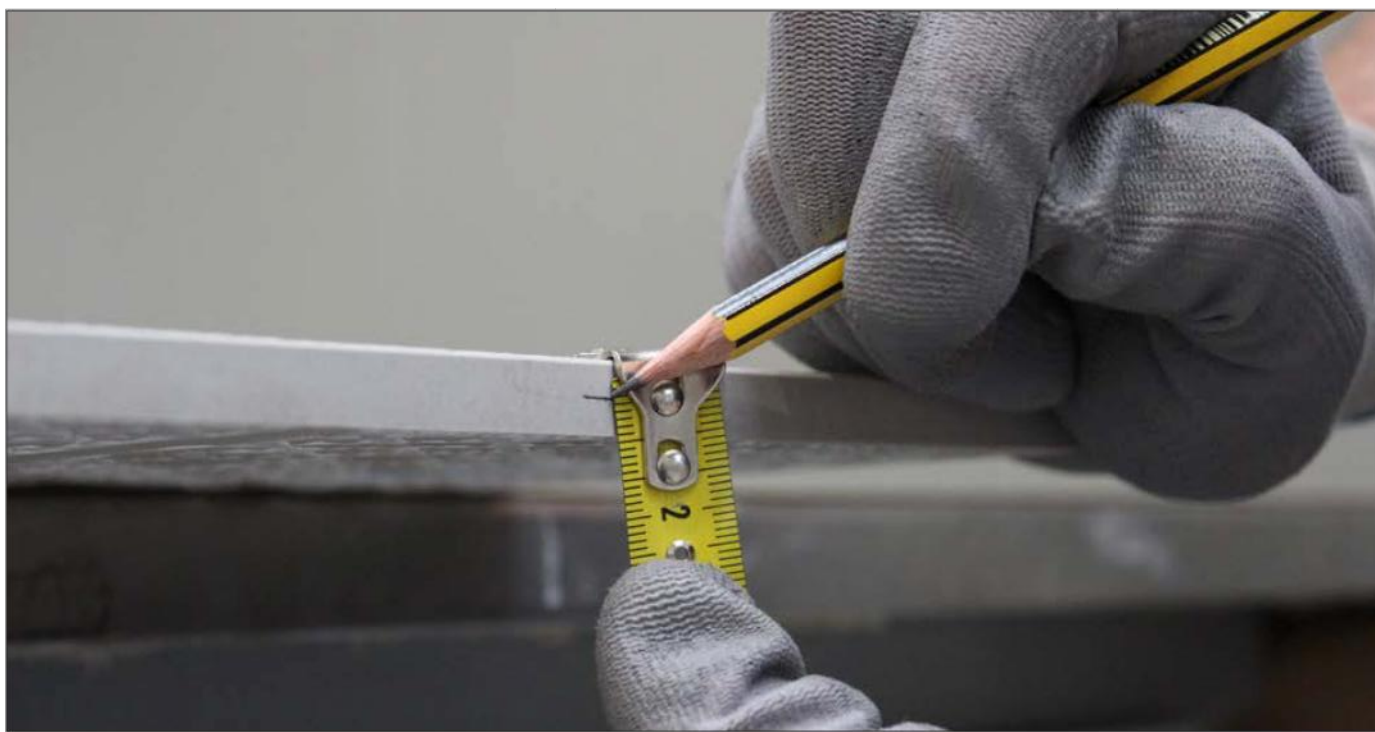
FAÇADE PANELS OUTSIDE THE SIZES SUPPLIED FROM THE FACTORY AS NOTED IN SHOP DRAWINGS, WILL BE REQUIRED TO BE CUT IN THE FIELD BY THE INSTALLER AS NECESSARY.

WHEN THE CONCEALED FASTENER SYSTEM IS SELECTED, ALL PANELS SUPPLIED FROM THE FACTORY (EITHER IN FULL-SIZE OR PRE-CUT-TO-SIZE) WILL BE DELIVERED WITH KERF SAW CUTS. PANELS TO BE CUT-IN-THE FIELD WILL REQUIRE ADDITIONAL KERF SAW CUTS TO BE RE-MADE IN THE FIELD BY THE INSTALLER. KERF SAW CUTS MUST BE DONE WITH PORCELANOSA'S PROPRIETARY KERF SAW CUTTING MACHINE.

PORCELANOSA'S PROPRIETARY KERF-SAW-CUTTING MACHINE: TECHNICAL FEATURES.

- MAXIMUM LOAD SPEED 11,000 RPM
- 4" DIAMETER SPECIAL PORCELAIN WET CUT BLADE
- EASY ADJUSTMENT TO VARIOUS DEPTHS (3/4" MAX)
- ADJUSTABLE TO 6 POSITIONS
- ADJUSTABLE ANGLE OF BLADE
- SUPPLIED WITH AUTOMATIC WATER COOLING SYSTEM

PROCEDURE FOR DOING THE KERF SAW CUT AT THE JOBSITE



1. Make mark with position of kerf.



2. Check User Manual and Instructions.



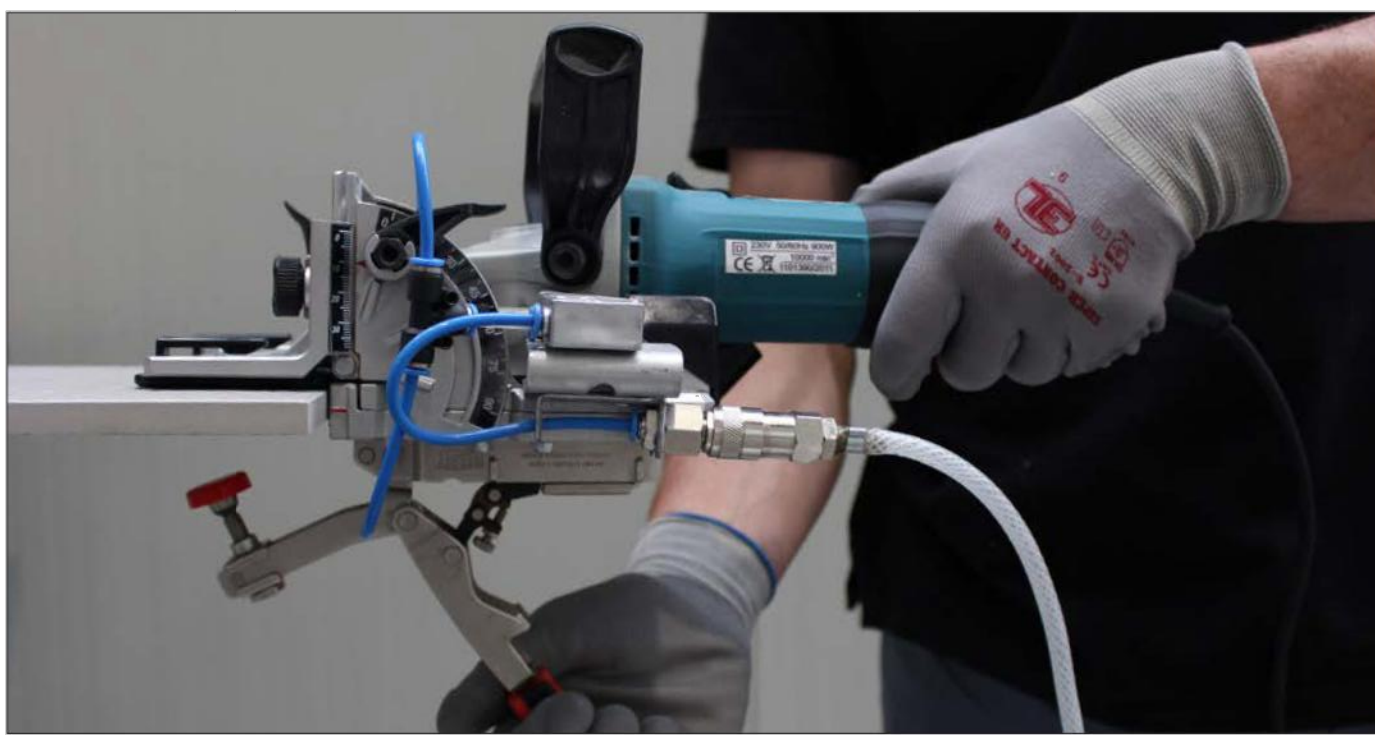
3. Check Blade is in Good Condition.



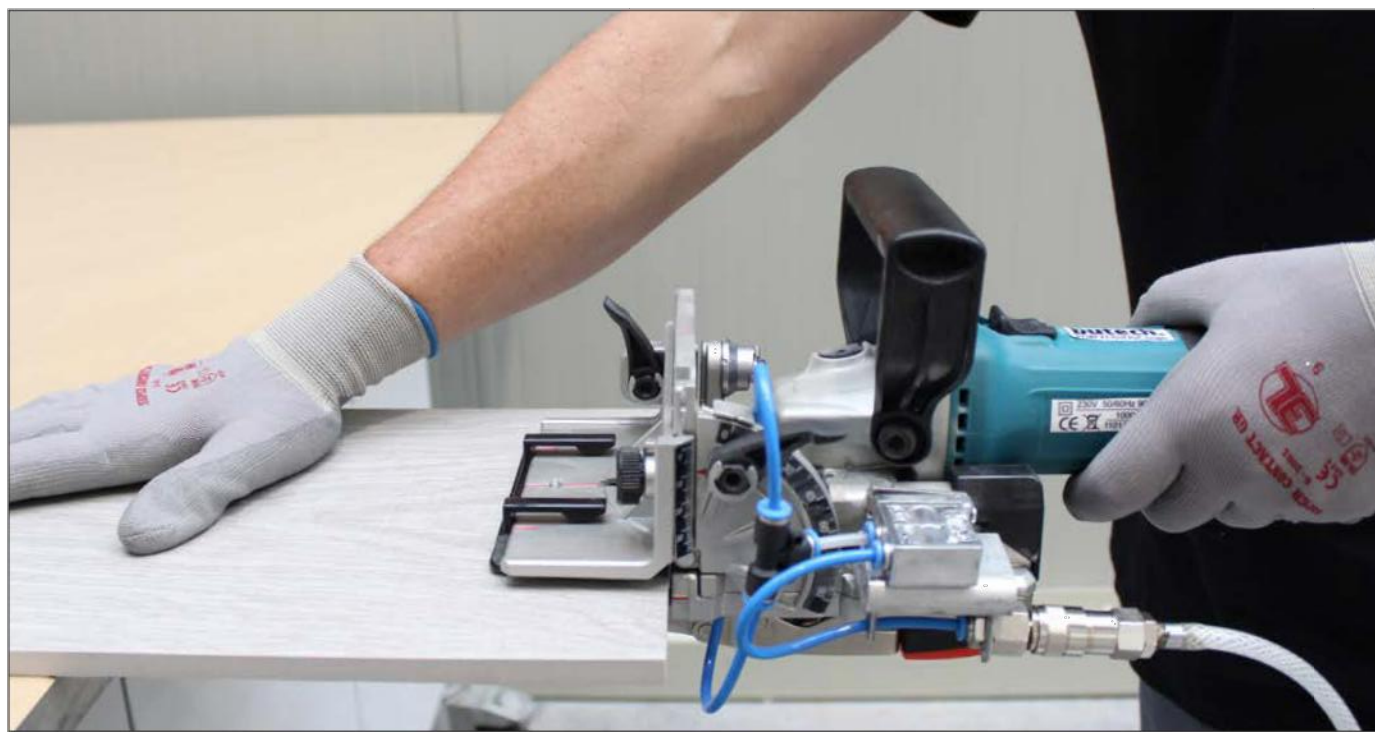
4. Adjust tool based on final position of kerf and thickness of panel.



5. Turn tool on and check water cooling system works correctly.



6. Position panel.



7. Check position and dimensions of kerf match guidelines show in this document.



8. Check the panel mechanical resistance is not compromised and that the clips fit in the kerf.

IMPORTANT NOTES:

PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. CONCEPTUAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

REVISIONS:

DATE	REV.	DESCRIPTION

SHEET TITLE:

THE FIXING CLIP

SCALE:

NTS

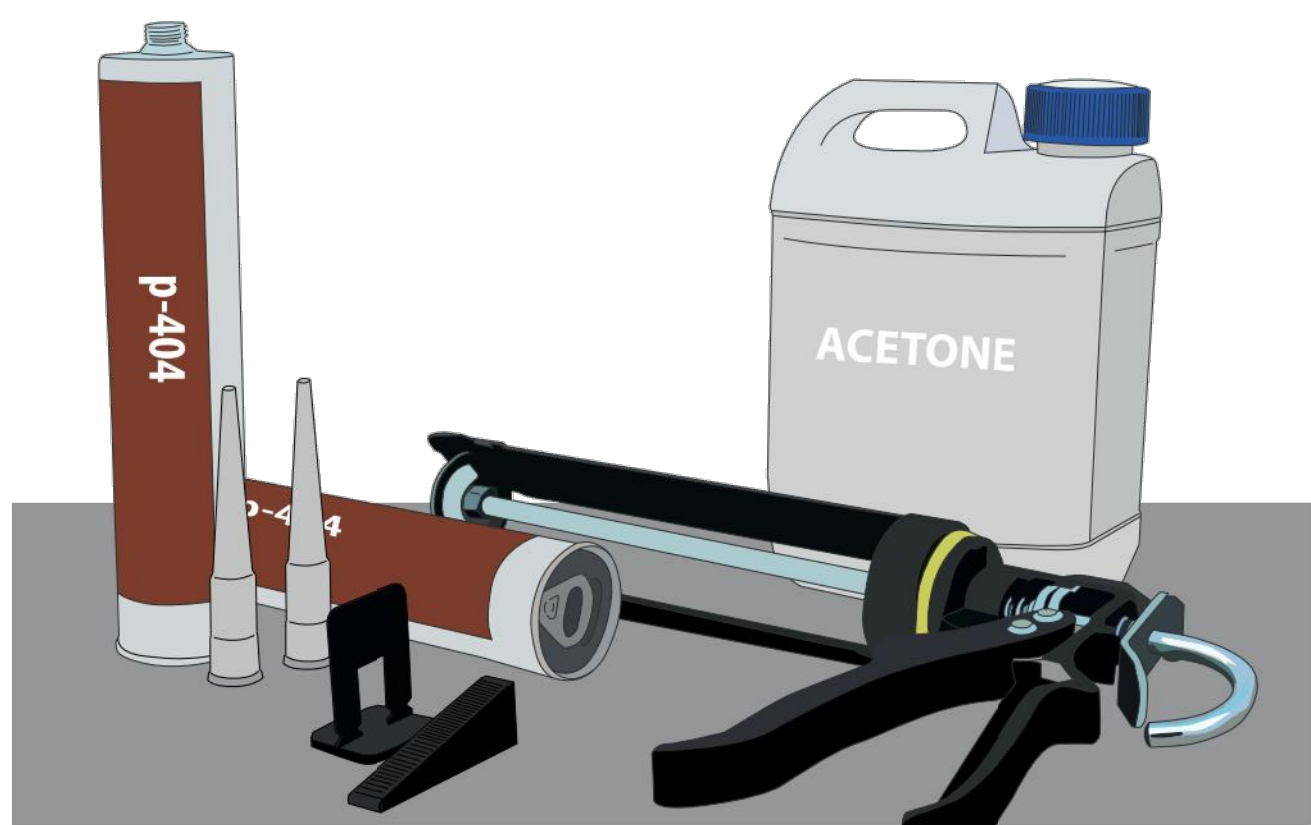
SHEET NO:

003

REVISION:

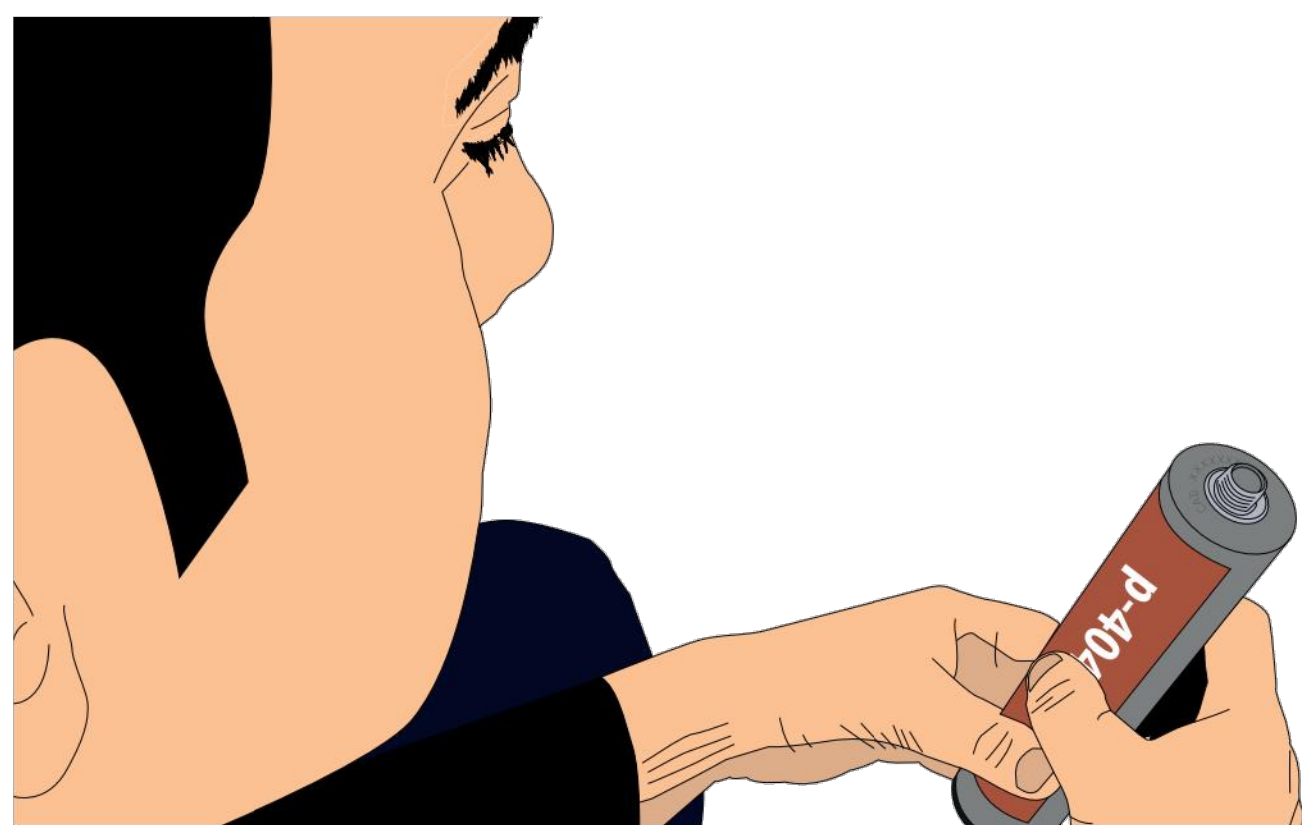
A

Application of p-404



Step 1. Materials Required:

- p-404 adhesive.
- Alcohol or Acetone.
- Caulking gun, tip and wedges.



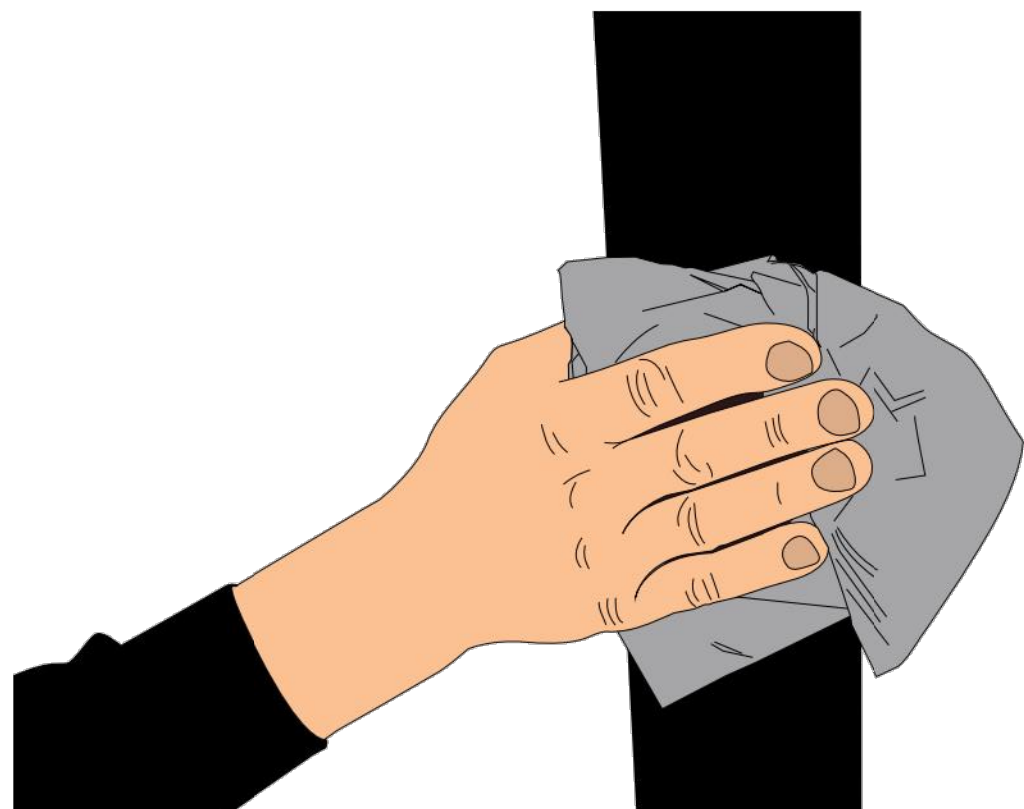
Step 2. Check Condition

- Check expiration date.
- Check the container is in good condition.



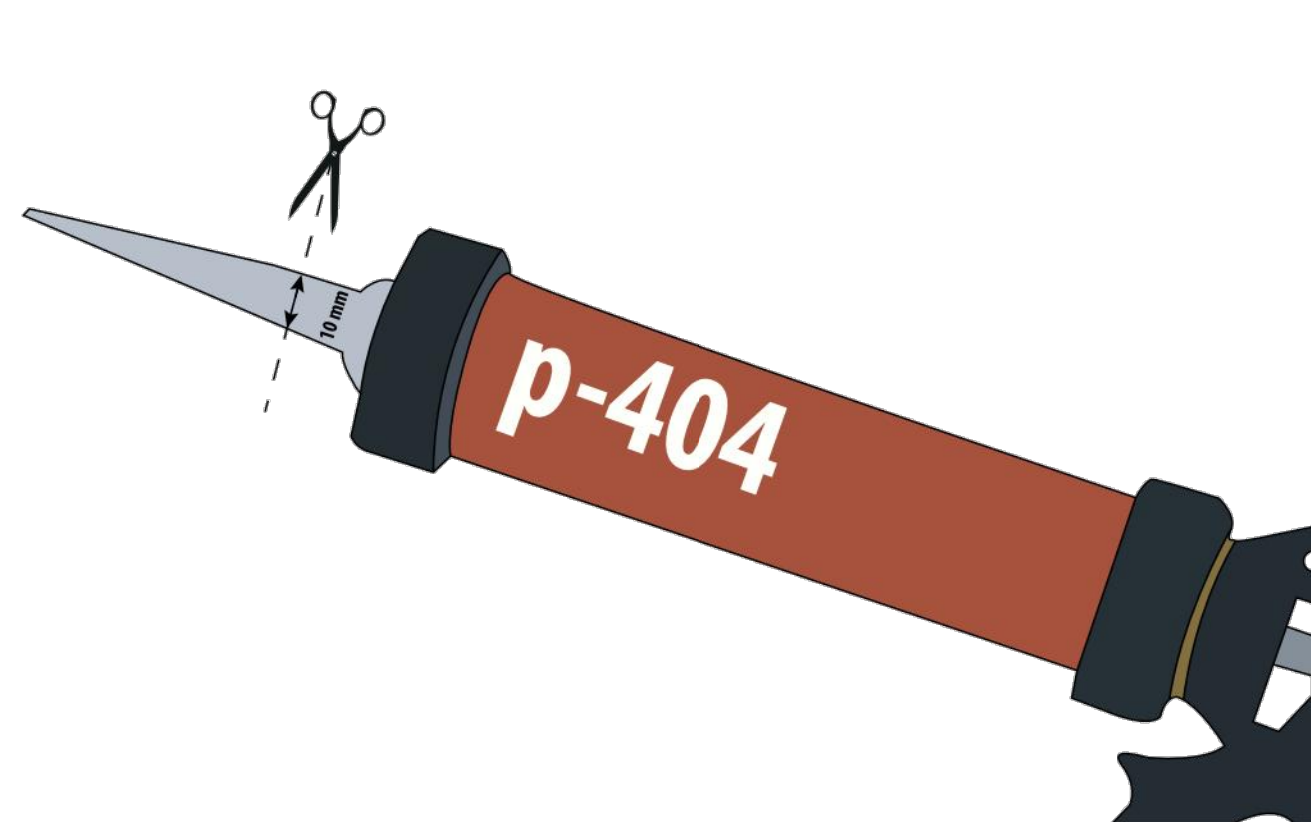
Step 3. Precautions in Extreme Weather

- Application of p-404 adhesive requires no special precautions between 40 - 95 °F (5 - 35 °C).
- Below/above this temperature, the use of thermal protective bags is mandatory until the moment before its application.
- In order to keep the adhesive in good working conditions, it is highly recommended to maintain it warm inside the thermal bags between uses.



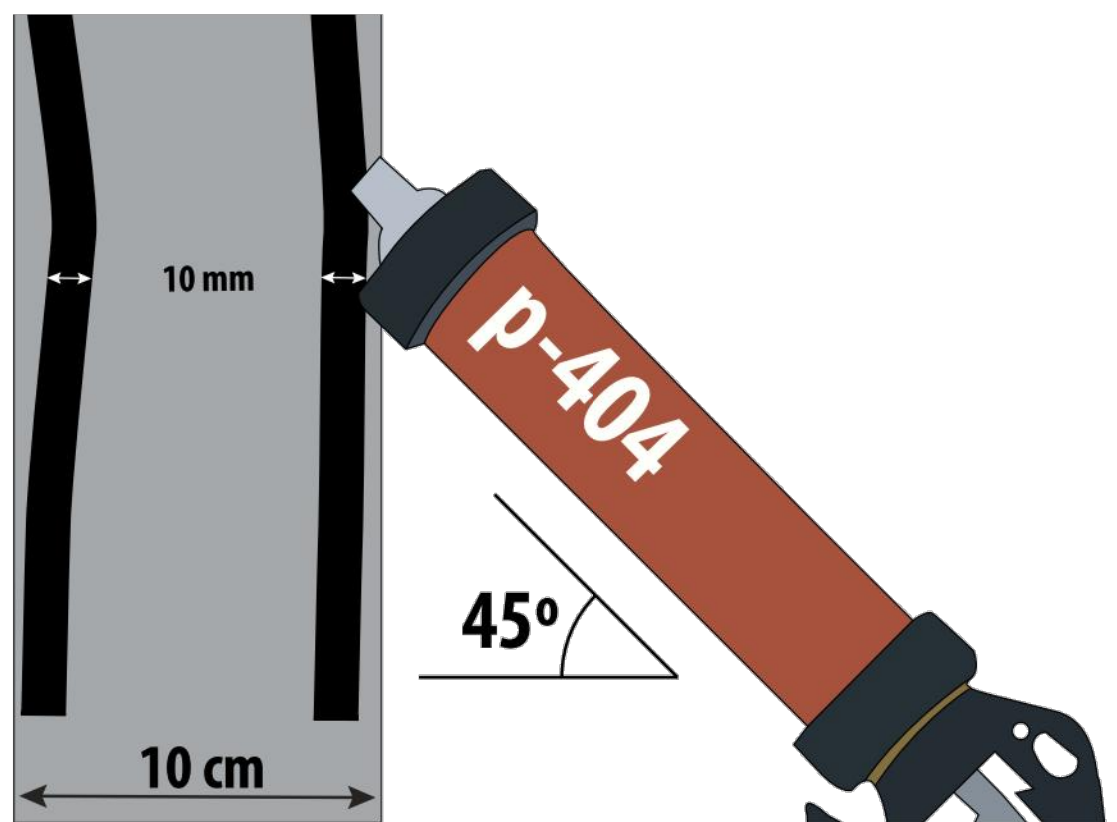
Step 4. Clean Substrate

- The substrate must be completely clean and dry.
- It is recommended to clean the substrate with alcohol/acetone and dry afterwards.



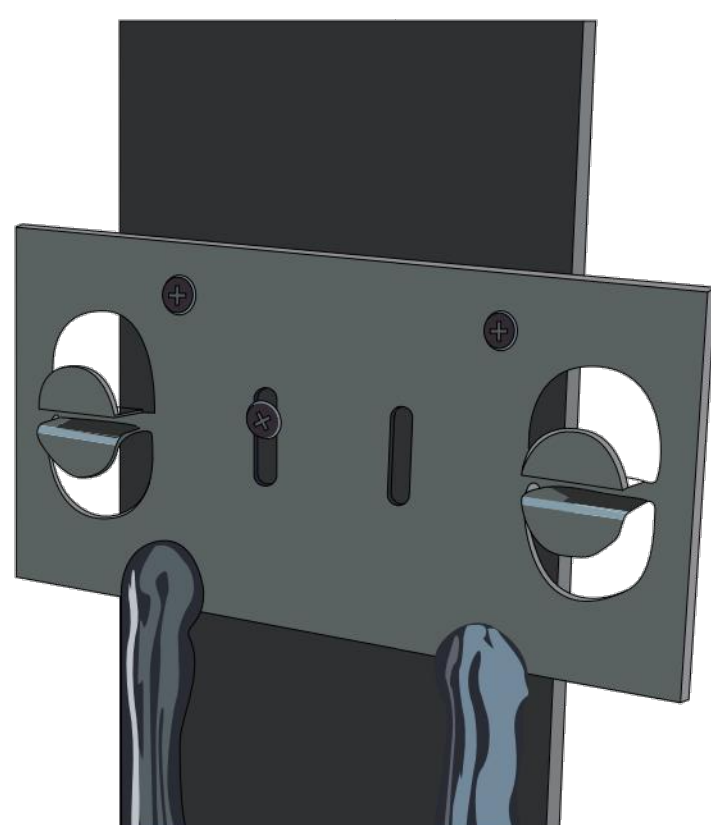
Step 5. Instruction to Cut Tip

- The tip must be cut at an straight angle for a hole precisely of 0.4in diameter (10 mm).



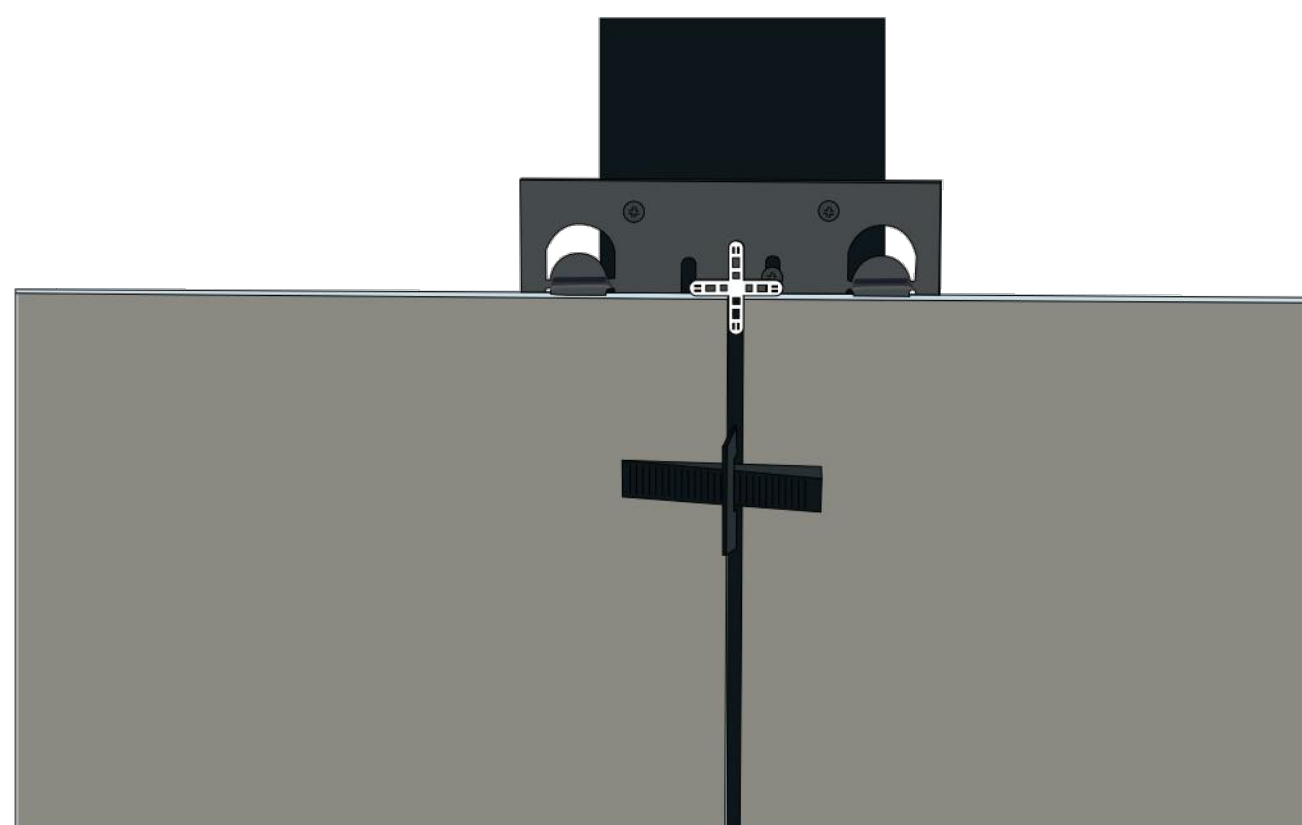
Step 6. Instructions to Apply the Adhesive

- A continuous bead of adhesive must be applied with the caulking gun at an angle as shown above.
- The minimum bead of adhesive is 0.4in in diameter (10 mm) which equates to 4.92 feet of profile/cartridge.



Step 7. Extent of Application

- The adhesive must be applied all along the length of the panel and must overlap with the fixing plate as shown above.



Step 8. Ensure Quality of Installation

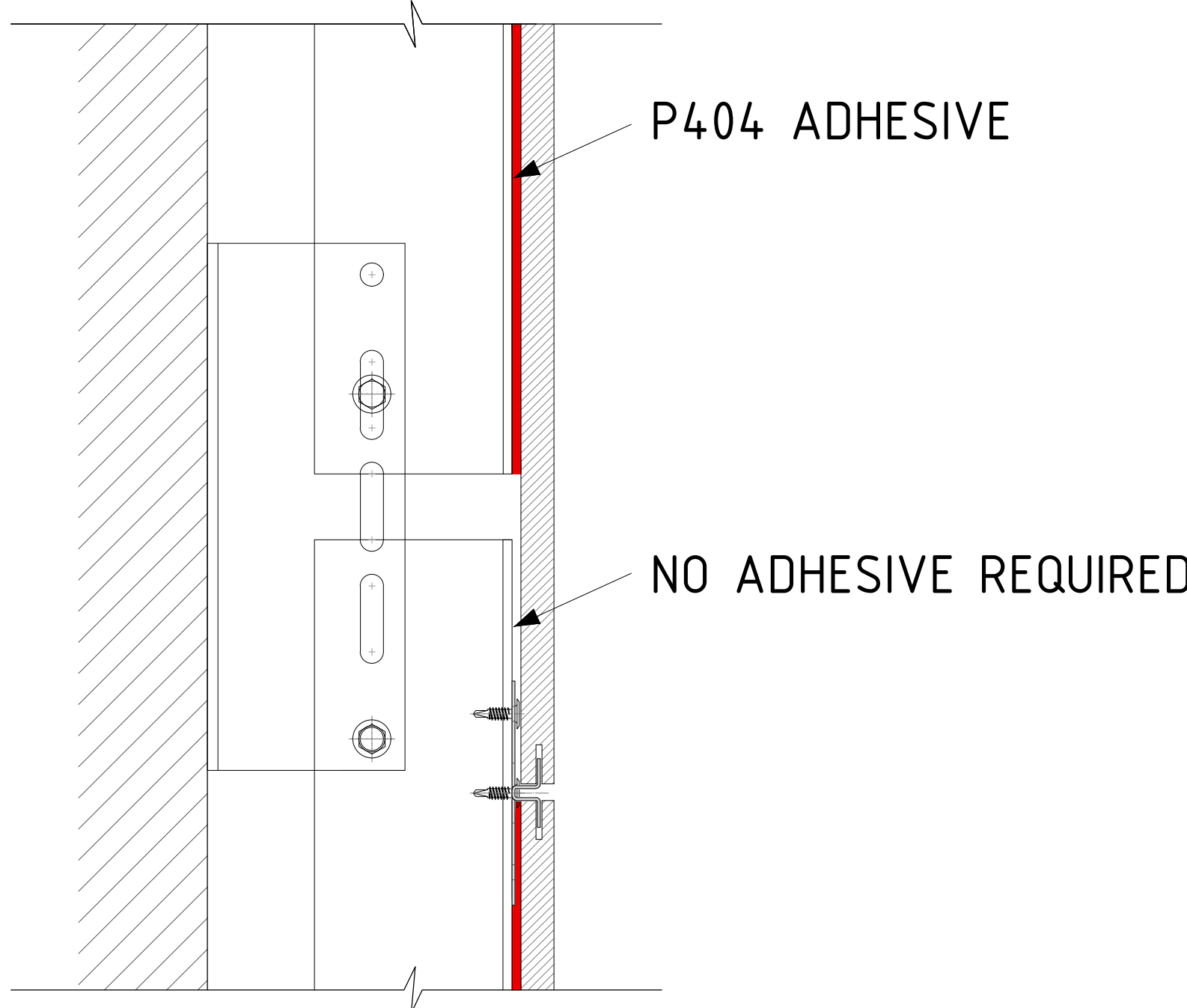
- For the highest quality of installation, the use of wedges is obligatory.
- The minimum time for the wedges to stay is 24h. With this said, the longer the wedges stay in place, the better.

1 - USE OF P404 ADHESIVE FOR SUPPORT OF VERTICAL PROFILES BY METHOD 2

THE GUIDELINE BELOW IS APPLICABLE FOR WHEN PROFILES ARE FIXED TOGETHER CONTINUOUSLY (METHOD 2). WITH THIS METHOD, PANELS ARE LIKELY TO SPAN FROM ONE PROFILE TO ANOTHER. IN THIS CASE, THE USE OF P404 ADHESIVE MUST BE DONE IN A PARTICULAR WAY AS PER INSTRUCTION/SCENARIOS BELOW. THE RULE OF THUMB IS THAT P404 ADHESIVE WILL ONLY BE USED AT THE PROFILE WITH GREATER OVERLAP WITH THE PANEL.

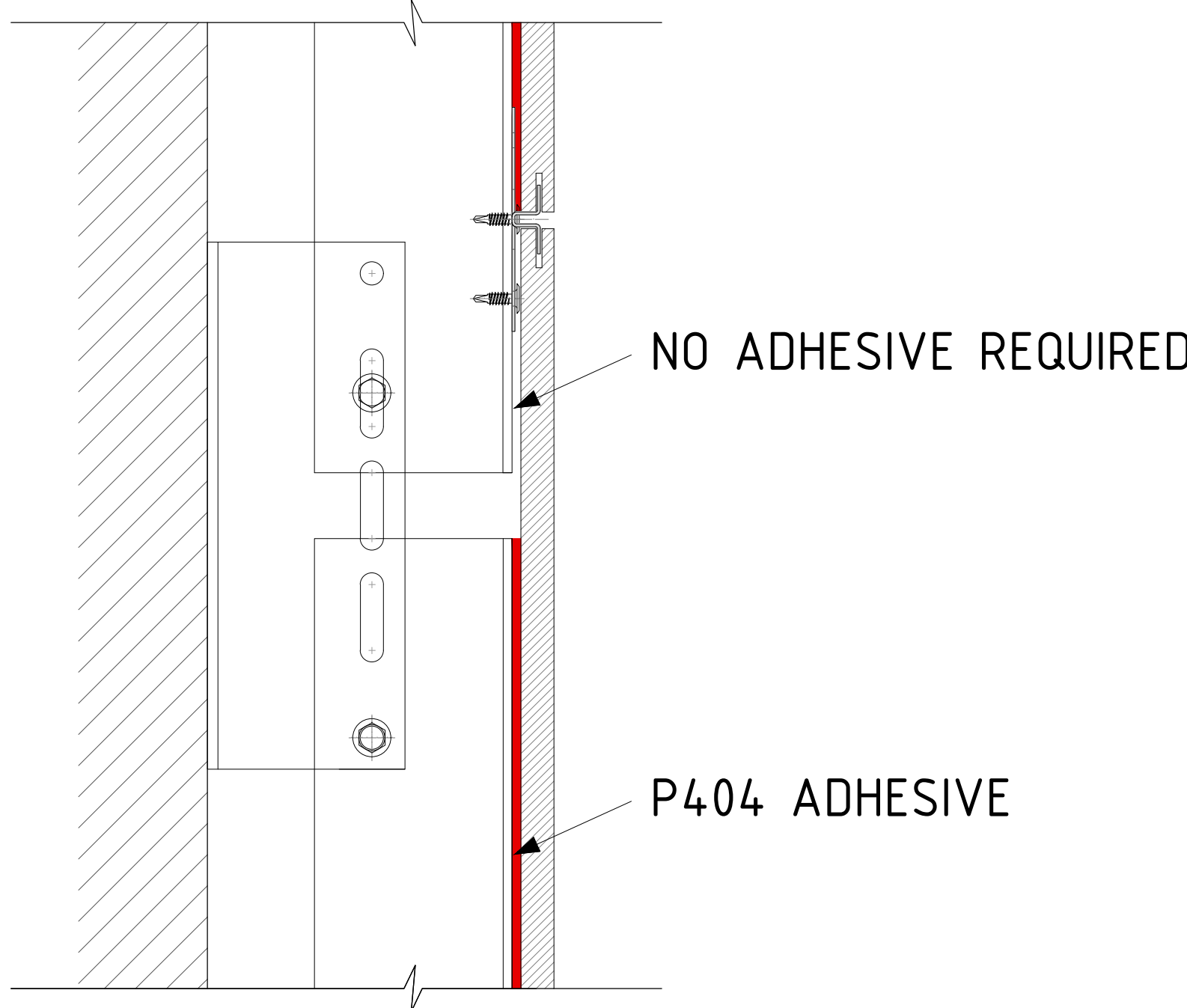
SCENARIO 1:

GREATER OVERLAP WITH PROFILE ABOVE.



SCENARIO 2:

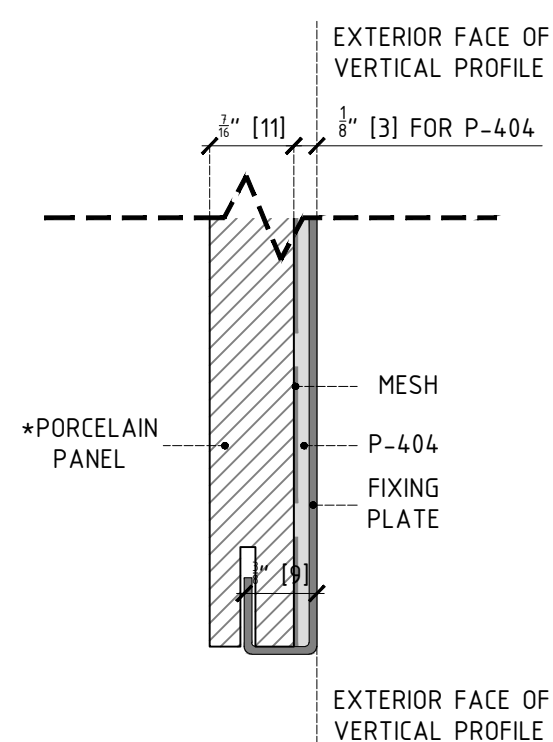
GREATER OVERLAP WITH PROFILE BELOW.



2 - THE USE OF P404 ADHESIVE WITH VARIOUS CLIP SYSTEMS

CONCEALED CLIP

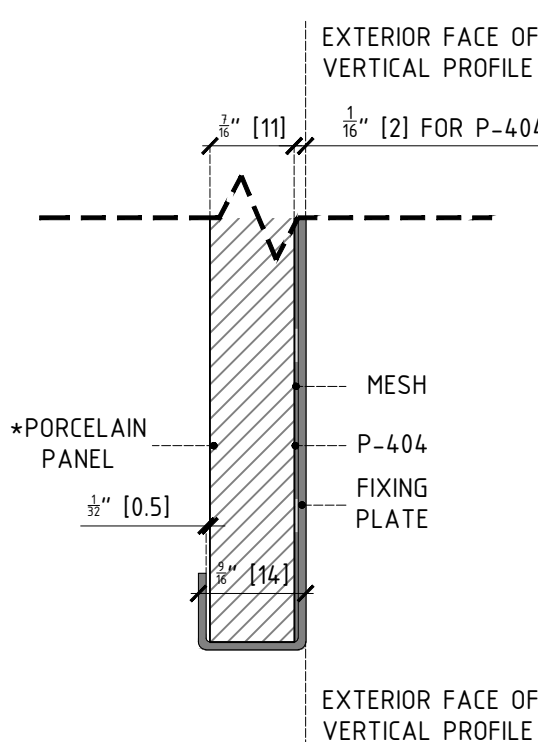
STANDARD FIXING PLATE



• PANEL THICKNESS:
MINIMUM: 1/2\"/>

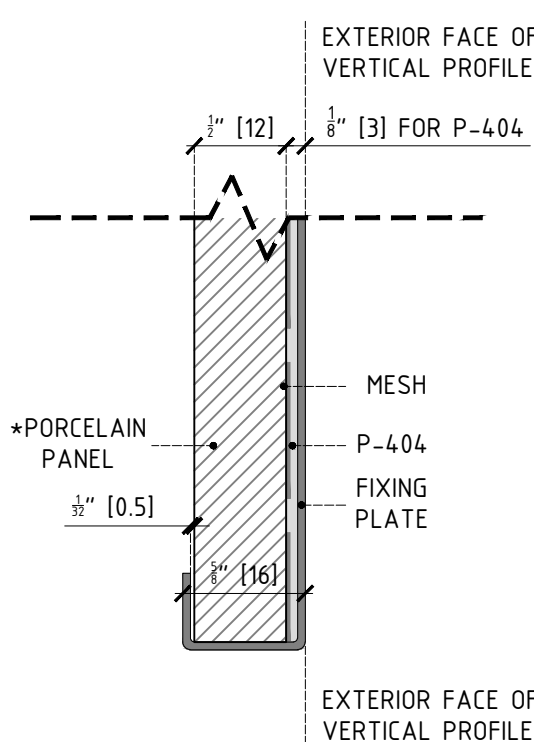
EXPOSED CLIP

STANDARD FIXING PLATE



• PANEL THICKNESS:
MINIMUM: 1/2\"/>

O4 FIXING PLATE



• PANEL THICKNESS:
MINIMUM: 1/2\"/>

REVISIONS:		
DATE	REV.	DESCRIPTION

SHEET TITLE:
THE P404 CONSTRUCTION
ADHESIVE

SCALE:
NTS

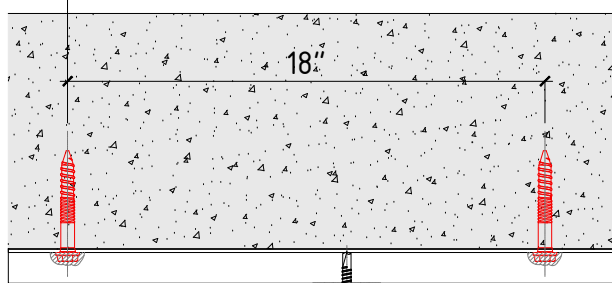
1 - REINFORCED CONCRETE WALL

Spec: 2500 PSI

1.1 - CORNER ZONE

DEAD LOAD

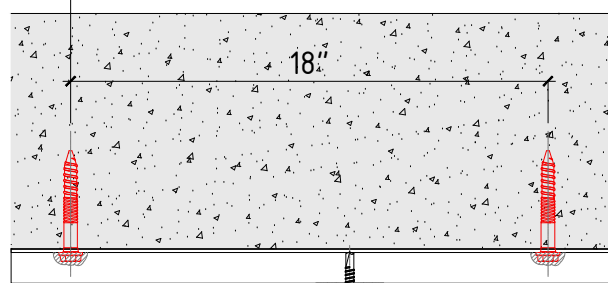
(2) 5/16"-ULTRACON SCREWS
W/2" EMBEDMENT INTO
CONCRETE 18" O.C.



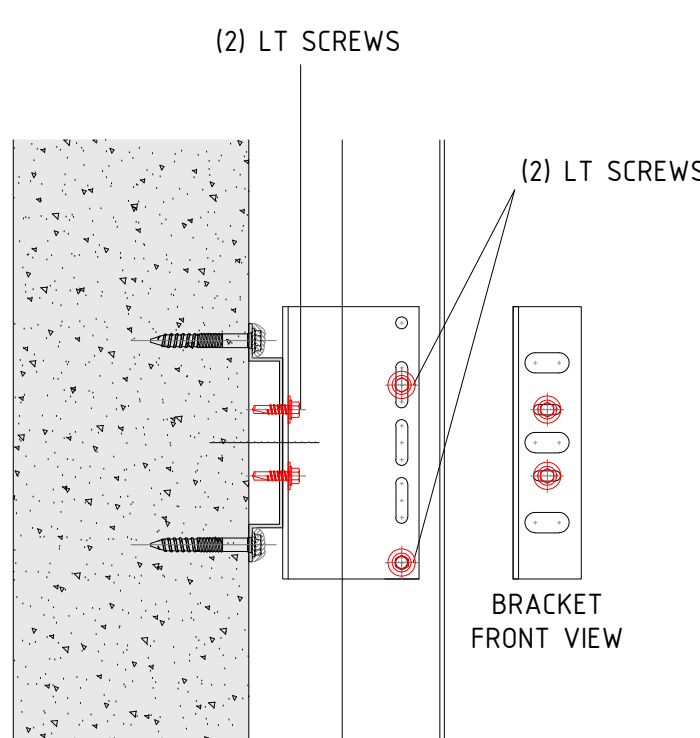
PLAN DETAIL

WIND LOAD

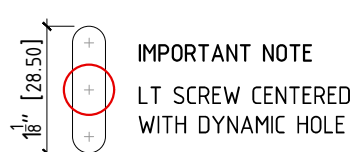
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W/2" EMBEDMENT INTO
CONCRETE 18" O.C.



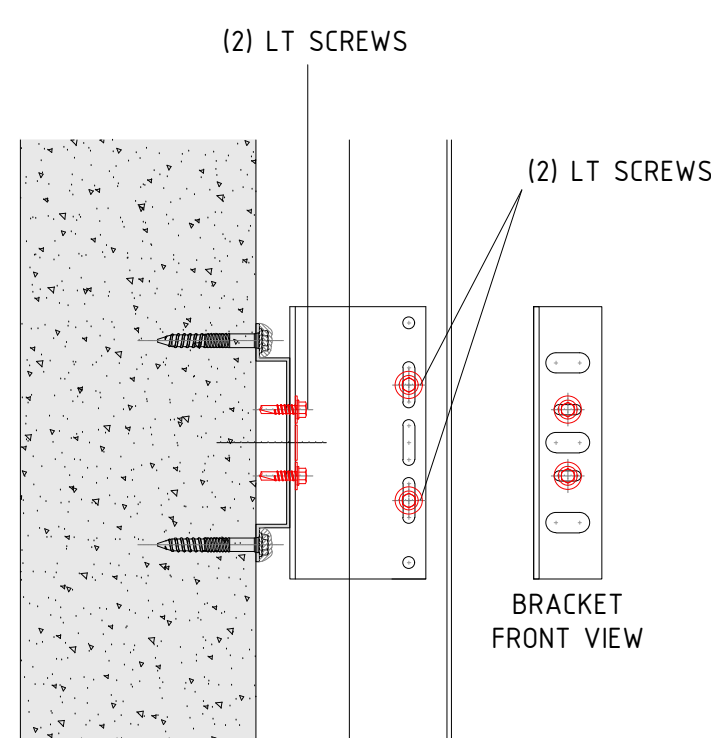
PLAN DETAIL



SECTION DETAIL



LT SCREW CENTERED
WITH DYNAMIC HOLE

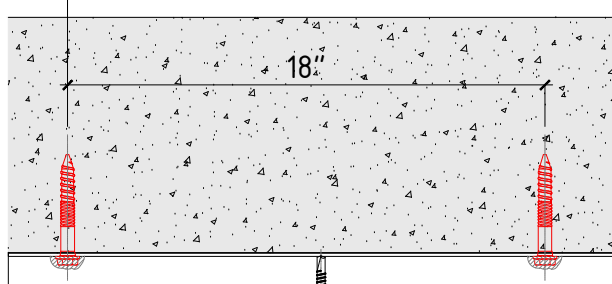


SECTION DETAIL

1.2 - TYPICAL ZONE

DEAD LOAD

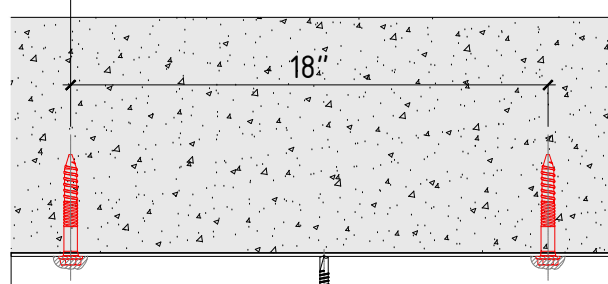
(2) 5/16"-ULTRACON SCREWS
W/2" EMBEDMENT INTO
CONCRETE 18" O.C.



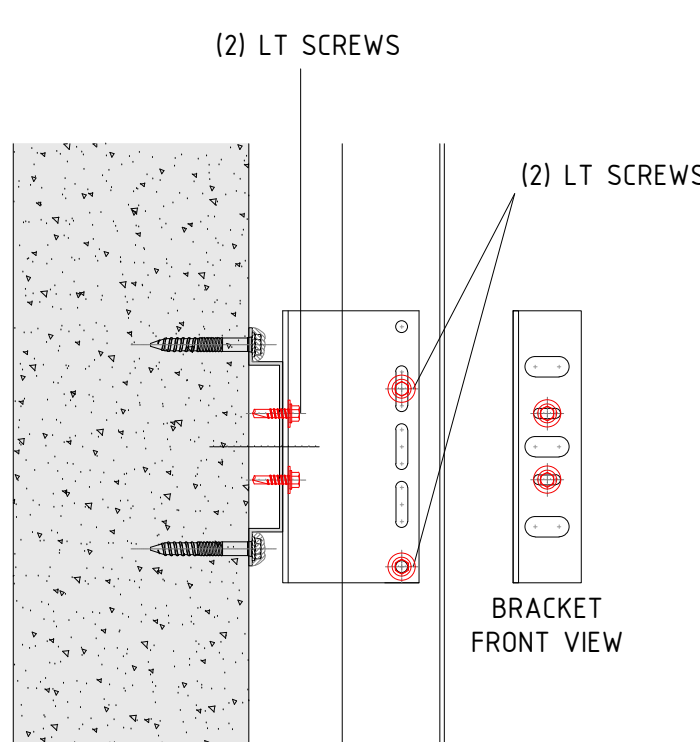
PLAN DETAIL

WIND LOAD

(2) 5/16"-ULTRACON SCREWS
W/2" EMBEDMENT INTO
CONCRETE 18" O.C.

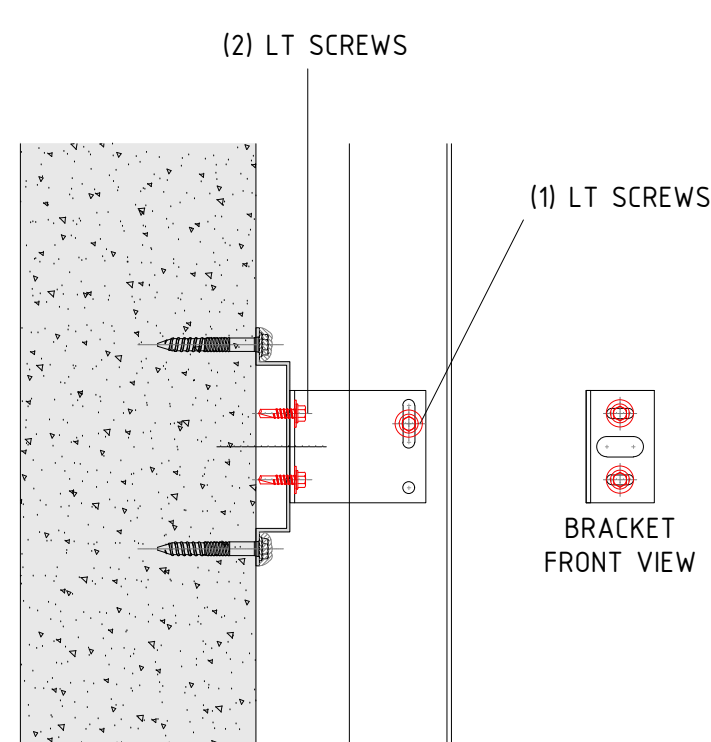


PLAN DETAIL



SECTION DETAIL

IMPORTANT NOTE: @ DEAD LOAD WHEN VERTICAL
PROFILE MEASURES LESS THAN HALF PROFILE (4'-11")
WE USE SINGLE BRACKET WITH (2) FASTENERS.

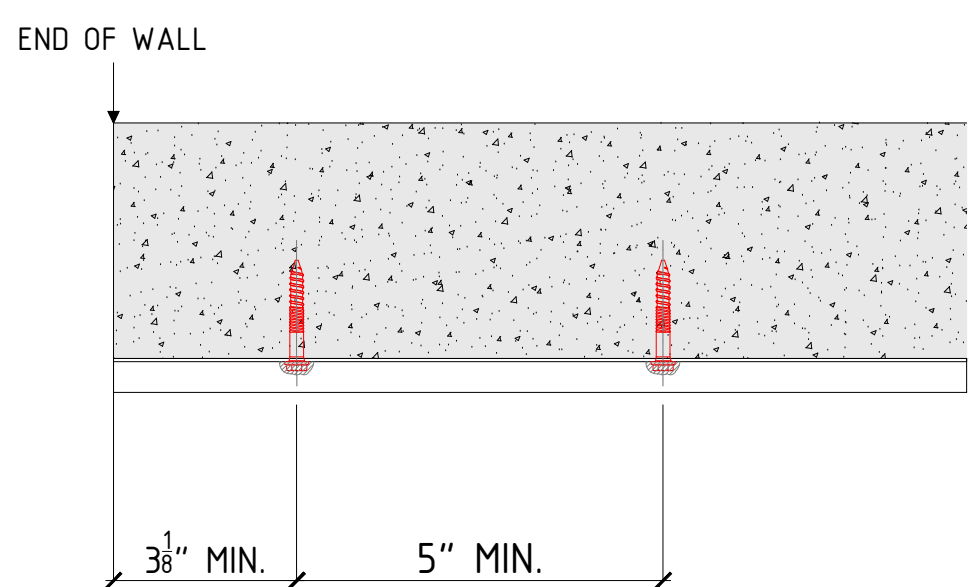


SECTION DETAIL

IMPORTANT NOTE: LT SCREW CENTERED
WITH DYNAMIC HOLE

1.3 - ANCHORING MINIMUM DISTANCE TO EDGE OF WALL

*IN CASE THAT NEED TO BE LESS, CONSULT WITH PORCELANOSA



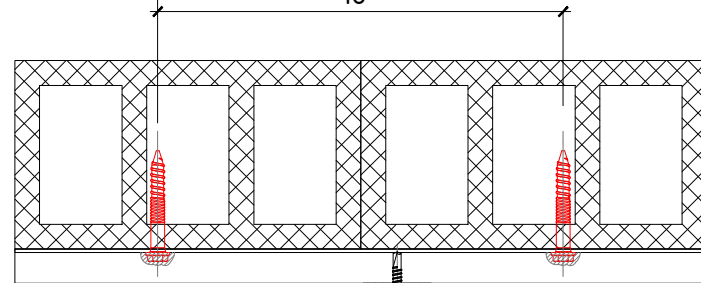
2 - CMU WALL

Spec: 100 GROUTED

2.1 - CORNER ZONE

DEAD LOAD

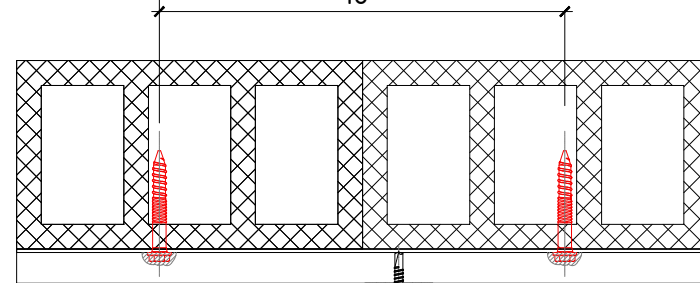
(2) 5/16"-ULTRACON SCREWS
W/2" EMBEDMENT INTO
CMU 18" O.C.



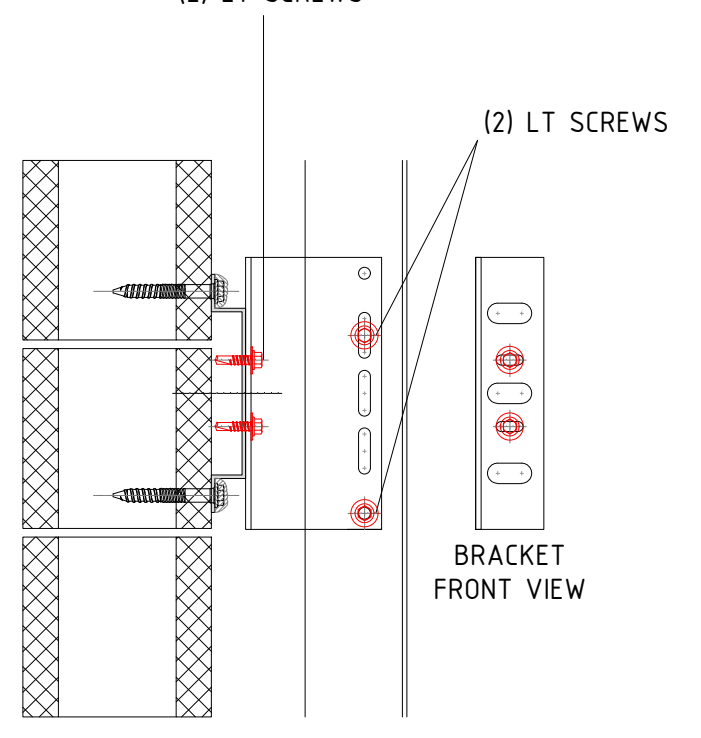
PLAN DETAIL

WIND LOAD

(2) 5/16"-ULTRACON SCREWS
W/2" EMBEDMENT INTO
CMU 18" O.C.

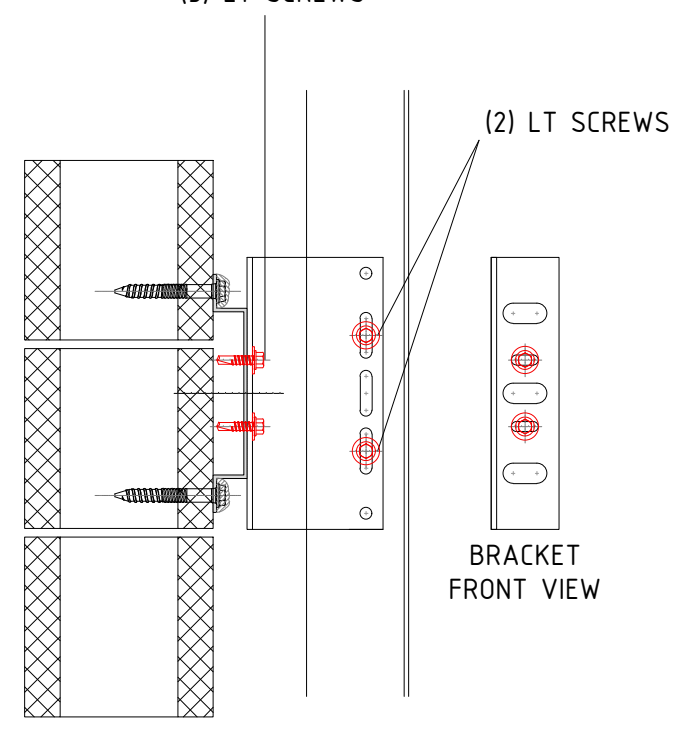


PLAN DETAIL



SECTION DETAIL

IMPORTANT NOTE: LT SCREW CENTERED
WITH DYNAMIC HOLE

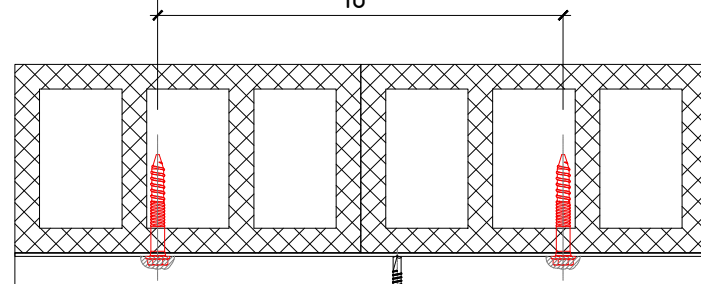


SECTION DETAIL

2.2 - TYPICAL ZONE

DEAD LOAD

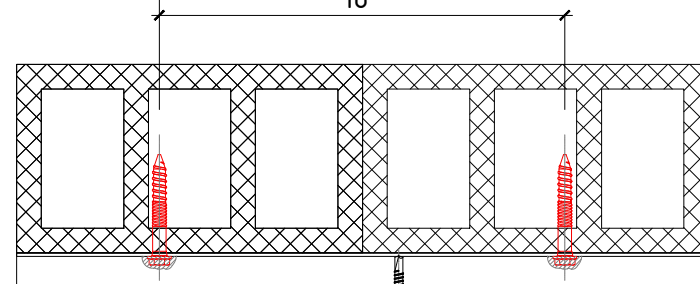
(2) 5/16"-ULTRACON SCREWS
W/2" EMBEDMENT INTO
CMU 18" O.C.



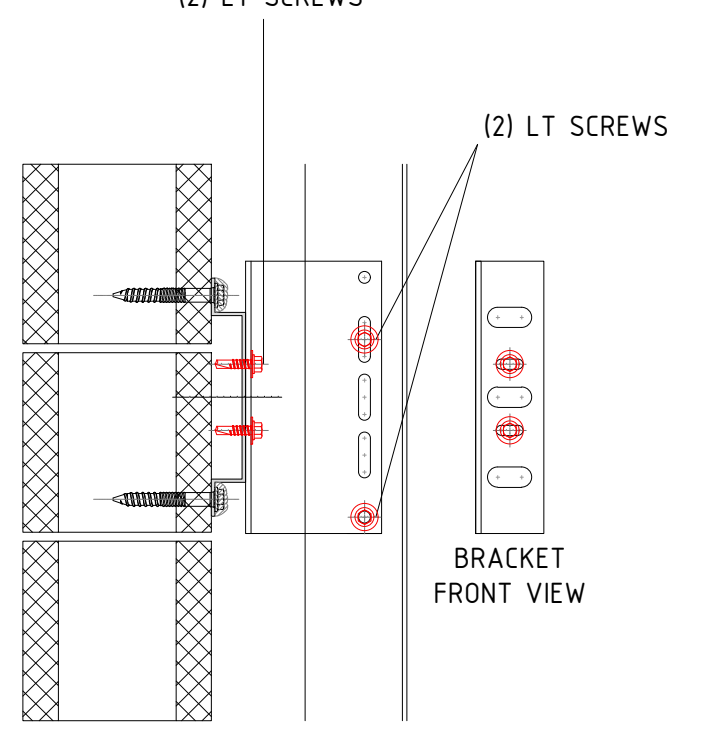
PLAN DETAIL

WIND LOAD

(2) 5/16"-ULTRACON SCREWS
W/2" EMBEDMENT INTO
CMU 18" O.C.

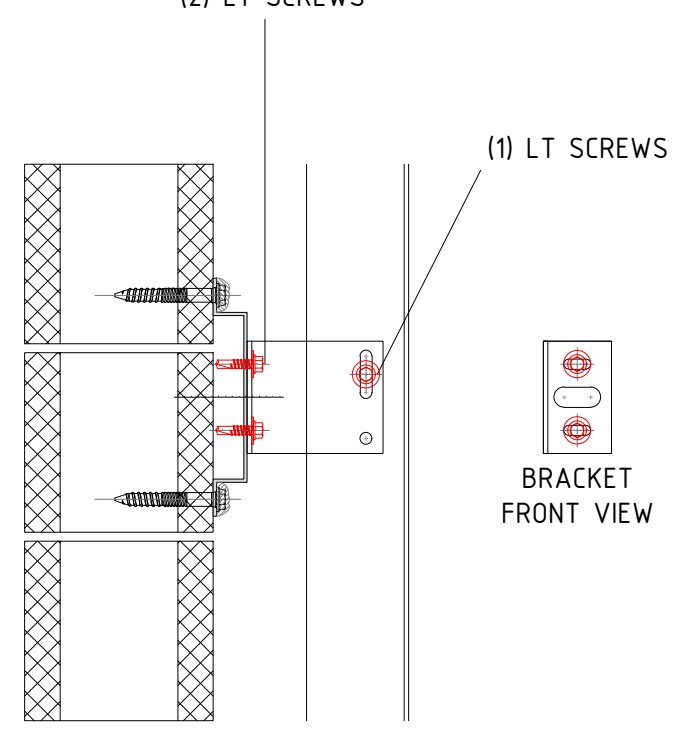


PLAN DETAIL



SECTION DETAIL

IMPORTANT NOTE: @ DEAD LOAD WHEN VERTICAL
PROFILE MEASURES LESS THAN HALF PROFILE (4'-11")
WE USE SINGLE BRACKET WITH (2) FASTENERS.

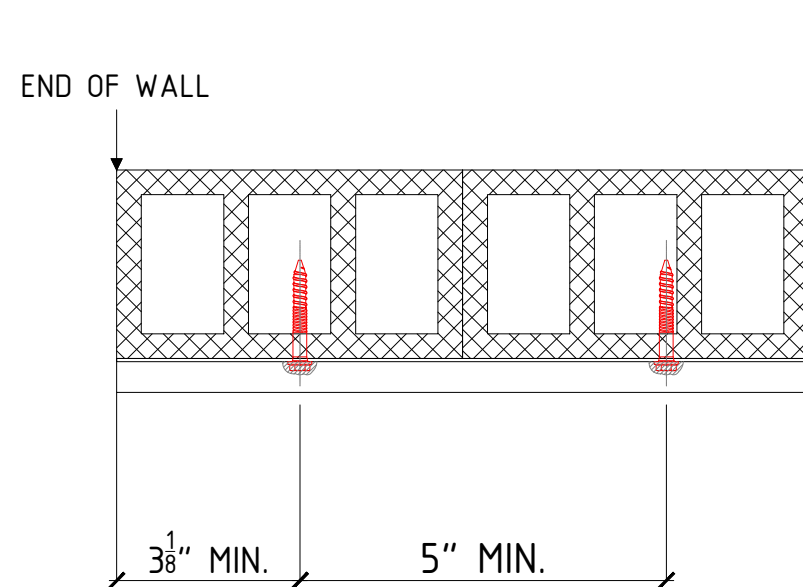


SECTION DETAIL

IMPORTANT NOTE: LT SCREW CENTERED
WITH DYNAMIC HOLE

2.3 - ANCHORING MINIMUM DISTANCE TO EDGE OF WALL

*IN CASE THAT NEED TO BE LESS, CONSULT WITH PORCELANOSA



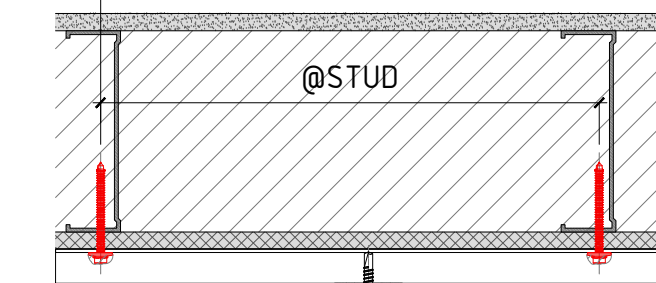
3 - METAL STUD WALL

Spec: 6"-16GA;16"O/C

3.1 - CORNER ZONE

DEAD LOAD

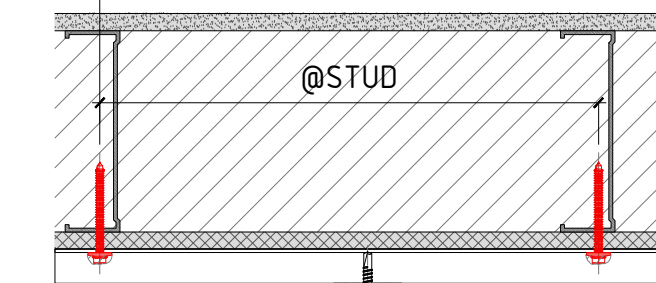
(2) HILTI SELF-DRILLING SCREW
S-MDS35 Ø0.22"x 2" SS304
INTO MIN 16GA STEEL STUDS
@ 16" O.C. HORIZONTALLY



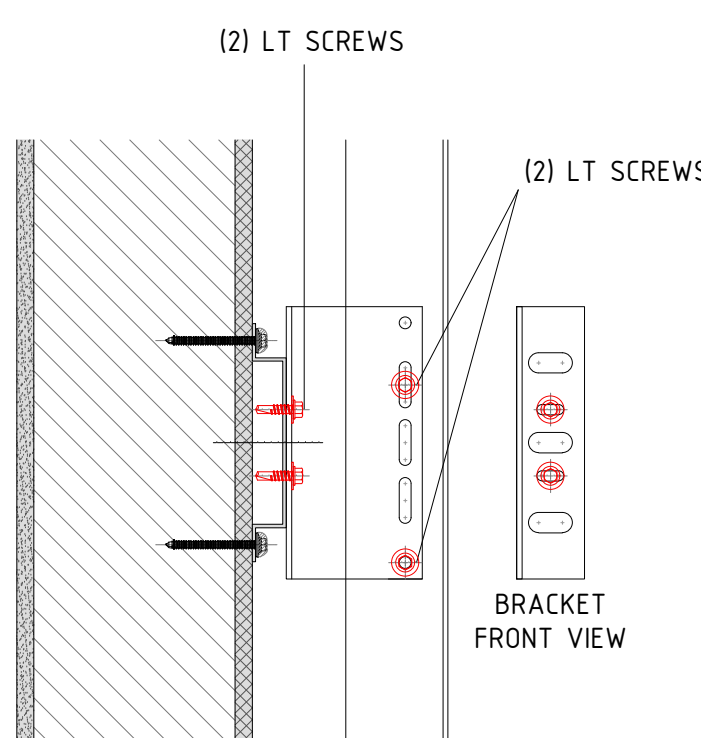
PLAN DETAIL

WIND LOAD

(2) HILTI SELF-DRILLING SCREW
S-MDS35 Ø0.22"x 2" SS304
INTO MIN 16GA STEEL STUDS
@ 16" O.C. HORIZONTALLY

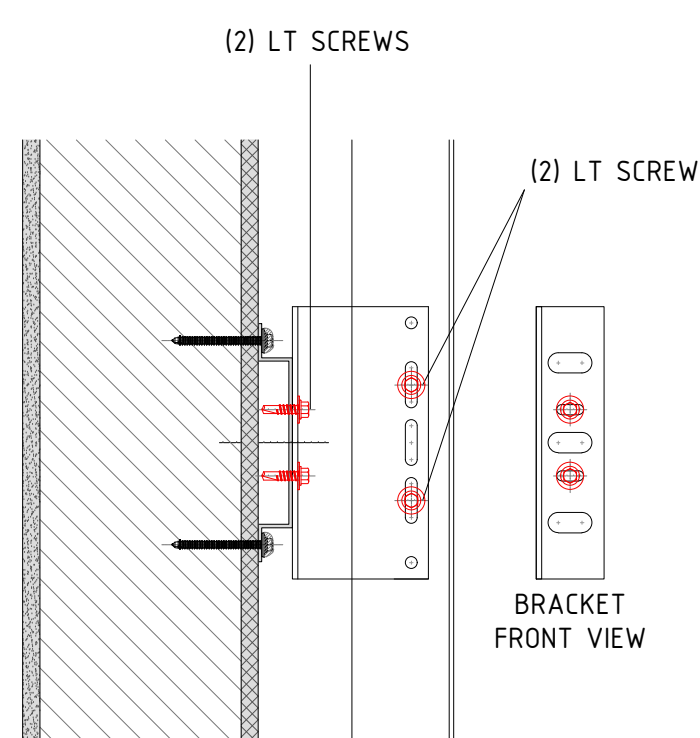


PLAN DETAIL



SECTION DETAIL

IMPORTANT NOTE: LT SCREW CENTERED
WITH DYNAMIC HOLE

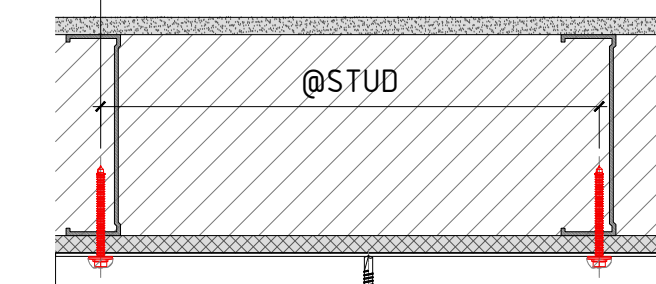


SECTION DETAIL

3.2 - TYPICAL ZONE

DEAD LOAD

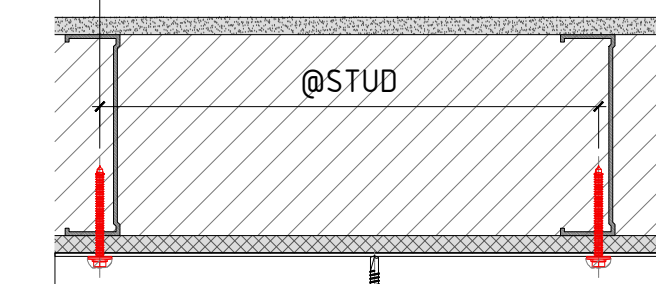
(2) HILTI SELF-DRILLING SCREW
S-MDS35 Ø0.22"x 2" SS304
INTO MIN 16GA STEEL STUDS
@ 16" O.C. HORIZONTALLY



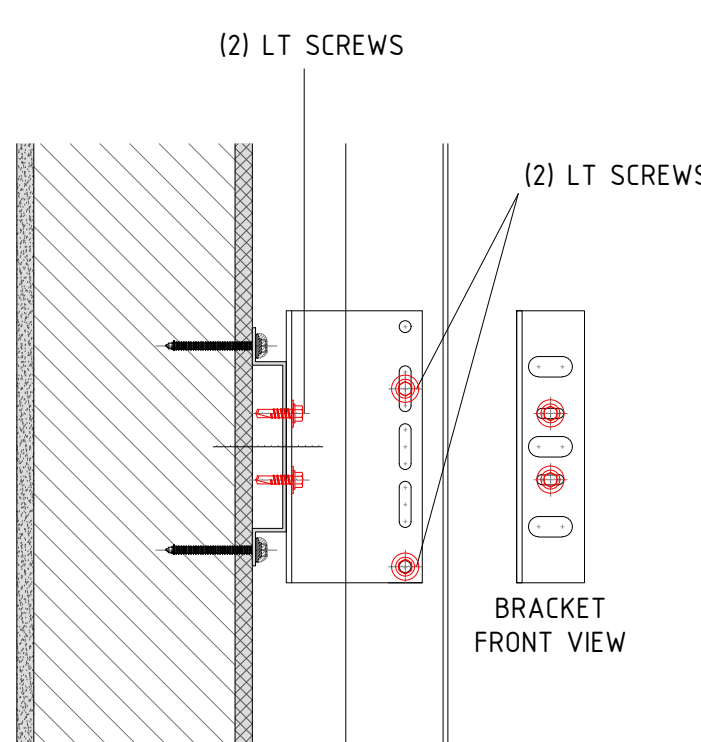
PLAN DETAIL

WIND LOAD

(2) HILTI SELF-DRILLING SCREW
S-MDS35 Ø0.22"x 2" SS304
INTO MIN 16GA STEEL STUDS
@ 16" O.C. HORIZONTALLY

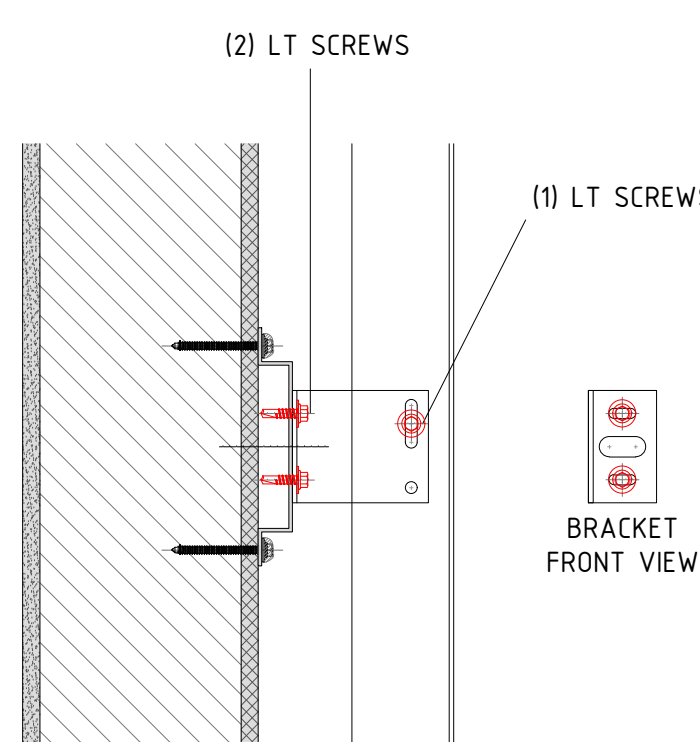


PLAN DETAIL



SECTION DETAIL

IMPORTANT NOTE: @ DEAD LOAD WHEN VERTICAL
PROFILE MEASURES LESS THAN HALF PROFILE (4'-11")
WE USE SINGLE BRACKET WITH (2) FASTENERS.

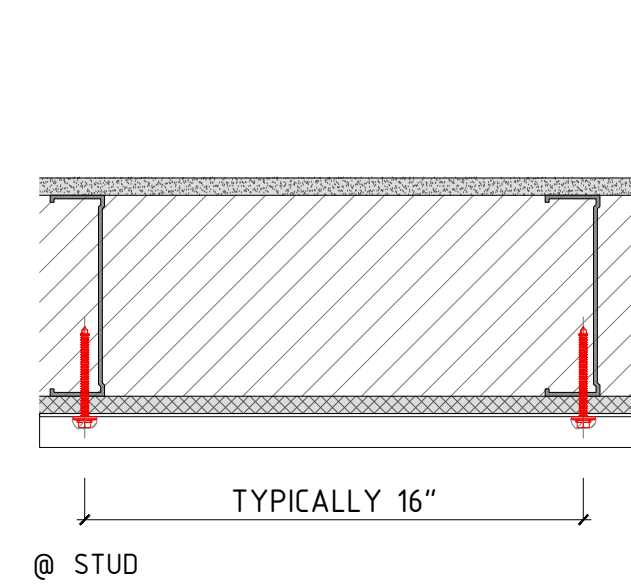


SECTION DETAIL

IMPORTANT NOTE: LT SCREW CENTERED
WITH DYNAMIC HOLE

3.3 - ANCHORING MINIMUM DISTANCE TO EDGE OF WALL

*IN CASE THAT NEED TO BE LESS, CONSULT WITH PORCELANOSA



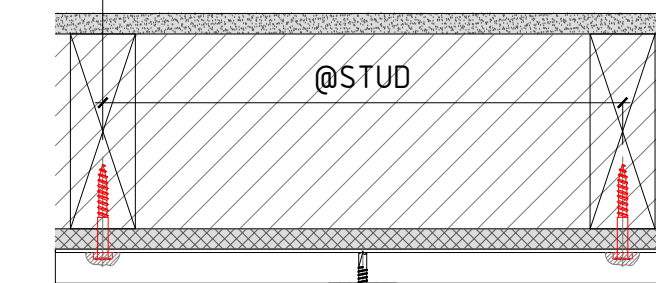
4 - WOOD STUD WALL

Spec: 2X(1.5 THICK) - 16" O/C

4.1 - CORNER ZONE

DEAD LOAD

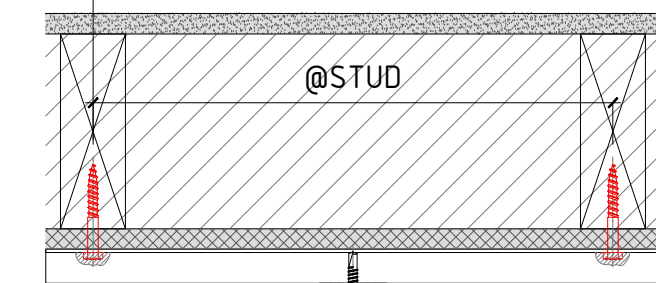
(2) SIMPSON STRONG-TIE
SCREW SDS25312 1"x3"
DOUBLE-BARRIER COATING



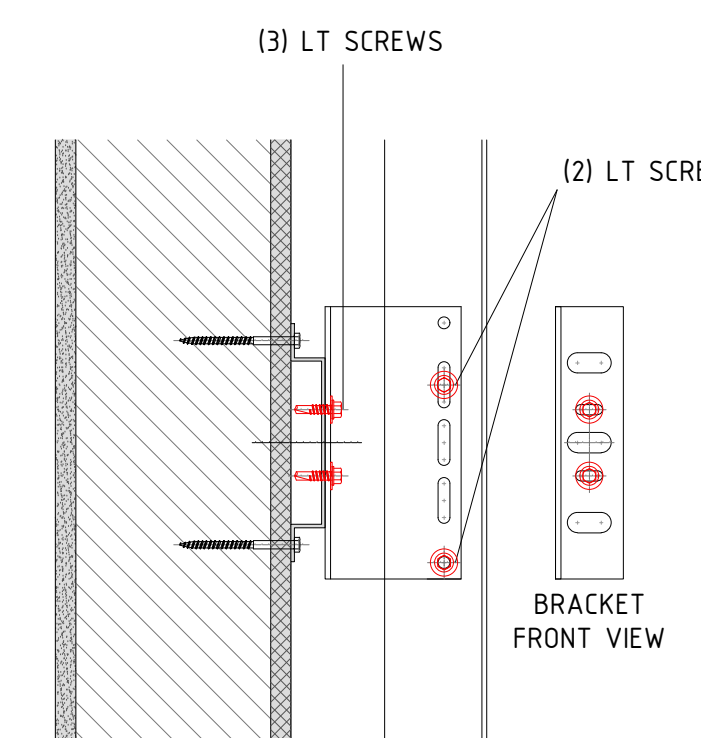
PLAN DETAIL

WIND LOAD

(2) SIMPSON STRONG-TIE
SCREW SDS25312 1"x3"
DOUBLE-BARRIER COATING

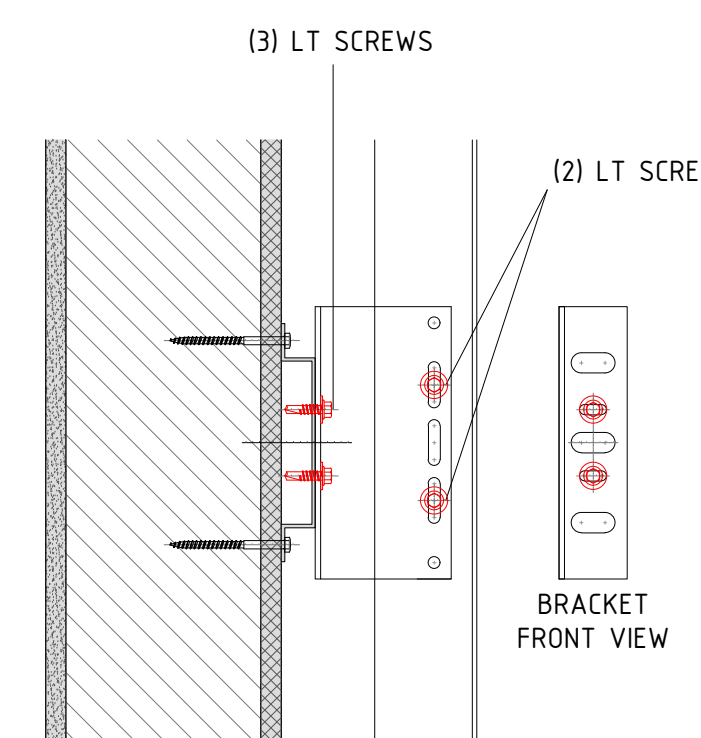


PLAN DETAIL



SECTION DETAIL

IMPORTANT NOTE: LT SCREW CENTERED
WITH DYNAMIC HOLE

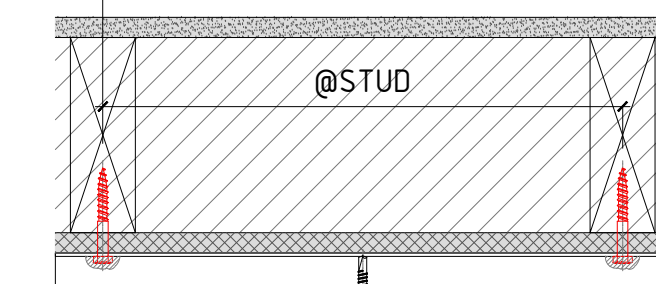


SECTION DETAIL

4.2 - TYPICAL ZONE

DEAD LOAD

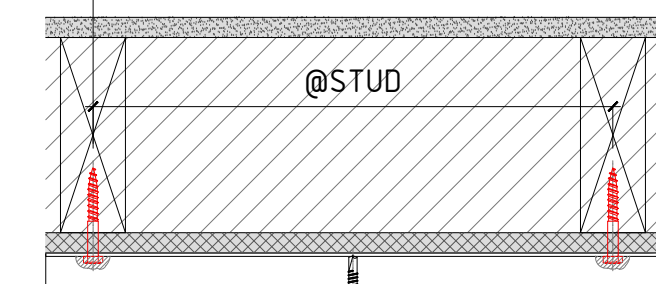
(2) SIMPSON STRONG-TIE
SCREW SDS25312 1"x3"
DOUBLE-BARRIER COATING



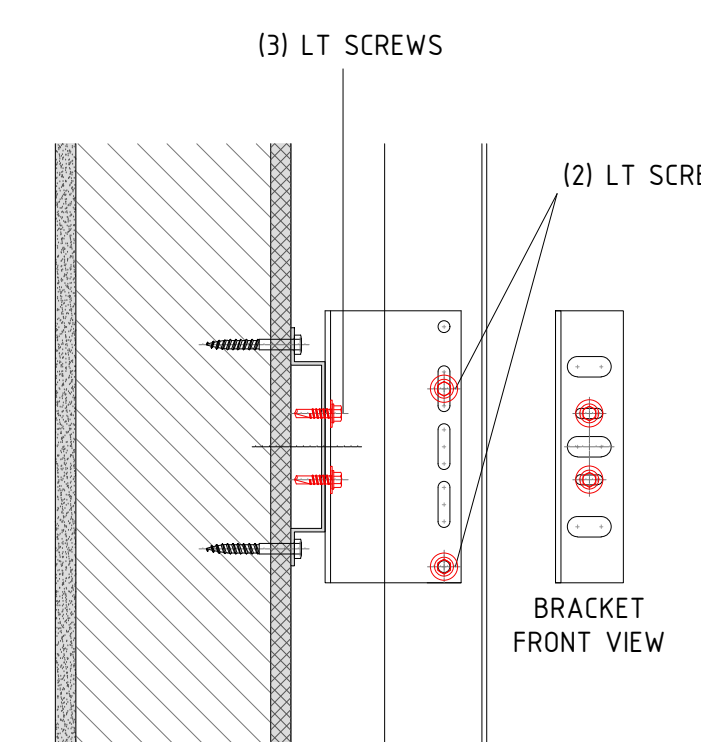
PLAN DETAIL

WIND LOAD

(2) SIMPSON STRONG-TIE
SCREW SDS25312 1"x3"
DOUBLE-BARRIER COATING

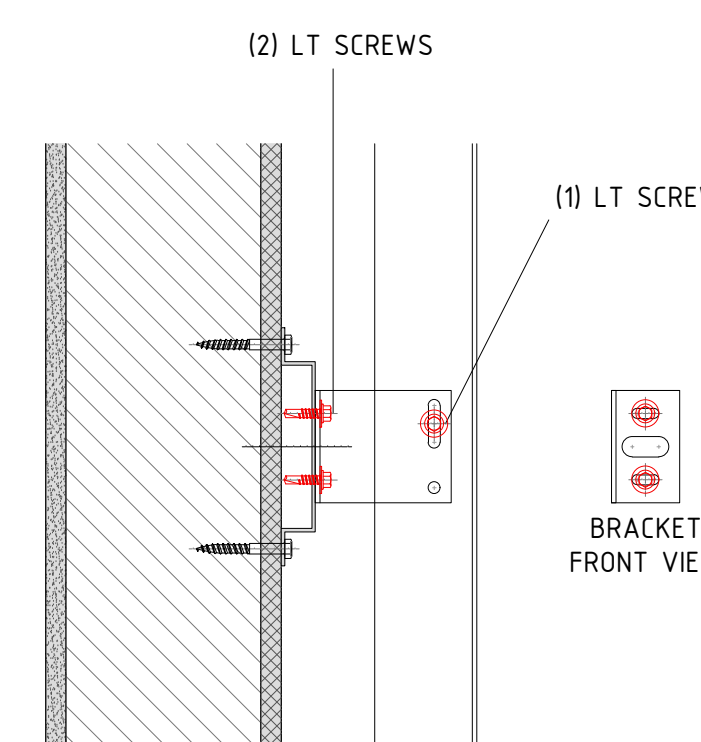


PLAN DETAIL



SECTION DETAIL

IMPORTANT NOTE: @ DEAD LOAD WHEN VERTICAL
PROFILE MEASURES LESS THAN HALF PROFILE (4'-11")
WE USE SINGLE BRACKET WITH (2) FASTENERS.

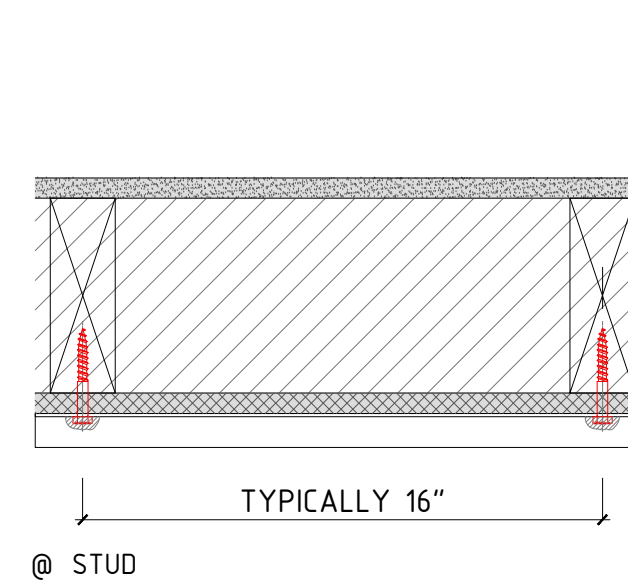


SECTION DETAIL

IMPORTANT NOTE: LT SCREW CENTERED
WITH DYNAMIC HOLE

4.3 - ANCHORING MINIMUM DISTANCE TO EDGE OF WALL

*IN CASE THAT NEED TO BE LESS, CONSULT WITH PORCELANOSA



PROJECT NAME:
TECHNICAL BOOK
OPEN-JOINT PORCELAIN CLADDING
SOLUTIONS

PORCELANOSA
FACADE/

IMPORTANT NOTES:
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SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA.
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PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY
INCORPORATE THESE CONCEPTUAL DETAILS INTO
ARCHITECTURAL DRAWINGS.

REVISIONS:		
DATE	REV.	DESCRIPTION

SHEET TITLE:
ANCHORING TO THE
SUBSTRATE

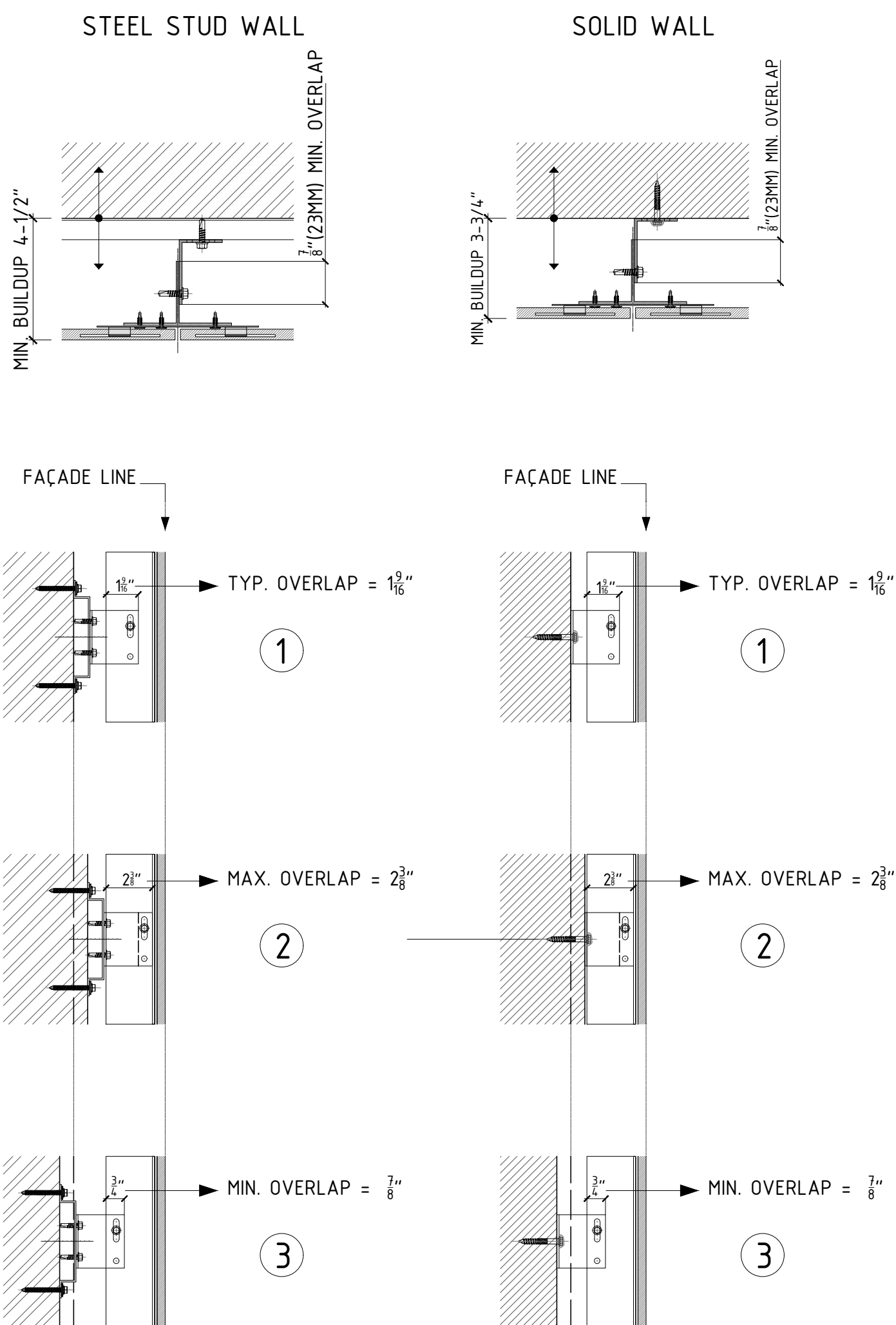
SCALE:
NTS

SHEET NO:
005

REVISION:
A

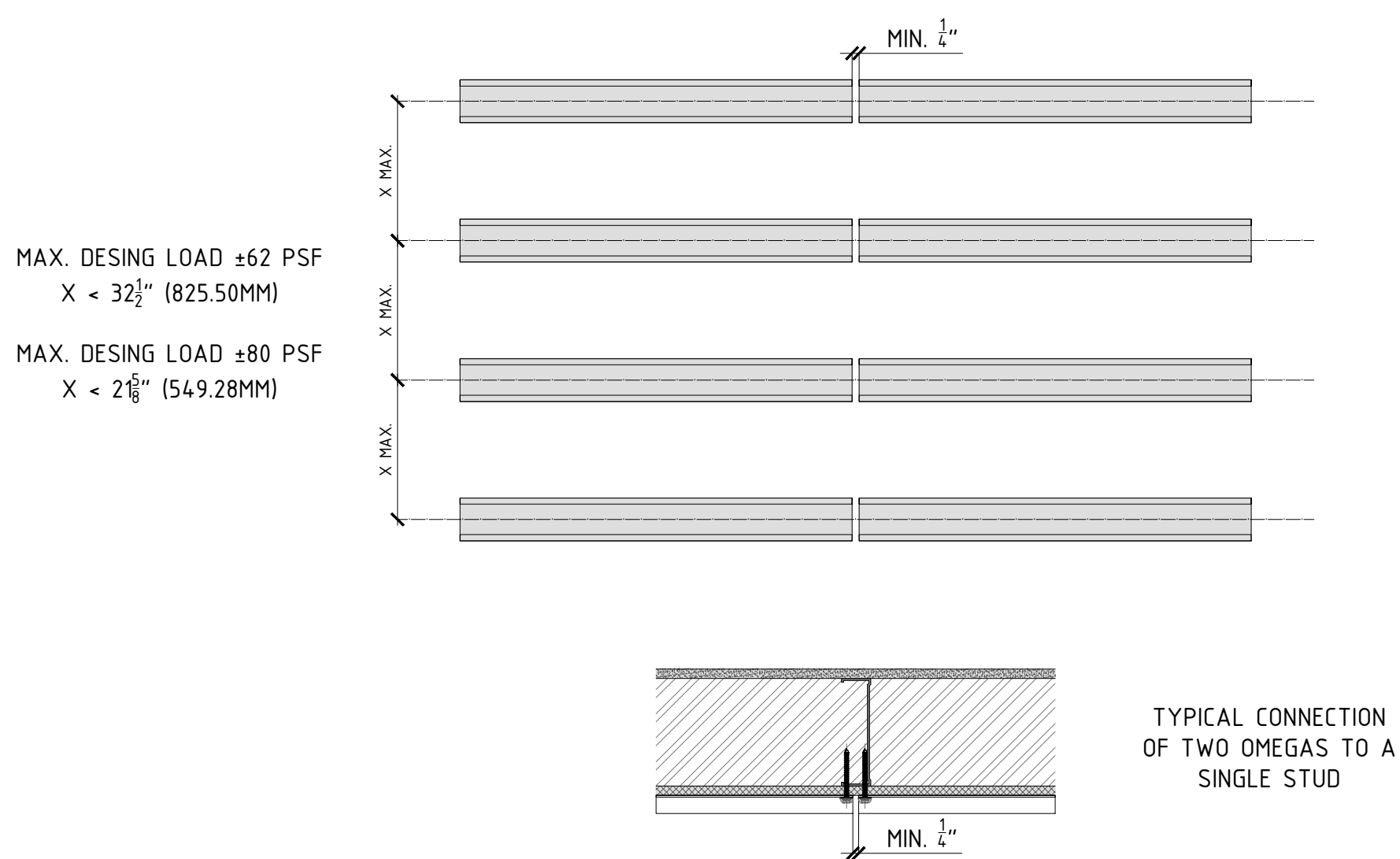
1 - CLADDING SYSTEM TOLERANCES

- * IN-AND-OUT TOLERANCE = +/- 3/4" (20MM)
 - * IF WALL IS BEYOND SYSTEM MAX TOLERANCE, ADDITIONAL SPACER L-BRACKET MUST BE USED. FAÇADE INSTALLER MUST CONSULT WITH PORCELANOSA
- SITE SITUATION 1: WALL IS VERTICALLY PLUMBED
SITE SITUATION 2: WALL CAN BE FURTHER OUT BY 3/4 INCH
SITE SITUATION 3: WALL CAN BE FURTHER IN BY 3/4 INCH



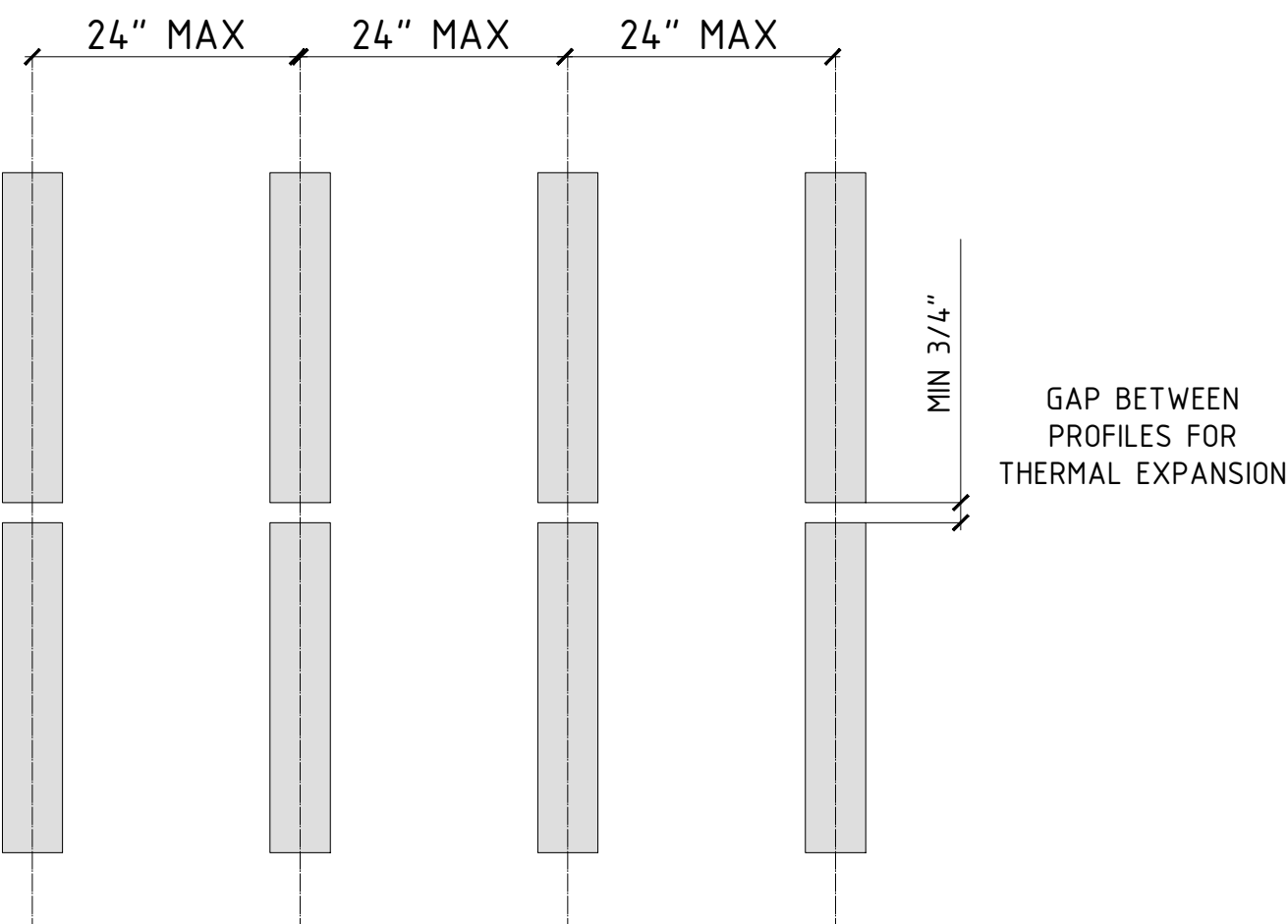
2 - SPACING BETWEEN OMEGA PROFILES

- * THE SAME CRITERIA WILL BE USED FOR SPACING BETWEEN L-SUPPORT BRACKETS WHEN NO OMEGA IS USED.
- * SPACING AS INDICATED IN THE PROJECT SUBSTRUCTURE DRAWINGS. IF NOT NOTED, FOLLOW THIS.



3 - SPACING BETWEEN VERTICAL PROFILES

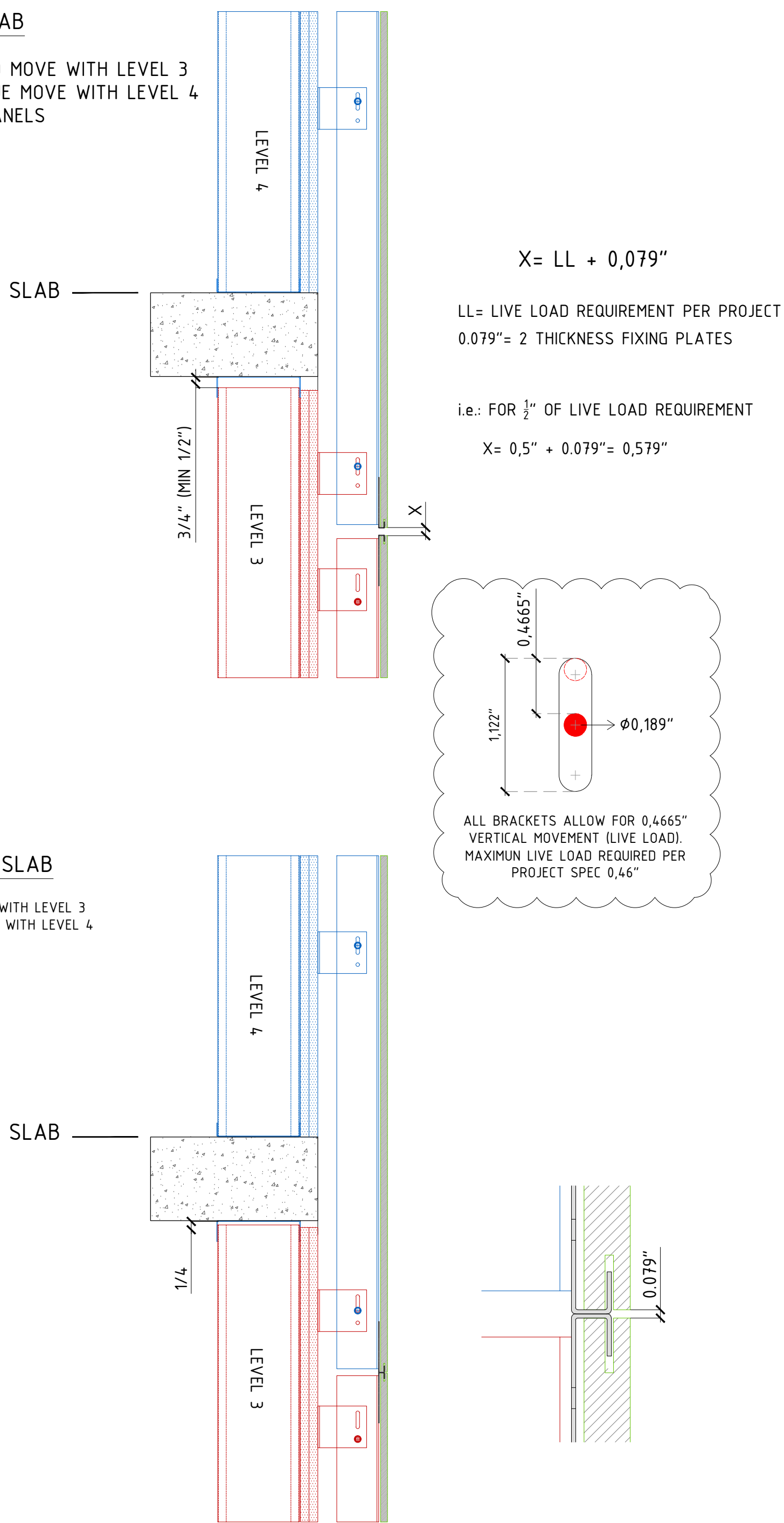
- *SPACING BETWEEN VERTICAL PROFILES AS INDICATED IN THE PROJECT SUBSTRUCTURE DRAWINGS. IF NOT NOTED, MAXIMUM SPACING WILL BE 24" [609.60MM]



4 - VERTICAL LIVE LOAD DEFLECTION

NO DEFLECTION OF SLAB

- ALL MATERIALS IN RED MOVE WITH LEVEL 3
- ALL MATERIALS IN BLUE MOVE WITH LEVEL 4
- GREEN REPRESENTS PANELS

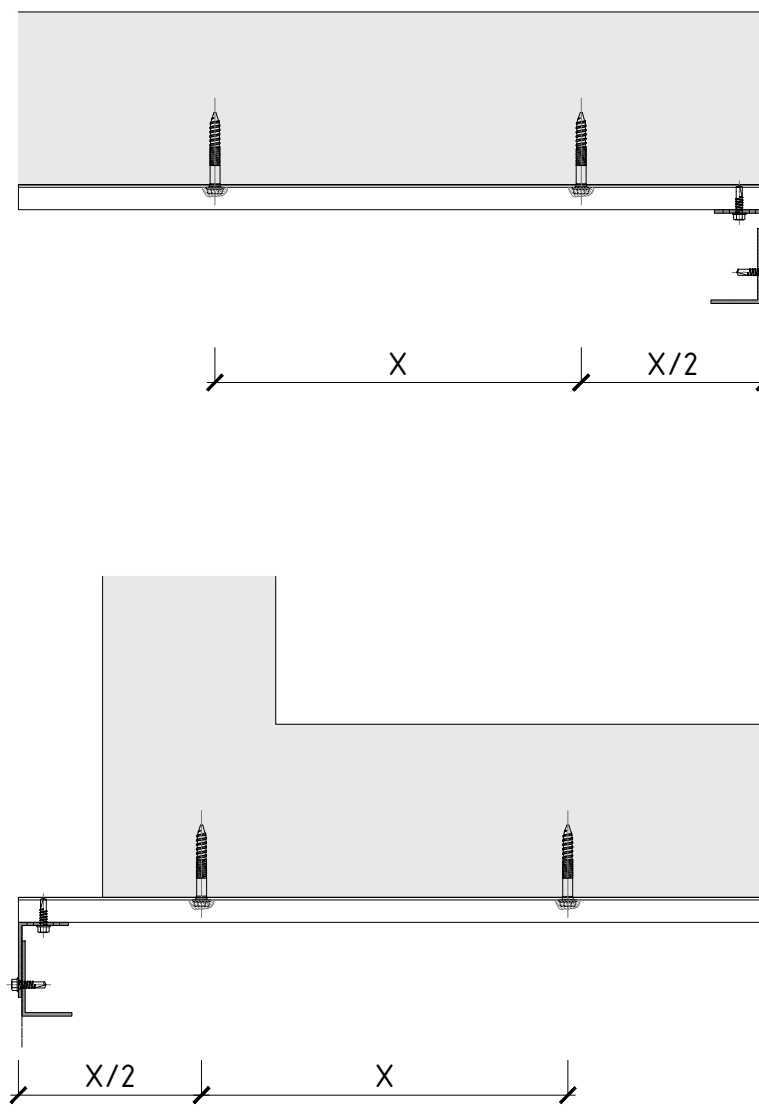


1/2" DEFLECTION OF SLAB

- ALL MATERIALS IN RED MOVE WITH LEVEL 3
- ALL MATERIALS IN BLUE MOVE WITH LEVEL 4
- GREEN REPRESENTS PANELS

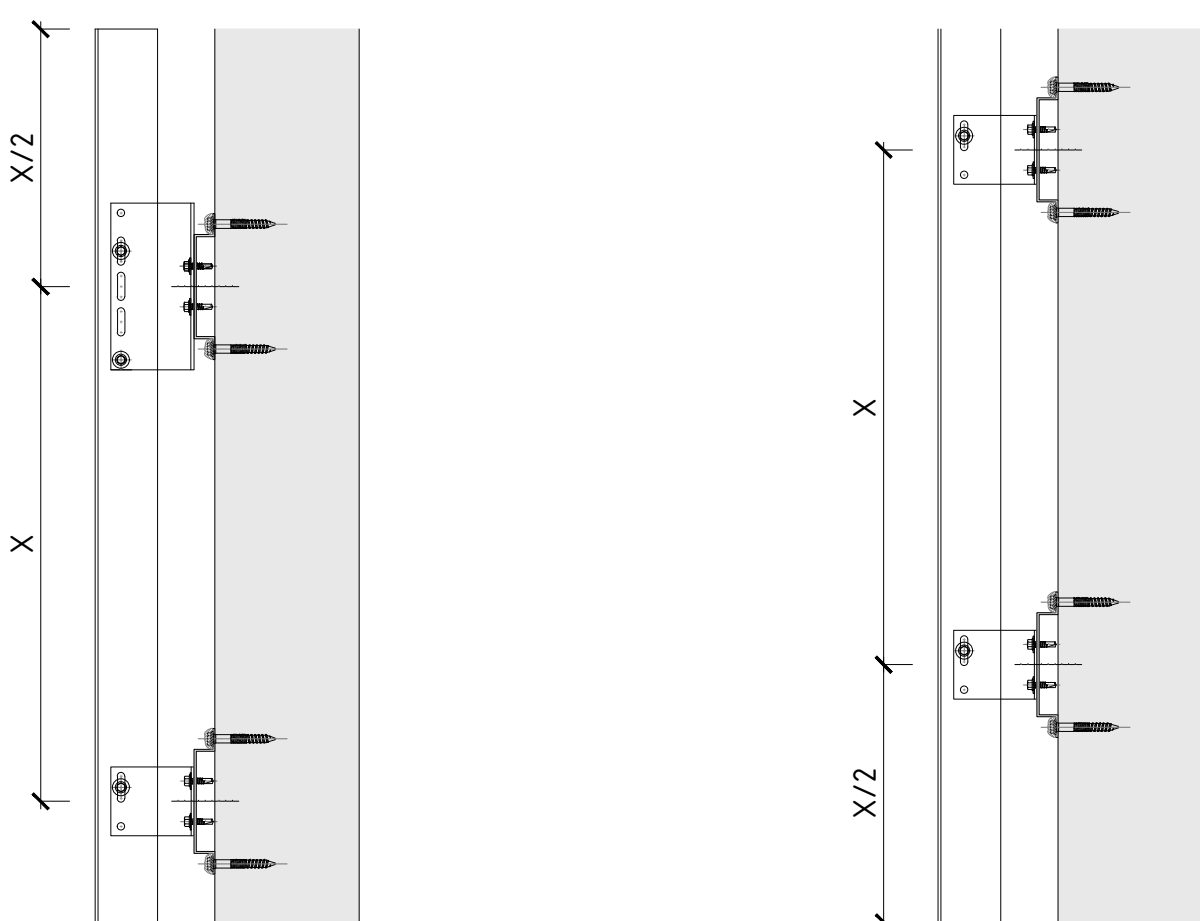
5 - MAXIMUM OMEGA PROFILES CANTILEVER

- * SPACING AS INDICATED IN THE PROJECT SUBSTRUCTURE DRAWINGS. IF NOT NOTED, FOLLOW THIS.

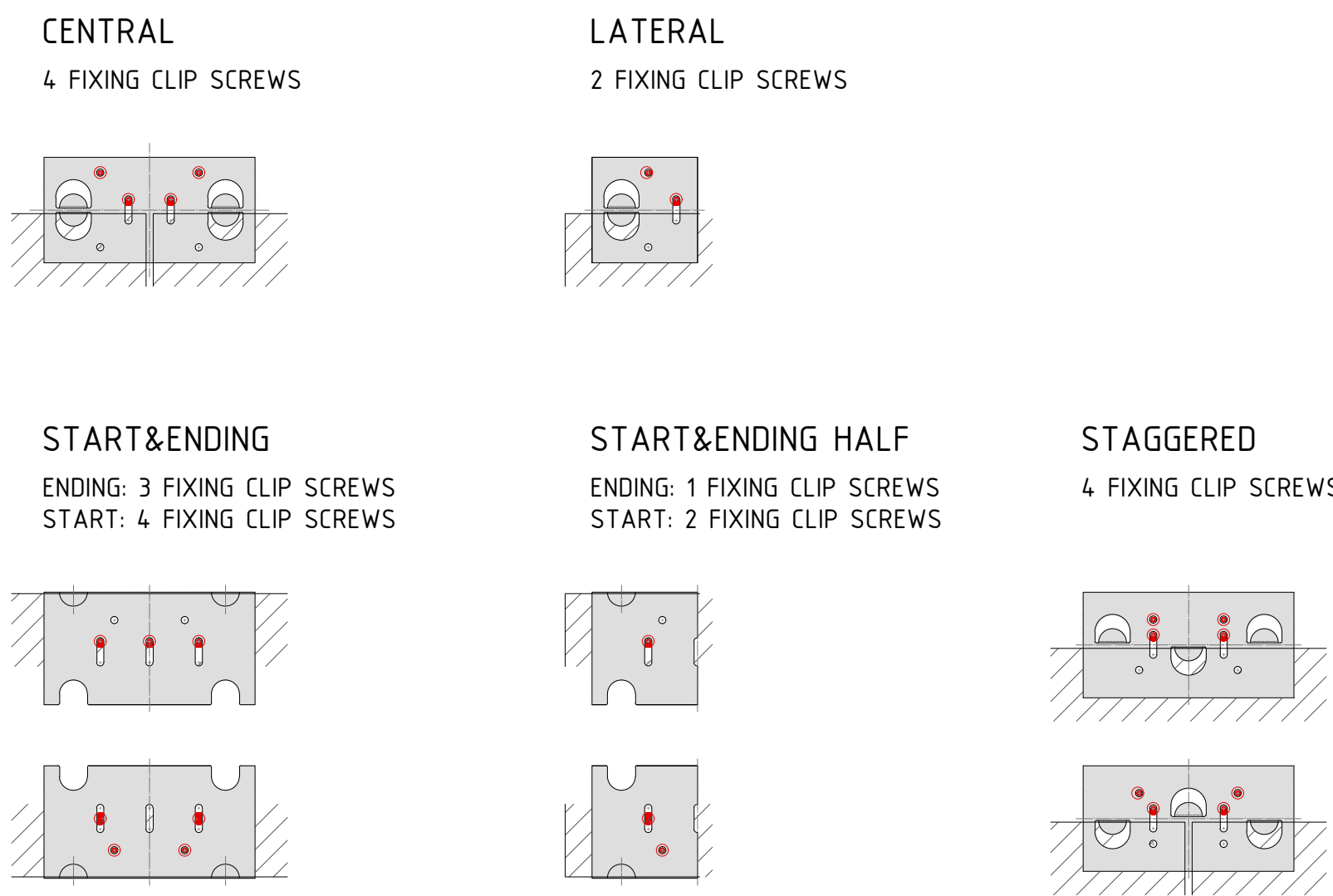


6 - MAXIMUM VERTICAL PROFILES CANTILEVER

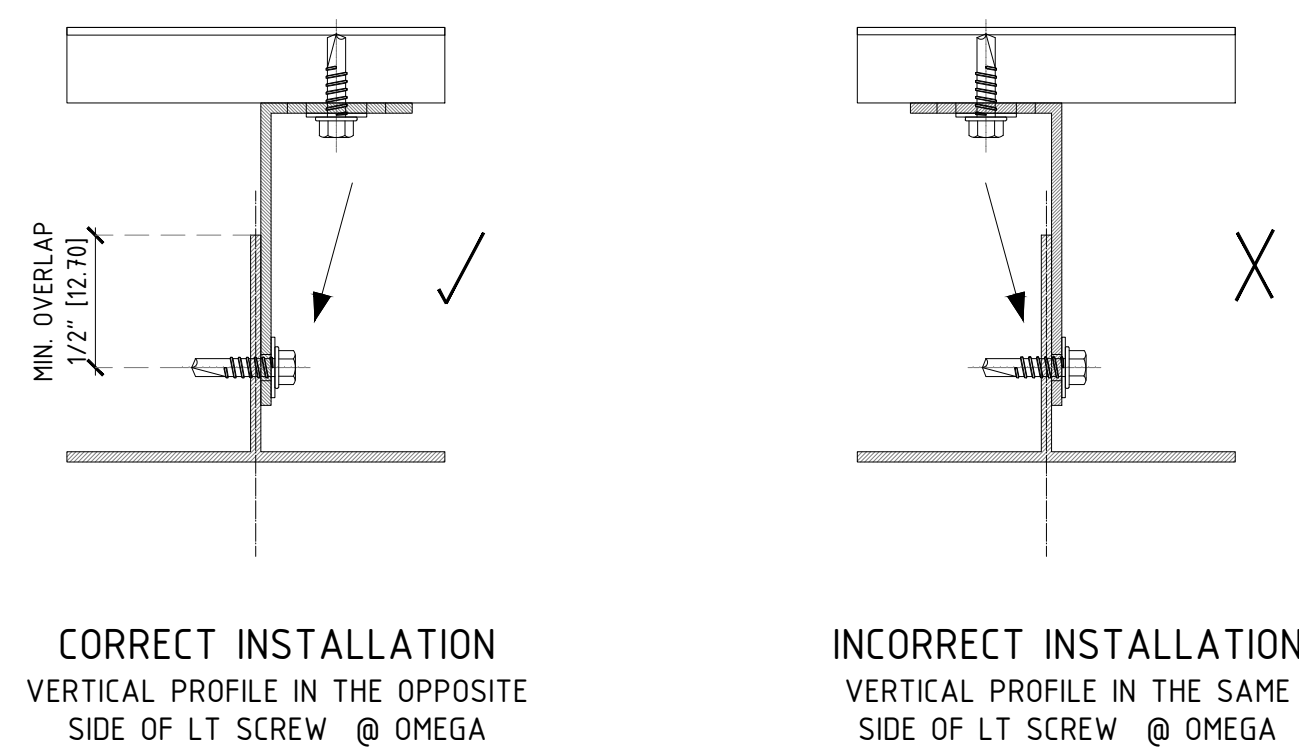
- * SPACING AS INDICATED IN THE PROJECT SUBSTRUCTURE DRAWINGS. IF NOT NOTED, FOLLOW THIS.



7 - LOCATION AND NO. OF FIXING POINTS

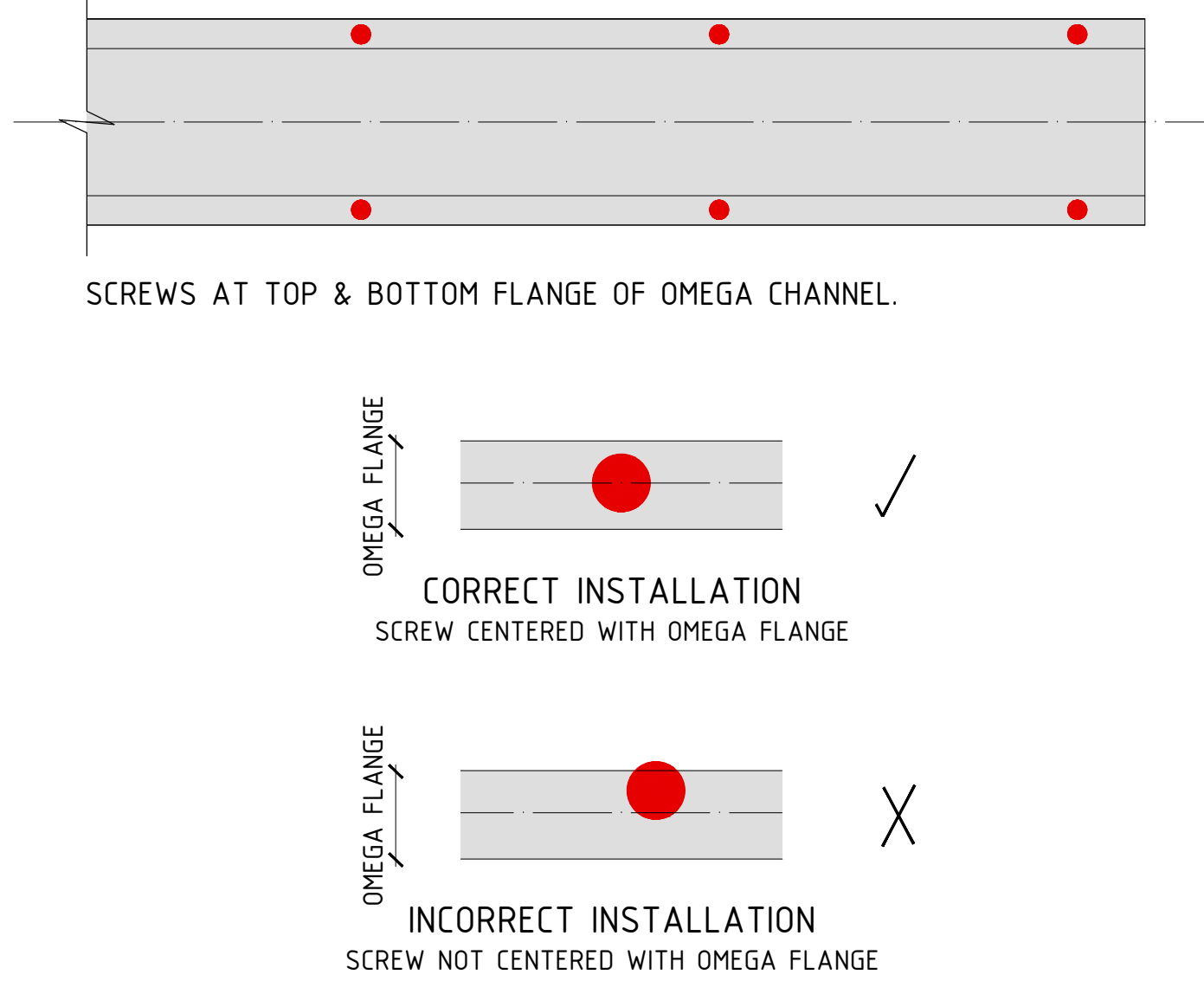


8 - TYPICAL SCREW LOCATION @ L-BRACKET SUPPORT



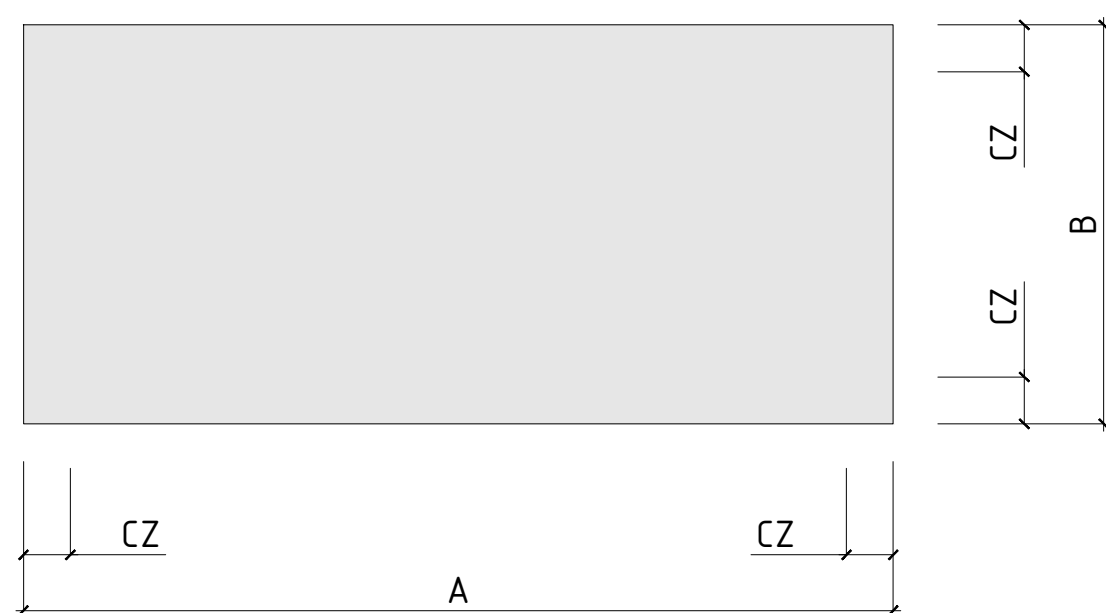
9 - LOCATION OF FIXING POINTS @ OMEGAS

- *SCREW SPECIFICATION WILL DEPEND ON TYPE OF SUBSTRATE - REFER TO SCREW SCHEDULE



10 - TYPICAL CORNER ZONE

- CORNER ZONE AREA (CZ): TYPICALLY B/10 FROM EDGE OF THE WALL
- DOUBLE SUPPORT BRACKET @ ALL CORNER ZONE SUPPORT BRACKETS
- CHECK CALCULATION SPY FOR MORE INFO



B = SHORTEST SIDE OF THE BUILDING

CZ = B/10

11 - VERTICAL PROFILES INSTALLATION

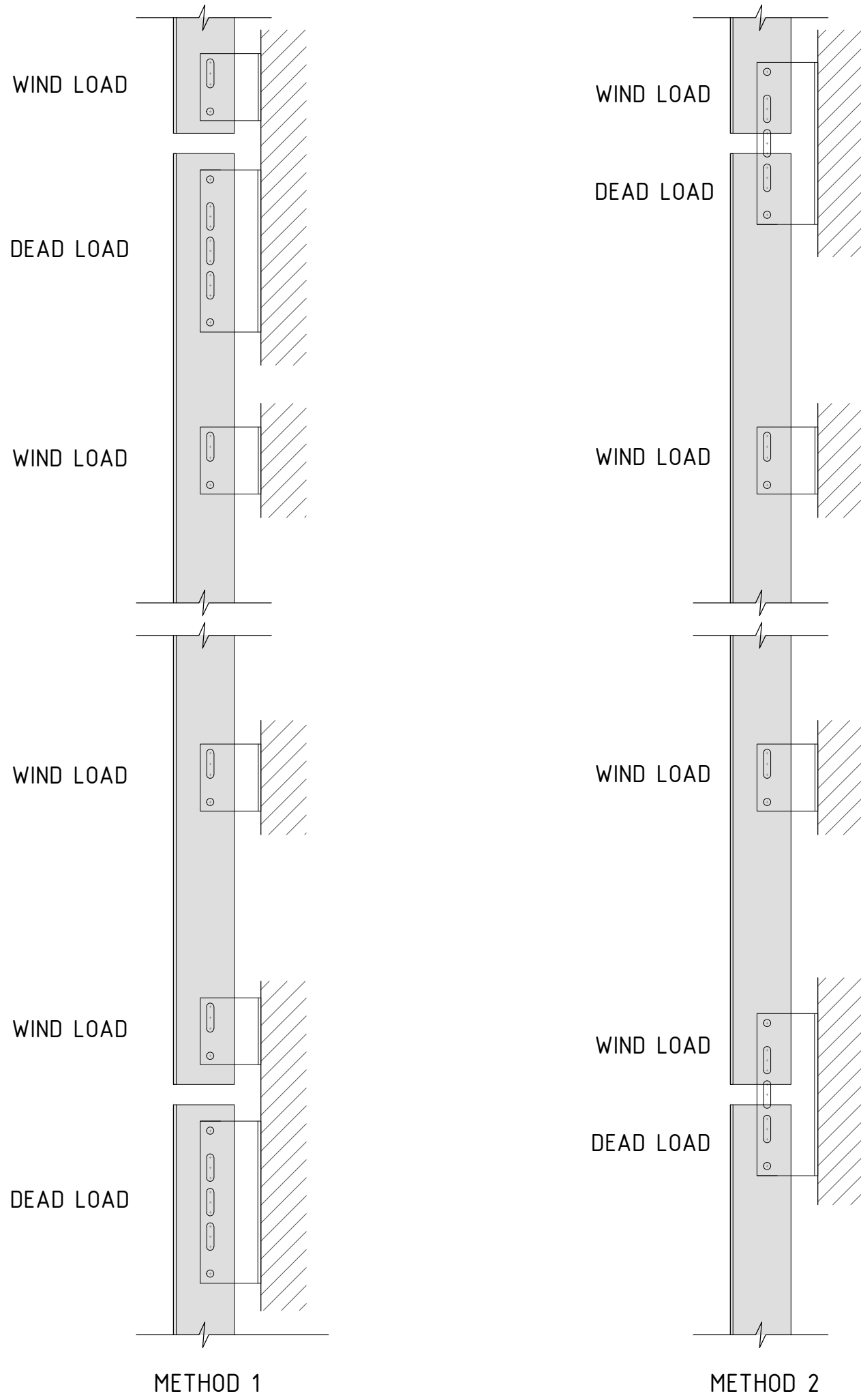
METHOD 1: VERTICAL PROFILES ARE FIXED INDEPENDENT

VERTICAL PROFILES ARE FIXED INDEPENDENTLY OF EACH OTHER TO ALLOW FREE/INDEPENDENT MOVEMENT. RECOMMENDED METHOD FOR HIGH-RISE BUILDINGS, BUILDINGS IN SEISMIC ZONES OR BUILDINGS WHERE LIVE LOAD DEFLECTION OF SLABS NEEDS TO BE ACCOMMODATED WITHIN THE CLADDING SYSTEM.

METHOD 2: VERTICAL PROFILES ARE FIXED TOGETHER

VERTICAL PROFILES SHARE SUPPORT BRACKETS AND THEREFORE ARE FIXED CONTINUOUSLY. RECOMMENDED METHOD FOR LOW-RISE BUILDINGS WHERE LIVE LOAD DEFLECTION OF SLABS IS NOT NECESSARY TO BE ACCOMMODATED WITHIN THE CLADDING SYSTEM.

METHOD 1	METHOD 2
●	



IMPORTANT NOTES:

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REVISIONS:		
DATE	REV.	DESCRIPTION

SHEET TITLE:
GENERAL SUBSTRUCTURE
DETAILS 1

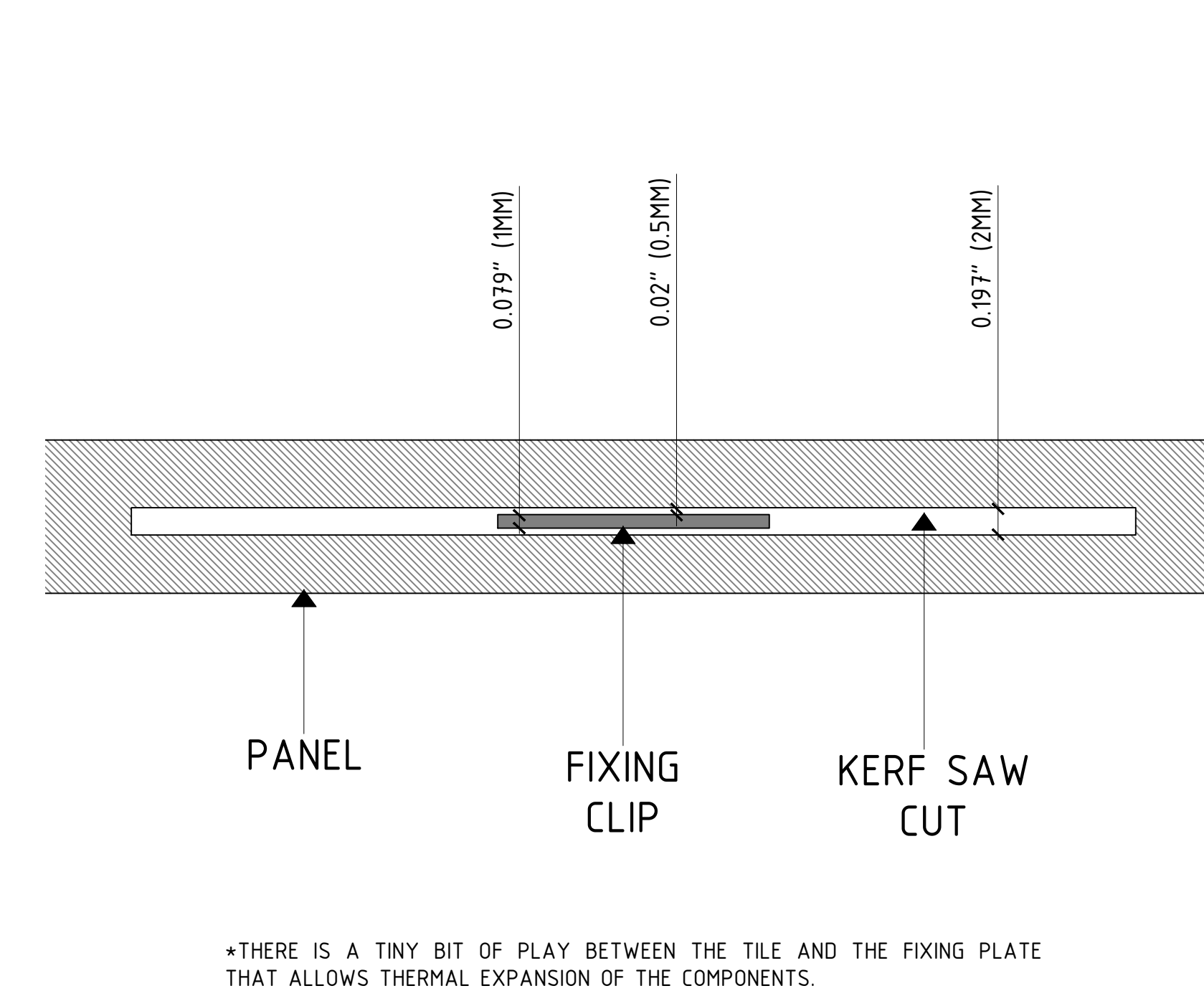
SCALE:
NTS

SHEET NO: 006

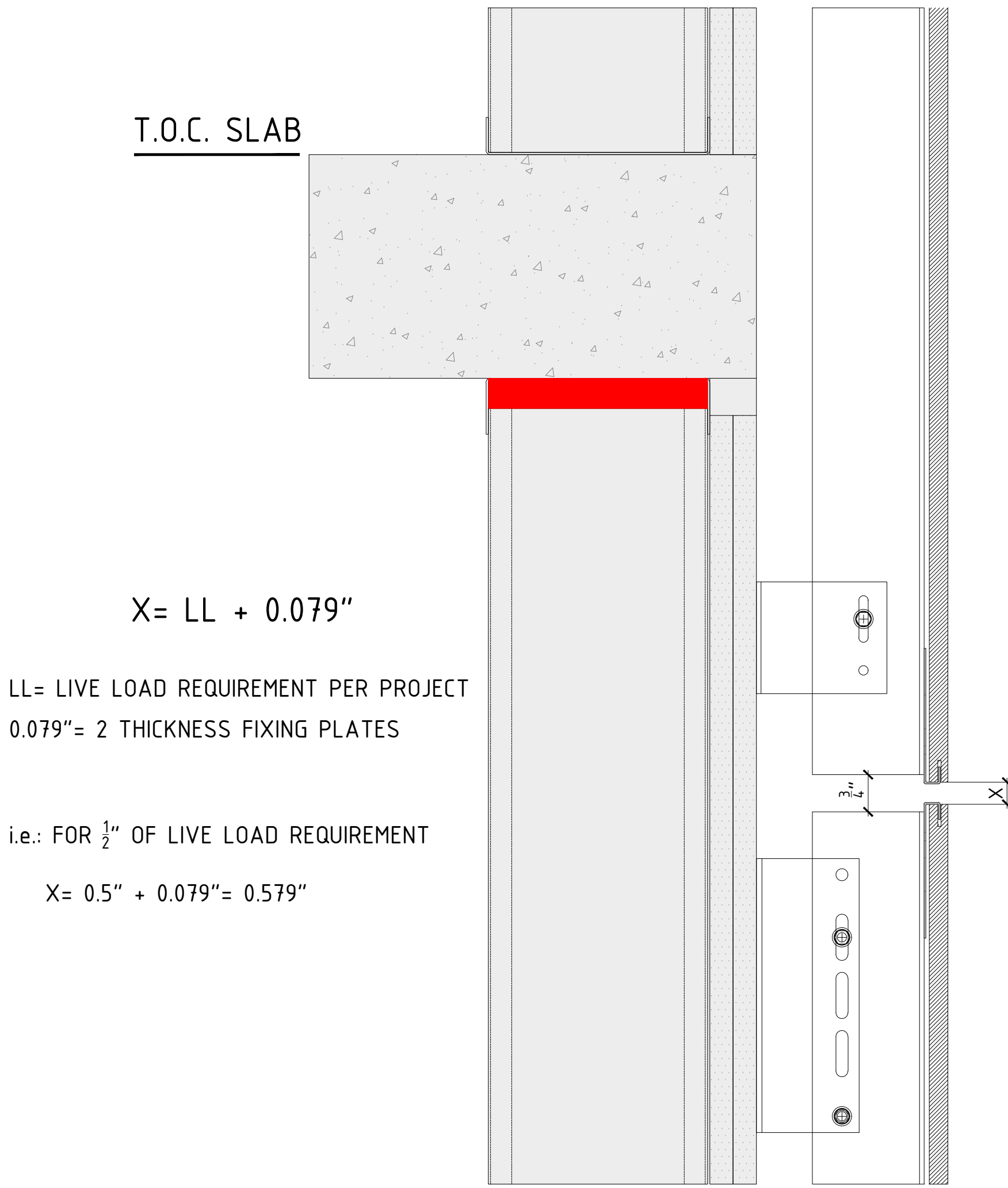
REVISION: A

1 - MOVEMENT ALLOWANCE AT KERF SAW CUT

FOR THE CONCEALED FIXING SYSTEM, THE CLIPS SUPPORTING THE WEIGHT OF THE PANEL ARE INSERTED INTO KERF SAW CUTS AT THE EDGE OF THE PANEL AND AROUND ITS PERIMETER. THE KERF CUT IS OVERSIZED COMPARED TO THE CLIP TO ALLOW FOR THERMAL EXPANSION/CONTRACTION AS WELL AS MINOR SEISMIC MOVEMENT. WHILE THE PANEL CAN MOVE FREELY, IT IS STILL FIXED TO THE SUBSTRUCTURE DUE TO P404 ADHESIVE WHICH PROVIDES AN ELASTIC FIXING SOLUTION.

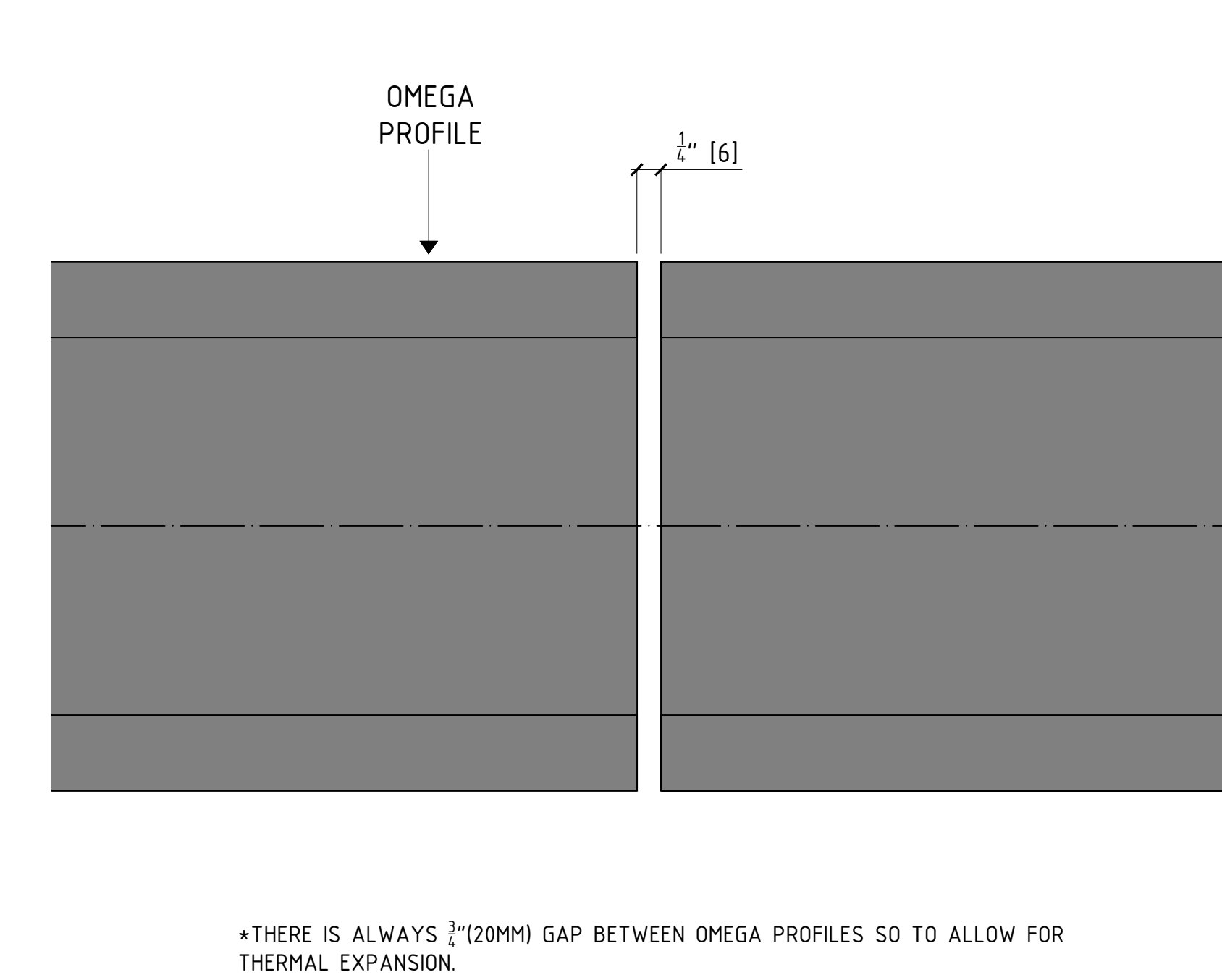


2 - VERTICAL LIVE LOAD DEFLECTION



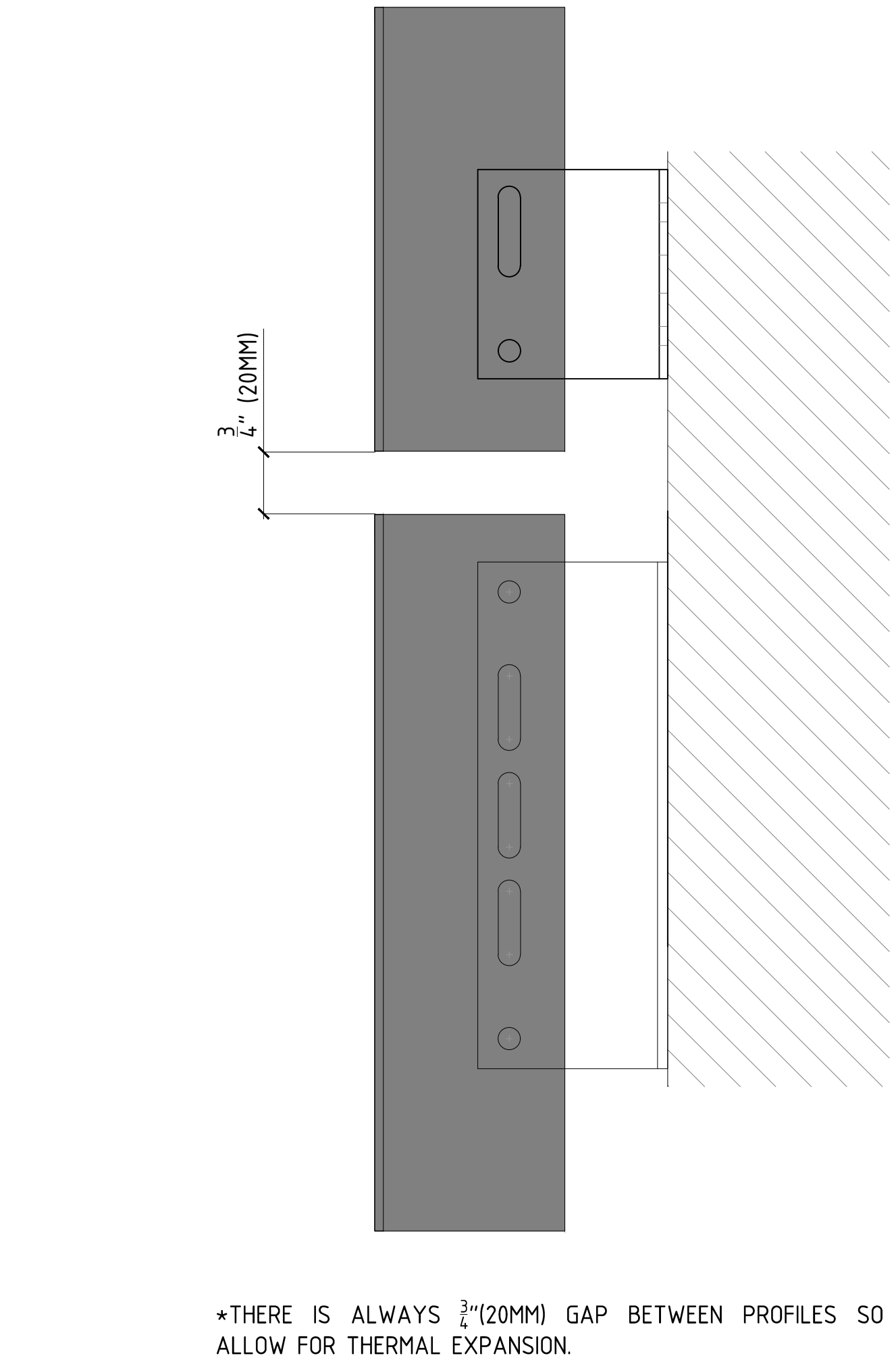
3 - MINIMUM SPACING BETWEEN OMEGA PROFILES

A MINIMUM SPACING AS NOTED BELOW IS REQUIRED BETWEEN OMEGA PROFILES TO ALLOW FOR EXPANSION / CONTRACTION OF ALUMINUM DUE TO TEMPERATURE CHANGES



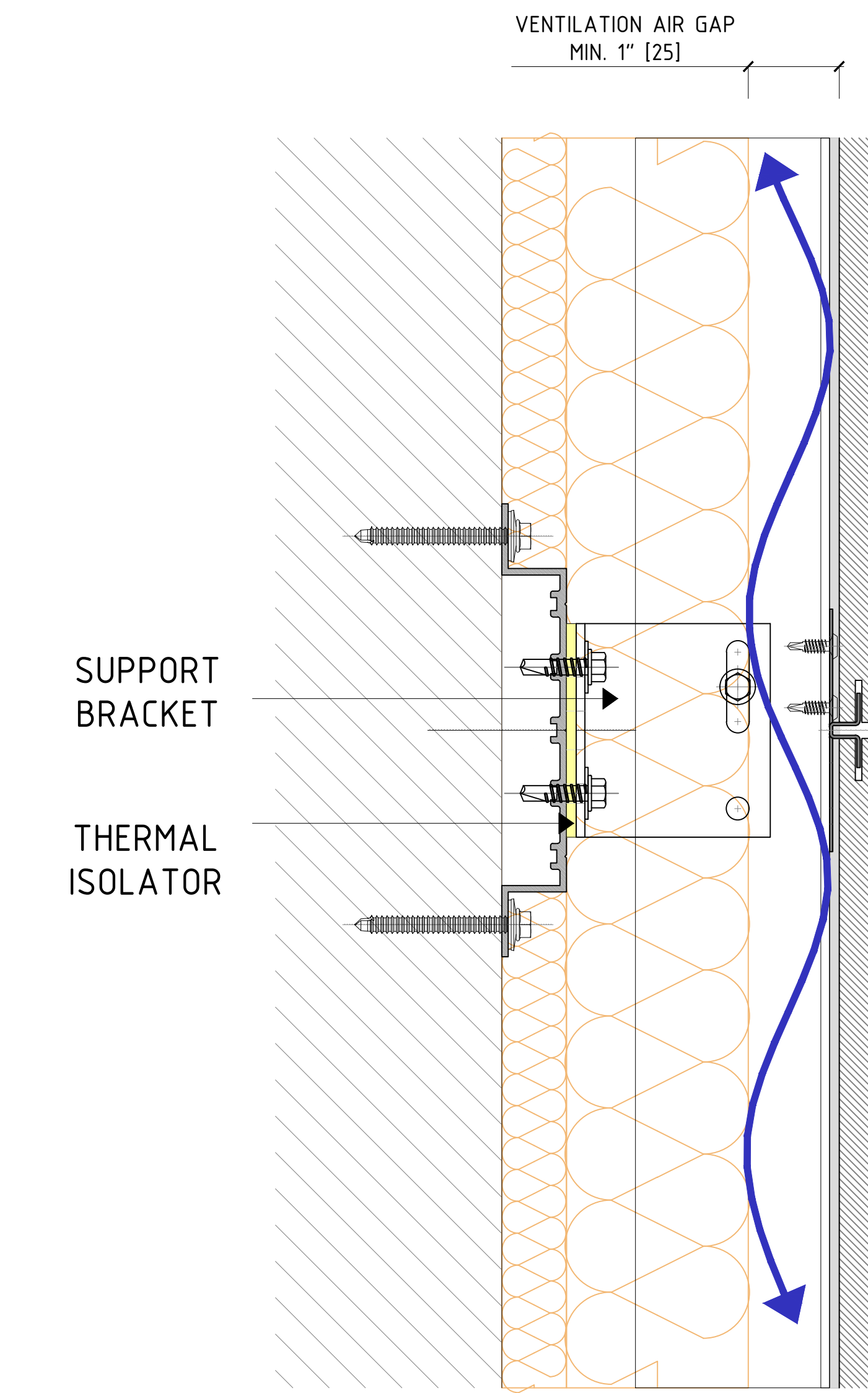
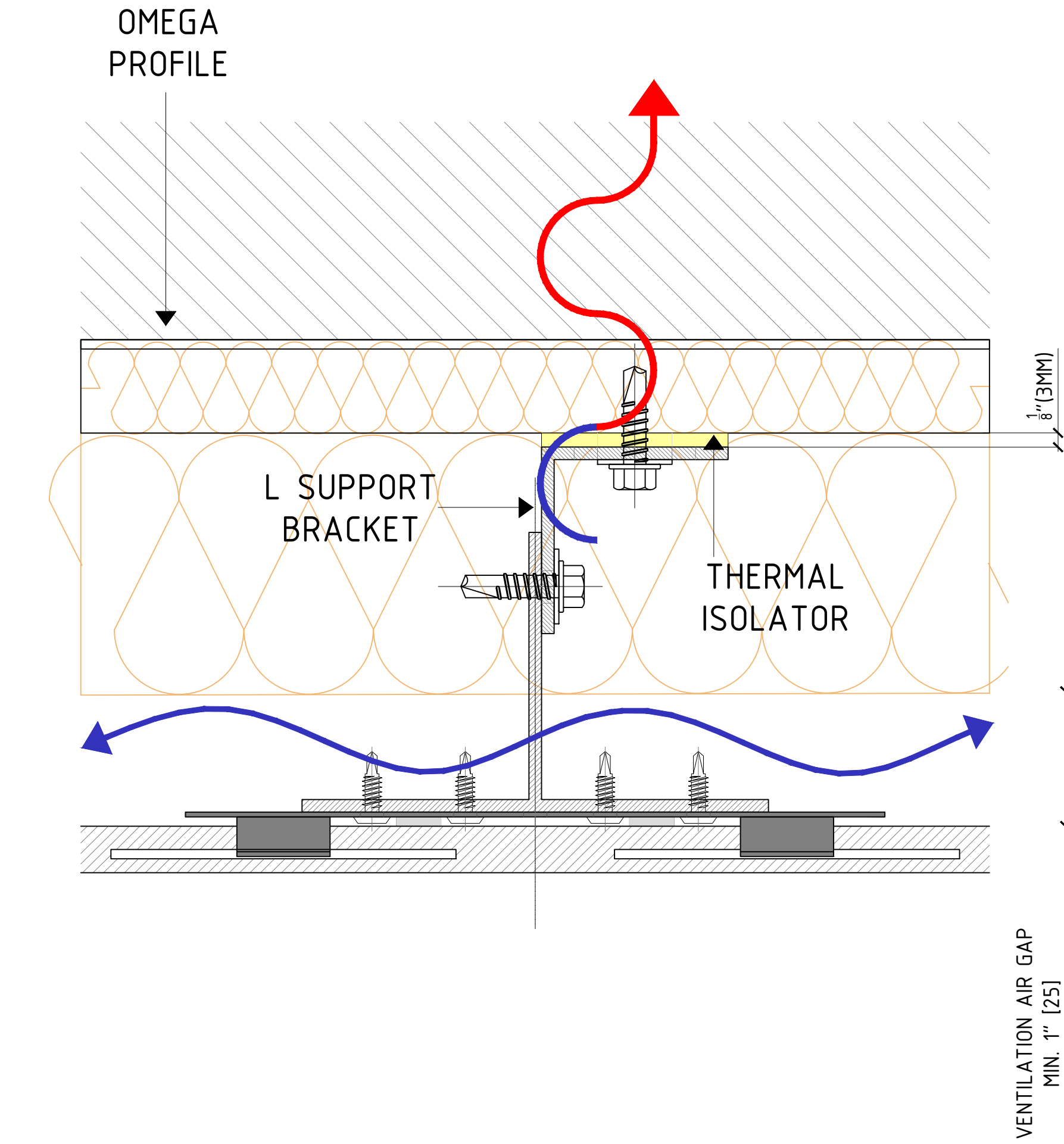
4 - MINIMUM SPACING BETWEEN VERTICAL PROFILE

TYPICALLY, THE LOWER END OF THE VERTICAL PROFILES IS WHERE EXPANSION / CONTRACTION WILL OCCUR. THEREFORE, A MINIMUM SPACING BETWEEN PROFILES IS NECESSARY TO ALLOW THIS.



5 - THERMALLY BROKEN CONTINUOUS INSULATED SYSTEM

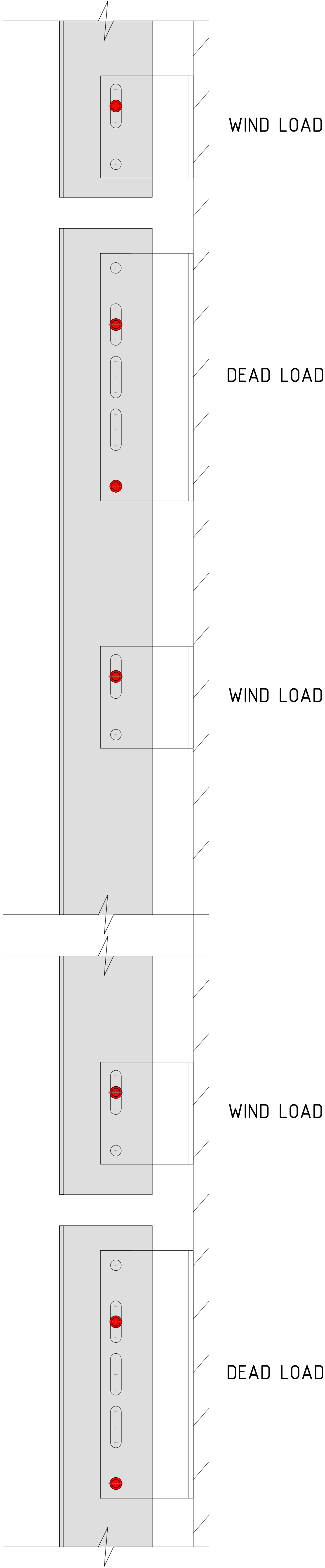
THERMAL ISOLATOR MAY BE PROVIDED FOR THERMAL BREAK. THEY ARE LOCATED IN BETWEEN OMEGA PROFILE AND L-BRACKETS (STUD WALL) OR IN BETWEEN SUBSTRATE AND L-BRACKETS (SOLID WALLS)



6 - VERTICAL PROFILES INSTALLATION

METHOD 1: VERTICAL PROFILES ARE INDEPENDENT OF EACH OTHER TO ALLOW FREE MOVEMENT

- *RECOMMENDED METHOD FOR HIGH RISE BUILDINGS & FOR SEISMIC ZONES
- *USE WHEN VERTICAL LIVE LOAD DEFLECTION IS NEEDED

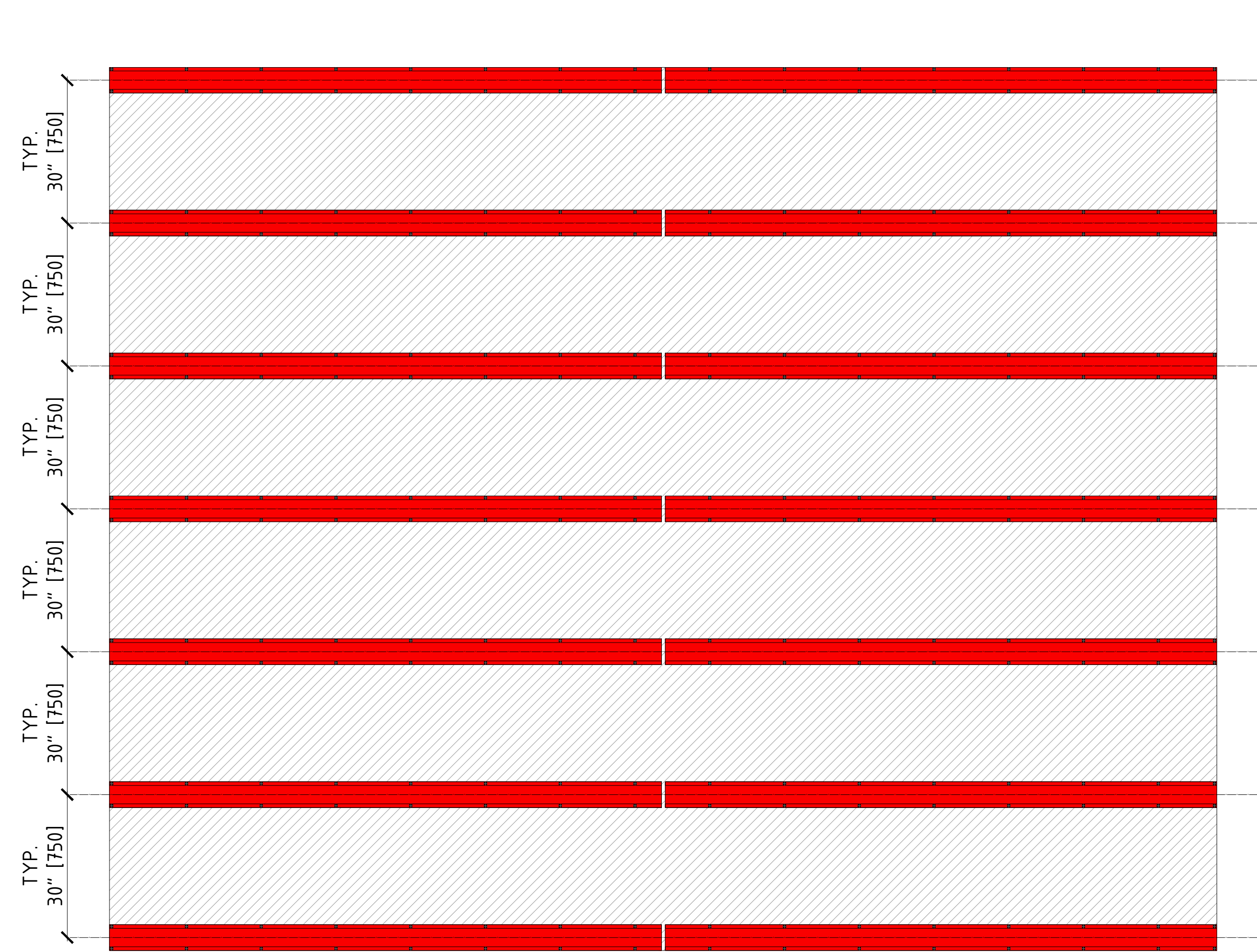


REVISIONS:		
DATE	REV.	DESCRIPTION

*NOTE THAT THE CORNER SOLUTION MAY VARY FOR EACH PROJECT.
PLEASE REFER TO PROJECT SUBSTRUCTURE DRAWINGS IF APPLICABLE.
IN ABSENCE OF PROJECT SPECIFIC DRAWINGS, THE CORNER SOLUTION TO BE USED IS AS SHOWN BELOW.

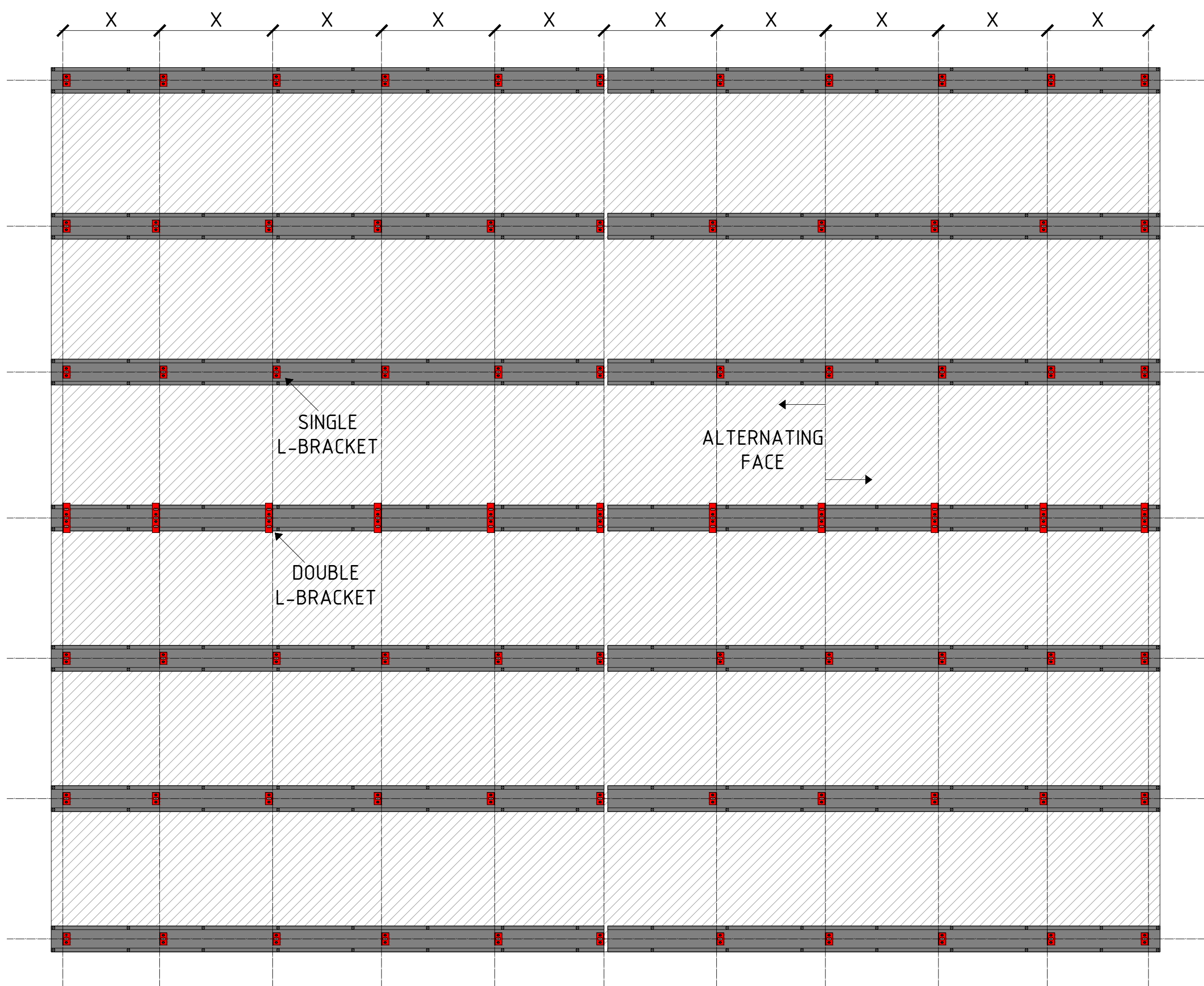


008	A
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STEP 1: OMEGA PROFILES

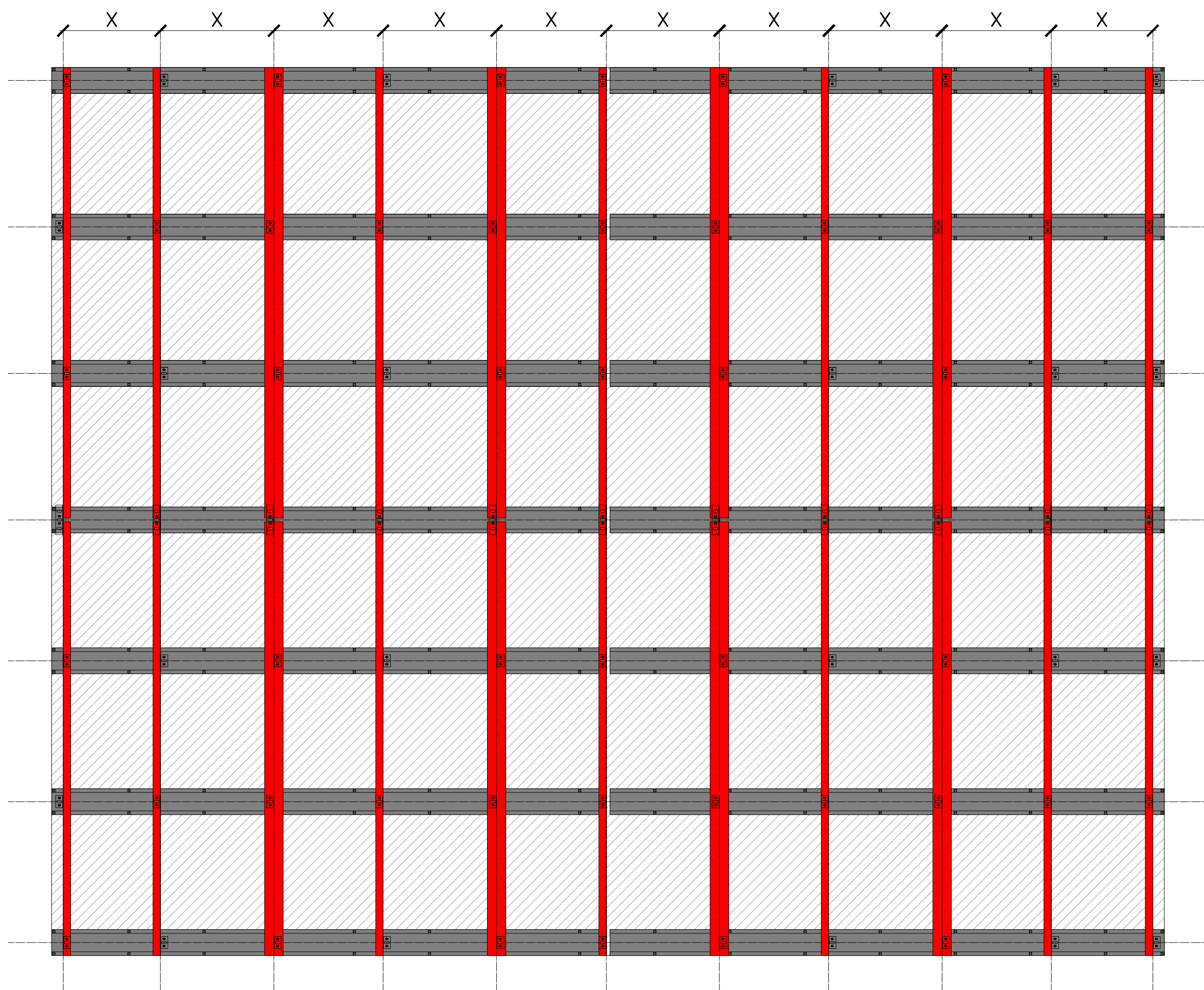
Omegas are installed at stud locations every 24-30" o/c vertically.



STEP 2: SUPPORT BRACKETS + THERMAL ISOLATORS

X= VARIES DEPENDING ON SPACING OF VERTICAL PROFILES

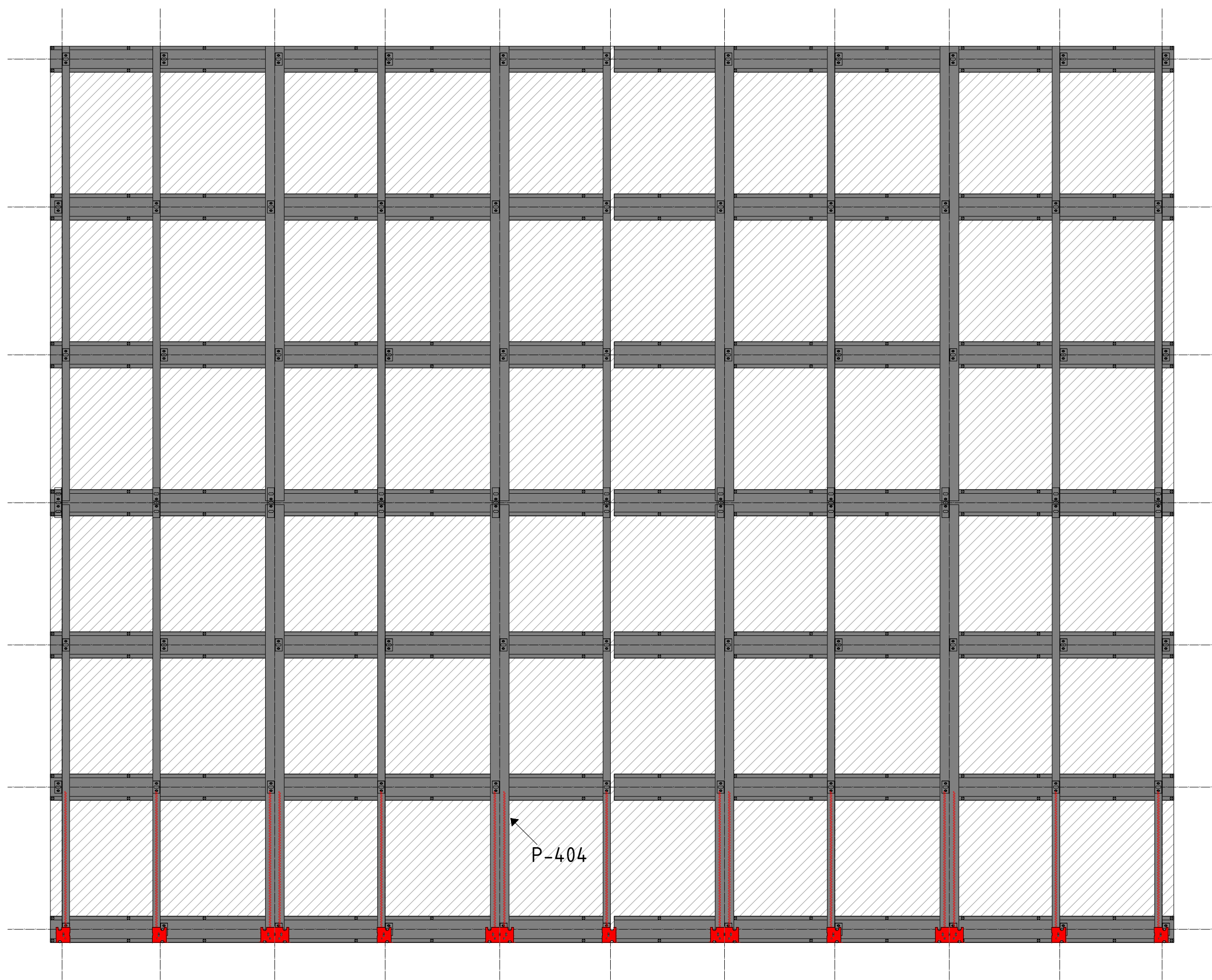
Thermal isolators and brackets are installed alternating face. The brackets are used to attach the vertical profiles to the main structure of the building.



STEP 3: VERTICAL PROFILES

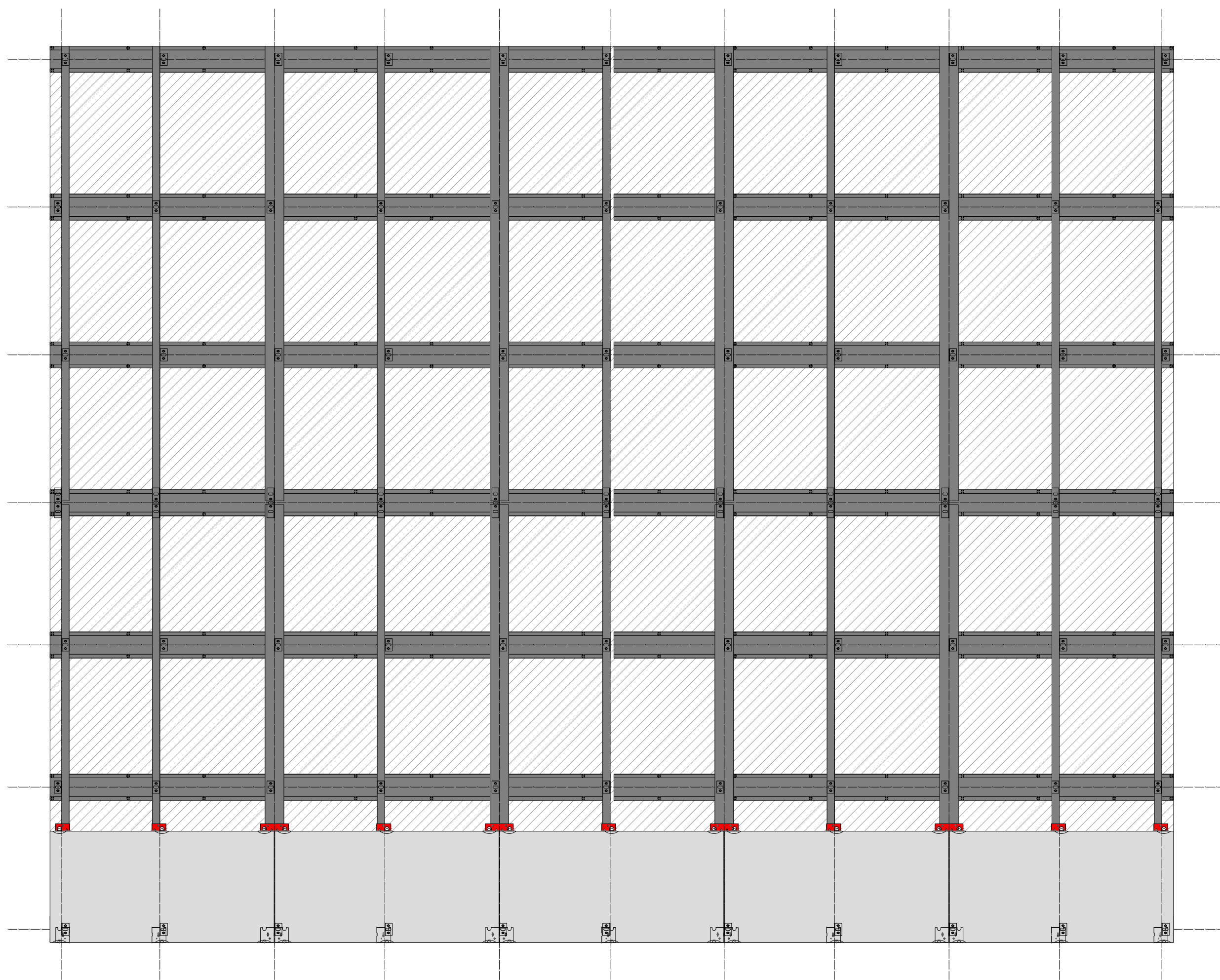
X= VARIES DEPENDING ON WIDTH OF PANEL

T profiles are always at vertical joints and L profiles at intermediary locations.

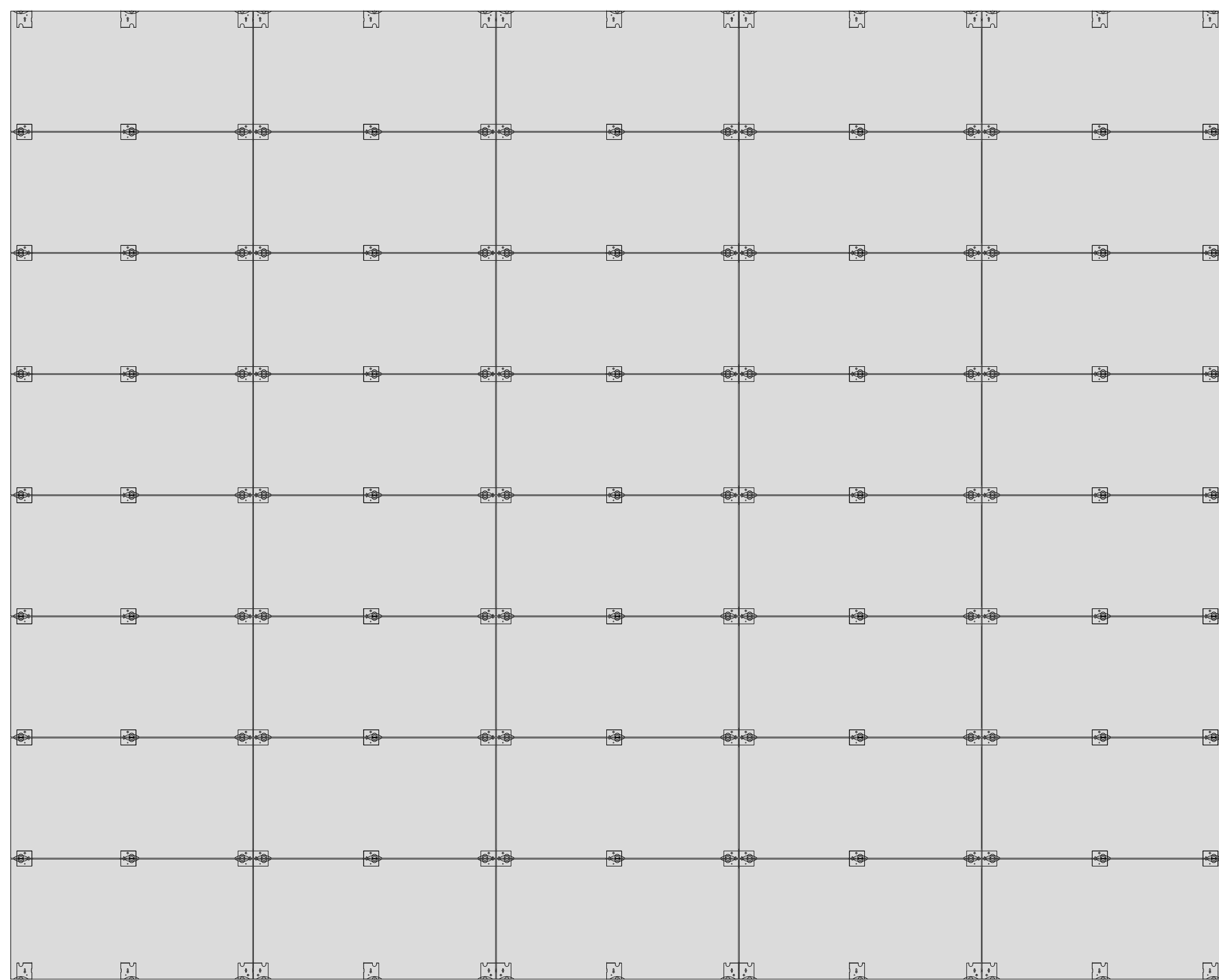


STEP 4: FIRST COURSE OF FIXING PLATES & P-404

Apply bottom row of fixing clips and adhesive (P404) to vertical profiles.



STEP 5: FIRST COURSE OF PANELS & FIXING PLATES



STEP 6: CONTINUE WITH COURSES

Use leveling wedges and crosses to keep panels in place during rest of installation and while construction adhesive cures.

PROJECT NAME:

-

ARCHITECT:

-

PROJECT NO:

00.000

STATUS:

-

PORCELANOSA FACADE/

IMPORTANT NOTES:

NOTE 1:

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NOTE 2:

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NOTE 3:

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NOTE 4:

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NOTE 5:

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REVISIONS:

DATE	REV.	DESCRIPTION

SHEET TITLE:

INSTALLATION STEP BY STEP

SCALE:

NTS

DRAWN BY:

-

CHECKED BY:

IV

SHEET NO:

009

REVISION:

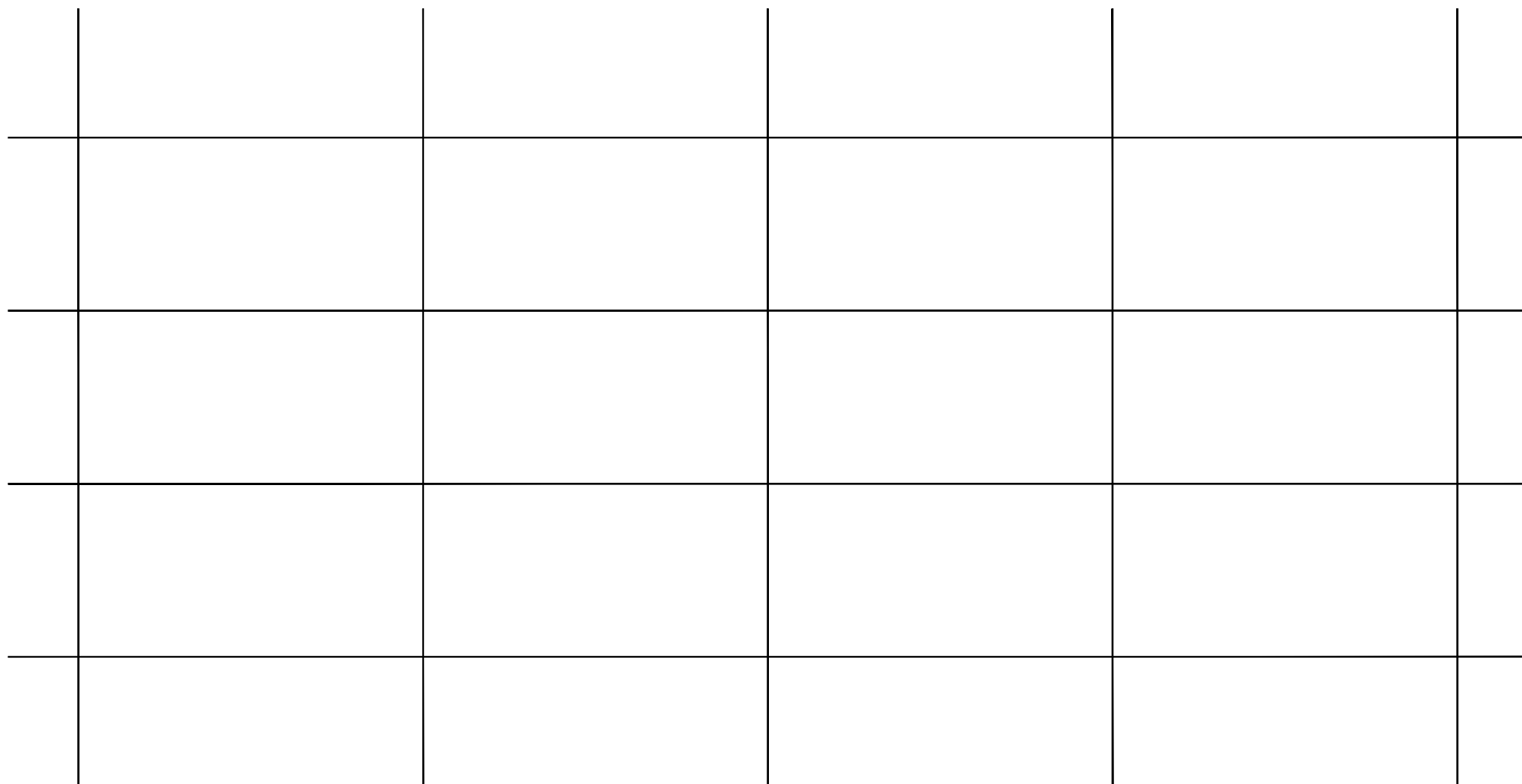
STACK PATTERN
(IN-LINE)

RUNNING BOND
(VERTICAL JOINT STAGGERED)

RUNNING BOND
(HORIZONTAL JOINT STAGGERED)

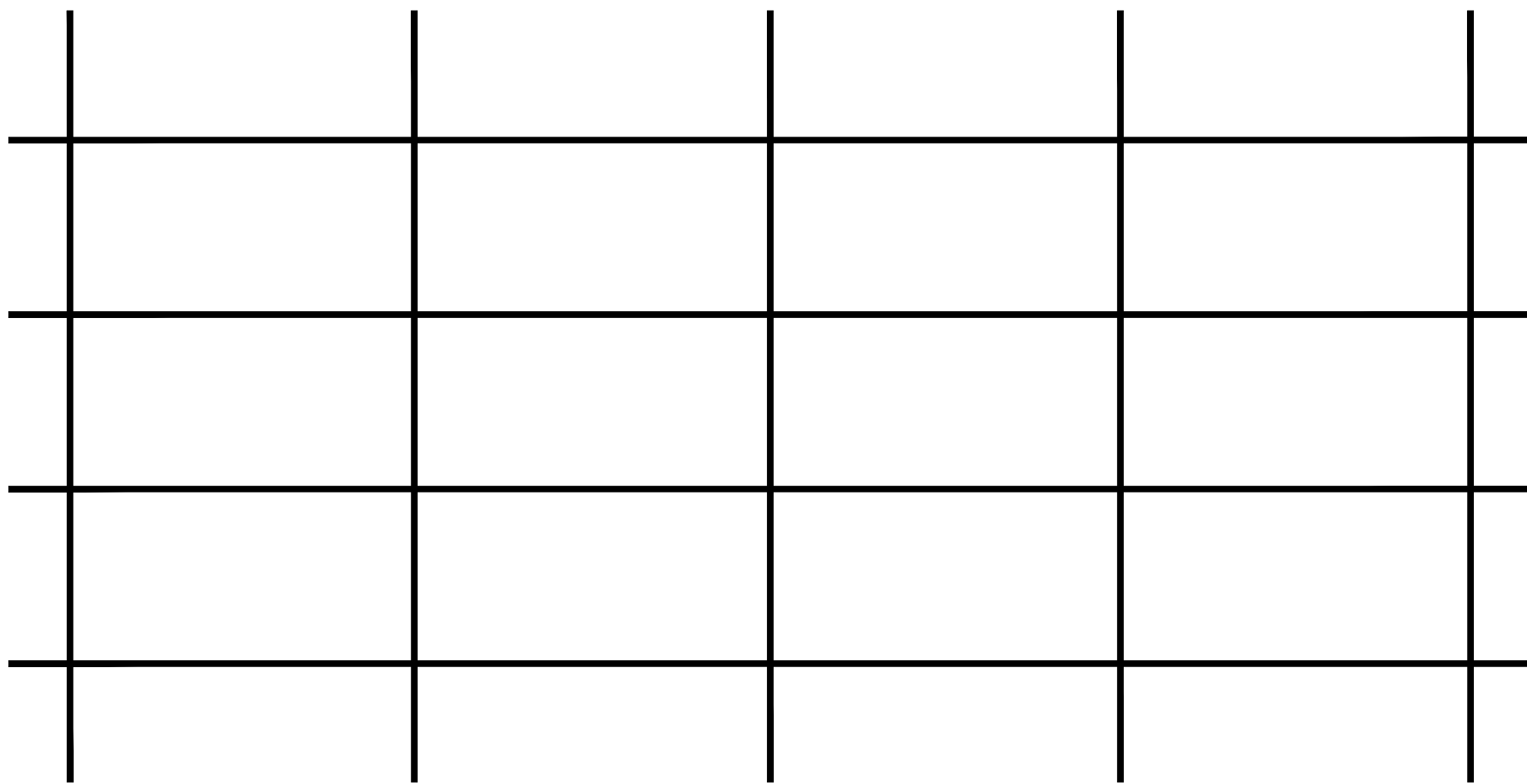
EQUAL-EQUAL

HORIZONTAL JOINT = $\frac{3}{16}$ " (5MM)
VERTICAL JOINT = $\frac{3}{16}$ " (5MM)



EQUAL-EQUAL

HORIZONTAL JOINT = $\frac{5}{16}$ " (8MM)
VERTICAL JOINT = $\frac{5}{16}$ " (8MM)



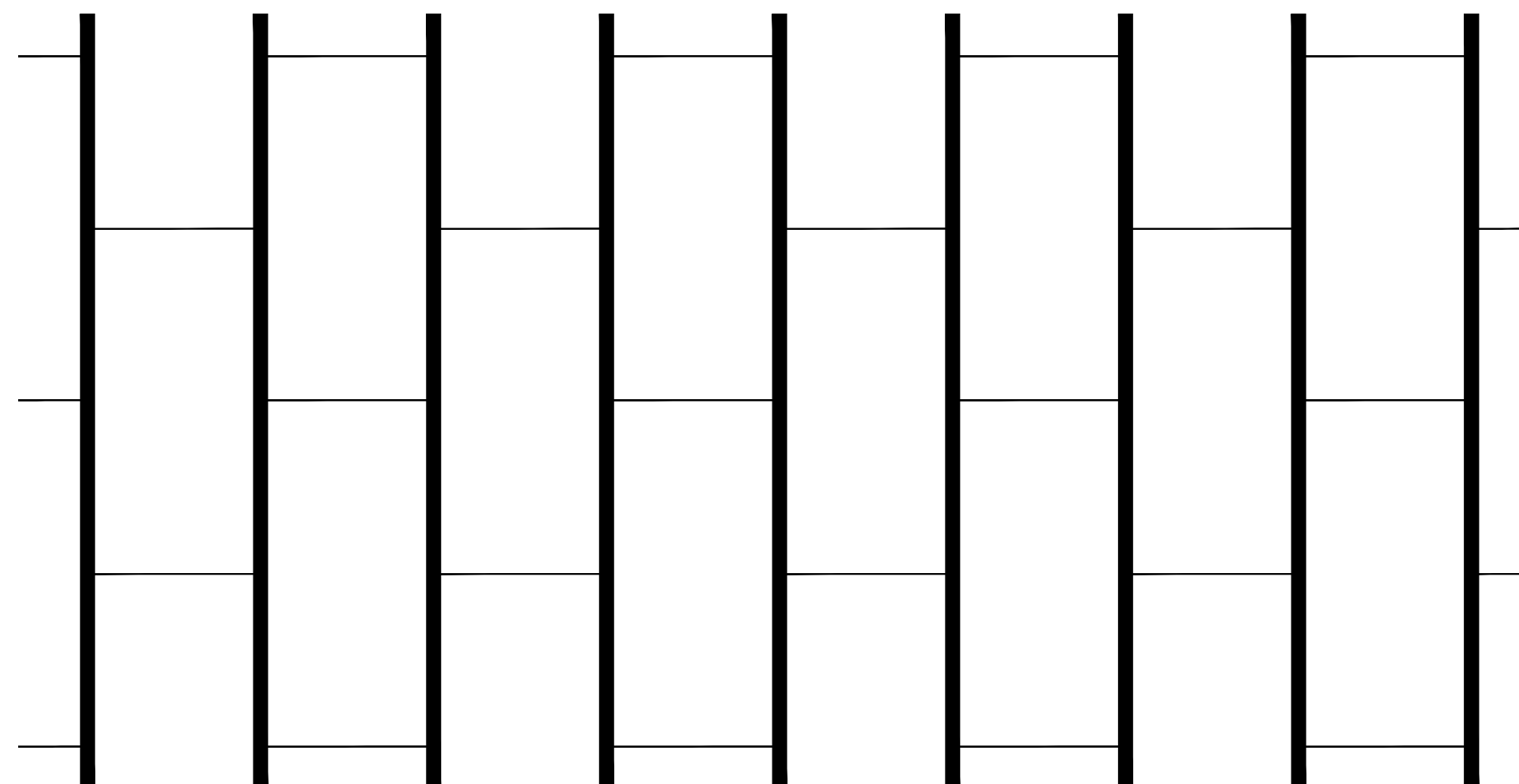
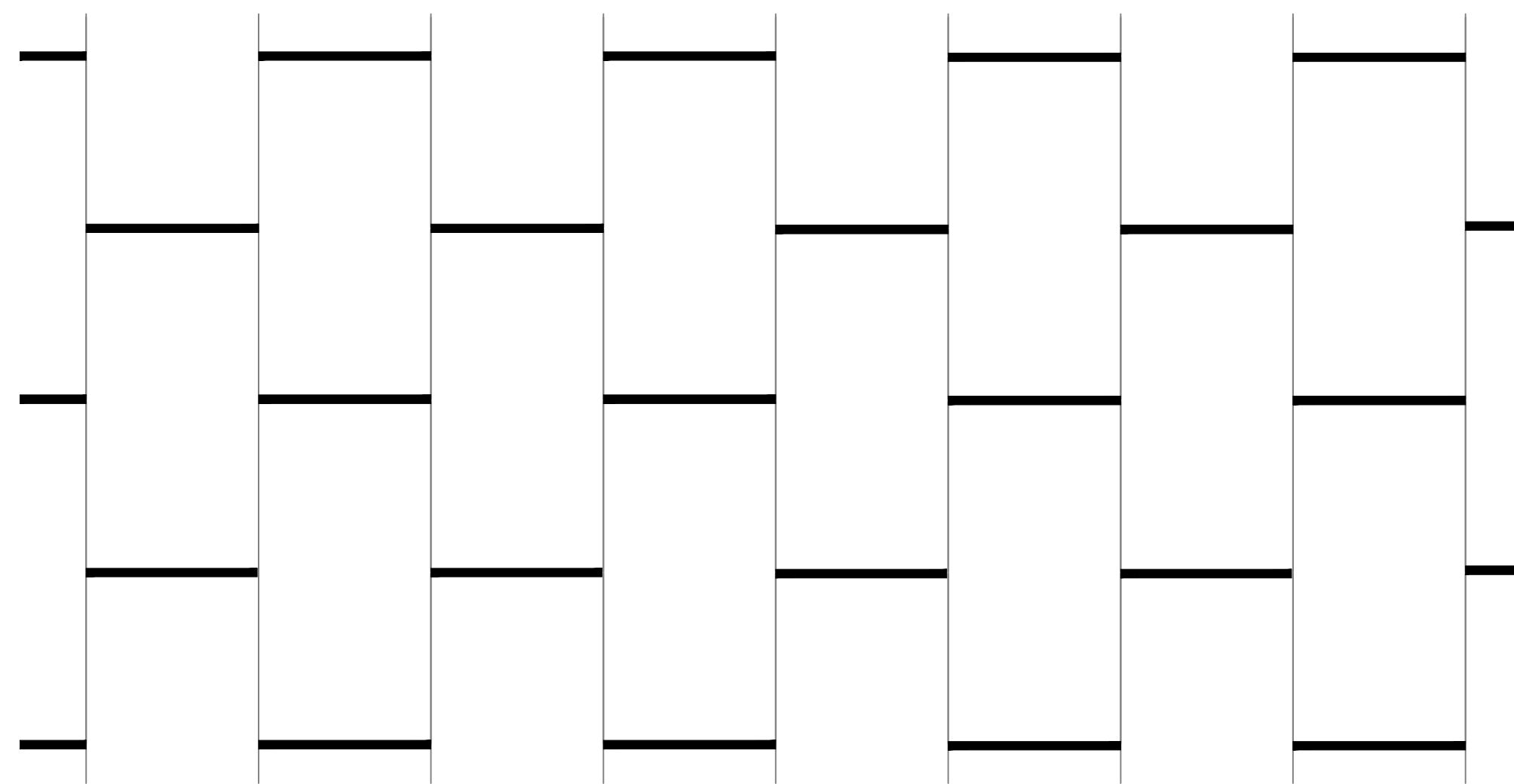
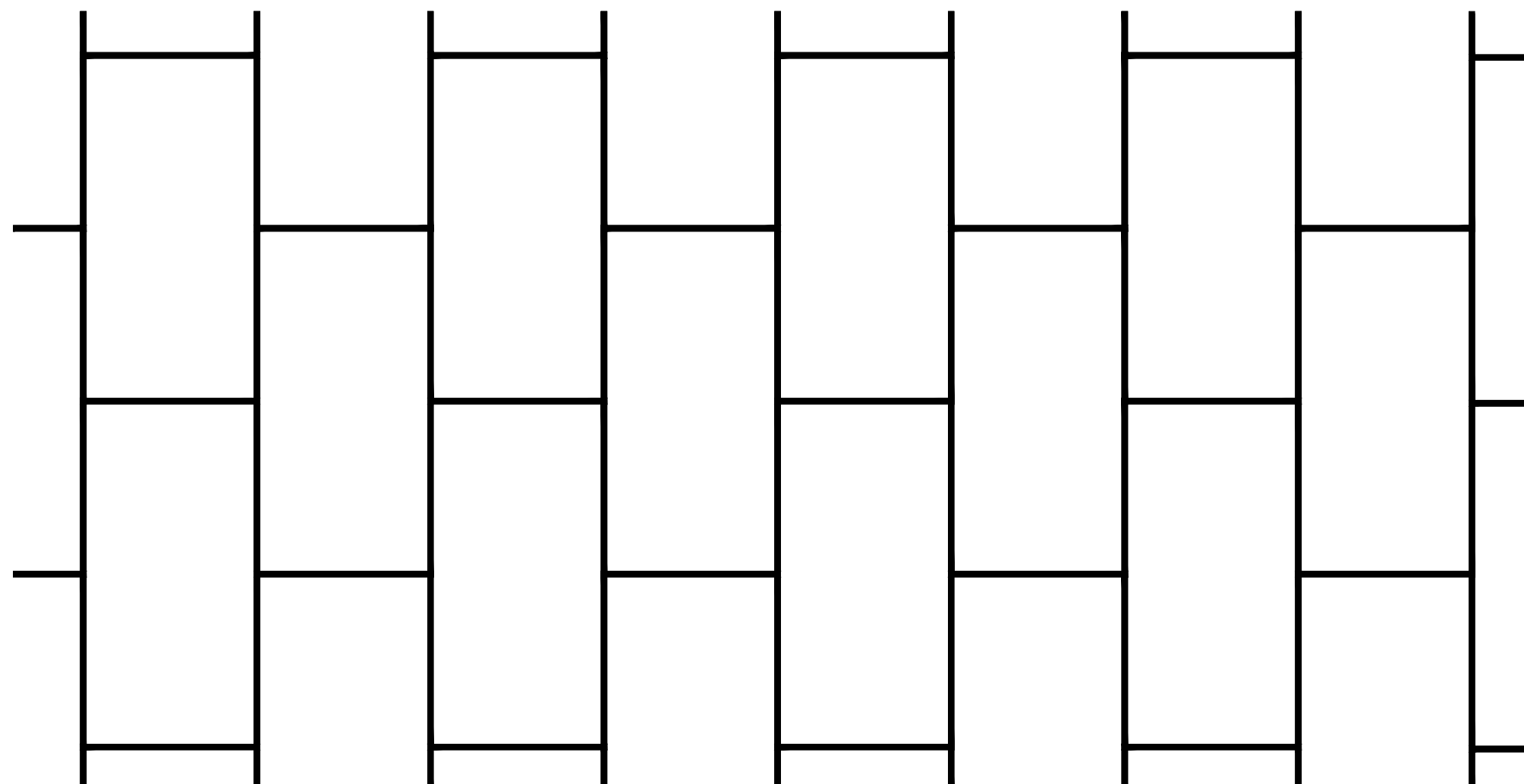
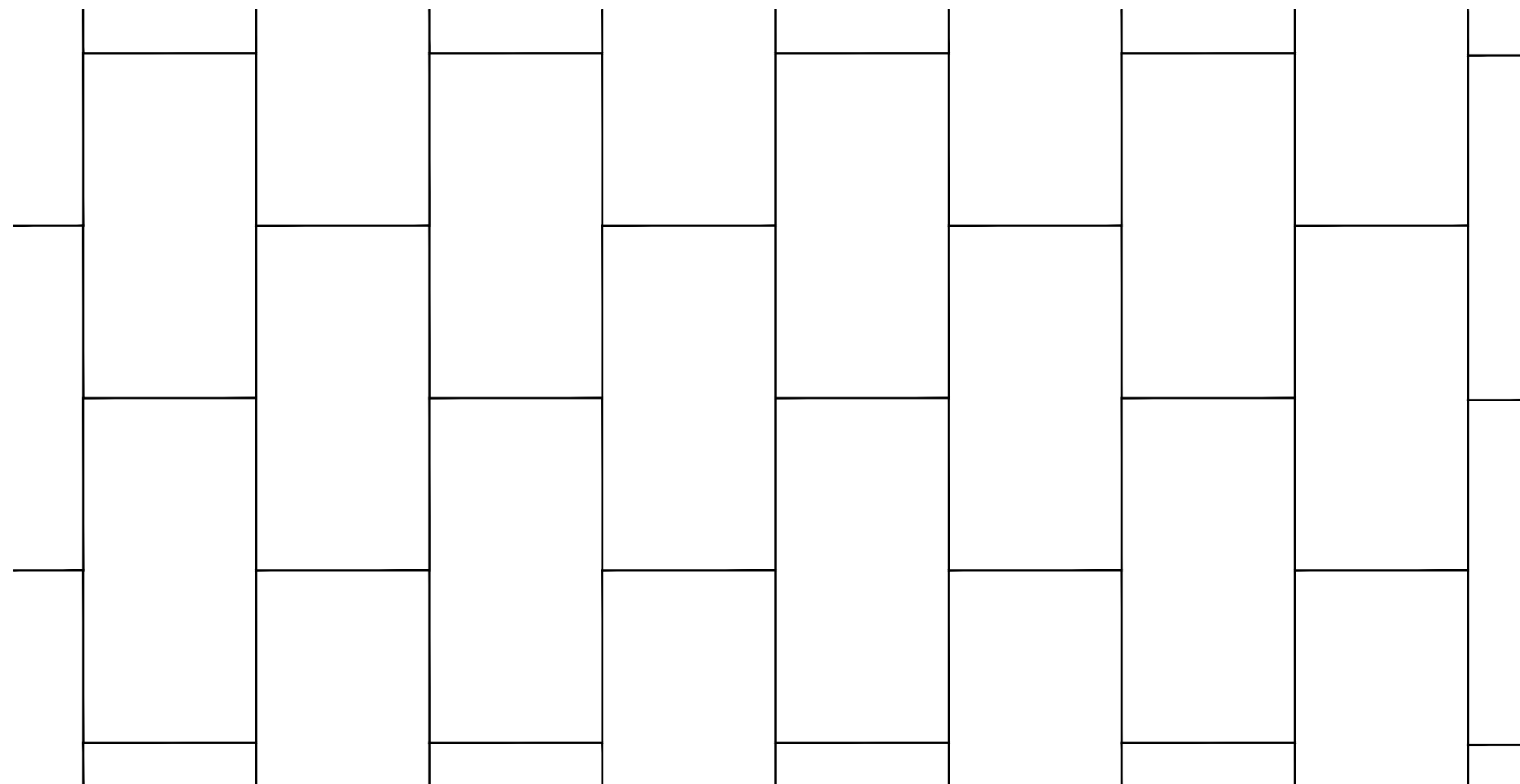
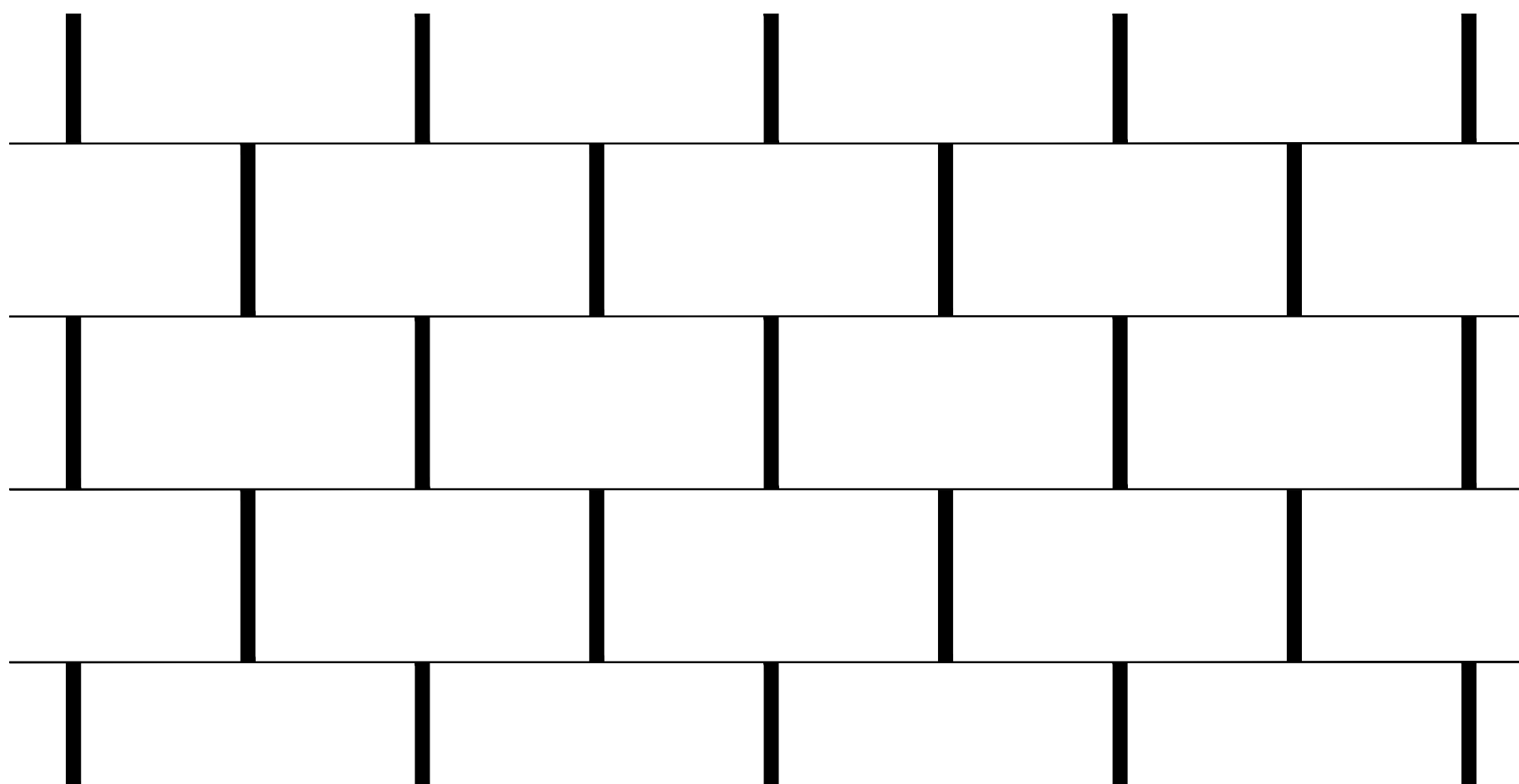
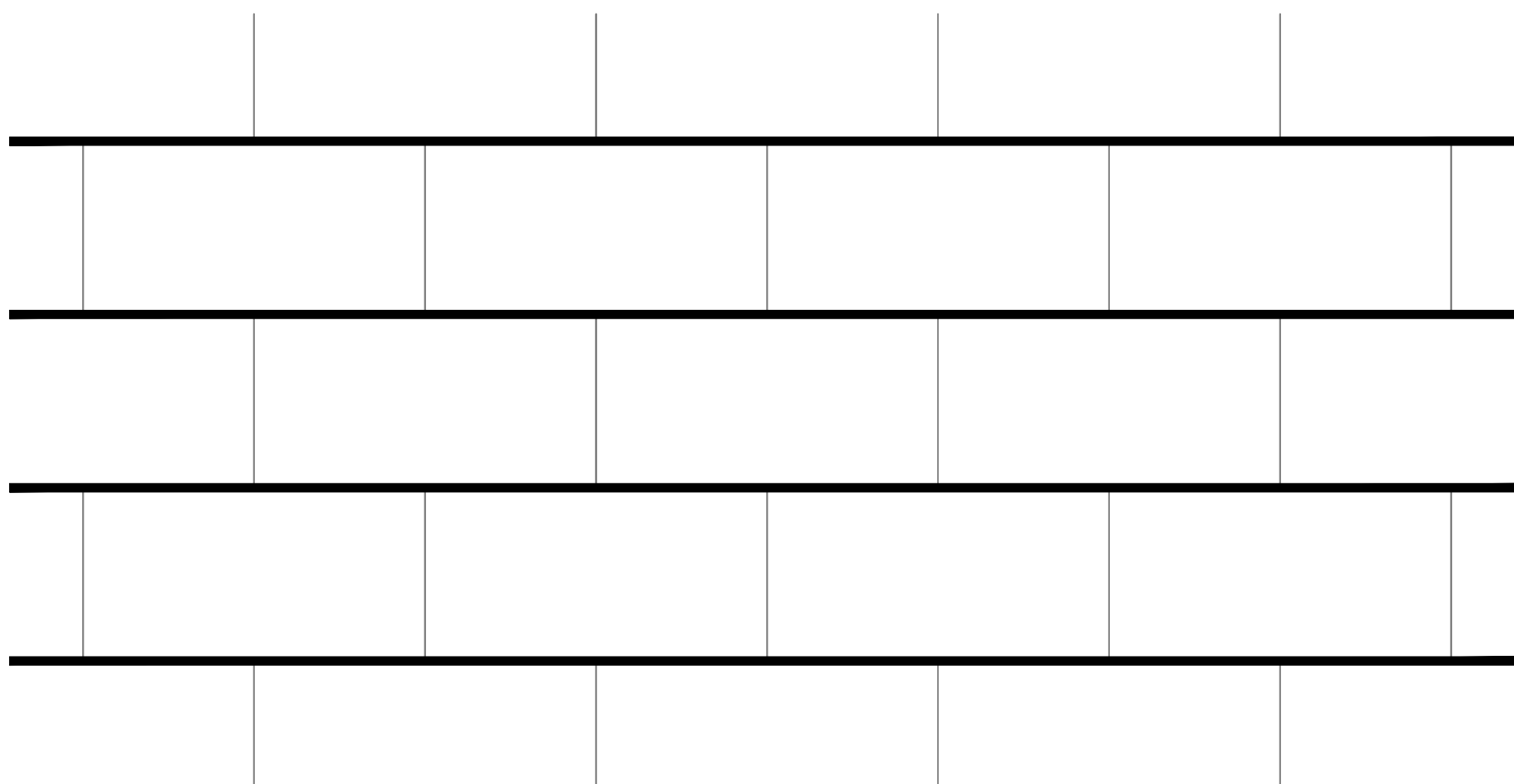
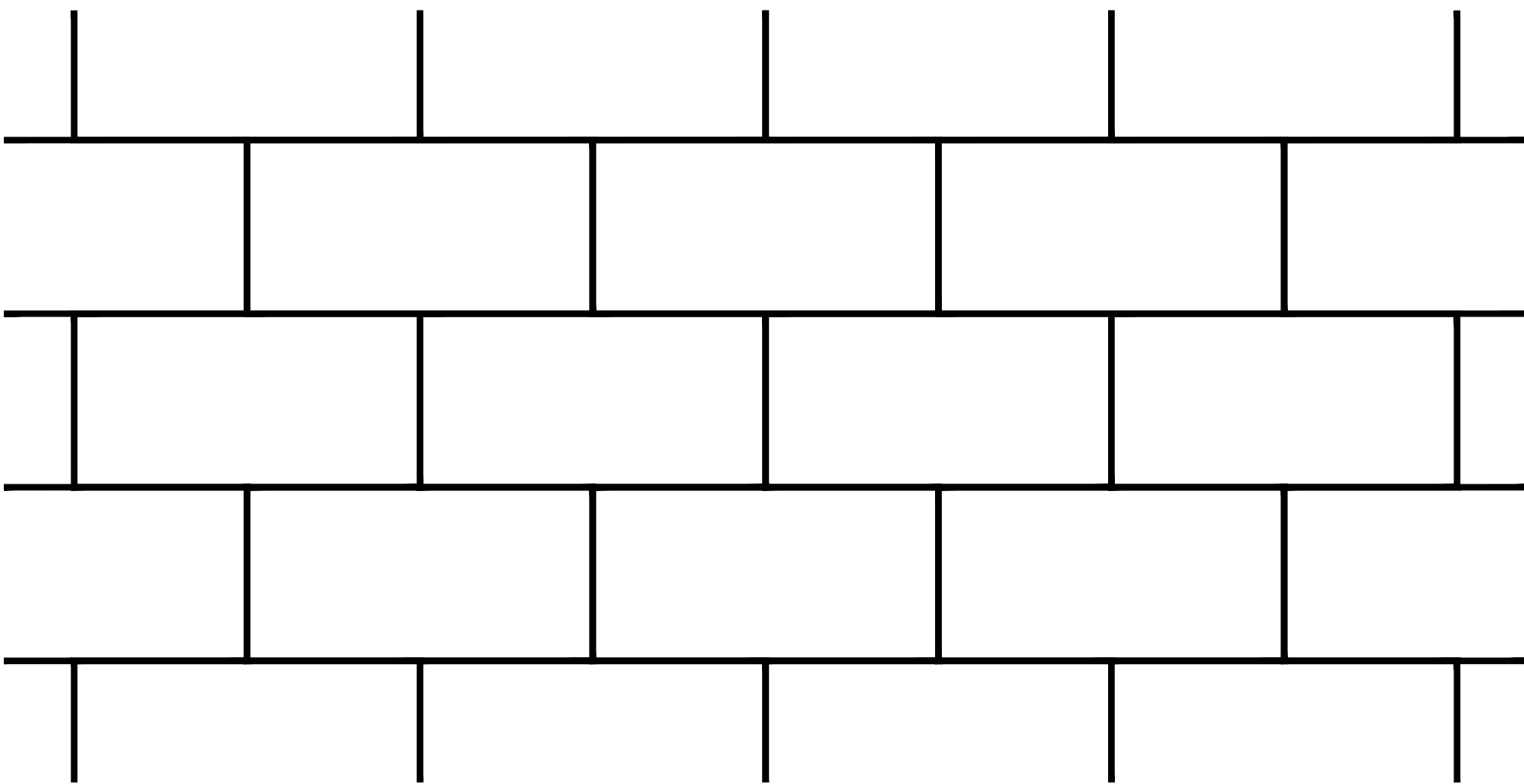
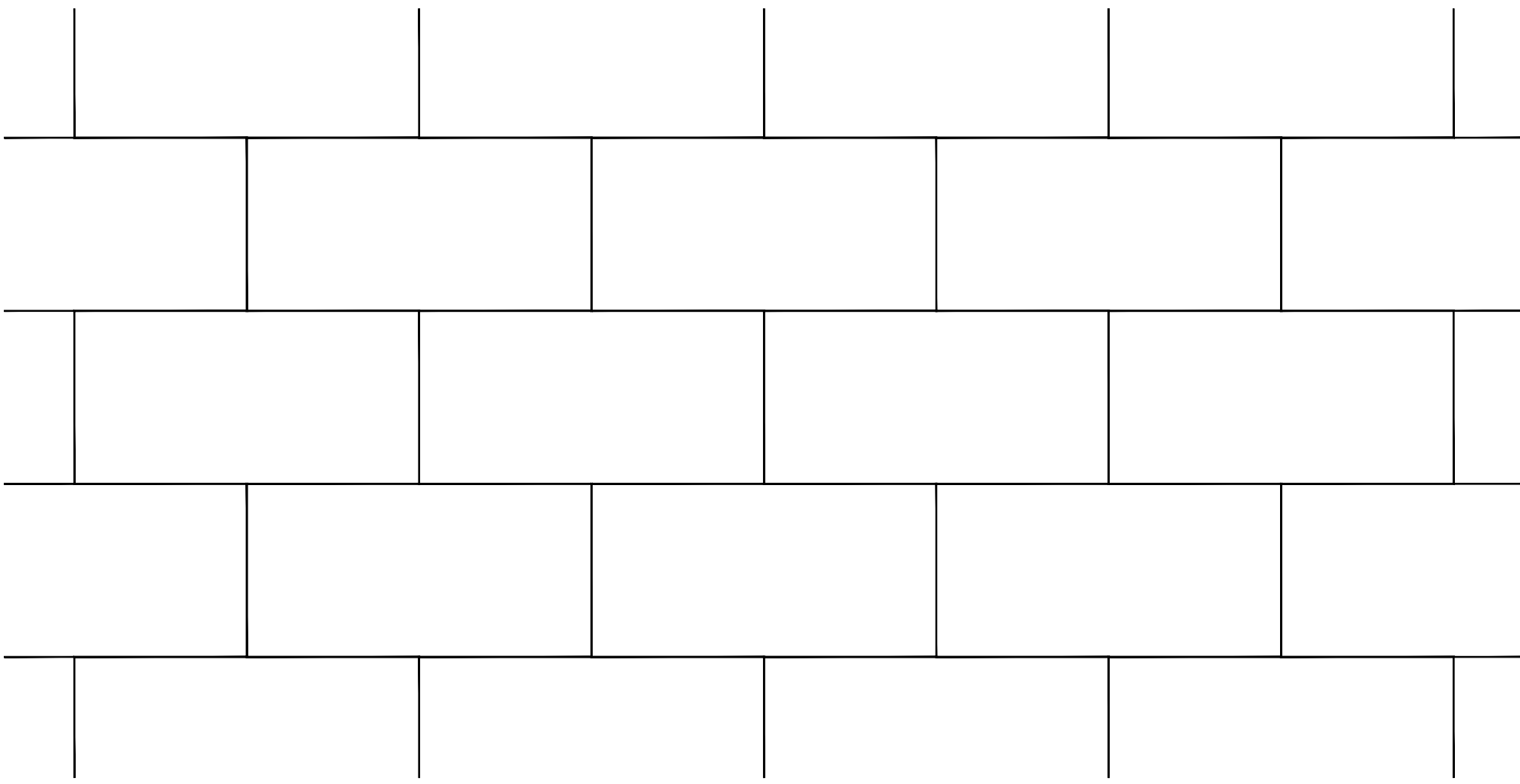
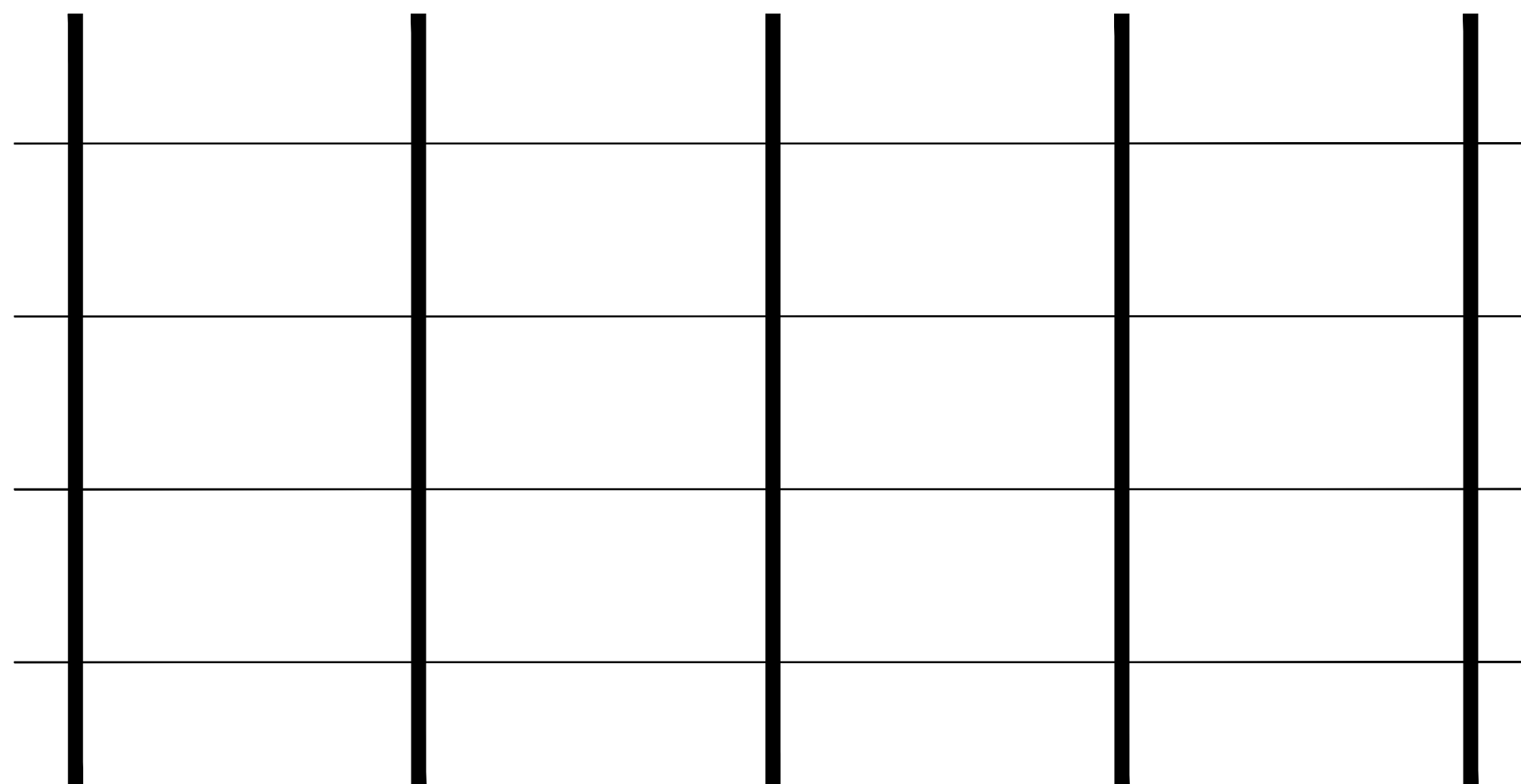
HORIZONTAL EMPHASIS

HORIZONTAL JOINT = $\frac{5}{16}$ " (8MM)
VERTICAL JOINT = $\frac{1}{16}$ " (2MM)



VERTICAL EMPHASIS

HORIZONTAL JOINT = $\frac{3}{16}$ " (5MM)
VERTICAL JOINT = $\frac{1}{2}$ " (20MM)



PROJECT NAME:

-

ARCHITECT:

-

PROJECT NO:

00.000

STATUS:

-

PORCELANOSA
FACADE/

IMPORTANT NOTES:

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REVISIONS:

DATE	REV.	DESCRIPTION

SHEET TITLE:

TYPICAL PANEL LAYOUTS

SCALE:

NTS

DRAWN BY:

-

CHECKED BY:

IV

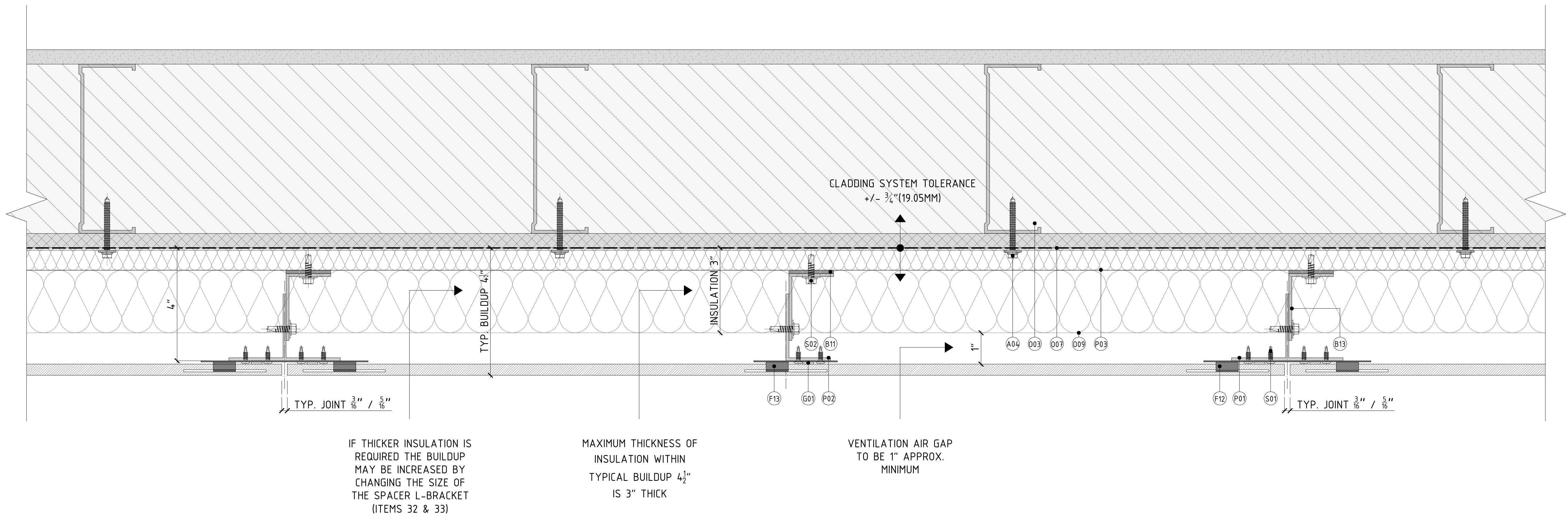
SHEET NO:

010

REVISION:

IMPORTANT NOTES:

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DETAIL A - TYP. PLAN DETAIL

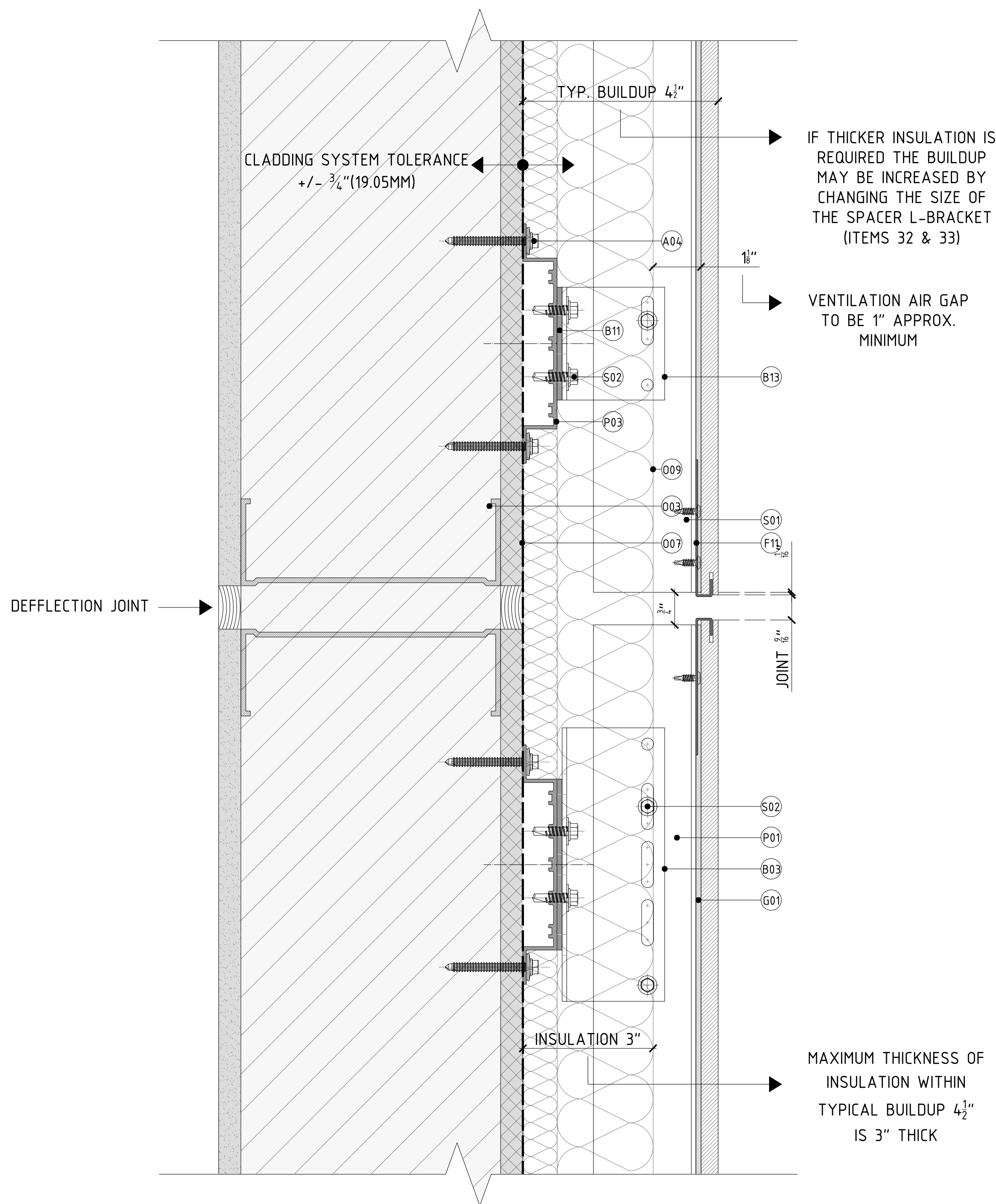
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH (MLT) & MAX
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
S02	STUD WALL 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
D07	DAMP-PROOF COARSE (DPC)
D08	WINDOW SYSTEM
D09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM ON THE OTHER
D10	ALUMINUM FLASHING
P01	VFS PROFILE T-SHIFT (DM)
P02	VFS PROFILE L-SHIFT (DM)
P03	VFS PROFILE DREGA-18FT (DM)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (DNL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

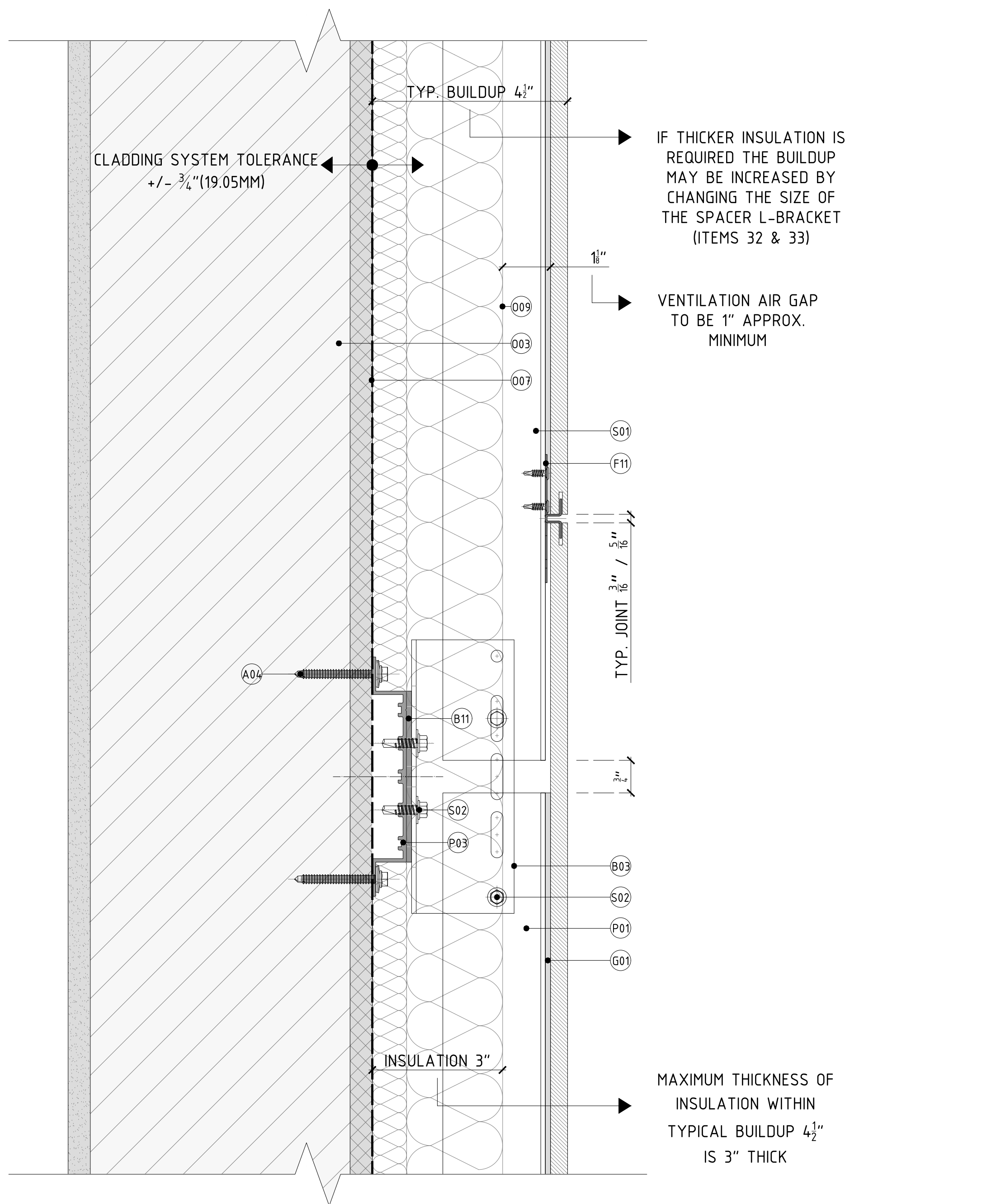
SHEET TITLE:
TYPICAL HORIZONTAL
SECTION

SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

IMPORTANT NOTES:
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DETAIL A - TYP. WALL SECTION W/ DEFLECTION JOINT (INDEPENDENT SYSTEM)



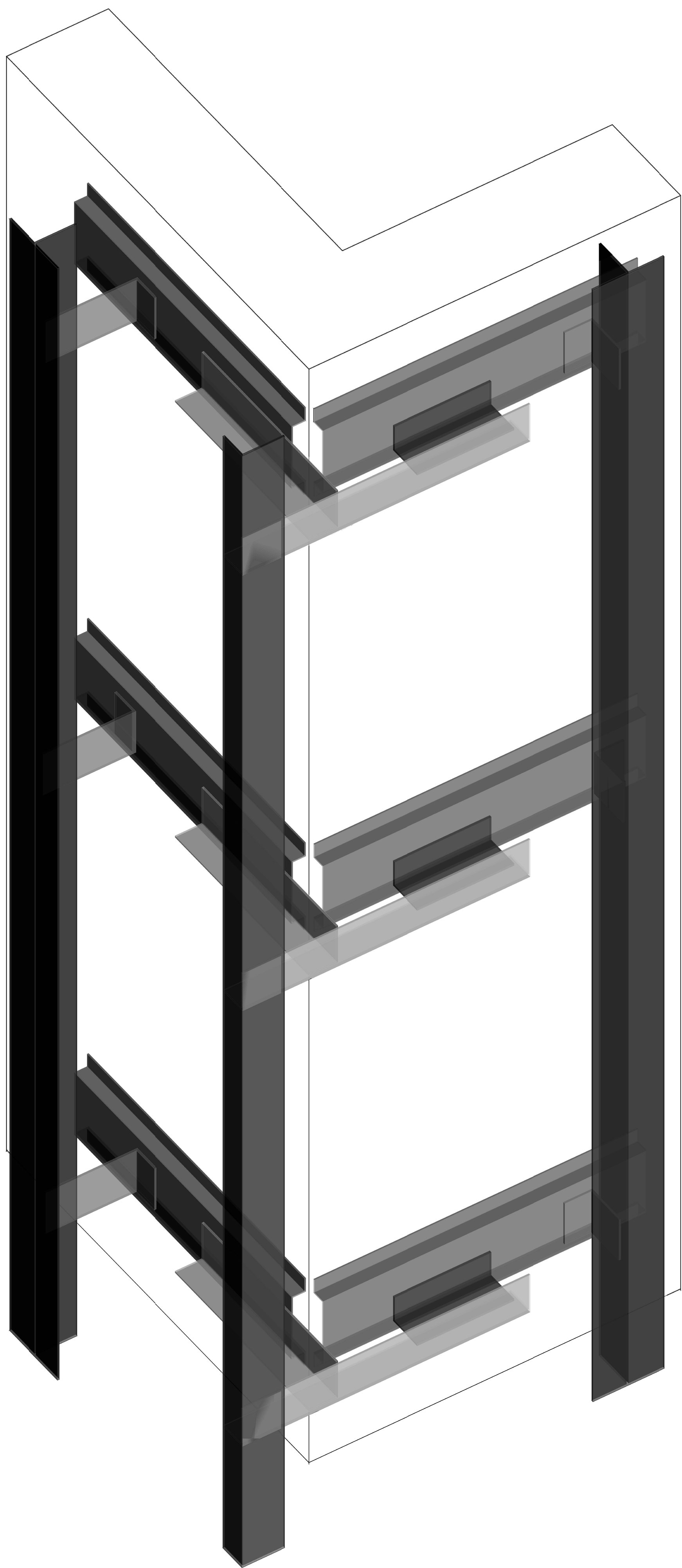
DETAIL B - TYP. WALL SECTION W/OUT DEFLECTION JOINT (CONTINUOUS SYSTEM)

CODE	ITEM DESCRIPTION:
A00	VFS ANCH METAL STUD SHEATH HLT & WAS
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F01	VFS FIXING DEPTH 15MM START/END BL
F02	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F03	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
S01	STUD WALL 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
S07	DAMP-PROOF COARSE (DPC)
S08	WINDOW SYSTEM
S09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
S10	ALUMINUM FLASHING
S11	VFS PROFILE T-SHFT (TM)
S12	VFS PROFILE L-SHFT (TM)
S13	VFS PROFILE DREGA 18FT (TM)
S14	VFS SCREW FIXING PLATE
S15	VFS SCREW PROFILES T/L (INCL WASHER)

DATE	REV	DESCRIPTION

SHEET TITLE:
TYPICAL VERTICAL
SECTION

SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

602

IMPORTANT NOTES:

PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

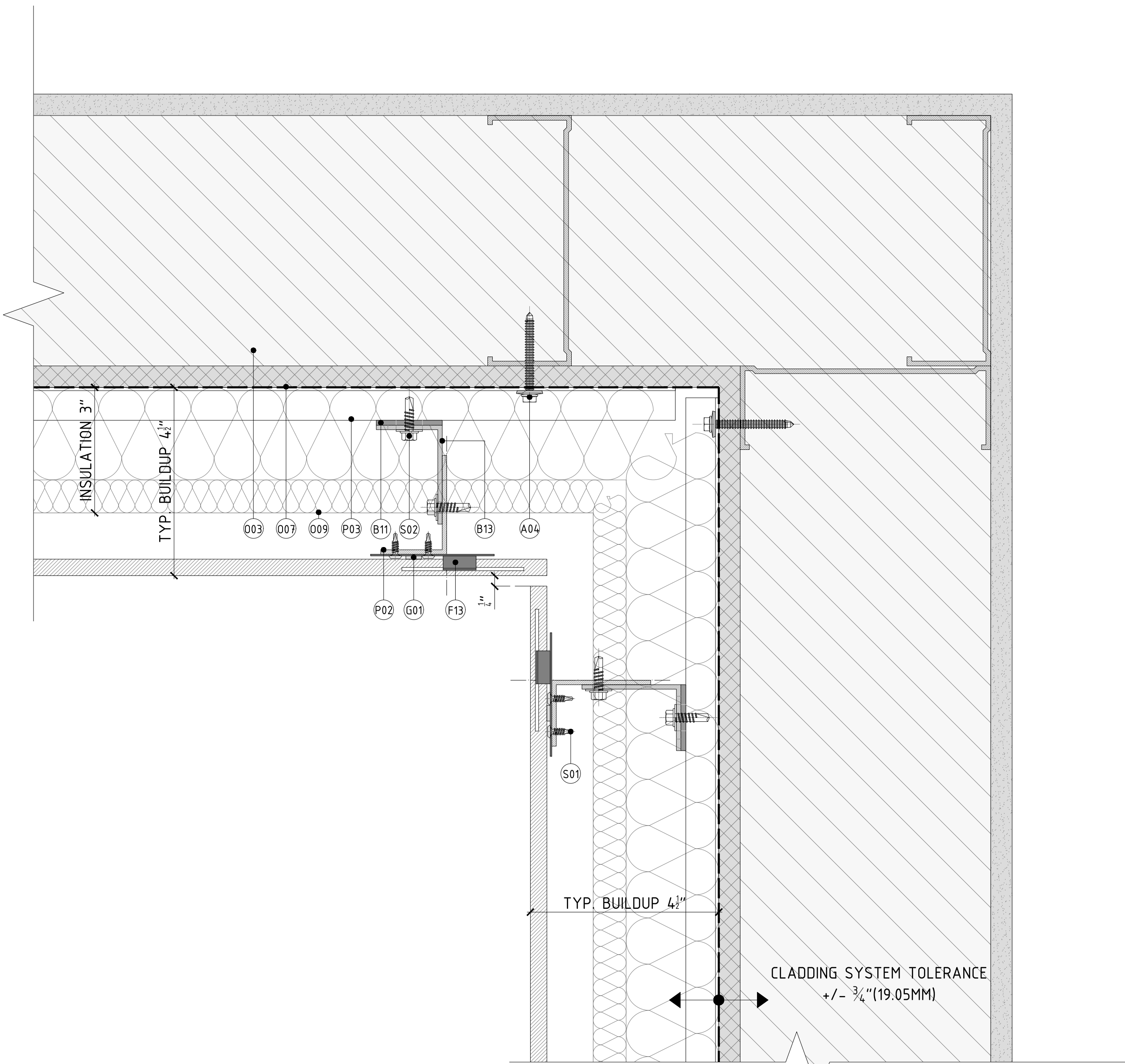
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & WAS
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
G03	STUD WALL 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 50FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

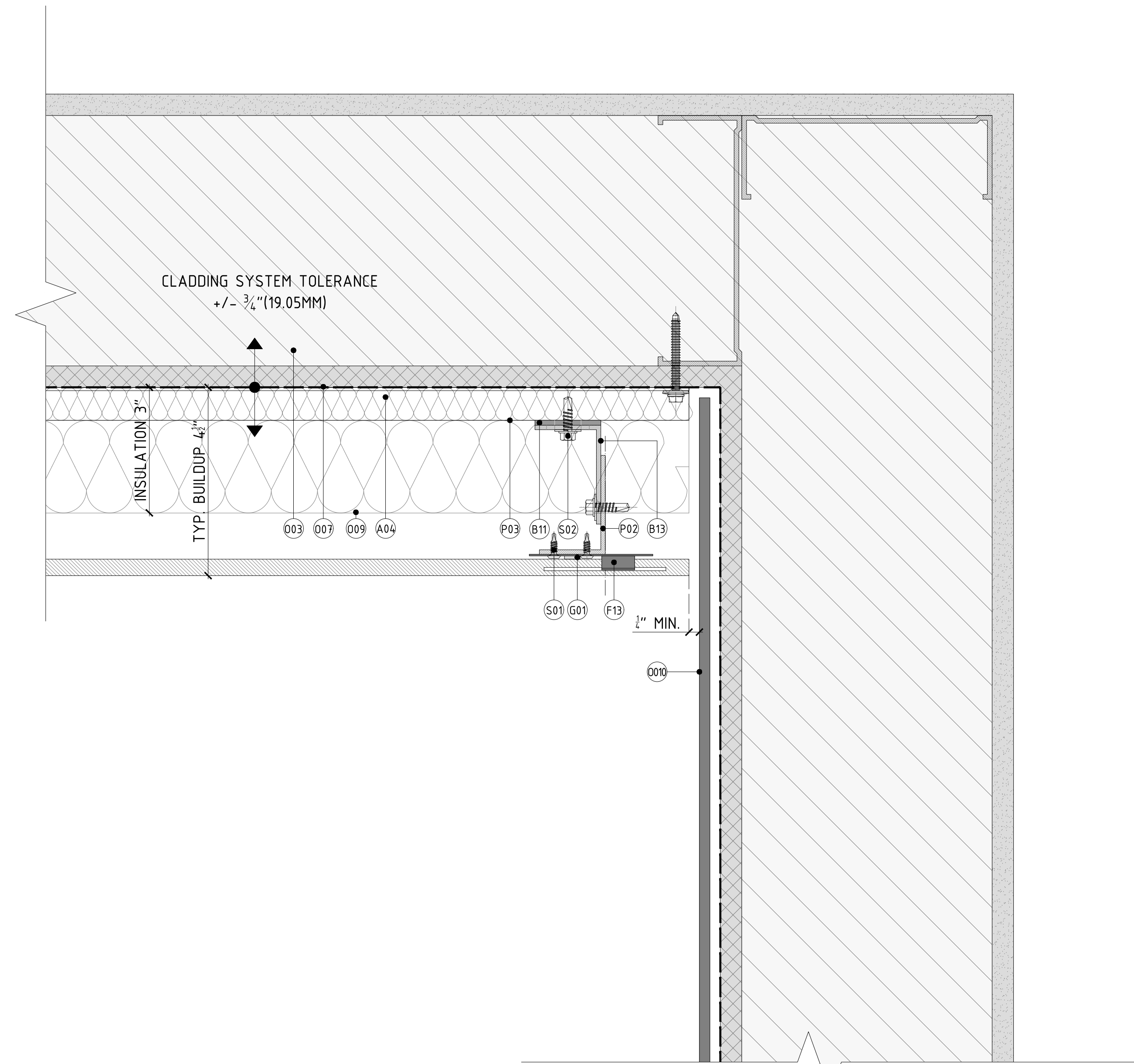
SHEET TITLE:
INSIDE CORNER

SCALE:
HALF SIZE @ARCH D 3"=1'-0" @ARCH C

SHEET NO: REVISION:

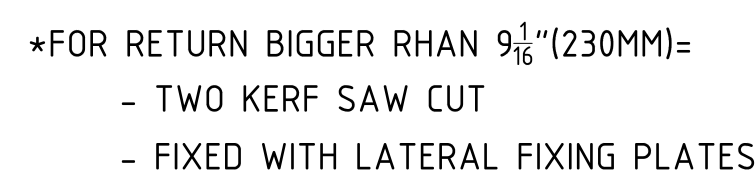


DETAIL A - TYP. INSIDE CORNER DETAIL



DETAIL B - TYP. TERMINATION DETAIL AGAINST OTHER MATERIAL

PLEASE NOTE, THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.



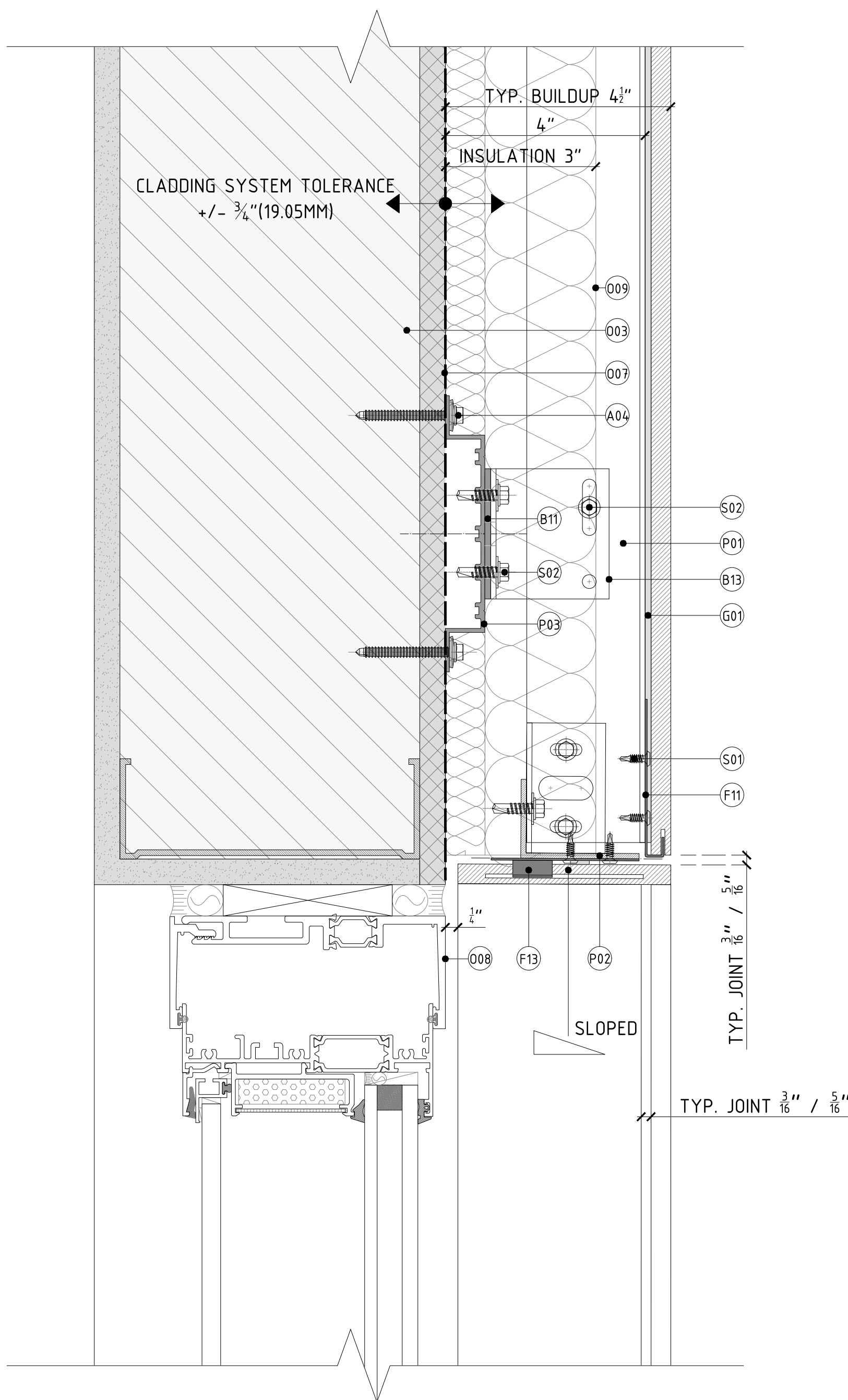
CODE:	ITEM DESCRIPTION:
A04	VKS ANCH METALSTUD SHEATH HLT1 & WAS
B05	VKS THERMAL BRIDGE V7 DOUBLE BRACKETS
B03	VKS DOUBLE L-BRACKET 2.4*76L (60MM)
B11	VKS THERMAL BRIDGE V7 SINGLE BRACKET
B13	VKS SINGLE L-BRACKET 2.4*76L (60MM)
F11	VKS FIXING DEPTH 75MM STARTING BL
F12	VKS FIXING DEPTH 75MM JOINT 3/16" CE BL
F13	VKS FIXING DEPTH 75MM JOINT 3/16" CE BL
G03	STUD 5/16" X 16GA, 8" O/C STEEL STUDS - SINGLE GYPSUM SHEATHING
D07	DAMP-PROOF COARSE DPCI
008	WINDOW SYSTEM
009	THERMAL INSULATION SPECIALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM ON THE OUTSIDE
010	ALUMINUM FLASHING.
P01	VKS PROFILE T 10FT (3M)
P02	VKS PROFILE L 10FT (3M)
P03	VKS PROFILE OMEGA 10FT (3M)
S01	VKS SCREW FIXING PLATE
S02	VKS SCREW FIXING PLATES 7/16" (10MM WASHER)

DATE	REV.	DESCRIPTION

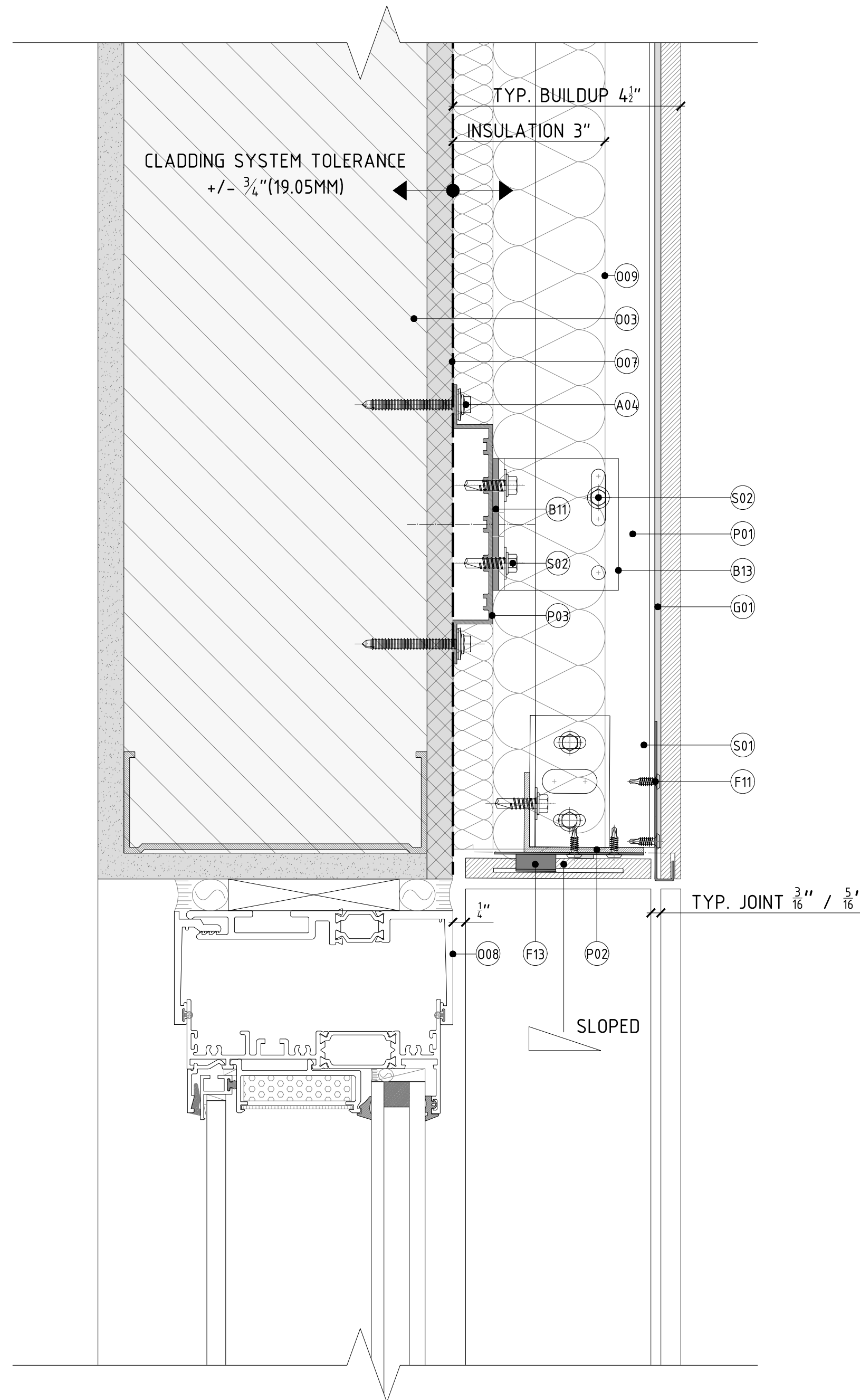
WINDOW JAMB RETURN
WITH PORCELAIN PANEL

SHEET NO:	REVISION
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IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HEREIN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.



DETAIL A - TYP. HEAD DETAIL W/PANEL RETURN



DETAIL B - TYP. HEAD DETAIL W/PANEL RETURN

CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH MULTI & MAX
B01	VFS THERMAL BRIDGE 1/8\"
B03	VFS THERMAL BRIDGE 1/8\"
B03	VFS DOUBLE L-BRACKET 2-6/16\"
B11	VFS THERMAL BRIDGE 1/8\"
B13	VFS SINGLE L-BRACKET 2-6/16\"
F11	VFS FIXING DEPTH 75MM START/END BL
F12	VFS FIXING DEPTH 75MM JOINT 3/16\"
F13	VFS FIXING DEPTH 75MM JOINT 3/16\"
G03	STUD WALL 6\"x6GA 16\" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (10)
P02	VFS PROFILE L 10FT (10)
P03	VFS PROFILE DREGA 10FT (10)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

DATE	REV	DESCRIPTION

SHEET TITLE:
WINDOW HEAD RETURN
WITH PORCELAIN PANEL

SCALE:
HALF SIZE @ARCH D 3\"/>

SHEET NO: REVISION:

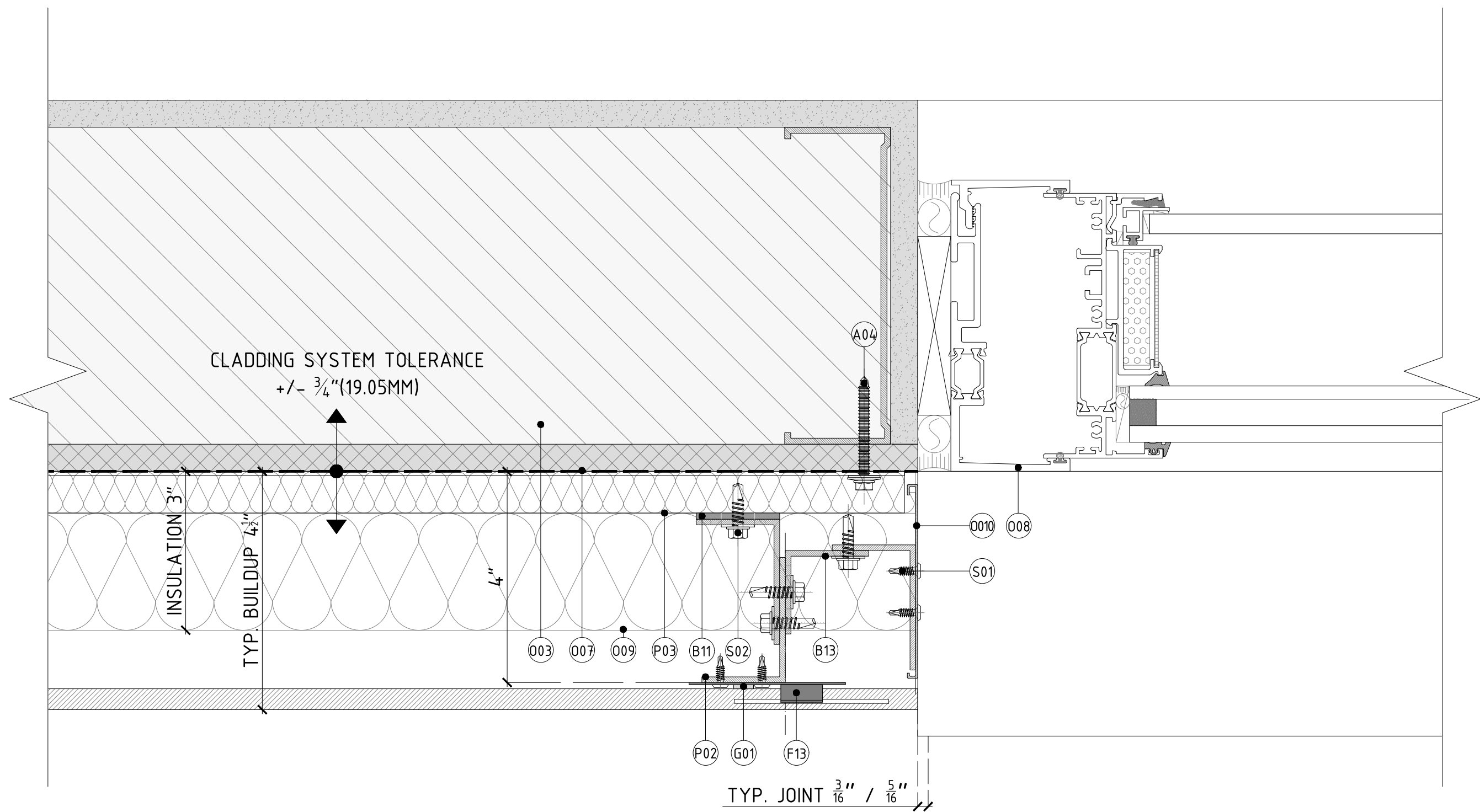
IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & MAX
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
G03	STUD WALL 6"-HGA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 50FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

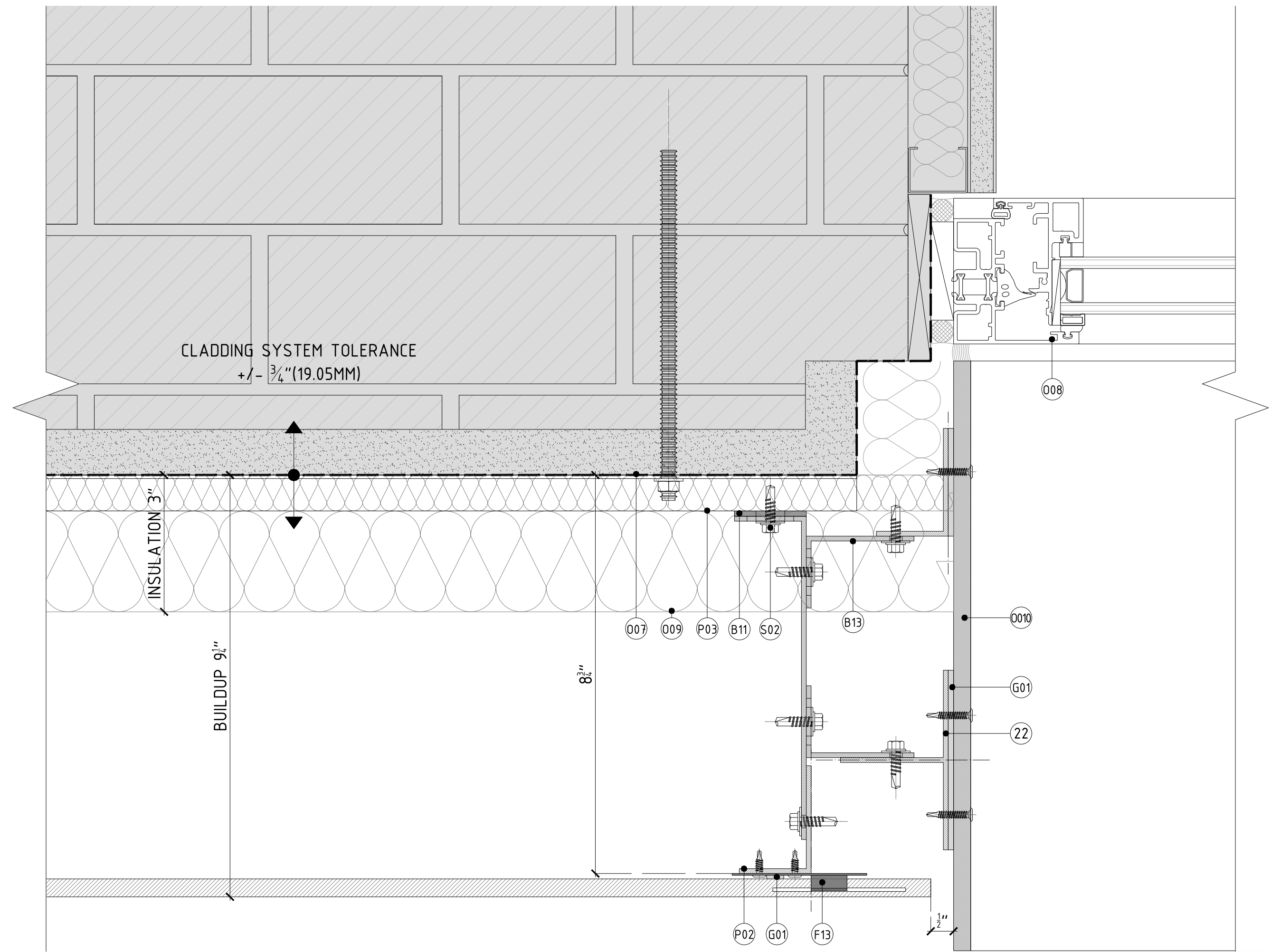
REVISIONS:			
DATE	REV	DESCRIPTION	

SHEET TITLE:
WINDOW JAMB RETURN
WITH METAL
SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

SHEET NO: REVISION:



DETAIL A - TYP. METAL JAMB DETAIL



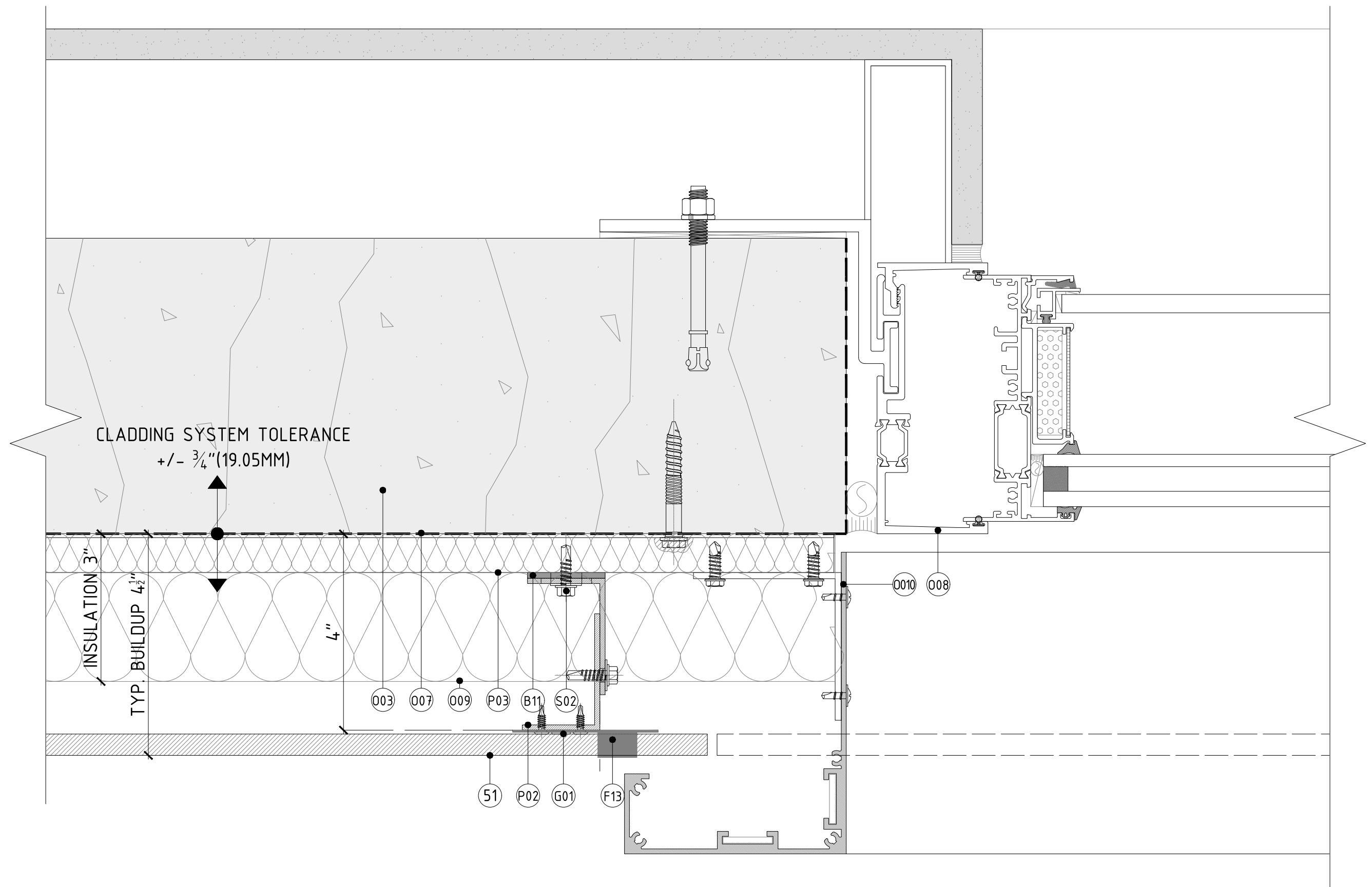
DETAIL B - TYP. METAL JAMB DETAIL - 221W 17TH ST

IMPORTANT NOTES:
PLEASE NOTE, THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

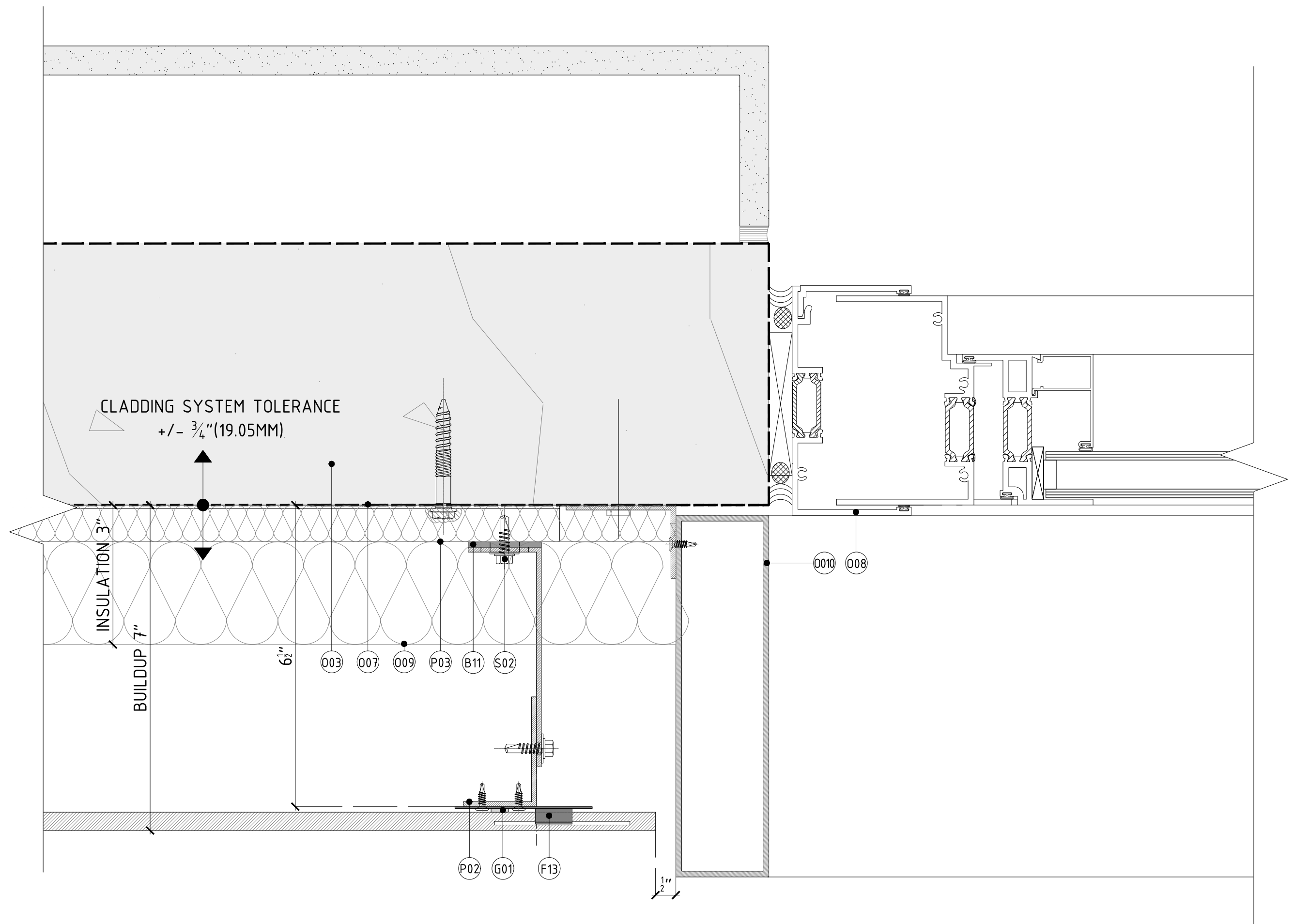
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & MAX
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
G03	STUD WALL 6"x6GA 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

SHEET TITLE:
WINDOW JAMB RETURN
WITH METAL
SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

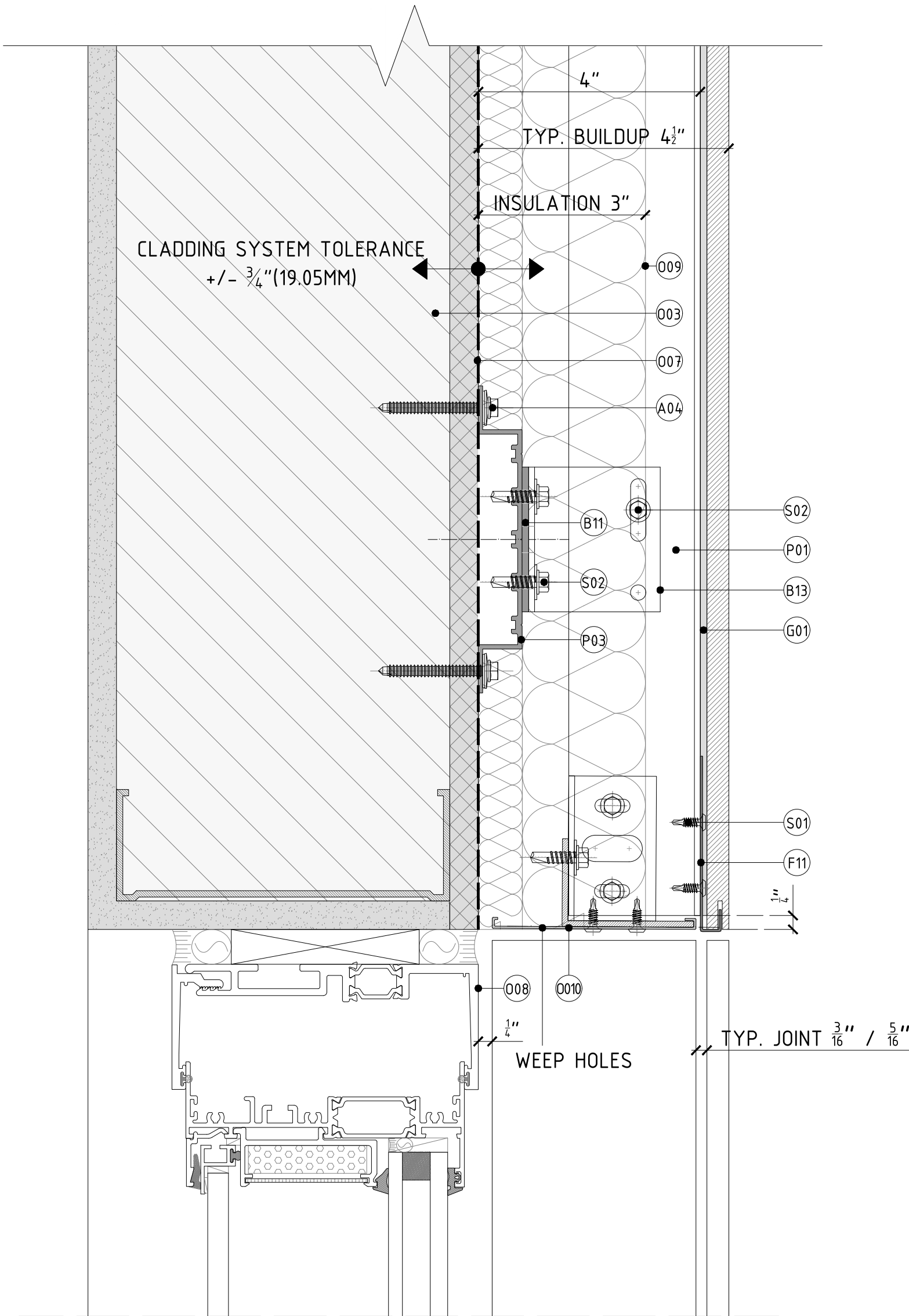


DETAIL A - TYP. METAL JAMB DETAIL - THE NEVINS PROJECT

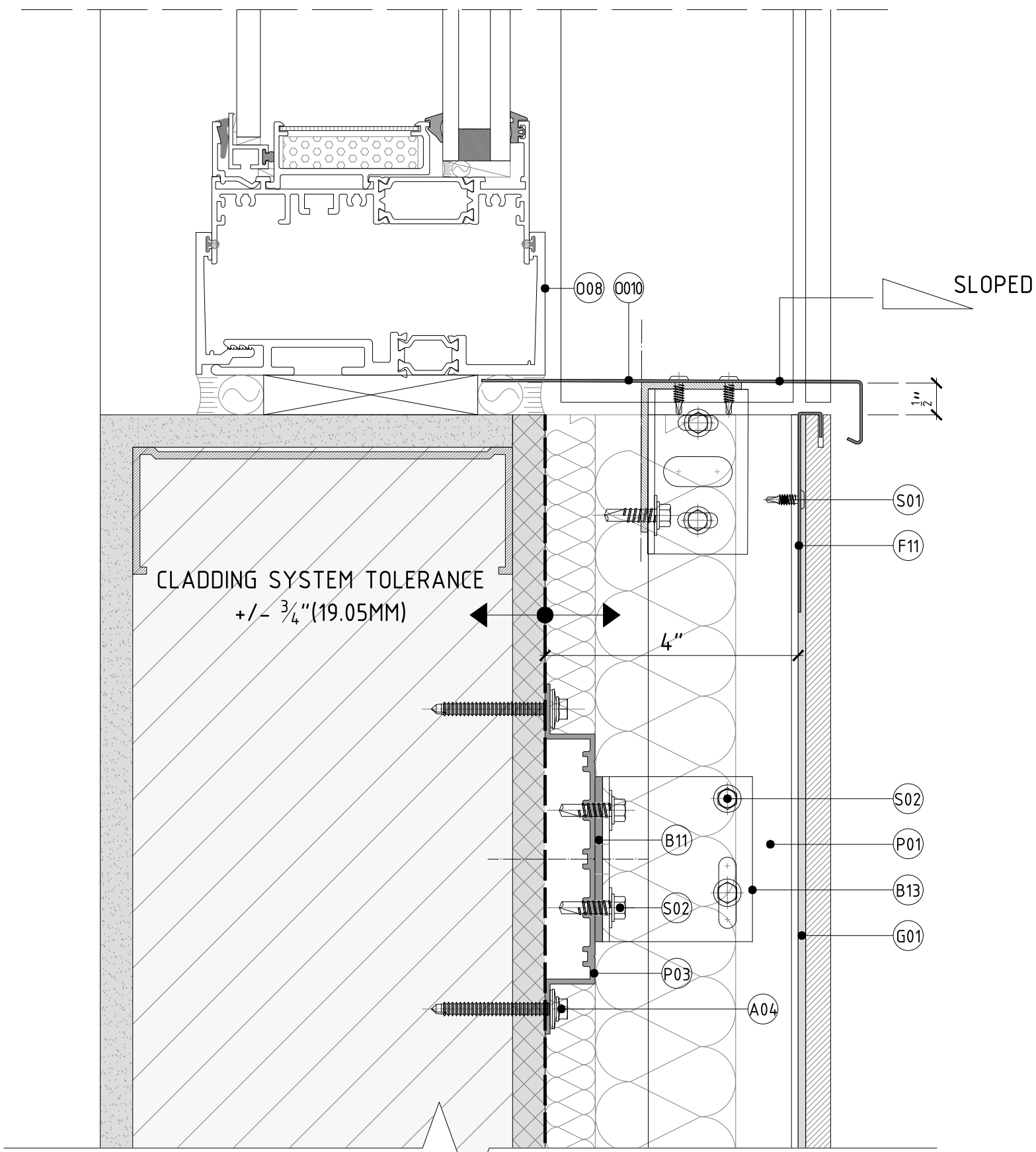


DETAIL B - TYP. METAL JAMB DETAIL - ALTA LIC PROJECT

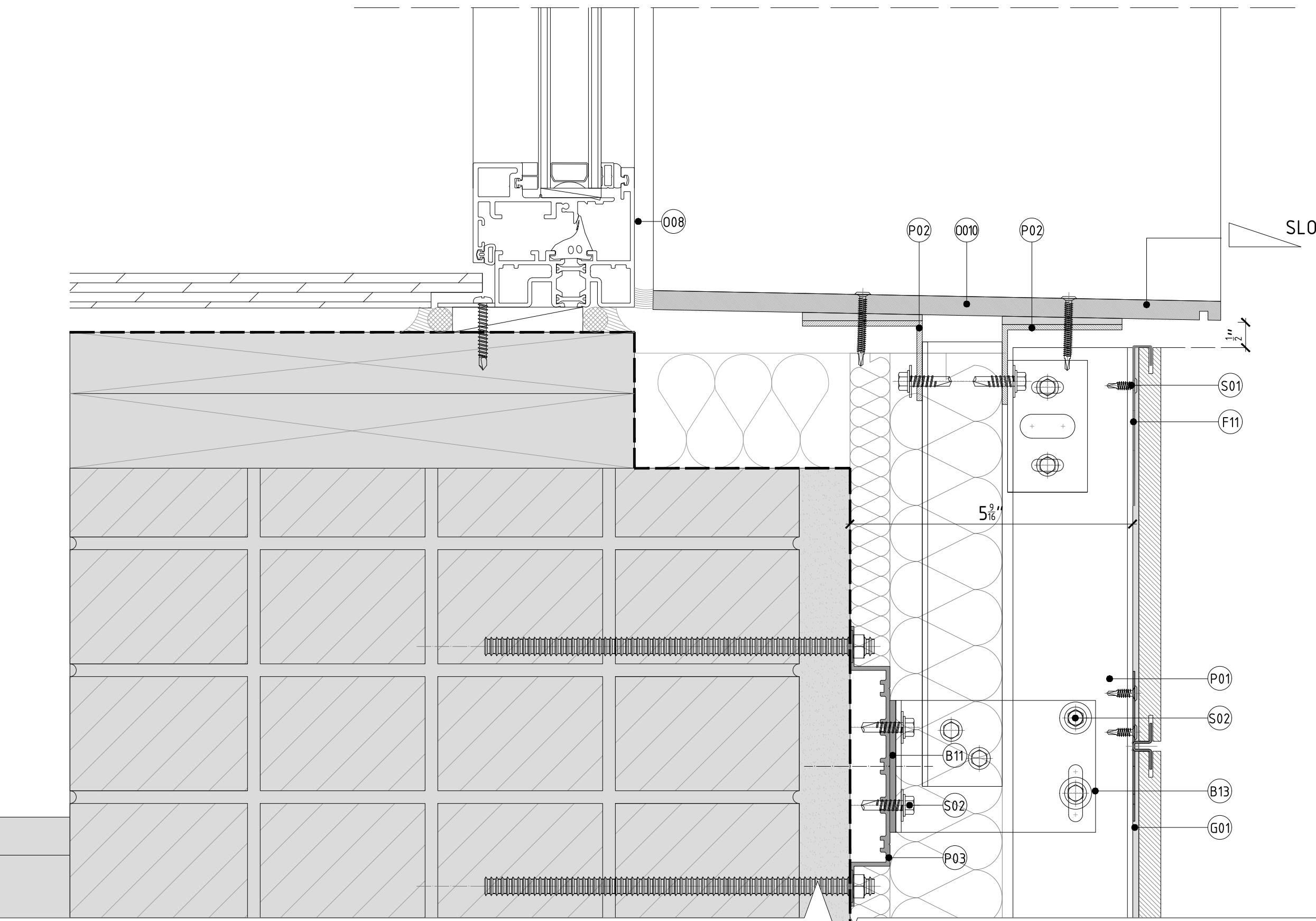
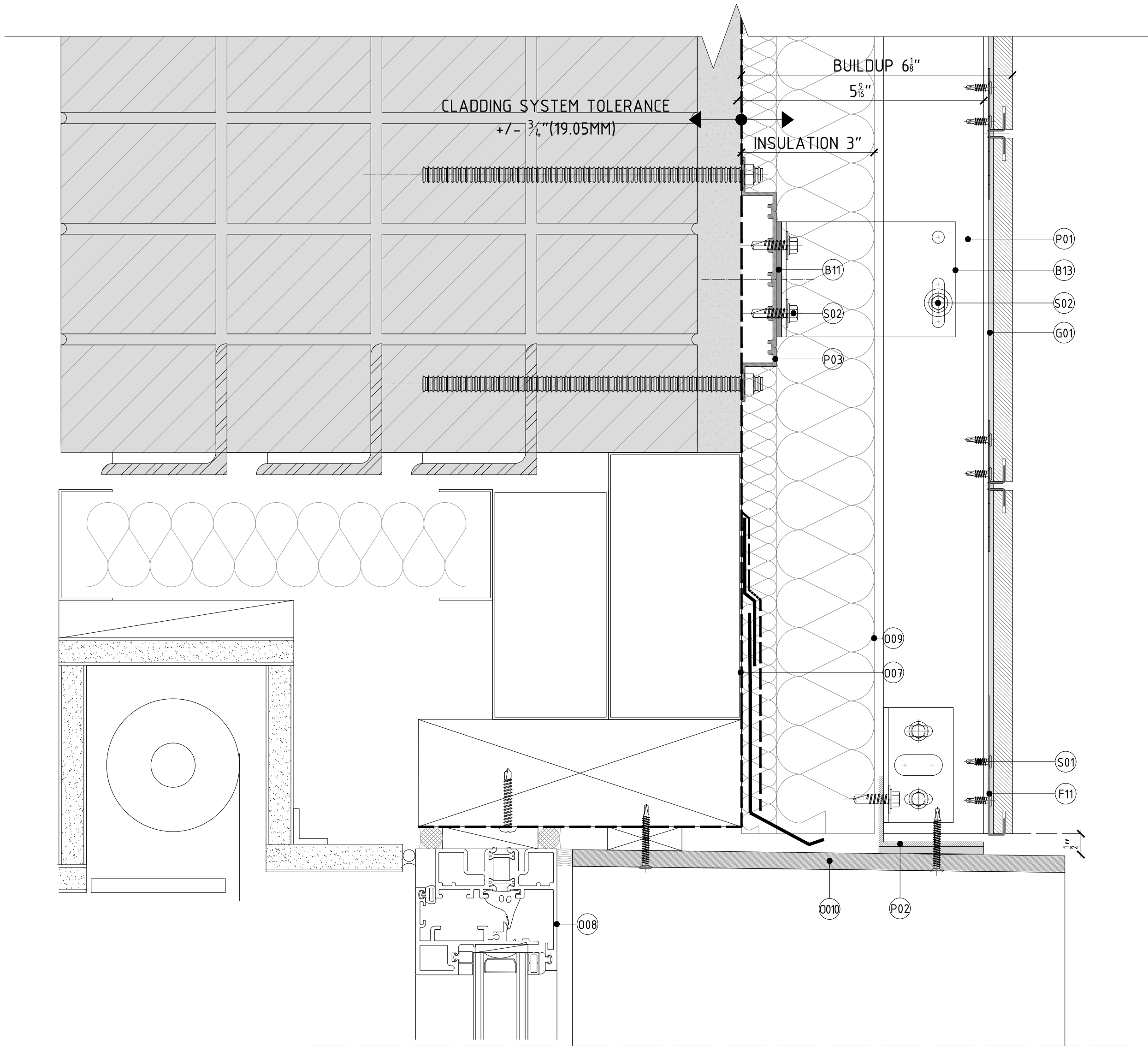
IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HEREIN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.



DETAIL A - TYP. METAL WINDOW HEAD & SILL DETAIL



DETAIL B - TYP. METAL WINDOW HEAD & SILL DETAIL - 221 17TH ST



CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH MTLT & WAS
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
003	STUD WALL: 6"-HGA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
007	DAMP-PROOF COARSE (DPC)
008	WINDOW SYSTEM
009	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
010	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

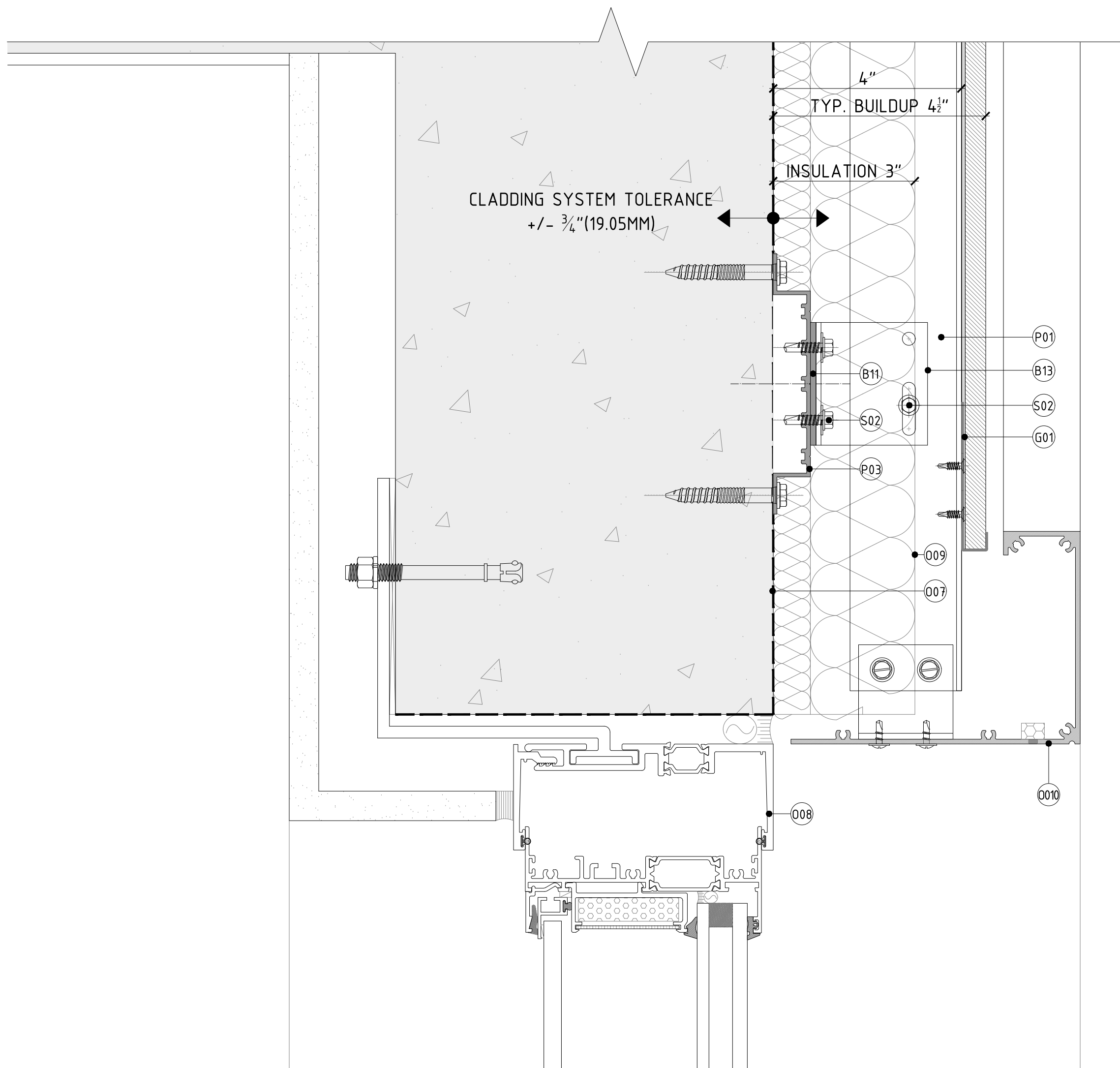
DATE	REV	DESCRIPTION

SHEET TITLE:
WINDOW HEAD RETURN &
SILL WITH METAL

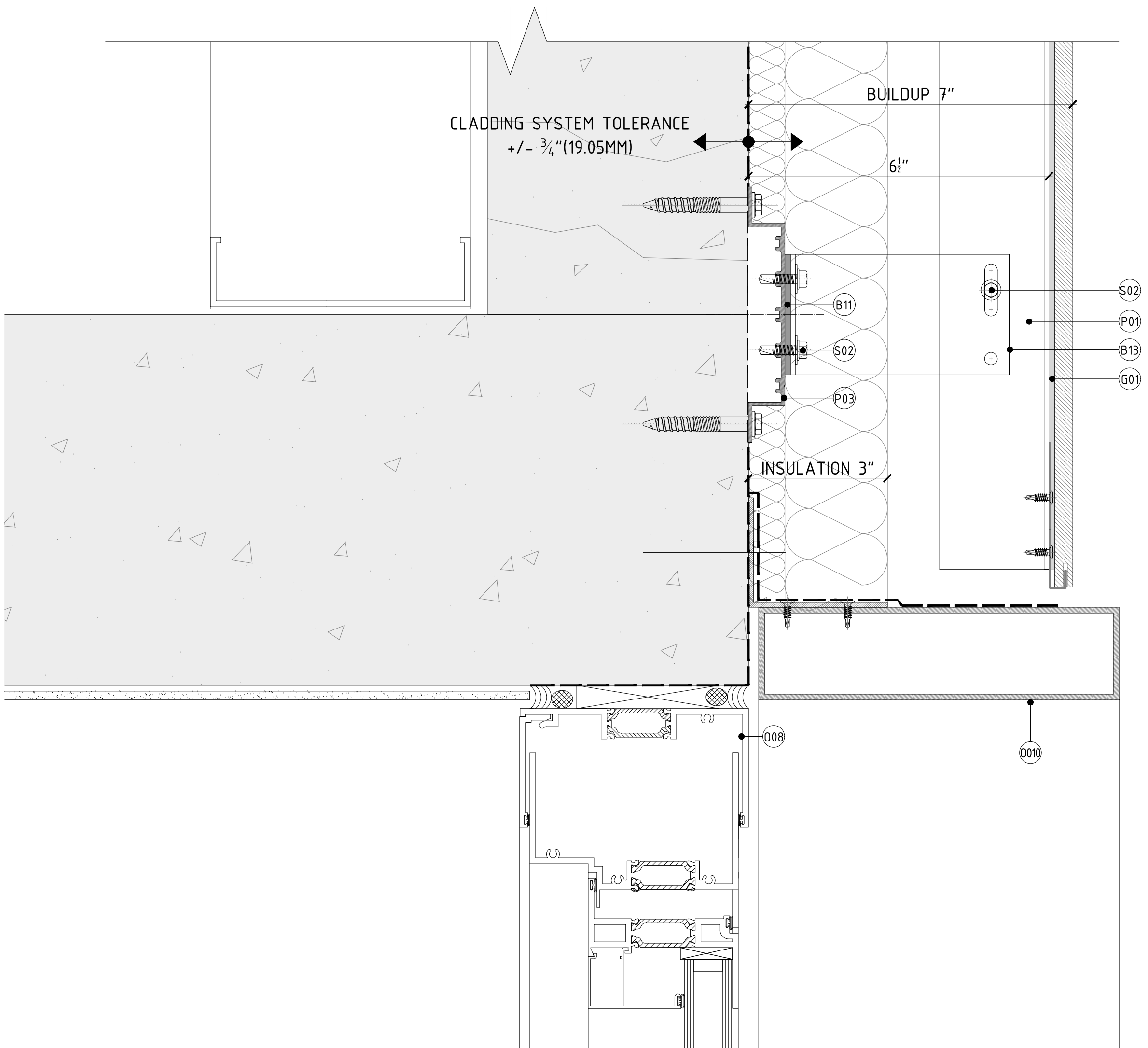
SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

SHEET NO: REVISION:

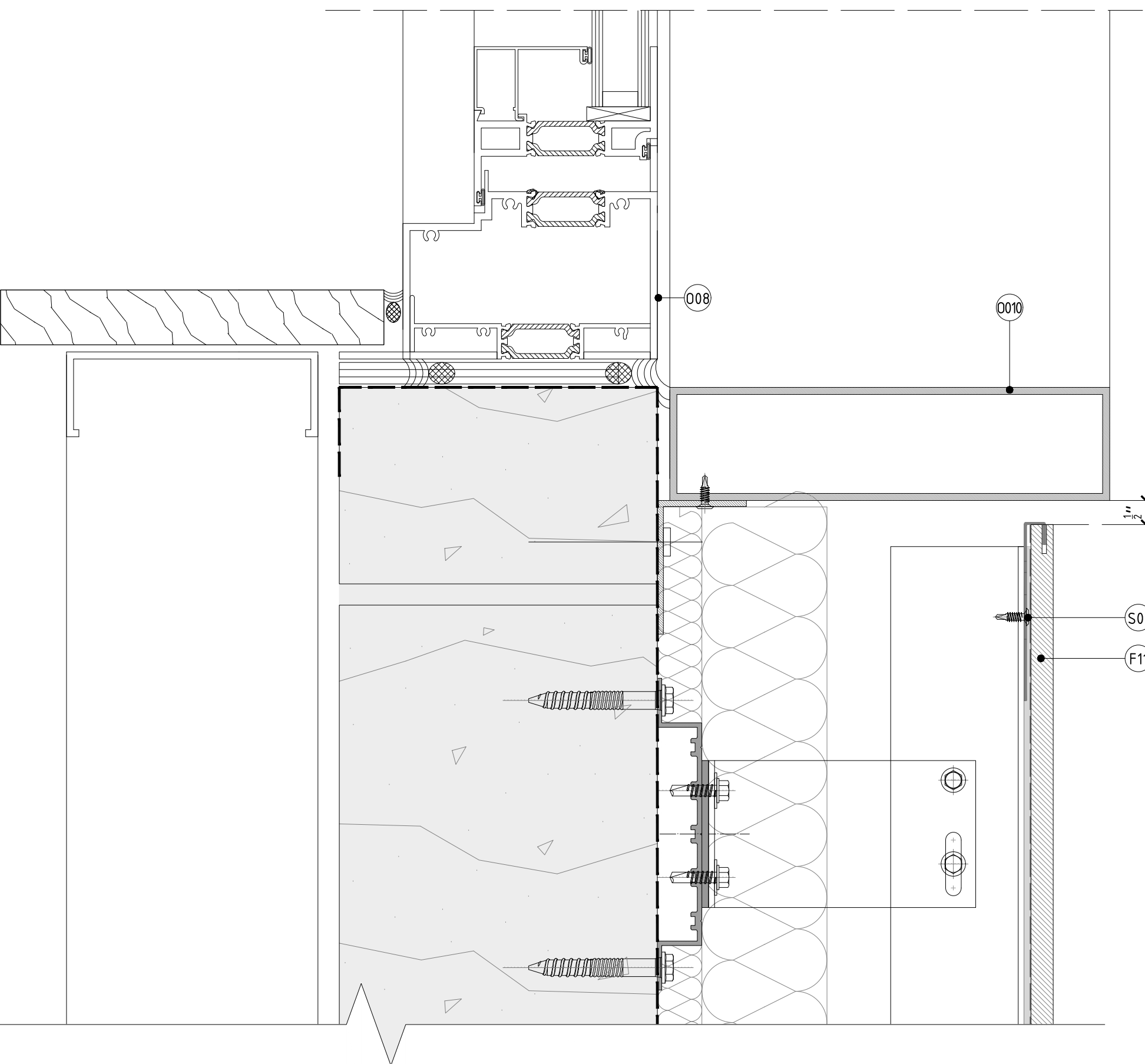
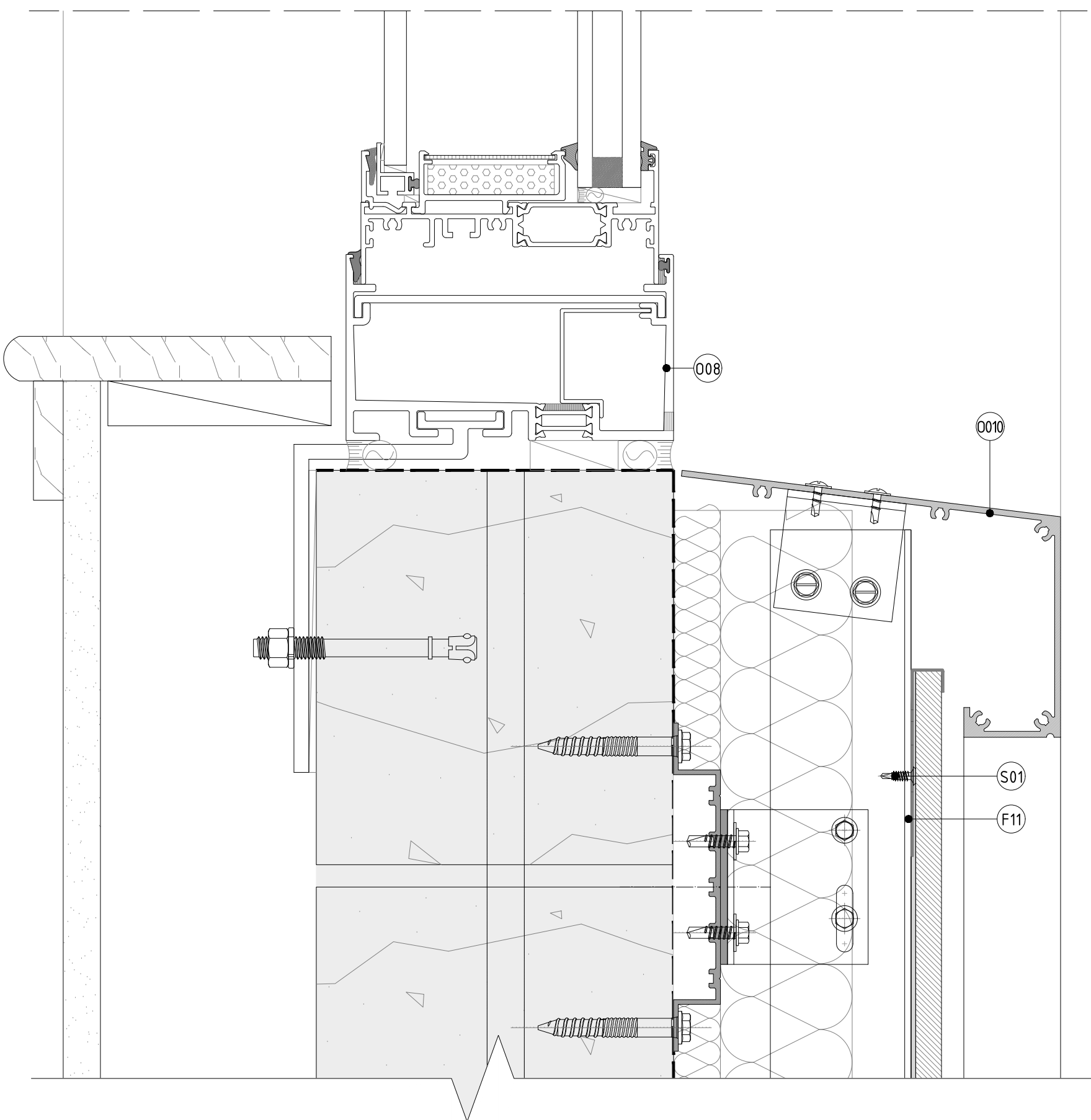
IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HEREIN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.



DETAIL A - TYP. WINDOW METAL HEAD & SILL DETAIL - ALTA LIC PROJECT



DETAIL B - TYP. WINDOW METAL HEAD & SILL DETAIL - THE NEVINS PROJECT



CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & MAX
B01	VFS THERMAL BRIDGE 1/8\"
B03	VFS DOUBLE L-BRACKET 2-6/16\"
B11	VFS THERMAL BRIDGE 1/8\"
B13	VFS SINGLE L-BRACKET 2-6/16\"
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16\"
F13	VFS FIXING DEPTH 15MM JOINT 3/16\"
O03	STUD WALL 6\"-16GA, 16\" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
O07	DAMP-PROOF COARSE (DPC)
O08	WINDOW SYSTEM
O09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
O10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (10M)
P02	VFS PROFILE L 10FT (10M)
P03	VFS PROFILE DREGA 10FT (10M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

DATE	REV	DESCRIPTION

SHEET TITLE:
WINDOW HEAD RETURN &
SILL WITH METAL

SCALE:
HALF SIZE @ARCH D 3\"/>

IMPORTANT NOTES:
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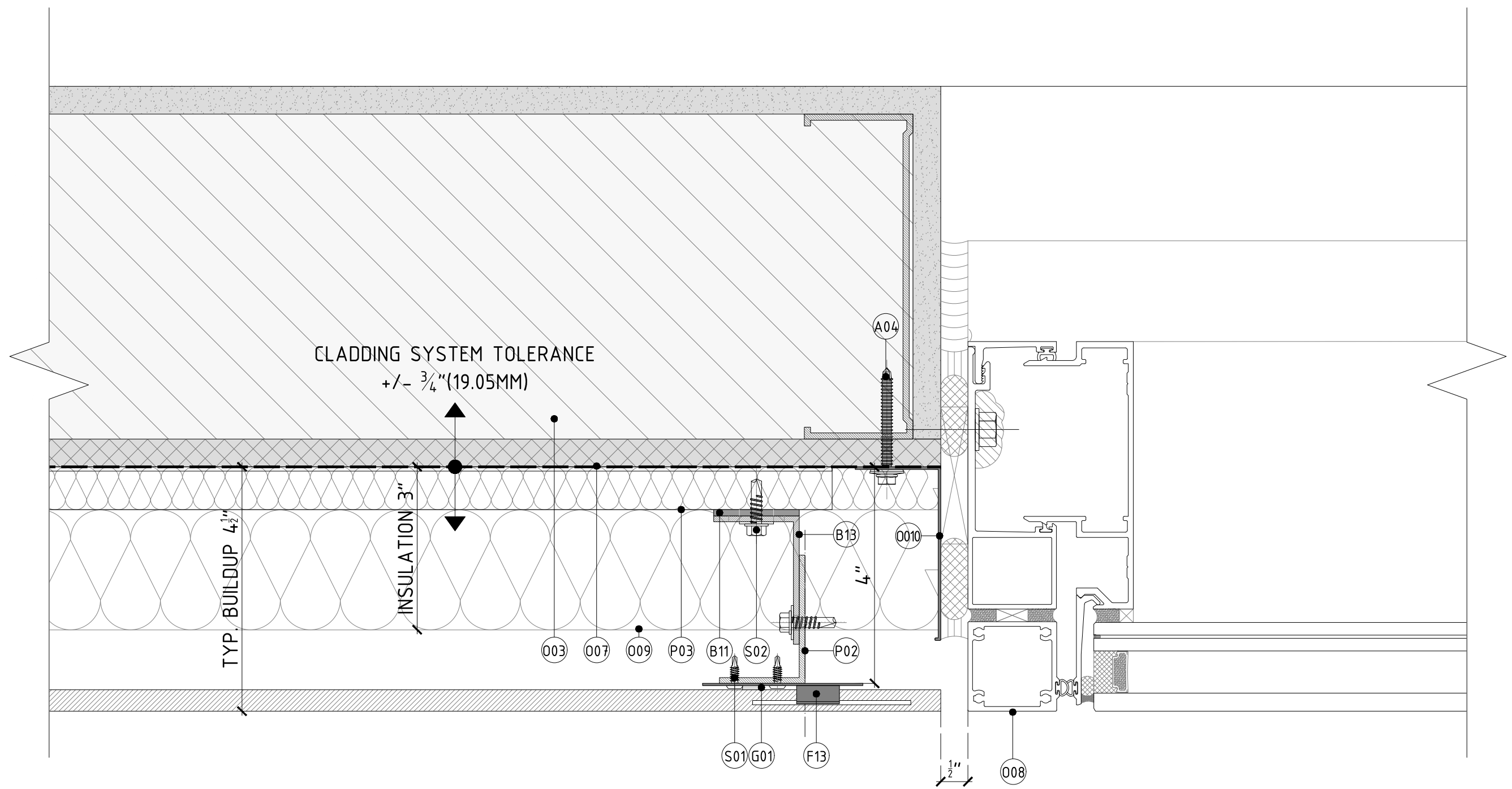
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & MAX
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
G03	STUD WALL 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

SHEET TITLE:
WINDOW & CLADDING FLUSH
HORIZONTAL SECTION

SCALE:
HALF SIZE @ARCH D 3"=1'-0" @ARCH C

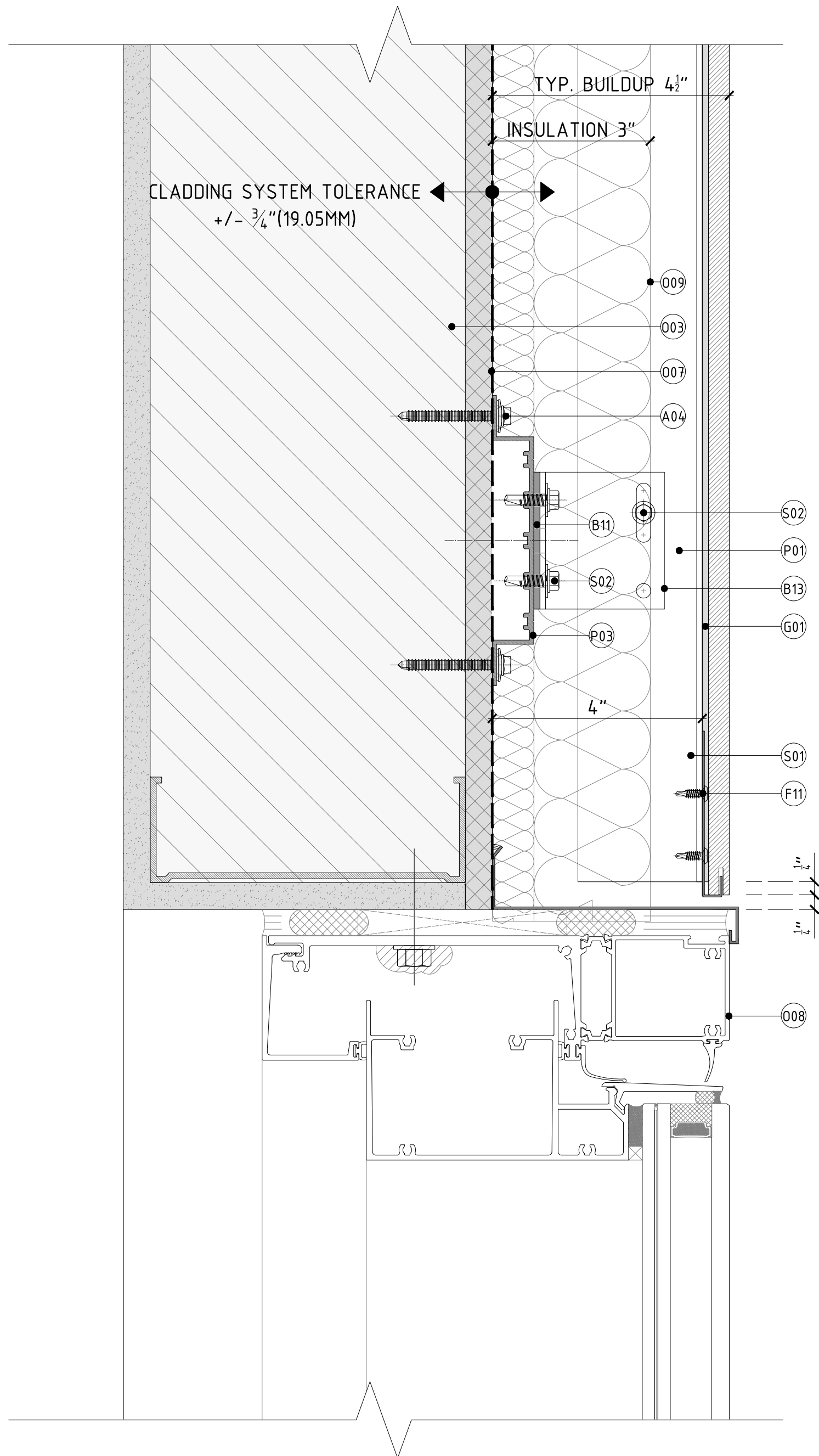
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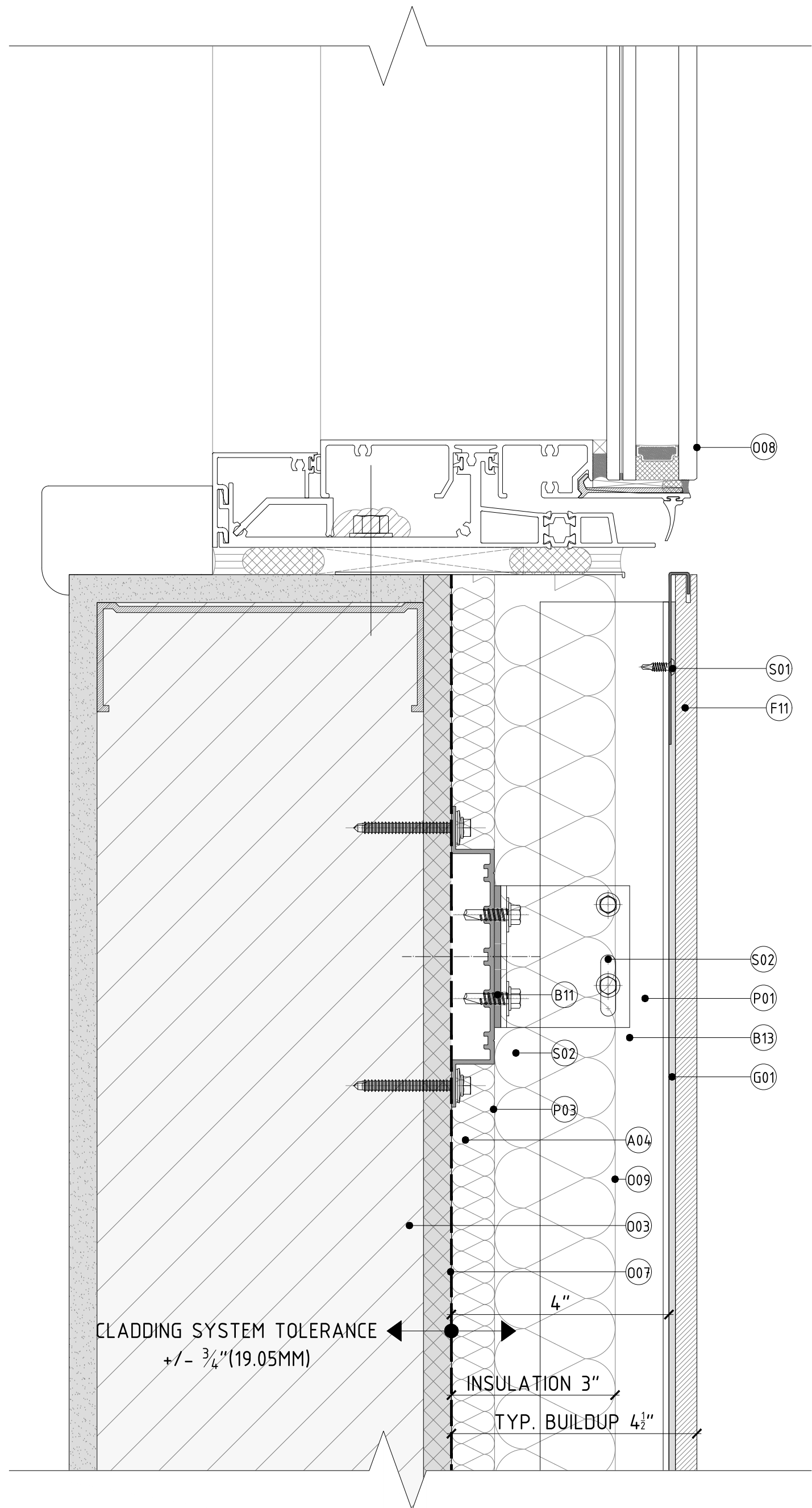
DETAIL A - TYP. JAMB DETAIL W/OUT RETURN

IMPORTANT NOTES:

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DETAIL A - TYP. HEAD DETAIL W/OUT RETURN



DETAIL B - TYP. SILL DETAIL W/OUT RETURN

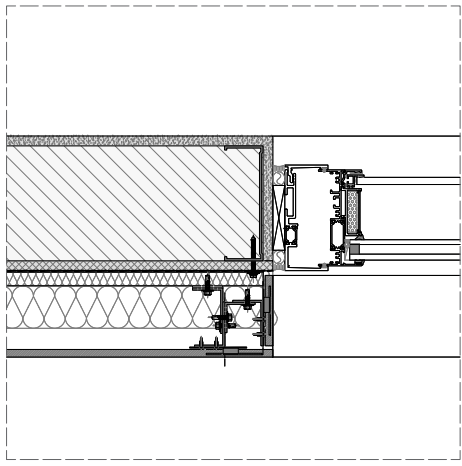
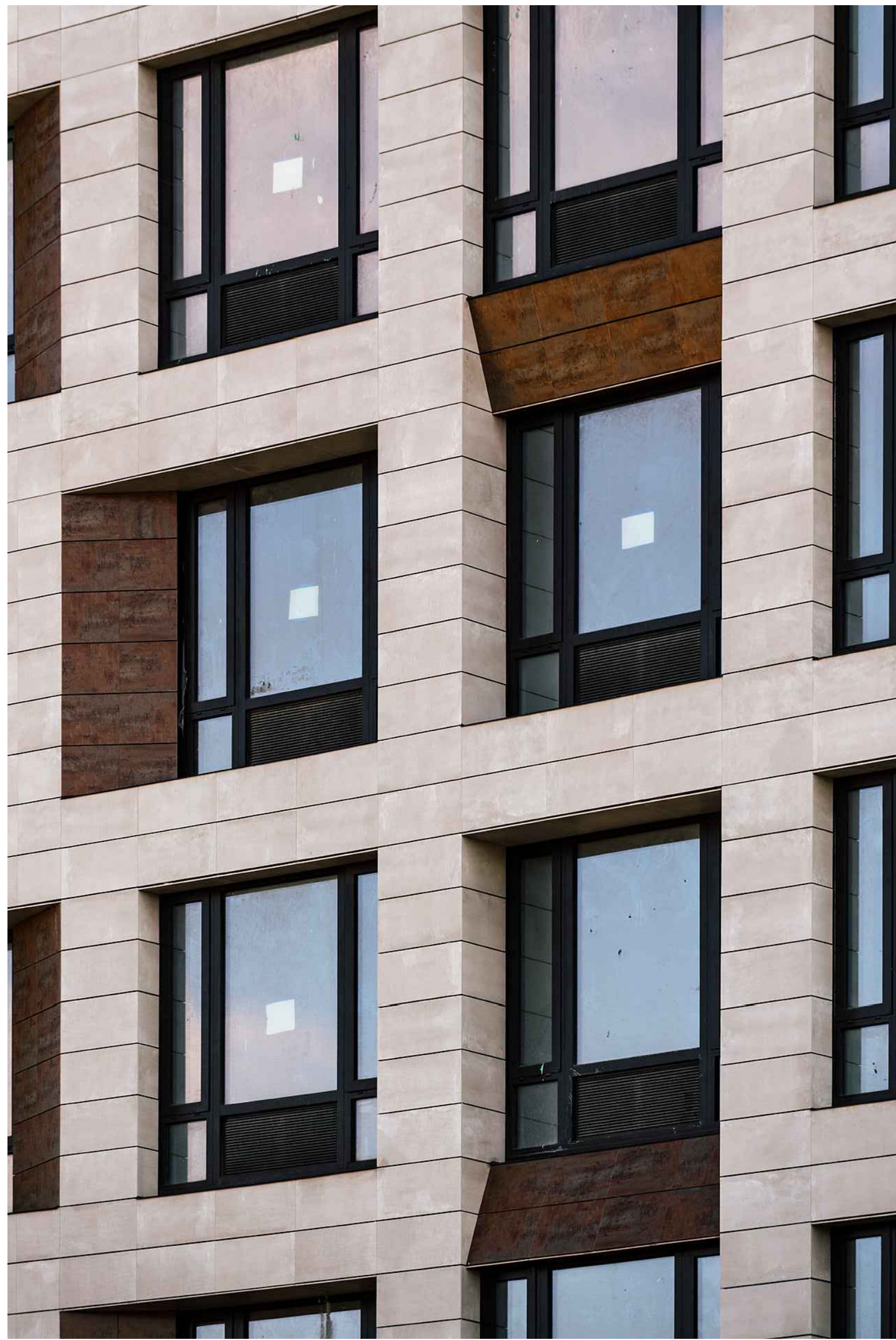
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH MULTI & MAX
B03	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 75MM START/END BL
F12	VFS FIXING DEPTH 75MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 75MM JOINT 3/16" LA BL
S02	STUD WALL 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
S07	DAMP-PROOF COARSE (DPC)
S08	WINDOW SYSTEM
S09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
S10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

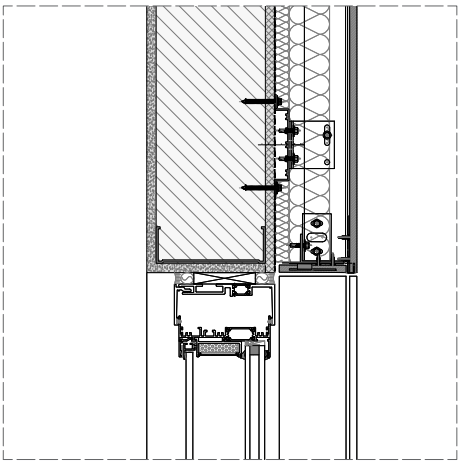
SHEET TITLE:
WINDOW & CLADDING FLUSH
VERTICAL SECTION

SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

THE ALEXEY Brooklyn, NY
Porcelain Return Example 1

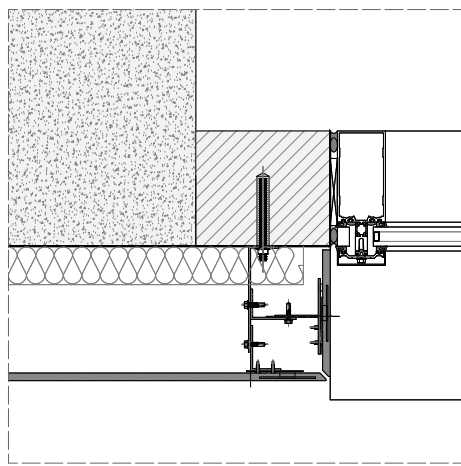
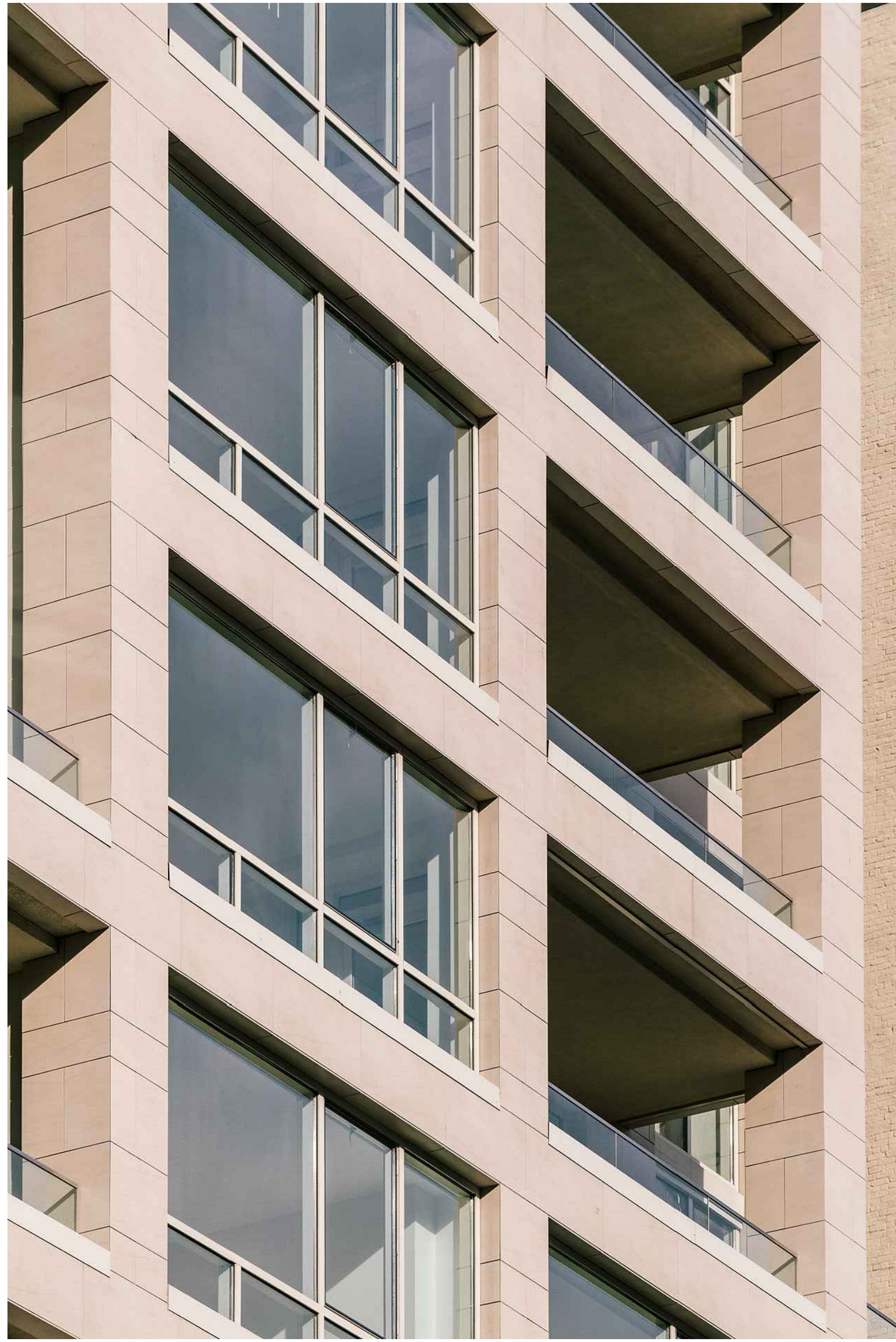


JAMB DETAIL

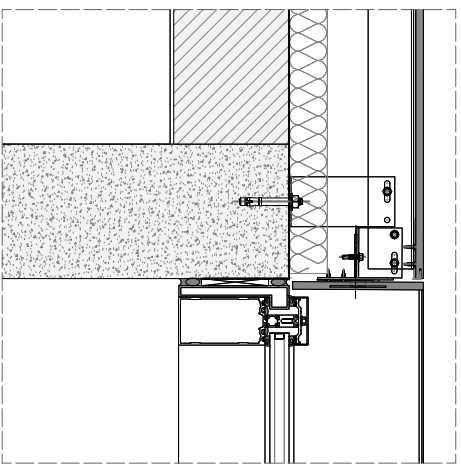


HEAD DETAIL

THE CLARE Manhattan, NY
Porcelain Return Example 2

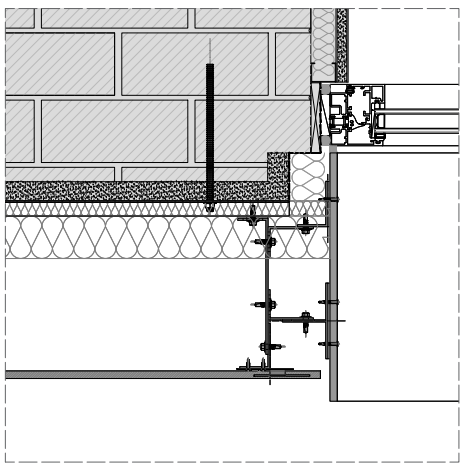
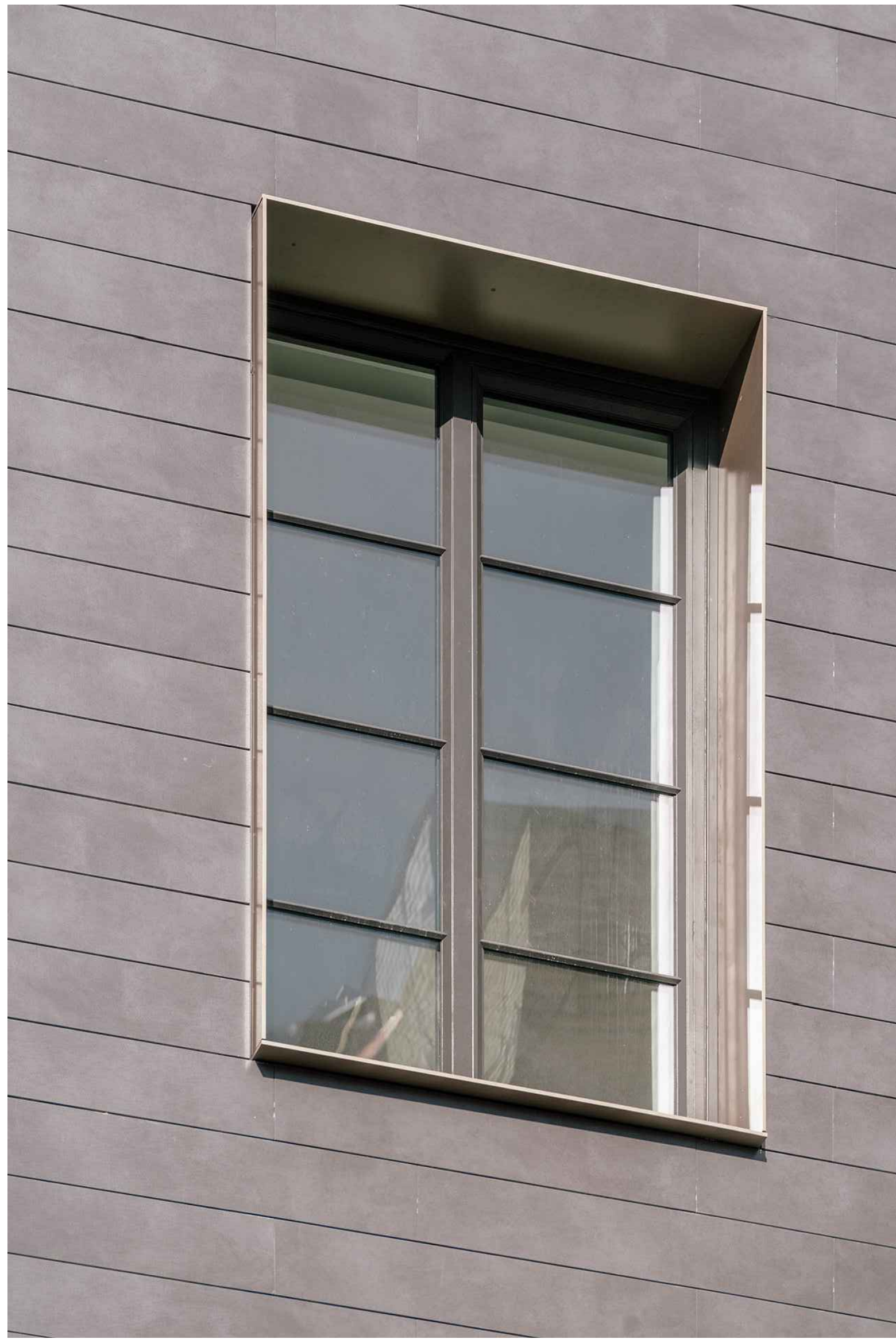


JAMB DETAIL

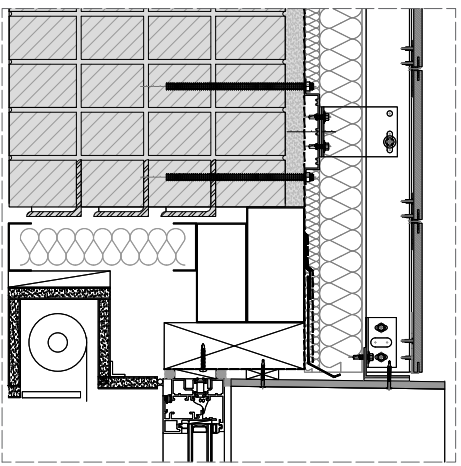


HEAD DETAIL

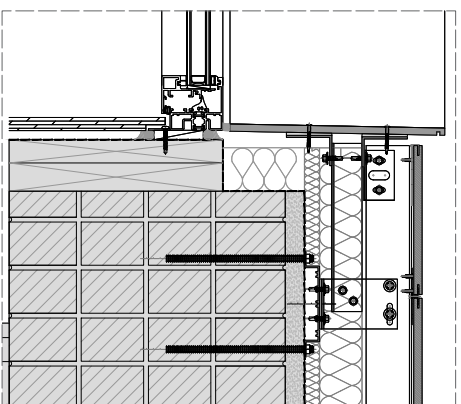
221W 17TH STREET Manhattan, NY
Flatstock Returns Example 1



JAMB DETAIL



HEAD DETAIL



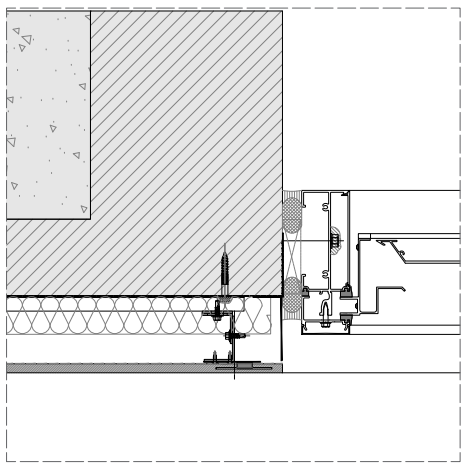
SILL DETAIL

REVISIONS:		
DATE	REV.	DESCRIPTION

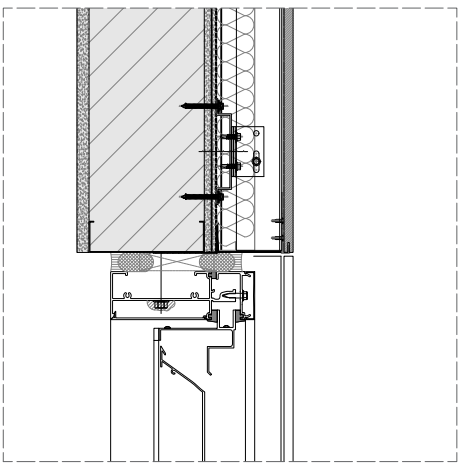
SHEET TITLE:
EXAMPLES OF WINDOW
RETURN 1

SCALE:
HALF SIZE @ARCH D 3"=1'-0" @ARCH C

COURTYARD BY MARRIOTT Manhattan, NY
Flush Window Example 1

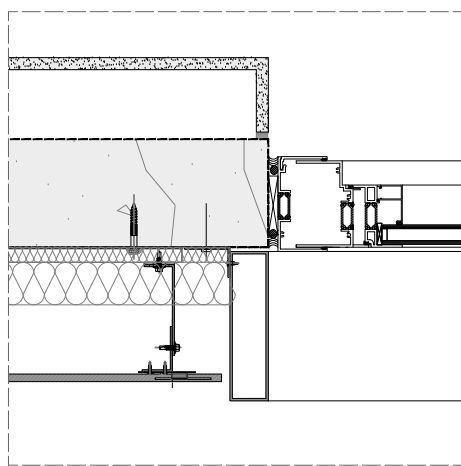
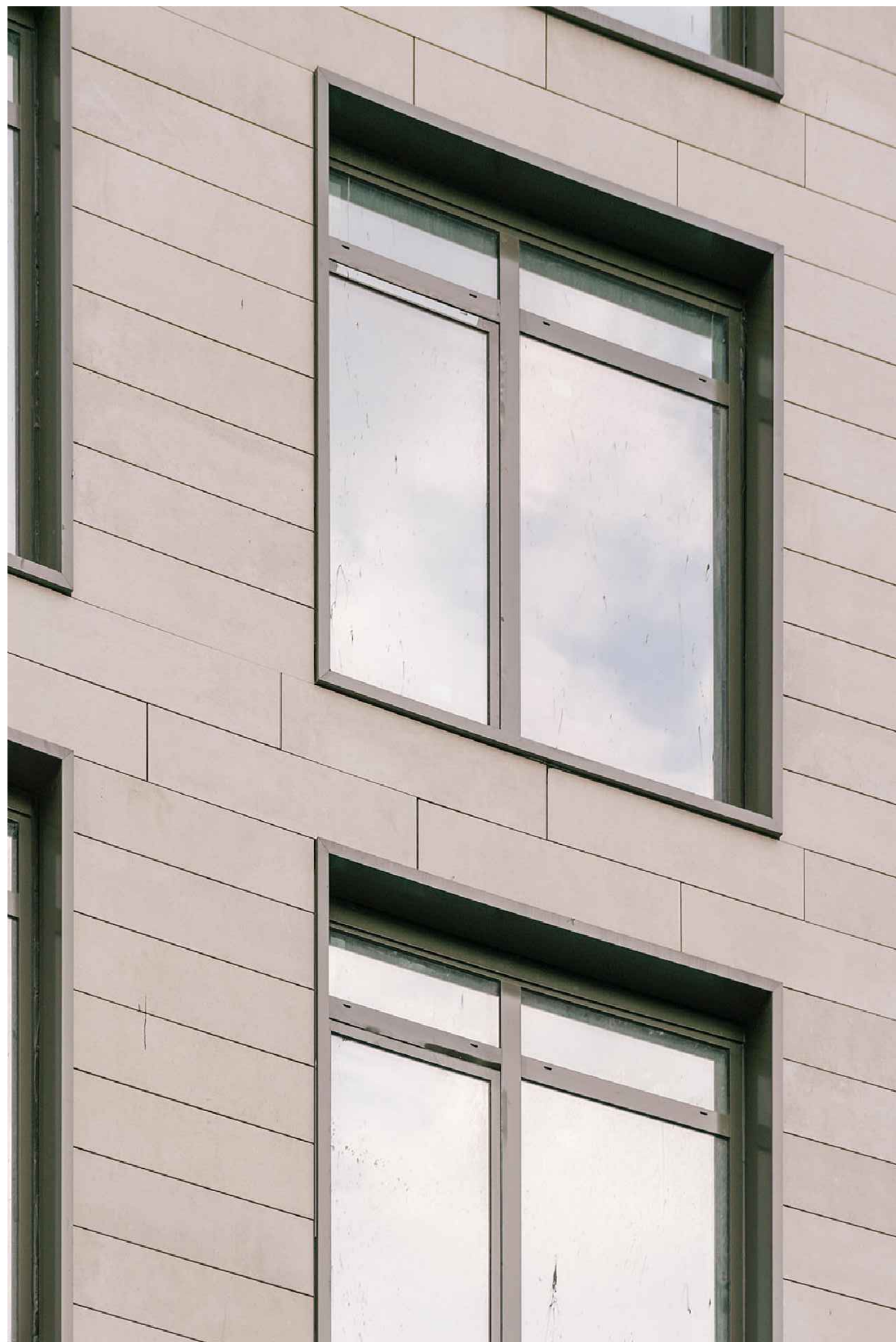


JAMB DETAIL

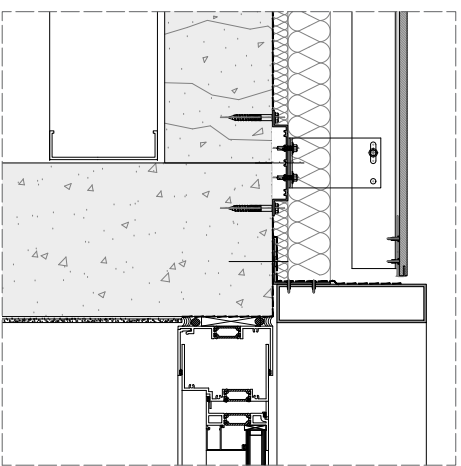


HEAD DETAIL

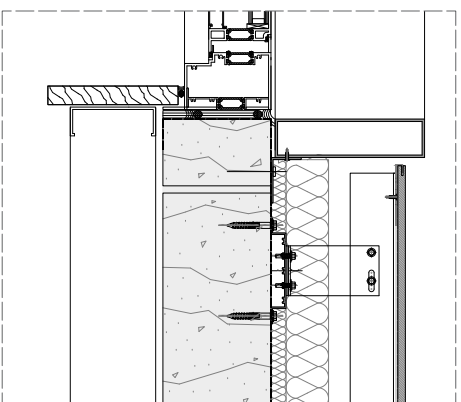
THE NEVINS Brooklyn, NY
Metal Return Example 2



JAMB DETAIL

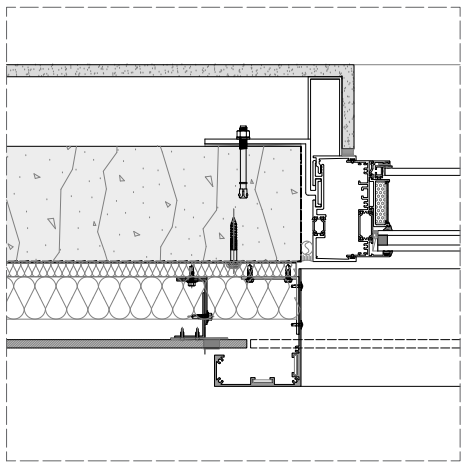


HEAD DETAIL

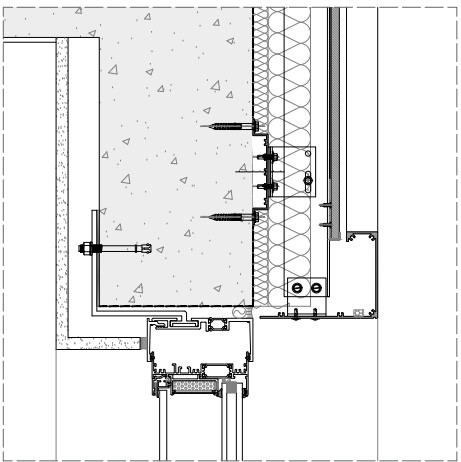


SILL DETAIL

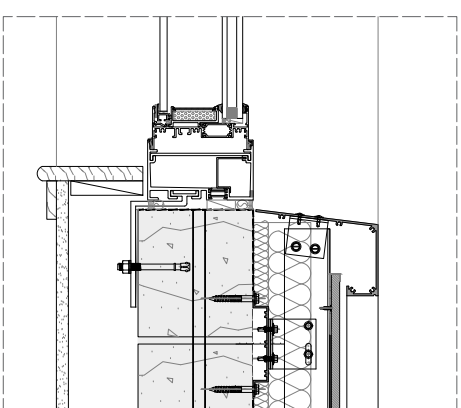
ALTA LIC Queens, NY
Metal Return Example 1



JAMB DETAIL



HEAD DETAIL



SILL DETAIL

PROJECT NAME:
TECHNICAL BOOK
OPEN-JOINT PORCELAIN CLADDING
SOLUTIONS

PORCELANOSA
FACADE/

IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

REVISIONS:		
DATE	REV.	DESCRIPTION

SHEET TITLE:
EXAMPLES OF WINDOW
RETURN 2
SCALE:
HALF SIZE @ARCH D 3"=1'-0" @ARCH C

IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

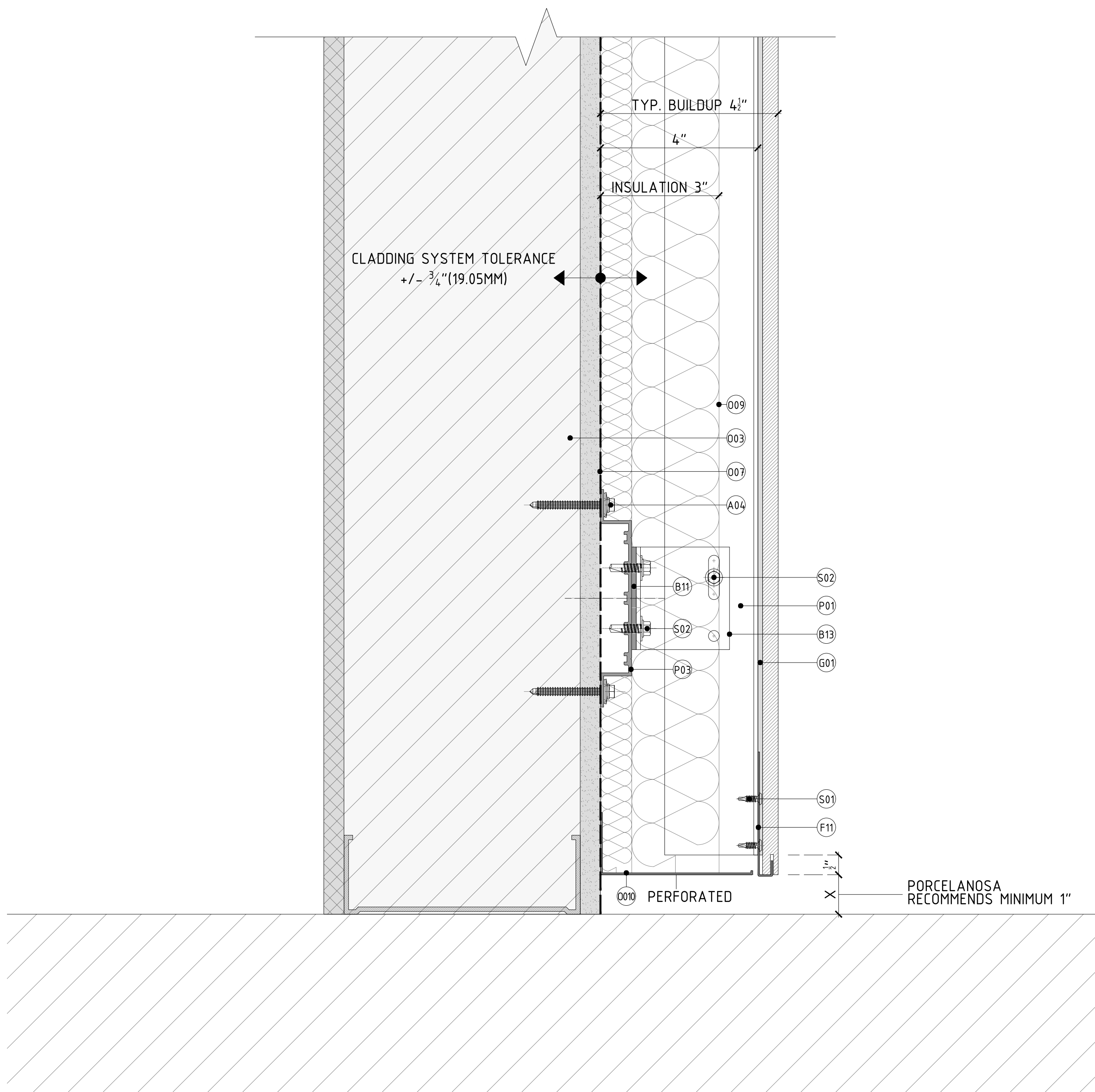
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & WAS
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
G03	STUD WALL 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

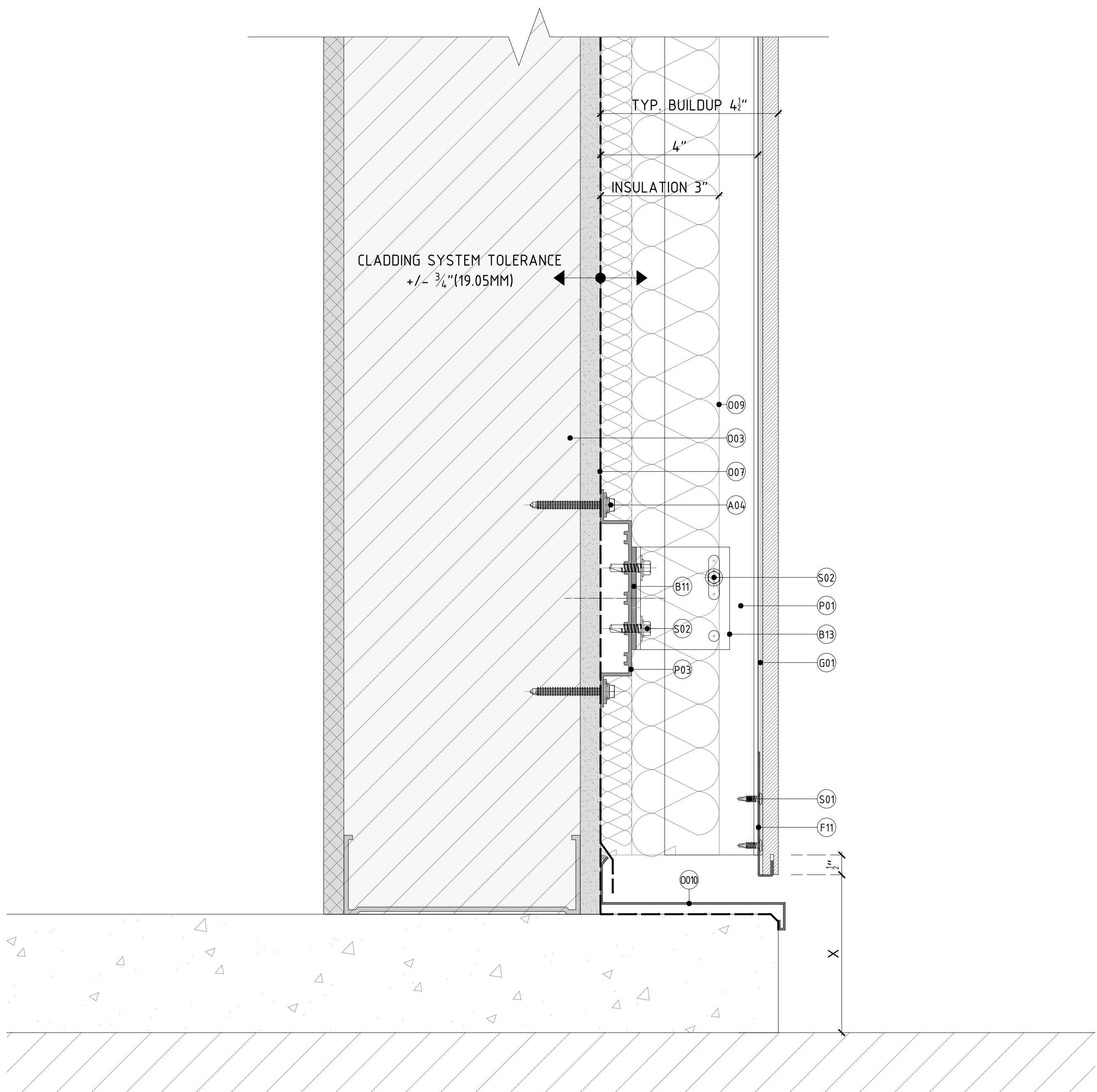
SHEET TITLE:
DETAIL AT GRADE

SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

SHEET NO: REVISION:

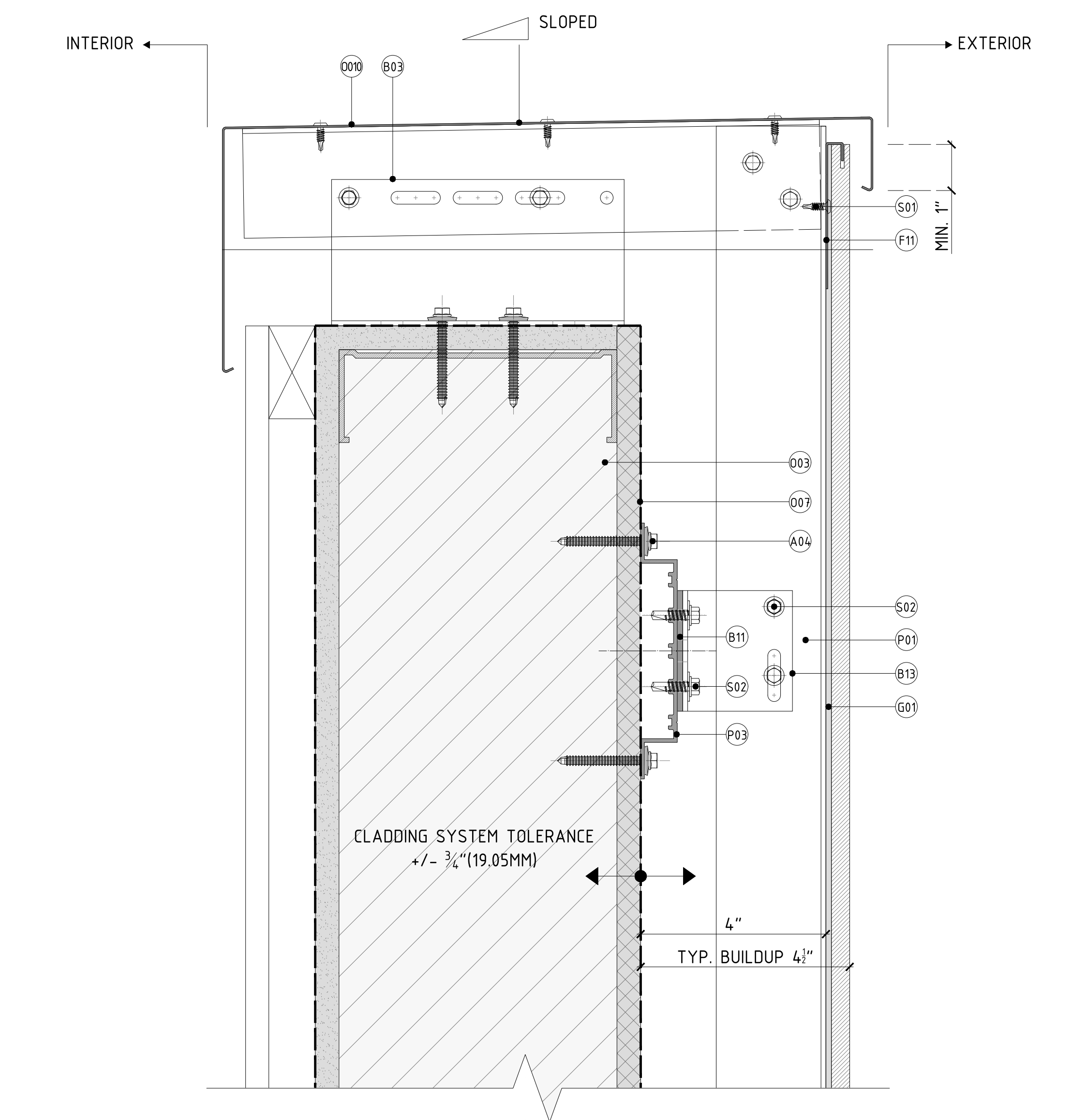


DETAIL A - TERMINATION DETAIL @ GRADE (FLOATING)



DETAIL B - TERMINATION DETAIL @ GRADE (FLUSH W/ BASE)

IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.



DETAIL A - TYP. COPING DETAIL W/ ALUMINUM CAP

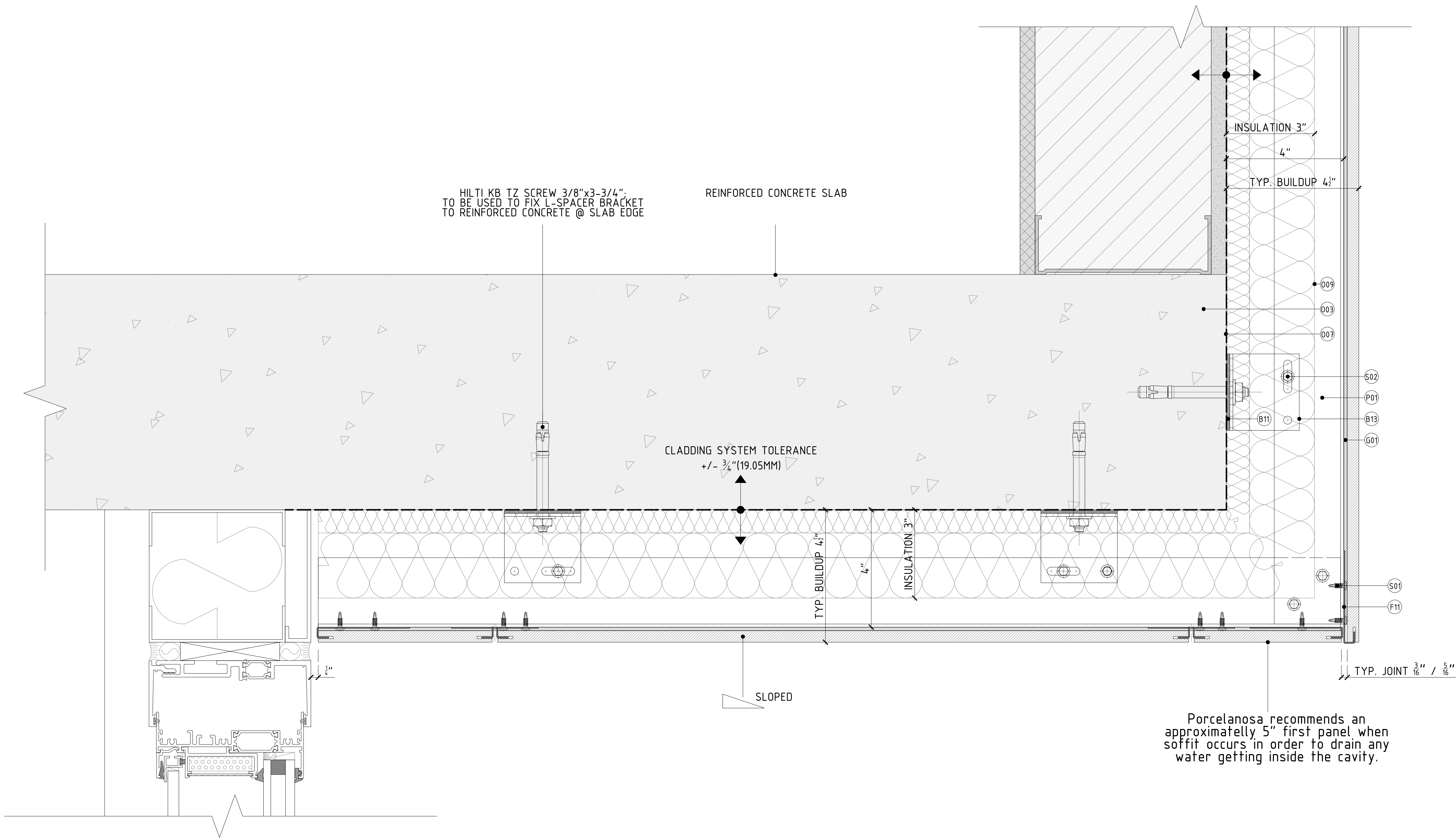
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & MAX
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 75MM START/END BL
F12	VFS FIXING DEPTH 75MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 75MM JOINT 3/16" LA BL
G03	STUD WALL 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
I07	DAMP-PROOF COARSE (DPC)
I08	WINDOW SYSTEM
I09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM ON THE OTHER
O10	ALUMINUM FLASHING
P01	VFS PROFILE T 50FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

SHEET TITLE:
DETAIL AT COPING

SCALE:
HALF SIZE @ARCH D 3"=1'-0" @ARCH C

IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.



DETAIL A - TYP. ENCOUNTER DETAIL BETWEEN FACE OF BALCONY AND SOFFIT

CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HILTI & WAS
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
G03	STUD WALL 6"x6GA 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (ONCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

SHEET TITLE:
DETAIL AT SOFFIT

SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

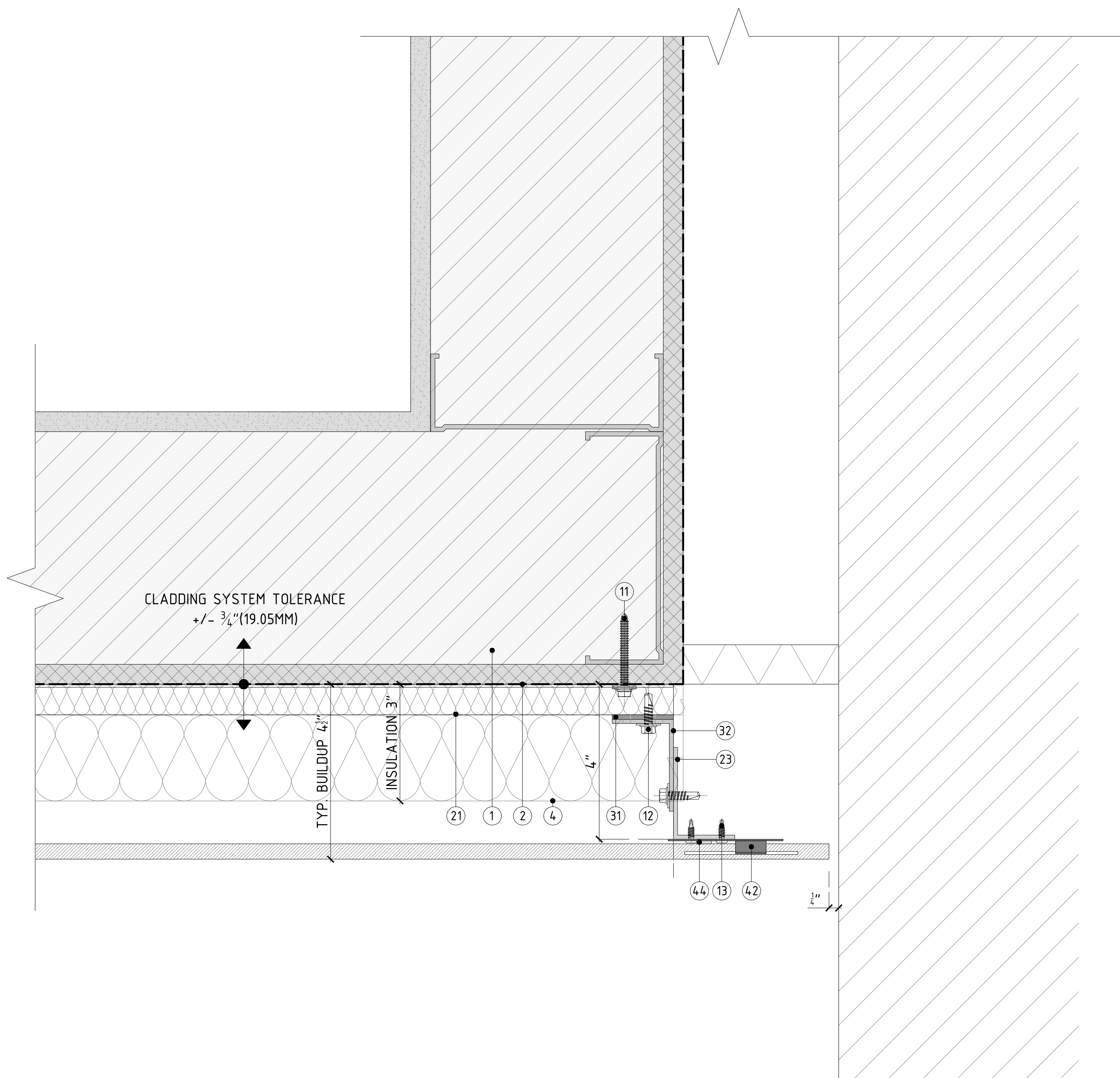
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH MTLT & WAS
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
G03	STUD WALL: 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 50FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

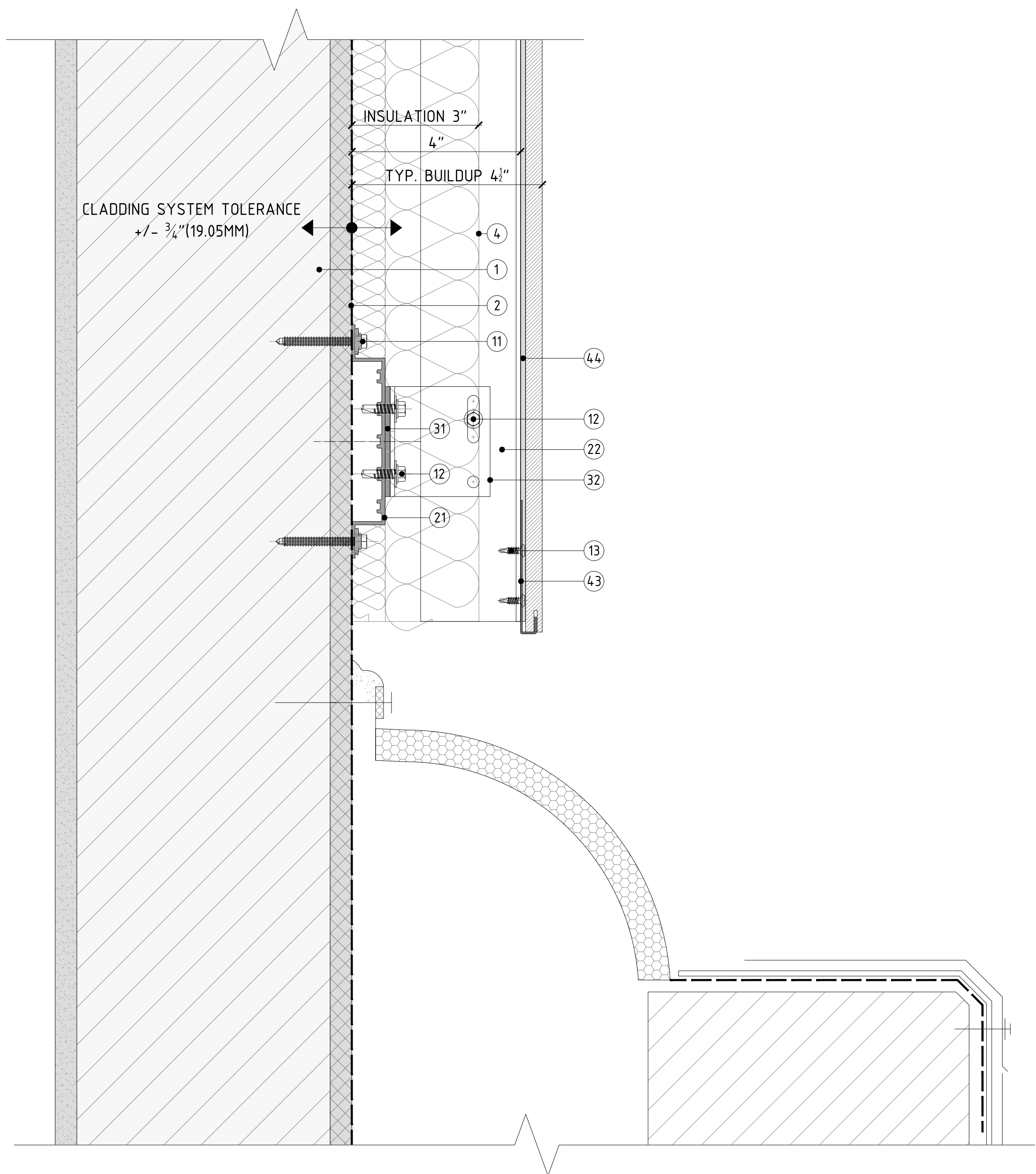
SHEET TITLE:
DETAIL AT ADJACENT
BUILDING

SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

SHEET NO: REVISION:



DETAIL A - TERMINATION PLAN DETAIL W/ ADJACENT BUILDING



DETAIL B - TERMINATION WALL SECTION DETAIL W/ ADJACENT BUILDING

IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HEREIN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

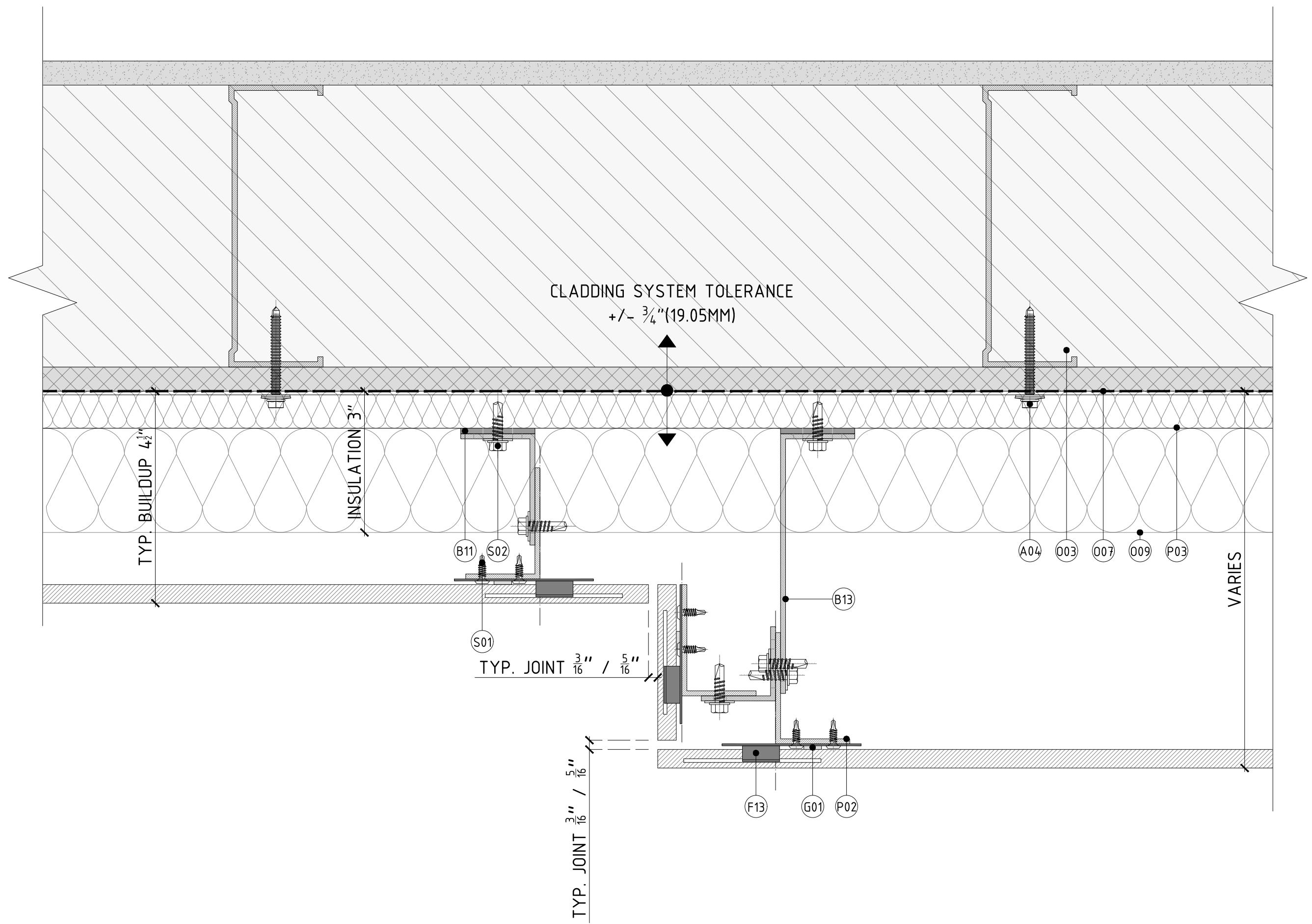
CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & WAS
B01	VFS THERMAL BRIDGE 1/8" DOUBLE BRACKETS
B03	VFS DOUBLE L-BRACKET 2-6/16" (60MM)
B11	VFS THERMAL BRIDGE 1/8" SINGLE BRACKETS
B13	VFS SINGLE L-BRACKET 2-6/16" (60MM)
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16" CE BL
F13	VFS FIXING DEPTH 15MM JOINT 3/16" LA BL
G03	STUD WALL 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM OR THE OTHER
G10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (3M)
P02	VFS PROFILE L 10FT (3M)
P03	VFS PROFILE DREGA 10FT (3M)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

REVISIONS:		
DATE	REV	DESCRIPTION

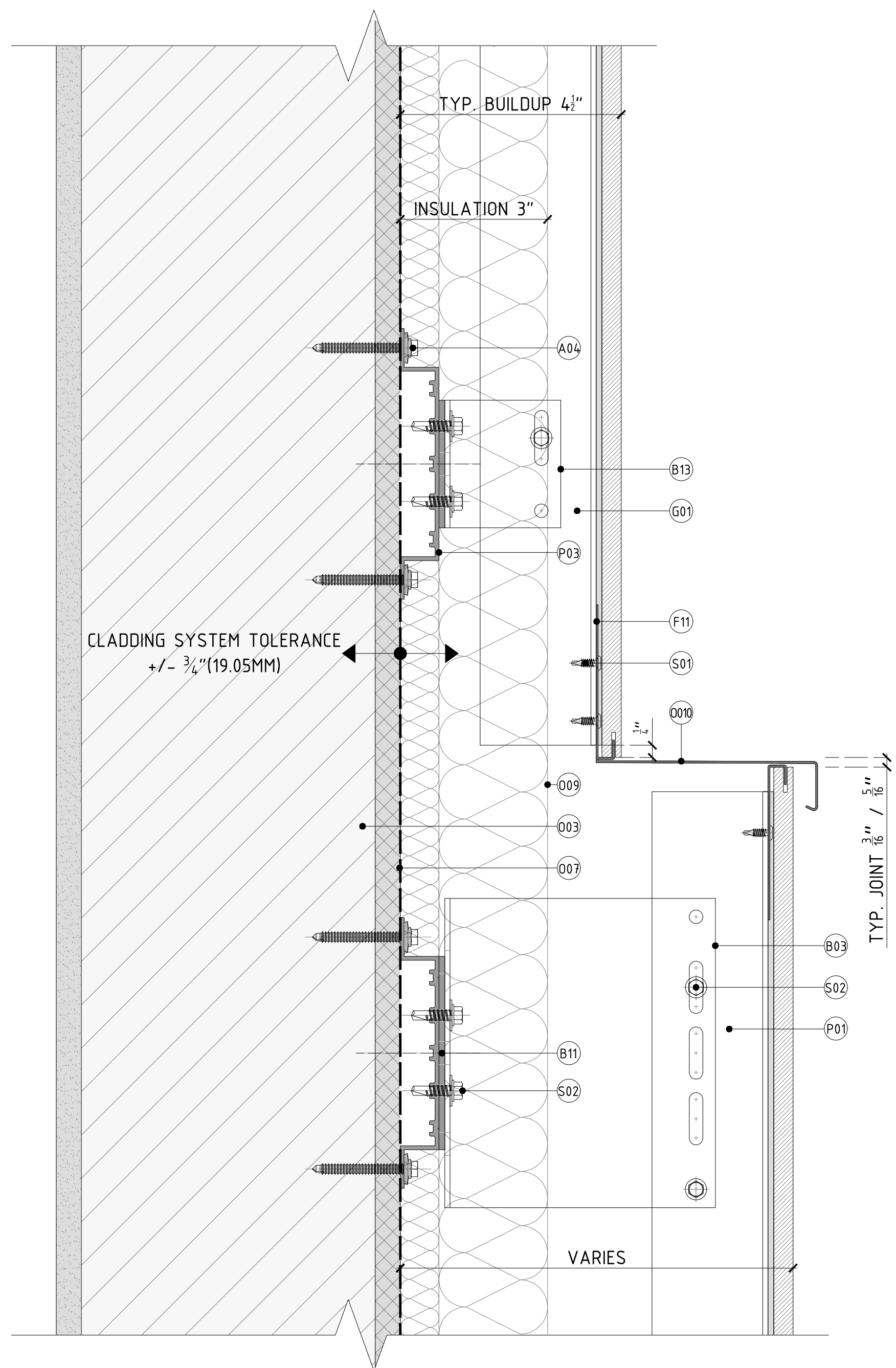
SHEET TITLE:
DETAIL OF CHANGE IN PLANE
OF FACADE

SCALE:
HALF SIZE @ARCH D 3"-1'-0" @ARCH C

SHEET NO: REVISION:

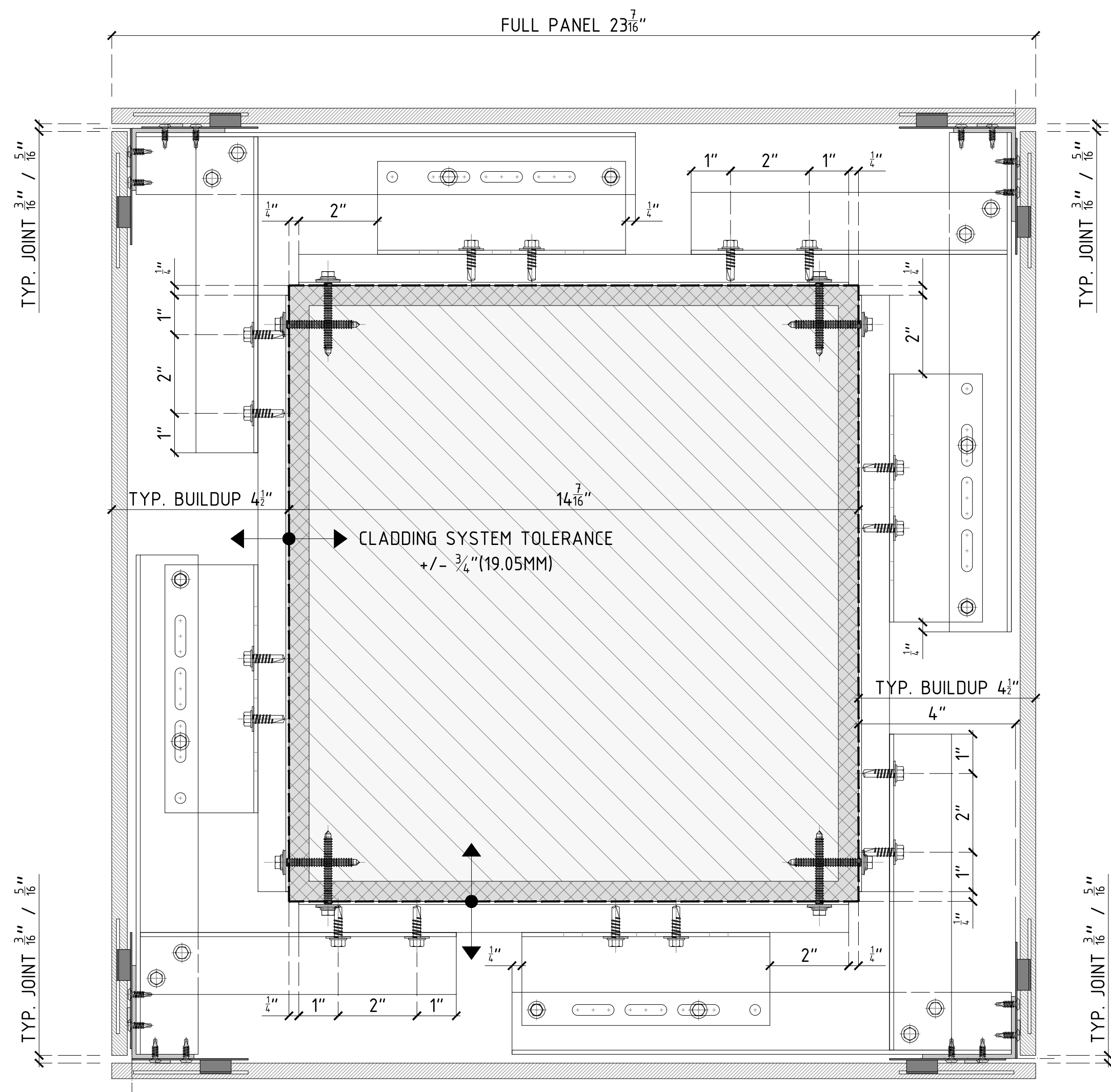


DETAIL A - TYP. PLAN DETAIL @ SYSTEM DEPTH VARIATION

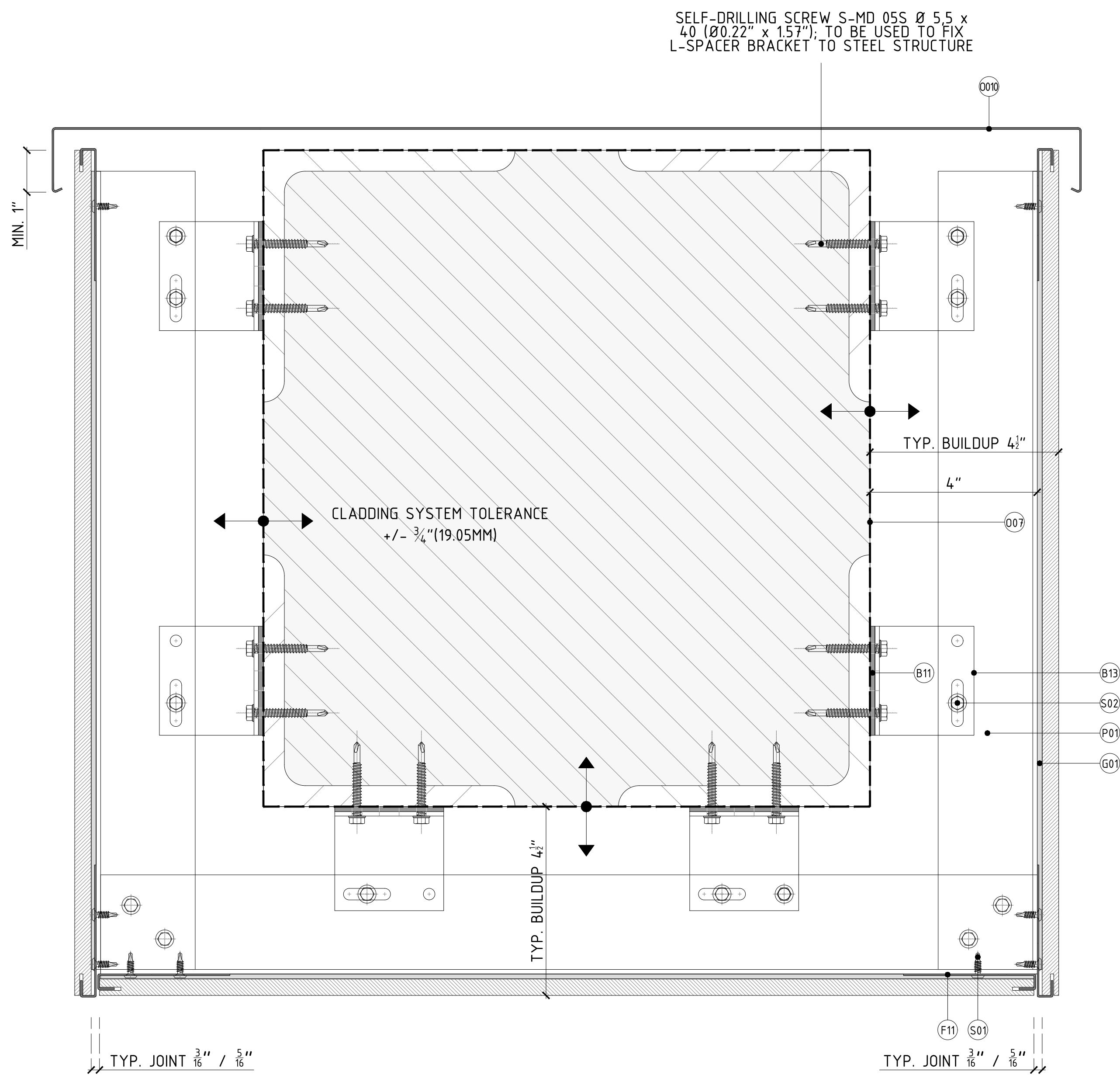


DETAIL B - TYP. WALL SECTION DETAIL @ SYSTEM DEPTH VARIATION

IMPORTANT NOTES:
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DETAIL A - TYP. PLAN DETAIL @ COLUMN



DETAIL B - TYP. WALL SECTION DETAIL @ TRELLIS

CODE	ITEM DESCRIPTION:
A04	VFS ANCH METAL STUD SHEATH HLT & MAX
B01	VFS THERMAL BRIDGE 1/8\"
B03	VFS DOUBLE L-BRACKET 2-6/16\"
B11	VFS THERMAL BRIDGE 1/8\"
B13	VFS SINGLE L-BRACKET 2-6/16\"
F11	VFS FIXING DEPTH 15MM START/END BL
F12	VFS FIXING DEPTH 15MM JOINT 3/16\"
F13	VFS FIXING DEPTH 15MM JOINT 3/16\"
G03	STUD WALL 6\"-HGA, 16\" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING
G07	DAMP-PROOF COARSE (DPC)
G08	WINDOW SYSTEM
G09	THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS AND ALUMINUM ON THE OTHER
O10	ALUMINUM FLASHING
P01	VFS PROFILE T 10FT (10)
P02	VFS PROFILE L 10FT (10)
P03	VFS PROFILE DREGA 10FT (10)
S01	VFS SCREW FIXING PLATE
S02	VFS SCREW PROFILES T/L (INCL WASHER)

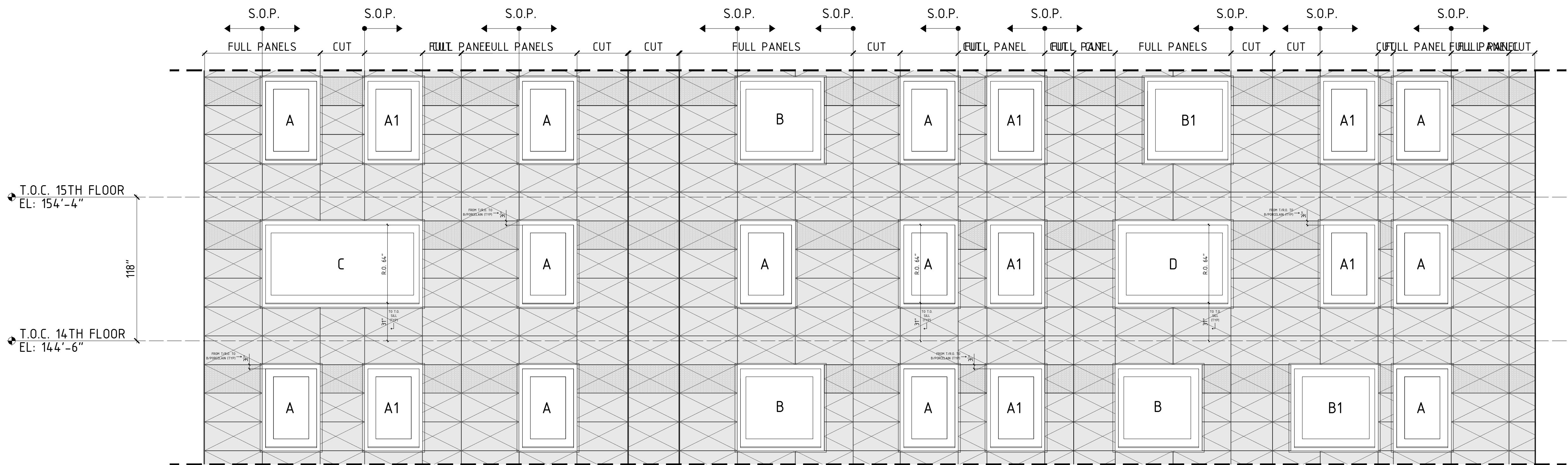
REVISIONS:		
DATE	REV	DESCRIPTION

SHEET TITLE:
COLUMN & TRELLIS SOLUTION

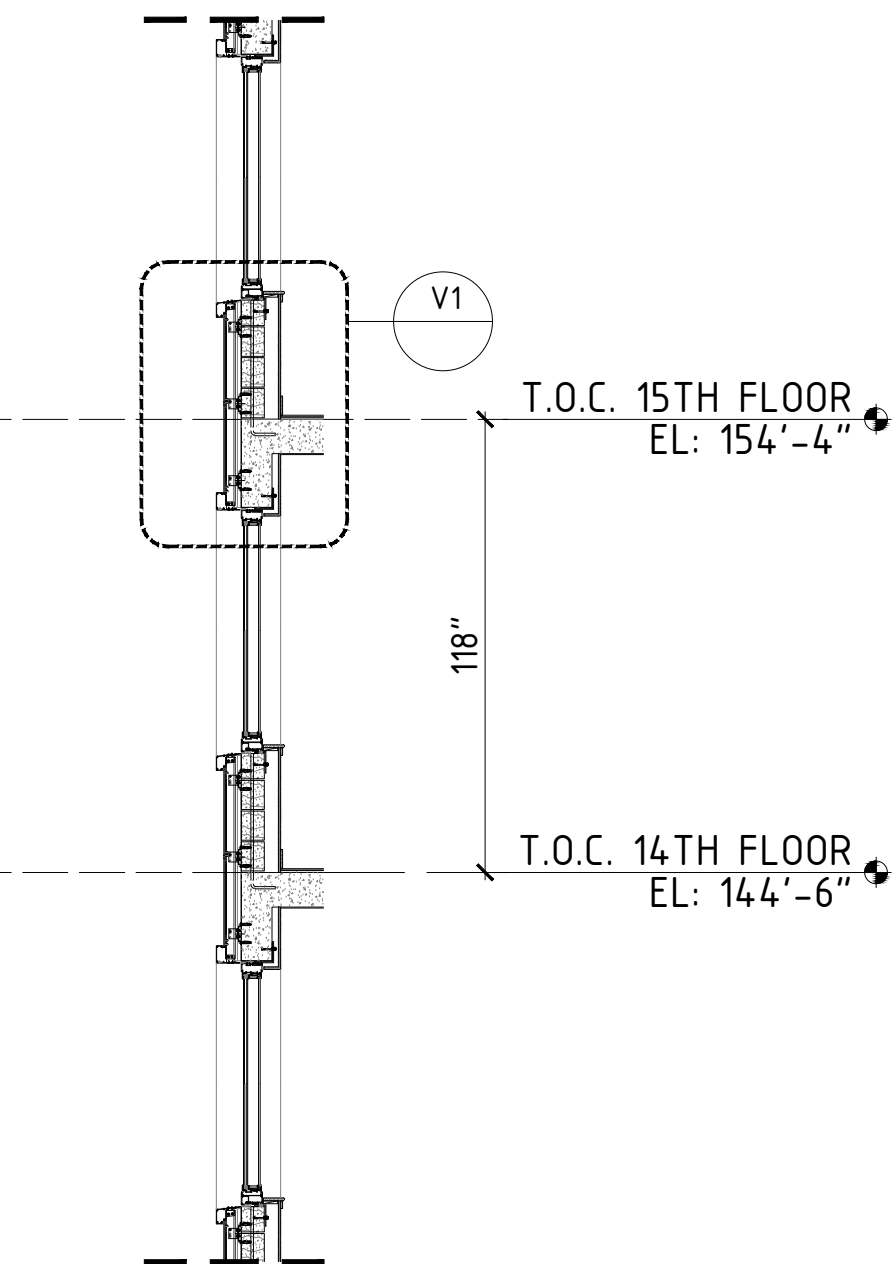
SCALE:
HALF SIZE @ARCH D 3\"/>

SHEET NO: REVISION:

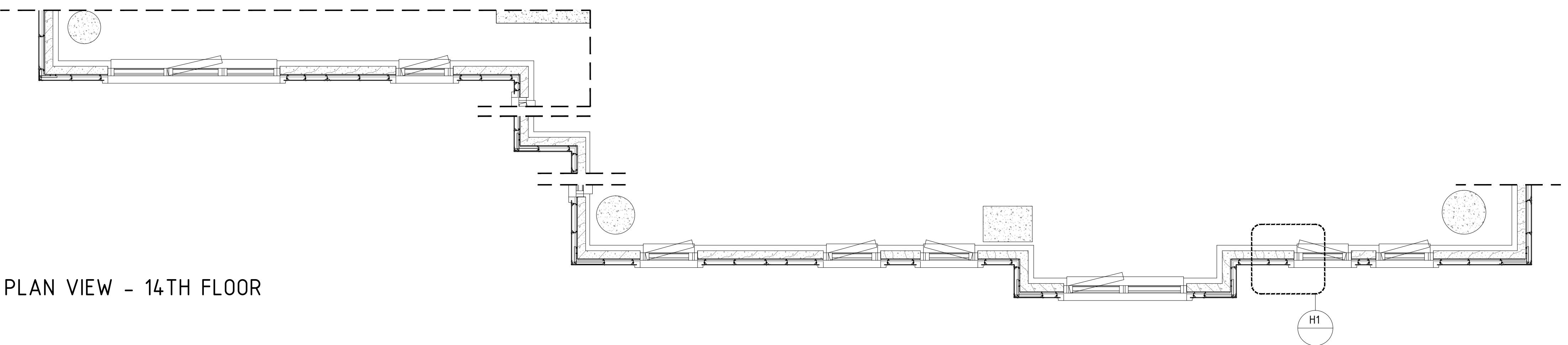
IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMPASS - ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.



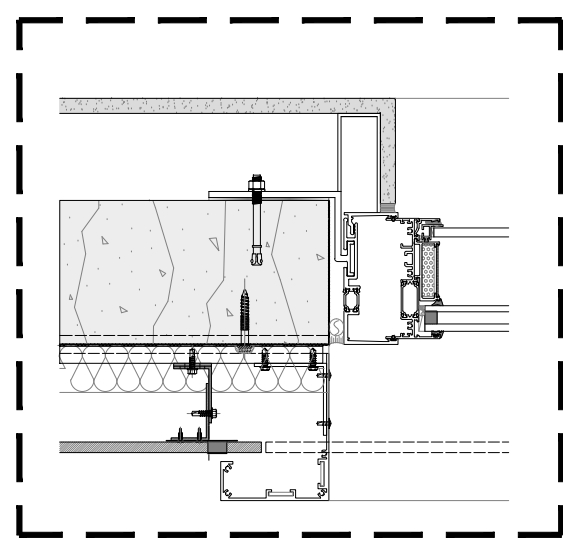
PANEL LAYOUT - 14TH FLOOR



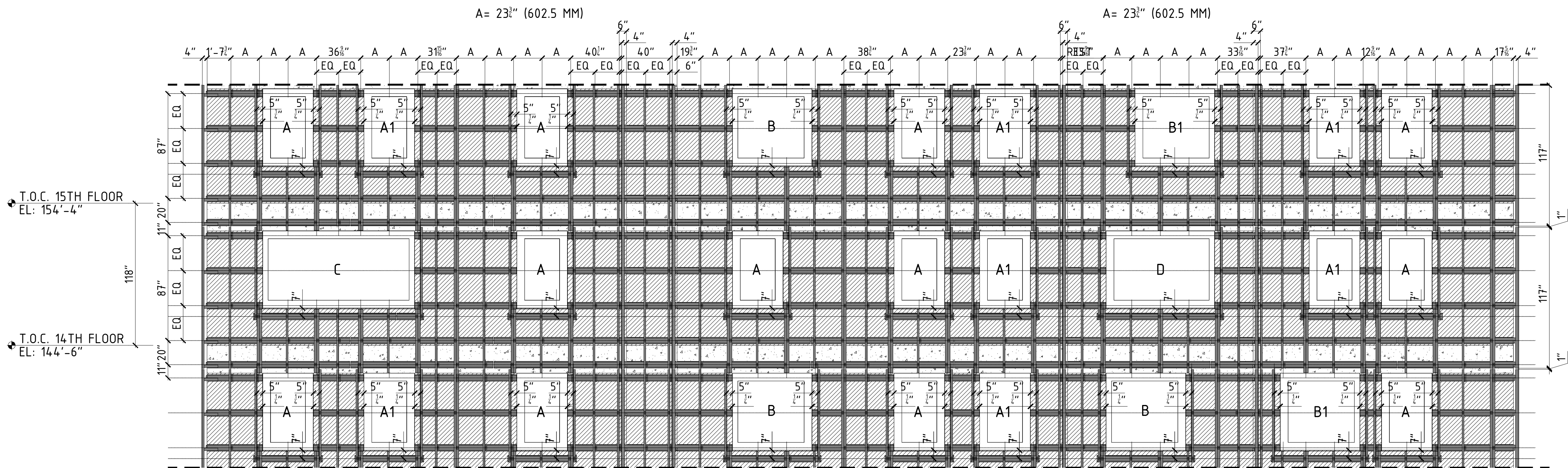
SECTION - 14TH FLOOR



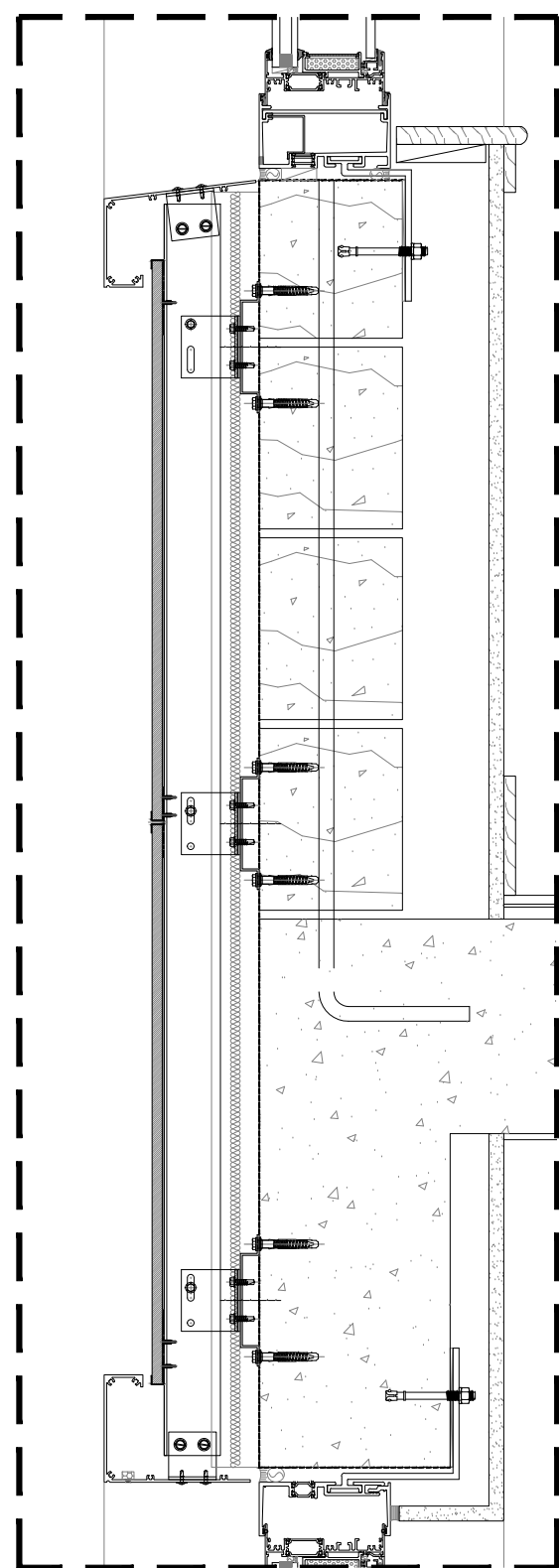
PLAN VIEW - 14TH FLOOR



H1 DETAIL @ WINDOW JAMB



SUBSTRUCUTRE LAYOUT - 14TH FLOOR



V1 DETAIL @ WINDOW HEAD & SILL

PANEL LEGEND

TOWER

47 1/2" x 23 1/2"
1200x596mm

PANEL A.1
COLOR: EXTREME WHITE

47 1/2" x 23 1/2"
1200x588.2mm

PANEL A.2
COLOR: EXTREME WHITE

SHEAR WALL & PODIUM

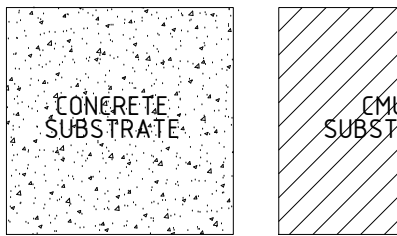
47 1/2" x 23 1/2"
1200x596mm

PANEL B.1
COLOR: CUBICA

47 1/2" x 23 1/2"
1200x588.2mm

PANEL B.2
COLOR: CUBICA

SUBSTRATE LEGEND



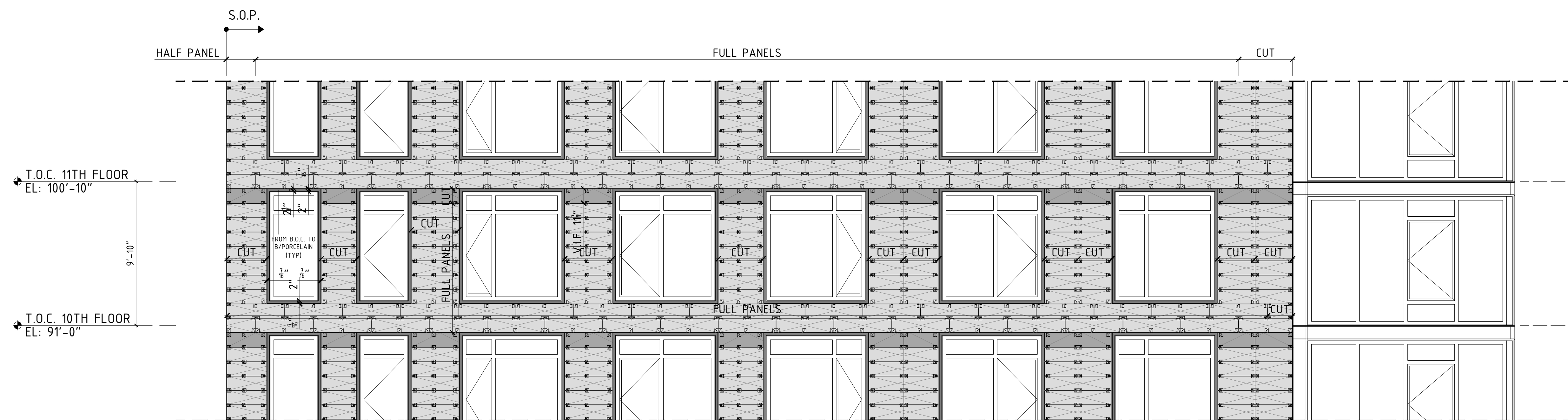
REVISIONS:		
DATE	REV.	DESCRIPTION

SHEET TITLE:
EXAMPLE OF SHOP
DRAWINGS 1
ALTA LIC TOWER
RESIDENTIAL BUILDING

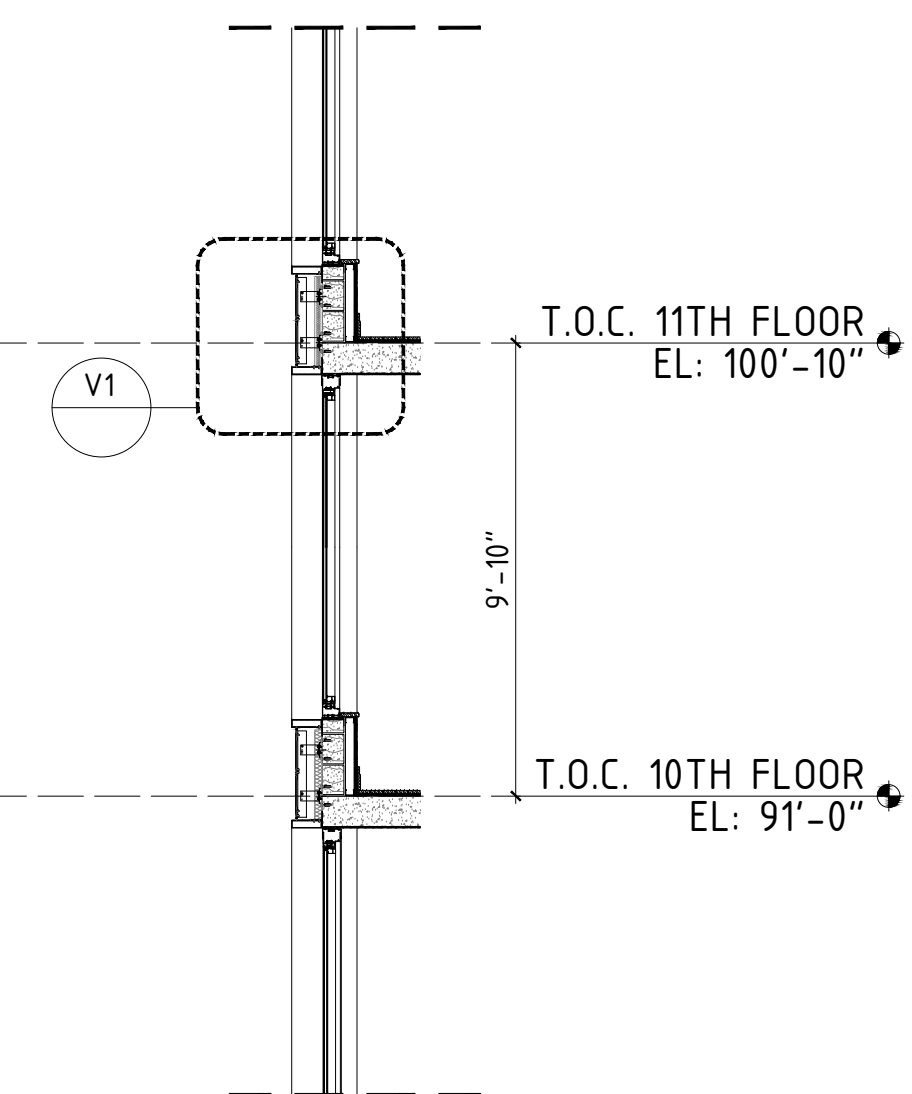
SCALE:

SHEET NO: 640

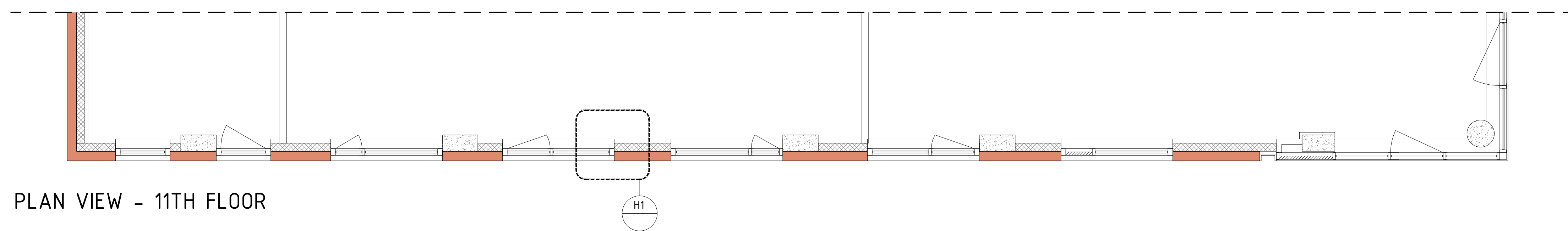
REVISION:



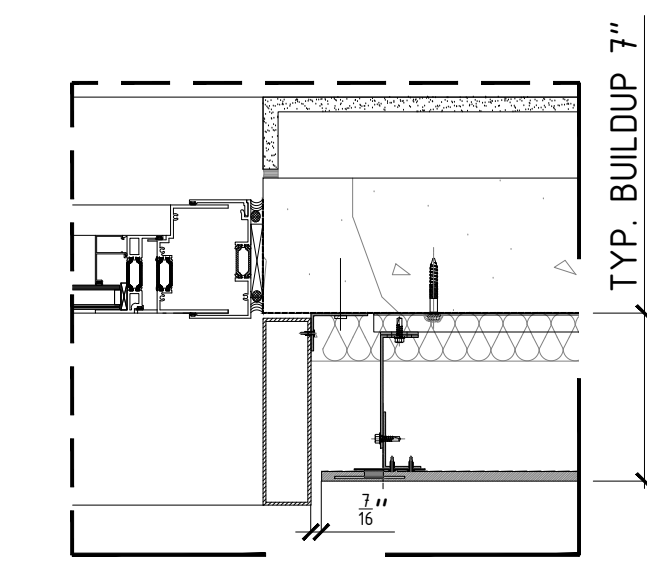
PANEL LAYOUT - 11TH FLOOR



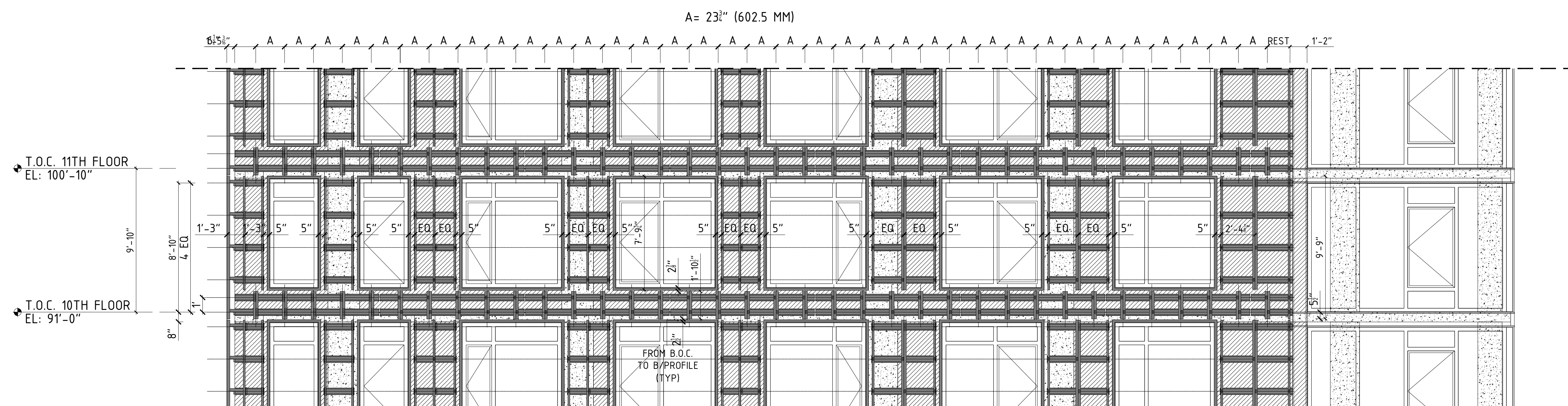
SECTION - 11TH FLOOR



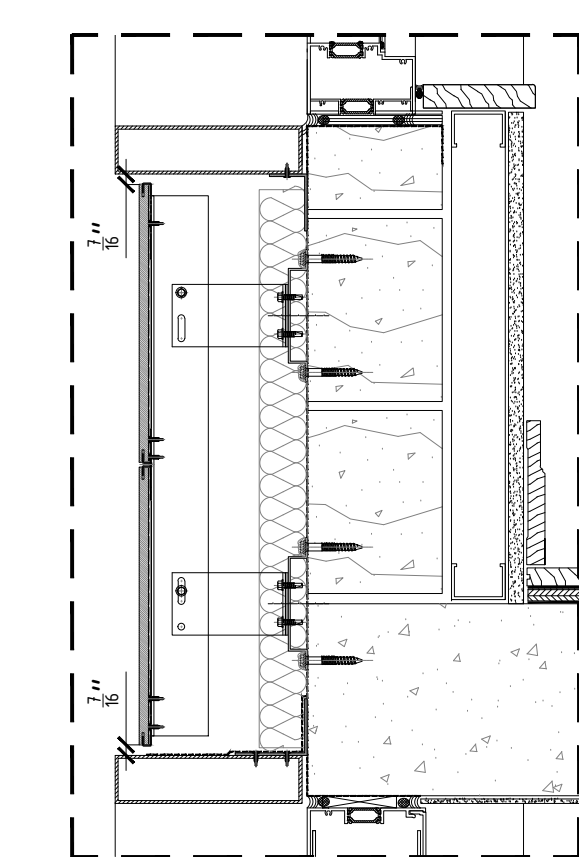
PLAN VIEW - 11TH FLOOR



(H1) DETAIL @ WINDOW JAMB



SUBSTRUCUTRE LAYOUT - 11TH FLOOR



(V1) DETAIL @ WINDOW HEAD & SILL

REVISIONS:		
DATE	REV.	DESCRIPTION

SHEET TITLE:
EXAMPLE OF SHOP
DRAWINGS 2
THE NEVINS APARTMENT
BUILDING

SCALE:

SHEET NO:

REVISION:

PORCELANOSA
FACADE/

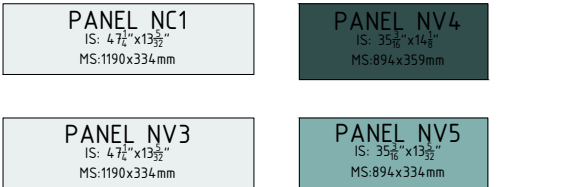
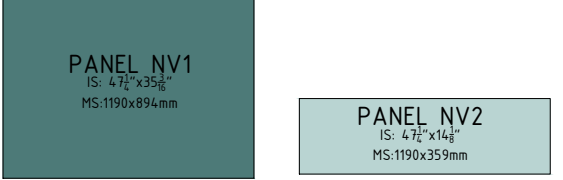
IMPORTANT NOTES:
PLEASE NOTE: THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE THESE CONCEPTUAL DETAILS INTO ARCHITECTURAL DRAWINGS.

PANEL LEGEND

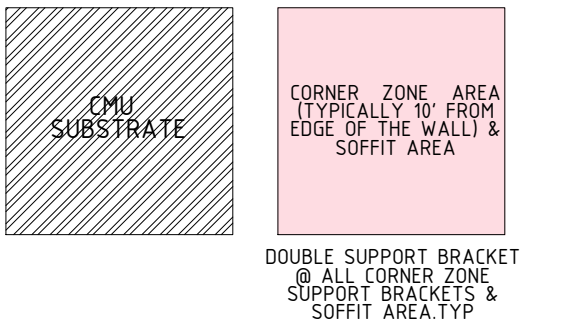
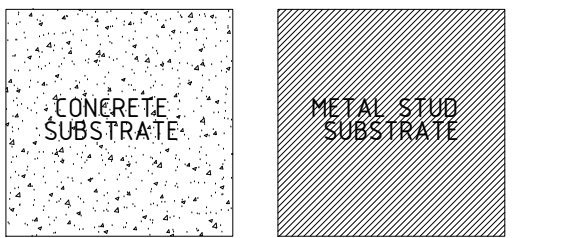
COLOR TOWN WHITE NATURE



COLOR TOWN NOUËL NATURE



SUBSTRATE LEGEND



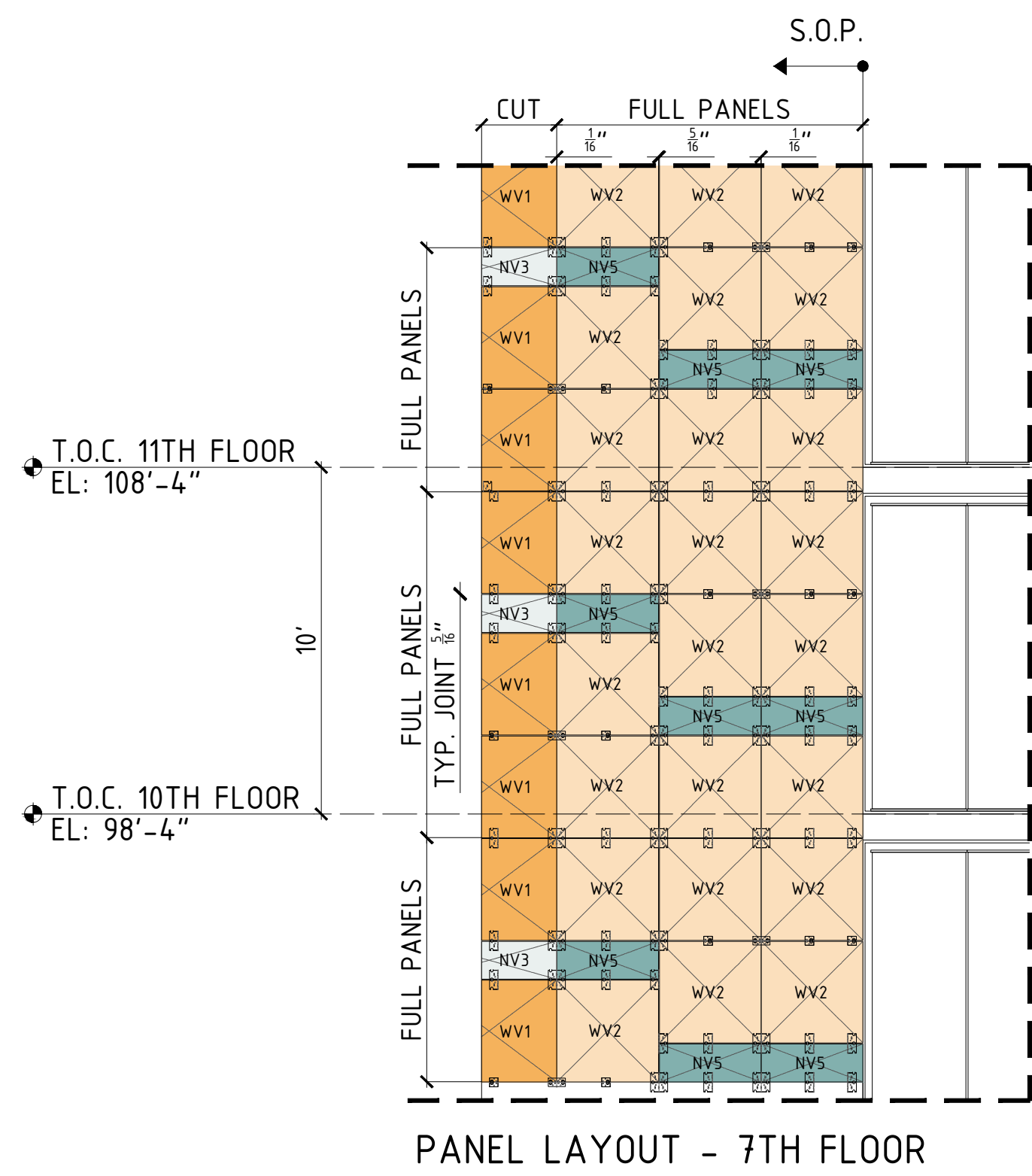
REVISIONS:		
DATE	REV.	DESCRIPTION

SHEET TITLE:
EXAMPLE OF SHOP
DRAWINGS 3
COURTYARD HOTEL BY
MARRIOTT

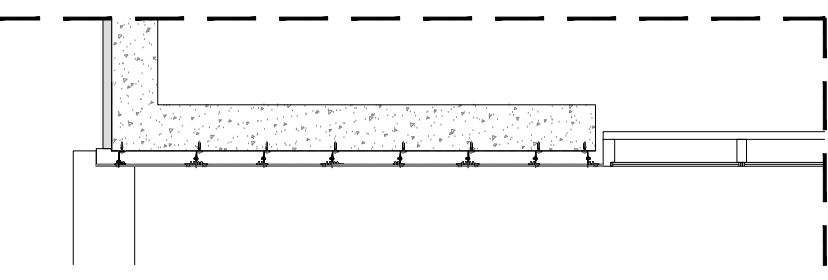
SCALE:

SHEET NO: REVISION:

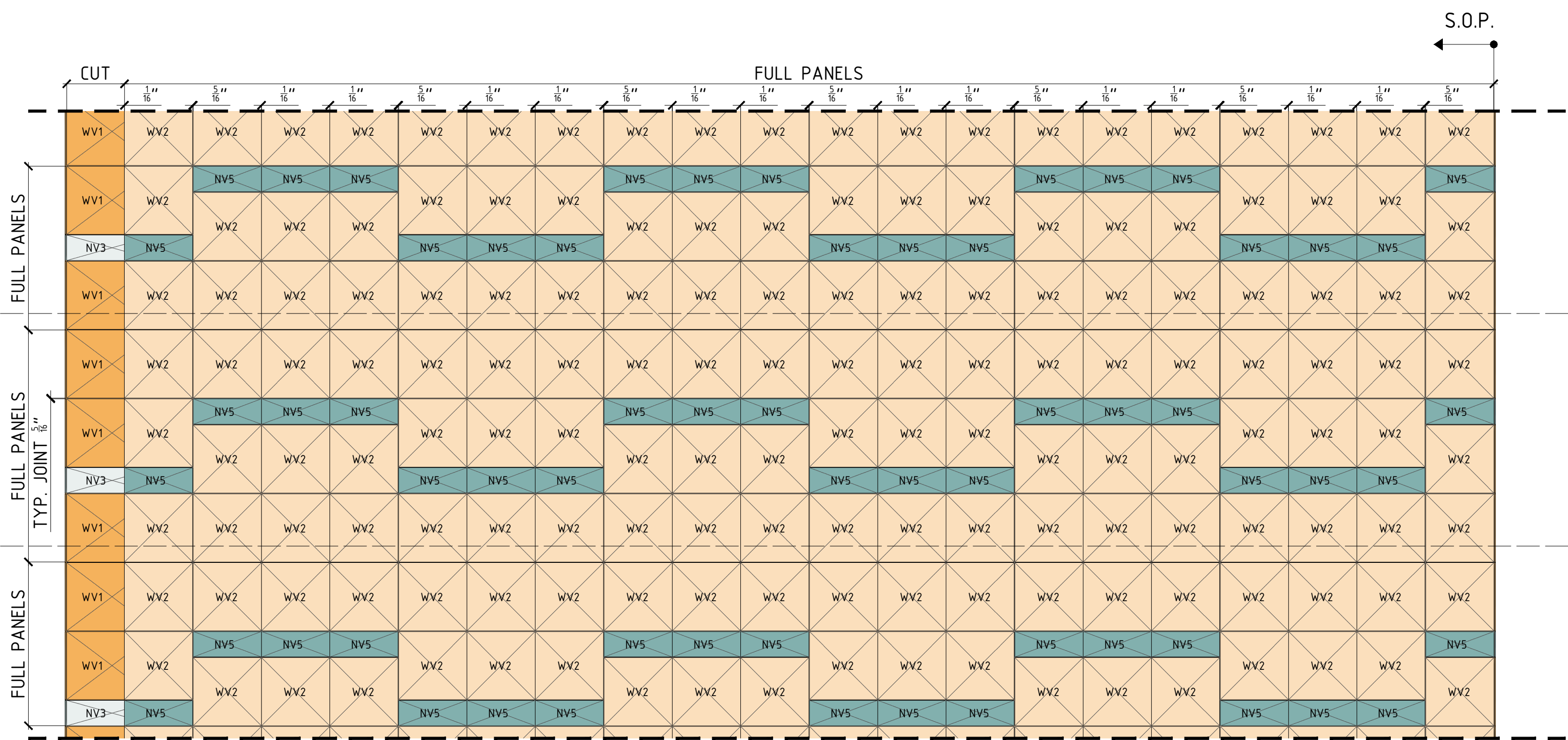
642



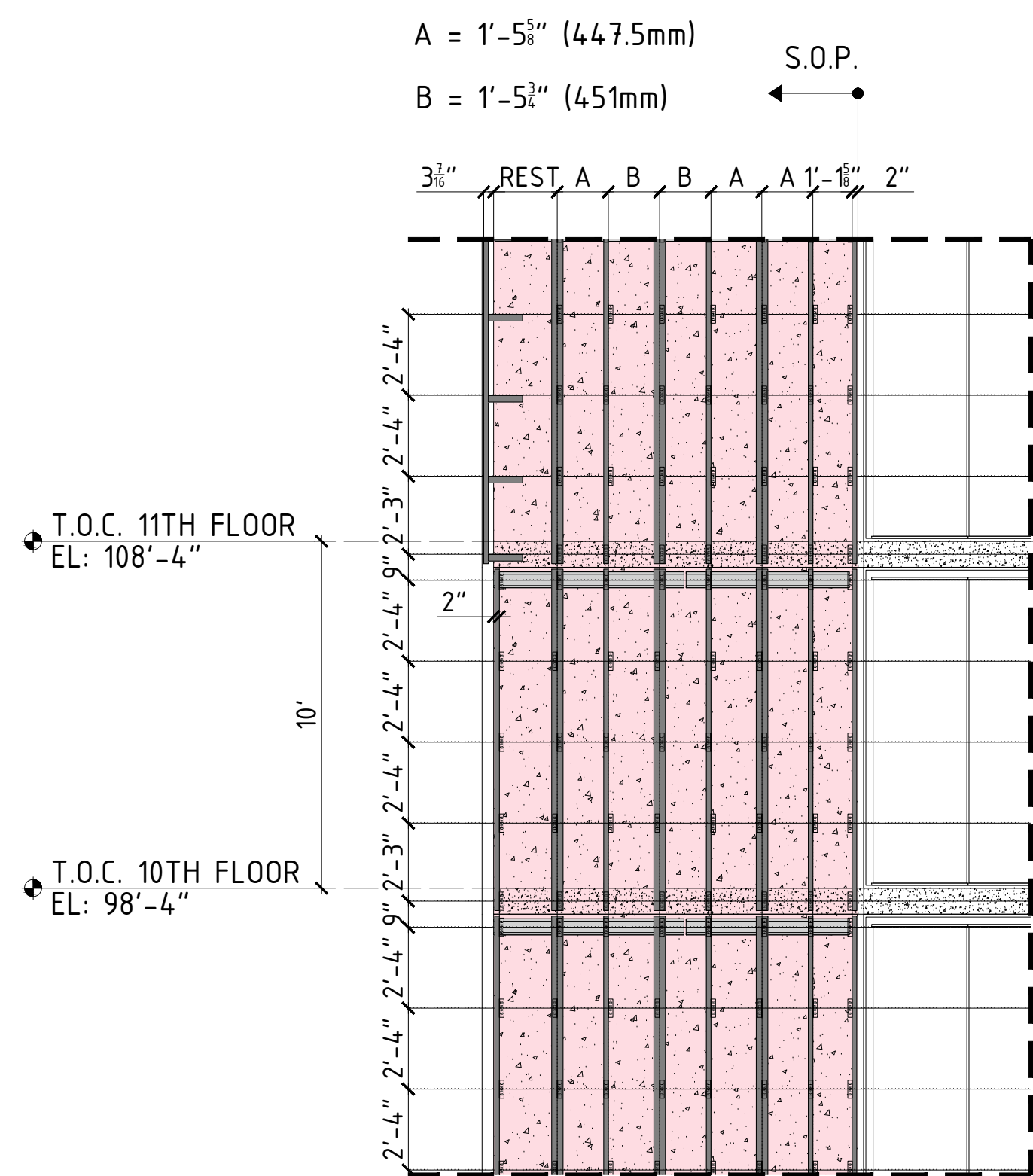
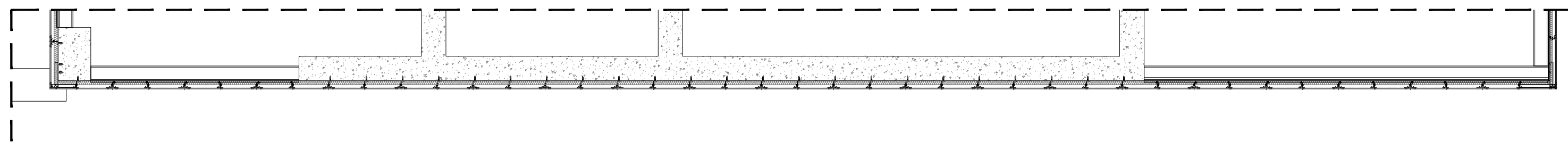
PANEL LAYOUT - 7TH FLOOR



PLAN VIEW - 7TH FLOOR



SECTION - 14TH FLOOR



SUBSTRUCUTRE LAYOUT - 7TH FLOOR

