

FACADE
PORCELANOSA

**Porcelain
Open-joint
cladding solution**

INDEX

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PROJECT NAME:
DETAILS BOOK

COMPANY:



PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
INDEX

SCALE:

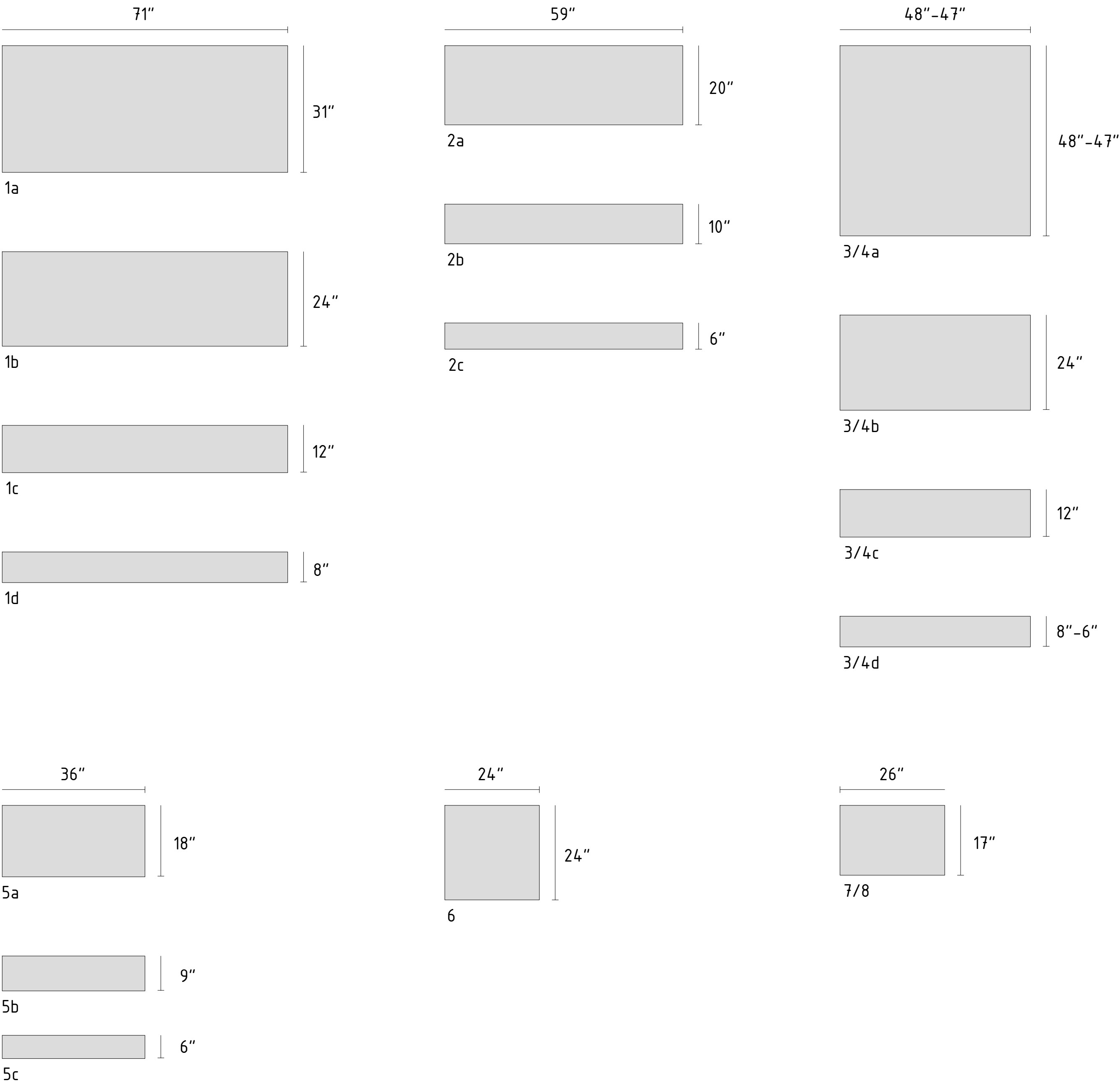
SHEET NO:

100

REVISION:

A

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.

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	35-7/16"	900	17-11/16"	450	0,41"	10,5
5b	35-7/16"	900	8-11/16"	220	0,41"	10,5
5c	35-7/16"	900	5-5/8"	143	0,41"	10,5
6	23-7/16"	596	23-7/16"	596	0,44"	11,2
7	26"	660	17-5/16"	440	0,41"	10,5
8	25-15/16"	659	17-1/8"	435	0,41"	10,5

SAFETY FIBERGLASS MESH



*ALL PORCELAIN PANELS ARE SUPPLIED BACKED WITH FIBERGLASS SAFETY MESH. THE FUNCTION OF THIS MESH IS A SAFETY MEASURE IN CASE A PANEL IS DAMAGED.

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18
B	10/31/19

SHEET TITTLE:
RAINSCREEN PORCELAIN PANEL
THE CLADDING SYSTEM
STANDARD PORCELAIN PANELS
MOLDS & SIZES

SCALE:
NTS

SHEET NO:

101.1

REVISION:

B

STANDARD PORCELAIN PANELS – CODES & SPEC LEGEND

PANEL SIZE		SAMPLE	SPEC.	CODE
1a 70 ¹ / ₂ "x31 ¹ / ₂ " (1800x800MM)	HORIZONTAL		ML+R8H	2
	VERTICAL		ML+R4V+R4H	4
1b 70 ¹ / ₂ "x23 ¹ / ₂ " (1800x596MM)	HORIZONTAL		ML+R8H	2
	VERTICAL		ML+R4V+R4H	4
1c 70 ⁷ / ₈ "x11 ³ / ₈ " (1800x294MM)	HORIZONTAL		ML+R8H	2
	VERTICAL	not recommended	-	-
1d 70 ¹ / ₂ "x7 ⁵ / ₈ " (1800x193MM)	HORIZONTAL		ML+R8H	2
	VERTICAL	not recommended	-	-

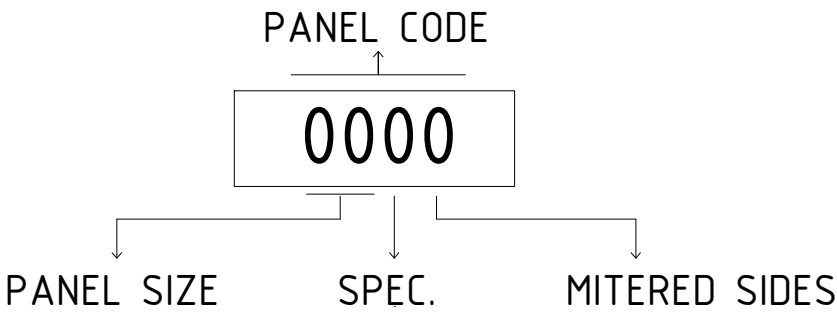
PANEL SIZE		SAMPLE	SPEC.	CODE
5a 35 ¹ / ₂ "x17 ¹¹ / ₁₆ " (900x450MM)	HORIZONTAL		MLL+R6H	5
			MLL+R4H	7
	VERTICAL		MLL+R4V+R2H	3
			MLL+R4V	8
5b 35 ⁷ / ₈ "x8 ¹¹ / ₁₆ " (900x220MM)	HORIZONTAL		MLL+R6H	5
	VERTICAL		MLL+R4V+R2H	3
5c 35 ⁷ / ₈ "x5 ⁵ / ₈ " (900x143MM)	HORIZONTAL		MLL+R6H	5
	VERTICAL		MLL+R2V	9

PANEL SIZE		SAMPLE	SPEC.	CODE
2a 59"x19 ¹¹ / ₁₆ " (1500x500MM)	HORIZONTAL		MLL+R8H	2
	VERTICAL		MLL+R4V+R2H	3
2b 59"x9 ³ / ₈ " (1500x250MM)	HORIZONTAL		MLL+R8H	2
	VERTICAL	not recommended	-	-
2c 59"x6 ¹ / ₂ " (1500x165MM)	HORIZONTAL		MLL+R8H	2
	VERTICAL	not recommended	-	-

PANEL SIZE		SAMPLE	SPEC.	CODE
6 23 ⁷ / ₁₆ "x23 ⁷ / ₁₆ " (596x596MM)	HORIZONTAL/ VERTICAL		R4H	7

PANEL SIZE		SAMPLE	SPEC.	CODE
3/4a 47 ¹ / ₂ "x47 ¹ / ₂ " (1200x1200MM)	HORIZONTAL/ VERTICAL		MLL+R2V+R6H	6
3/4b 47 ¹ / ₂ "x23 ¹ / ₈ " (1200x596MM)	HORIZONTAL		MLL+R6H	5
	VERTICAL		MLL+R4V+R2H	3
3/4c 47 ¹ / ₂ "x6 ¹ / ₂ " (1200x294MM)	HORIZONTAL		MLL+R6H	5
	VERTICAL		MLL+R4V+R2H	3
3/4d 47 ¹ / ₂ "x7 ³ / ₈ " (1200x193MM)	HORIZONTAL		MLL+R6H	5
	VERTICAL	not recommended	-	-

PANEL SIZE		SAMPLE	SPEC.	CODE
7/8 26"x17 ⁵ / ₁₆ " (660x440MM)	HORIZONTAL		R4H	7
	VERTICAL		R4V	8



SPEC. LEGEND		
0	BASE	PORCELAIN PANEL WITH NO MESH NOR KERF SAW CUTS
1	ML	PORCELAIN PANEL WITH MESH
2	ML+R8H	PORCELAIN PANEL WITH MESH & 8 HORIZONTAL KERF SAW CUTS
3	ML+R4V+R2H	PORCELAIN PANEL WITH MESH & 4 VERTICAL KERF SAW CUTS & 2 HORIZONTAL KERF SAW CUTS
4	ML+R4V+R4H	PORCELAIN PANEL WITH MESH & 4 VERTICAL KERF SAW CUTS & 4 HORIZONTAL KERF SAW CUTS
5	ML+R6H	PORCELAIN PANEL WITH MESH & 6 HORIZONTAL KERF SAW CUTS
6	ML+R2V+R6H	PORCELAIN PANEL WITH MESH & 4 VERTICAL KERF SAW CUTS & 6 HORIZONTAL KERF SAW CUTS
7	ML+R4H	PORCELAIN PANEL WITH MESH & 4 HORIZONTAL KERF SAW CUTS
8	ML+R4V	PORCELAIN PANEL WITH MESH & 4 VERTICAL KERF SAW CUTS
9	ML+R2V	PORCELAIN PANEL WITH MESH & 4 VERTICAL KERF SAW CUTS

MITERED SIDES LEGEND		
0	NO MITER SIDES	
1	LC1	MITERED ONE SHORT SIDE
2	LC2	MITERED TWO SHORT SIDES
3	LL1	MITERED ONE LONG SIDE
4	LL2	MITERED TWO LONG SIDES

PROJECT NAME:
DETAILS BOOK

COMPANY:

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A	10/31/19

SHEET TITTLE:
RAINSCREEN PORCELAIN PANEL
THE CLADDING SYSTEM
STANDARD PORCELAIN PANELS
MOLDS & SIZES

SCALE:

NTS

SHEET NO:

101.2

REVISION:

A

PORCELANOSA PROPRIETARY FIXING SYSTEMS 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. WHEN THE EXPOSED FIXING METHOD IS SELECTED, THERE IS NO NEED FOR KERF SAW CUTS, SINCE THE CLIP WRAPS AROUND TO THE FACE OF THE PANEL.

CONCEALED FIXING METHOD

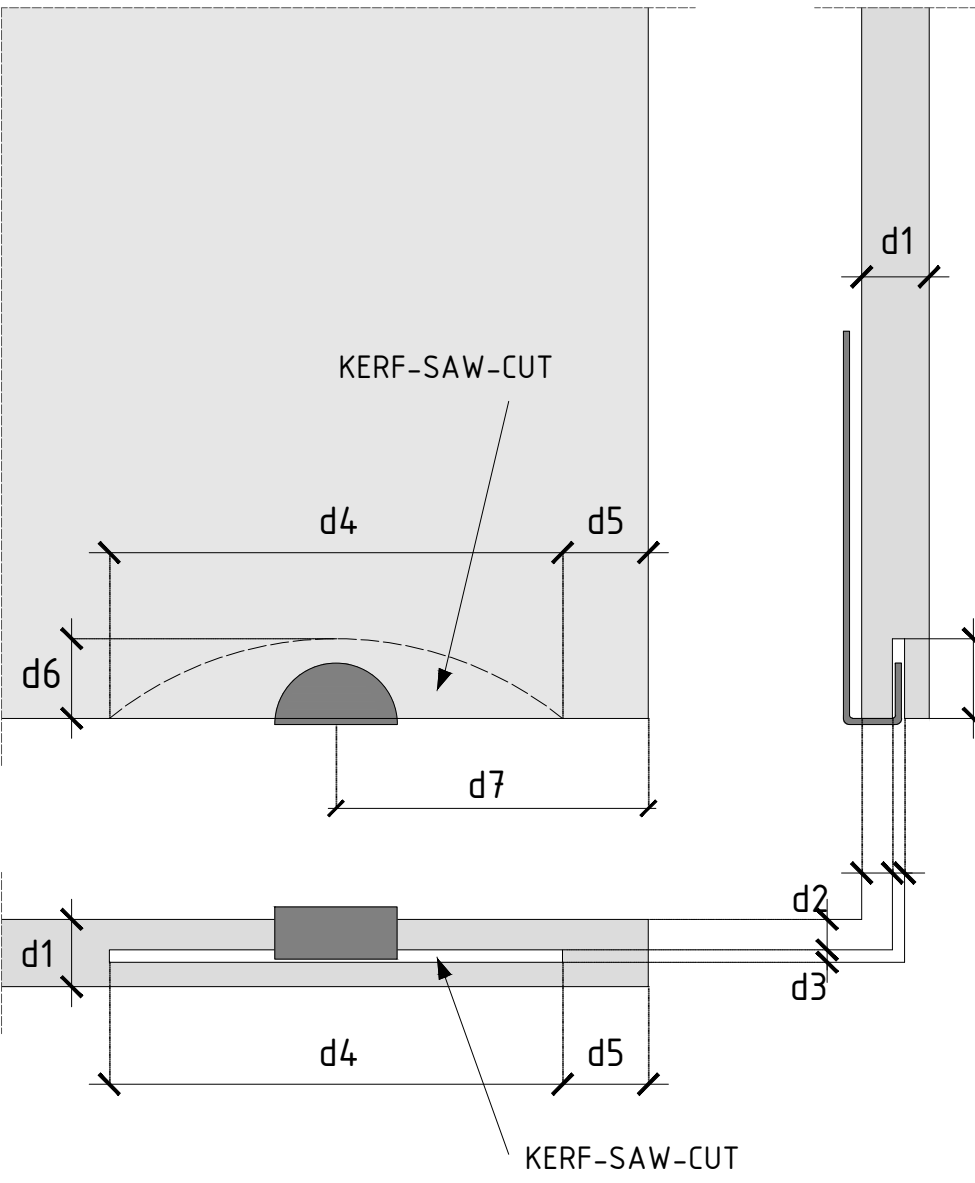
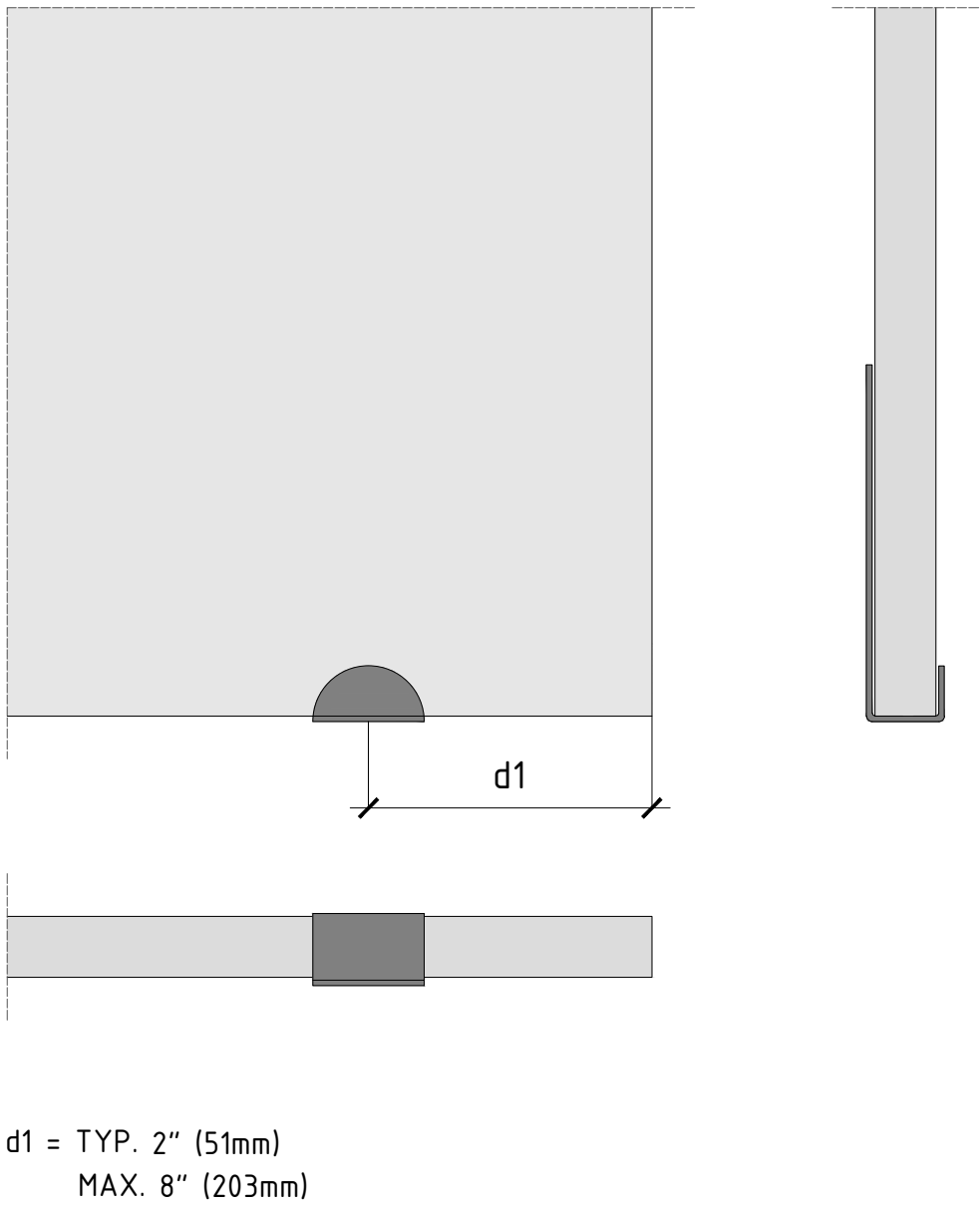


TABLE 2:

d1 = note*	d5 = 0.551" (14mm)
d2 = 0.197" (5mm)	d6 = 0.512" (13mm)
d3 = 0.079" (2mm)	d7= 2" (51mm)
d4 = 2.913" (74mm)	

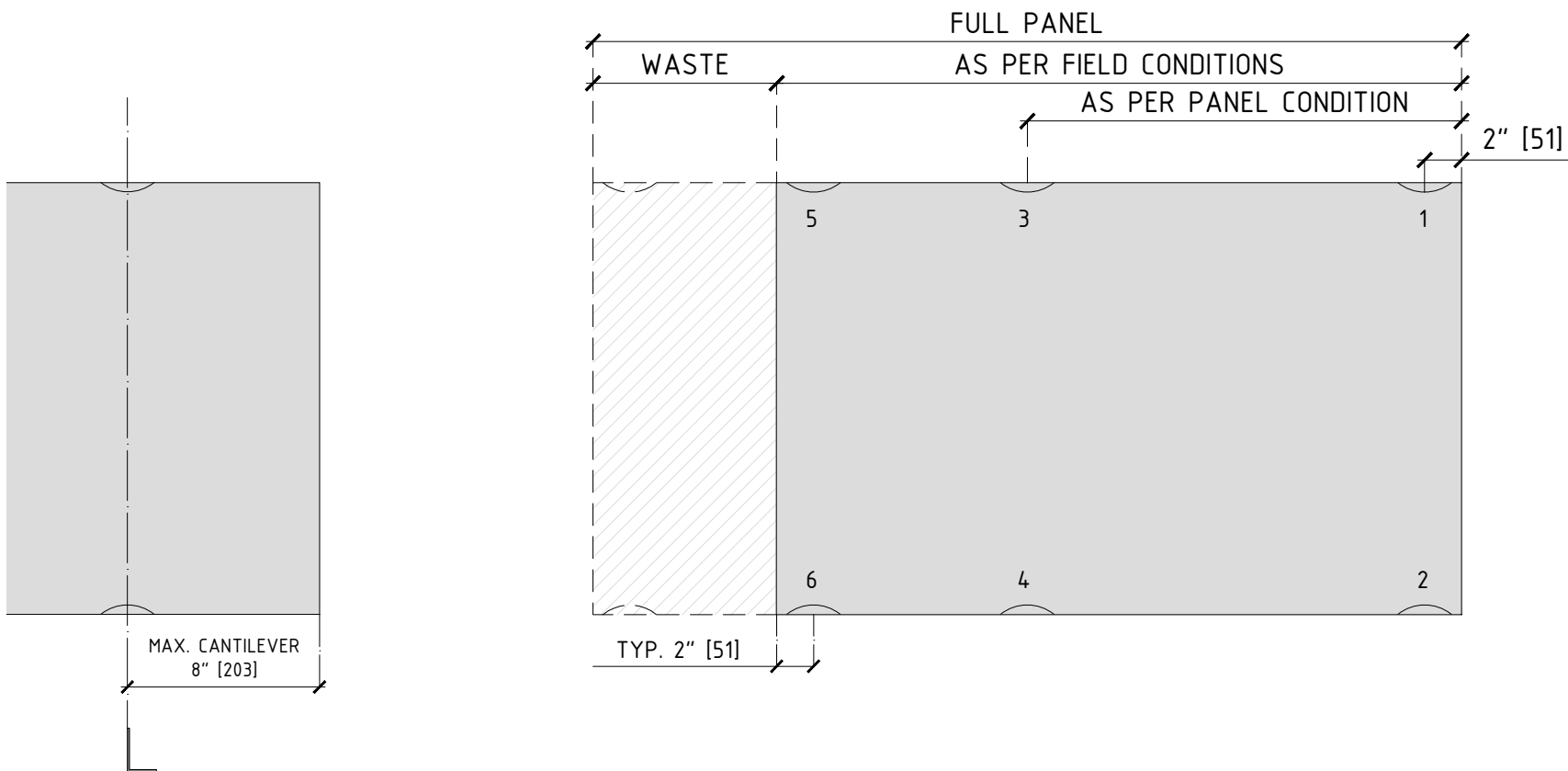
note*
d1= typical thickness 7/16" (11mm)

EXPOSED FIXING METHOD



GUIDELINE FOR DOING KERF SAW CUTS AT JOBSITE

SOME PANELS MIGHT NEED TO BE CUT IN THE FIELD TO ADJUST TO MEET SITE CONDITIONS. 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 than the maximum allowed cantilever of the panel which is 8"

IMPORTANT NOTES:

- Only do new kerfs at the "new edge of the panel".
- Kerfs from factory must be always used if possible
- Kerfs on site not necessary if less than maximum cantilever
- New kerfs can be done with the proper tool. Please contact Porcelanosa for tooling information

KERF SAW CUTTING MACHINE FOR USE AT THE JOBSITE

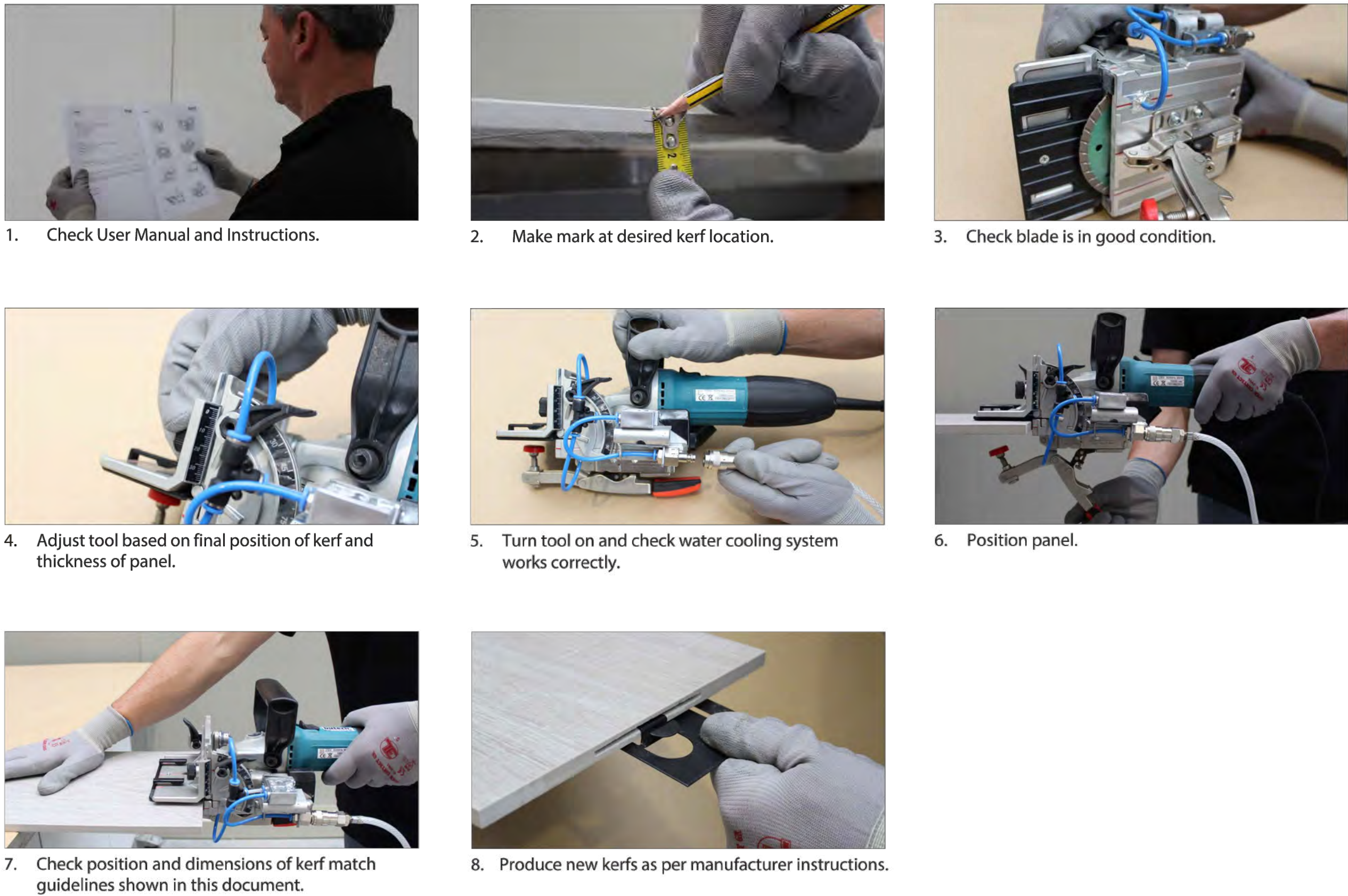
FAÇADE PANELS OUTSIDE THE SIZES SUPPLIED FROM THE FACTORY AS NOTED IN SHOP DRAWINGS, WILL BE REQUIRED TO BE CUT IN THE FIELD BY THE INSTALLER AS NECESSARY.

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 REMADE 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.

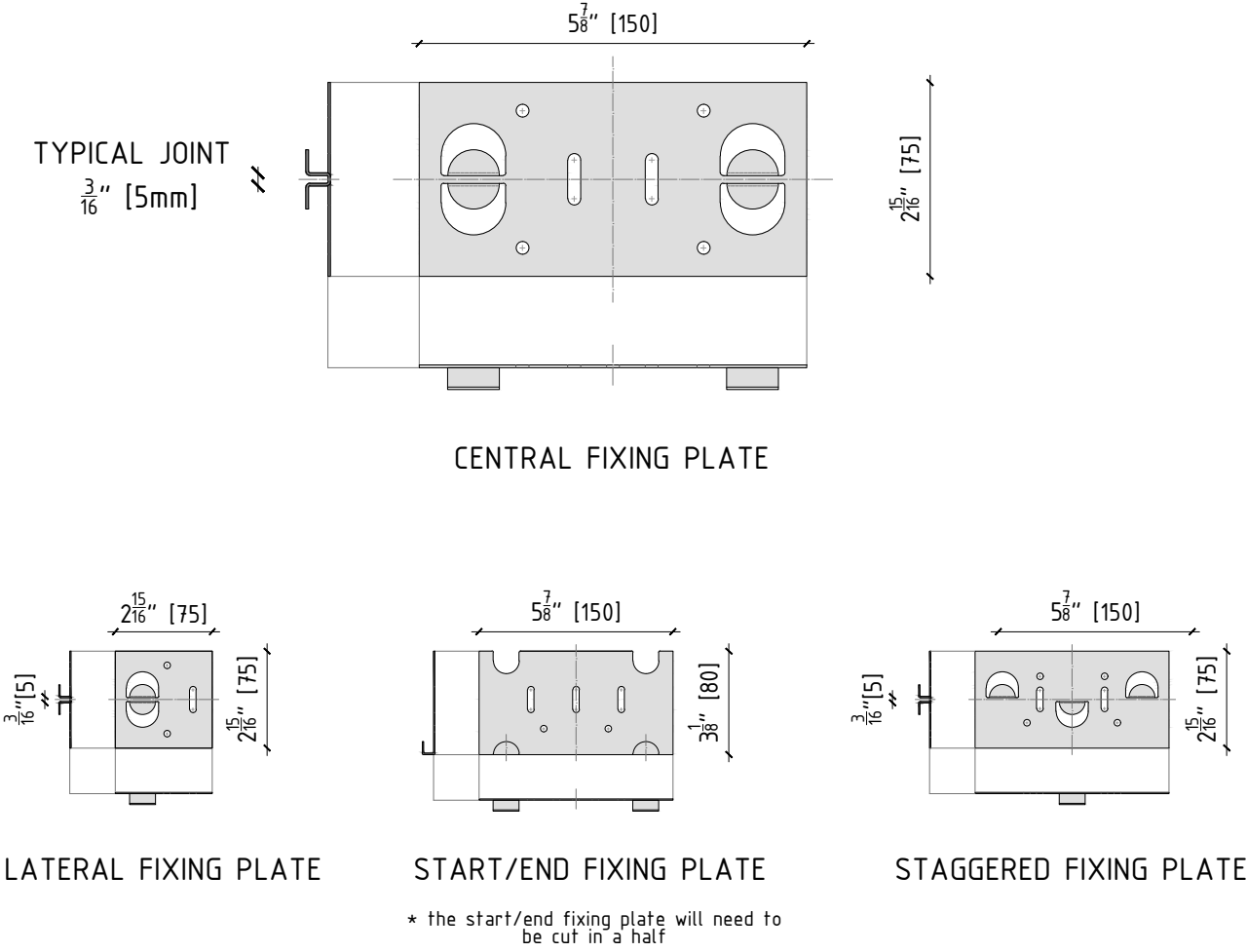
- MAXIMUM LOAD SPEED 11,000 RPM
- 4" DIAMETER SPECIAL PORCELAIN WET CUT BLADE
- EASY ADJUSTMENT TO VARIOUS DEPTHS (3/4" MAX)
- ADJUSTABLE TO 6 POSITIONS
- ADJUSTABLE ANGLE OF BLADE
- SUPPLIED WITH AUTOMATIC WATER COOLING SYSTEM

PROCEDURE FOR DOING THE KERF SAW CUT AT THE JOBSITE

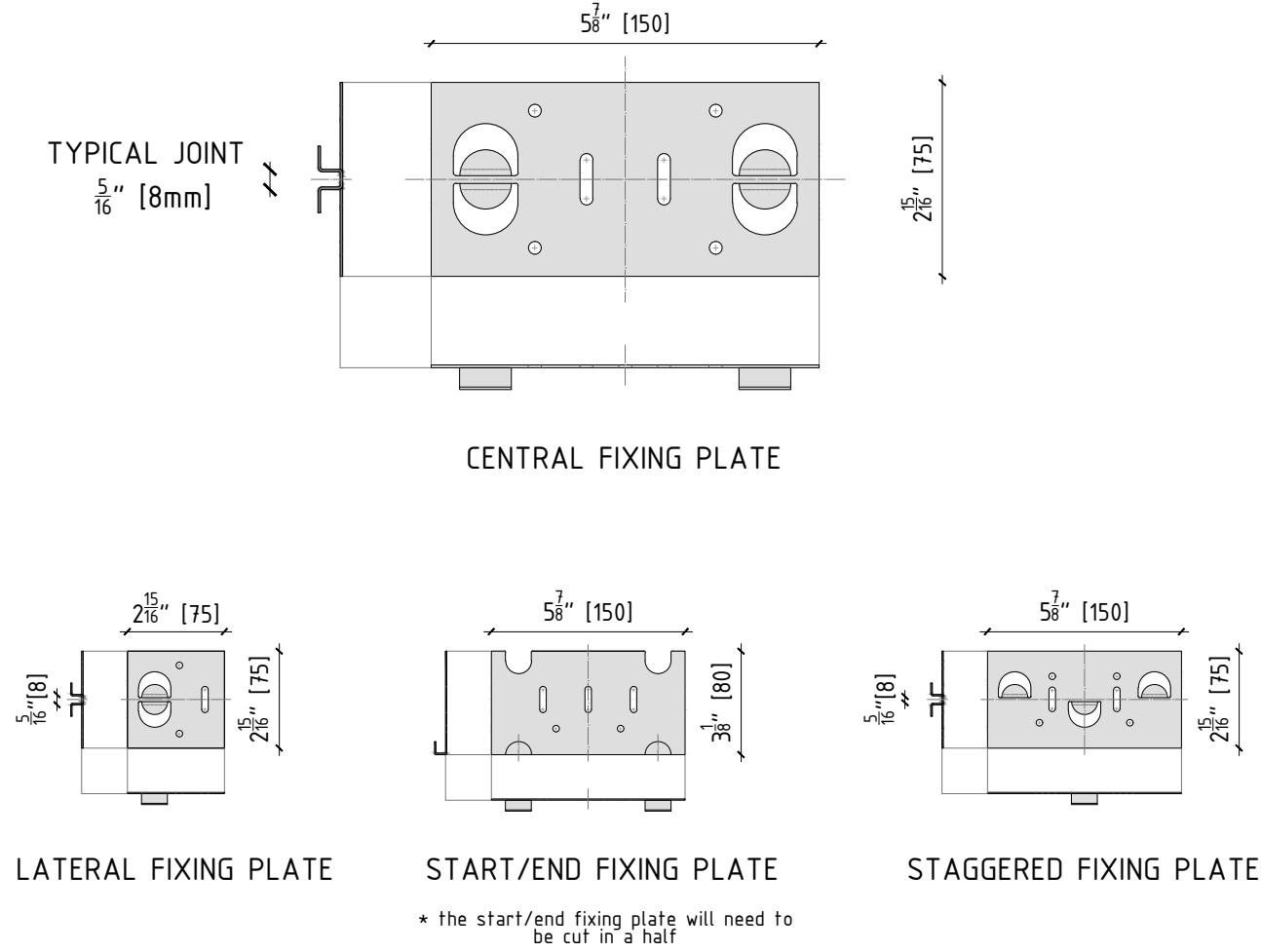


TYPES OF FIXING PLATES

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



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



PROJECT NAME:
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COMPANY:

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
RAINSCREEN PORCELAIN PANEL
THE CLADDING SYSTEM
PORCELANOSA PROPRIETARY
MECHANICAL FIXING SYSTEM:
THE FIXING CLIP

SCALE:

NTS

SHEET NO:

102

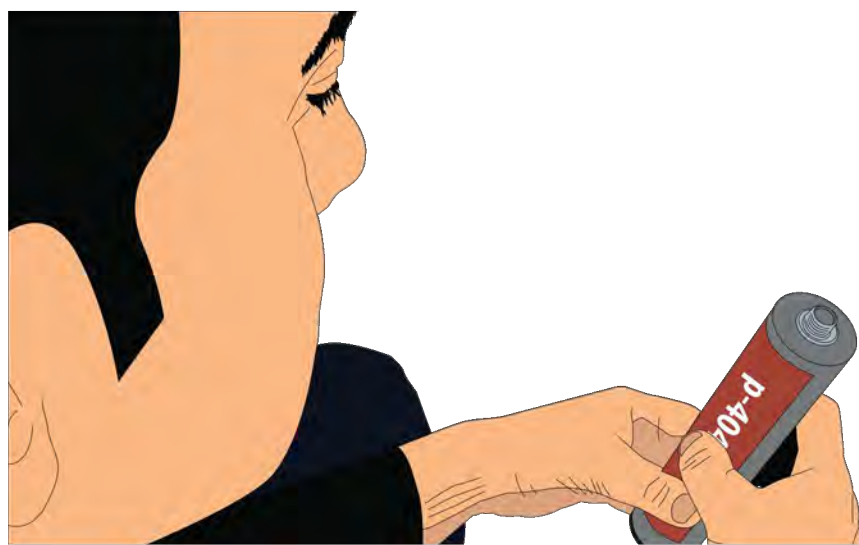
REVISION:

A

Application of p-404



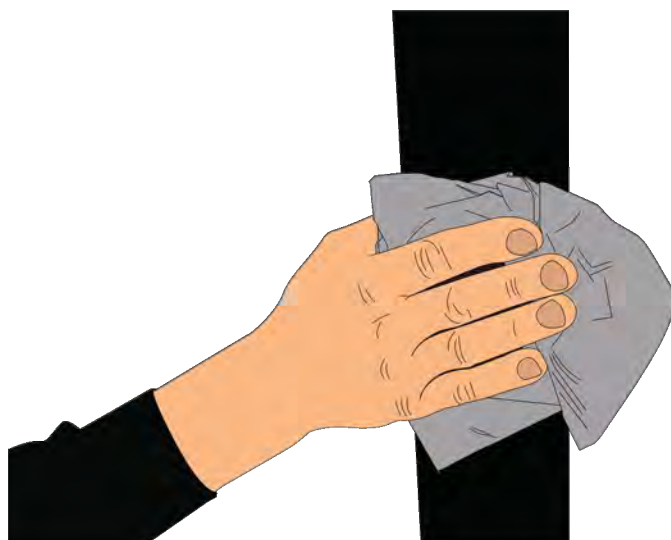
- Step 1. Materials Required:**
- p-404 adhesive.
 - Alcohol or Acetone.
 - Caulking gun, tip and wedges.



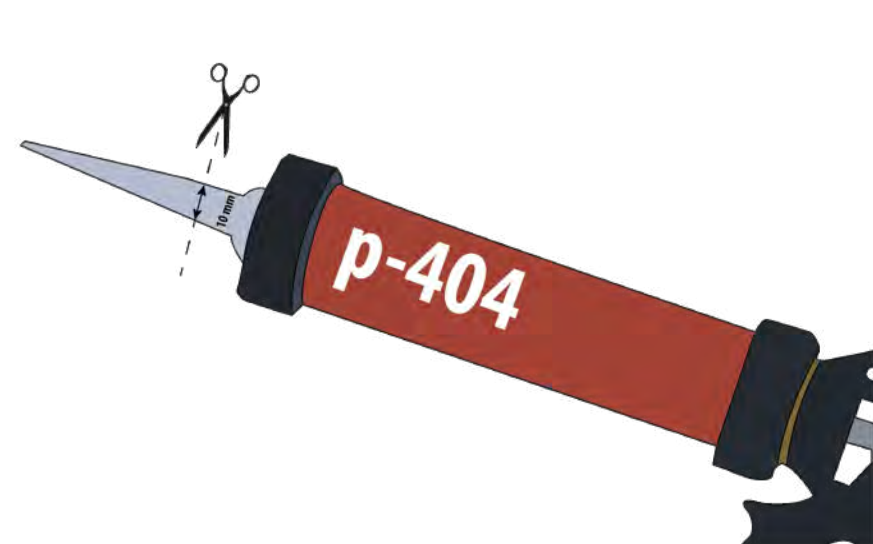
- Step 2. Check Condition**
- Check expiration date.
 - Check the container is in good condition.



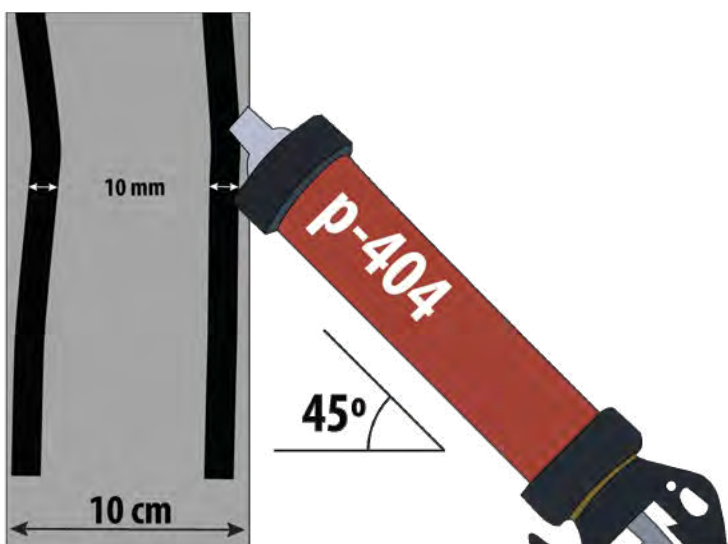
- Step 3. Precautions in Extreme Weather**
- Application of p-404 adhesive requires no special precautions between 40 - 95 °F (5 - 35 °C).
 - Below/above this temperature, the use of thermal protective bags is mandatory until the moment before its application.
 - In order to keep the adhesive in good 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 a straight angle for a hole precisely of 0.4" 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 0.4" 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.



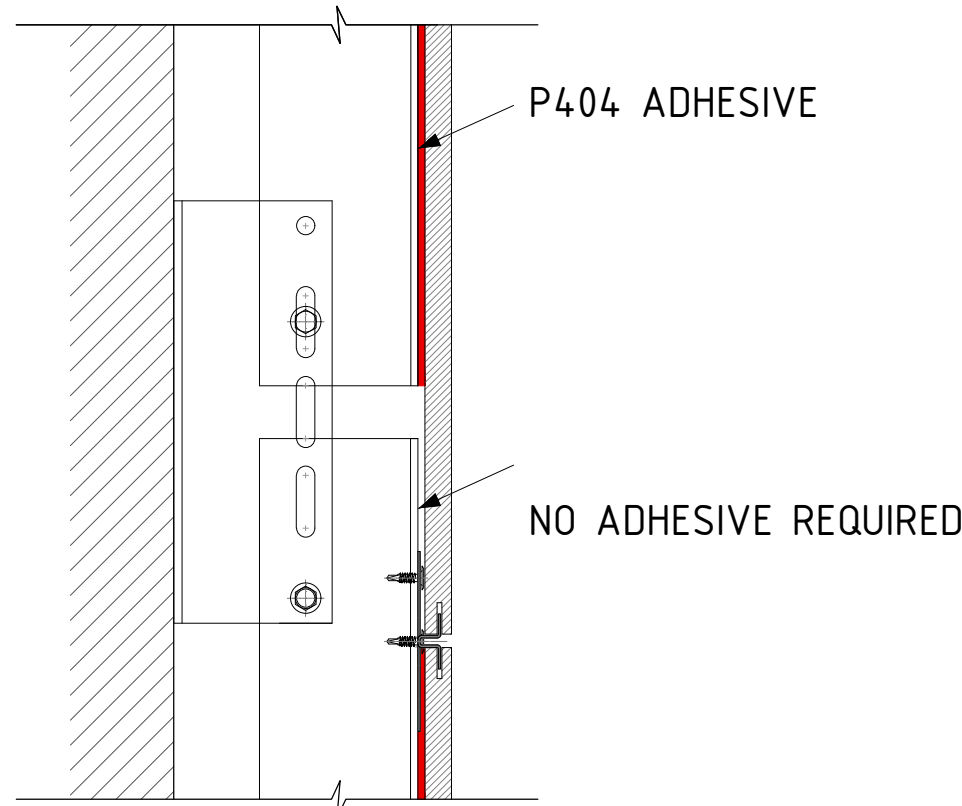
- Step 8. Ensure Quality of Installation**
- For the highest quality of installation, the use of wedges is obligatory.
 - The minimum time for the wedges to stay is 24h. With this said, the longer the wedges stay in place, the better.

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.

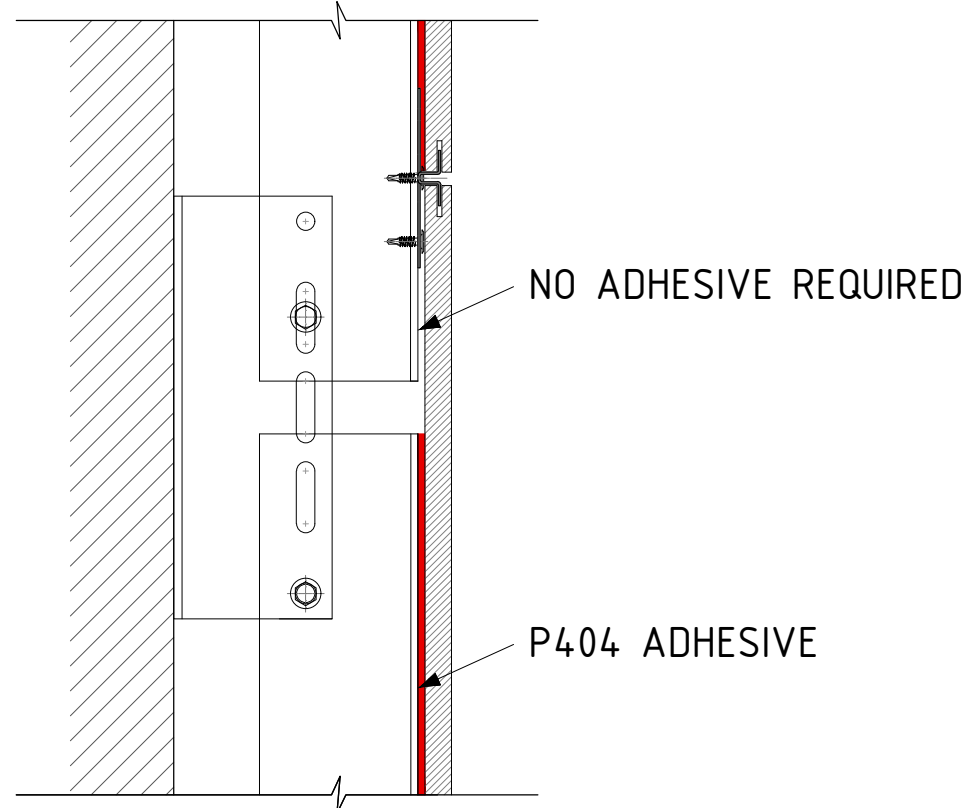
SCENARIO 1:

GREATER OVERLAP WITH PROFILE ABOVE.



SCENARIO 2:

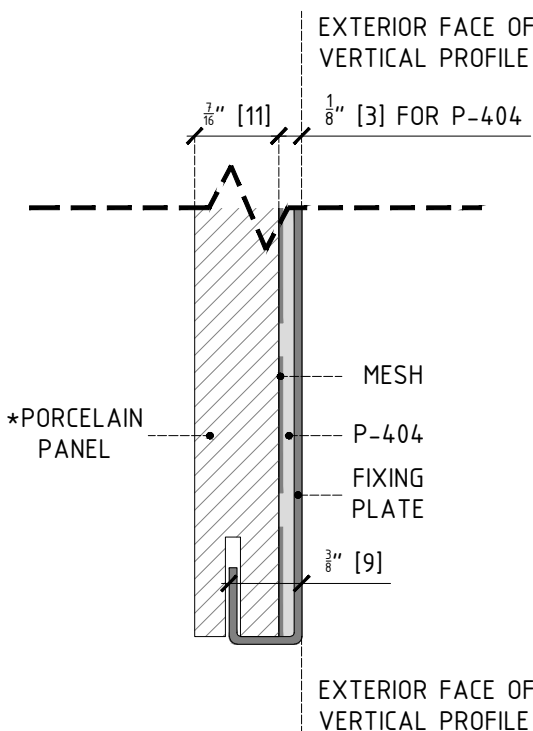
GREATER OVERLAP WITH PROFILE BELOW.



THE USE OF P404 ADHESIVE WITH VARIOUS CLIP SYSTEMS

CONCEALED CLIP

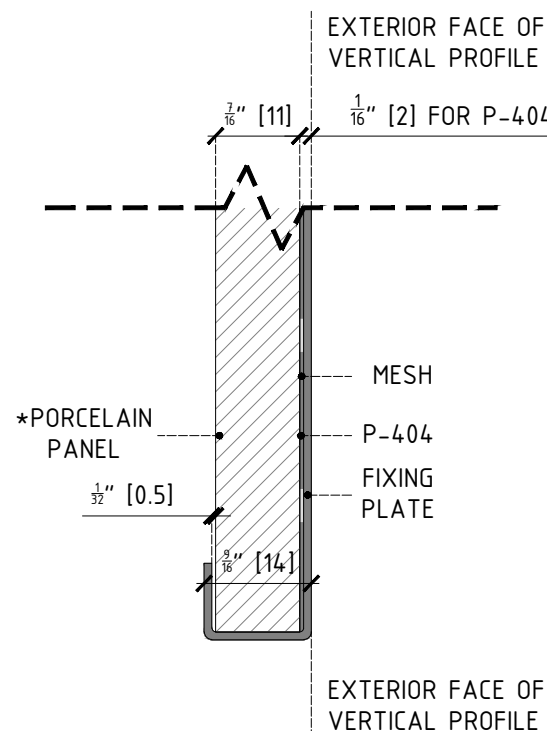
STANDARD FIXING PLATE



* PANEL THICKNESS:
MINIMUM: 1/2" [10.00]
MAXIMUM: NO LIMIT

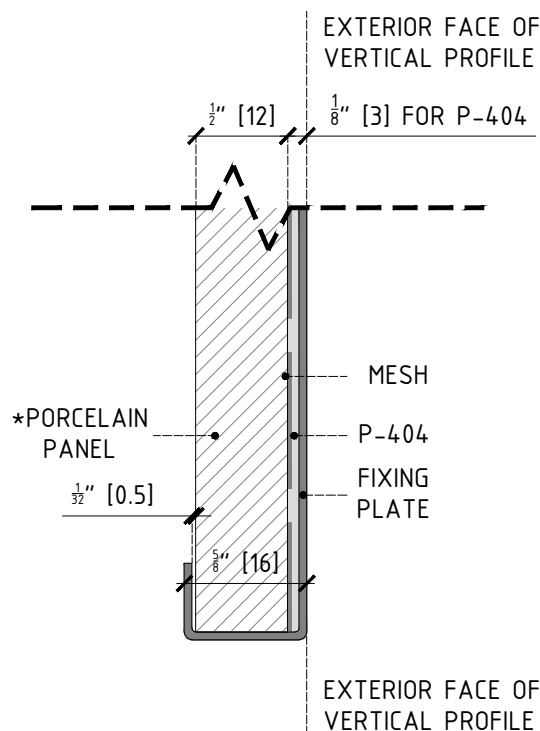
EXPOSED CLIP

STANDARD FIXING PLATE



* PANEL THICKNESS:
MINIMUM: 1/2" [10.00]
MAXIMUM: 1/2" [11.00]

Q4 FIXING PLATE



* PANEL THICKNESS:
MINIMUM: 1/2" [11.50]
MAXIMUM: 1/2" [12.00]

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SHEET TITLE:

RAINSCREEN PORCELAIN PANEL
THE CLADDING SYSTEM
PORCELANOSA PROPRIETARY ADHESIVE
FIXING SYSTEM: THE P404 ADHESIVE

SCALE:

NTS

SHEET NO:

103

REVISION:

A

STACK PATTERN
(IN-LINE)

EQUAL-EQUAL

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

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

RUNNING BOND
(VERTICAL JOINT STAGGERED)

RUNNING BOND
(HORIZONTAL JOINT STAGGERED)

EQUAL-EQUAL

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

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

RUNNING BOND
(VERTICAL JOINT STAGGERED)

RUNNING BOND
(HORIZONTAL JOINT STAGGERED)

HORIZONTAL EMPHASIS

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

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

RUNNING BOND
(VERTICAL JOINT STAGGERED)

RUNNING BOND
(HORIZONTAL JOINT STAGGERED)

VERTICAL EMPHASIS

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

VERTICAL JOINT = $\frac{3}{4}$ " (20MM)

RUNNING BOND
(VERTICAL JOINT STAGGERED)

RUNNING BOND
(HORIZONTAL JOINT STAGGERED)

PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE

PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:

RAINSCREEN PORCELAIN PANEL
THE CLADDING SYSTEM
TYPICAL PANEL LAYOUTS AND JOINTS

SCALE:

NTS

SHEET NO:

104

REVISION:

A

MATERIAL LEGEND

SUPPLIED BY OTHERS

- ① SOLID WALL: REINFORCED CONCRETE SLAB 2500 PSI.
- ② SOLID WALL: 8" CMU WALL REINFORCED WITH #5 BARS 24" O.C.
- ③ STUD WALL: 6"-16GA, 16" O/C STEEL STUDS + SINGLE GYPSUM SHEATHING.
- ④ STUD WALL: 6"-16GA, 16" O/C STEEL STUDS + DOUBLE GYPSUM SHEATHING.
- ⑤ WOOD STUD WALL: WOOD STUDS 2X(1.5 THICK) - 16" O/C WOOD STUD + SINGLE GYPSUM SHEATHING.
- ⑥ WOOD STUD WALL: WOOD STUDS 2X(1.5 THICK) - 16" O/C WOOD STUD + DOUBLE GYPSUM SHEATHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

- ⑪ FOR REINFORCED CONCRETE SLAB: HILTI KB TZ SCREW 3/8"x3-3/4"; TO BE USED TO FIX L-SPACER BRACKET TO REINFORCED CONCRETE @ SLAB EDGE.
- ⑫ FOR REINFORCED CONCRETE & CMU WALL: ELCO ULTRACON SCREW 2-1/4" - 5/16"Ø W/ 1-3/4" MIN EMBED @ 24" O.C. HORIZONTALLY INTO OMEGA CHANNEL; MIN EDGE DISTANCE 2.5"; TO BE USED TO FIX OMEGA PROFILE TO CONCRETE WALL/CMU
- ⑬ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22" x 2" SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ⑭ FOR METAL STUD WALL WITH DOUBLE SHEATHING: ELCO DRIL FLEX SCREW 1/4-20 x 2 1/2" SILVER STALGARD. TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ⑮ FOR WOOD STUD WALL WITH SINGLE SHEATHING: SIMPSON STRONG-TIE SCREW SDS25312 1/4"x3 1/2". TO BE USED TO FIX OMEGA PROFILE TO WOOD STUD WALL.
- ⑯ FOR WOOD STUD WALL WITH DOUBLE SHEATHING: SIMPSON STRONG-TIE SCREW SDWS22300DB 3" (Ø0.22"x3"). TO BE USED TO FIX OMEGA PROFILE TO WOOD STUD WALL.
- ⑰ LT SCREW; ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22"x0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- ⑱ FIXING CLIP SCREW; ETANCO SELF-DRILLING SCREW Ø0.17 x 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- ⑳ ALUMINUM ALLOY (6005A-T6) OMEGA PROFILE 20x140MM (13/16"x5 1/2"); 3M(118 1/8") LONG
- ㉑ POWDER COATED (BLACK) ALUMINUM ALLOY (6005A-T6) T-PROFILE,100x60x2.7MM (3 15/16"x2 3/8"x1/8"); 3M (118 3/8") LONG
- ㉒ POWDER COATED (BLACK) ALUMINUM ALLOY (6005A-T6) L-PROFILE 40x60x2.7MM (1 13/16"x2 3/8"x1/8"), 3M (118 3/8") LONG

BRACKETS

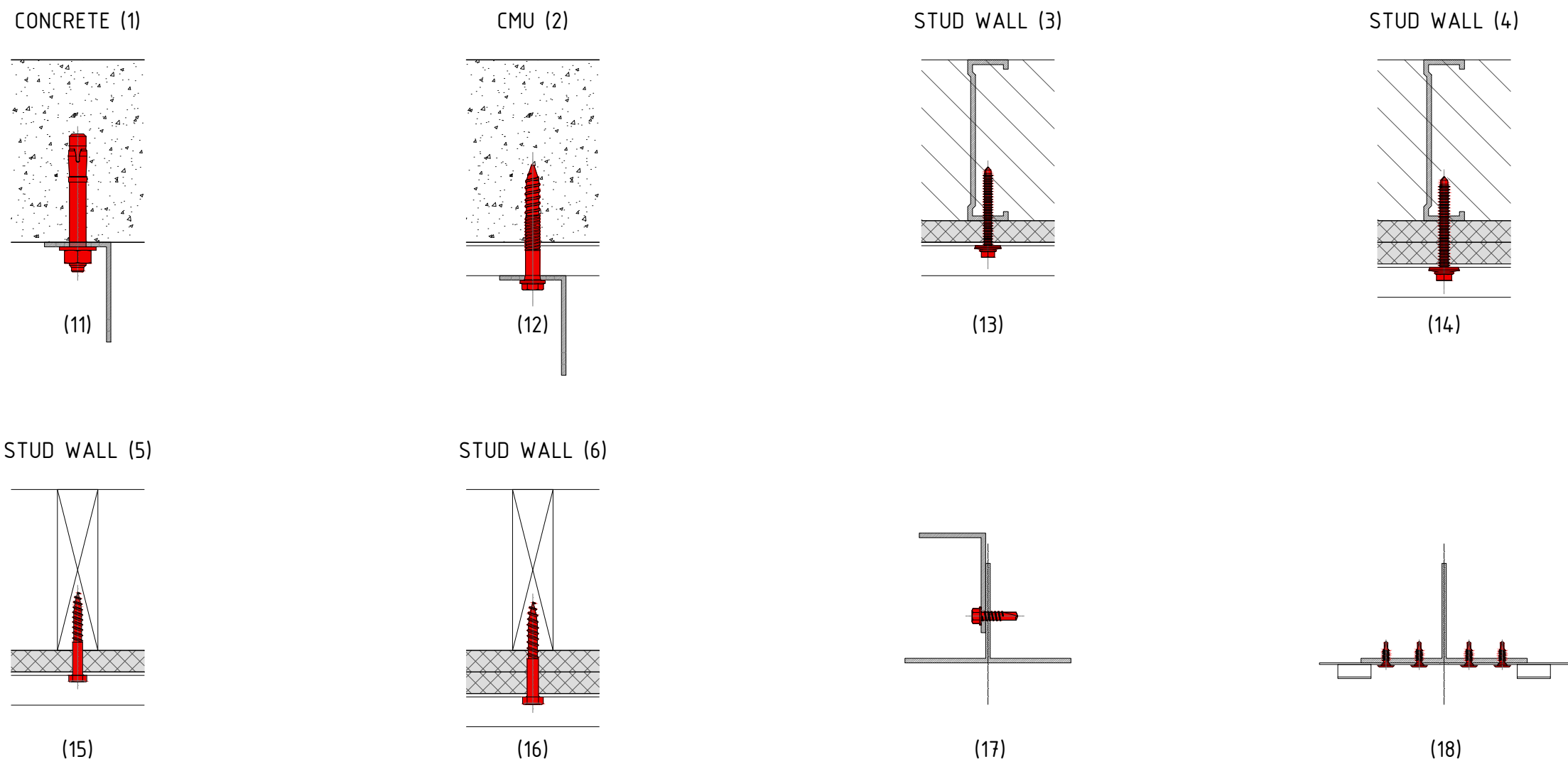
- ㉓ SINGLE/DOUBLE THERMAL ISOLATOR FOR THERMAL BREAK.
- ㉔ ALUMINUM ALLOY (6005A-T6) SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET. **
- ㉕ ALUMINUM ALLOY (6005A-T6) DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET. **

FIXING PLATES & ADHESIVE

- ㉖ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL (SS304) FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT. WITH 4 CLIPS.
- ㉗ CONCEALED/EXPOSED LATERAL STAINLESS STEEL (SS304) FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT. WITH 2 CLIPS.
- ㉘ CONCEALED/EXPOSED START/END STAINLESS STEEL (SS304) FIXING PLATE. WITH 2 CLIPS.
- ㉙ CONCEALED/EXPOSED STAGGERED STAINLESS STEEL (SS304) FIXING PLATE.TYP. 5MM (3/16") / 8MM (5/16") JOINT. WITH 3 CLIPS.
- ㉚ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.
- ㉛ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.

**NOTE 1
ALL SPACER L-BRACKETS INCLUDED IN THIS PACKAGE ALLOW FOR +/- 3/4" IN-AND-OUT- TOLERANCE OF THE SUBSTRATE WALL. IF THE WALL IS OUT OF PLUMB BY MORE THAN WHAT THE CLADDING SYSTEM CAN TAKE IT, IT IS THE RESPONSABILITY OF THE INSALLER TO IDENTIFY AND COMMUNICATE TO CLADDING MANUFACTURES AS SOON AS POSSIBLE.

ANCHORS & SCREWS

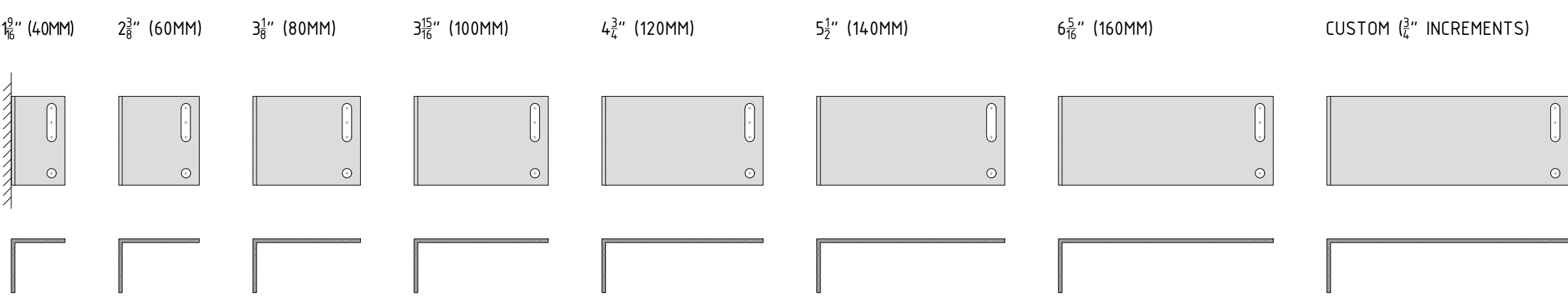


SUPPORT BRACKETS

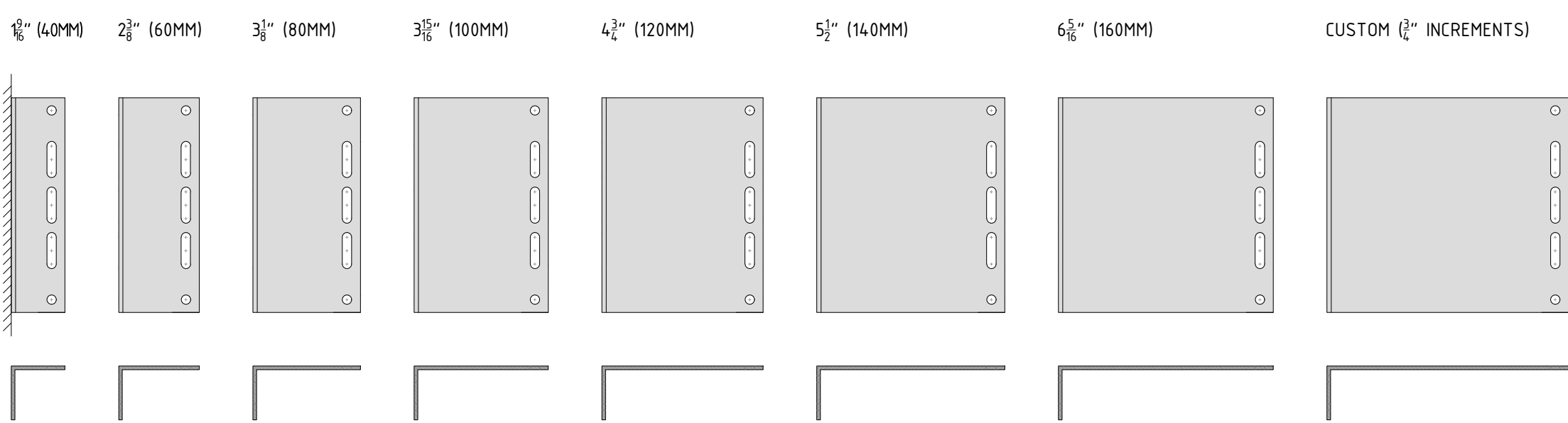
BRACKET THICKNESS

FROM 1 5/16" (40MM) TO 2 3/8" (100MM) = 1/8" (2.7MM) / FROM 4 3/4" (120MM) TO 10 1/4" (260MM) = 1/8" (3.2MM) / FROM 11" (280MM) AND ABOVE = 3/16" (4MM)

SINGLE BRACKETS (32)

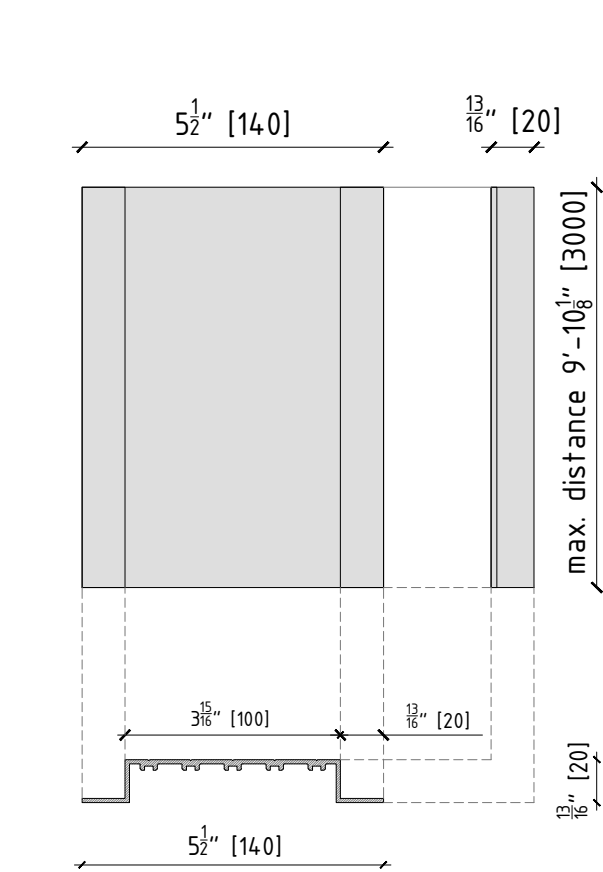


DOUBLE BRACKETS (33)

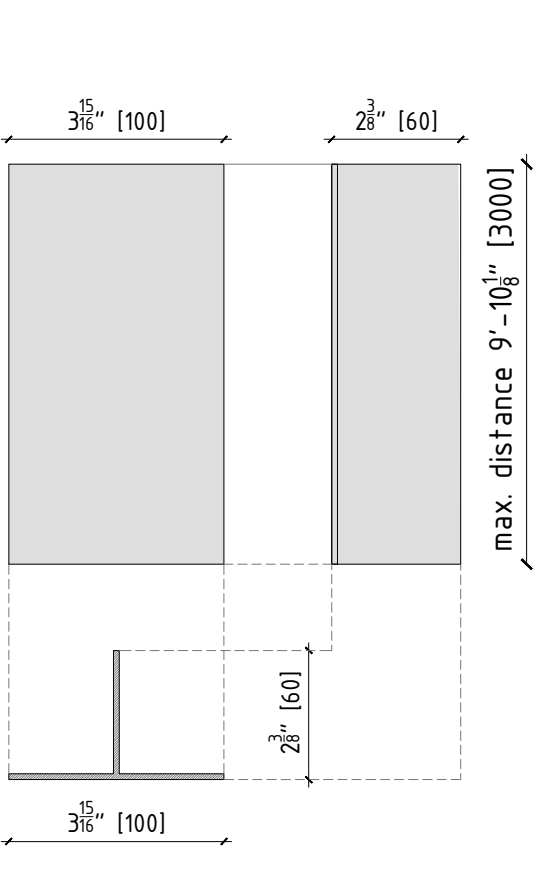


STANDARD SYSTEM PROFILES

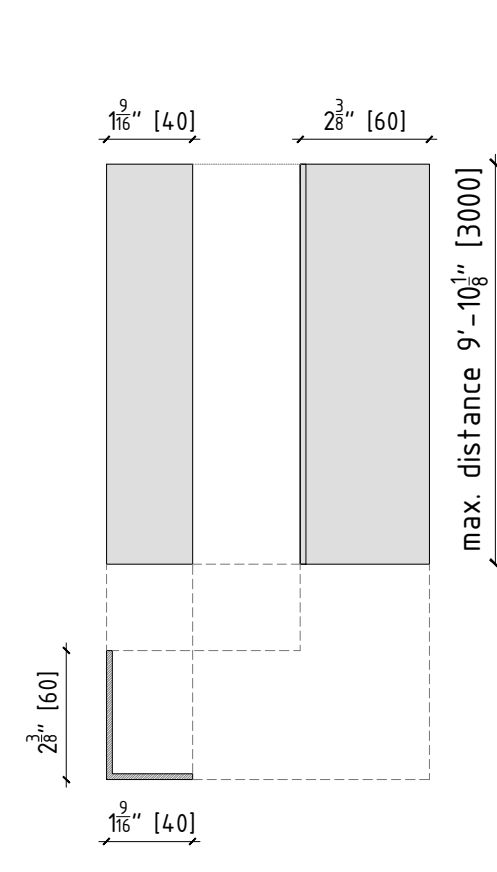
OMEGA PROFILE (21)



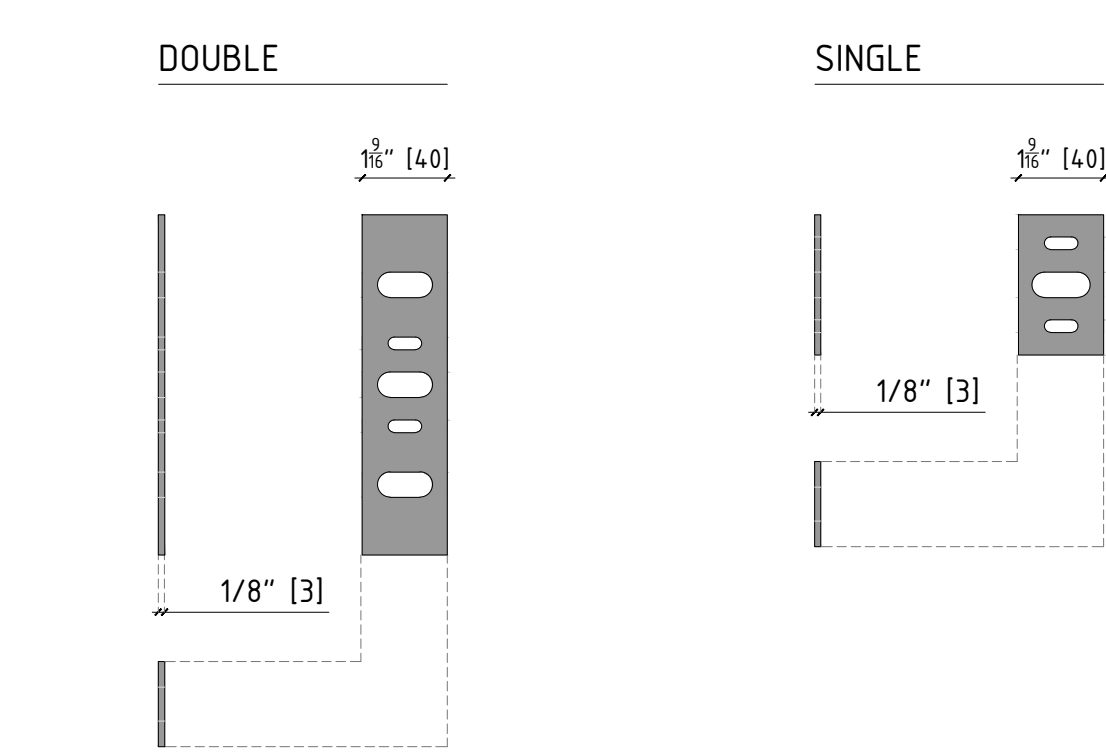
T PROFILE (22)



L PROFILE (23)



THERMAL ISOLATOR (31)



FIXING PLATES

THERE ARE 2 SETS OF FIXING PLATES:

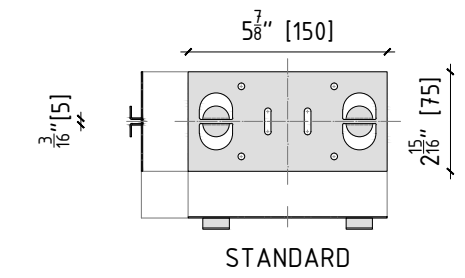
SET 1 TO BE USED FOR A 3/16" (5MM) WIDE HORIZONTAL JOINT.
SET 2 TO BE USED FOR A 5/16" (8MM) WIDDE HORIZONTAL JOINT.

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.

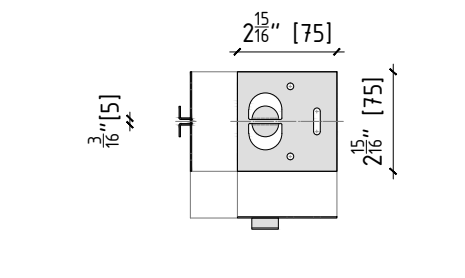
CENTRAL FIXING PLATE (41)

horizontal joint width of 3/16" (5mm)



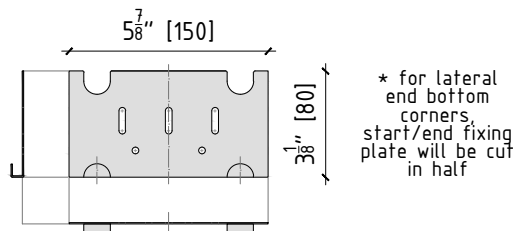
LATERAL FIXING PLATE (42)

horizontal joint width of 3/16" (5mm)



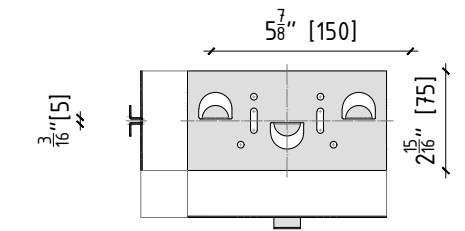
START/END FIXING PLATE (43)

horizontal joint width of 3/16" (5mm)



STAGGERED FIXING PLATE (44)

horizontal joint width of 3/16" (5mm)



PROJECT NAME:

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:

RAINSCREEN PORCELAIN PANEL
THE SUBSTRUCTURE SYSTEM
PARTS AND PIECES

SCALE:

NTS

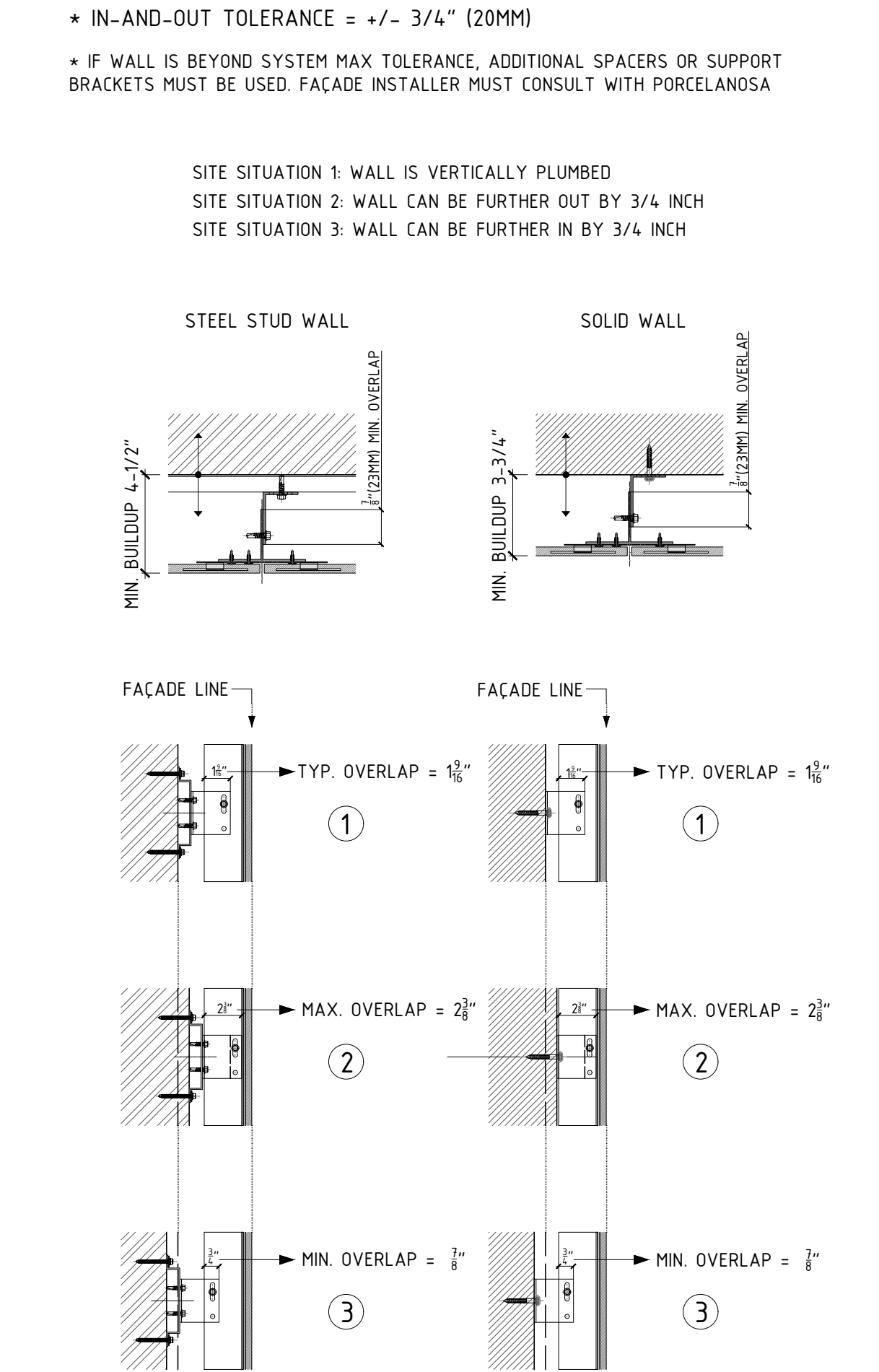
SHEET NO:

105

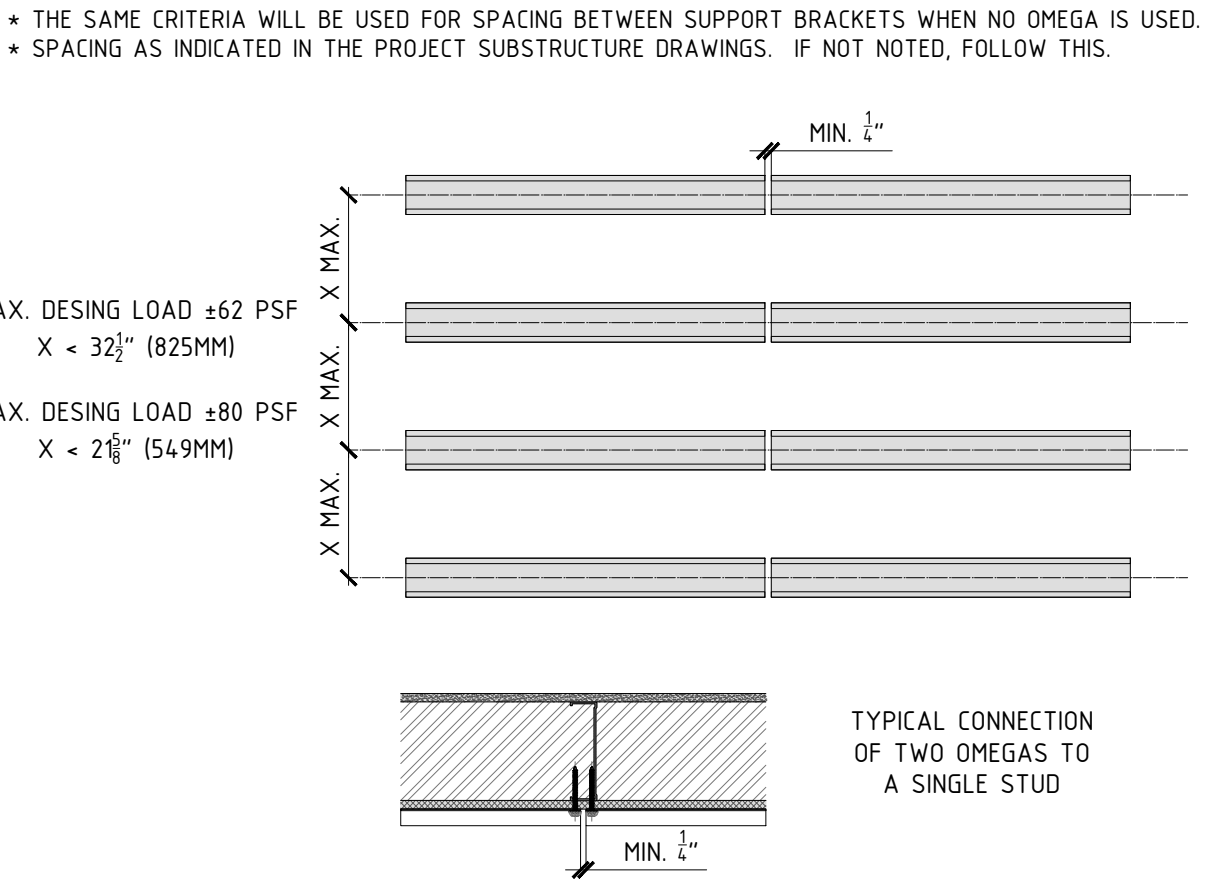
REVISION:

A

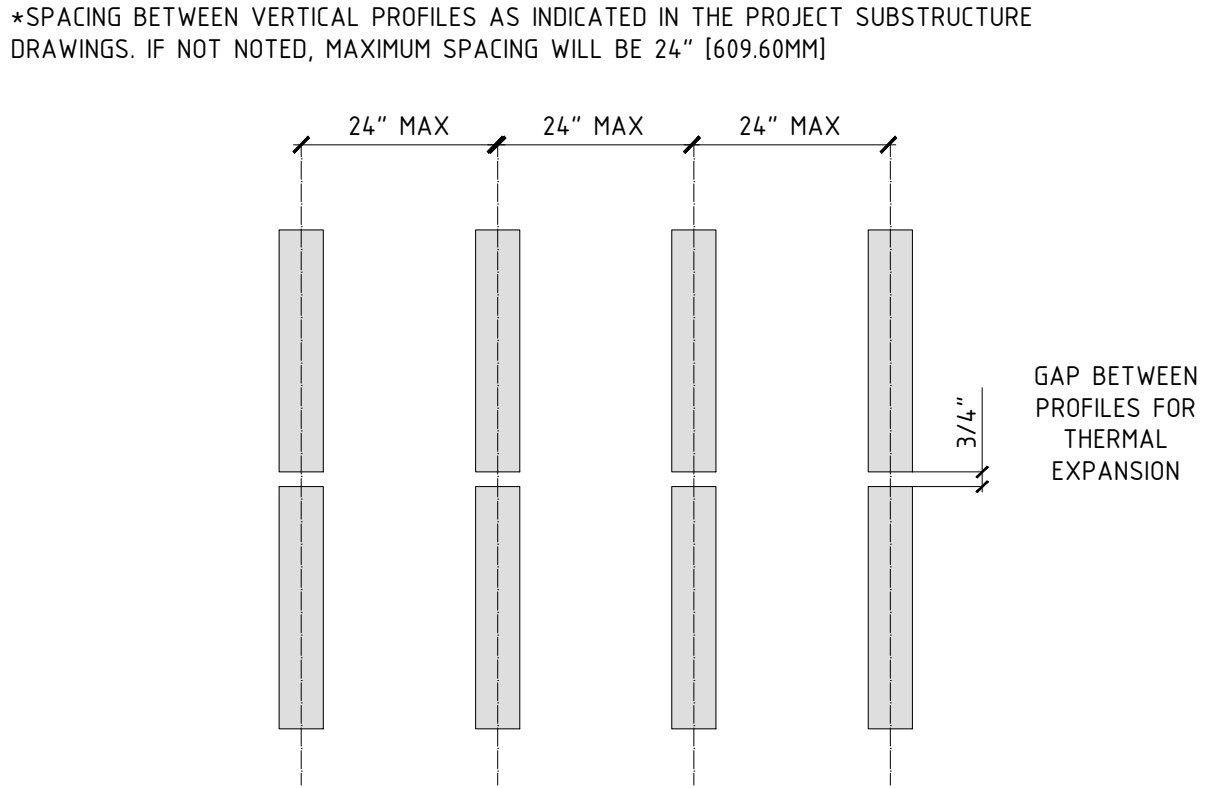
CLADDING SYSTEM TOLERANCES



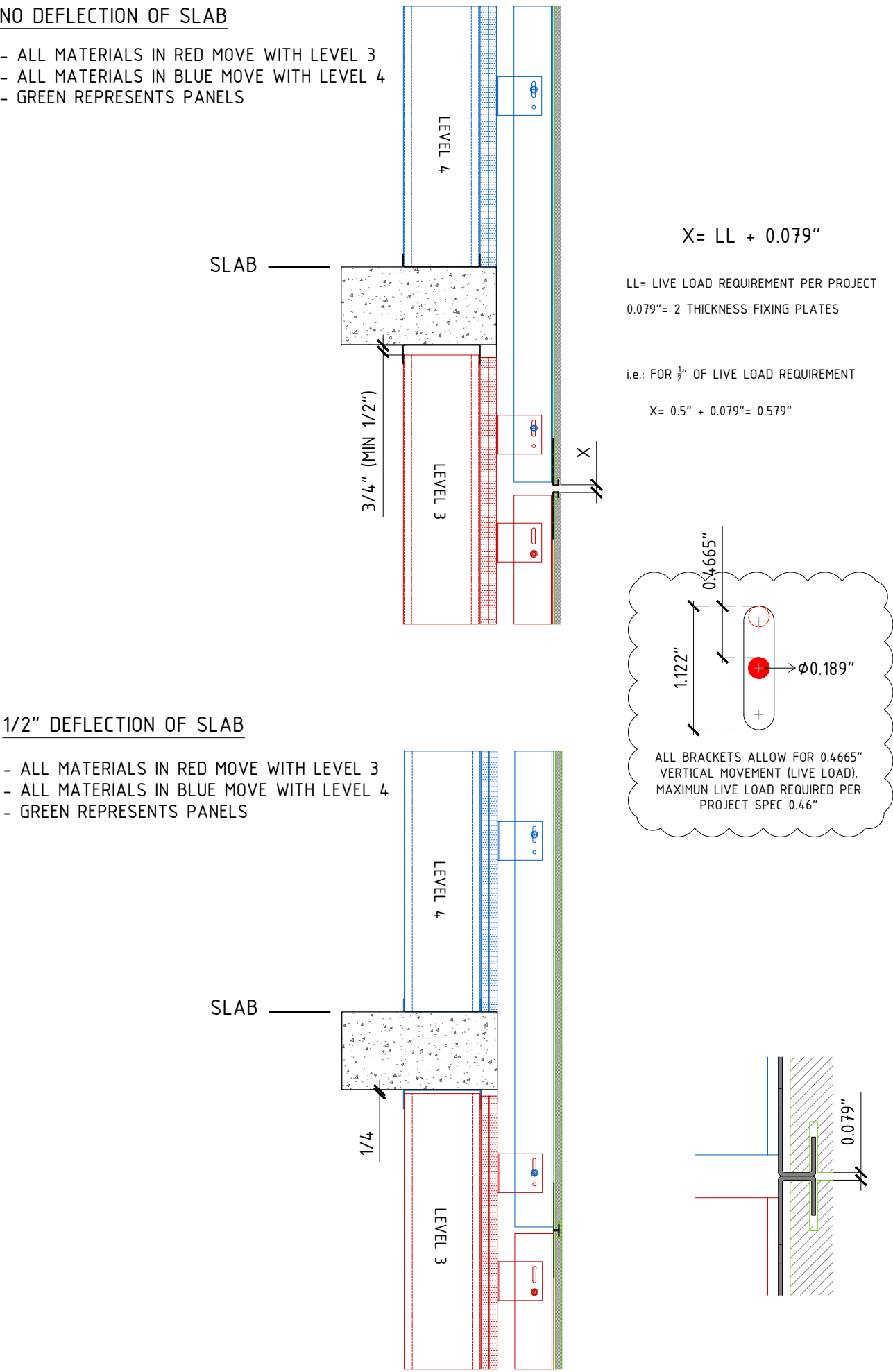
SPACING BETWEEN OMEGA PROFILES



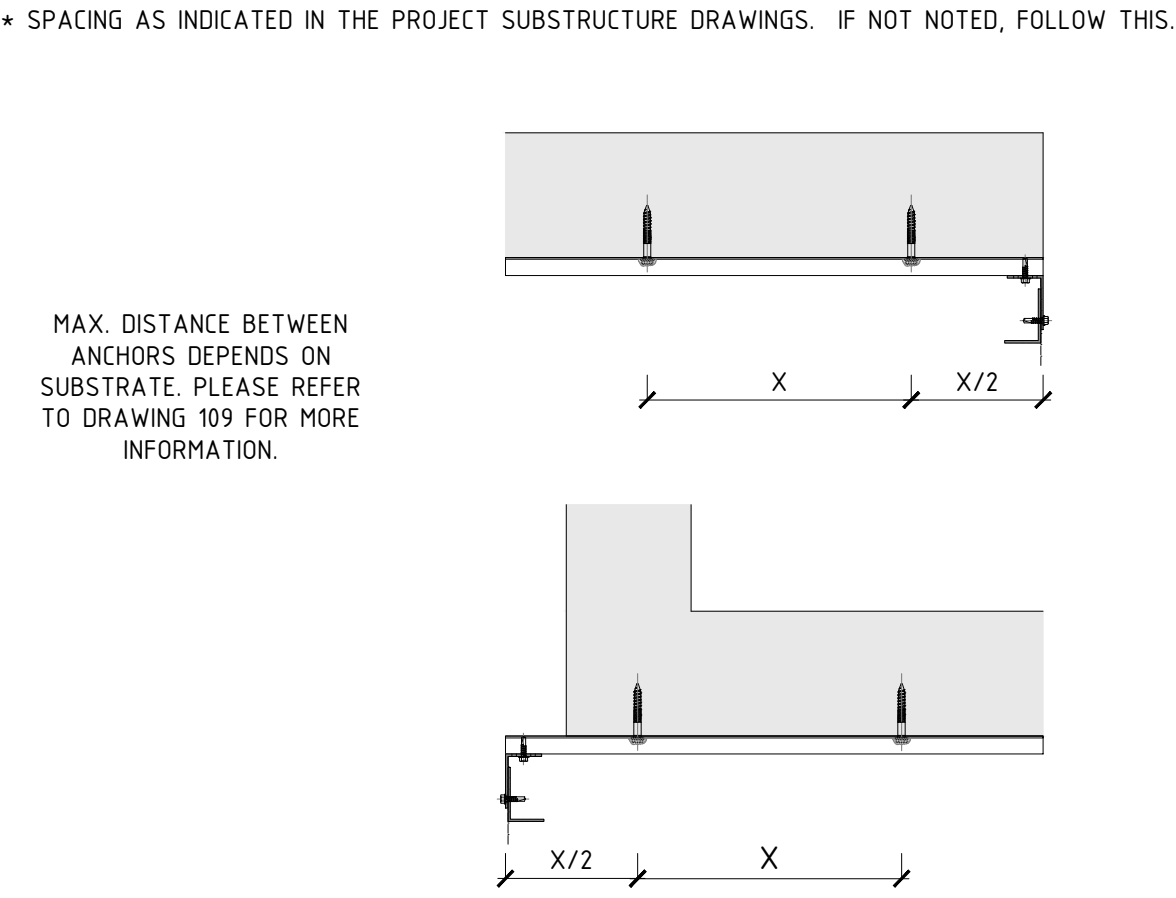
SPACING BETWEEN VERTICAL PROFILES



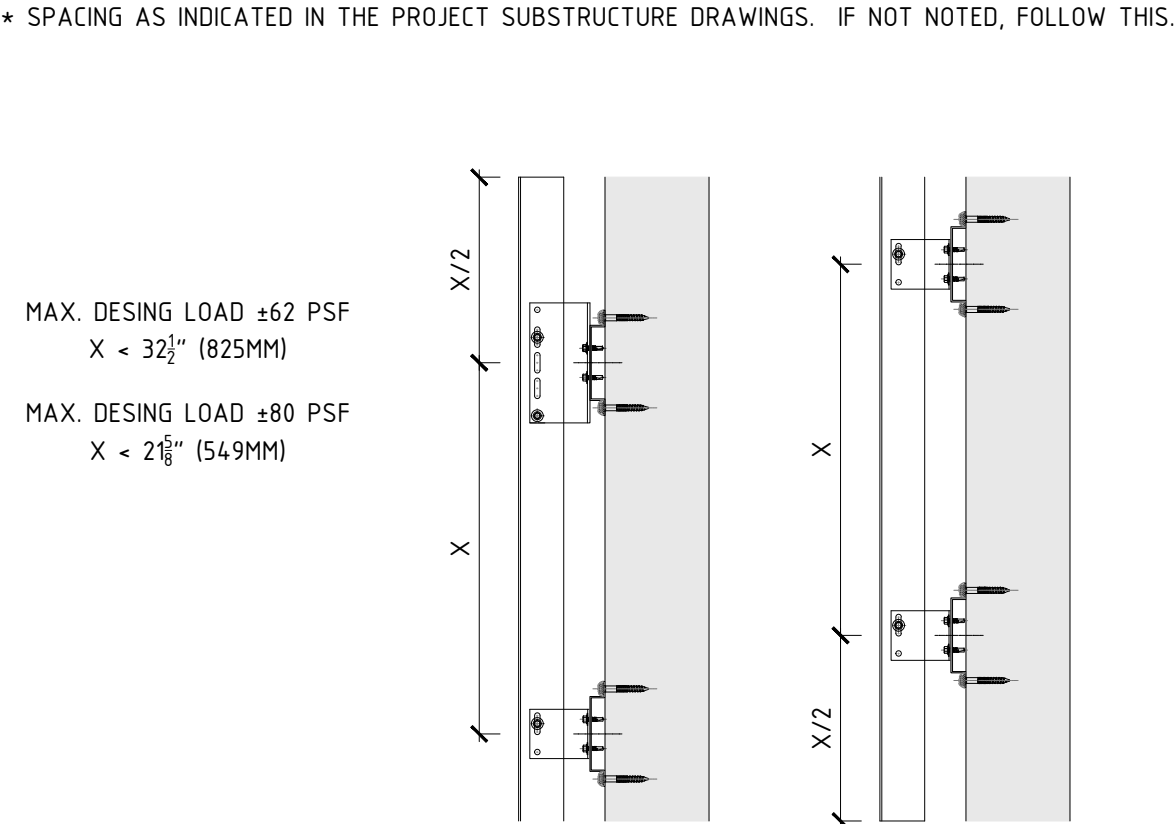
VERTICAL LIVE LOAD DEFLECTION



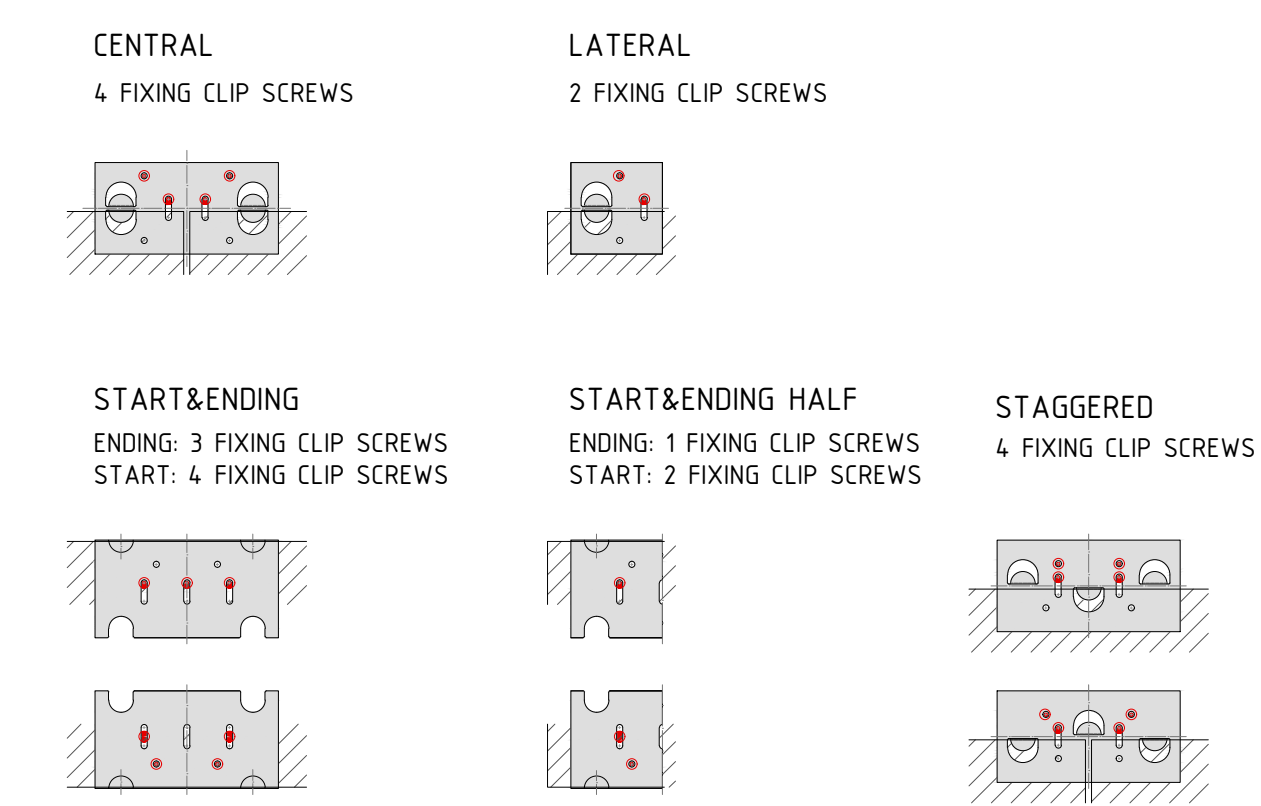
MAXIMUM OMEGA PROFILES CANTILEVER



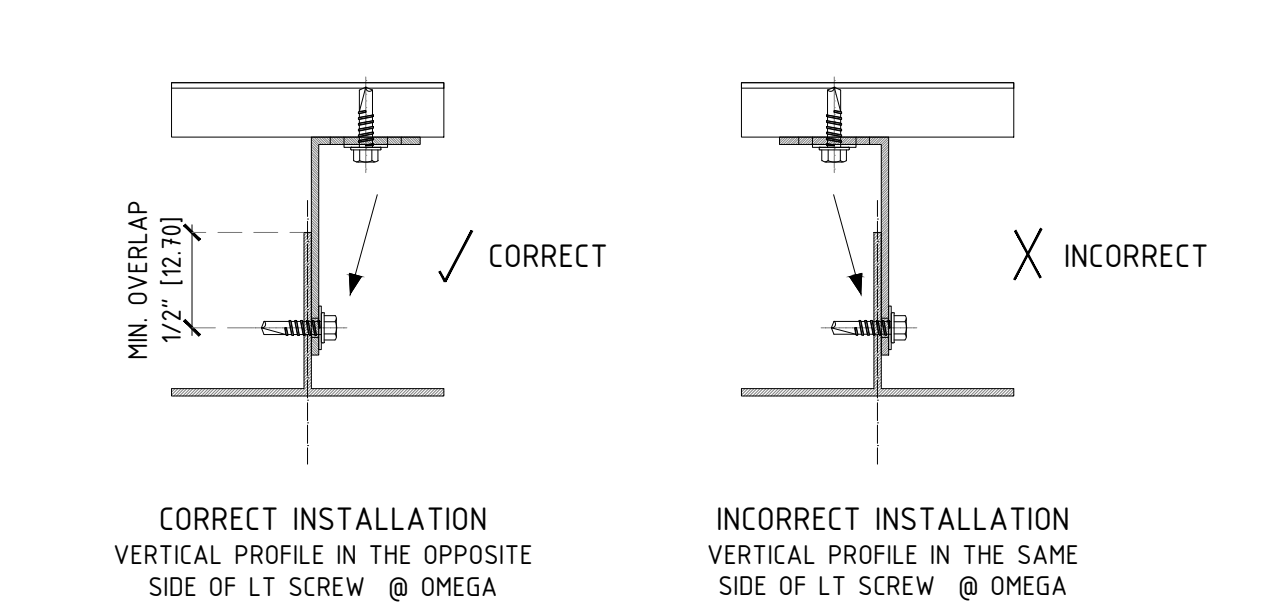
MAXIMUM VERTICAL PROFILES CANTILEVER



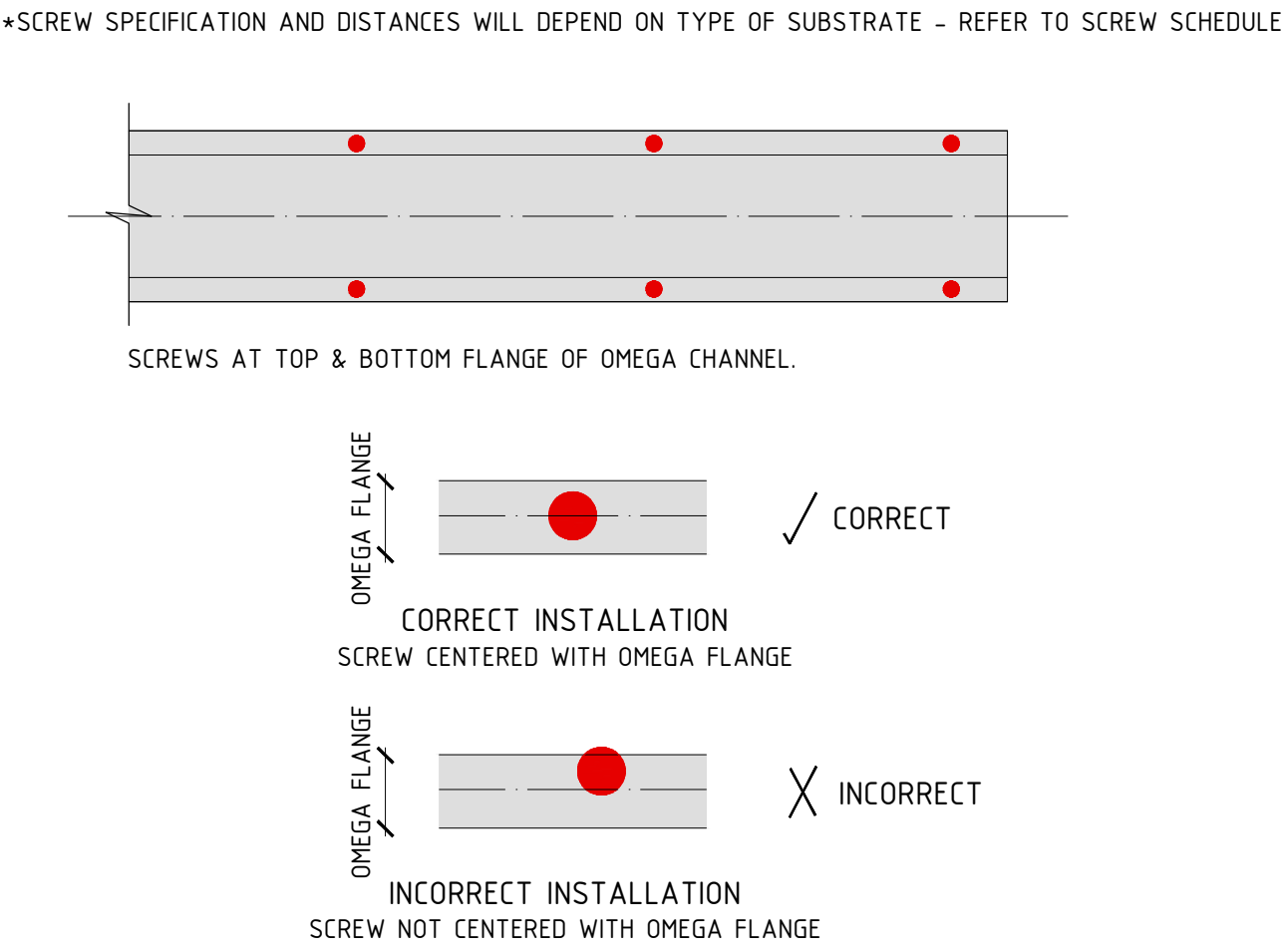
LOCATION AND NO. OF FIXING POINTS



TYPICAL SCREW LOCATION @ L-BRACKET SUPPORT

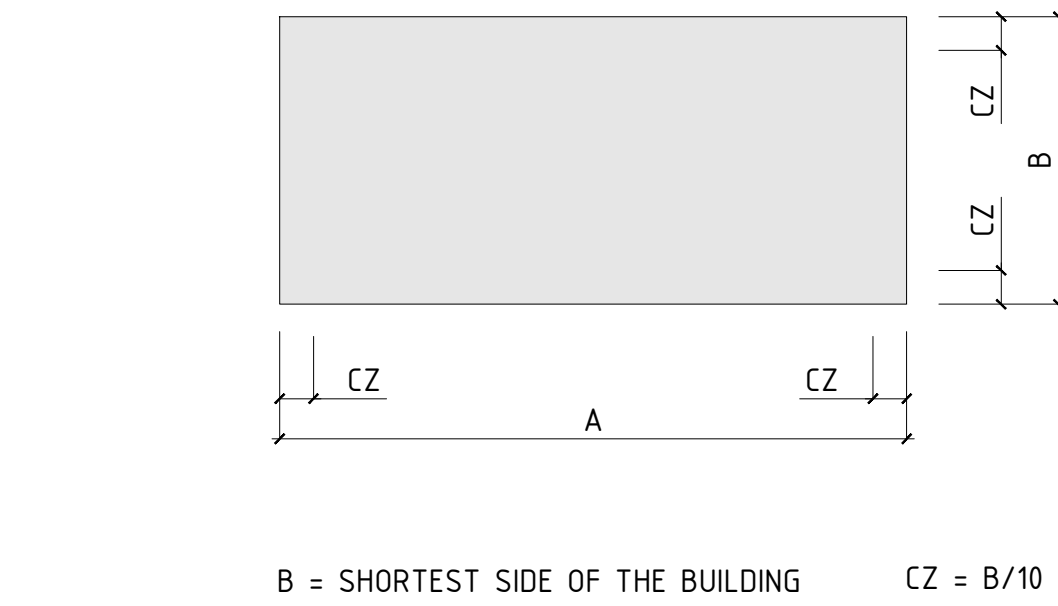


LOCATION OF FIXING POINTS @ OMEGAS



TYPICAL CORNER ZONE

- CORNER ZONE AREA (CZ): TYPICALLY B/10 FROM EDGE OF THE WALL
- DOUBLE SUPPORT BRACKET @ ALL CORNER ZONE SUPPORT BRACKETS
- CHECK STRUCTURAL CALCULATIONS FOR MORE INFORMATION.



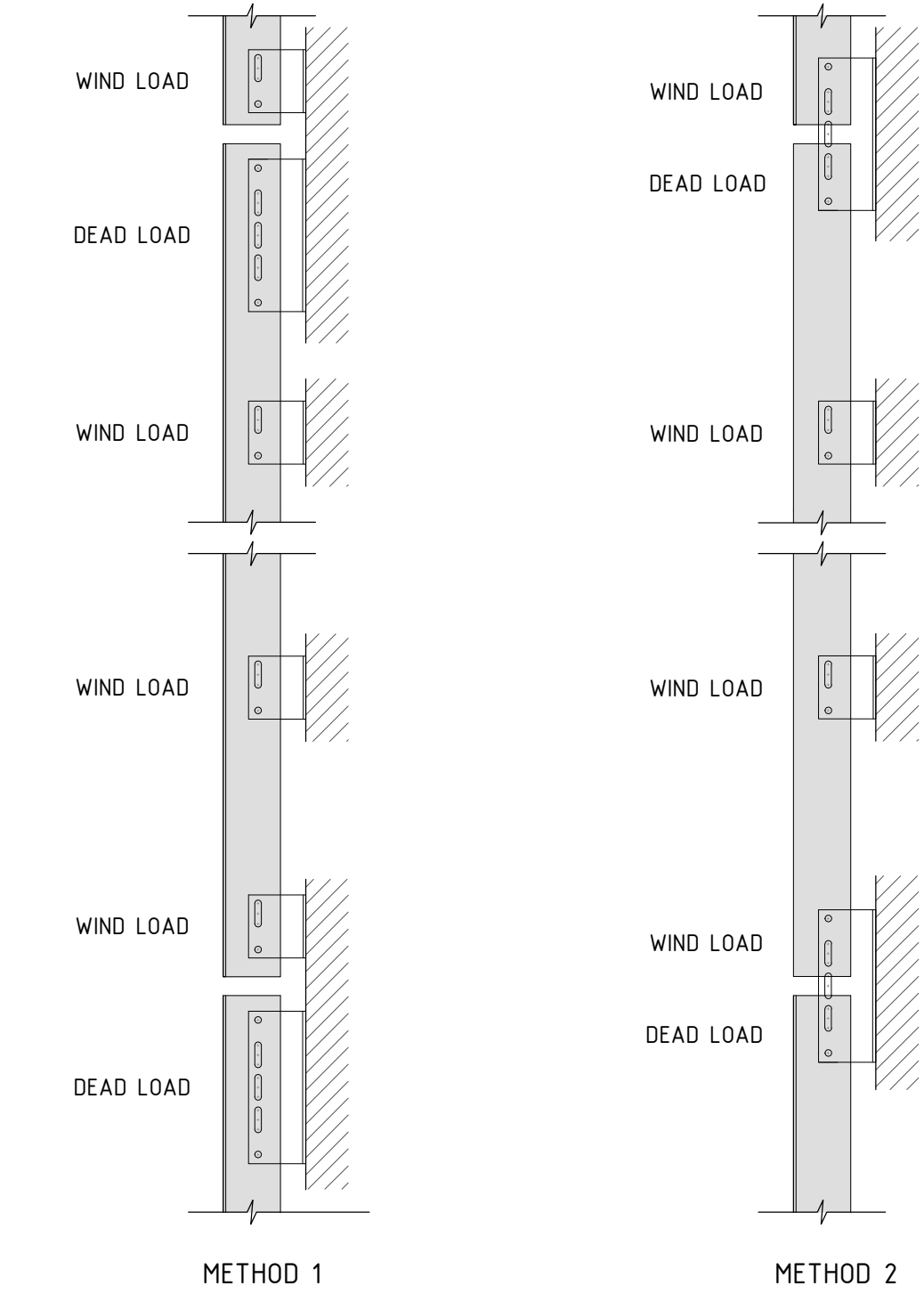
SUPPORT OF VERTICAL PROFILES: 2 METHODS

METHOD 1: VERTICAL PROFILES ARE FIXED INDEPENDENT

METHOD 2: VERTICAL PROFILES ARE FIXED TOGETHER

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.

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.



PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE
PORCELANOSA

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
RAINSCREEN PORCELAIN PANEL
THE SUBSTRUCTURE SYSTEM
GENERAL SUBSTRUCTURE DETAILS

SCALE:
NTS

SHEET NO:

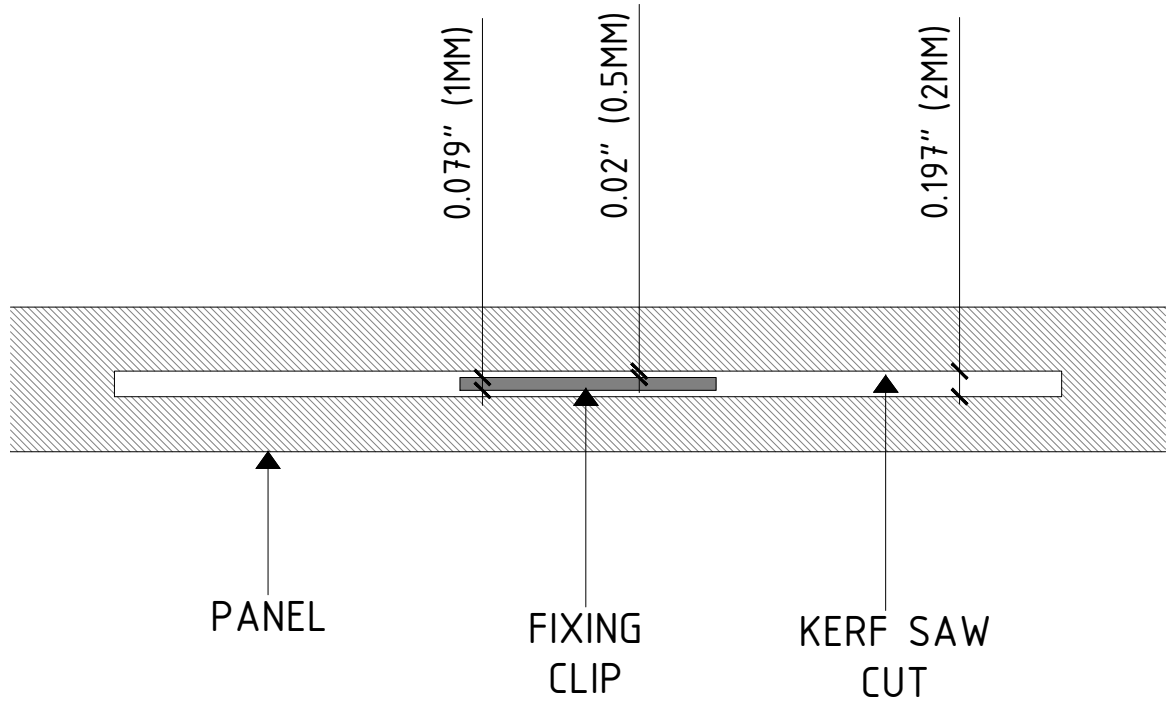
106

REVISION:

A

MOVEMENT ALLOWANCE AT KERF SAW CUT

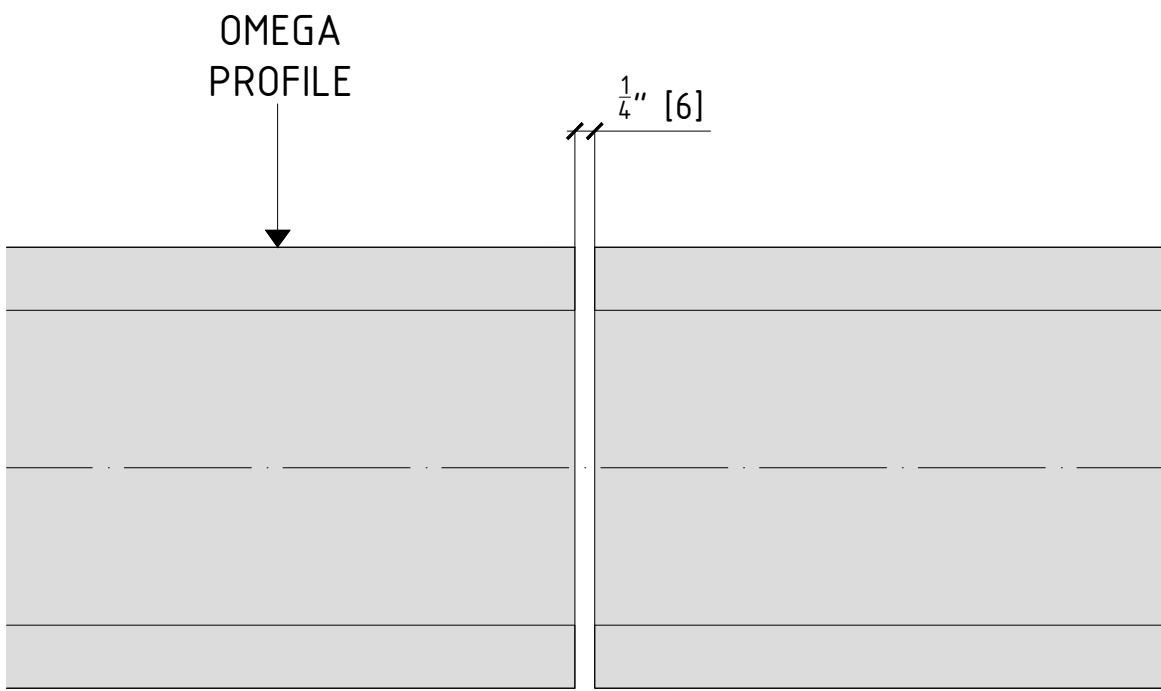
FOR THE CONCEALED FIXING SYSTEM, THE CLIPS SUPPORTING THE WEIGHT OF THE PANEL ARE INSERTED INTO KERF SAW CUTS AT THE EDGE OF THE PANEL AND AROUND ITS PERIMETER. THE KERF CUT IS OVERSIZED COMPARED TO THE CLIP TO ALLOW FOR THERMAL EXPANSION/CONTRACTION AS WELL AS MINOR SEISMIC MOVEMENT. WHILE THE PANEL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



*THERE IS A TINY BIT OF PLAY BETWEEN THE TILE AND THE FIXING PLATE THAT ALLOWS THERMAL EXPANSION OF THE COMPONENTS.

MINIMUM SPACING BETWEEN OMEGA PROFILES

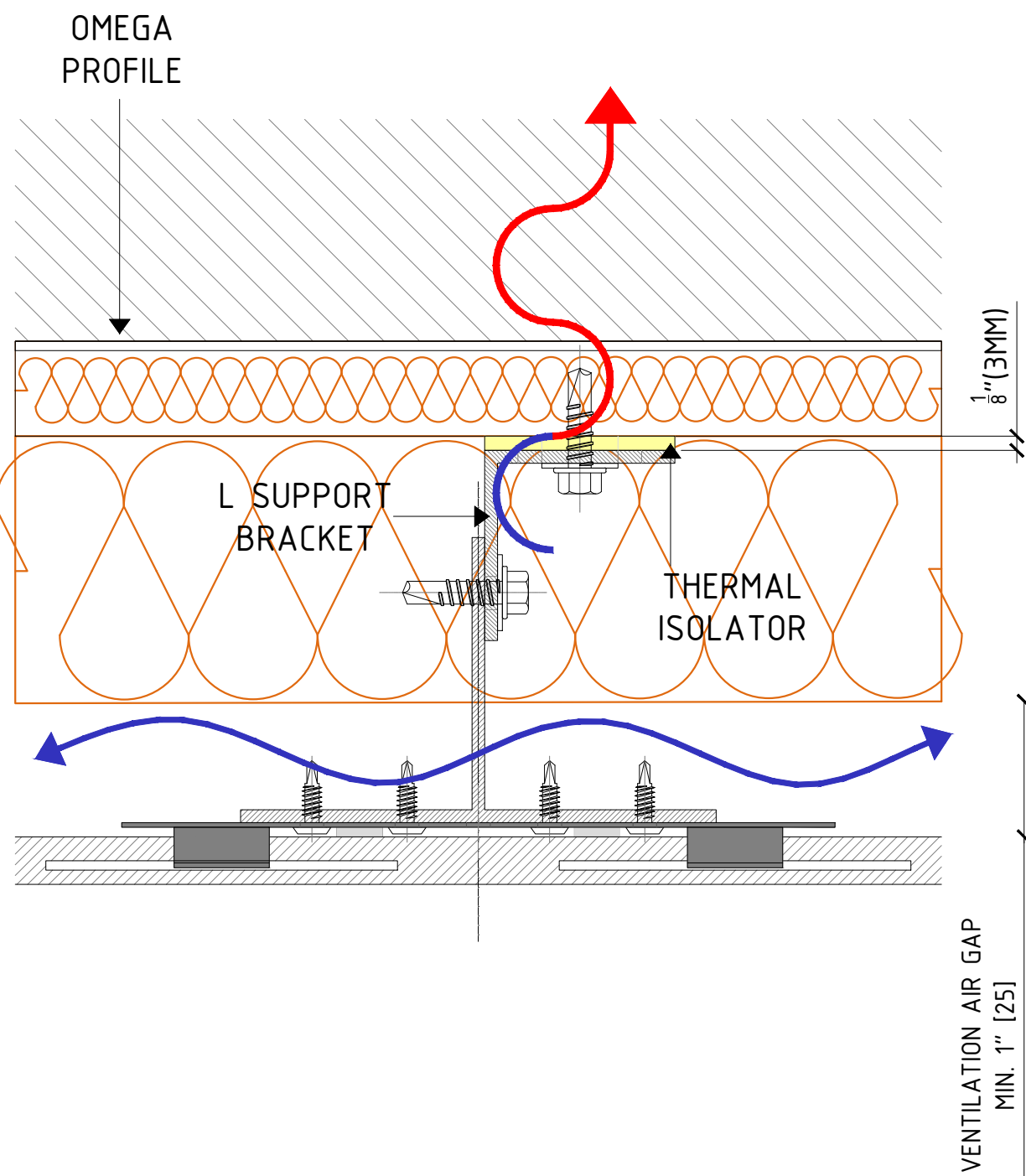
A MINIMUM SPACING AS NOTED BELOW IS REQUIRED BETWEEN OMEGA PROFILES TO ALLOW FOR EXPANSION / CONTRACTION OF ALUMINUM DUE TO TEMPERATURE CHANGES



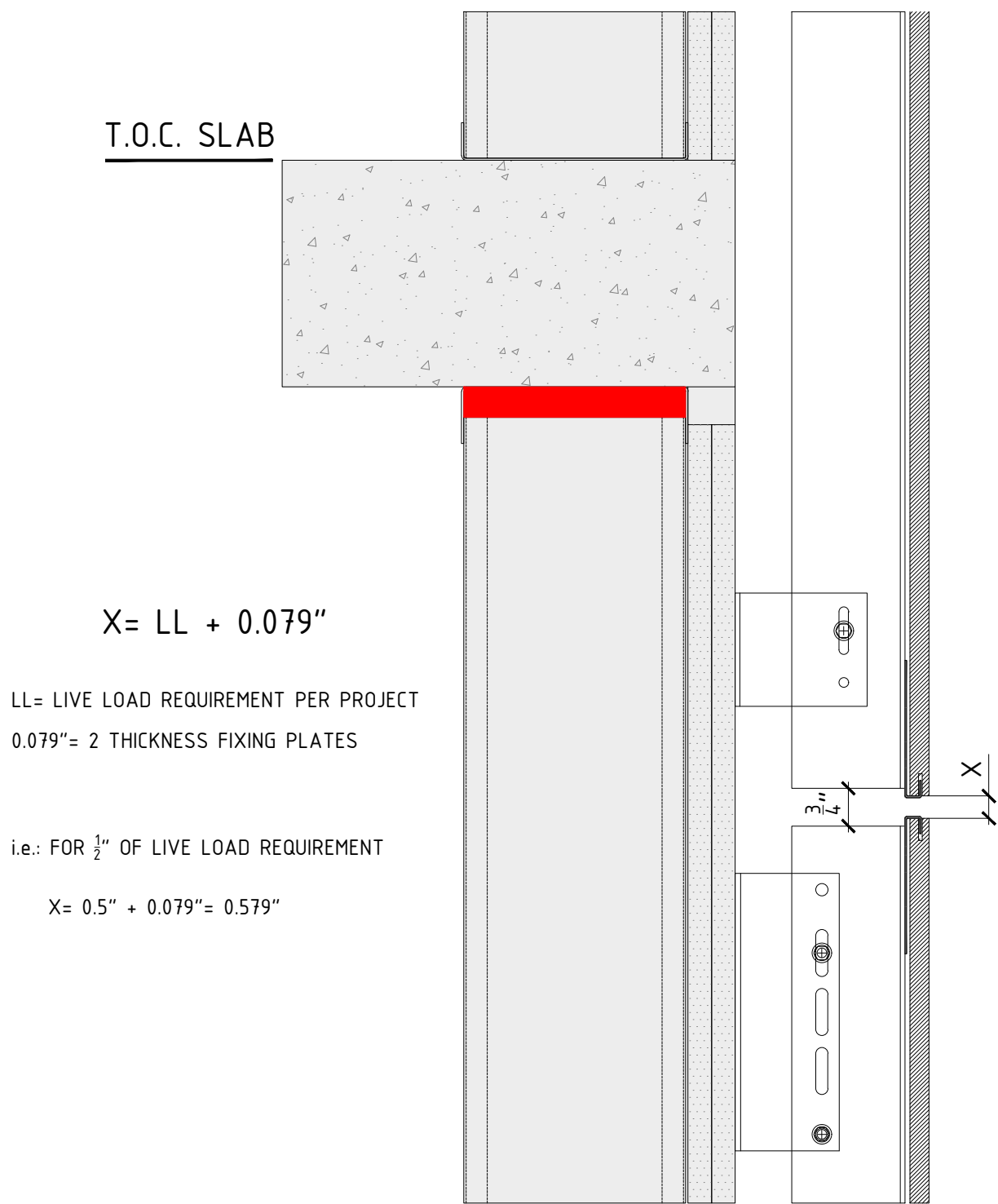
*THERE IS ALWAYS 1/4\"(20MM) GAP BETWEEN OMEGA PROFILES SO TO ALLOW FOR THERMAL EXPANSION.

THERMALLY BROKEN CONTINOUS 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)

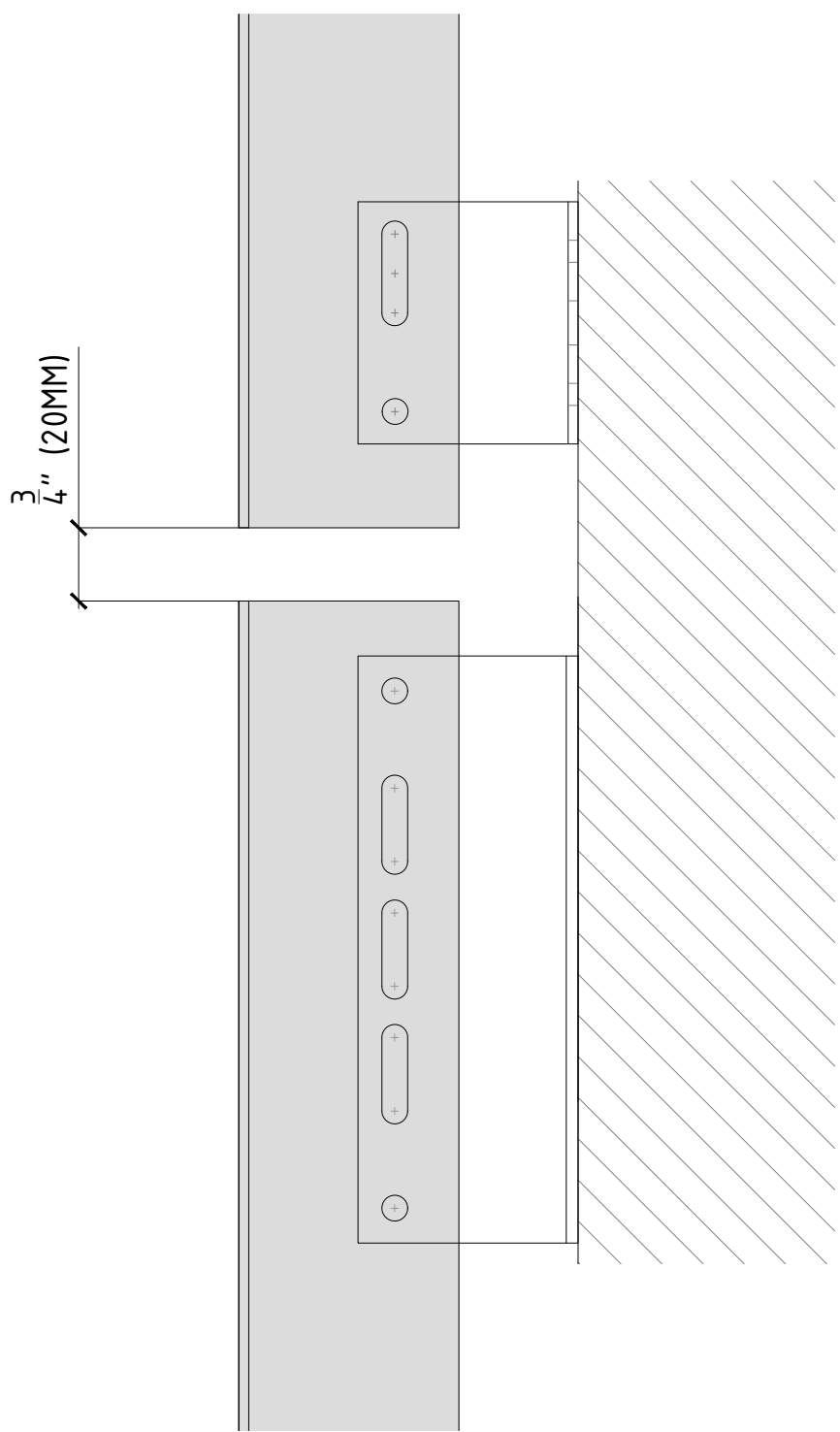


VERTICAL LIVE LOAD DEFLECTION



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.

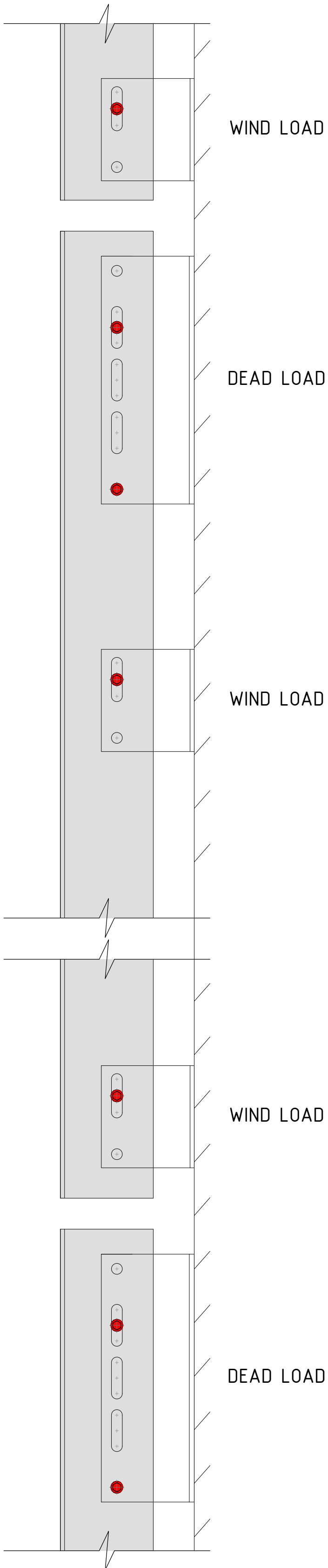


*THERE IS ALWAYS 3/4\"(20MM) GAP BETWEEN PROFILES SO TO ALLOW FOR THERMAL EXPANSION.

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



PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
RAINSCREEN PORCELAIN PANEL
THE SUBSTRUCTURE SYSTEM
THERMAL AND OTHER MOVEMENT
ALLOWANCES OF THE SYSTEM

SCALE:
NTS

SHEET NO:

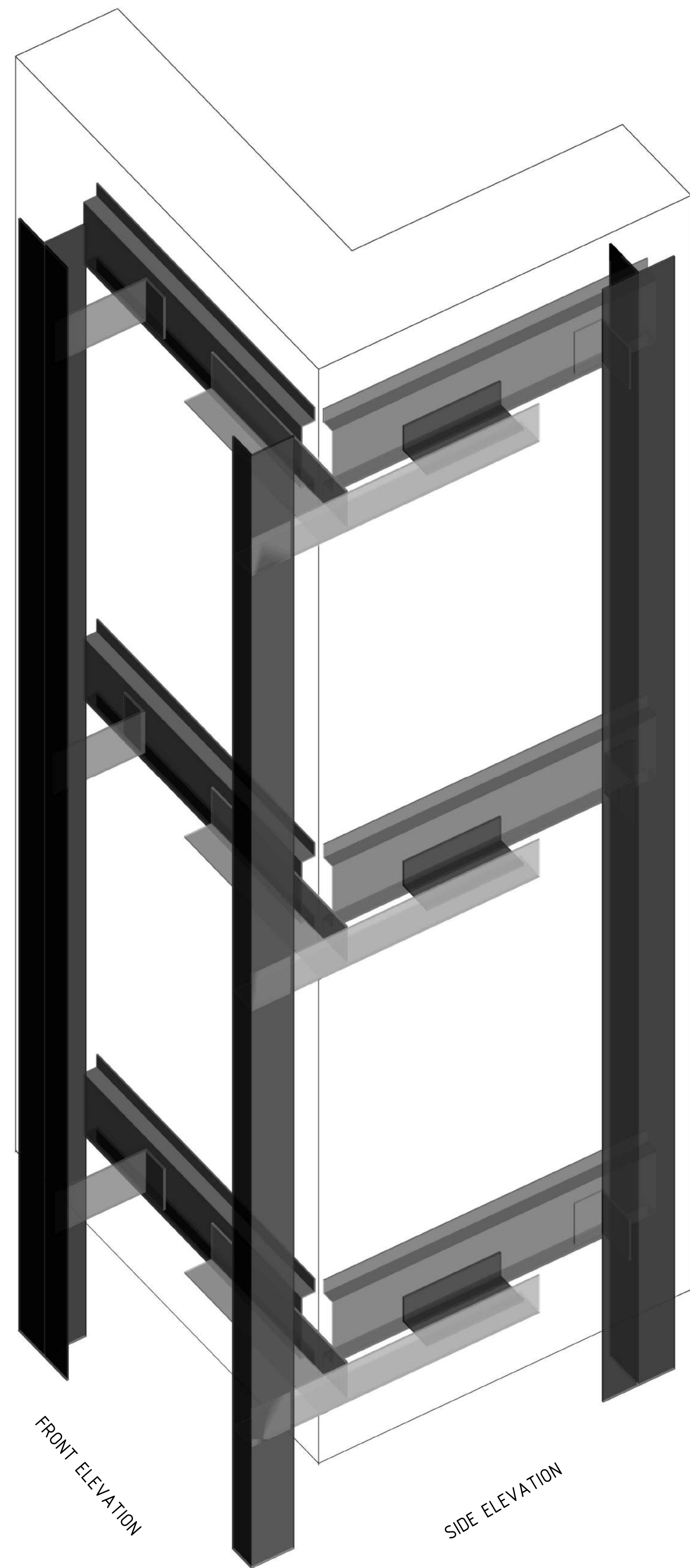
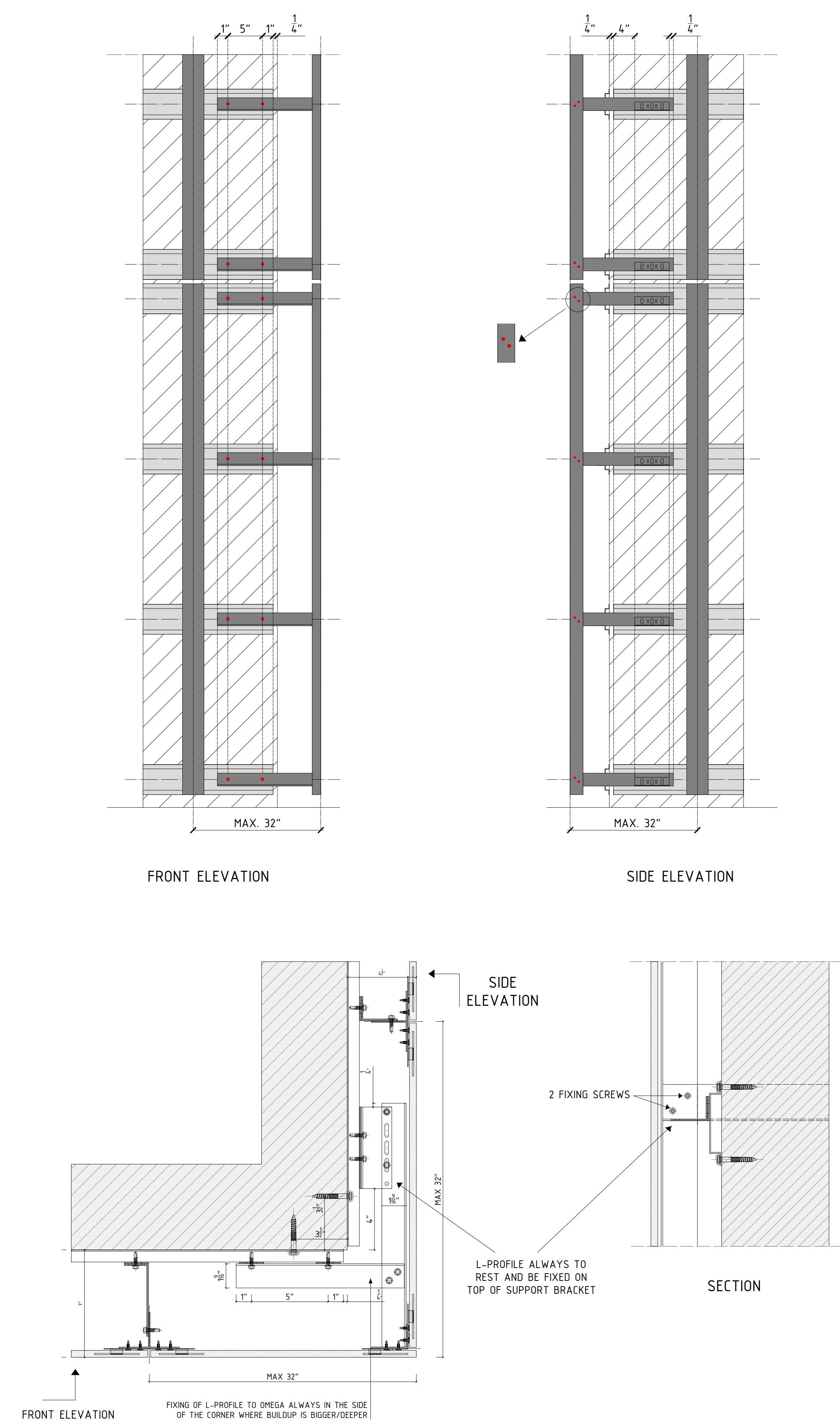
107

REVISION:

A

STANDARD SOLUTION FOR SUBSTRUCTURE AT CORNERS

*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.



PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18
B	10/31/19

SHEET TITLE:
RAINSCREEN PORCELAIN PANEL
THE SUBSTRUCTURE SYSTEM
STANDARD SUBSTRUCTURE SOLUTION
AT CORNER

SCALE:
NTS

SHEET NO:

108

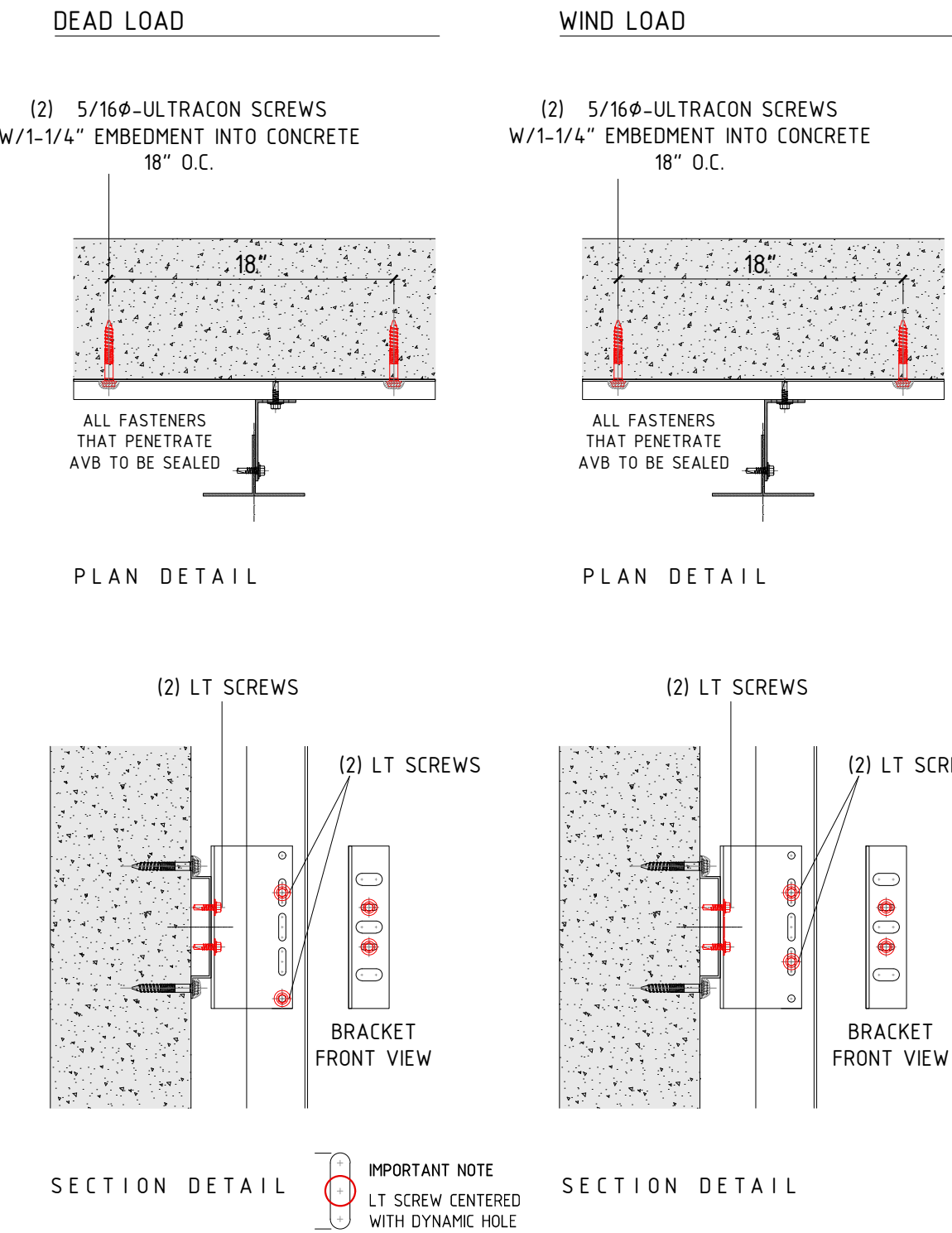
REVISION:

B

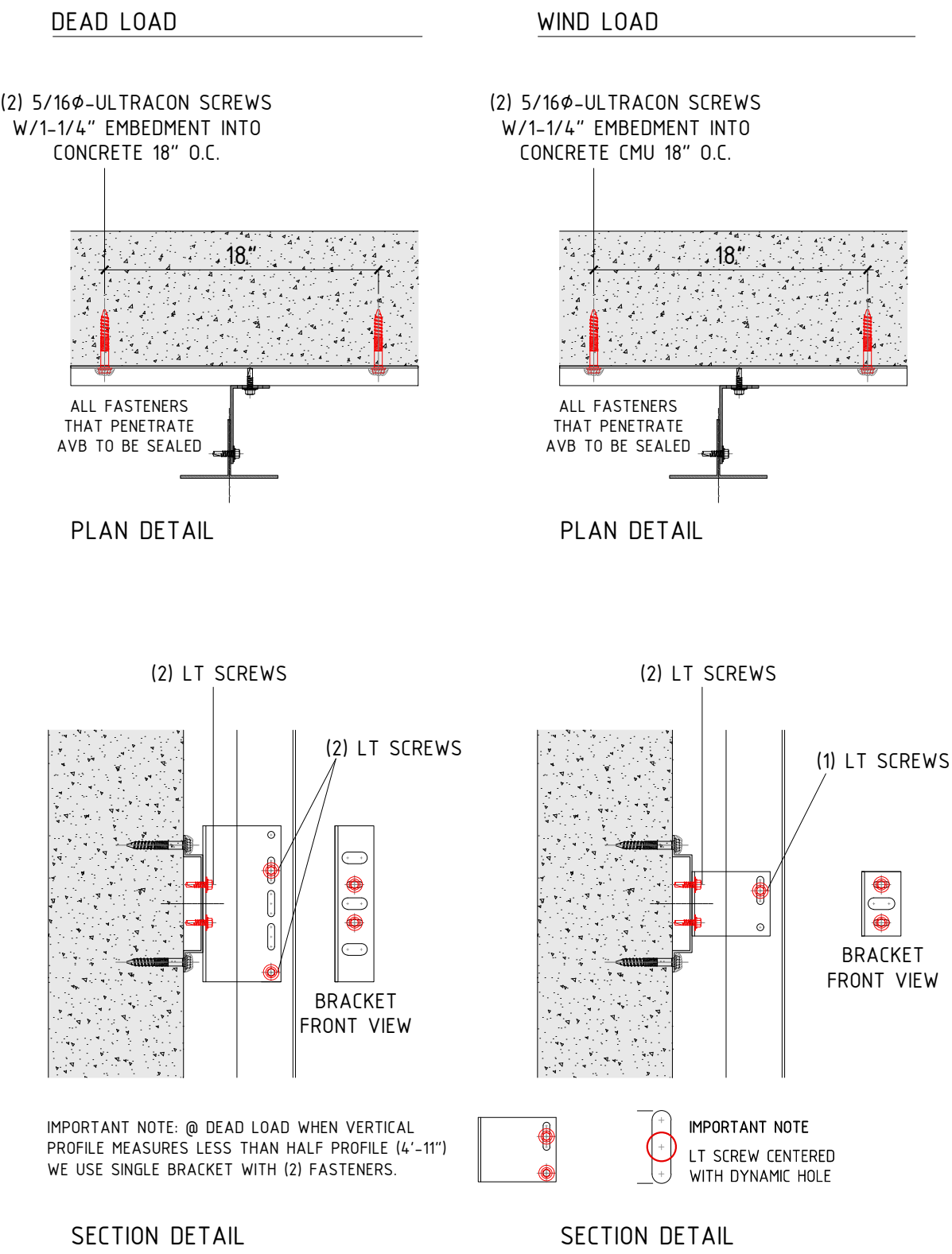
REINFORCED CONCRETE WALL

Spec: 2500 PSI

CORNER ZONE

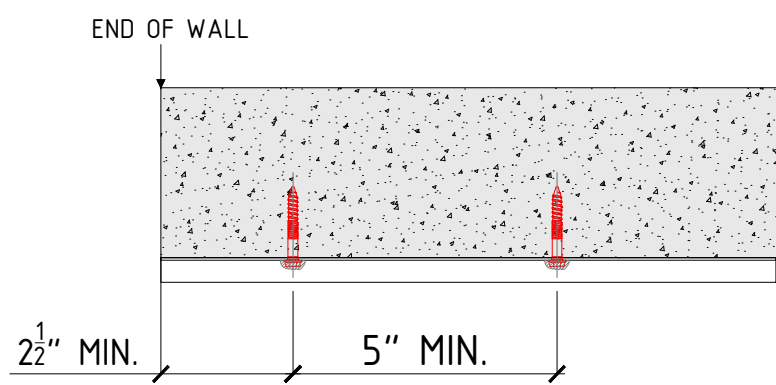


TYPICAL ZONE



ANCHORING MINIMUM DISTANCE TO EDGE OF WALL

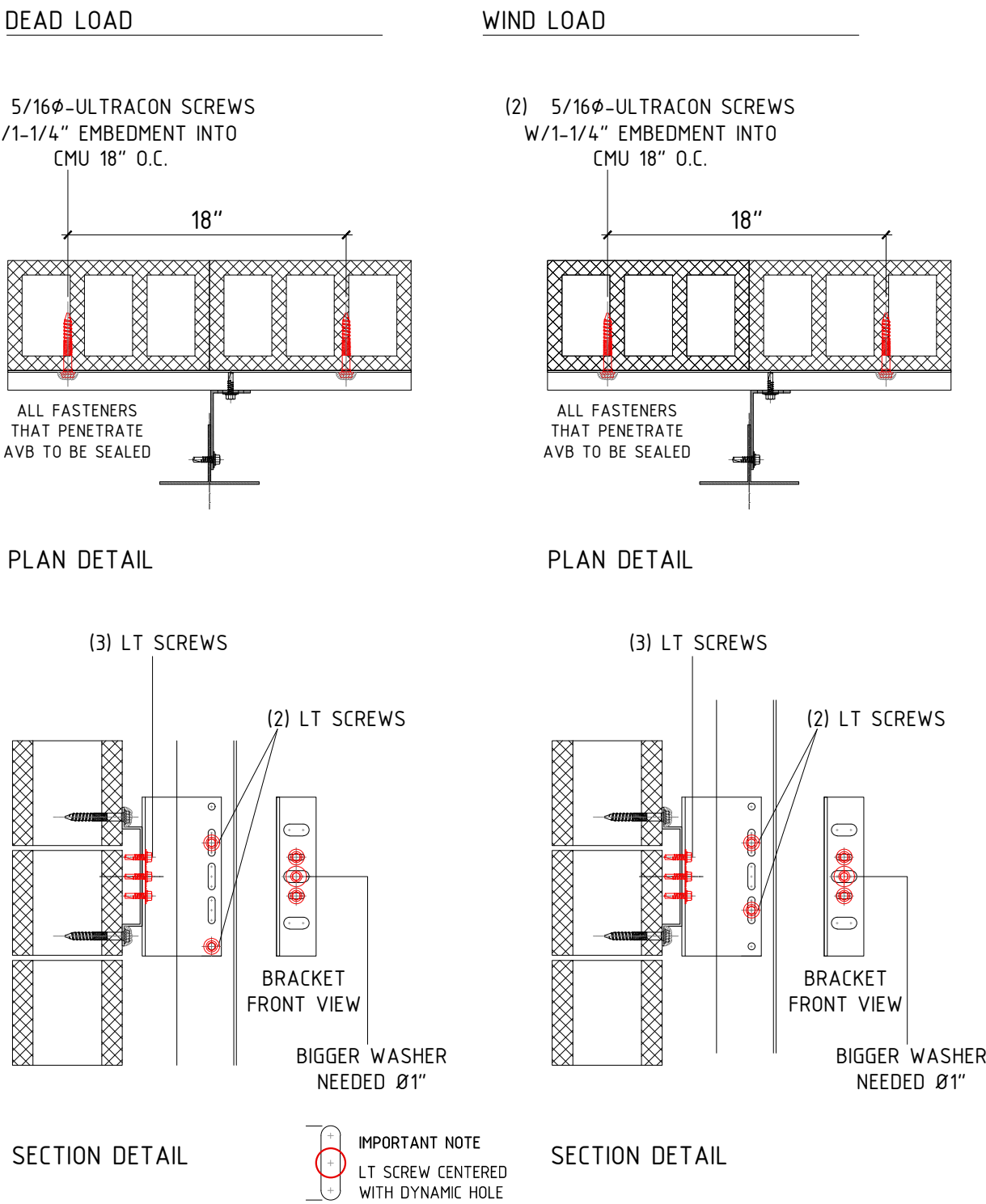
*IF IT NEEDS TO BE LESS, CONSULT WITH PORCELANOSA



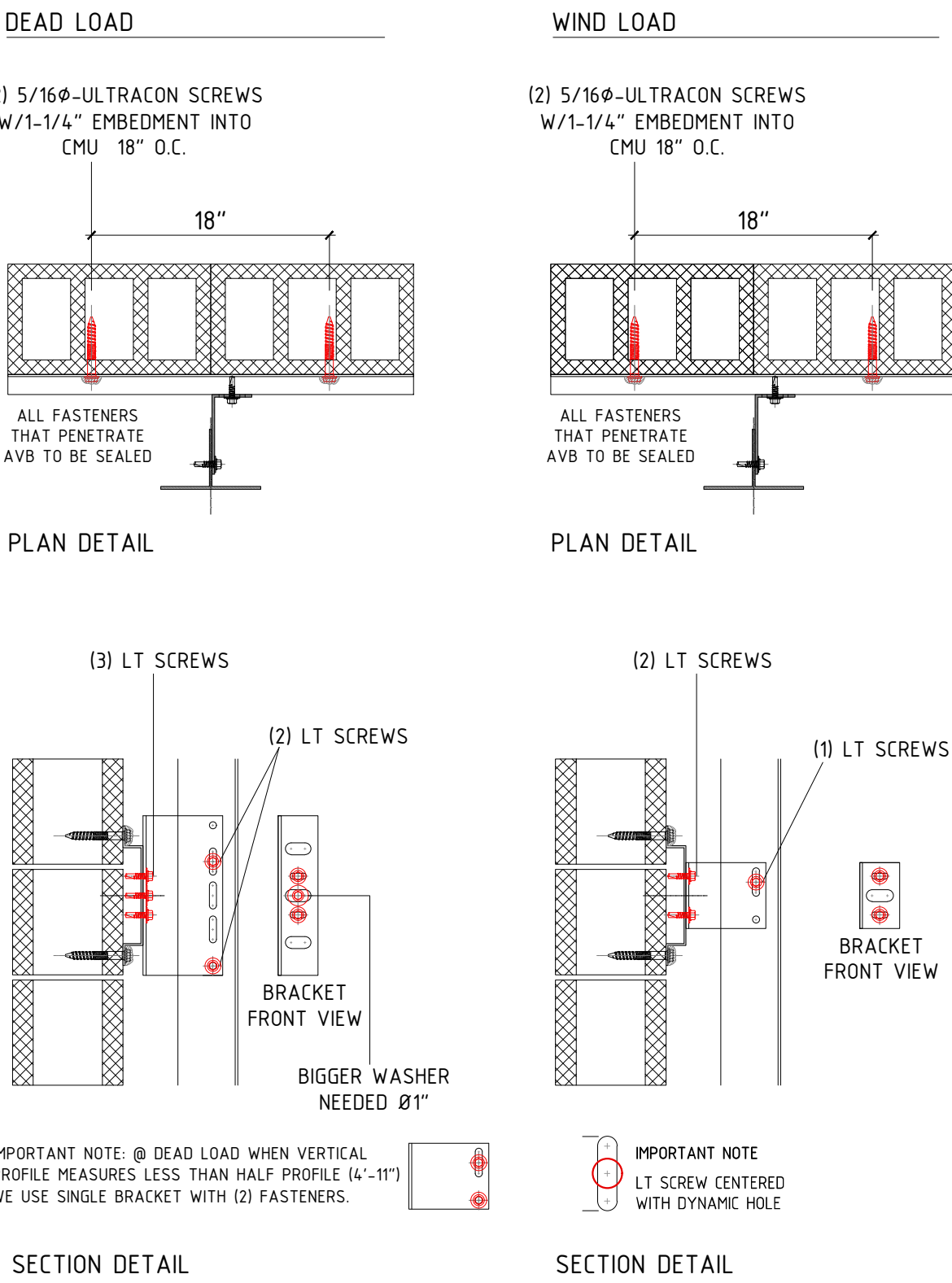
CMU WALL

Spec: 100 GROUTED

CORNER ZONE

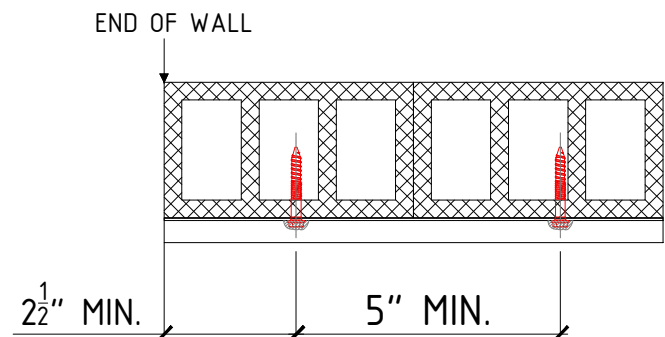


TYPICAL ZONE



ANCHORING MINIMUM DISTANCE TO EDGE OF WALL

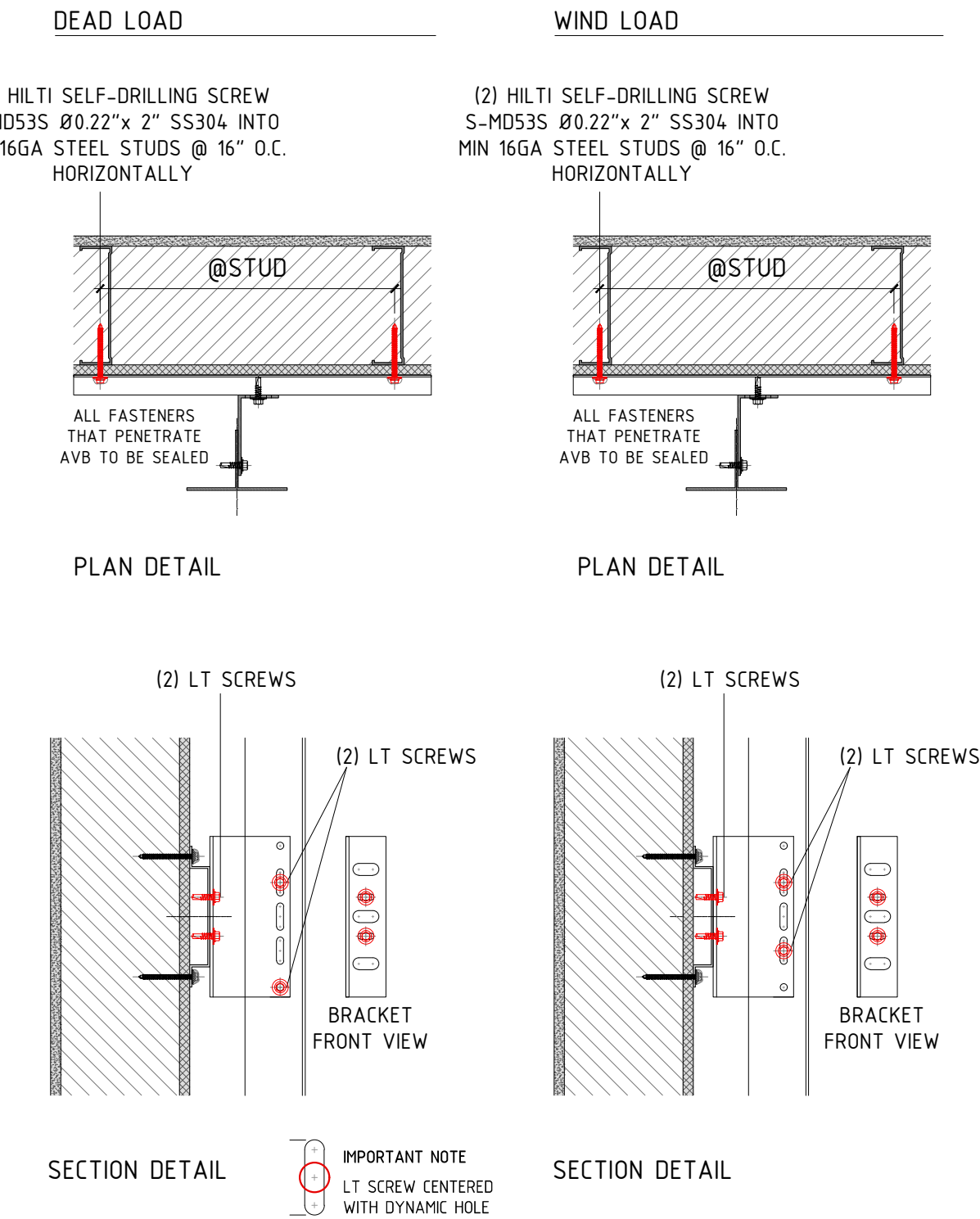
*IF IT NEEDS TO BE LESS, CONSULT WITH PORCELANOSA



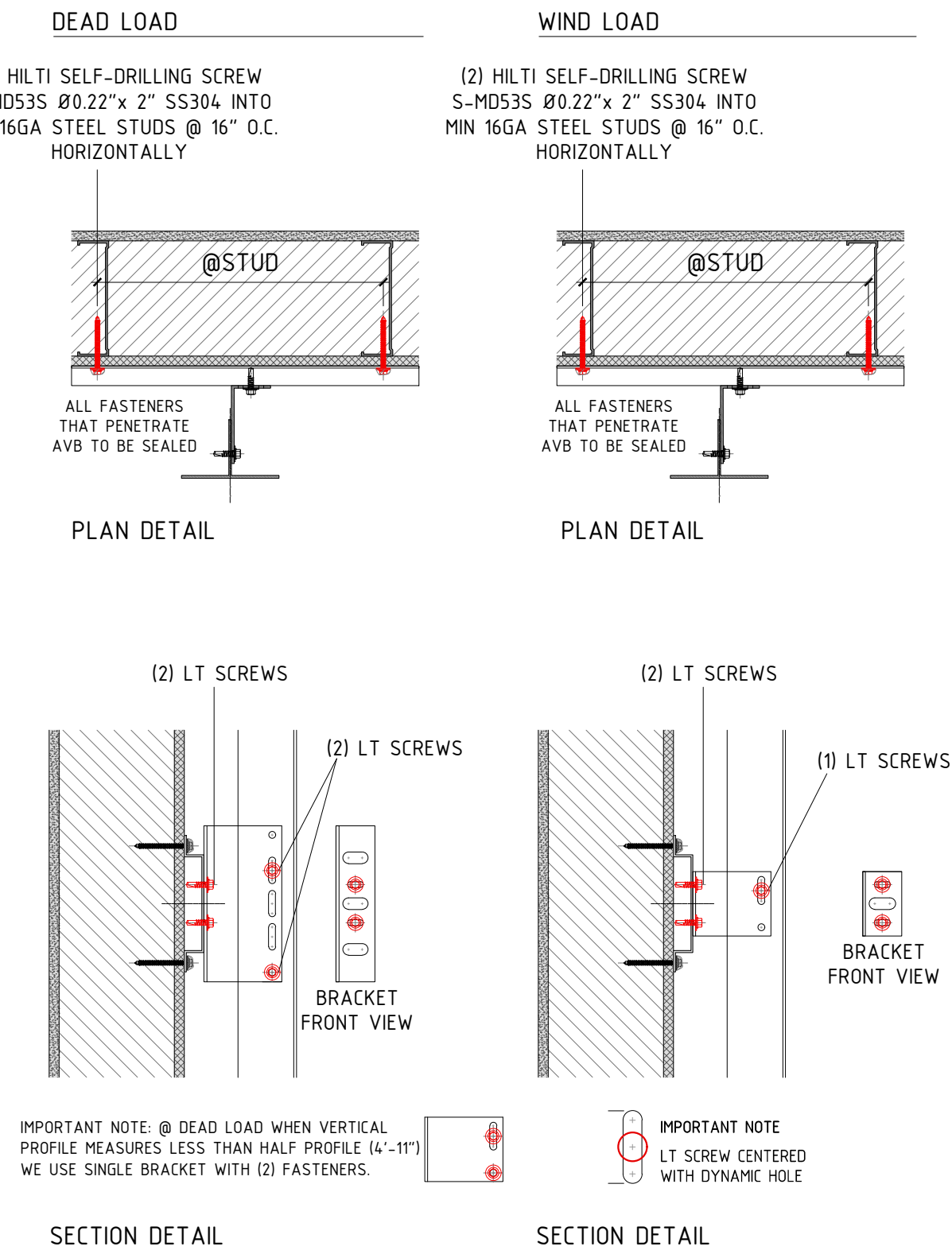
METAL STUD WALL

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

CORNER ZONE

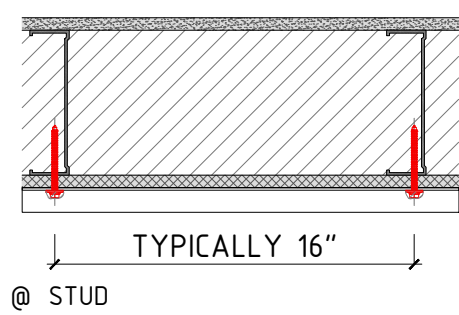


TYPICAL ZONE



ANCHORING MINIMUM DISTANCE TO EDGE OF WALL

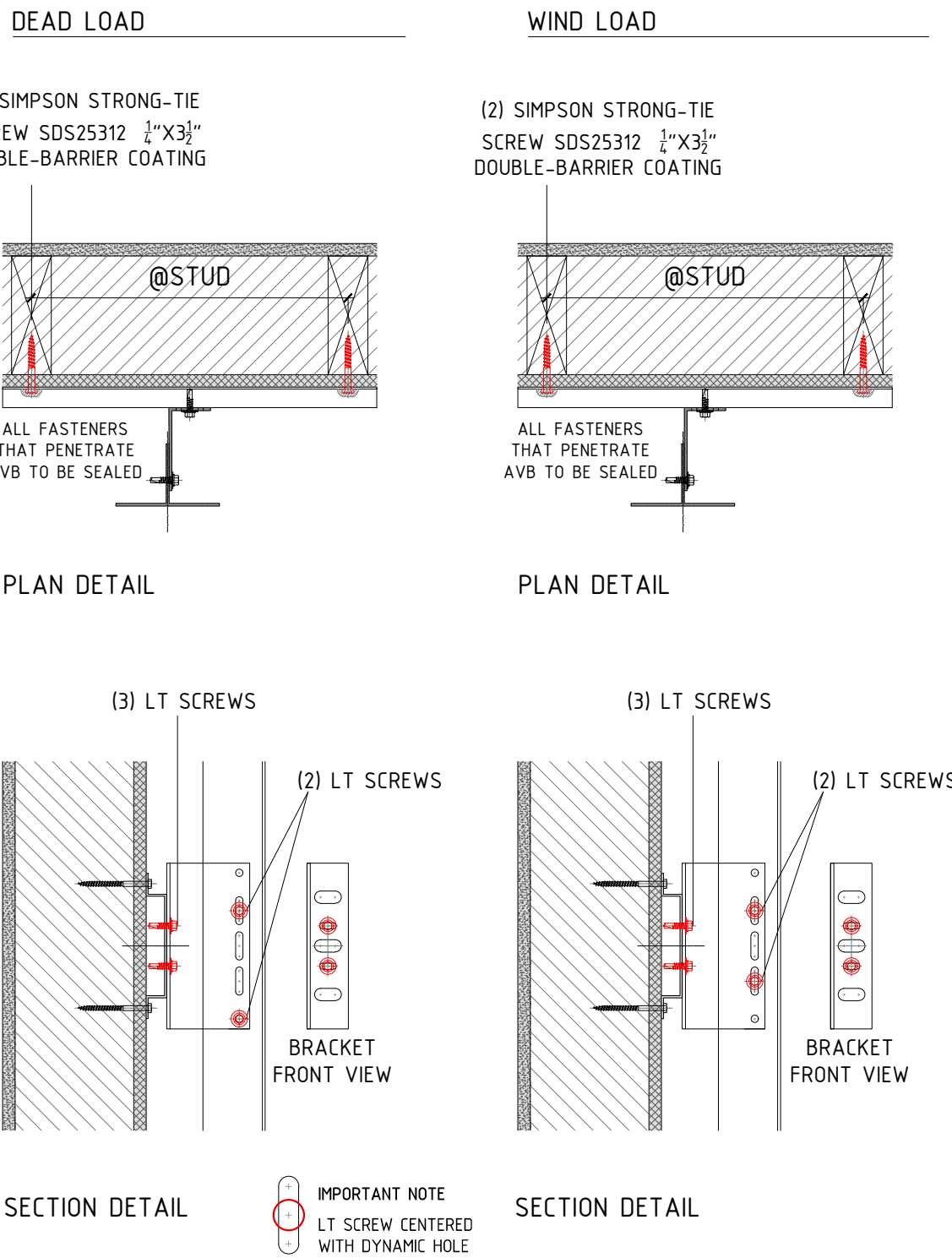
*IF IT NEEDS TO BE LESS, CONSULT WITH PORCELANOSA



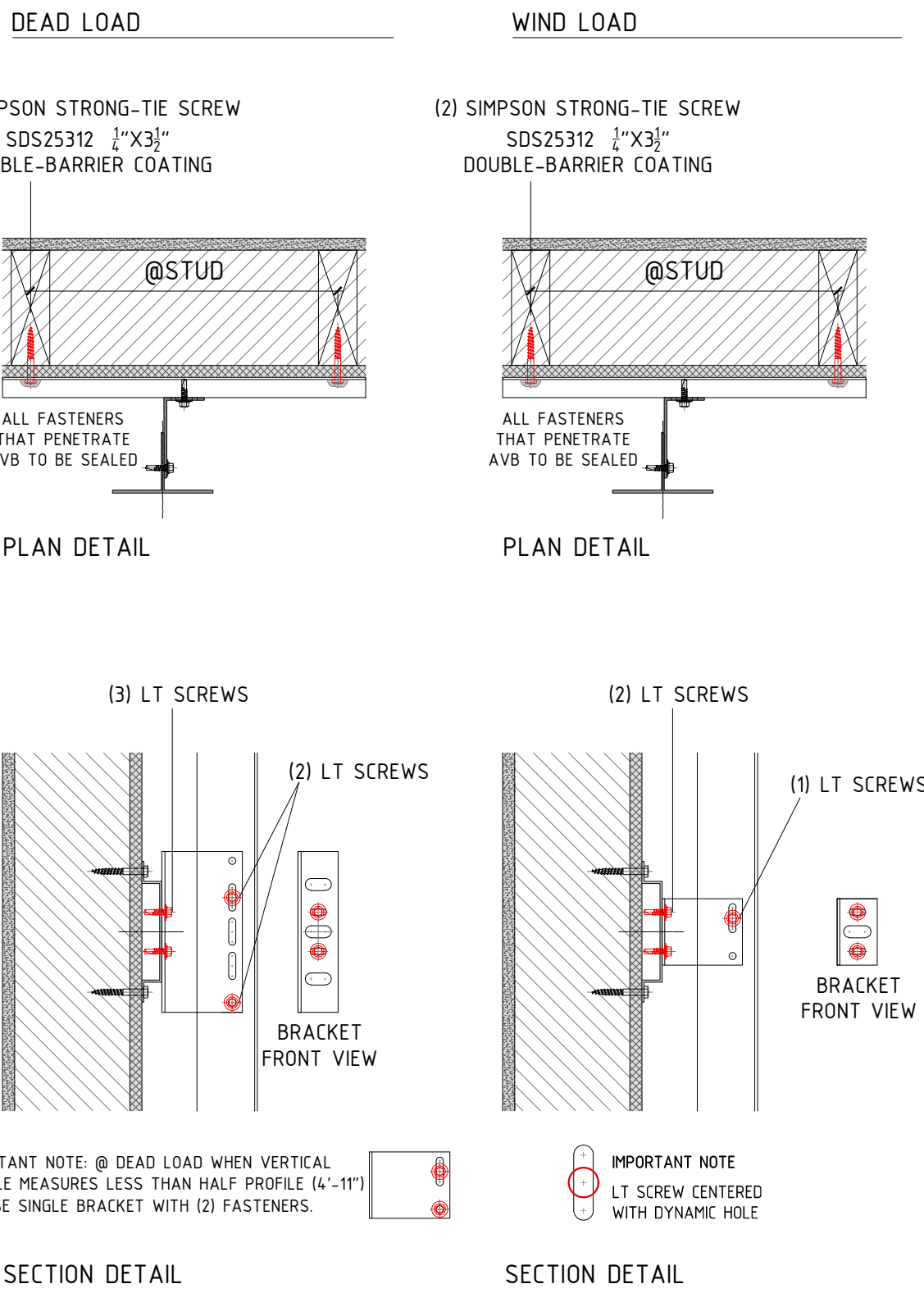
WOOD STUD WALL

Spec: 2X(15 THICK) - 16" O/C

CORNER ZONE

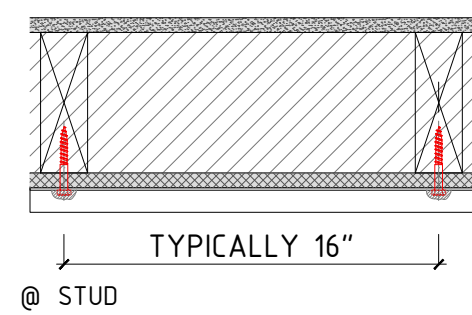


TYPICAL ZONE



ANCHORING MINIMUM DISTANCE TO EDGE OF WALL

*IF IT NEEDS TO BE LESS, CONSULT WITH PORCELANOSA



PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
RAINSREEN PORCELAIN PANEL
THE SUBSTRUCTURE SYSTEM
ANCHORING TO THE BACKUP WALL

SCALE:

NTS

SHEET NO:

109

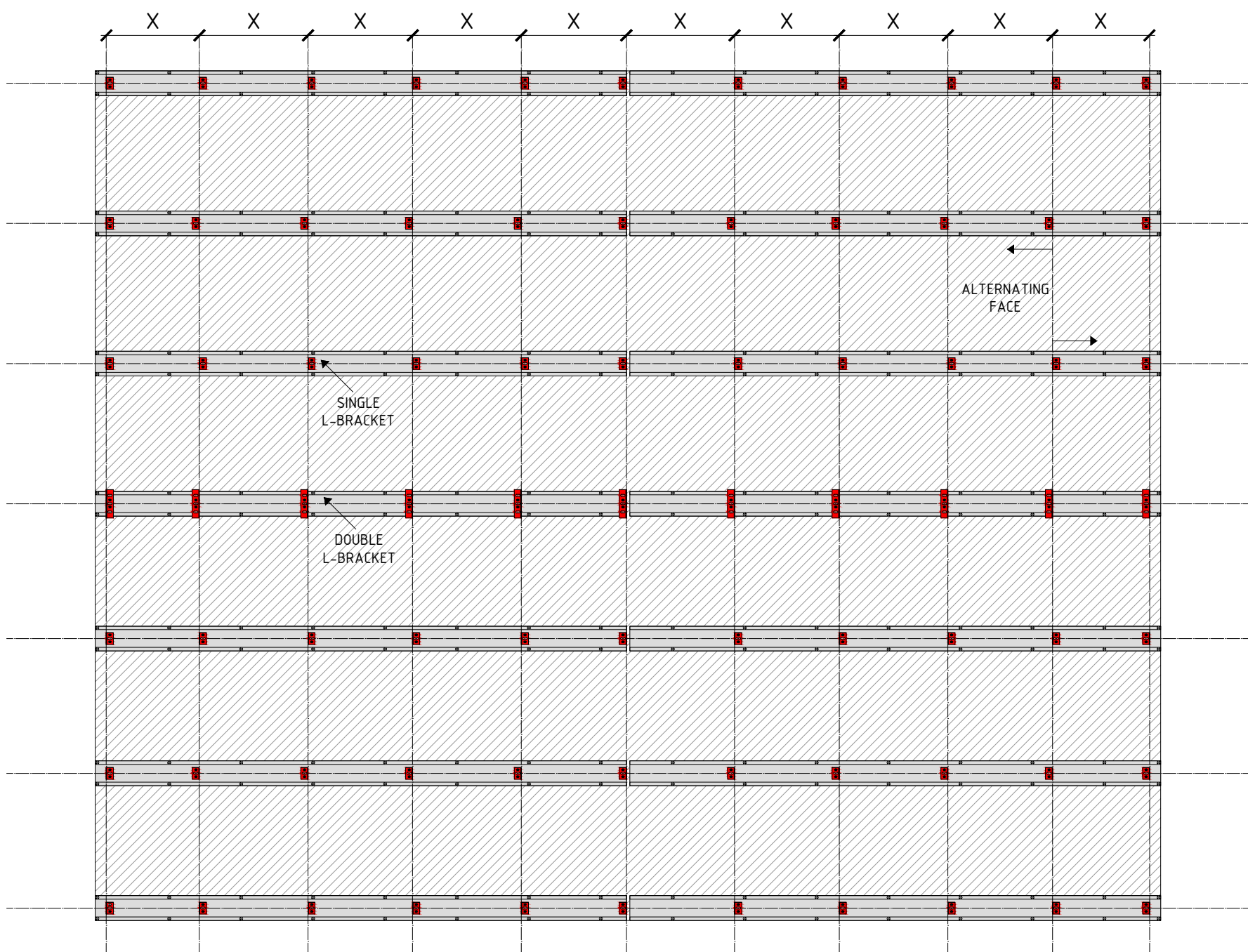
REVISION:

A



STEP 1: OMEGA PROFILES

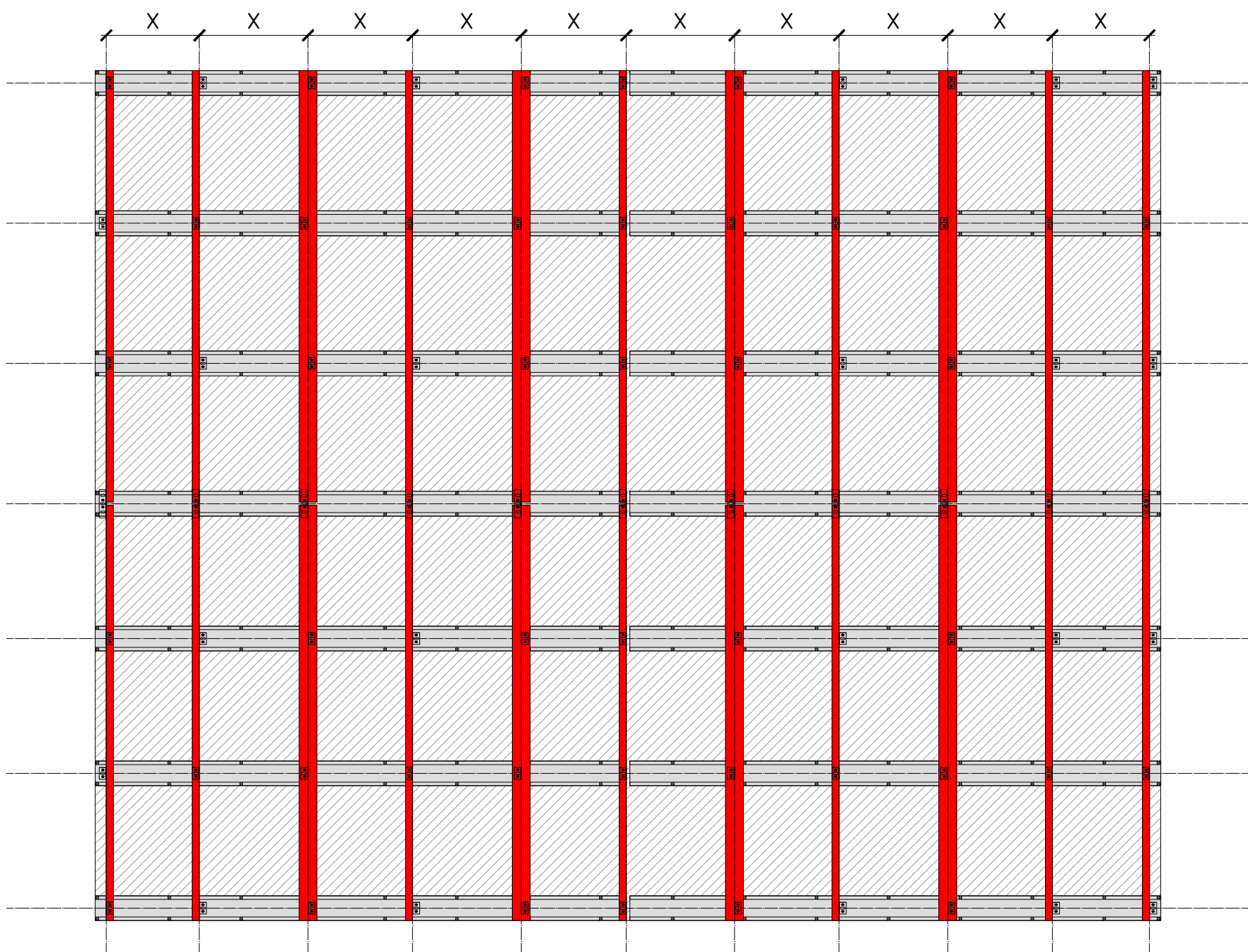
Omegas are installed at stud locations every 24-30" o/c vertically.



STEP 2: SUPPORT BRACKETS + THERMAL ISOLATORS

X= VARIES DEPENDING ON SPACING OF VERTICAL PROFILES

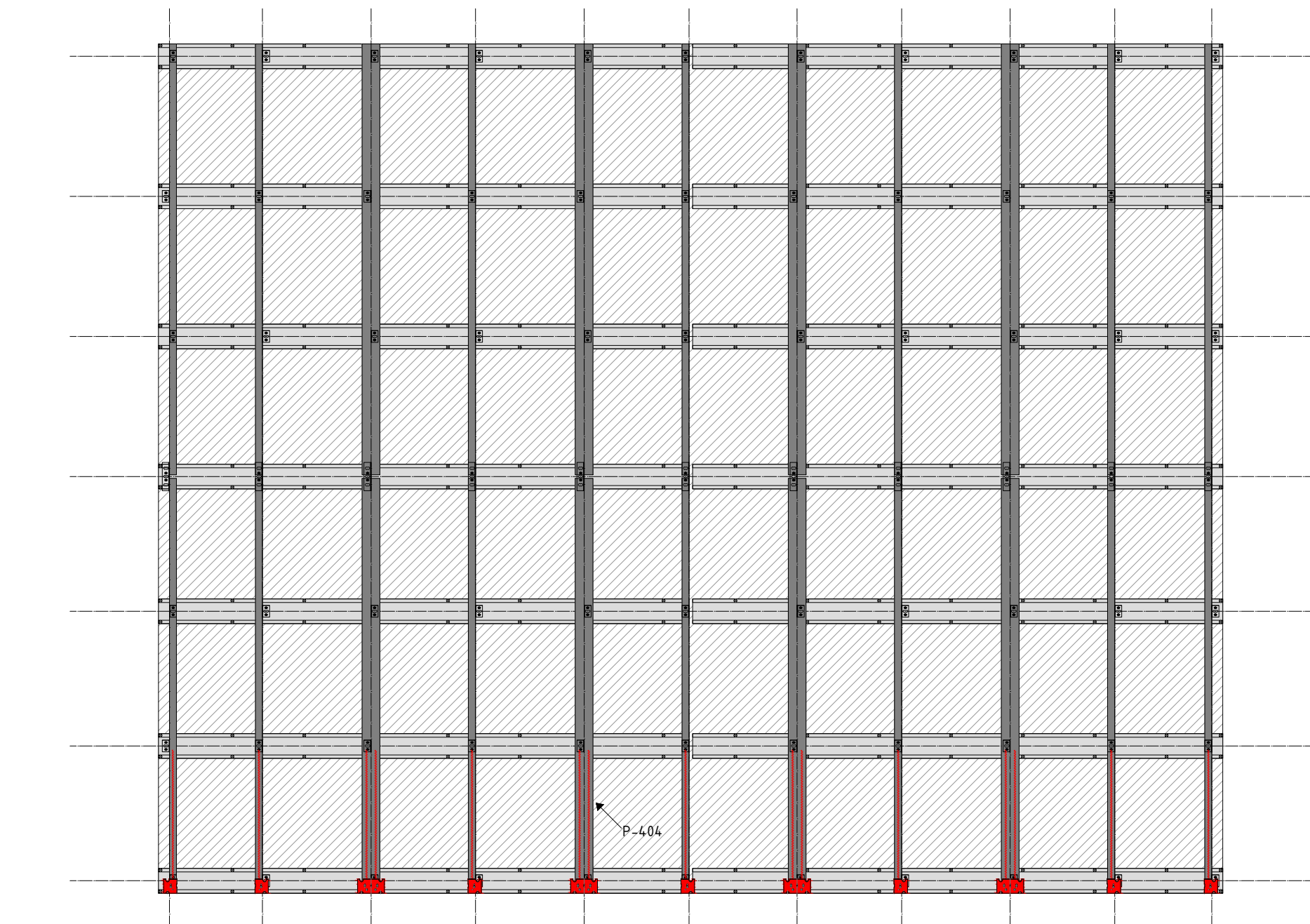
Thermal isolators and brackets are installed alternating face. The brackets are used to attach the vertical profiles to the main structure of the building.



STEP 3: VERTICAL PROFILES

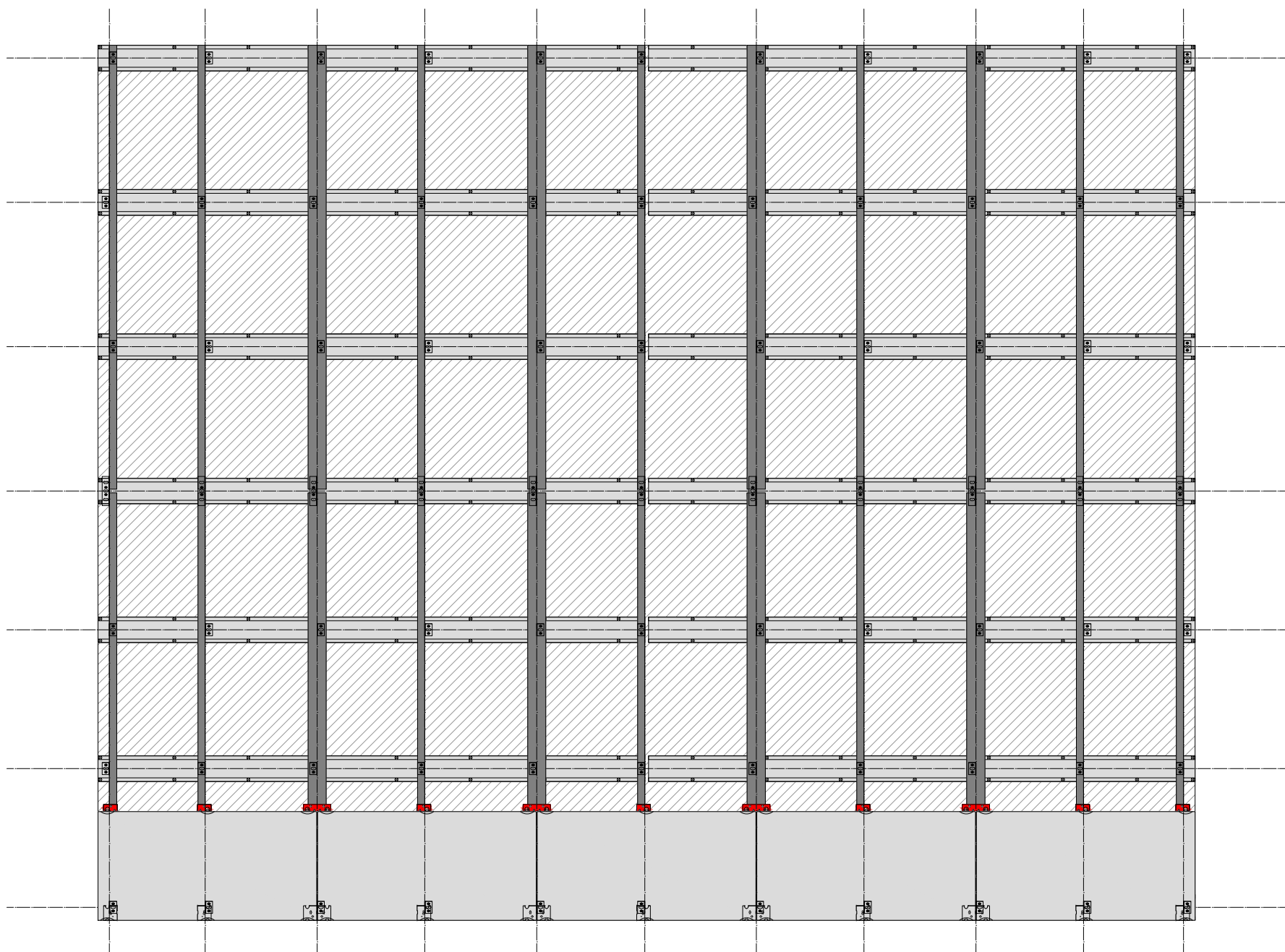
X= VARIES DEPENDING ON WIDTH OF PANEL

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

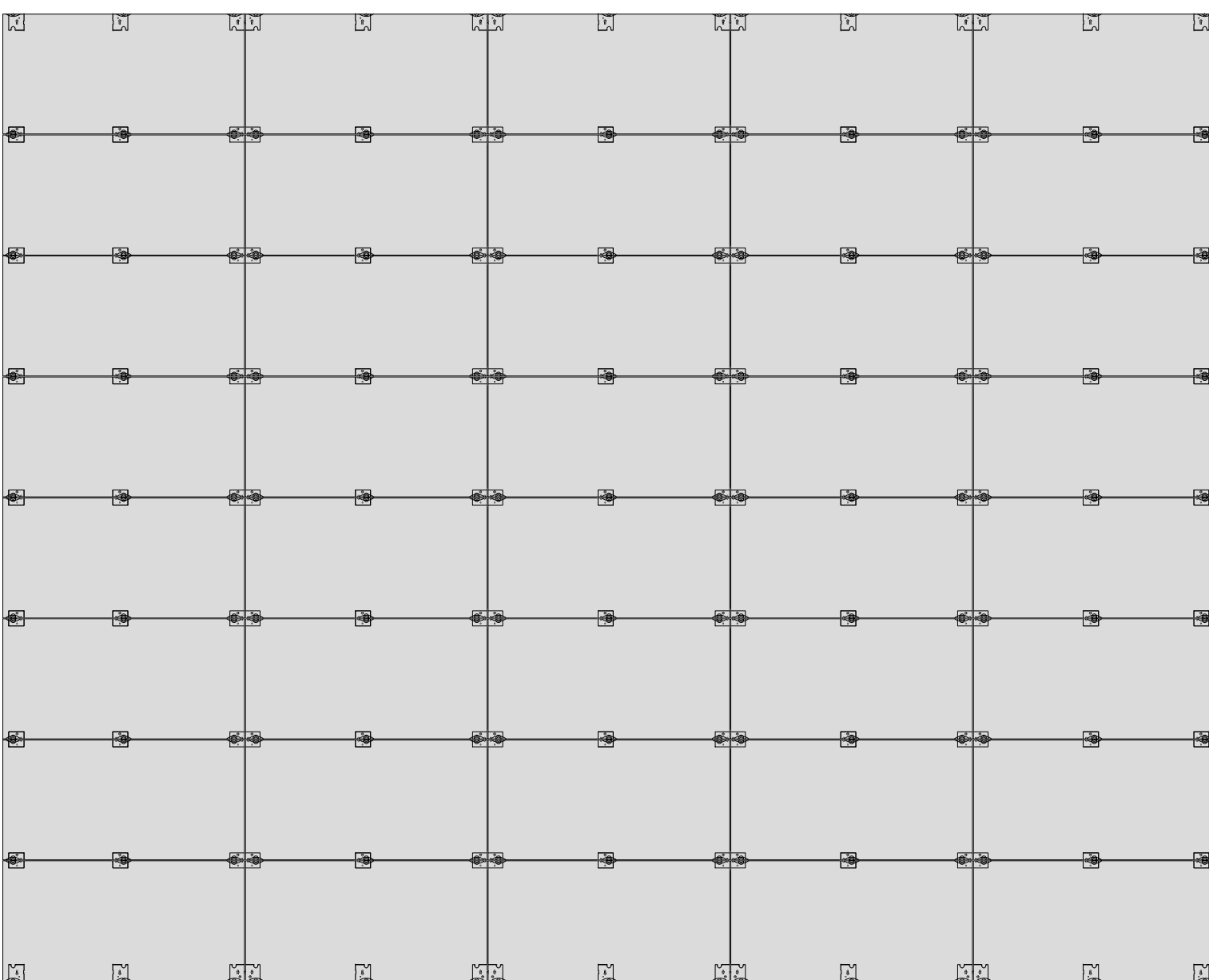


STEP 4: FIRST COURSE OF FIXING PLATES & P-404

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:
DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
RAINSCREEN PORCELAIN PANEL
THE SUBSTRUCTURE SYSTEM
STEP BY STEP INSTALLATION
SEQUENCE

SCALE:
NTS

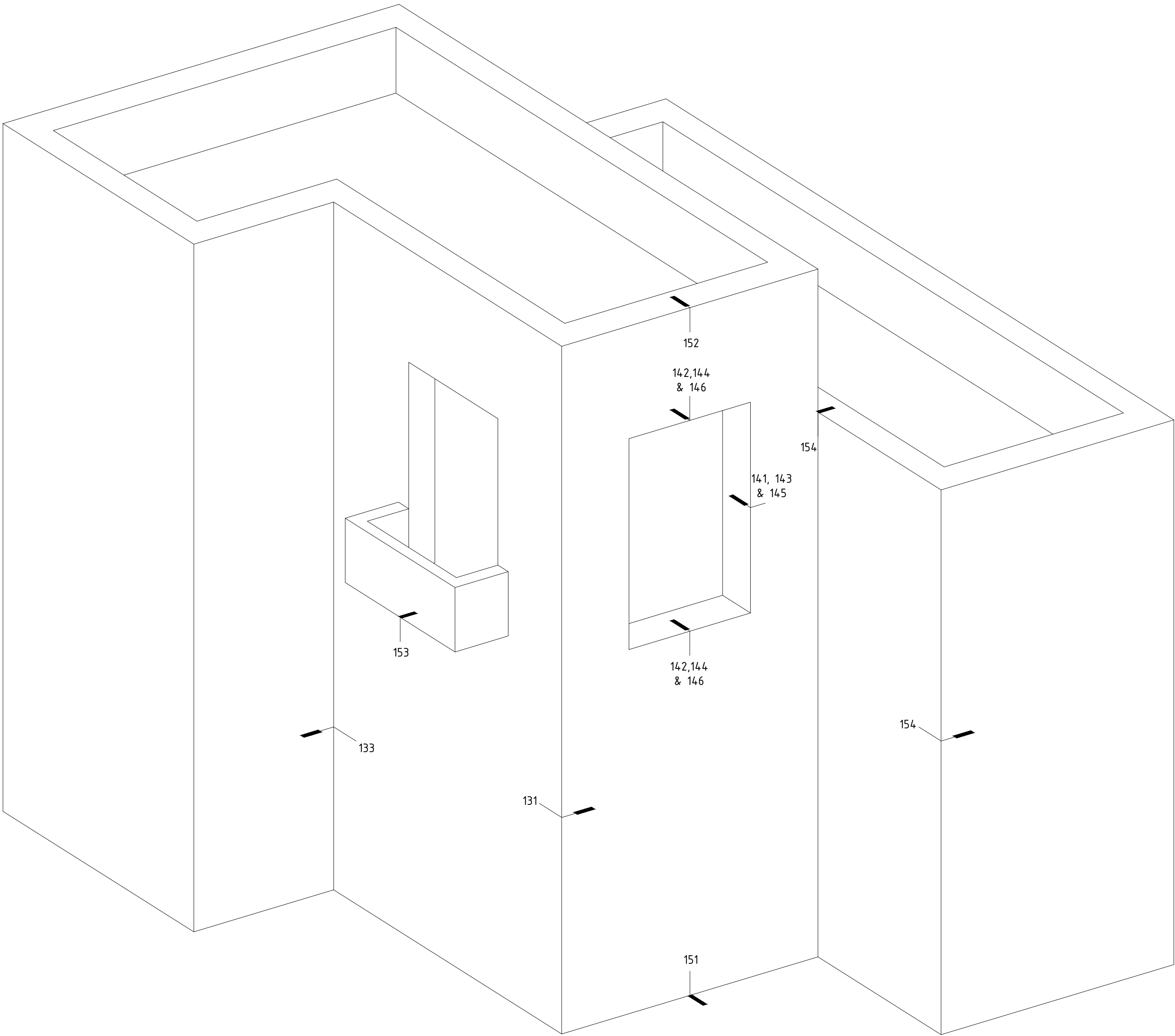
SHEET NO:

110

REVISION:

A

DETAIL INDEX



PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
INDEX OF DETAILS

SCALE:

SHEET NO:

120

REVISION:

A

IMPORTANT NOTES:

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SUPPLIED BY OTHERS

- ① STUD WALL: 6"-16GA; 16" O/C STEEL STUDS + SINGLE DENSEGLASS SHEATHING.
- ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
- ③ WINDOW SYSTEM.
- ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
- ⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22"x 2"SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ⑦ LT SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22"x0.87"+ Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- ⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (11⁄8"x5 1⁄2"); 3M(118 3⁄8") LONG
- ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE, 100X60X2.7MM (3 15⁄16"x2 3⁄8"x1⁄8"); 3M (118 3⁄8") LONG
- ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE 40X60X2.7MM (1 11⁄8"x2 3⁄8"x1⁄8"); 3M (118 3⁄8") LONG

BRACKETS

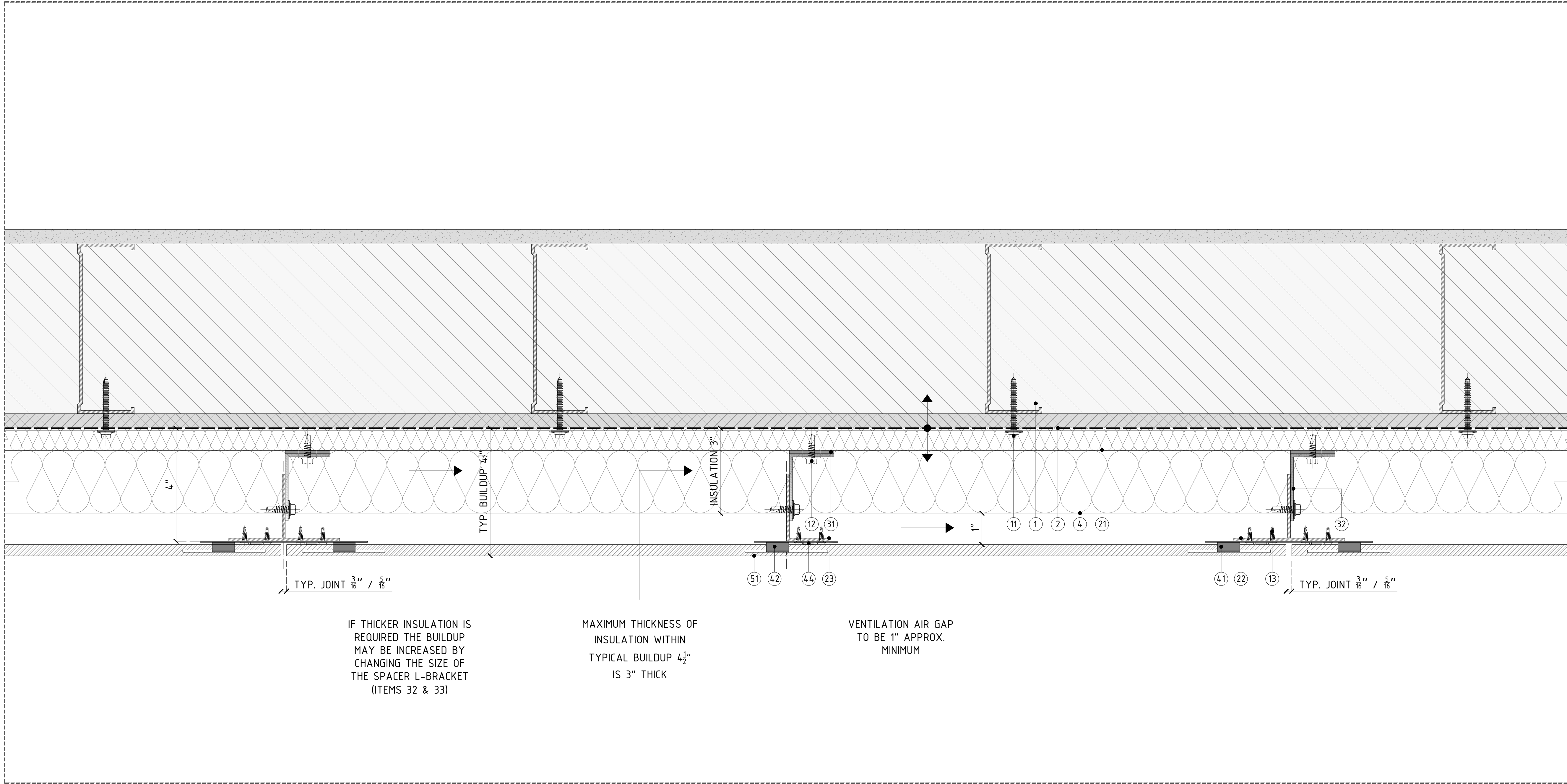
- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
- ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (1⁄8") / 8MM (5⁄16") JOINT.
- ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (1⁄8") / 8MM (5⁄16") JOINT.
- ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
- ⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

- ⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL A - TYP. PLAN DETAIL

↑ CLADDING SYSTEM TOLERANCE +/- 3⁄4" (19.05MM)

REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
HORIZONTAL TYPICAL DETAIL

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

SHEET NO:

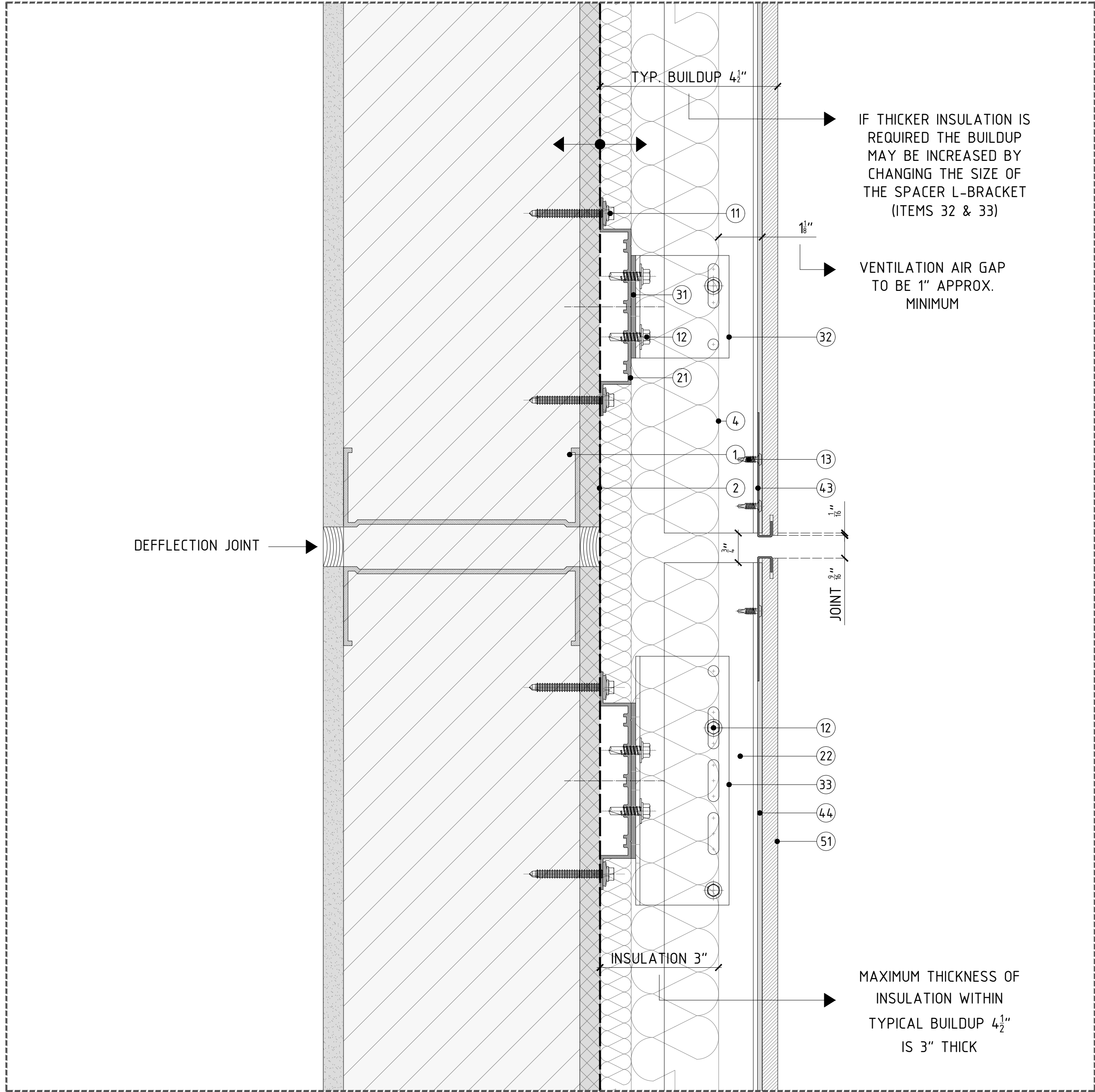
121

REVISION:

A

IMPORTANT NOTES:

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

CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

SUPPLIED BY OTHERS

- ① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.
- ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
- ③ WINDOW SYSTEM.
- ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
- ⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22" X 2" S5304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K S5304 Ø0.22" X 0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- ⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/8" X 5 1/2"); 3M (118") LONG
- ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE. 100X60X2.7MM (3 15/16" X 2 3/8" X 1/8"); 3M (118") LONG
- ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE. 40X60X2.7MM (1 1/2" X 2 3/8" X 1/8"); 3M (118") LONG

BRACKETS

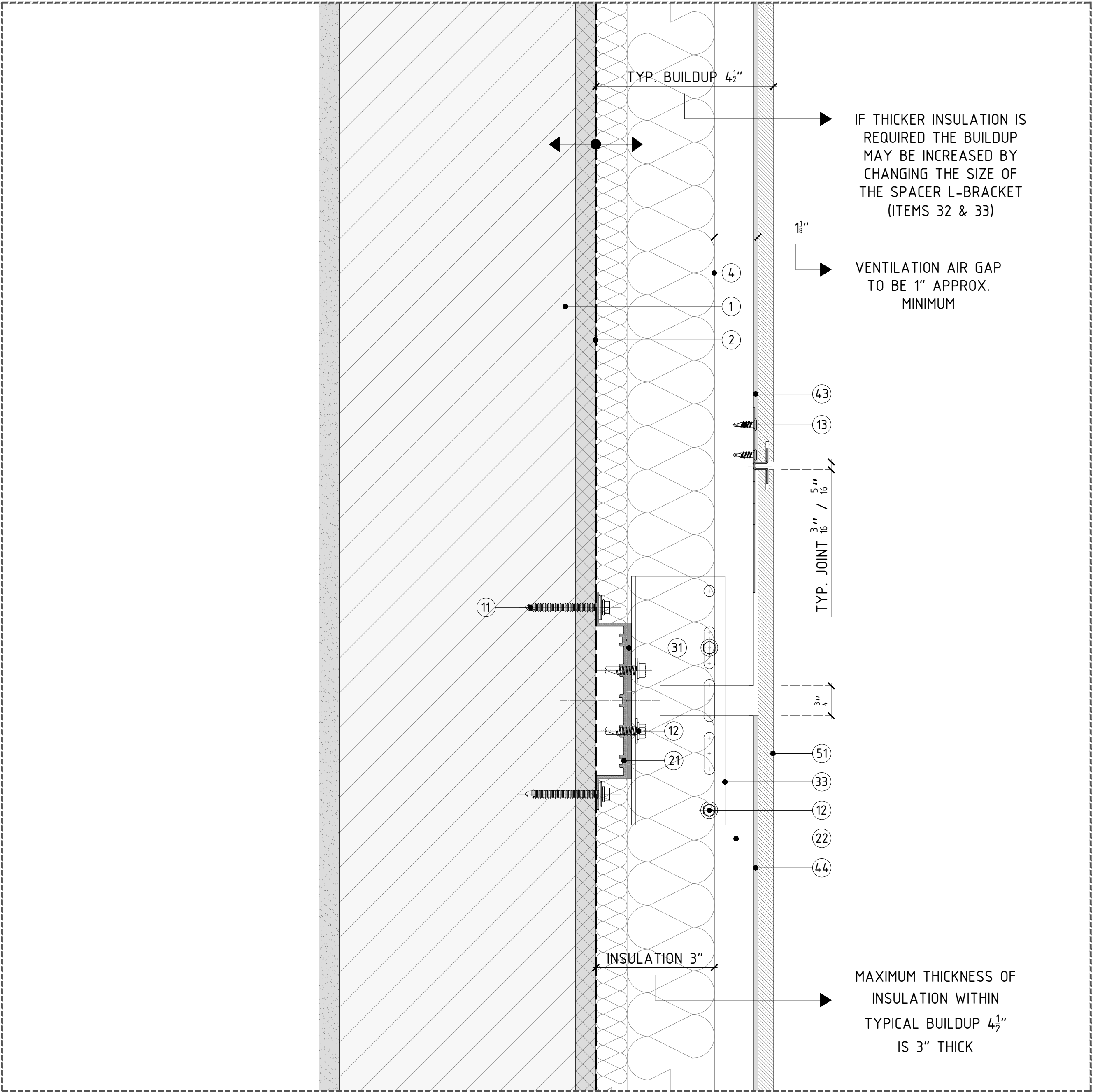
- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
- ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
- ⑱ BLACK POLYURETHANE STRUCTURAL SILICON-P-404.

CERAMIC

- ⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



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

REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
VERTICAL TYPICAL DETAIL

SCALE:

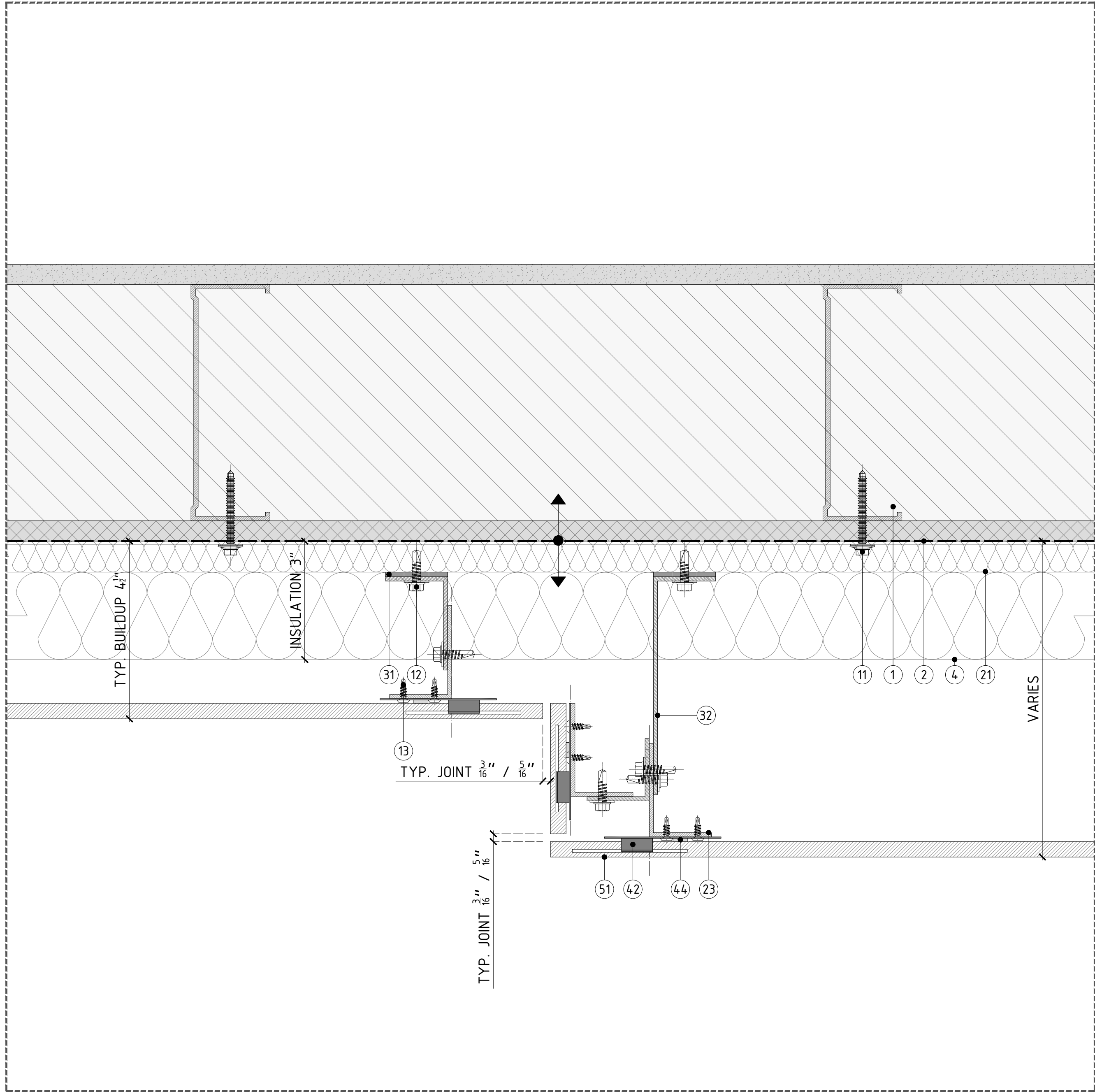
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SHEET NO:

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REVISION:

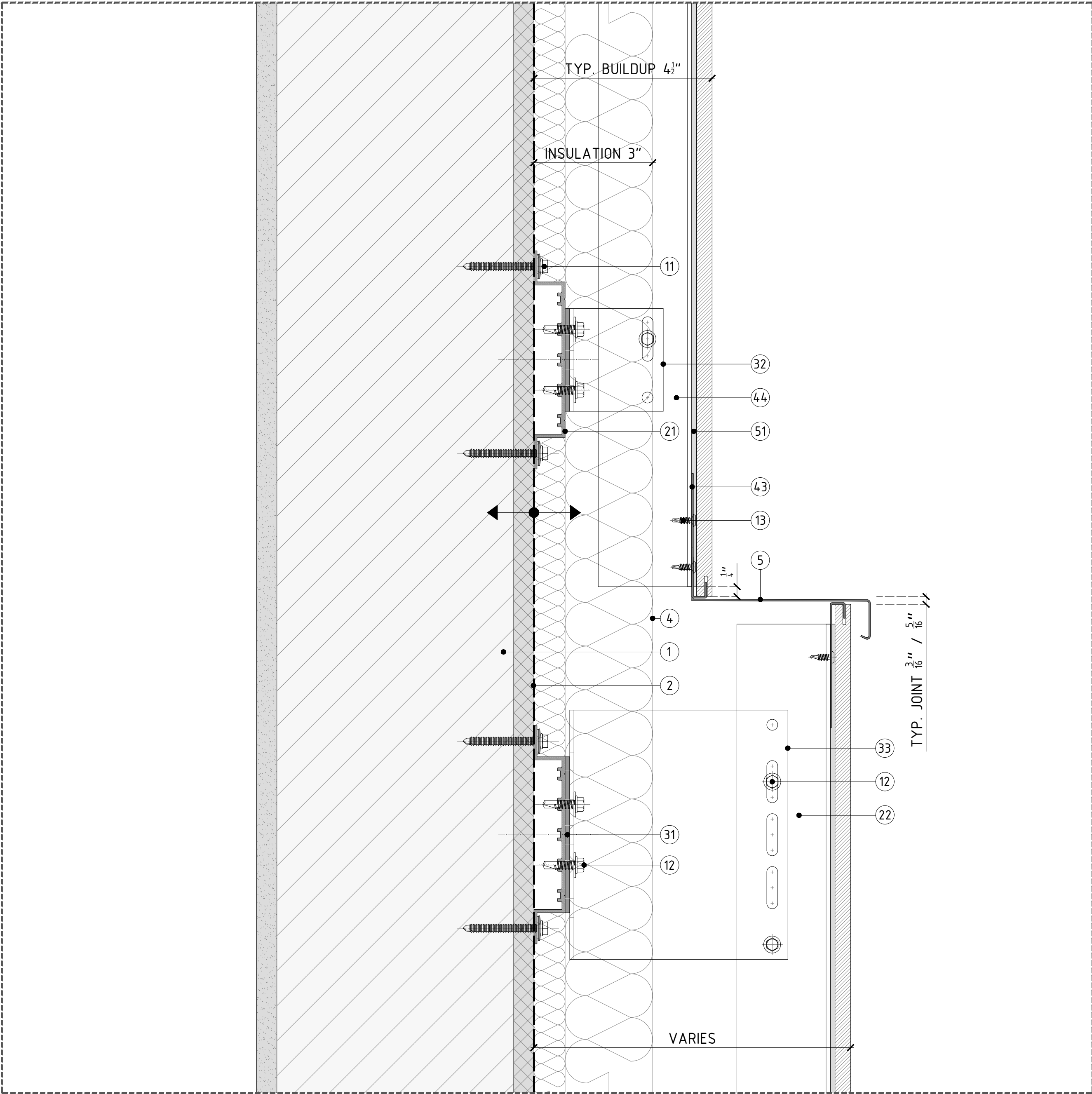
A



DETAIL A - TYP. PLAN DETAIL @ SYSTEM DEPTH VARIATION

↑ CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

- SUPPLIED BY OTHERS
- ① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENGGLASS SHEATHING.
 - ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
 - ③ WINDOW SYSTEM.
 - ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
 - ⑤ ALUMINUM FLASHING.
- SUPPLIED BY PORCELANOSA GRUPO
- ANCHORS & SCREWS
- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22" X 2" SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
 - ⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22" X 0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
 - ⑧ FIXING CLIP SCREW; ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.
- PROFILES
- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/8" X 5 1/2"); 3M (118 1/8") LONG
 - ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE 100X60X2.7MM (3 15/16" X 2 3/8" X 1/4"); 3M (118 1/8") LONG
 - ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE 40X60X2.7MM (1 1/2" X 2 3/8" X 1/4"); 3M (118 1/8") LONG
- BRACKETS
- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
 - ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
 - ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- FIXING CLIPS & ADHESIVE
- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
 - ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
 - ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
 - ⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.
- CERAMIC
- ⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



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

PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
OPTIONS FOR VARIOUS DEPTHS OF
THE SYSTEM

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

SHEET NO:

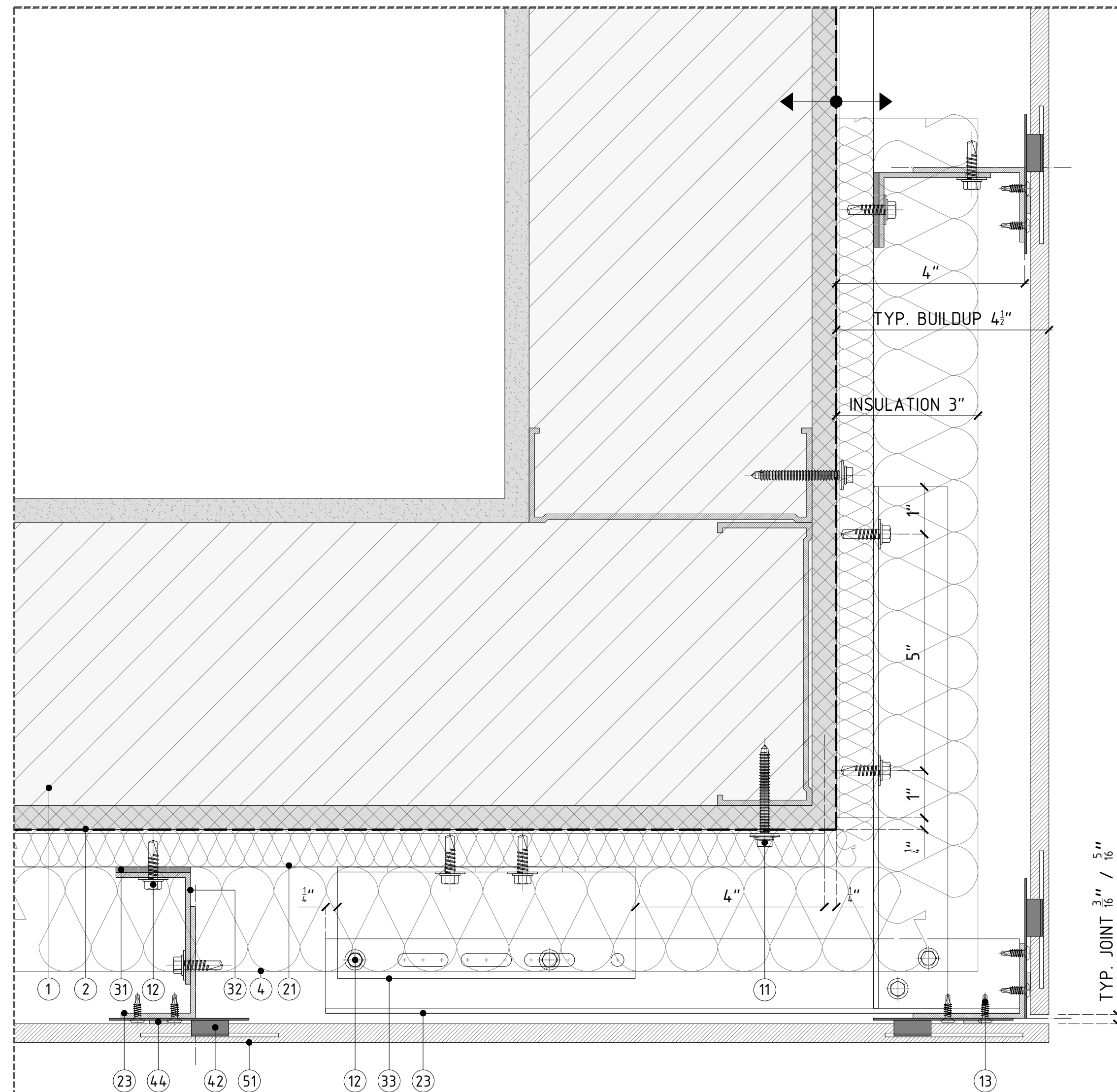
123

REVISION:

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IMPORTANT NOTES:

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DETAIL A - TYP. OUTSIDE CORNER DETAIL

CLADDING SYSTEM TOLERANCE $\pm \frac{3}{4}"$ (19.05MM)

SUPPLIED BY OTHERS

- ③ STUD WALL: 6"-16GA; 16" O/C STEEL STUDS + SINGLE DENSEGLASS SHEATHING.
- ④ DAMP-PROOF COARSE (DPC) + WATERPROOFING.
- ⑤ WINDOW SYSTEM.
- ⑥ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
- ⑦ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

- ③ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MDS3 0022"X 2"SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ④ LT SCREW; ETANCO SELF-DRILLING SCREW 7504K SS304 0022"X0.87" .0063" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- ⑤ FIXING CLIP SCREW; ETANCO SELF-DRILLING SCREW #017 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- 25 ALUMINUM ALLOY (6063-769) OMEGA
PROFILE 20X140MM ($\frac{3}{8}$ "X $5\frac{1}{2}$ "); 3M (118 $\frac{1}{4}$ ")
LONG
- 26 POWDER COATED (BLACK) ALUMINUM
ALLOY (6063-769) T-PROFILE,
100X60X2.7MM ($3\frac{1}{2}$ "X $2\frac{3}{8}$ "X $\frac{1}{8}$ "), 3M (118 $\frac{1}{4}$ ")
LONG
- 27 POWDER COATED (BLACK) ALUMINUM
ALLOY (6063-769) L-PROFILE
40X60X2.7MM ($1\frac{1}{2}$ "X $2\frac{3}{8}$ "X $\frac{1}{8}$ "), 3M (118 $\frac{1}{4}$ ")
LONG

BRACKETS

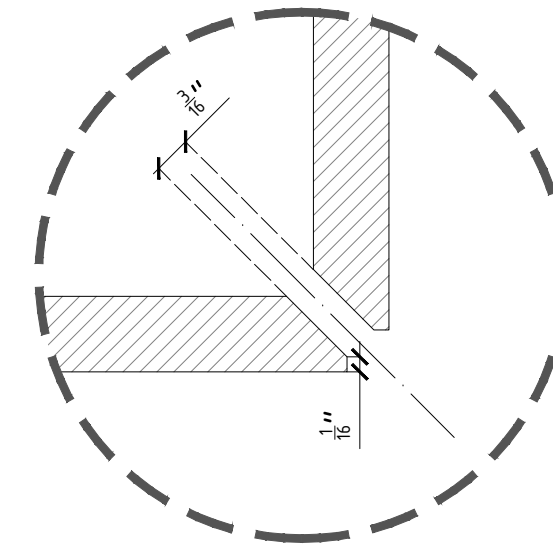
- ① SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
- ② SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- ③ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

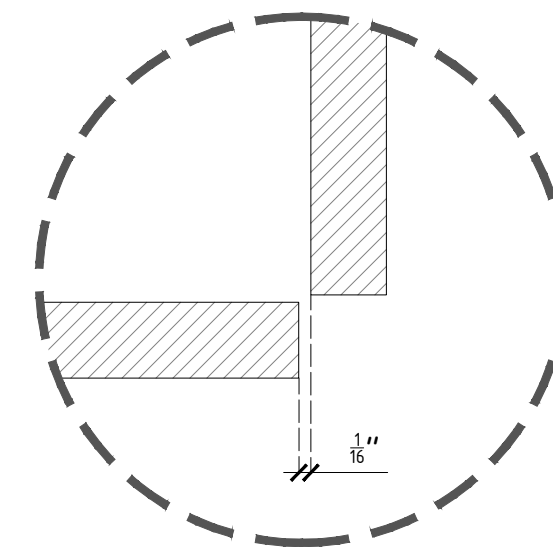
- ④ CONCEALED/EXPOSED CENTRAL
STAINLESS STEEL FIXING PLATE.
TYP. 5MM ($\frac{3}{16}$ ") / 8MM ($\frac{5}{16}$ ") JOINT.
- ⑤ CONCEALED/EXPOSED LATERAL
STAINLESS STEEL FIXING PLATE.
TYP. 5MM ($\frac{3}{16}$ ") / 8MM ($\frac{5}{16}$ ") JOINT.
- ⑥ CONCEALED/EXPOSED START/END
STAINLESS STEEL FIXING PLATE.
- ⑦ BLACK POLYURETHENE STRUCTURAL
SILICON-P-404.

CERAMIC

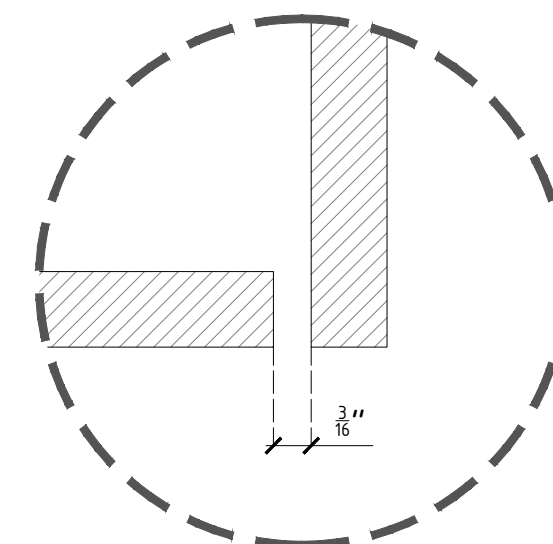
- ⑤ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



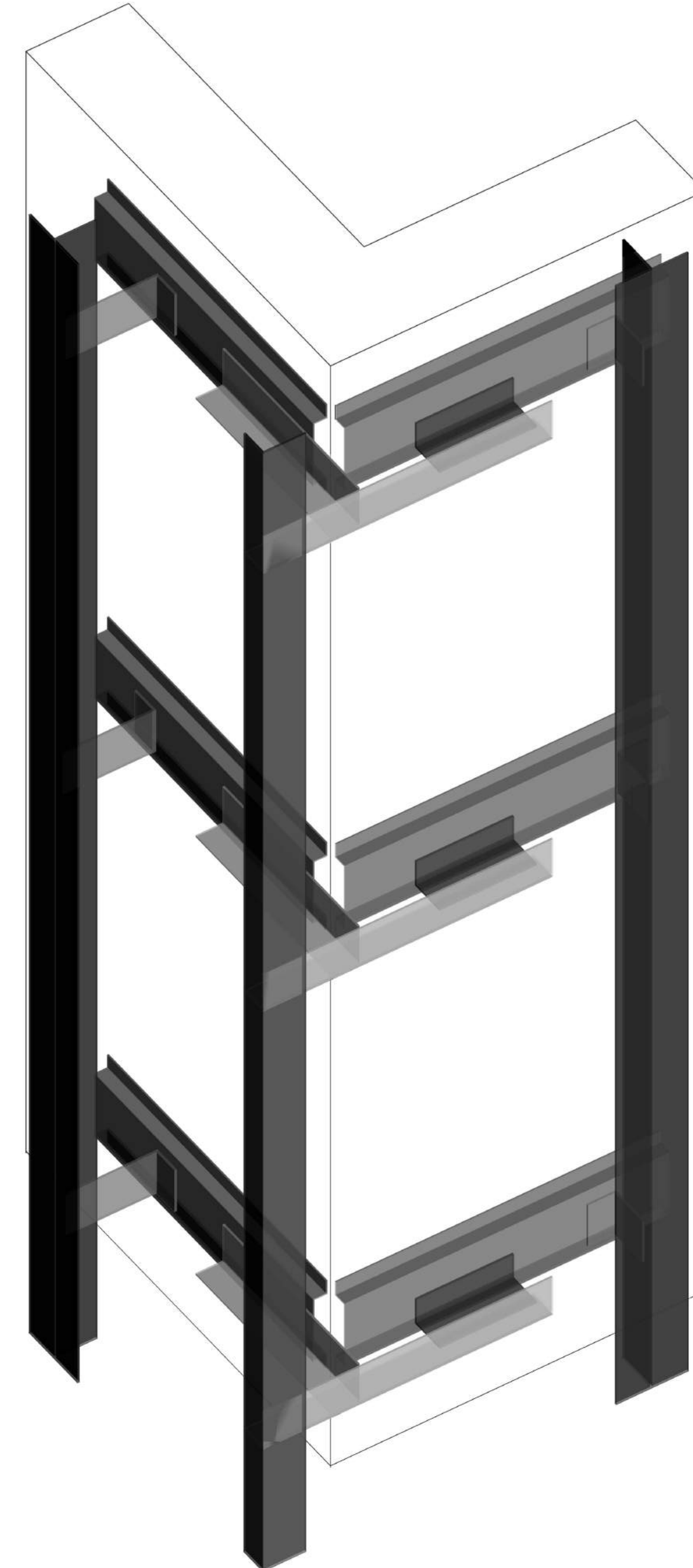
MITERED CORNER



RECESSED CORNER



TYPICAL CORNER



REVISIONS:

[illegible]

SHEET TITLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
TYPICAL OUTSIDE CORNER

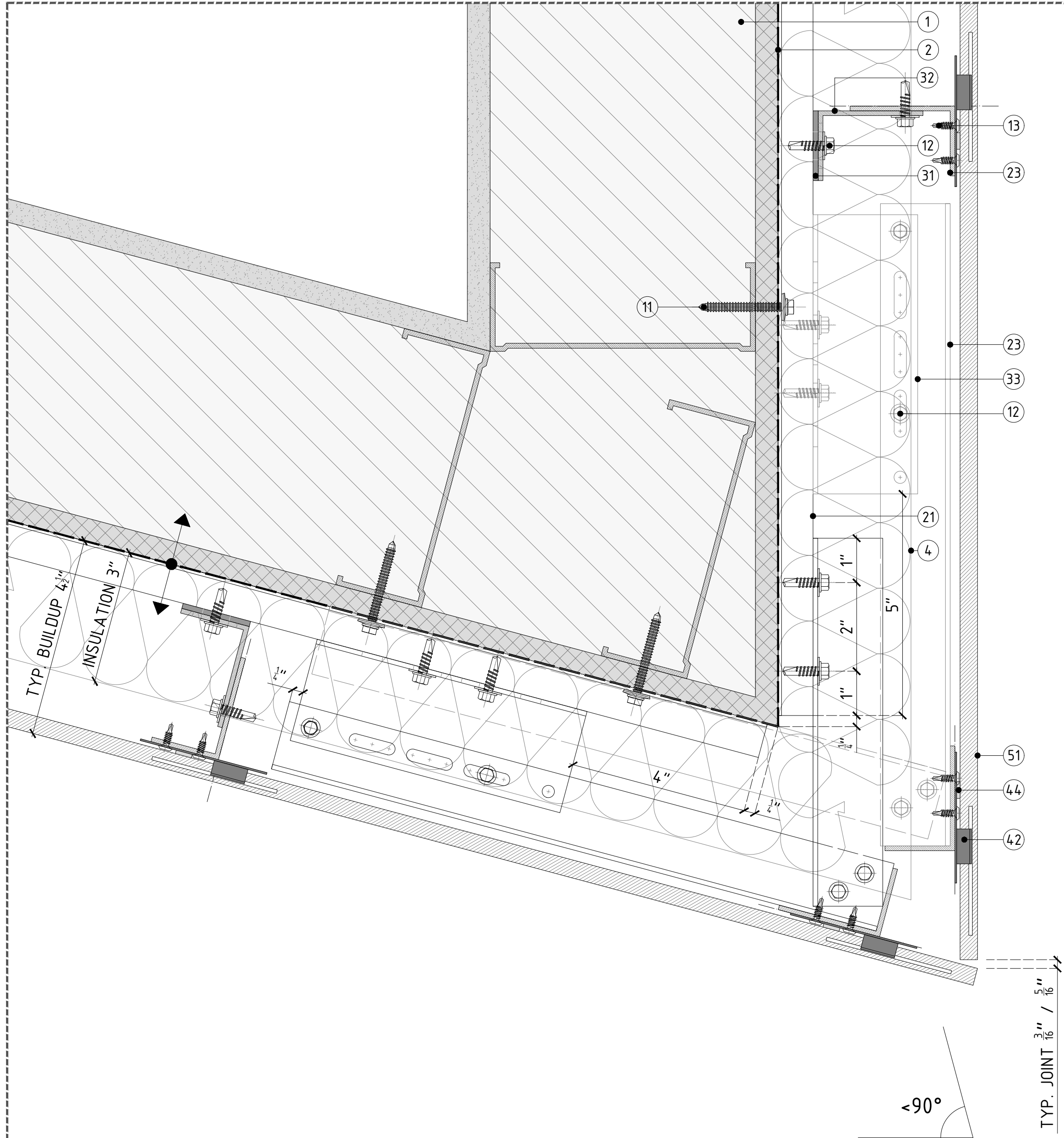
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SHEET NO:

REVISION:

131

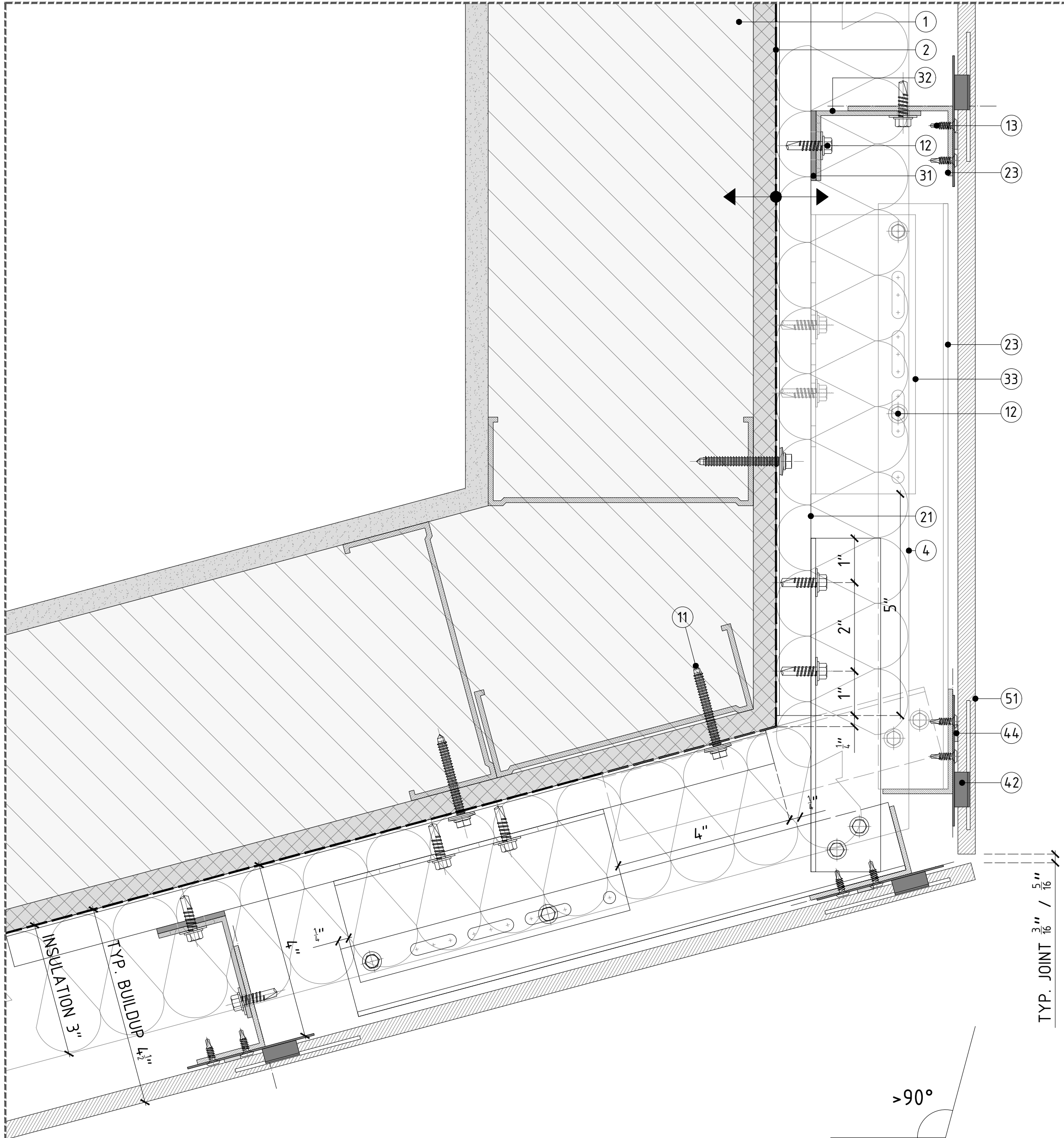
A



DETAIL A - TYP. OUTSIDE CORNER DETAIL <90 DEGREES

CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

- SUPPLIED BY OTHERS
- ① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.
 - ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
 - ③ WINDOW SYSTEM.
 - ⑤ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
 - ⑥ ALUMINUM FLASHING.
- SUPPLIED BY PORCELANOSA GRUPO
- ANCHORS & SCREWS
- ⑩ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22" X 2" SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
 - ⑪ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22" X 0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
 - ⑫ FIXING CLIP SCREW; ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.
- PROFILES
- ⑭ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/4" X 5 1/2"); 3M (118 1/8") LONG
 - ⑮ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE 100X60X2.7MM (3 15/16" X 2 3/8" X 1/8"); 3M (118 1/8") LONG
 - ⑯ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE 40X60X2.7MM (1 1/2" X 2 3/8" X 1/8"); 3M (118 1/8") LONG
- BRACKETS
- ⑰ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
 - ⑱ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
 - ⑲ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- FIXING CLIPS & ADHESIVE
- ⑳ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
 - ㉑ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
 - ㉒ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
 - ㉓ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.
- CERAMIC
- ㉔ PORCELAIN PANEL PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL B - TYP. OUTSIDE CORNER DETAIL >90 DEGREES

PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE
PORCELANOSA

PORCELANOSAFACADES.COM

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:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
OUTSIDE CORNER (NON 90°)

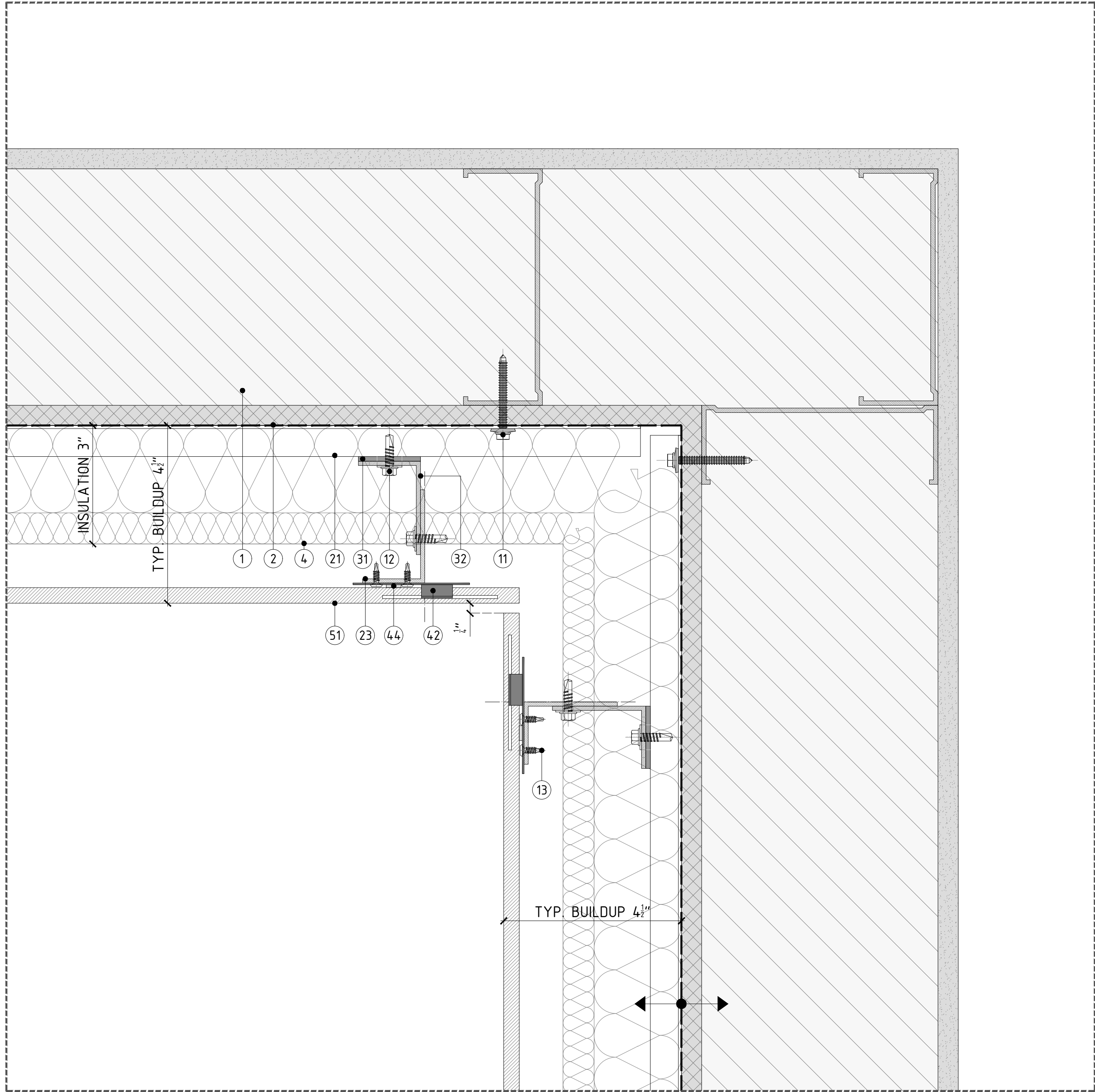
SCALE:
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SHEET NO:

132

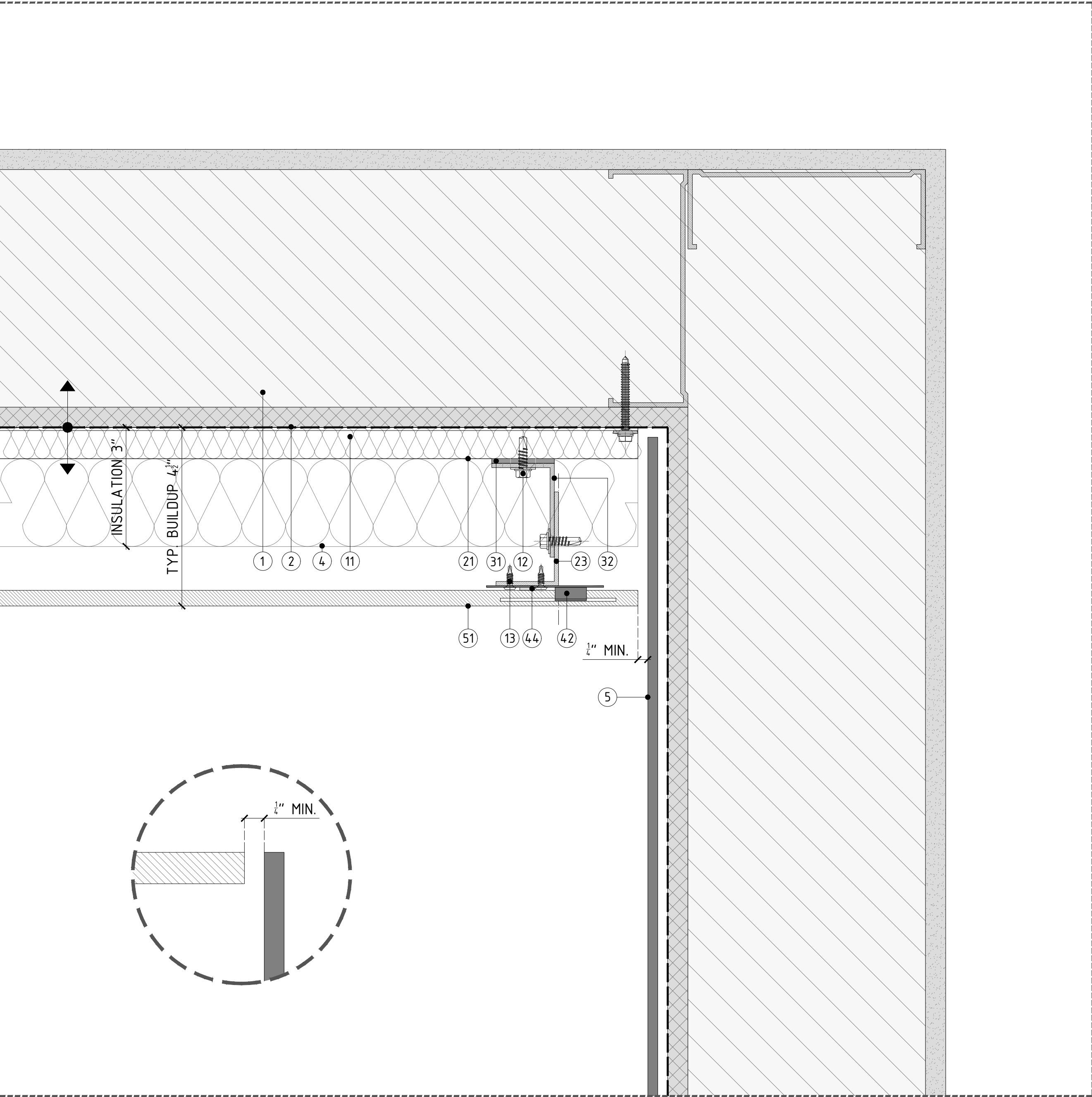
REVISION:

A



DETAIL A - TYP. INSIDE CORNER DETAIL

- SUPPLIED BY OTHERS
- ① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.
 - ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
 - ③ WINDOW SYSTEM.
 - ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
 - ⑤ ALUMINUM FLASHING.
- SUPPLIED BY PORCELANOSA GRUPO
- ANCHORS & SCREWS
- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22"X 2"SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
 - ⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22"X0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
 - ⑧ FIXING CLIP SCREW; ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.
- PROFILES
- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (5/8"X5 1/2"); 3M(118 1/8") LONG
 - ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE. 100X60X2.7MM (3 15/16"X2 3/8"X1 1/8"); 3M (118 1/8") LONG
 - ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE. 40X60X2.7MM (1 1/2"X2 3/8"X1 1/8"); 3M (118 1/8") LONG
- BRACKETS
- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
 - ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
 - ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- FIXING CLIPS & ADHESIVE
- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
 - ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
 - ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
 - ⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.
- CERAMIC
- ⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL B - TYP. TERMINATION DETAIL AGAINST OTHER MATERIAL

PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE
PORCELANOSA

PORCELANOSAFACADES.COM

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:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
TYPICAL INSIDE CORNER

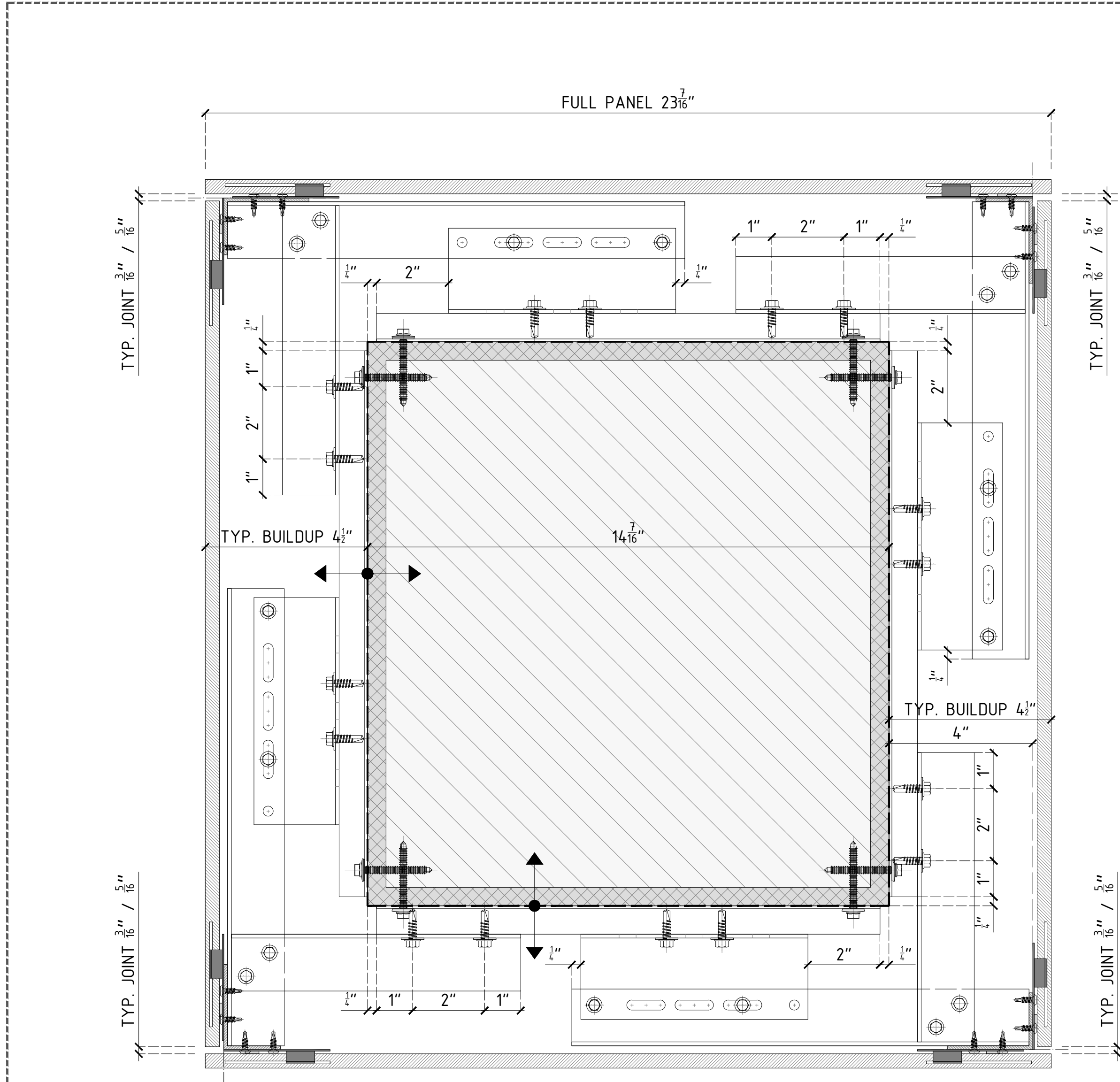
SCALE:
HALF SIZE @ARCH D 3"=1'-0" @ARCH C

SHEET NO:

REVISION:

133

A



DETAIL A - TYP. PLAN DETAIL @ COLUMN

↑ CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

SUPPLIED BY OTHERS

- ① STUD WALL: 6"-16GA, 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.
- ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
- ③ WINDOW SYSTEM.
- ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
- ⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22" X 2" SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22" X 0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- ⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/4" X 5 1/2"); 3M (118 1/8") LONG
- ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE 100X60X2.7MM (3 15/16" X 2 3/8" X 1/8"); 3M (118 1/8") LONG
- ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE 40X60X2.7MM (1 1/2" X 2 3/8" X 1/8"); 3M (118 1/8") LONG

BRACKETS

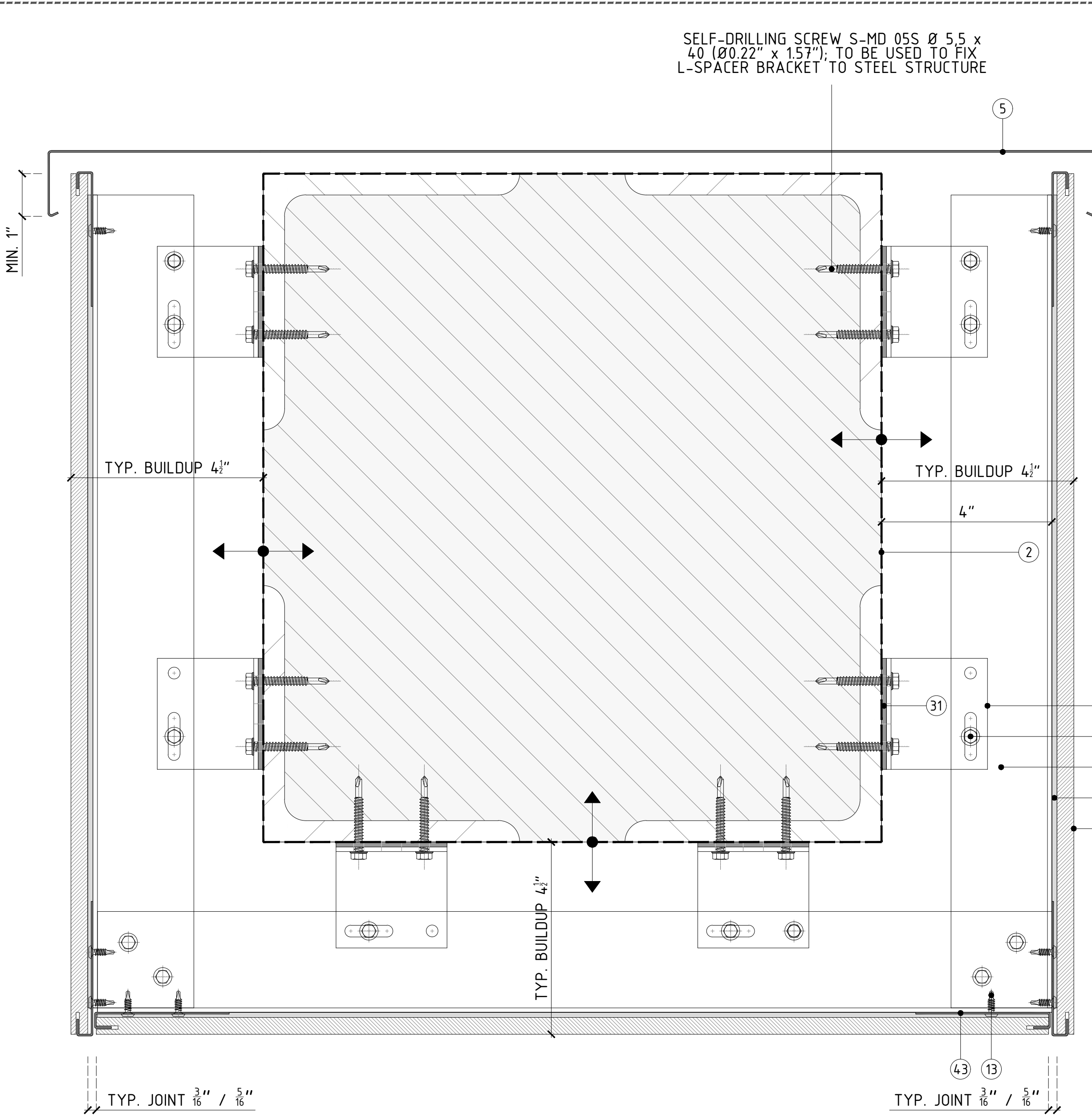
- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
- ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
- ⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

- ⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL B - TYP. WALL SECTION DETAIL @ TRELLIS

PROJECT NAME:

DETAILS BOOK

COMPANY:

FACADE
PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
CLADDING OF COLUMN AND TRELLIS

SCALE:

HALF SIZE @ARCH D 3"±1'-0" @ARCH C

SHEET NO:

REVISION:

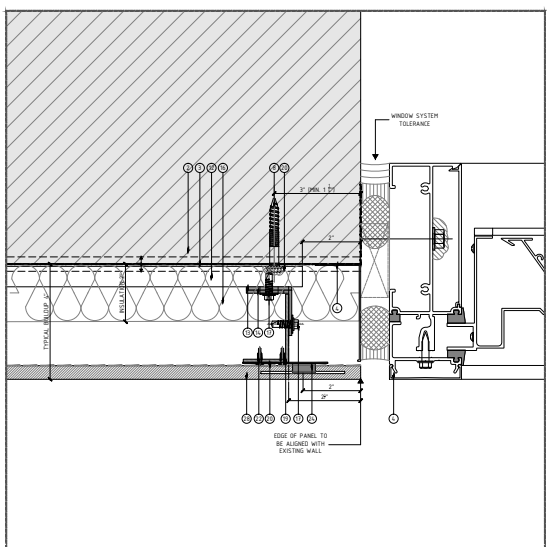
134

A

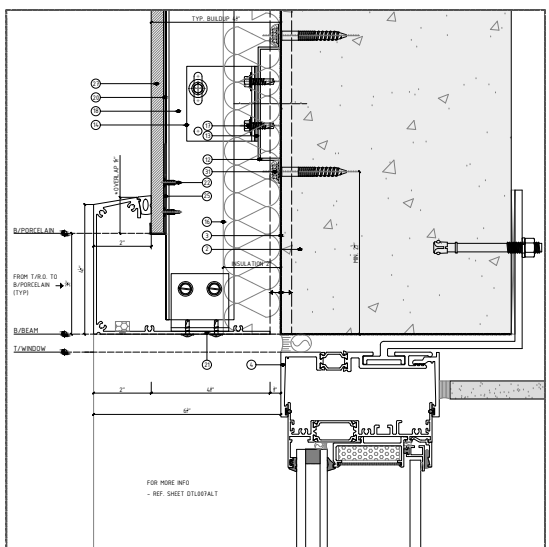
COURTYARD BY MARRIOTT

Manhattan, NY

Flush Window Example 1



JAMB DETAIL

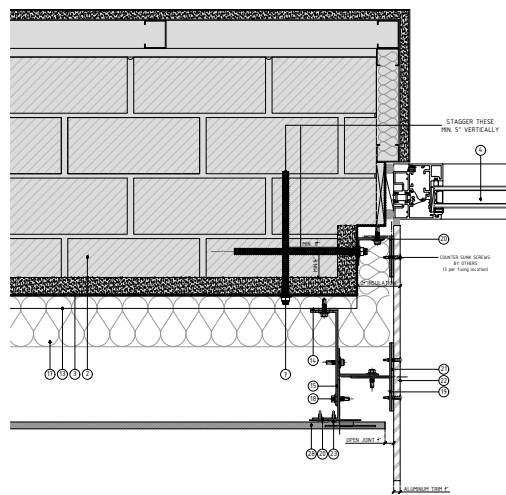


HEAD DETAIL

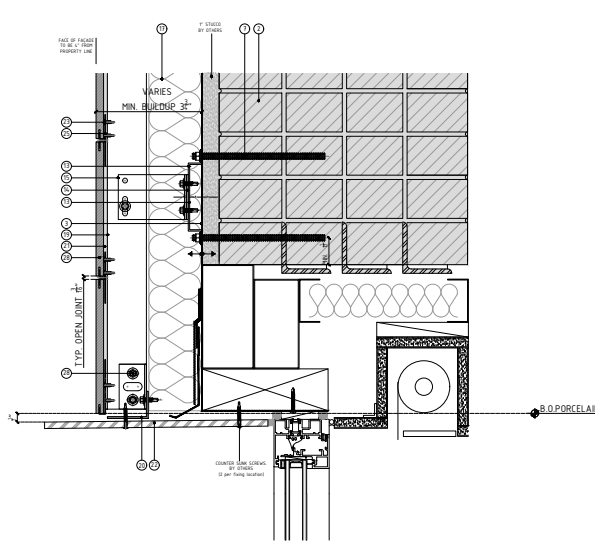
221W 17TH STREET

Manhattan, NY

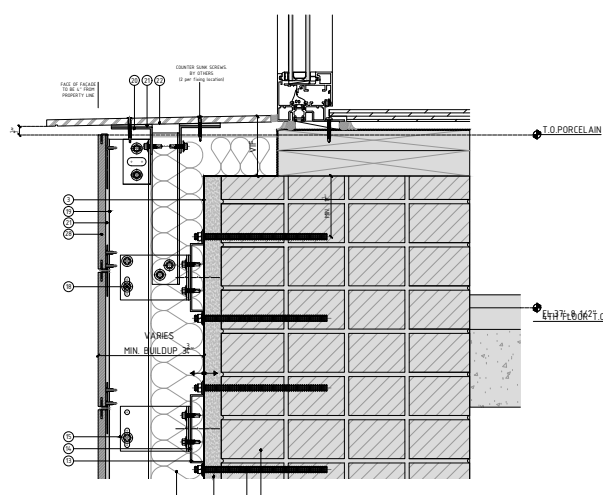
Flatstock Returns Example 1



JAMB DETAIL



HEAD DETAIL

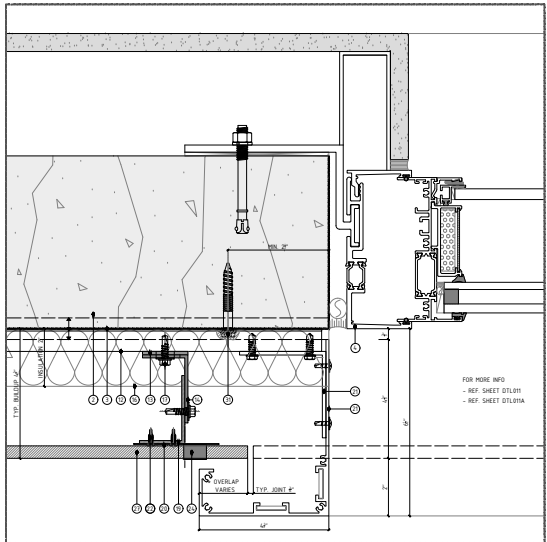


SILL DETAIL

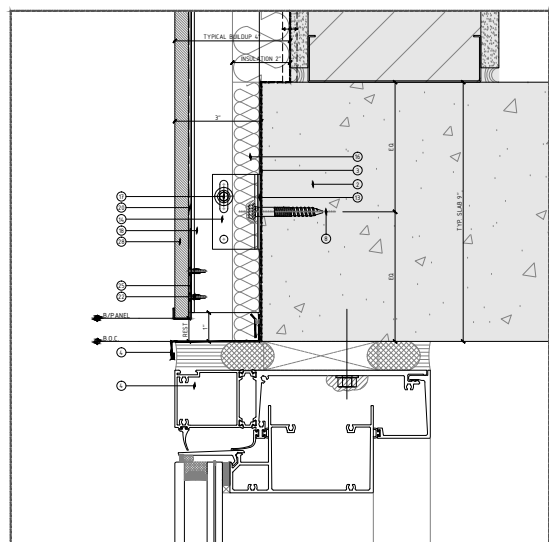
ALTA LIC

Queens, NY

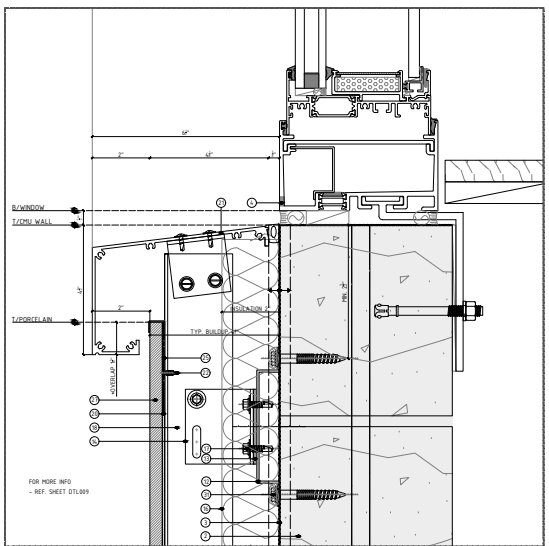
Metal Return Example 1



JAMB DETAIL



HEAD DETAIL

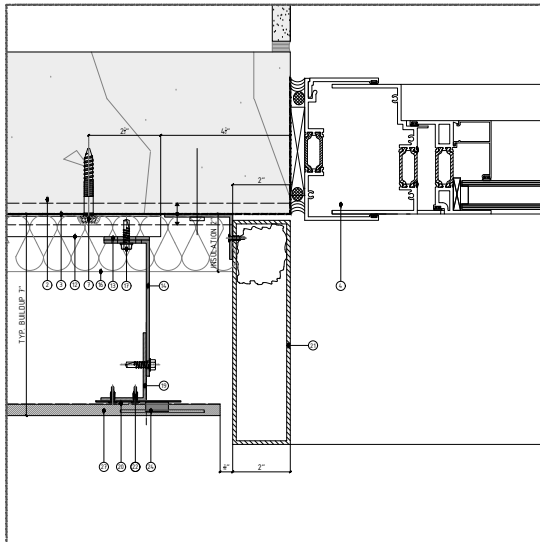


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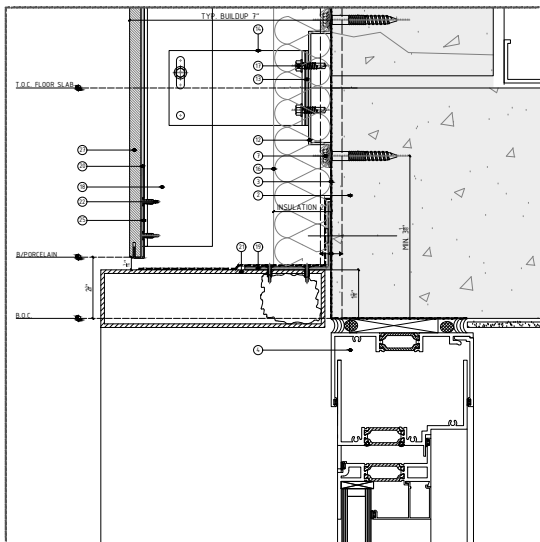
THE NEVINS

Brooklyn, NY

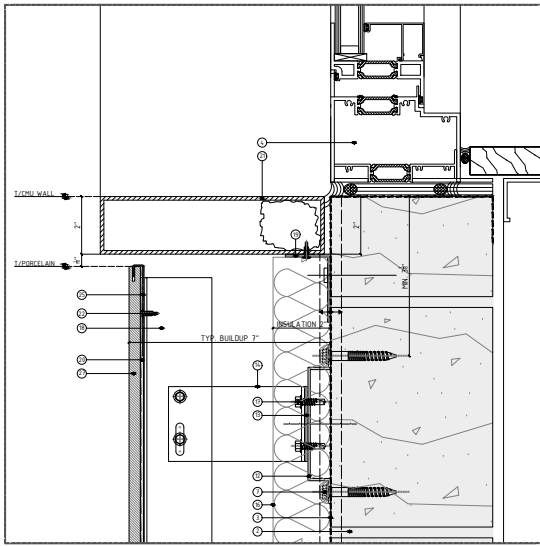
Metal Return Example 2



JAMB DETAIL



HEAD DETAIL



SILL DETAIL

PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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REVISIONS:

NO.	DESCRIPTION
A	10/31/19

SHEET TITLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
WINDOW RETURN REPORT

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

SHEET NO:

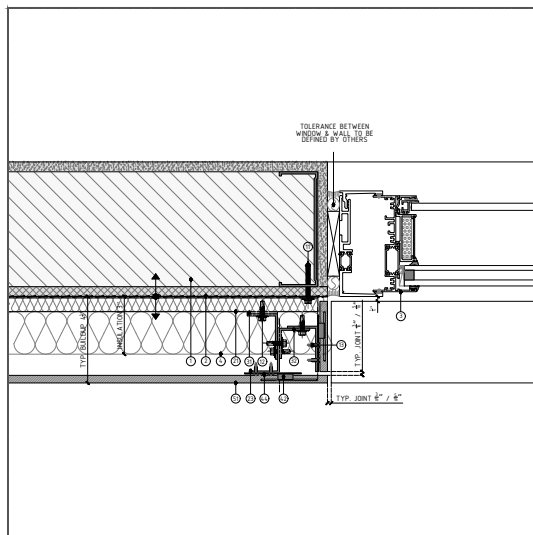
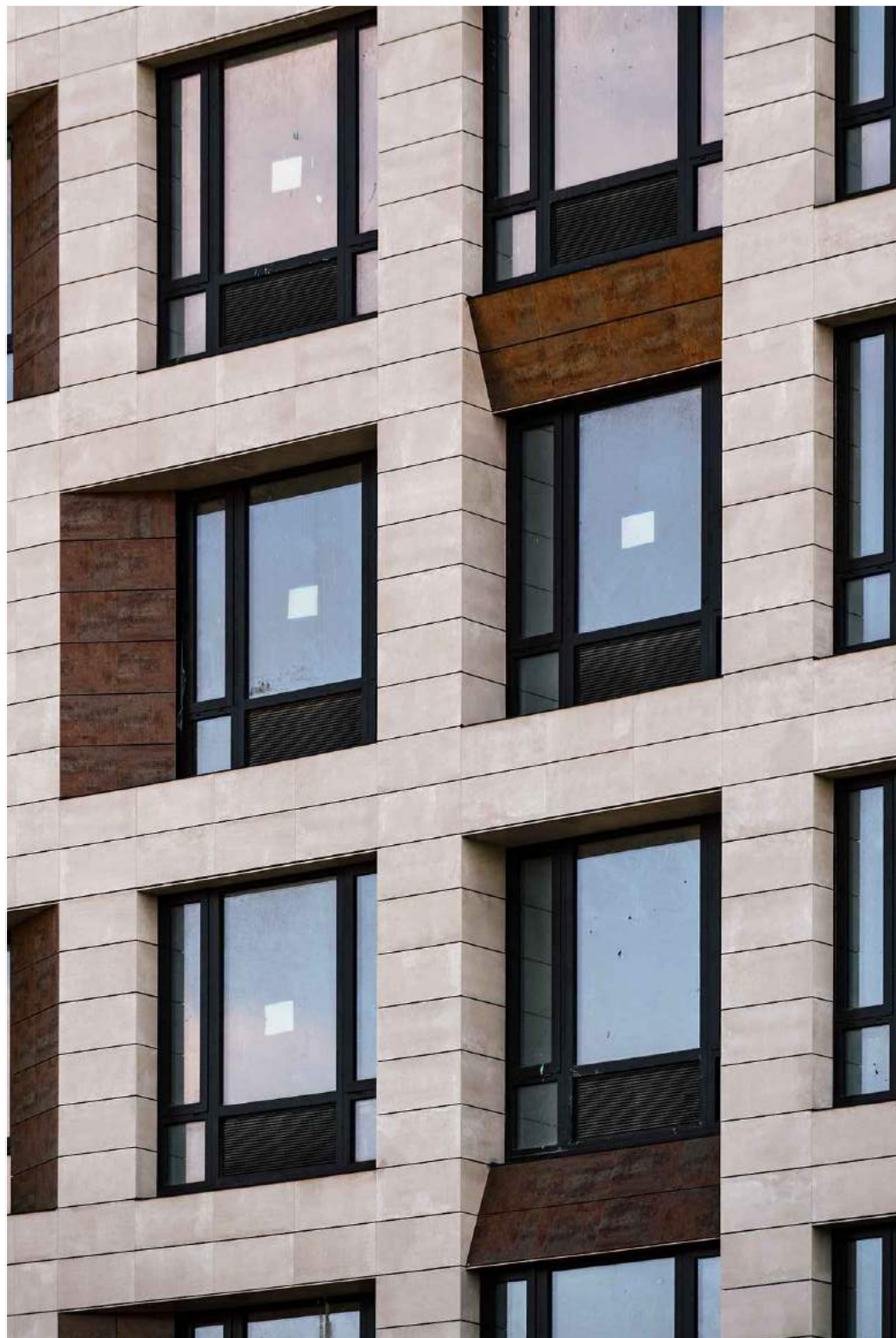
140.1

REVISION:

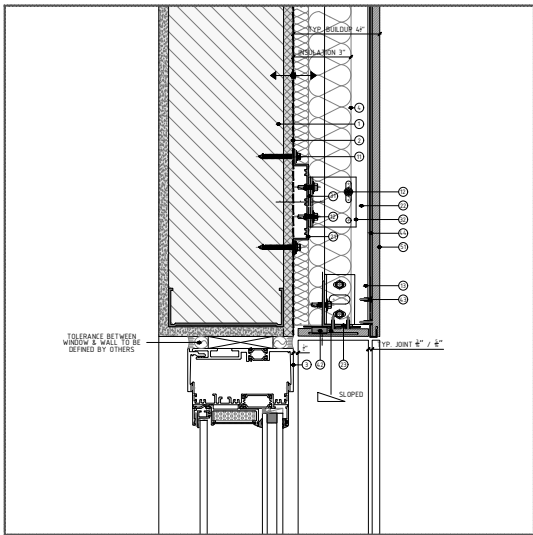
A

THE ALEXEY Brooklyn, NY

Porcelain Return Example 1



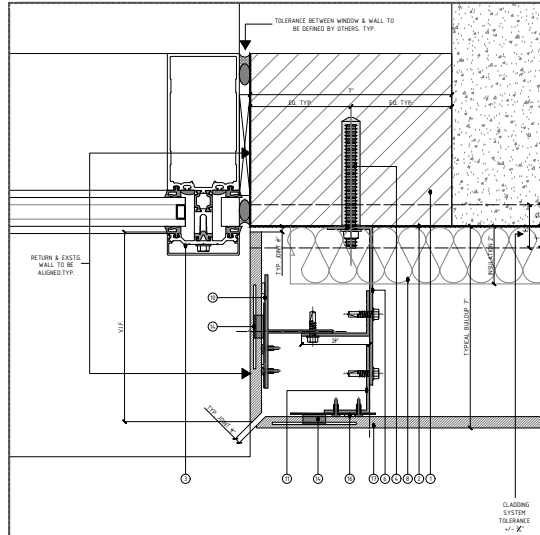
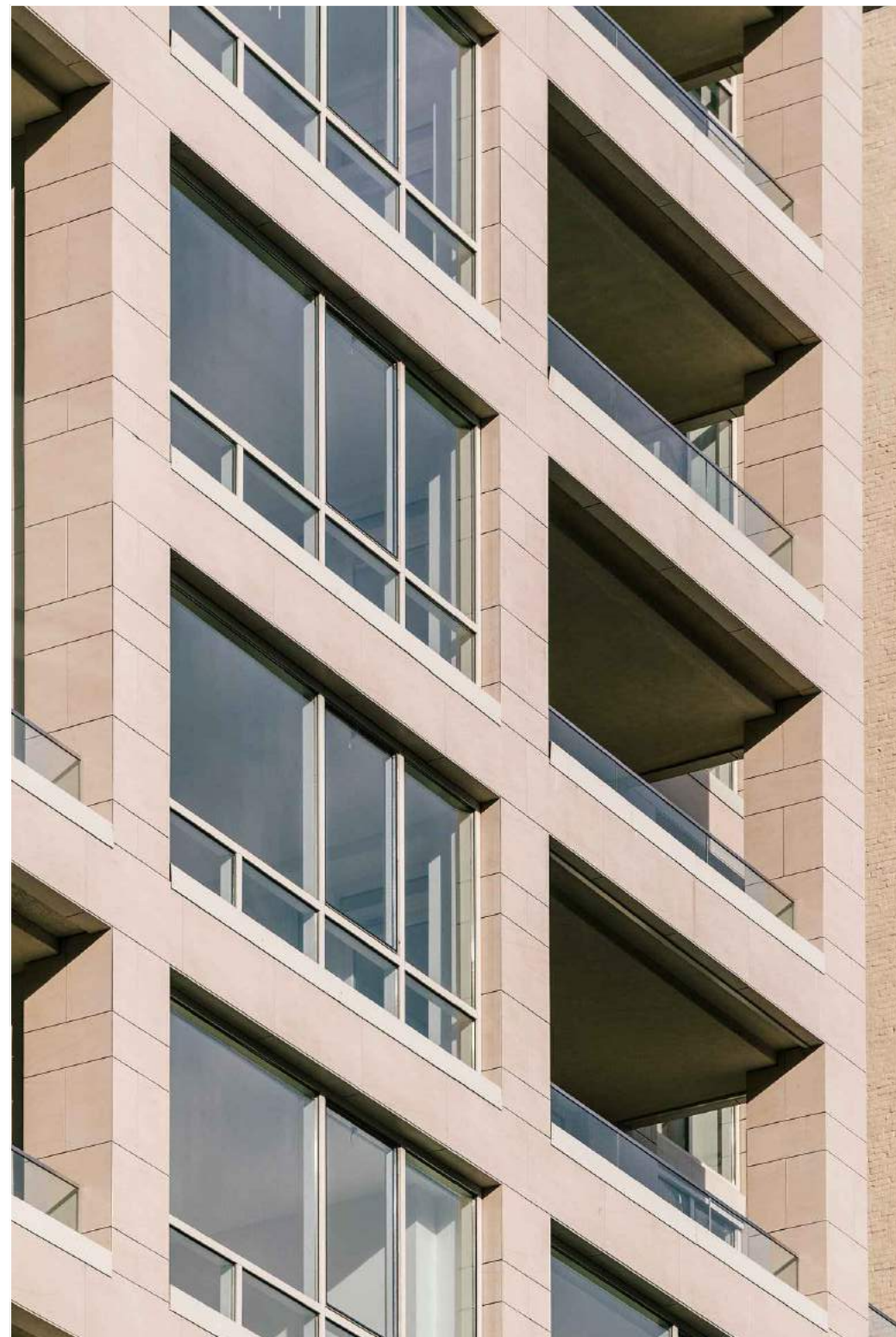
JAMB DETAIL



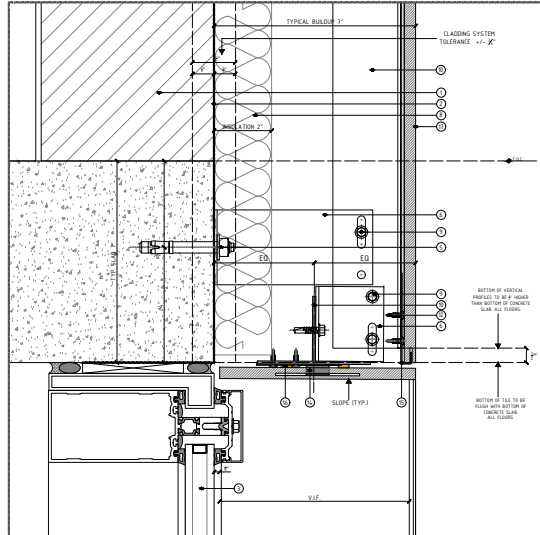
HEAD DETAIL

THE CLARE Manhattan, NY

Porcelain Return Example 2



JAMB DETAIL



HEAD DETAIL

PROJECT NAME:

DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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REVISIONS:

NO.	DESCRIPTION
A	10/31/19

SHEET TITTLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
WINDOW RETURN REPORT

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

SHEET NO:

140.2

REVISION:

A

1
JAMB

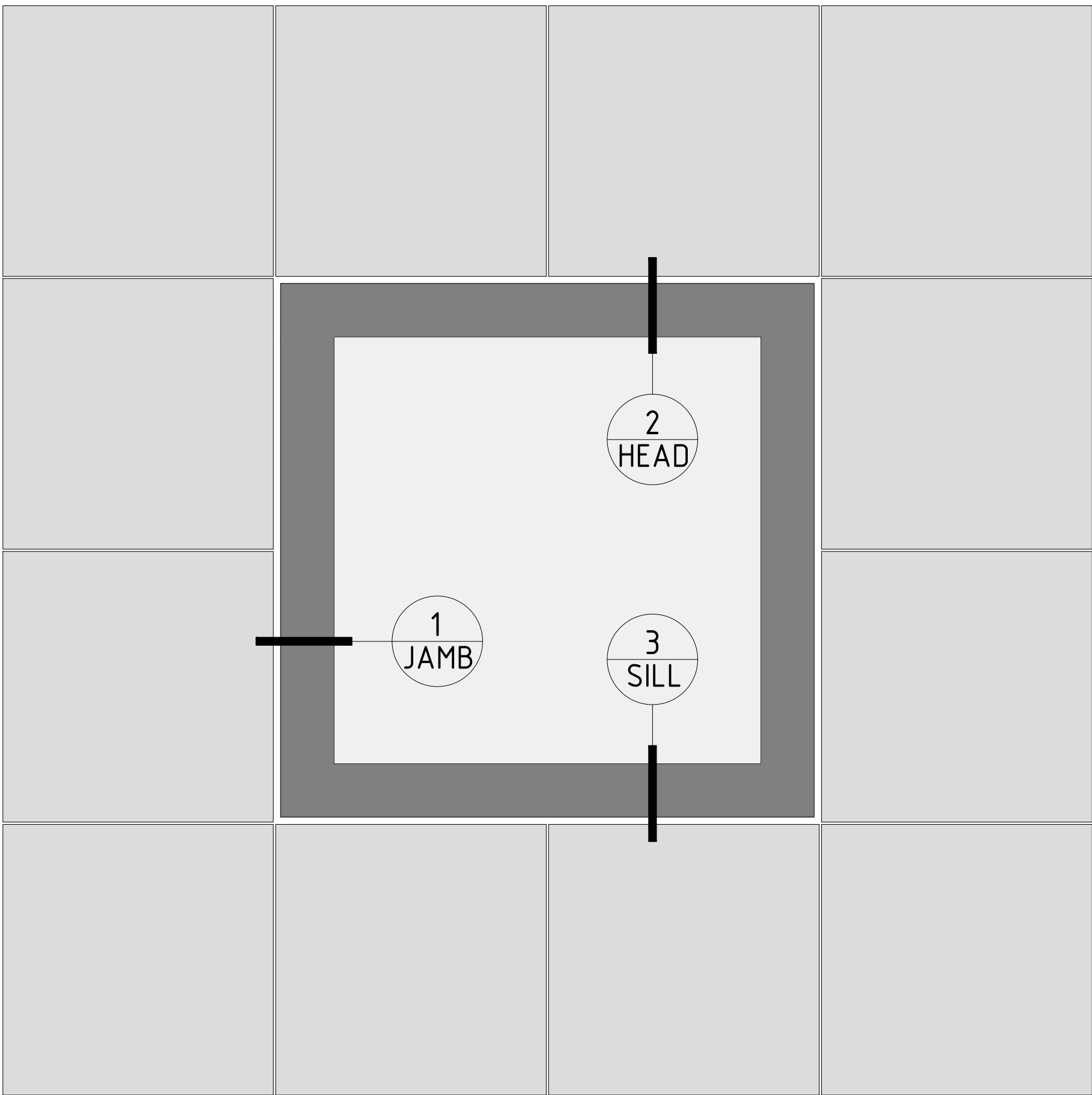
DRAWING 141/A: METAL JAMB
DRAWING 143/A: JAMB W/PANEL RETURN
DRAWING 145/A: FLUSHED

2
HEAD

DRAWING 142/A: METAL HEAD
DRAWING 144/A: HEAD W/PANEL RETURN
DRAWING 146/A: FLUSHED

3
SILL

DRAWING 142/B: METAL SILL
DRAWING 144/B: SILL W/PANEL RETURN
DRAWING 146/B: FLUSHED



SUPPLIED BY OTHERS

③ STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.

③ DAMP-PROOF COARSE (DPC) + WATERPROOFING.

③ WINDOW SYSTEM.

③ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).

③ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

③ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22"X 2"SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.

③ LT SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22"X0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.

③ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

③ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (¾"X5½"); 3M(111½") LONG

③ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE. 100X60X2.7MM (3⅞"X2⅜"X¼"); 3M (111½") LONG

③ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE. 40X60X2.7MM (1½"X2⅜"X¼"); 3M (111½") LONG

BRACKETS

③ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.

③ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

③ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

③ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (⅜") / 8MM (⅝") JOINT.

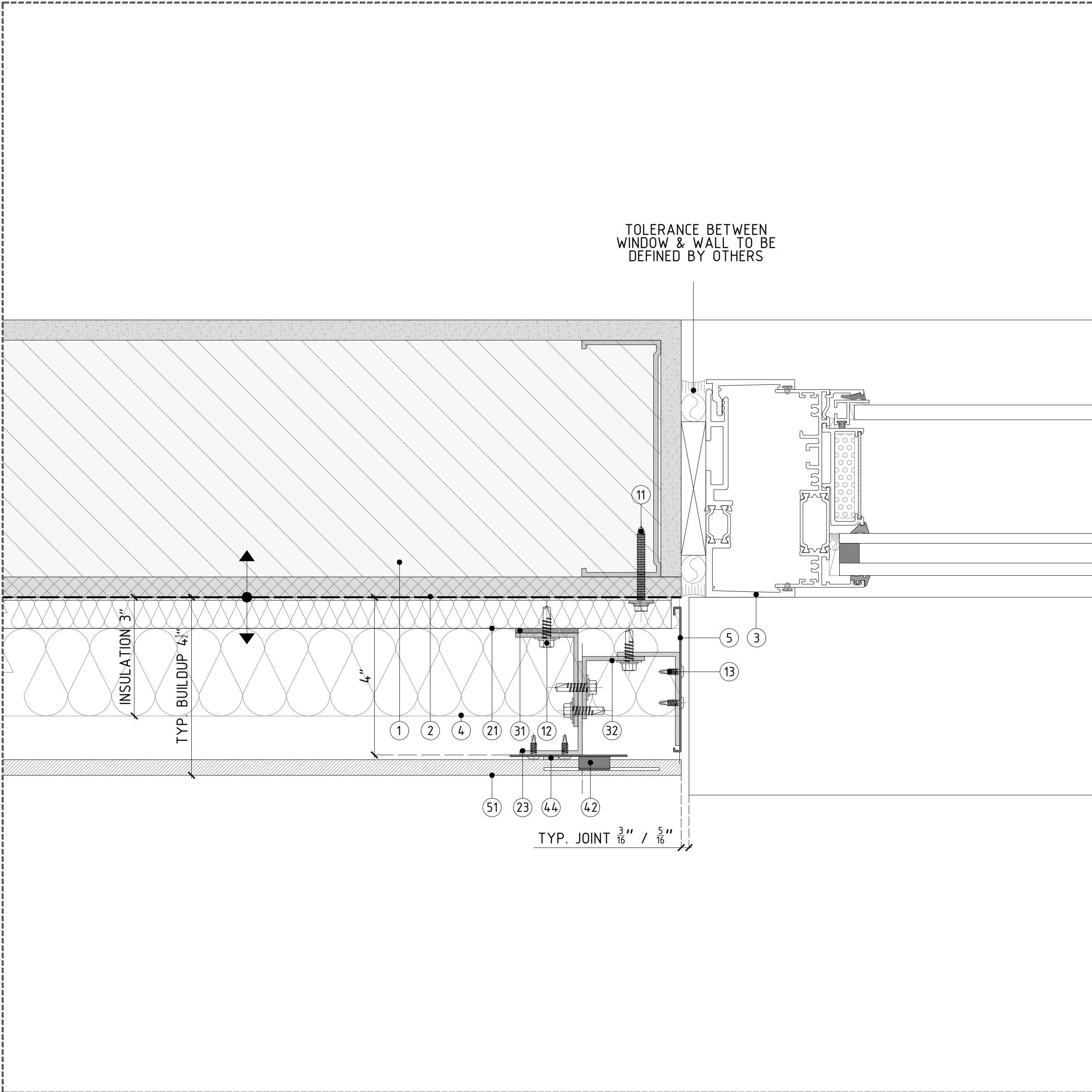
③ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (⅜") / 8MM (⅝") JOINT.

③ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.

③ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

③ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL A - TYP. METAL JAMB DETAIL

CLADDING SYSTEM TOLERANCE +/- 3/4"(19.05MM)

PROJECT NAME:

DETAILS BOOK

COMPANY:

FACADE
PORCELANOSA

PORCELANOSAFACADES.COM

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:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:

VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
WINDOW RETURN WITH METAL PANEL:
THE JAMB

SCALE:

HALF SIZE @ARCH D 3"±1'-0" @ARCH C

SHEET NO:

141

REVISION:

A

PROJECT NAME:

DETAILS BOOK

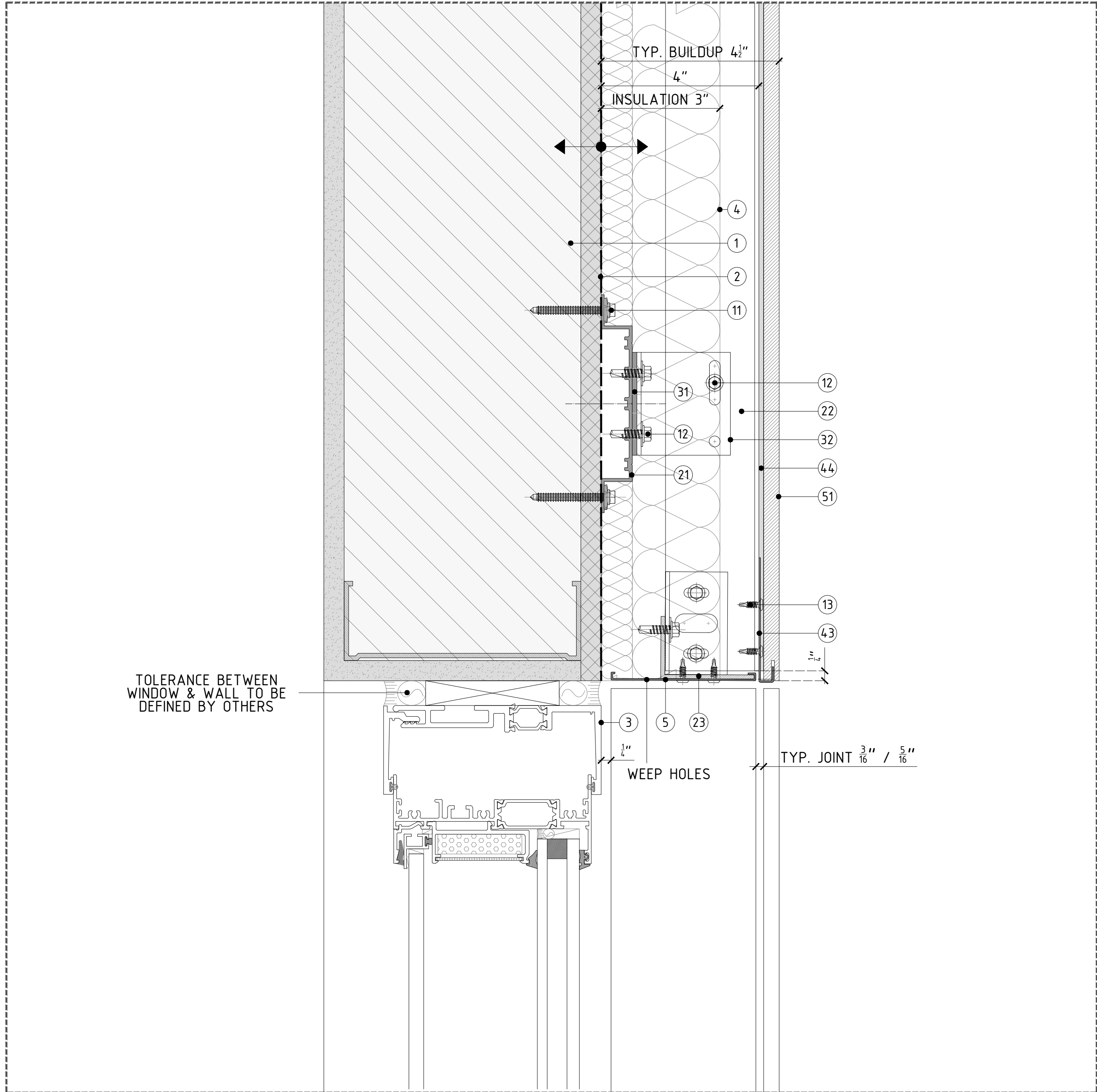
COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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DETAIL A - TYP. METAL HEAD DETAIL

↑ CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

SUPPLIED BY OTHERS

① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENGGLASS SHEATHING.

② DAMP-PROOF COARSE (DPC) + WATERPROOFING.

③ WINDOW SYSTEM.

④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).

⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22" X 2" S5304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.

⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K S5304 Ø0.22" X 0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.

⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/4" X 5 1/2"); 3M (118") LONG

⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE. 100X60X2.7MM (3 15/16" X 2 3/8" X 1/8"); 3M (118") LONG

⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE. 40X60X2.7MM (1 1/2" X 2 3/8" X 1/8"); 3M (118") LONG

BRACKETS

⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.

⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.

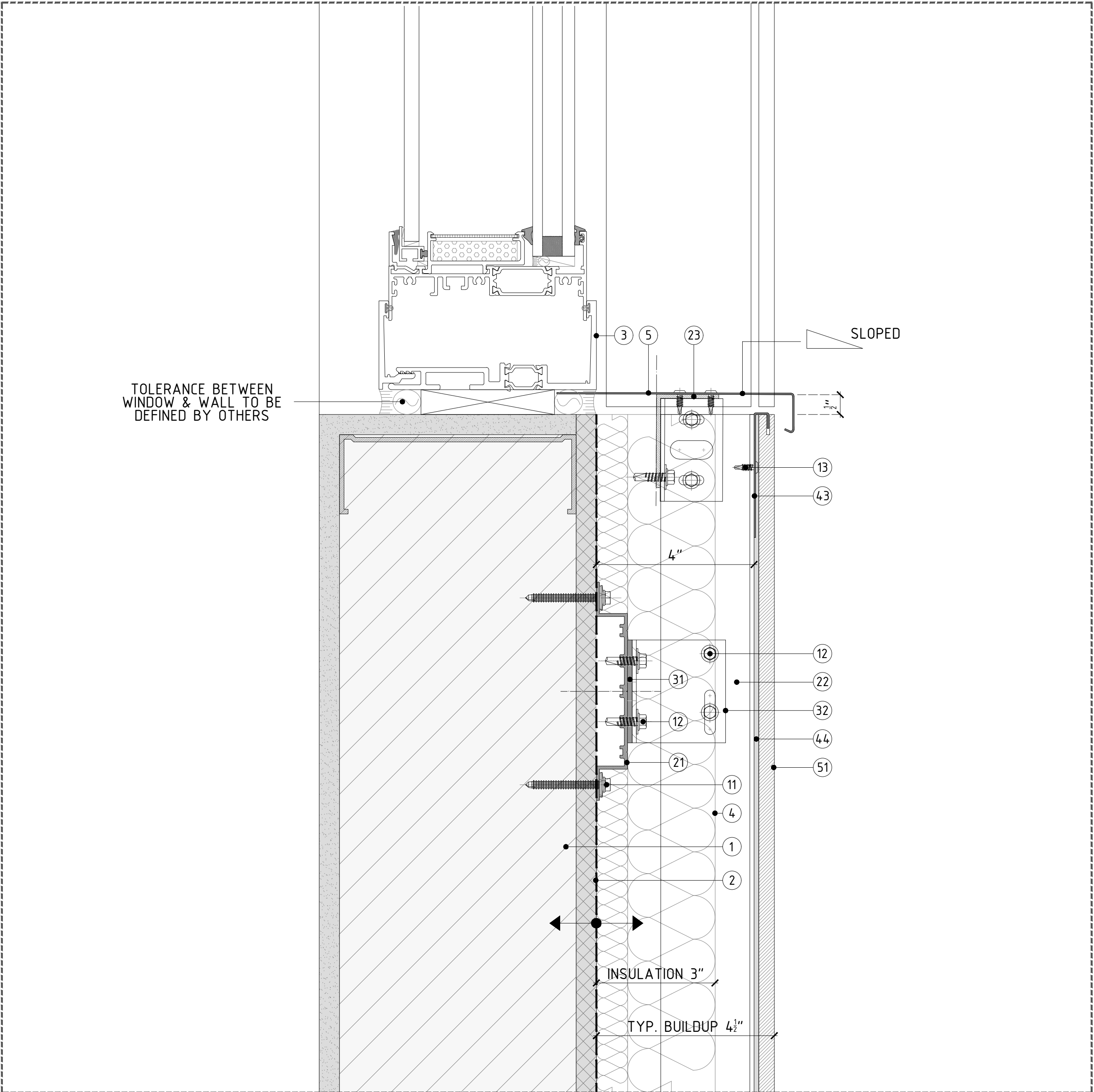
⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.

⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.

⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL B - TYP. METAL SILL DETAIL

REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:

VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
WINDOW RETURN WITH METAL PANEL:
SILL & HEAD DETAIL

SCALE:

HALF SIZE @ARCH D 3"±1'-0" @ARCH C

SHEET NO:

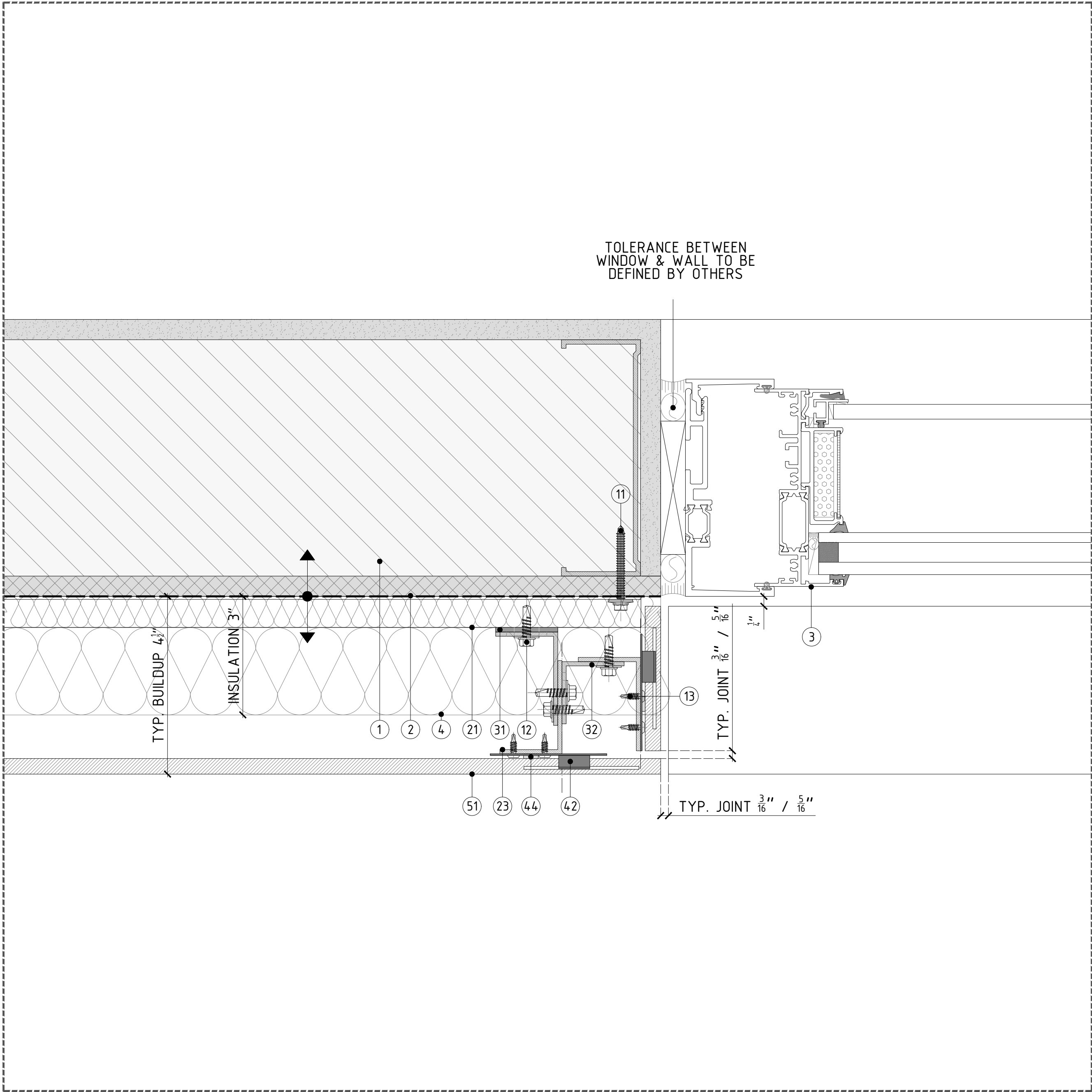
REVISION:

142

A

IMPORTANT NOTES:

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DETAIL A - TYP. JAMB DETAIL W/PANEL RETURN

CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

SUPPLIED BY OTHERS

- ① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.
- ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
- ③ WINDOW SYSTEM.
- ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
- ⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22"X 2"SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22"X0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- ⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/4"X5 1/2"); 3M(118 1/8") LONG
- ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE 100X60X2.7MM (3 15/16"X2 3/8"X1 1/8"); 3M (118 1/8") LONG
- ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE 40X60X2.7MM (1 1/2"X2 3/8"X1 1/8"); 3M (118 1/8") LONG

BRACKETS

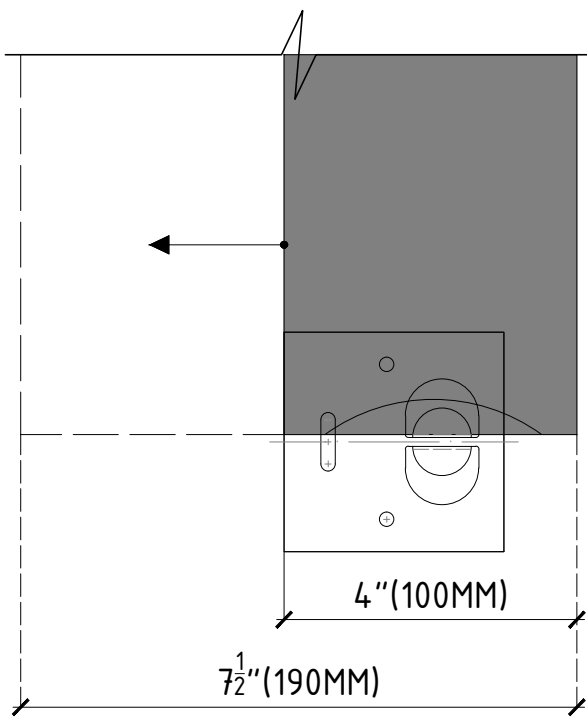
- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
- ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

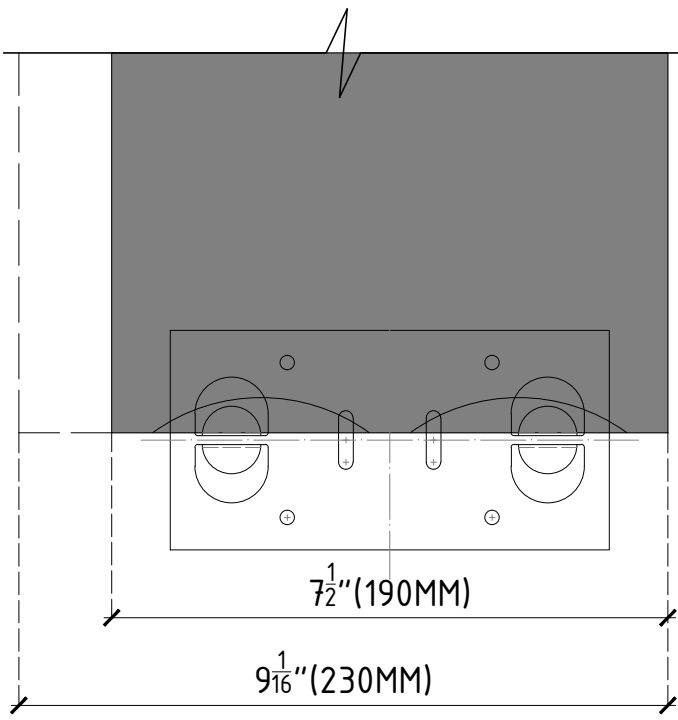
- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
- ⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

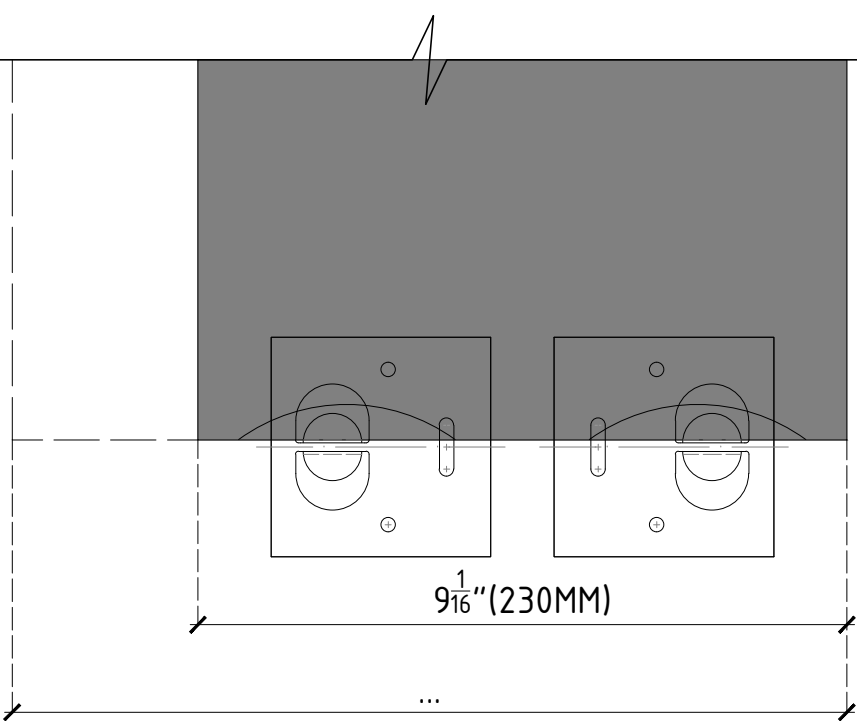
- ⑲ PORCELAIN PANEL PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



- *MINIMUM RETURN WITH TILE= 4"(100MM)
- *FROM 4"(100MM) TO 7 1/2"(190MM)=
 - ONE KERF SAW CUT
 - FIXED WITH LATERAL FIXING PLATE



- *FROM 7 1/2"(190MM) TO 9 1/8"(230MM)=
 - TWO KERF SAW CUT
 - FIXED WITH CENTRAL FIXING PLATE



- *FOR RETURN BIGGER RHAN 9 1/8"(230MM)=
 - TWO KERF SAW CUT
 - FIXED WITH LATERAL FIXING PLATES

REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
WINDOW RETURN WITH PORCELAIN PANEL:
THE JAMB

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

SHEET NO:

REVISION:

143

A

PROJECT NAME:

DETAILS BOOK

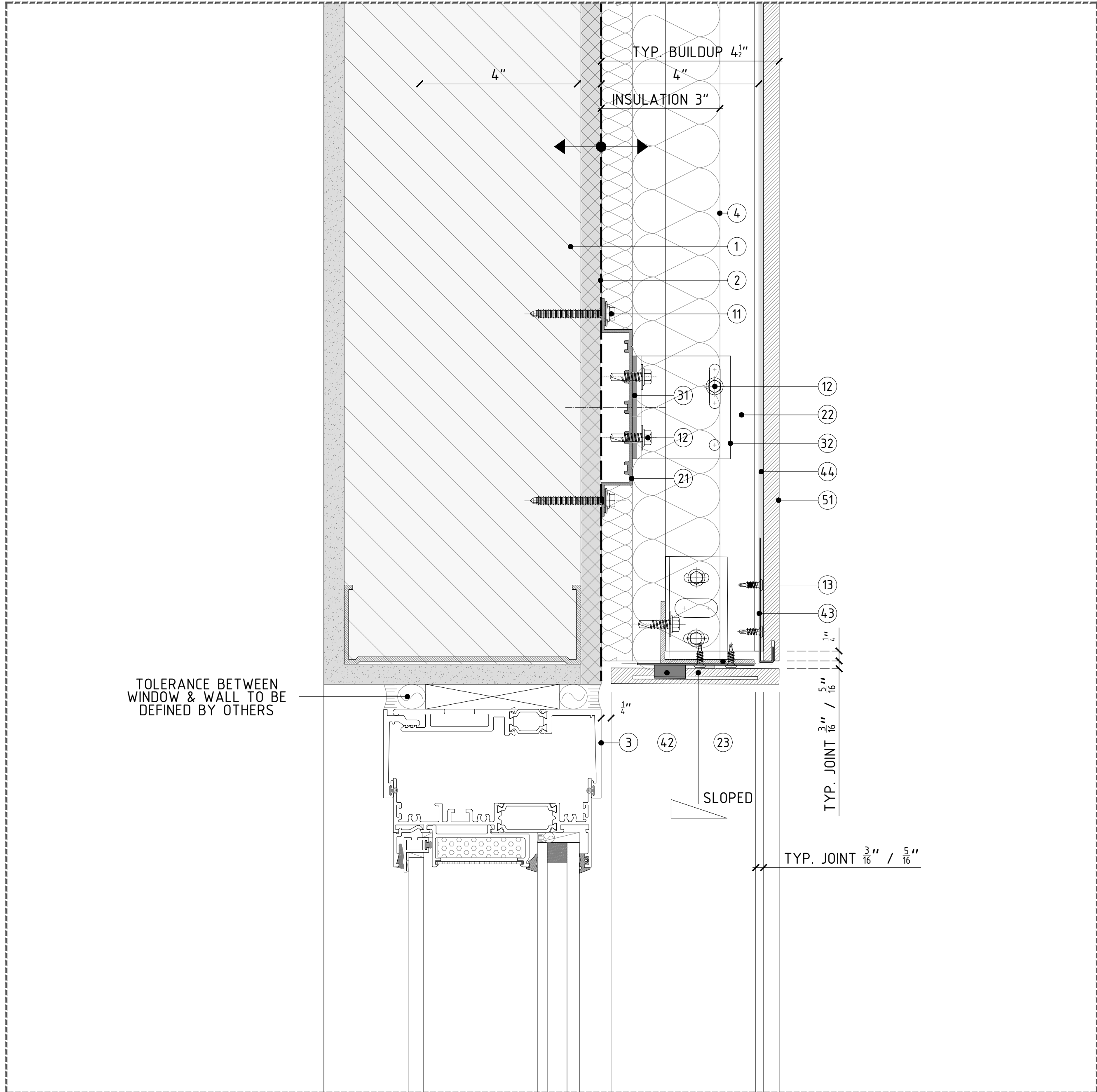
COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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DETAIL A - TYP. HEAD DETAIL W/PANEL RETURN

CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

SUPPLIED BY OTHERS

① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.

② DAMP-PROOF COARSE (DPC) + WATERPROOFING.

③ WINDOW SYSTEM.

④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).

⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22" X 2" S5304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.

⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K S5304 Ø0.22" X 0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.

⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/8" X 5 1/2"); 3M (118") LONG

⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE 100X60X2.7MM (3 15/16" X 2 3/8" X 1/8"); 3M (118") LONG

⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE 40X60X2.7MM (1 1/2" X 2 3/8" X 1/8"); 3M (118") LONG

BRACKETS

⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.

⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.

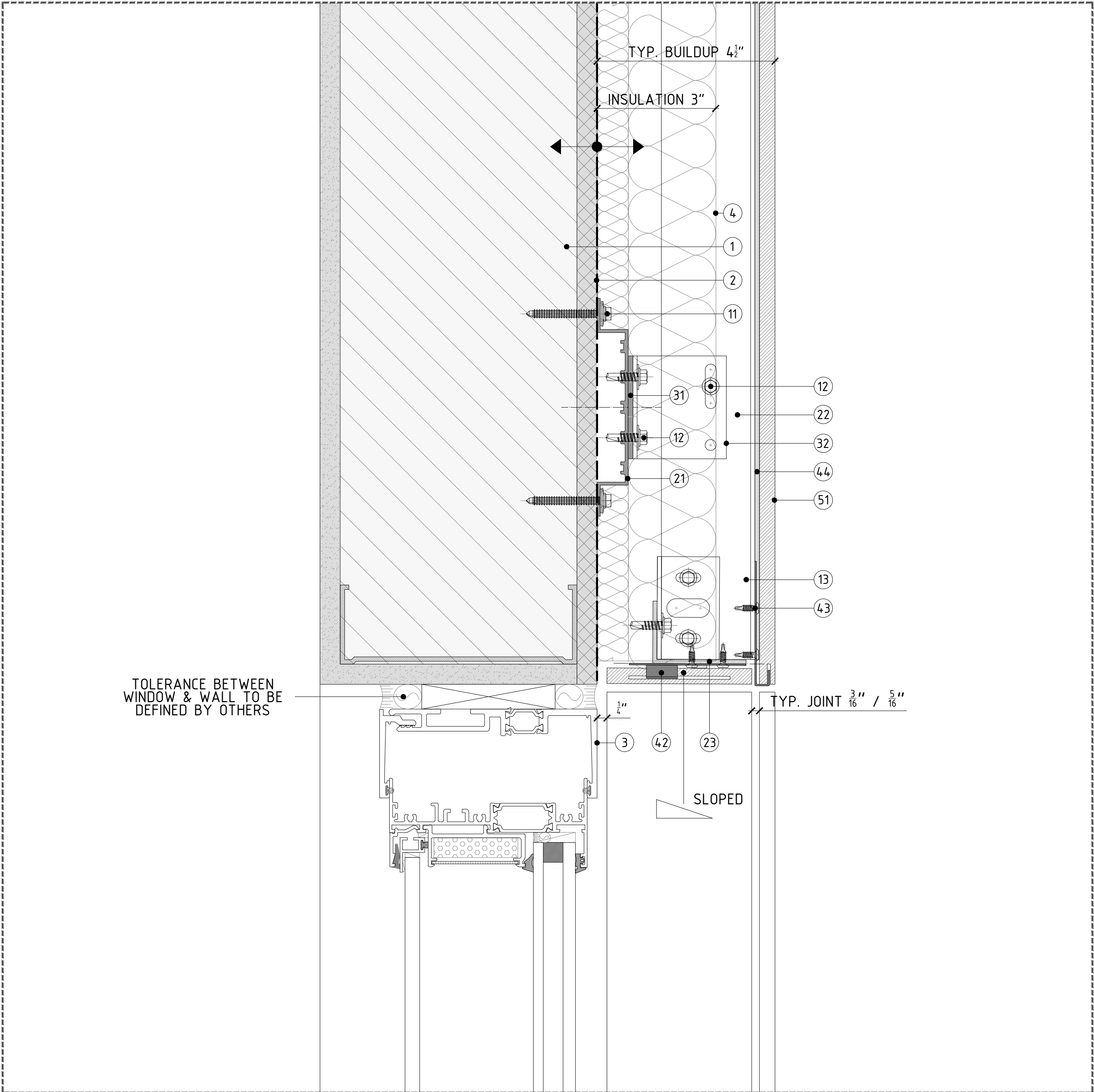
⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.

⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.

⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL B - TYP. HEAD DETAIL W/PANEL RETURN

CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

REVISIONS:

NO.	DESCRIPTION
A	12/18/18
B	10/31/19

SHEET TITLE:

VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
WINDOW RETURN WITH PORCELAIN PANEL:
SILL & HEAD DETAIL

SCALE:

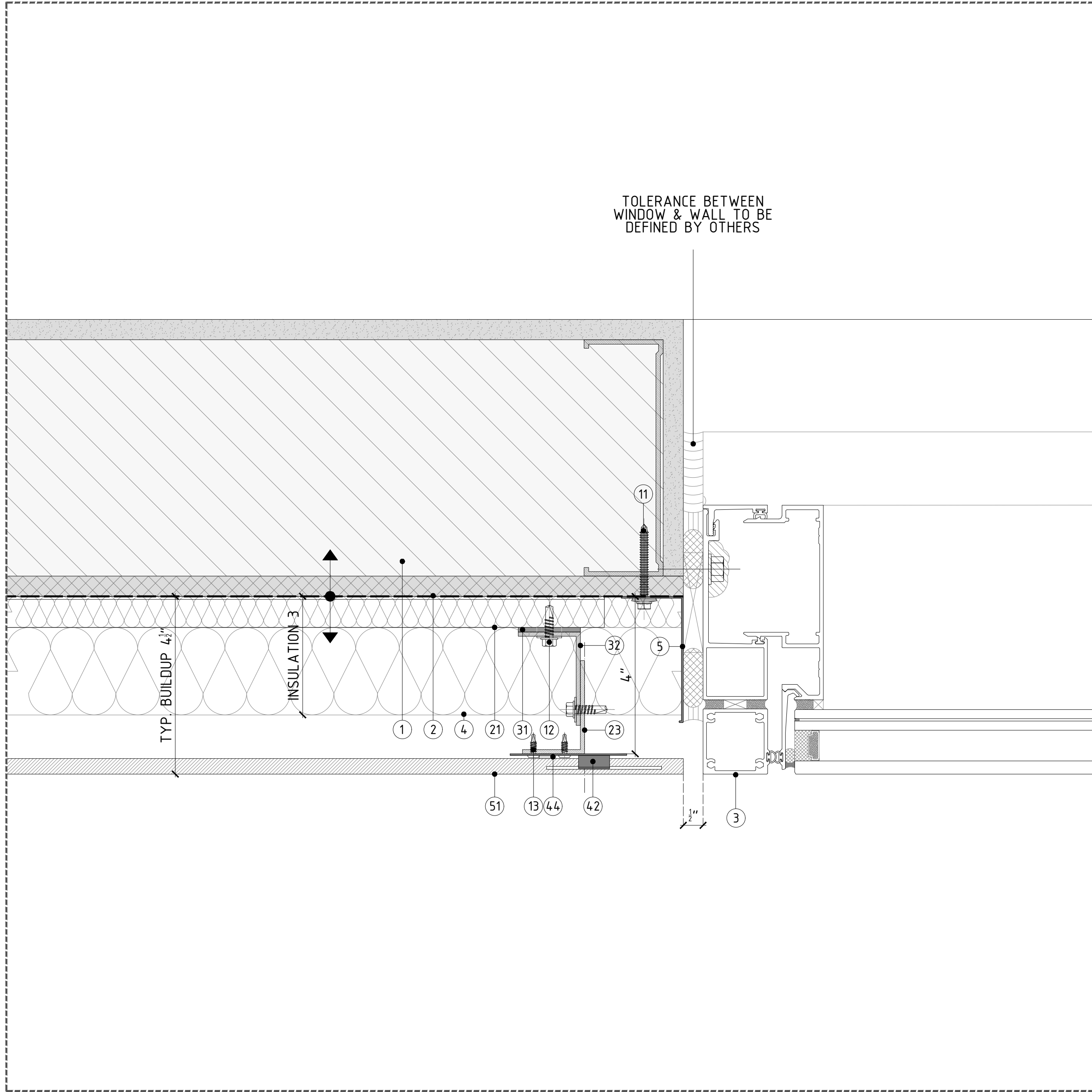
HALF SIZE @ARCH D 3"±1'-0" @ARCH C

SHEET NO:

REVISION:

144

B



DETAIL A - TYP. JAMB DETAIL W/OUT RETURN

↑ CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

SUPPLIED BY OTHERS

- ① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENGGLASS SHEATHING.
- ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
- ③ WINDOW SYSTEM.
- ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
- ⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22"X 2"SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22"X0.87"+ Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- ⑧ FIXING CLIP SCREW; ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (5/8"X5 1/2"); 3M (118 1/8") LONG
- ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE. 100X60X2.7MM (3 15/16"X2 3/8"X1 1/8"); 3M (118 1/8") LONG
- ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE. 40X60X2.7MM (1 1/2"X2 3/8"X1 1/8"); 3M (118 1/8") LONG

BRACKETS

- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
- ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
- ⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

- ⑲ PORCELAIN PANEL PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.

PROJECT NAME:

DETAILS BOOK

COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:

VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
WINDOWS: FLUSH WITH CLADDING:
HORIZONTAL DETAIL

SCALE:

HALF SIZE @ARCH D 3"±1'-0" @ARCH C

SHEET NO:

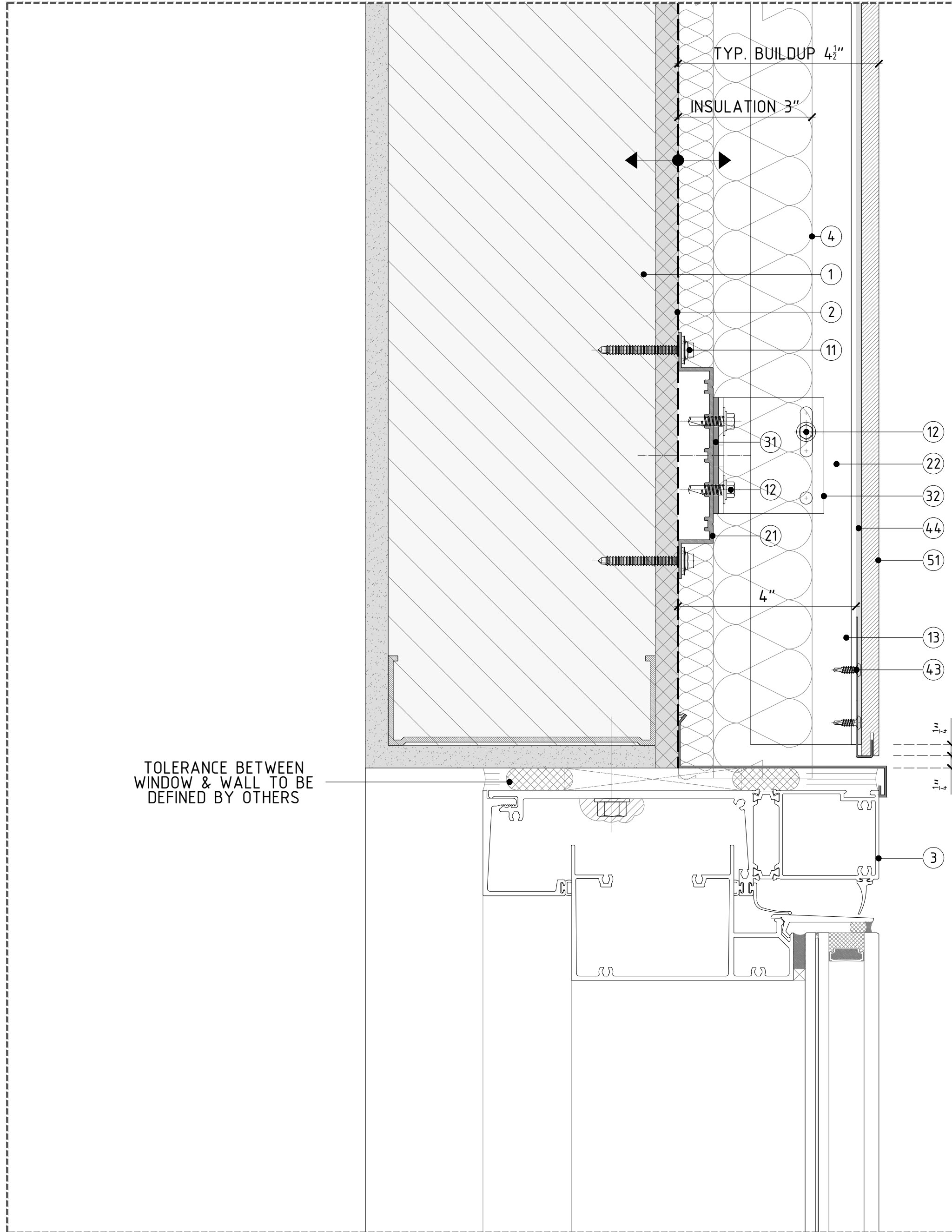
REVISION:

145

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DETAIL A - TYP. HEAD DETAIL W/OUT RETURN

CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

SUPPLIED BY OTHERS

- ① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.
- ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
- ③ WINDOW SYSTEM.
- ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
- ⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22"X 2"SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- ⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22"X0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- ⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/4"X5 1/2"); 3M (118 1/8") LONG
- ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE. 100X60X2.7MM (3 15/16"X2 3/8"X1/8"); 3M (118 1/8") LONG
- ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE. 40X60X2.7MM (1 1/2"X2 3/8"X1/8"); 3M (118 1/8") LONG

BRACKETS

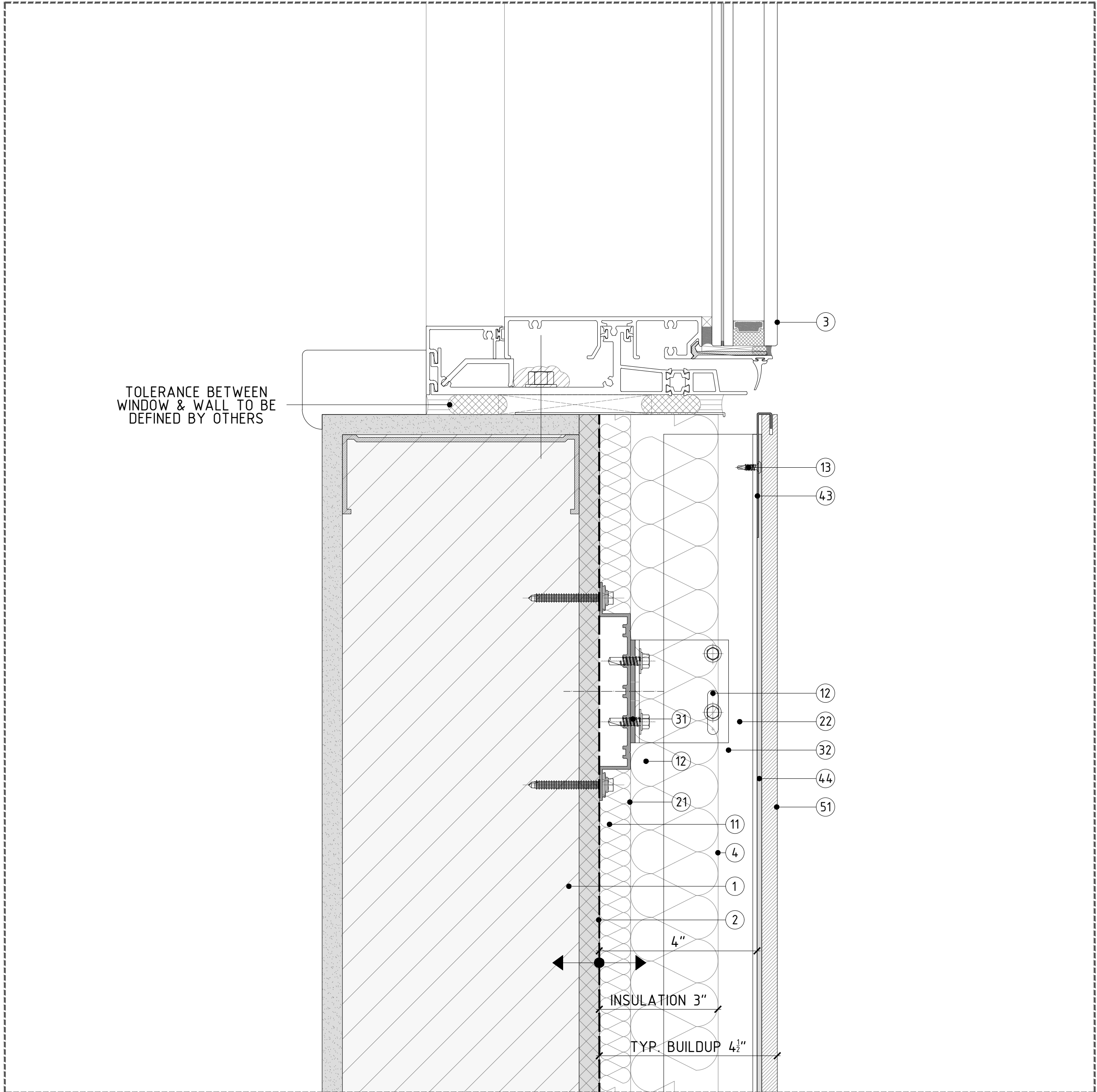
- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
- ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
- ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
- ⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

- ⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL B - TYP. SILL DETAIL W/OUT RETURN

REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
WINDOWS: FLUSH WITH CLADDING:
VERTICAL DETAIL

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

SHEET NO:

REVISION:

PROJECT NAME:

DETAILS BOOK

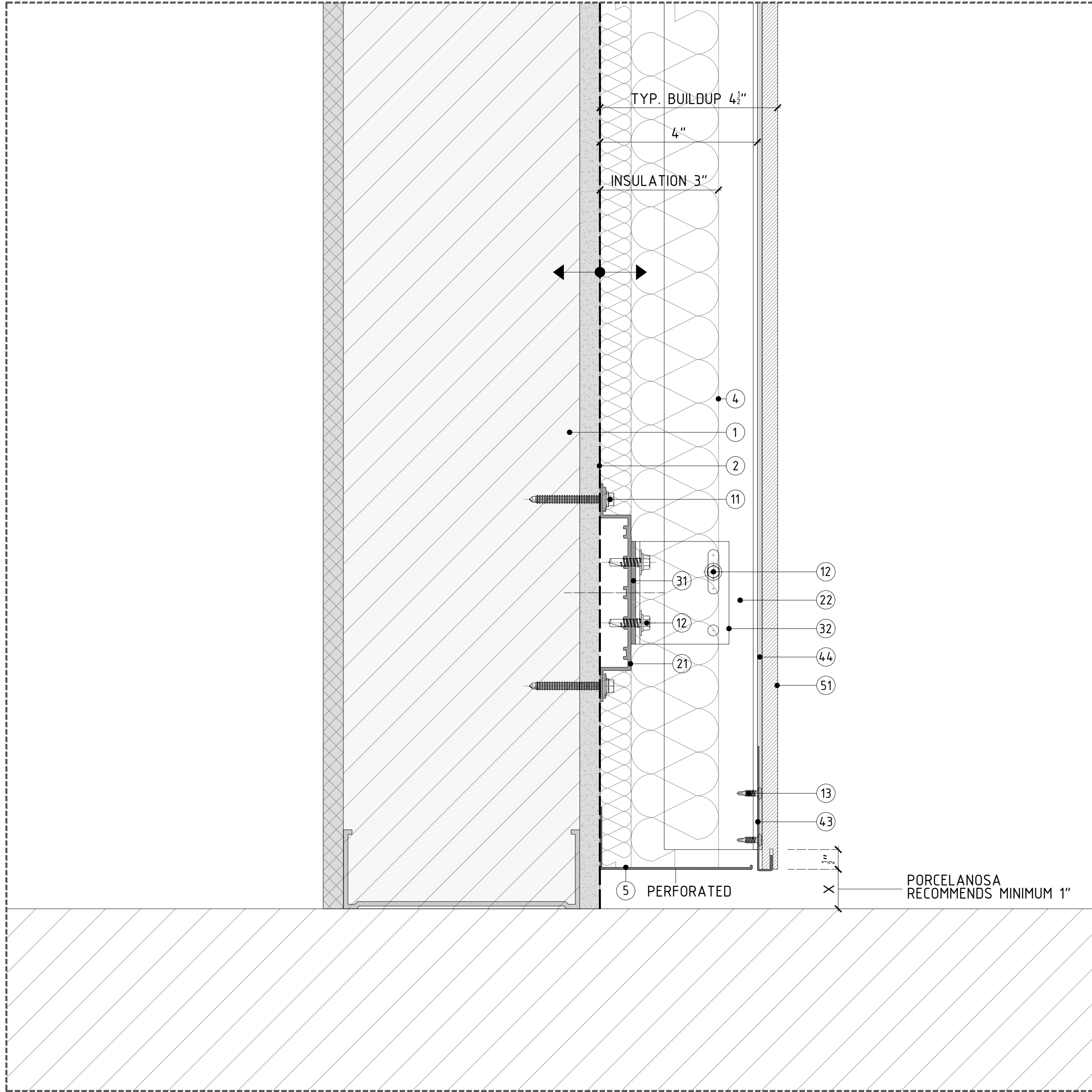
COMPANY:

FACADE/
PORCELANOSA

PORCELANOSAFACADES.COM

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DETAIL A - TERMINATION DETAIL @ GRADE (FLOATING)

CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

SUPPLIED BY OTHERS

① STUD WALL: 6"-16GA, 16" O/C STEEL STUDS + SINGLE DENGSLASS SHEATHING.

② DAMP-PROOF COARSE (DPC) + WATERPROOFING.

③ WINDOW SYSTEM.

④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).

⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22"X 2"SS304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.

⑦ LT SCREW: ETANCO SELF-DRILLING SCREW 7504K SS304 Ø0.22"X0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.

⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X140MM (3/8"X5 1/2"); 3M (118 1/8") LONG

⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE 100X60X2.7MM (3 15/16"X2 3/8"X1 1/8"); 3M (118 1/8") LONG

⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE 40X60X2.7MM (1 1/2"X2 3/8"X1 1/8"); 3M (118 1/8") LONG

BRACKETS

⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.

⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.

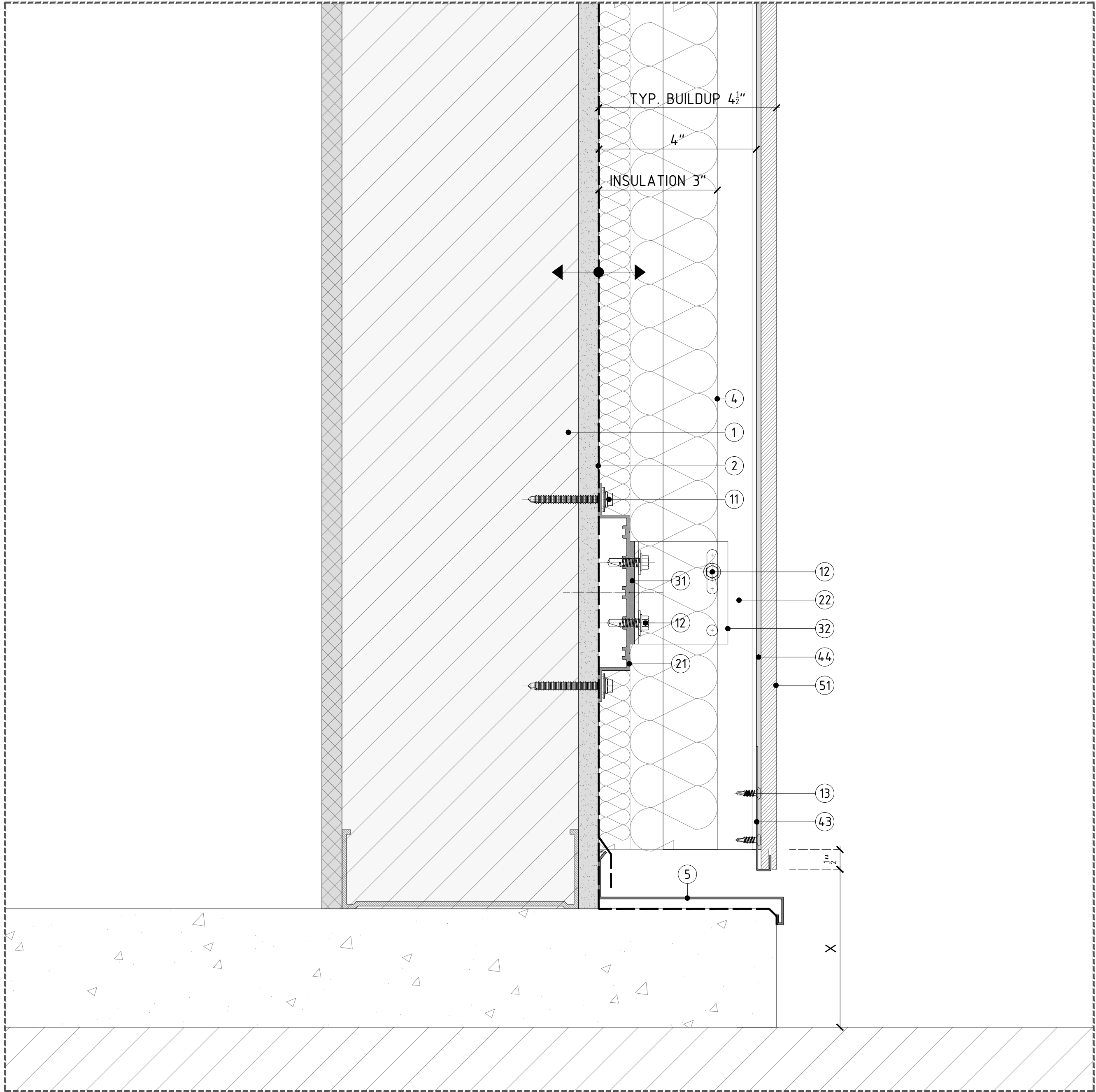
⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.

⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.

⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.

CERAMIC

⑲ PORCELAIN PANEL PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



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

REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
CLADDING DETAIL MEETING GRADE

SCALE:

HALF SIZE @ARCH D 3"±1'-0" @ARCH C

SHEET NO:

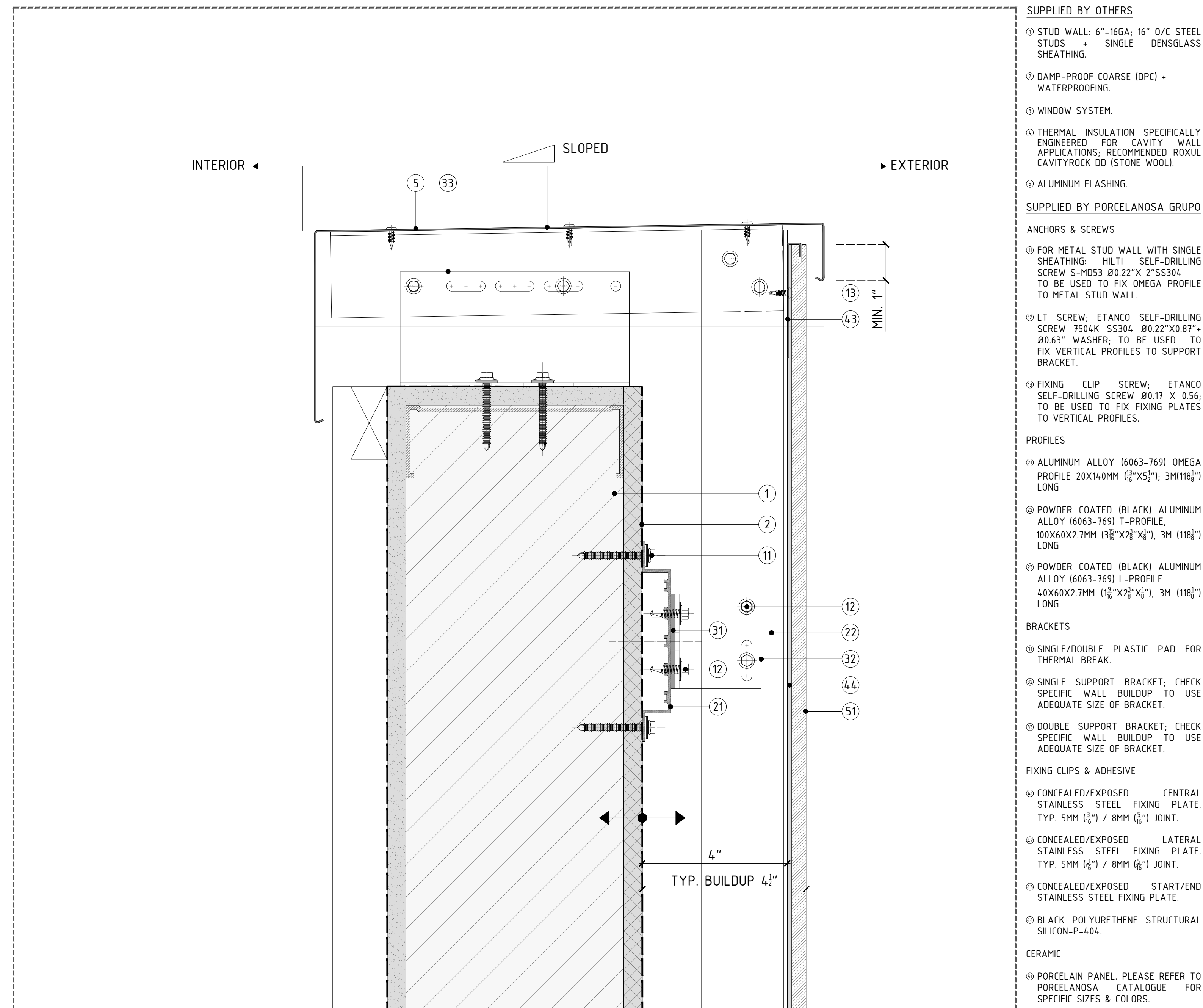
151

REVISION:

A

IMPORTANT NOTES:

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DETAIL A - TYP. COPING DETAIL W/ ALUMINUM CAP

CLADDING SYSTEM TOLERANCE $\pm \frac{3}{4}"$ (19.05MM)

REVISIONS:

[illegible]

SHEET TITLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
CLADDING DETAIL AT COPING

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 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.

SUPPLIED BY OTHERS

- ① STUD WALL: 6"-16GA; 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.
- ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
- ③ WINDOW SYSTEM.
- ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED RUXOL CAVITYROCK DD (STONE WOOL).
- ⑤ ALUMINUM FLASHING.

SUPPLIED BY PORCELANOSA GRUPO

ANCHORS & SCREWS

- Ⓢ FOR METAL STUD WALL WITH SINGLE SHEATHING: HULTI SELF-DRILLING SCREW S-M053 Ø0.22" X 2" S5304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
- Ⓢ LT SCREW; ETANCO SELF-DRILLING SCREW 7504Q S5304 Ø0.22" X Ø0.87" Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
- Ⓢ FIXING CLIP SCREW; ETANCO SELF-DRILLING SCREW Ø0.17 X 0.56; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.

PROFILES

- ② ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X14.0MM ($1\frac{1}{2}'' \times 5\frac{1}{2}''$), 3M ($118\frac{1}{8}''$) LONG
- ② POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE, 100X60X2.7MM ($3\frac{1}{2}'' \times 2\frac{3}{8}'' \times \frac{1}{8}''$), 3M ($118\frac{1}{8}''$) LONG
- ② POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE 40X60X2.7MM ($1\frac{1}{2}'' \times 2\frac{3}{8}'' \times \frac{1}{8}''$), 3M ($118\frac{1}{8}''$) LONG

BRACKETS

- ② SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
- ③ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- ④ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.

FIXING CLIPS & ADHESIVE

- ④ CONCEALED/EXPOSED CENTRAL
STAINLESS STEEL FIXING PLATE.
TYP. 5MM ($\frac{3}{16}$ ") / 8MM ($\frac{5}{16}$ ") JOINT.
- ⑤ CONCEALED/EXPOSED LATERAL
STAINLESS STEEL FIXING PLATE.
TYP. 5MM ($\frac{3}{16}$ ") / 8MM ($\frac{5}{16}$ ") JOINT.
- ⑥ CONCEALED/EXPOSED START/END
STAINLESS STEEL FIXING PLATE.
- ⑦ BLACK POLYURETHENE STRUCTURAL
SILICON-P-404.

CERAMIC

- ⑤ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.

REVISIONS:

[illegible]

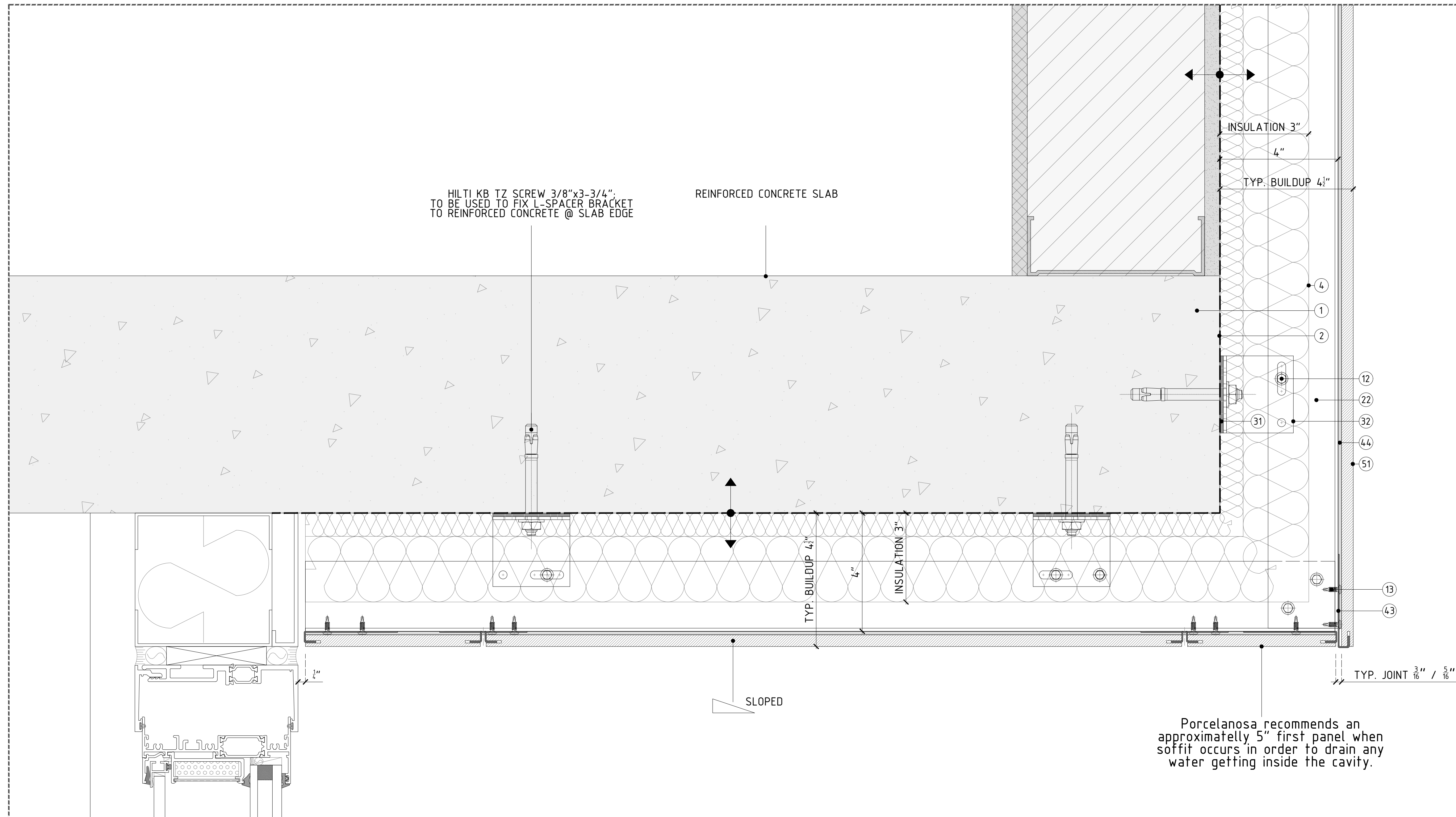
SHEET TITLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
CLADDING DETAIL AT SOFFIT

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

SHEET NO:	REVISION:
-----------	-----------

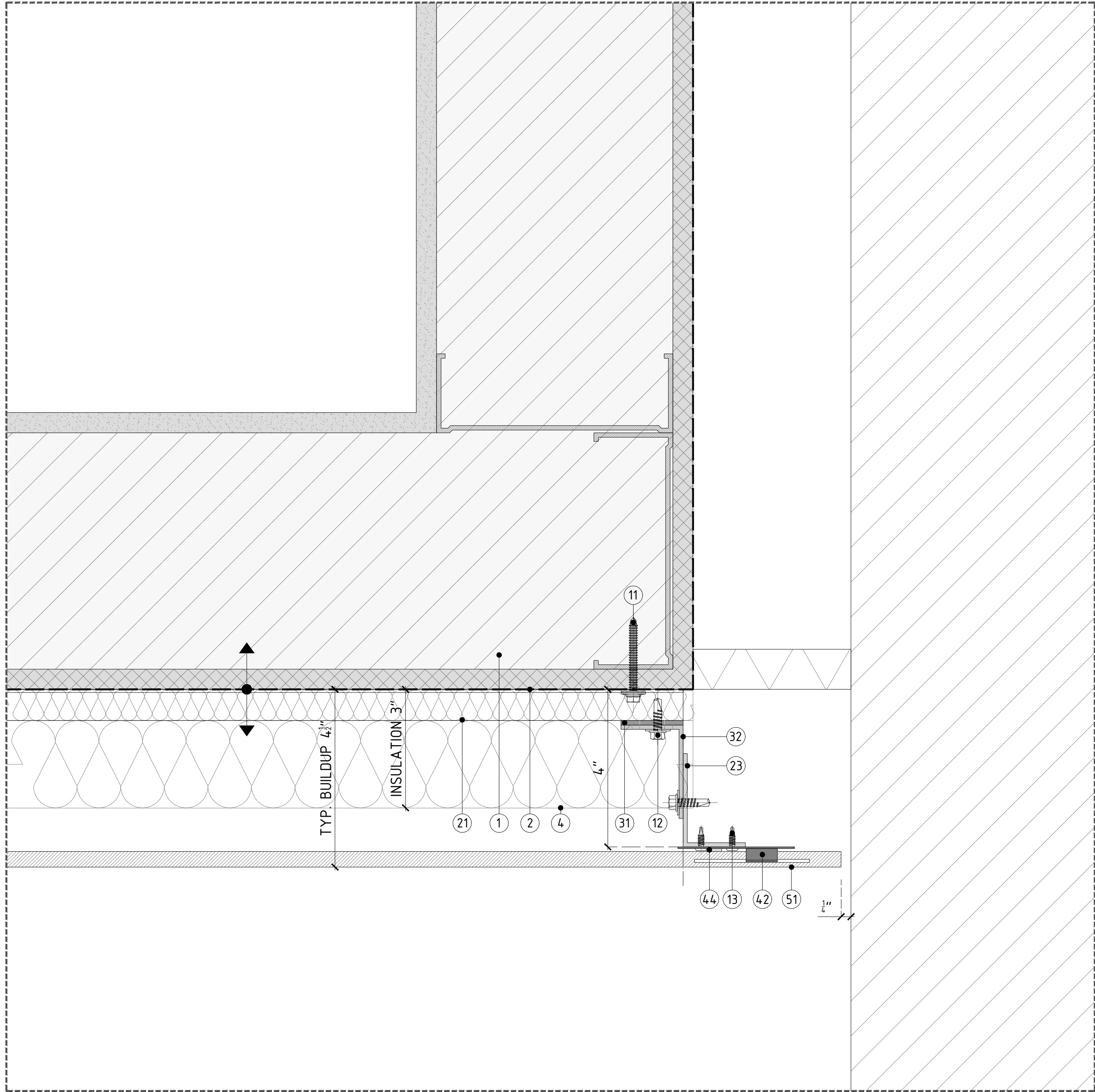
153

B



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

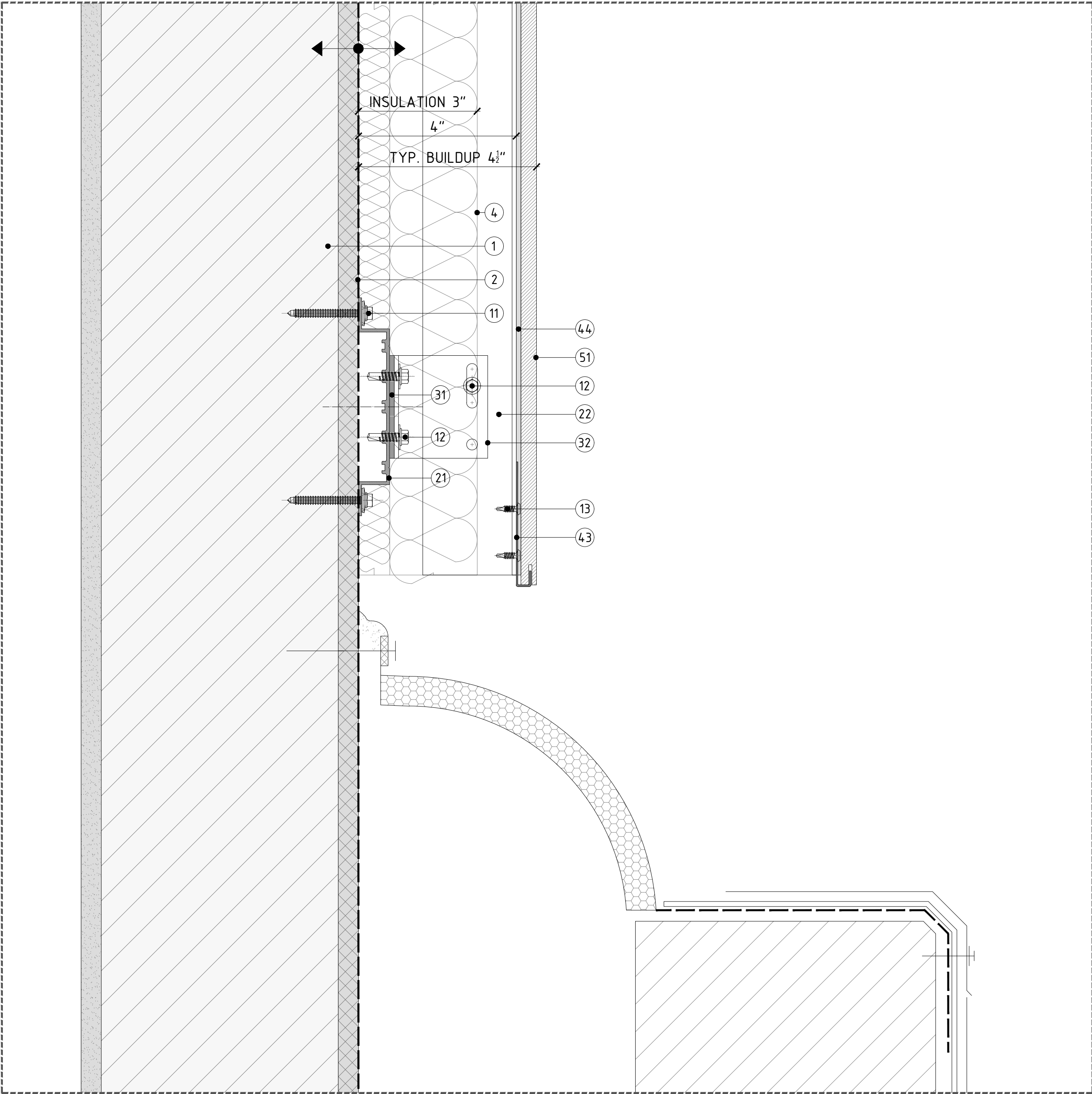
CLADDING SYSTEM TOLERANCE $\pm \frac{3}{4}$ " (19.05MM)



DETAIL A - TERMINATION PLAN DETAIL W/ ADJACENT BUILDING

↑ CLADDING SYSTEM TOLERANCE +/- 3/4" (19.05MM)

- SUPPLIED BY OTHERS
- ① STUD WALL: 6"-16GA. 16" O/C STEEL STUDS + SINGLE DENSGLASS SHEATHING.
 - ② DAMP-PROOF COARSE (DPC) + WATERPROOFING.
 - ③ WINDOW SYSTEM.
 - ④ THERMAL INSULATION SPECIFICALLY ENGINEERED FOR CAVITY WALL APPLICATIONS; RECOMMENDED ROXUL CAVITYROCK DD (STONE WOOL).
 - ⑤ ALUMINUM FLASHING.
- SUPPLIED BY PORCELANOSA GRUPO
- ANCHORS & SCREWS
- ⑥ FOR METAL STUD WALL WITH SINGLE SHEATHING: HILTI SELF-DRILLING SCREW S-MD53 Ø0.22" X 2" S5304 TO BE USED TO FIX OMEGA PROFILE TO METAL STUD WALL.
 - ⑦ LT. SCREW: ETANCO SELF-DRILLING SCREW 7504K S5304 Ø0.22" X 0.87" + Ø0.63" WASHER; TO BE USED TO FIX VERTICAL PROFILES TO SUPPORT BRACKET.
 - ⑧ FIXING CLIP SCREW: ETANCO SELF-DRILLING SCREW Ø0.17" X 0.56"; TO BE USED TO FIX FIXING PLATES TO VERTICAL PROFILES.
- PROFILES
- ⑨ ALUMINUM ALLOY (6063-769) OMEGA PROFILE 20X14MM (3/8" X 1/2"); 3M (118") LONG
 - ⑩ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) T-PROFILE. 100X60X2.7MM (3 11/16" X 2 3/8" X 1/8"); 3M (118") LONG
 - ⑪ POWDER COATED (BLACK) ALUMINUM ALLOY (6063-769) L-PROFILE. 40X60X2.7MM (1 1/2" X 2 3/8" X 1/8"); 3M (118") LONG
- BRACKETS
- ⑫ SINGLE/DOUBLE PLASTIC PAD FOR THERMAL BREAK.
 - ⑬ SINGLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
 - ⑭ DOUBLE SUPPORT BRACKET; CHECK SPECIFIC WALL BUILDUP TO USE ADEQUATE SIZE OF BRACKET.
- FIXING CLIPS & ADHESIVE
- ⑮ CONCEALED/EXPOSED CENTRAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
 - ⑯ CONCEALED/EXPOSED LATERAL STAINLESS STEEL FIXING PLATE. TYP. 5MM (3/16") / 8MM (5/16") JOINT.
 - ⑰ CONCEALED/EXPOSED START/END STAINLESS STEEL FIXING PLATE.
 - ⑱ BLACK POLYURETHENE STRUCTURAL SILICON-P-404.
- CERAMIC
- ⑲ PORCELAIN PANEL. PLEASE REFER TO PORCELANOSA CATALOGUE FOR SPECIFIC SIZES & COLORS.



DETAIL B - TERMINATION WALL SECTION DETAIL W/ ADJACENT BUILDING

PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE
PORCELANOSA

PORCELANOSAFACADES.COM

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:

NO.	DESCRIPTION
A	12/18/18

SHEET TITTLE:
VFS-PORCELAIN PANEL CLADDING
CONSTRUCTION DETAILS
CLADDING DETAIL WITH ADJACENT
BUILDING

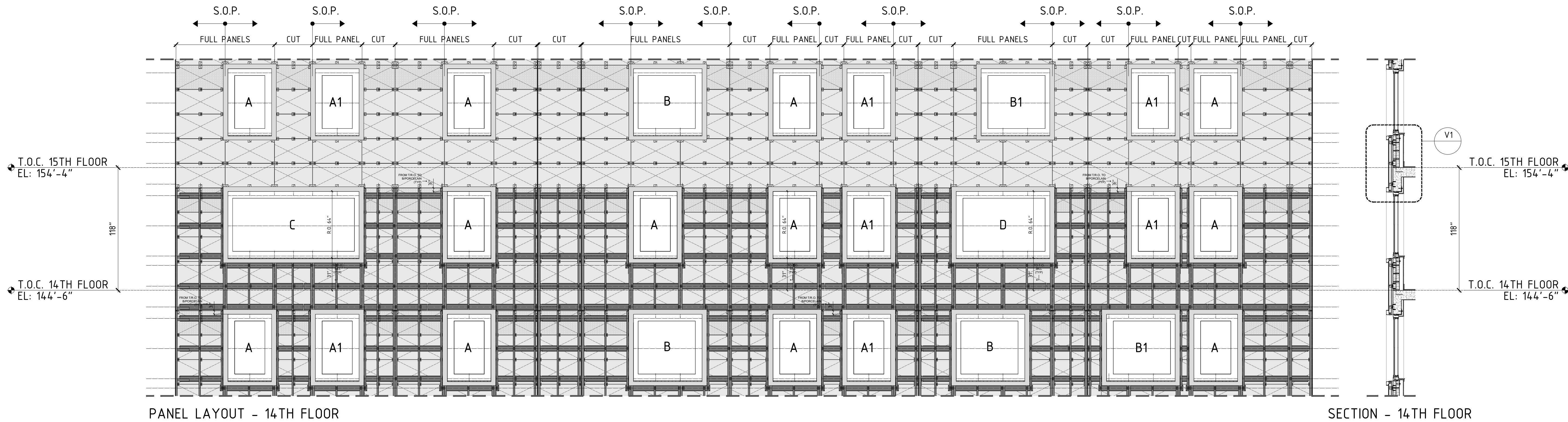
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HALF SIZE @ARCH D 3"±1'-0" @ARCH C

SHEET NO:

REVISION:

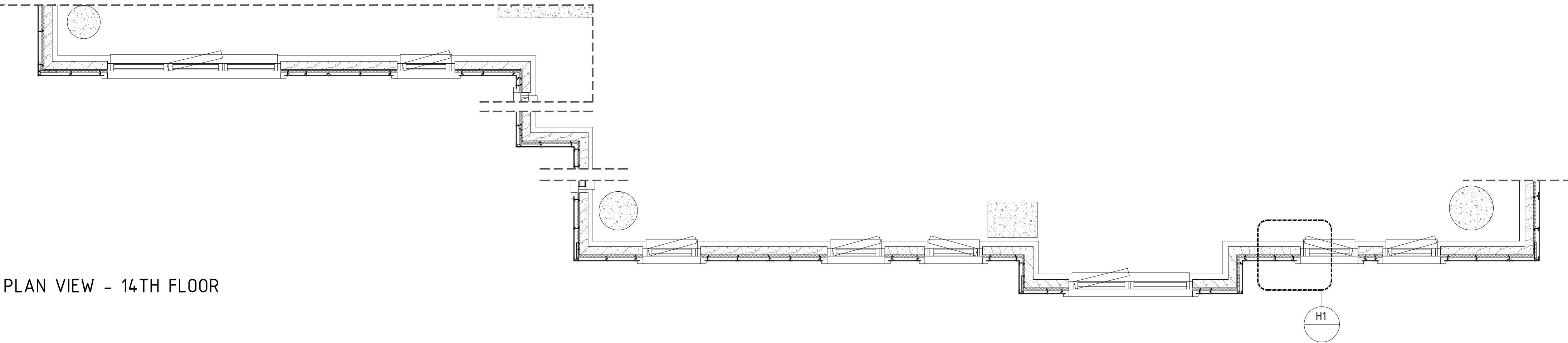
154

A

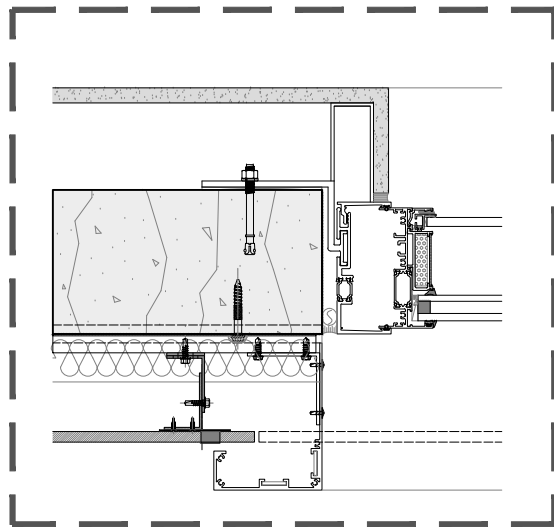


PANEL LAYOUT - 14TH FLOOR

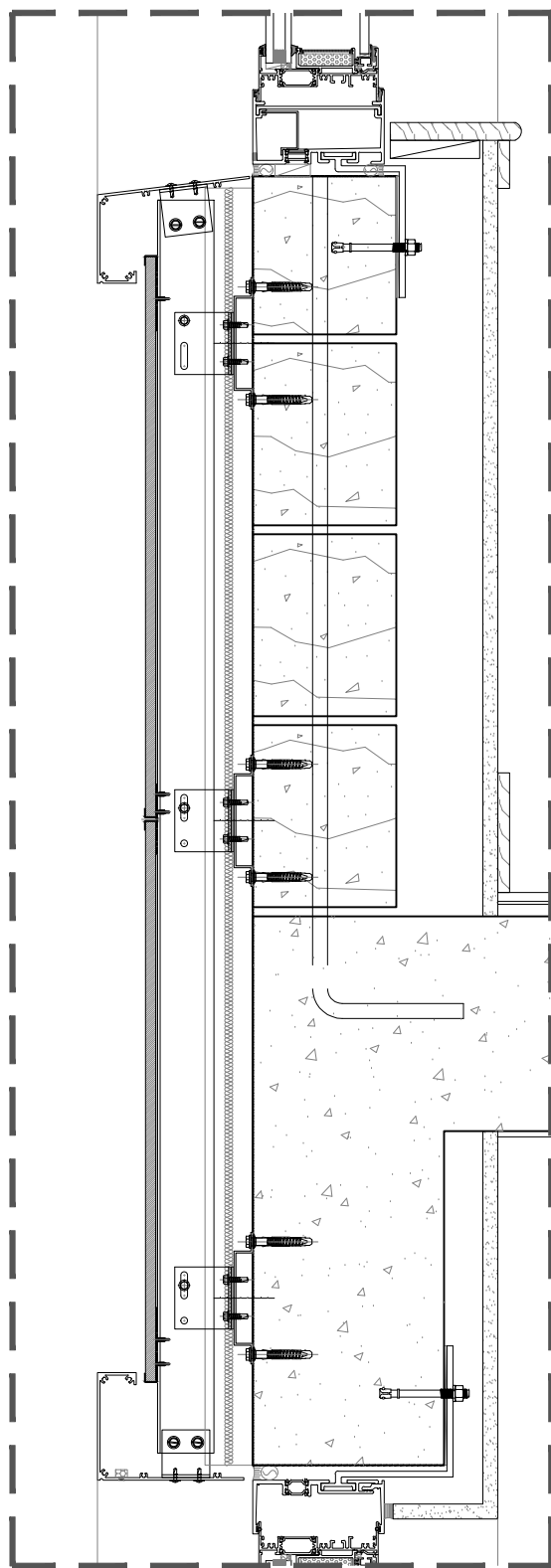
SECTION - 14TH FLOOR



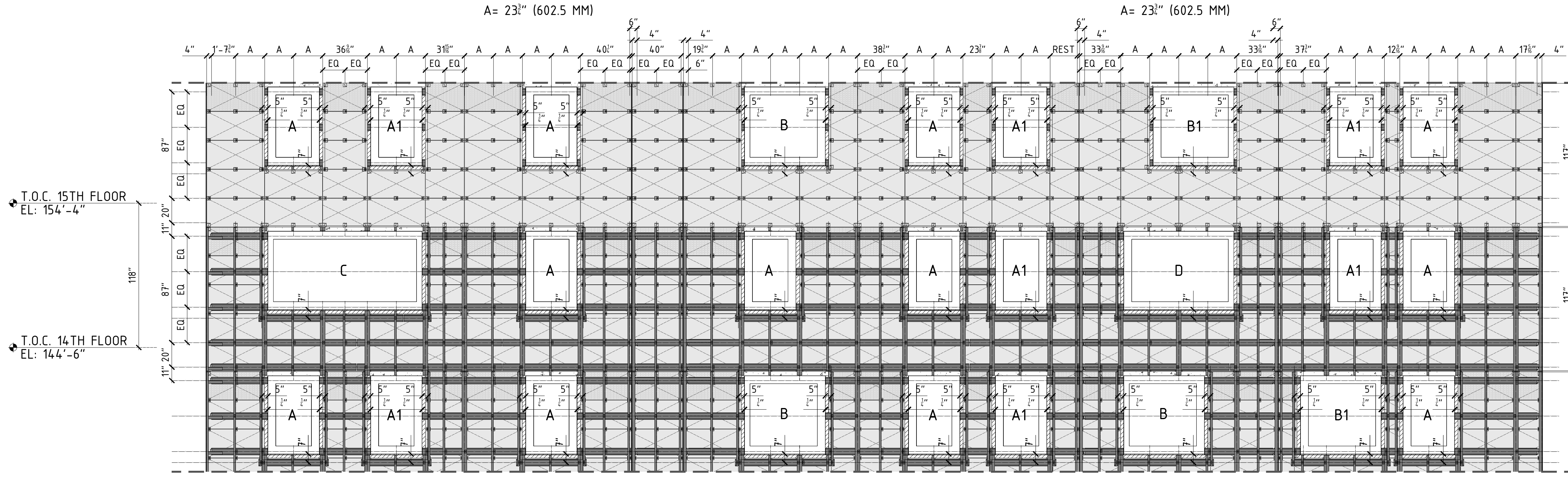
PLAN VIEW - 14TH FLOOR



H1 DETAIL @ WINDOW JAMB



V1 DETAIL @ WINDOW HEAD & SILL



SUBSTRUCUTRE LAYOUT - 14TH FLOOR

PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE
PORCELANOSA

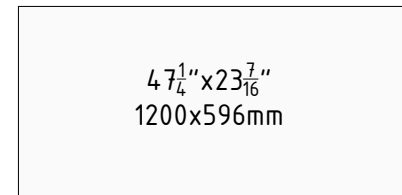
PORCELANOSAFACADES.COM

IMPORTANT NOTES:

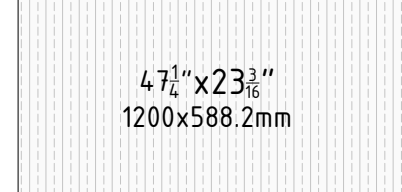
PLEASE NOTE, THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE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

PANEL LEGEND

TOWER

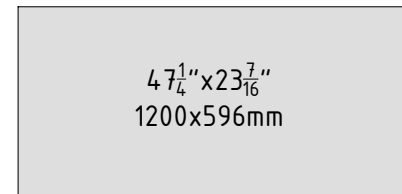


PANEL A.1
COLOR: EXTREME WHITE

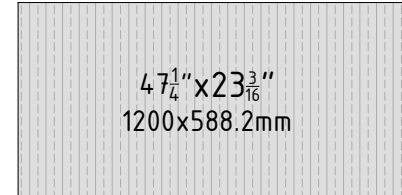


PANEL A.2
COLOR: EXTREME WHITE

SHEAR WALL & PODIUM

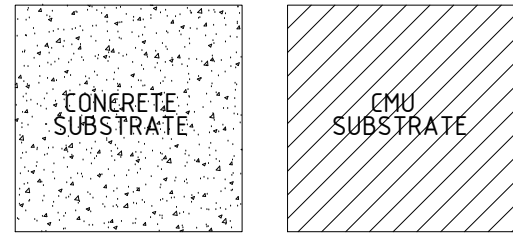


PANEL B.1
COLOR: CUBICA



PANEL B.2
COLOR: CUBICA

SUBSTRATE LEGEND



REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:

CASE STUDY
ALTA LIC TOWER RESIDENTIAL BUILDING

SCALE:

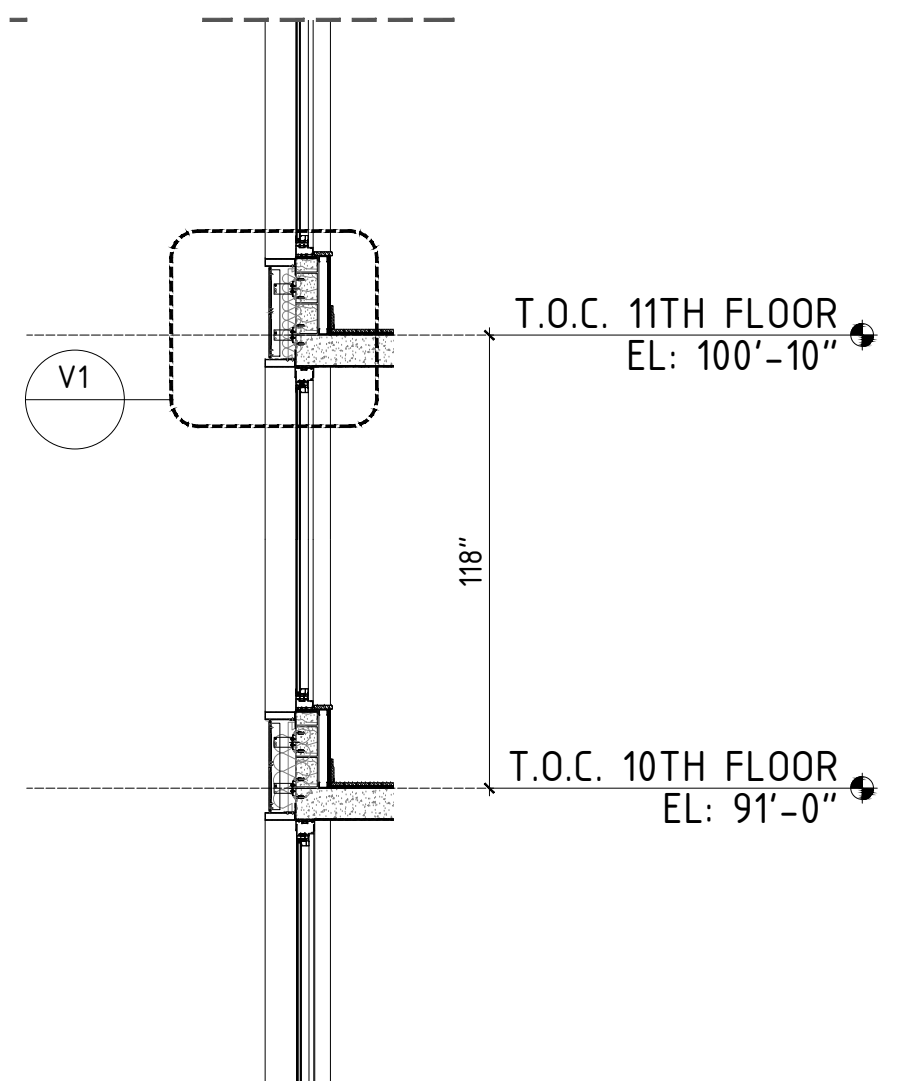
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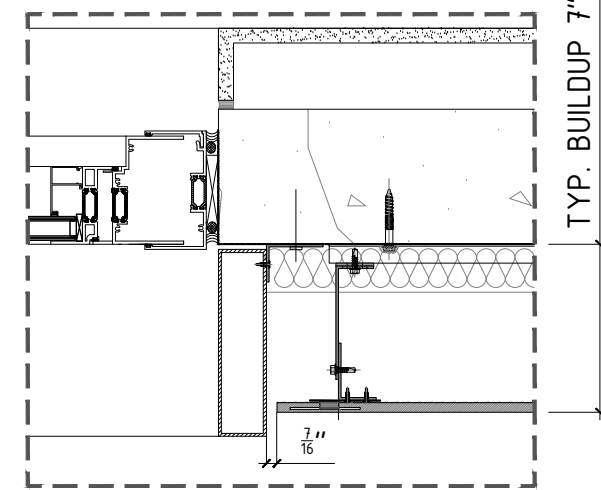
REVISION:

161

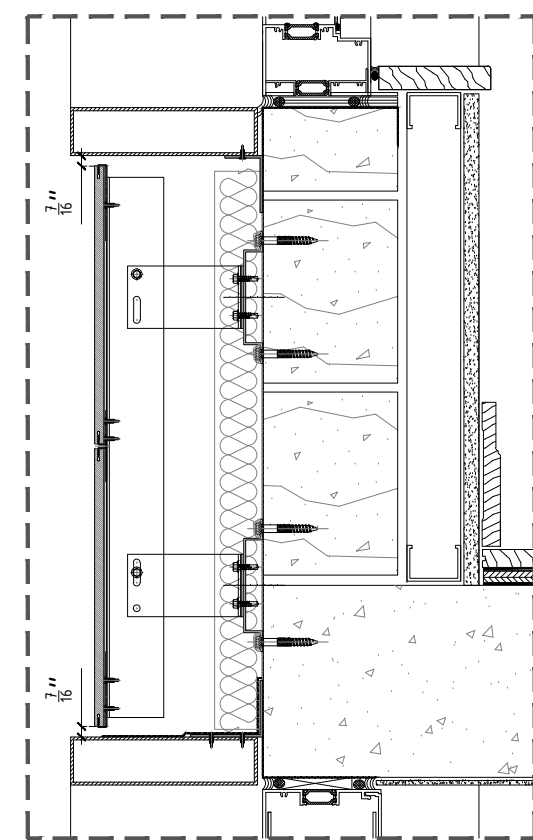
A



SECTION - 11TH FLOOR



H1) DETAIL @ WINDOW JAMB



V1 DETAIL @ WINDOW HEAD & SILL

COMPANY:

PORCELANOSAFACADES.COM

IMPORTANT NOTES:

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PANEL LEGEND

PANEL A.1
COLOR: DOVER ARENA

PANEL A.2
COLOR: DOVER ARENA

PANEL A.3
COLOR: DOVER ARENA
CUT AS PER FIELD DIMENSION

SUBSTRATE LEGEND

REVISIONS:

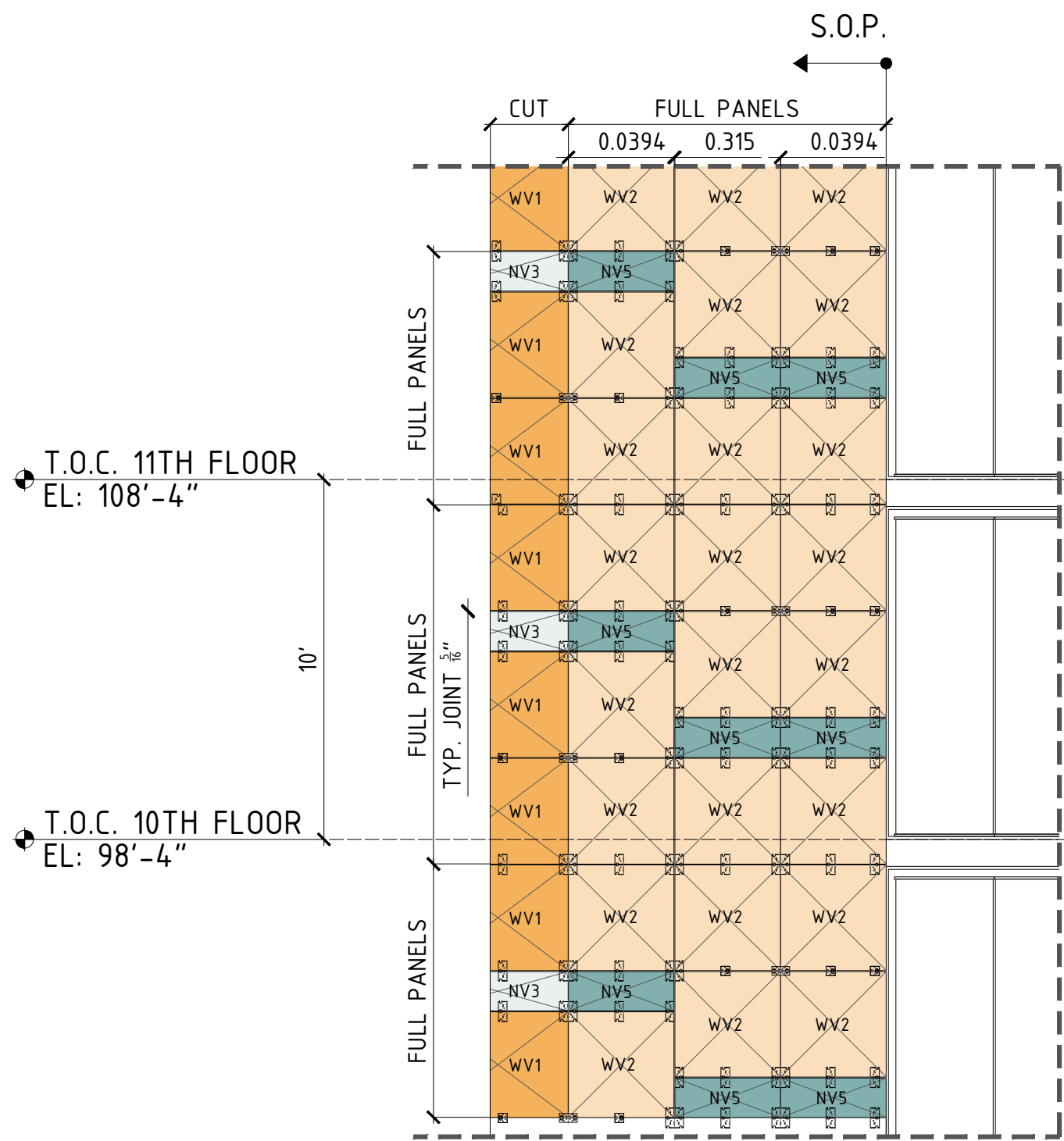
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SHEET TITLE:
CASE STUDY
THE NEVINS APARTMENT BUILDING

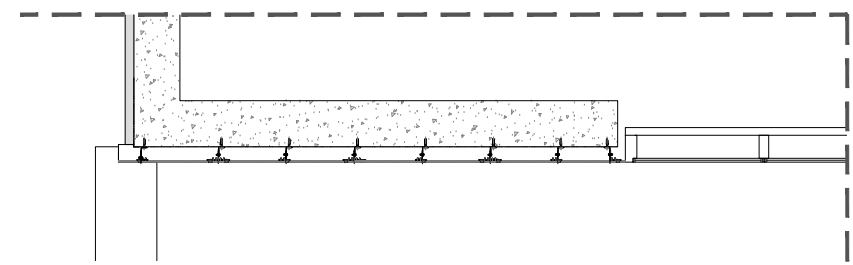
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SHEET NO:

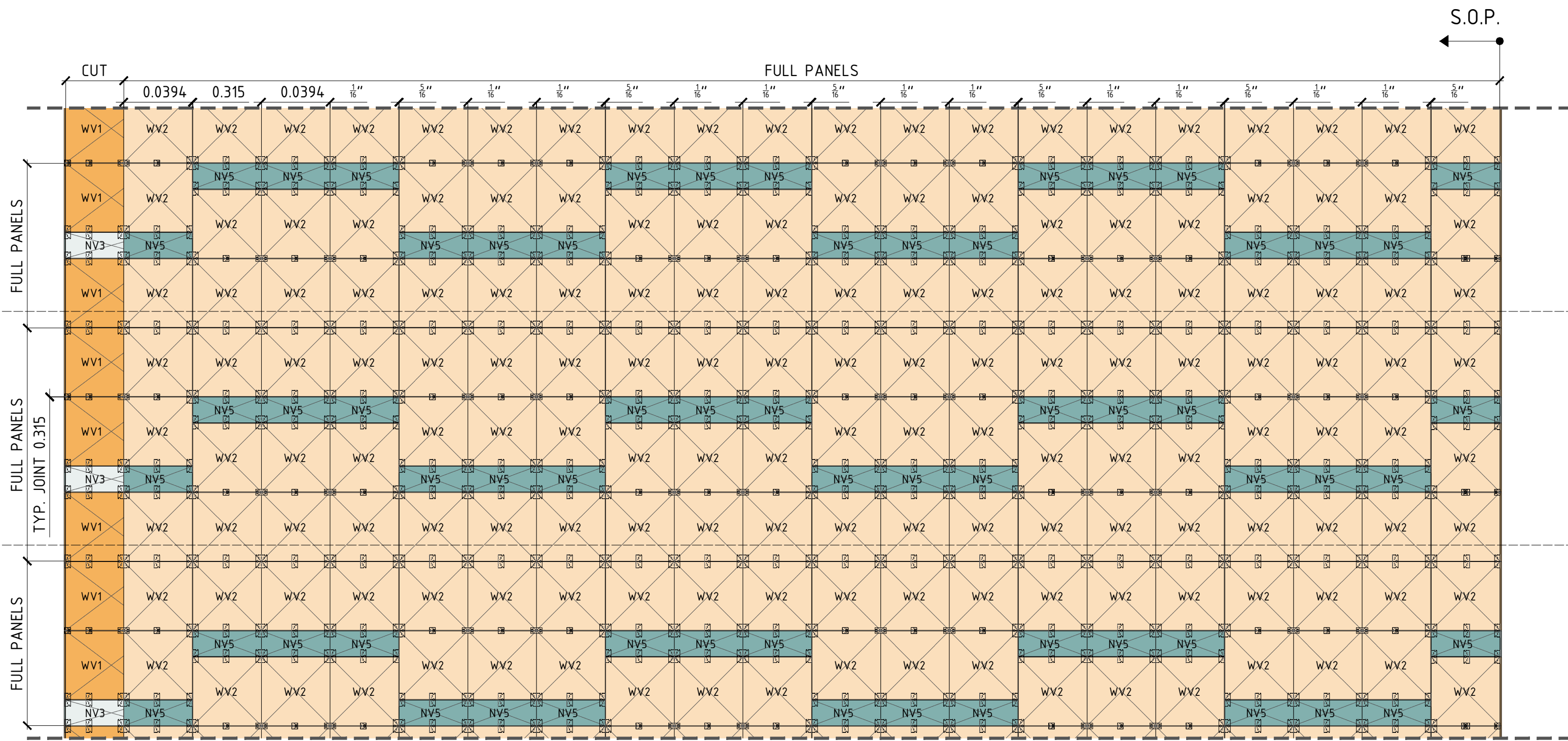
REVISION:



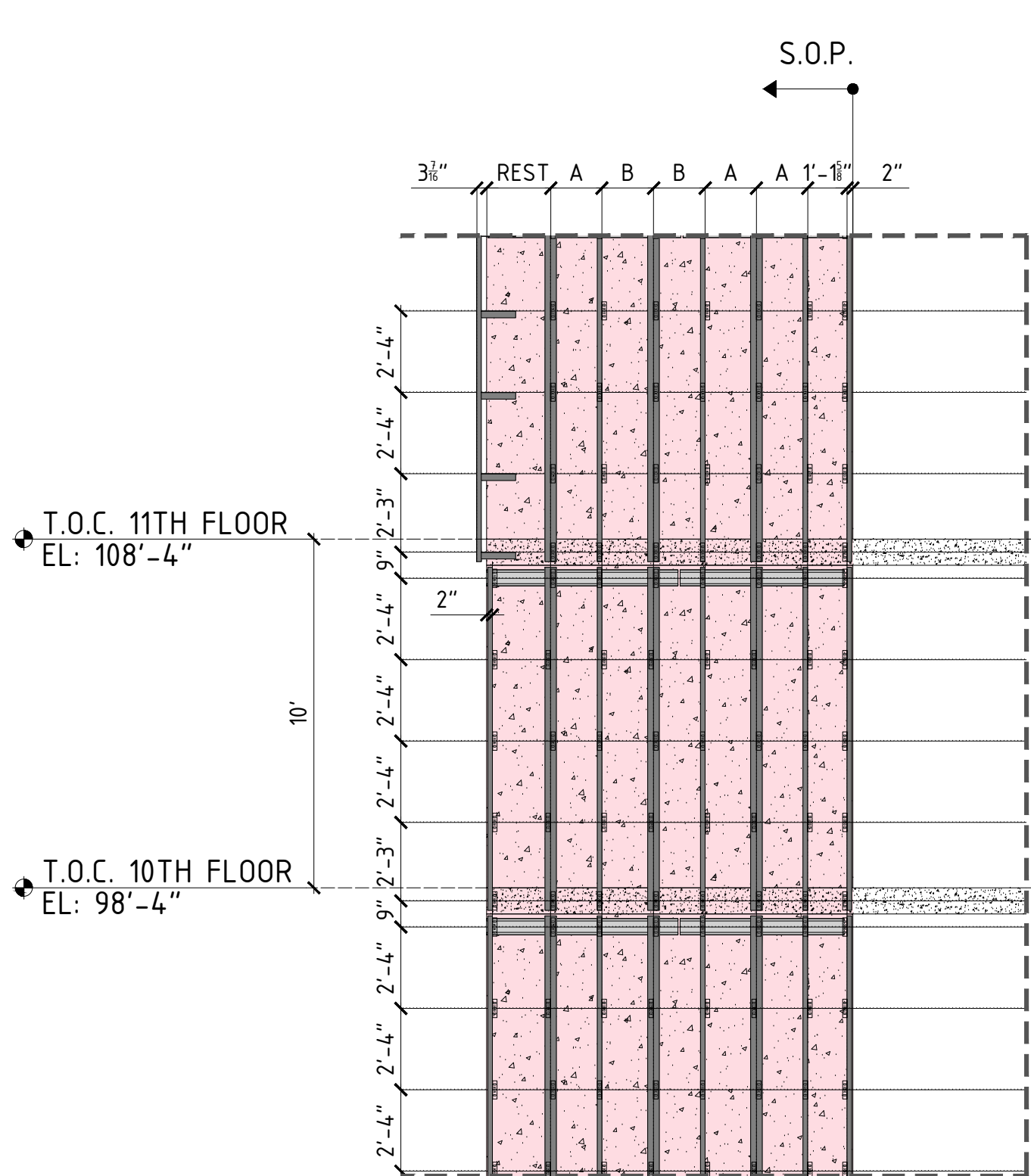
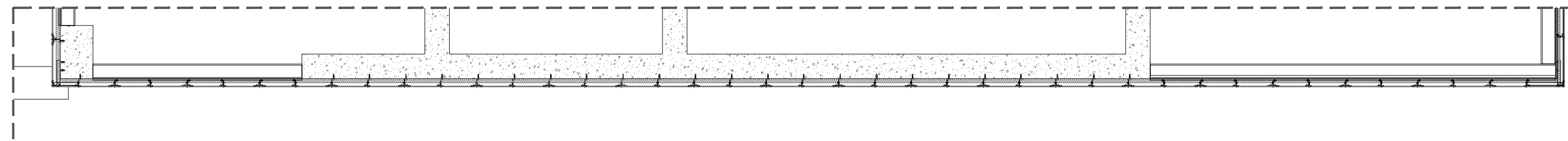
PANEL LAYOUT - 7TH FLOOR



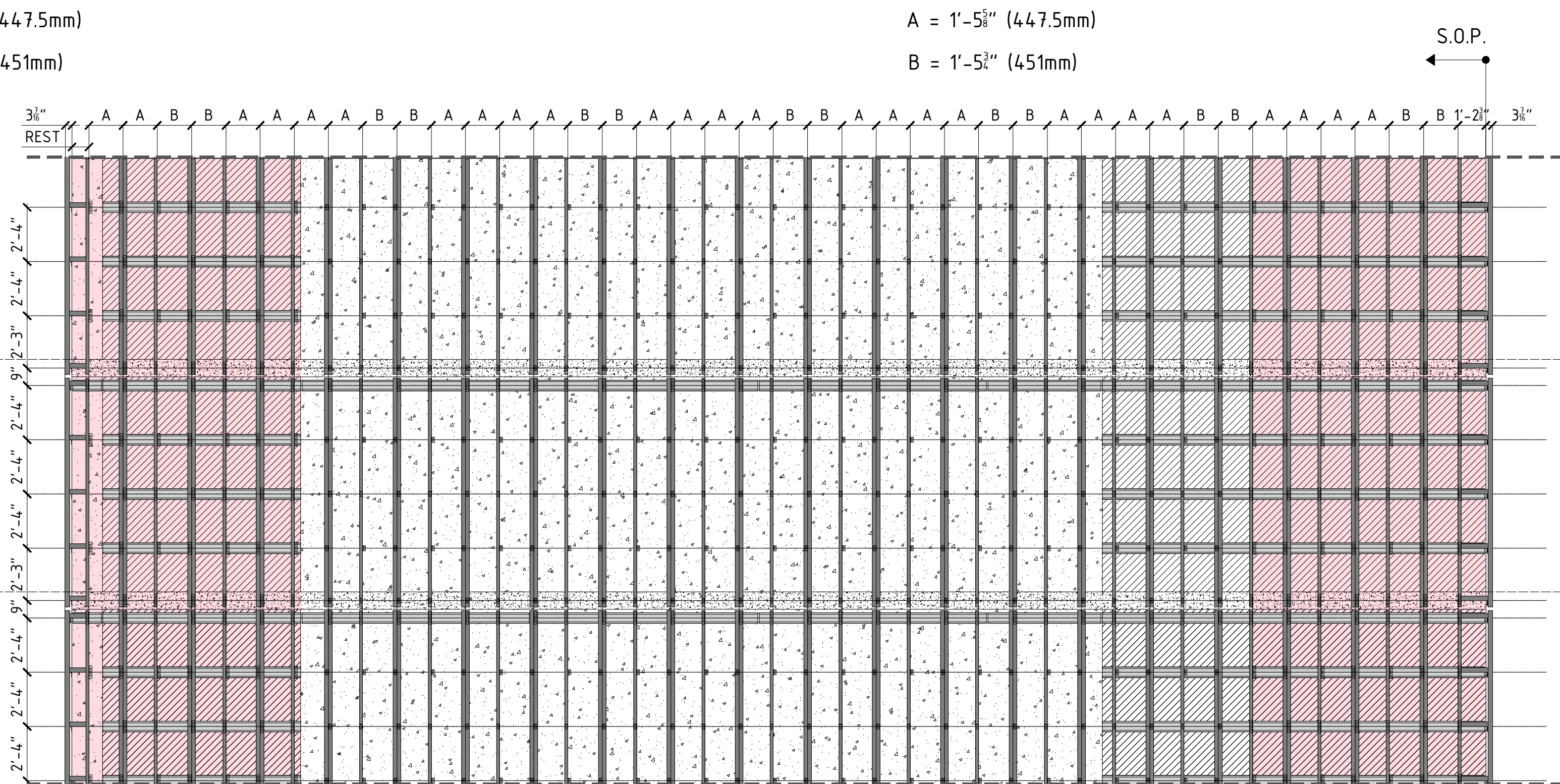
PLAN VIEW - 7TH FLOOR



SECTION - 14TH FLOOR



SUBSTRUCUTRE LAYOUT - 7TH FLOOR



T.O.C. 11TH FLOOR
EL: 108'-4"

T.O.C. 10TH FLOOR
EL: 98'-4"

PROJECT NAME:
DETAILS BOOK

COMPANY:

FACADE
PORCELANOSA

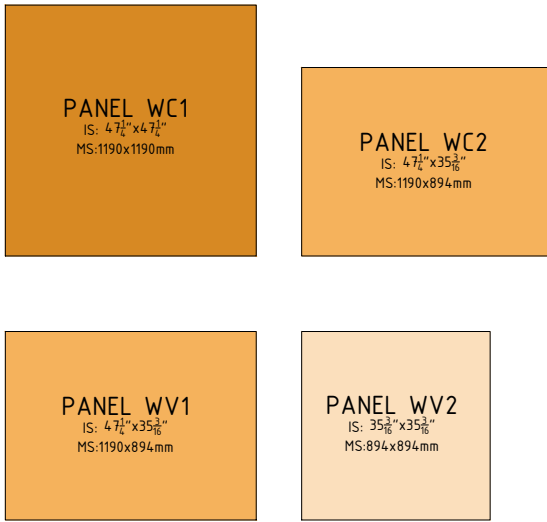
PORCELANOSAFACADES.COM

IMPORTANT NOTES:

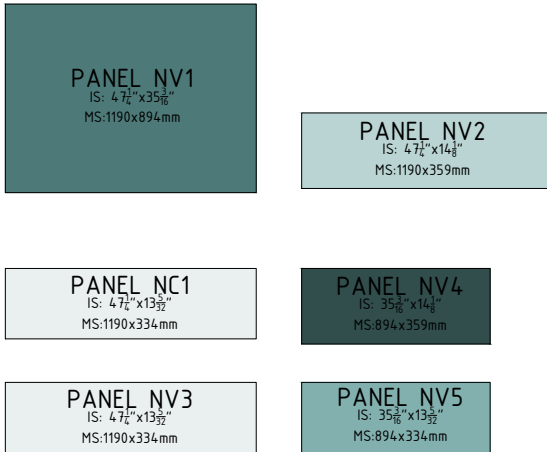
PLEASE NOTE, THESE ARE CONCEPTUAL DETAILS. PROJECT SPECIFIC DETAILS MUST BE REVIEWED WITH PORCELANOSA. ALL DATA CONTAINED HERE IN IS THE PROPERTY OF PORCELANOSA AND SHALL NOT BE COPIED, REPRODUCED OR DISSEMINATED WITHOUT PRIOR WRITTEN APPROVAL FROM PORCELANOSA. COMMERCIAL ARCHITECTURAL FIRMS MAY INCORPORATE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

PANEL LEGEND

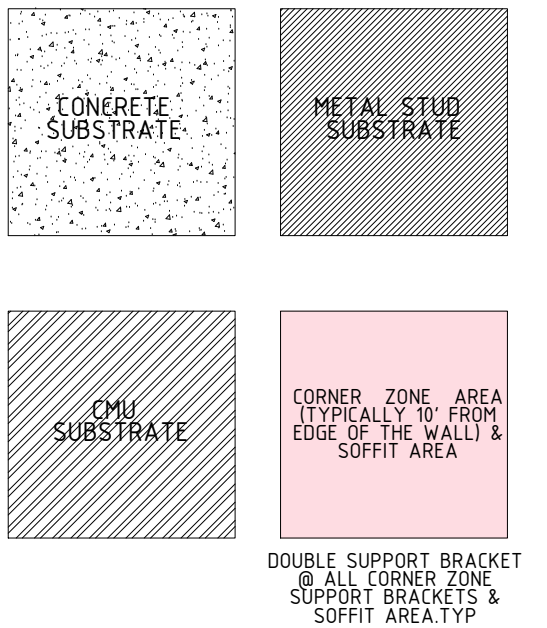
COLOR TOWN WHITE NATURE



COLOR TOWN NIQUEL NATURE



SUBSTRATE LEGEND



REVISIONS:

NO.	DESCRIPTION
A	12/18/18

SHEET TITLE:
CASE STUDY
COURTYARD HOTEL BY MARRIOT

SCALE:
13/32"=1'-0" @ARCH D 13/64"=1'-0" @ARCH C

SHEET NO:

REVISION:

163

A