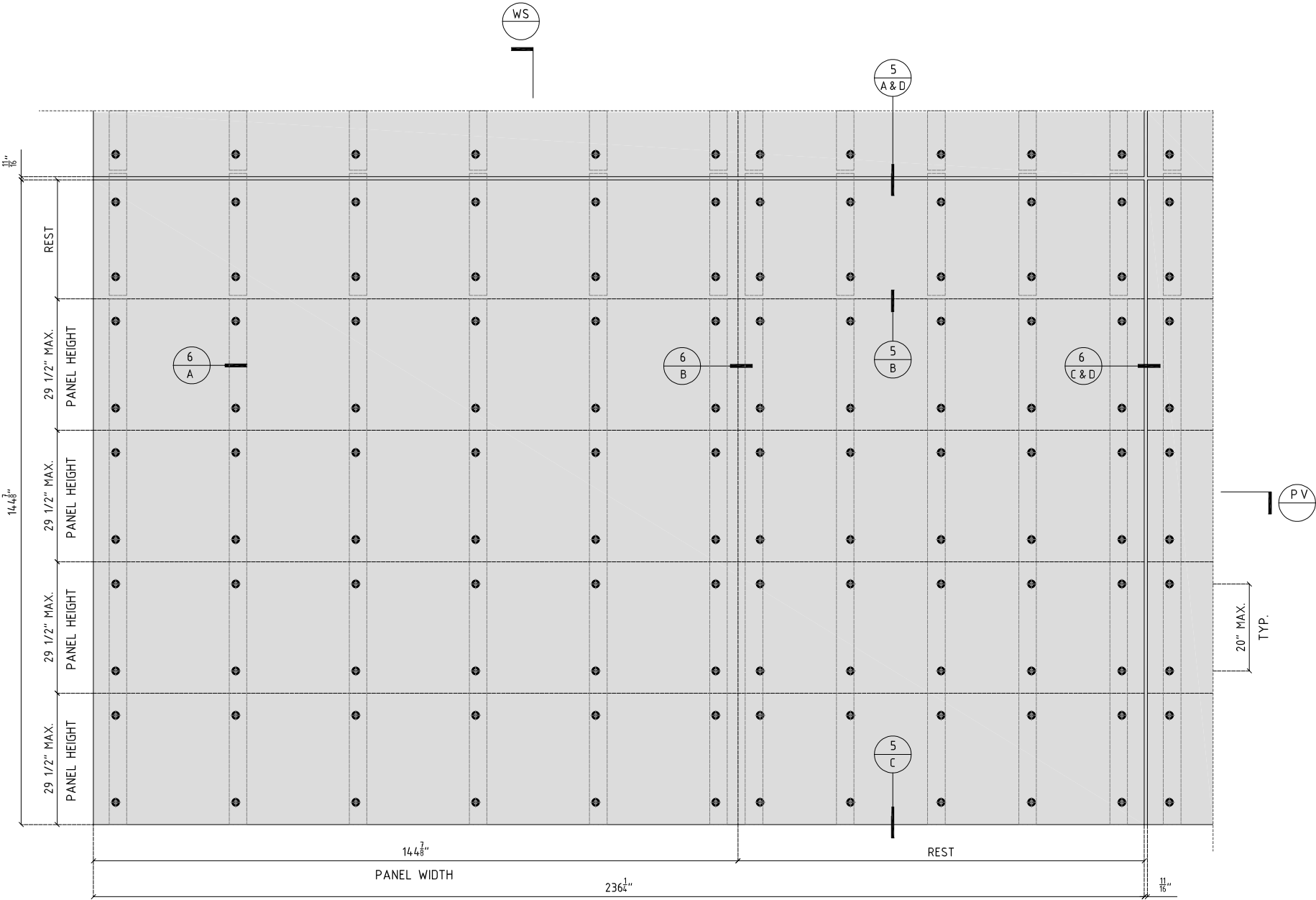
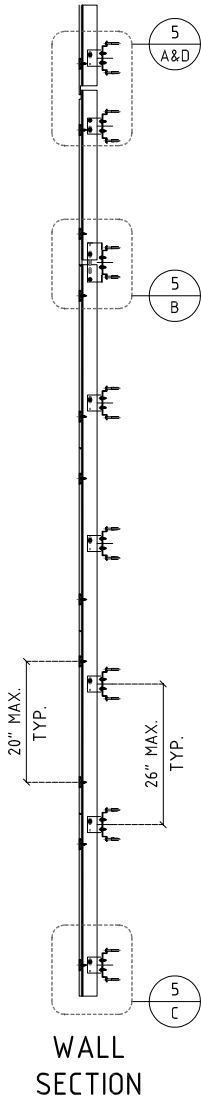
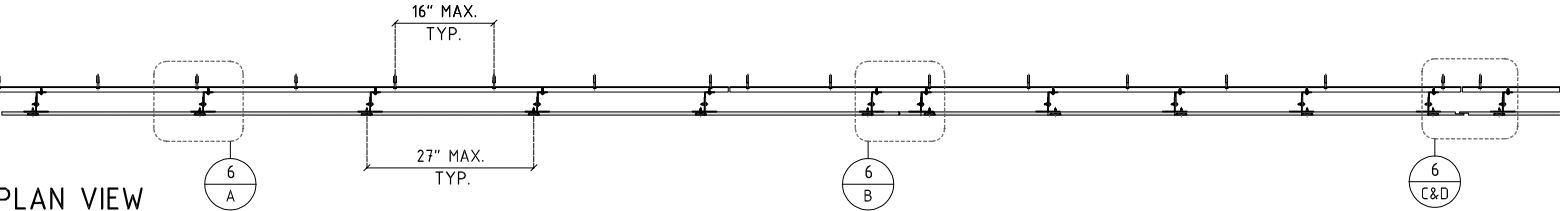


NOTE:
INSTALLATION CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY.



KRION LAYOUT



PLAN VIEW

TYPICAL ELEVATION

INSTALLATIONS AT MASONRY/CONC STRUCTURES
SEE SHEETS 5 AND 6 FOR INSTALLATION DETAILS

KRION® SS RAINSCREEN/VENTILATED FACADE SYSTEM

KRION SS PANELS ANCHORED TO SHEAR WALLS AS
EXTERIOR CLADDING.

APPROVAL APPLIES TO MULTIPLE UNIT INSTALLATIONS

MAX. DESIGN LOAD = + 70 PSF
- 70 PSF

MIN. PANEL THICKNESS = 1/2 IN.

MAX. PANEL SIZE= 29-1/2" HIGH X 14 7/8" WIDE

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS
OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY
HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND
INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL
SHALL BE BEYOND WALL DRESSING OR STUCCO.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO
CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE
2023 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A
SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE
RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION
RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED
SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON
THIS DOCUMENT.

THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.

SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF
THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE
P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS
FOR REVIEW.

THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

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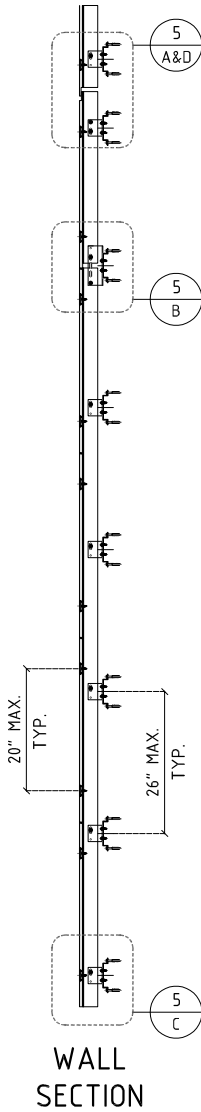
KRION® RAINSCREEN FACADE SYSTEM

PORCELANOSA
8700 N.W. 13th Terrace
Miami, FL 33172
TEL. (305) 715-7153 FAX. (305) 715-9635

revisions:		date:		scale:		dr. by:		chk. by:	
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B	231020								
drawing no.		16-09 S		sheet		1 of 9			

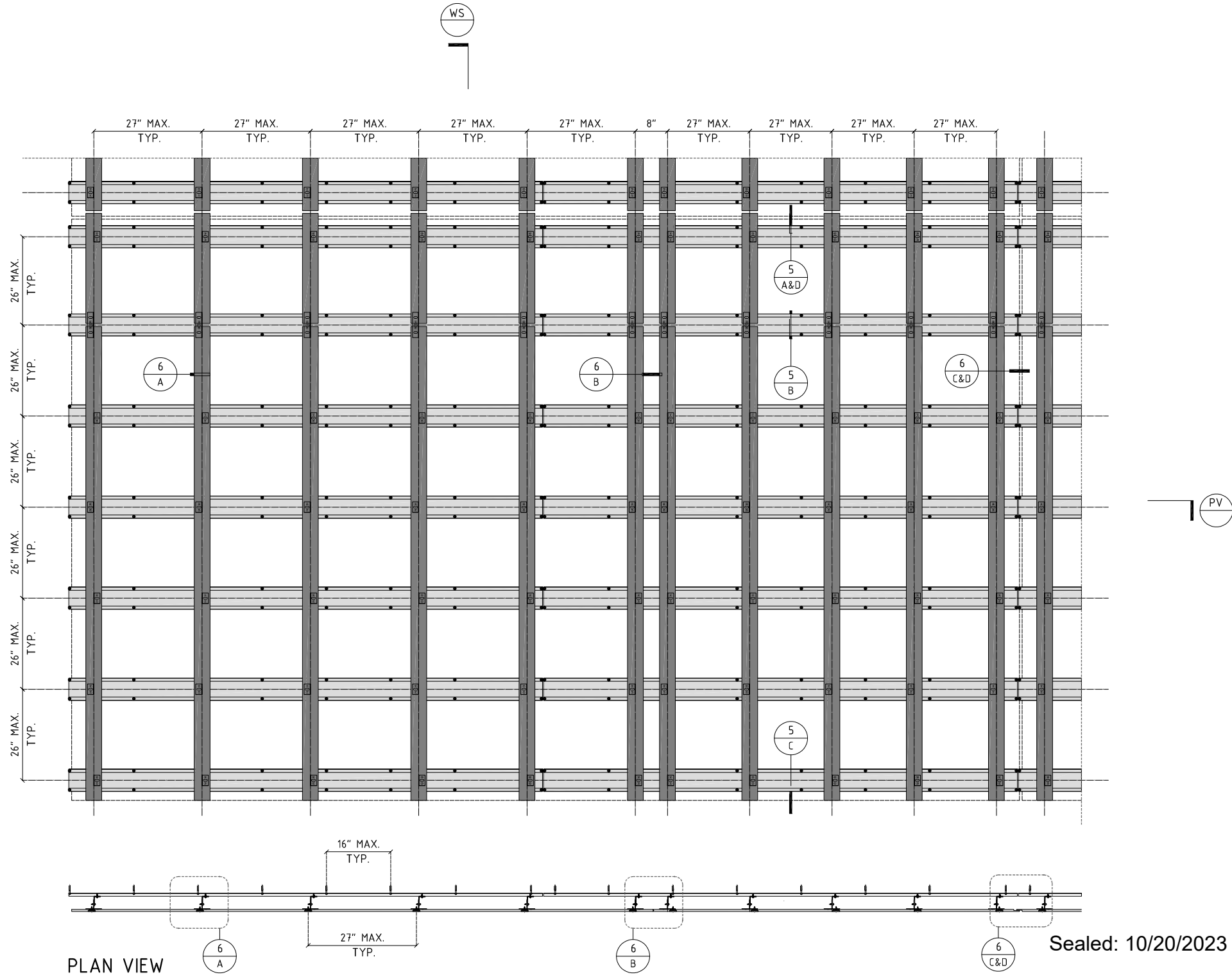
RAINSREEN\16-09PLA

NOTE:
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VERTICALLY OR HORIZONTALLY.



TYPICAL ELEVATION

INSTALLATIONS AT MASONRY/CONC STRUCTURES
SEE SHEETS 5 AND 6 FOR INSTALLATION DETAILS



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chk. by:	

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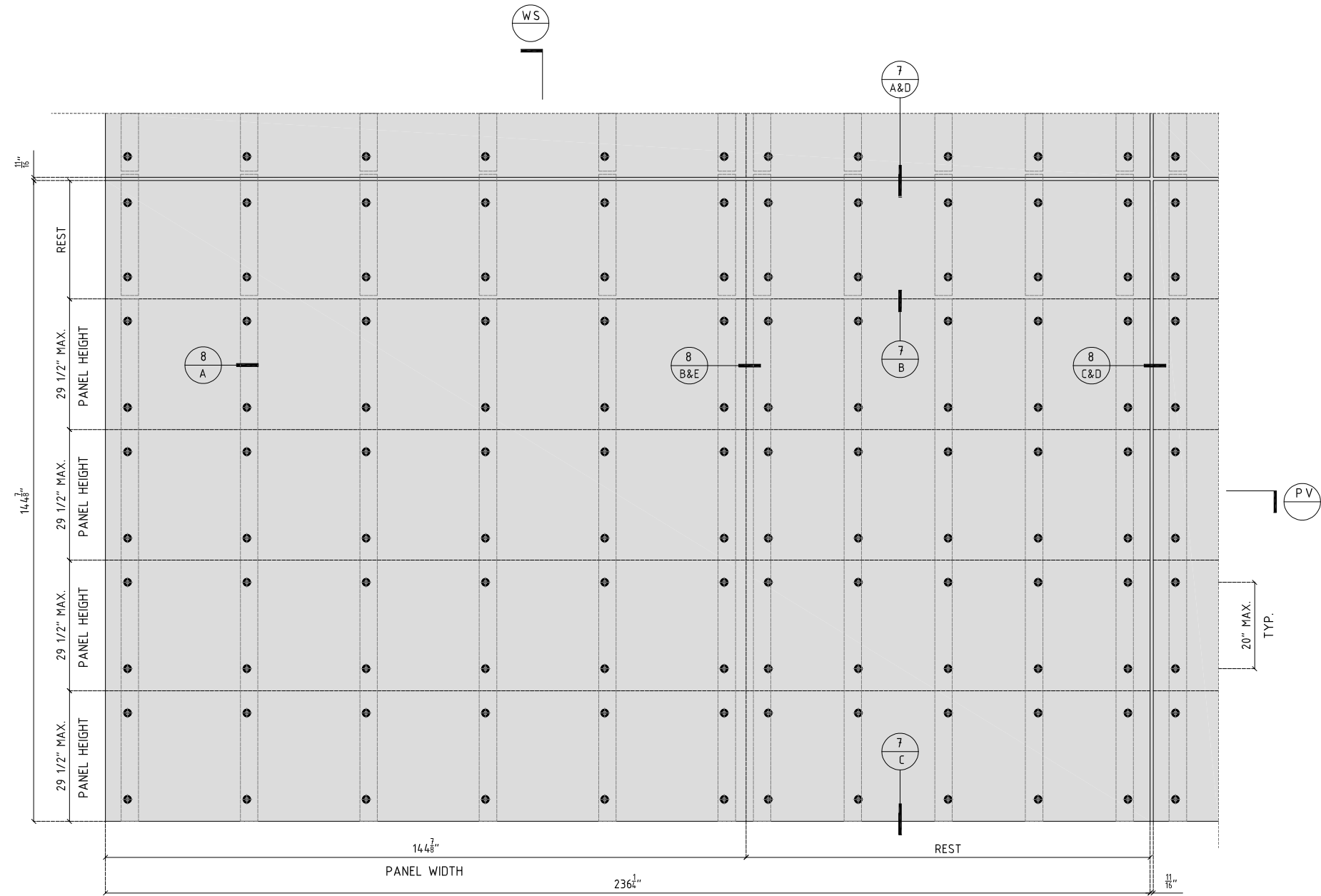
sheet 2 of 9

KRION [®] RAINSCREEN FACADE SYSTEM

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RAINSCEEN\16-09PLA

WALL SECTION



PLAN VIEW

16" MAX. TYP.

27" MAX. TYP.

8
A

8
B&E

8
C&D

INSTALLATIONS AT STEEL/WOOD STUD FRAMING SYSTEM SEE SHEETS 7 AND 8 FOR INSTALLATION DETAILS

ADEQUACY OF STRUCTURE RECEIVING RAINSCREEN SYSTEM SHALL BE CHECKED BY A LICENSED DESIGN PROFESSIONAL IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.

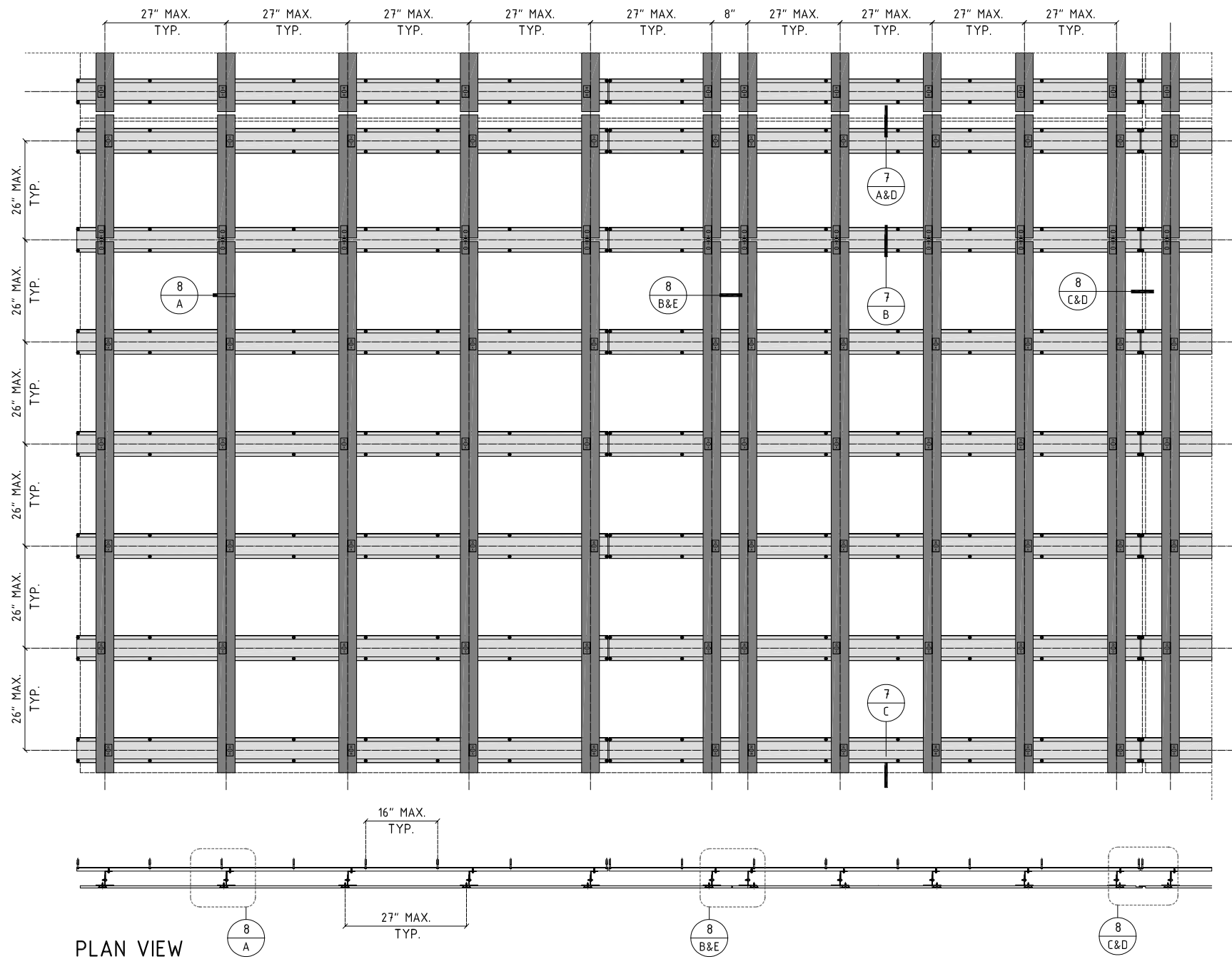
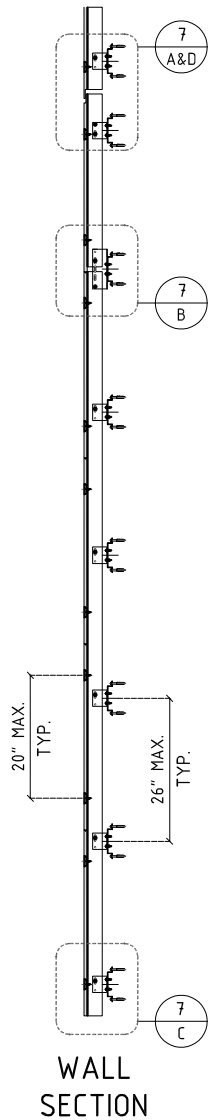


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16-09 S

sheet 3 of 9

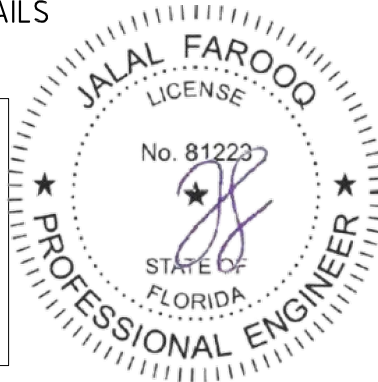
NOTE:
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VERTICALLY OR HORIZONTALLY.



INSTALLATIONS AT STEEL/WOOD STUD FRAMING SYSTEM
SEE SHEETS 7 AND 8 FOR INSTALLATION DETAILS

RAINSCREEN SYSTEM INSTALLED IN FRONT OF 19/32" (5-PLY) PLYWOOD SUPPORTED BY METAL STUDS, EACH AT 16" O.C.
PLYWOOD SHALL BE ATTACHED TO FRAMING STUDS IN ACCORDANCE WITH FBC (HVHZ).

ADEQUACY OF STRUCTURE RECEIVING RAINSCREEN SYSTEM SHALL BE CHECKED BY A LICENSED DESIGN PROFESSIONAL IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.



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KRION RAINSCREEN FACADE SYSTEM

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dr. by: JCS

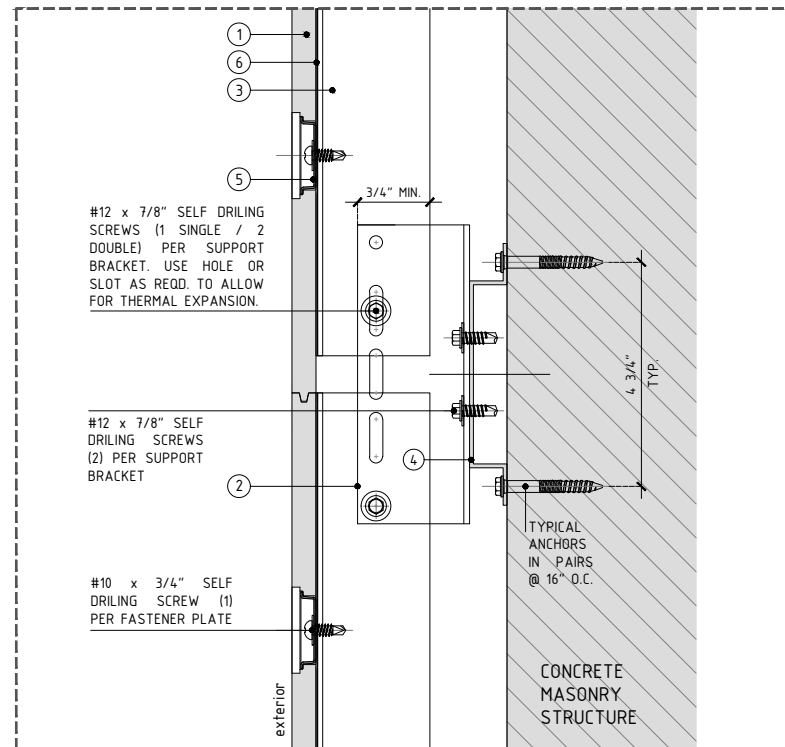
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drawing no.
16-09 S

sheet 4 of 9

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RAINSCREEN\16-09PLA



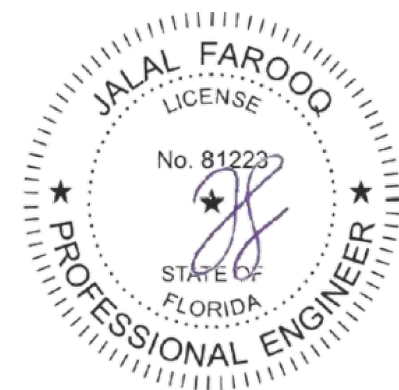
DETAIL B - TYPICAL VERTICAL DETAIL @ TONGUE & GROOVE JOINT



- * NOTE 1
IF A GREATER SIZE SUPPORT BRACKET IS
NEEDED IT HAS TO BE CALCULATED BY
THE ENGINEER OF RECORD ON A PROJECT
BY PROJECT BASIS

1/4" DIA. ULTRACON BY "DEWALT" (F_u=164 KSI,
F_y=148 KSI)

CONCRETE $f'_c = 3000$ PSI MIN.
C-90 HOLLOW/FILLED BLOCKS $f'_m = 2000$ PSI MIN.



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date: 12-01-16

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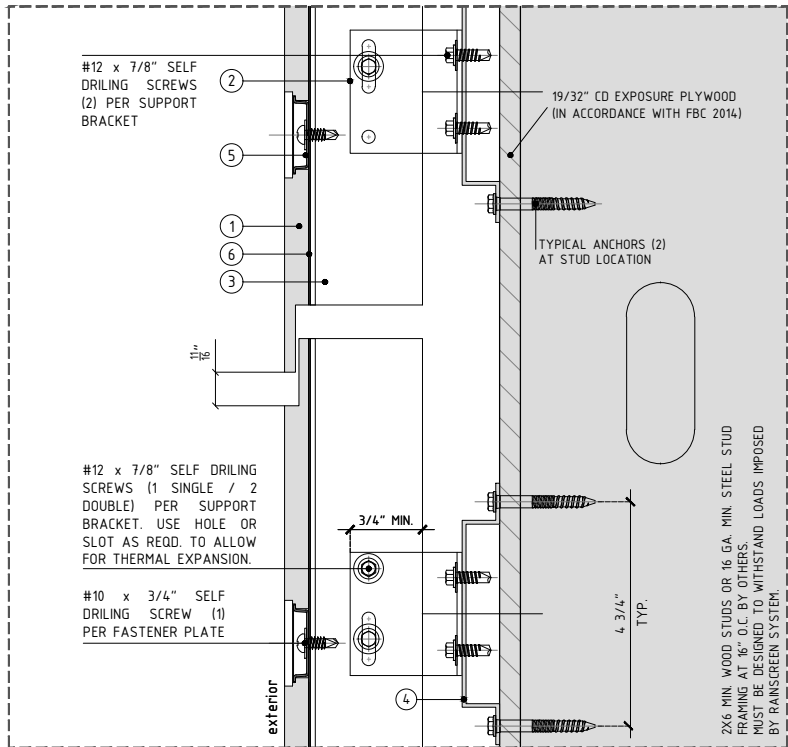
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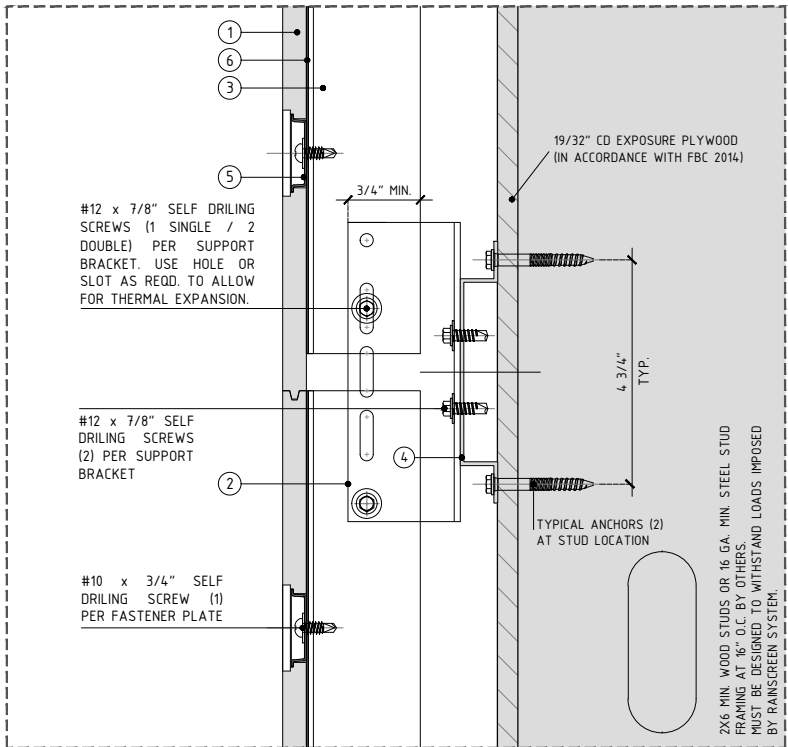
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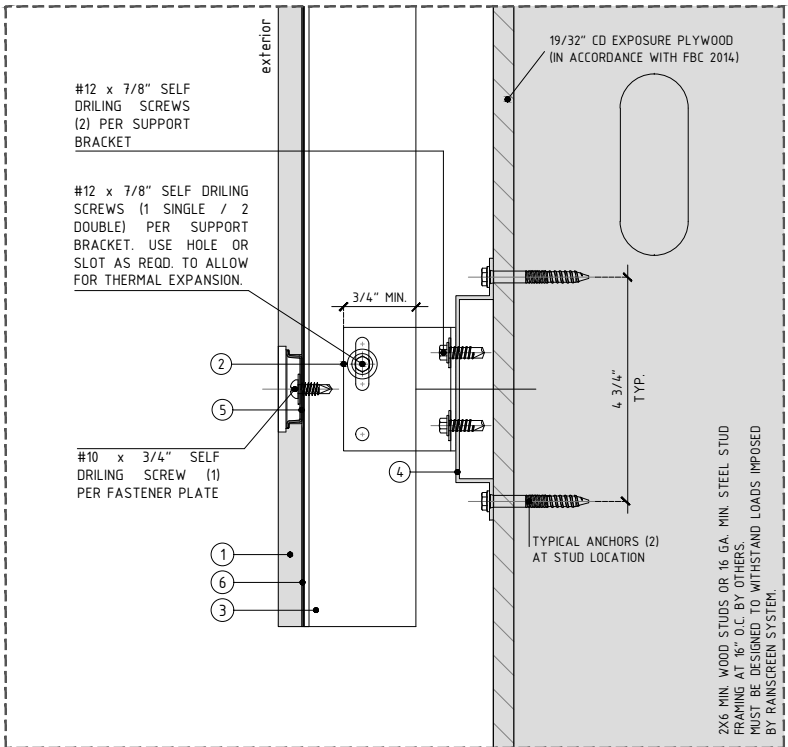
INSTALLATIONS AT STEEL/WOOD STUD FRAMING SYSTEM



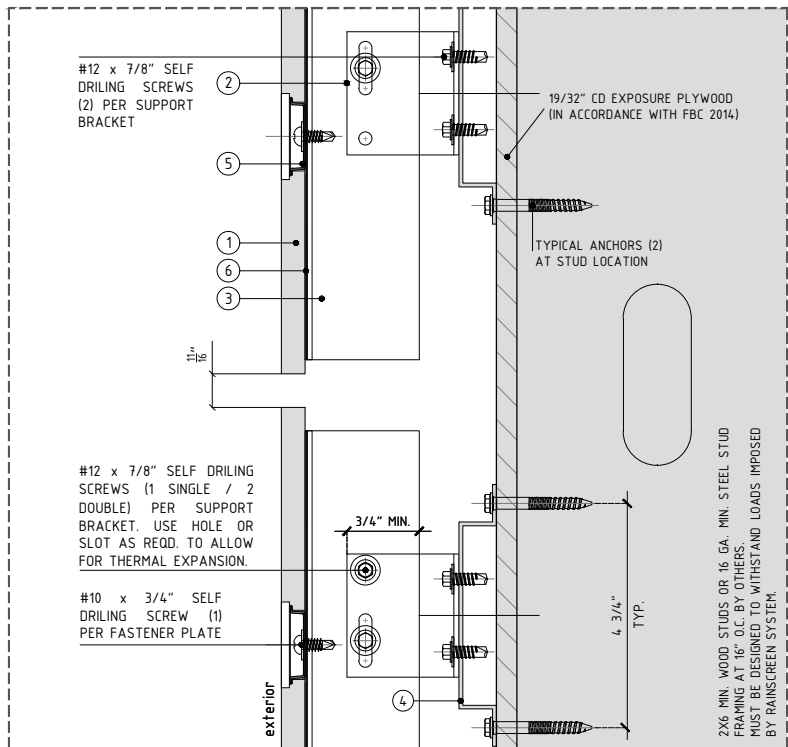
DETAIL A - TYPICAL VERTICAL DETAIL @ RABBIT JOINT



DETAIL B - TYPICAL VERTICAL DETAIL @ TONGUE & GROOVE JOINT



DETAIL C - TYPICAL VERTICAL DETAIL @ BOTTOM ENDING



DETAIL D - TYPICAL VERTICAL DETAIL @ OPEN JOINT

LEGEND

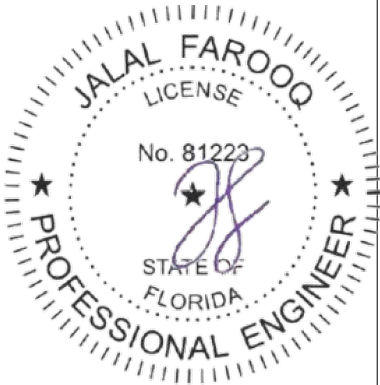
- KRION SOLID SURFACE PANEL
- ALUMINUM SUPPORT BRACKET (SINGLE/DOUBLE)*
- POWDER COATED (BLACK) ALUMINUM T-PROFILE, 100x60x2.7MM (3¹⁵/₁₆"x2³/₈"x¹/₈"), 3M (118¹/₈") LONG
- ALUMINUM OMEGA PROFILE 20x140MM (3¹³/₁₆"x5¹/₂"); 3M(118¹/₈") LONG
- FASTENER PLATE SECRET FIXED AND SEAMLESS FIXING SYSTEM FROM THE OUTSIDE COMPOSED OF K-FIX 41SS STAINLESS STEEL METAL
- WHITE POLYURETHENE MASTIC-P-404

*NOTE 1
IF A GREATER SIZE SUPPORT BRACKET IS NEEDED IT HAS TO BE CALCULATED BY THE ENGINEER OF RECORD ON A PROJECT BY PROJECT BASIS

TYPICAL ANCHORS:

1/4" DIA. X 2" S-MD53S SS
SELF DRILLING SCREWS WITH WASHER BY `HILTI`
INTO 16 GA. MIN. METAL STUDS
1/2" MIN. EDGE DISTANCE

1/4" DIA. ULTRACON BY "DEWALT" (Fu=164 KSI, Fy=148 KSI)
INTO 2X6 MIN. WOOD STUDS
1-1/4" MIN. PENETRATION INTO WOOD
1" MIN. EDGE DISTANCE
WOOD S.G. = 0.55 MIN.



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chk. by:	

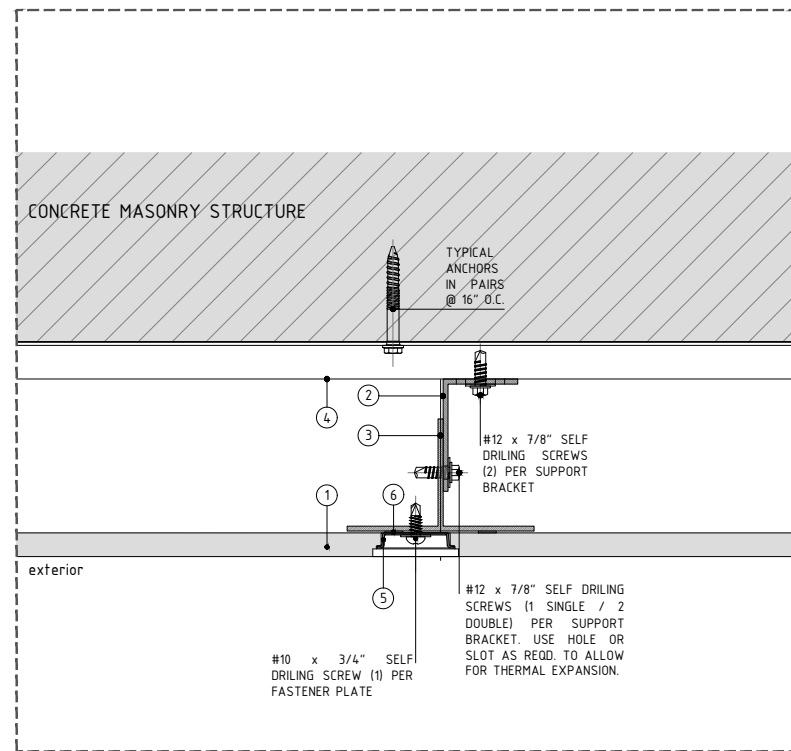
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sheet	7 of 9

KRION® RAINSCREEN FACADE SYSTEM

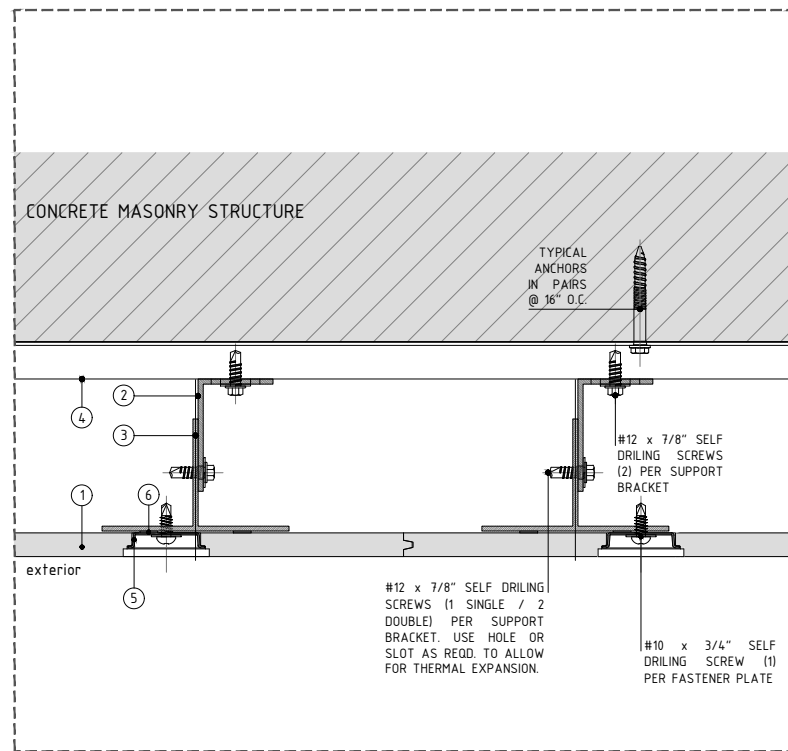
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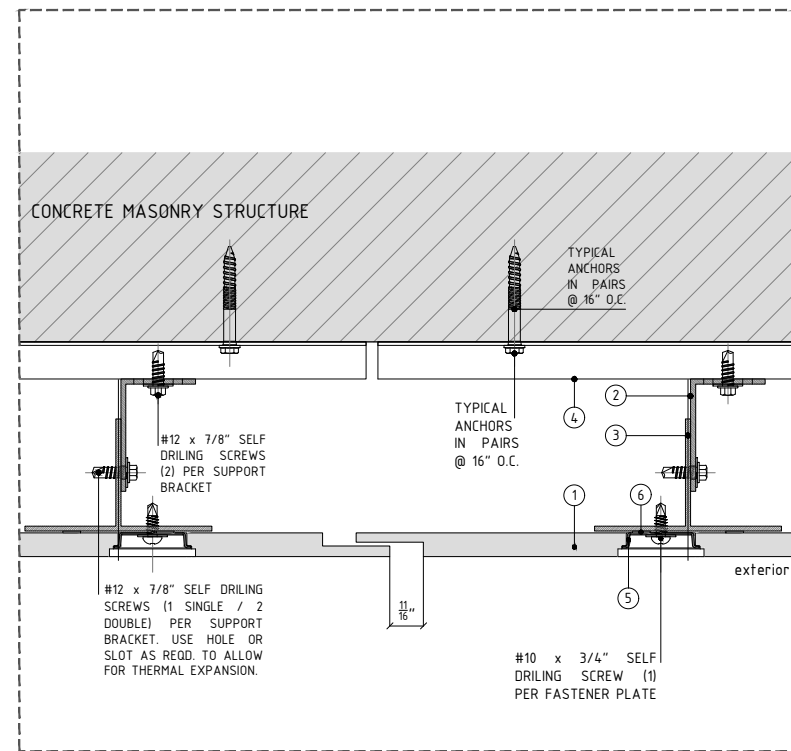
INSTALLATIONS AT MASONRY/CONC STRUCTURES



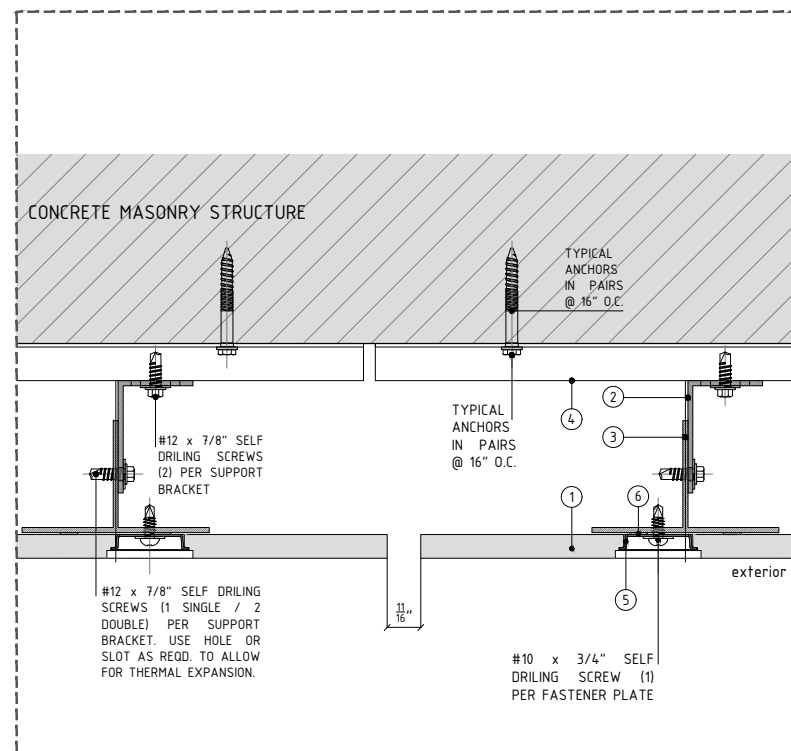
DETAIL A - TYPICAL HORIZONTAL DETAIL



DETAIL B - TYPICAL HORIZONTAL DETAIL @ TONGUE & GROOVE JOINT



DETAIL C - TYPICAL HORIZONTAL DETAIL @ RABBET JOINT



DETAIL D - TYPICAL HORIZONTAL DETAIL @ OPEN JOINT

LEGEND

1. KRION SOLID SURFACE PANEL
2. ALUMINUM SUPPORT BRACKET (SINGLE/DOUBLE)*
3. POWDER COATED (BLACK) ALUMINUM T-PROFILE, 100x60x2.7MM (3¹⁵/₁₆"x2³/₈"x¹/₈"), 3M (118¹/₈") LONG
4. ALUMINUM OMEGA PROFILE 20x140MM (1³/₁₆"x5¹/₂"); 3M(118¹/₈") LONG
5. FASTENER PLATE SECRET FIXED AND SEAMLESS FIXING SYSTEM FROM THE OUTSIDE COMPOSED OF K-FIX 41SS STAINLESS STEEL METAL
6. WHITE POLYURETHENE MASTIC-P-404

* NOTE 1
IF A GREATER SIZE SUPPORT BRACKET IS NEEDED IT HAS TO BE CALCULATED BY THE ENGINEER OF RECORD ON A PROJECT BY PROJECT BASIS

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TYPICAL ANCHORS:

1/4" DIA. ULTRACON BY "DEWALT" (Fu=164 KSI, Fy=148 KSI)

DIRECTLY INTO CONCRETE OR MASONRY
1-1/4" MIN. EMBED INTO CONCRETE OR MASONRY
2-1/2" MIN. EDGE DISTANCE INTO CONCRETE
4" MIN. EDGE DISTANCE INTO MASONRY

CONCRETE f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCKS f'm = 2000 PSI MIN.



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KRION RAINSCREEN FACADE SYSTEM

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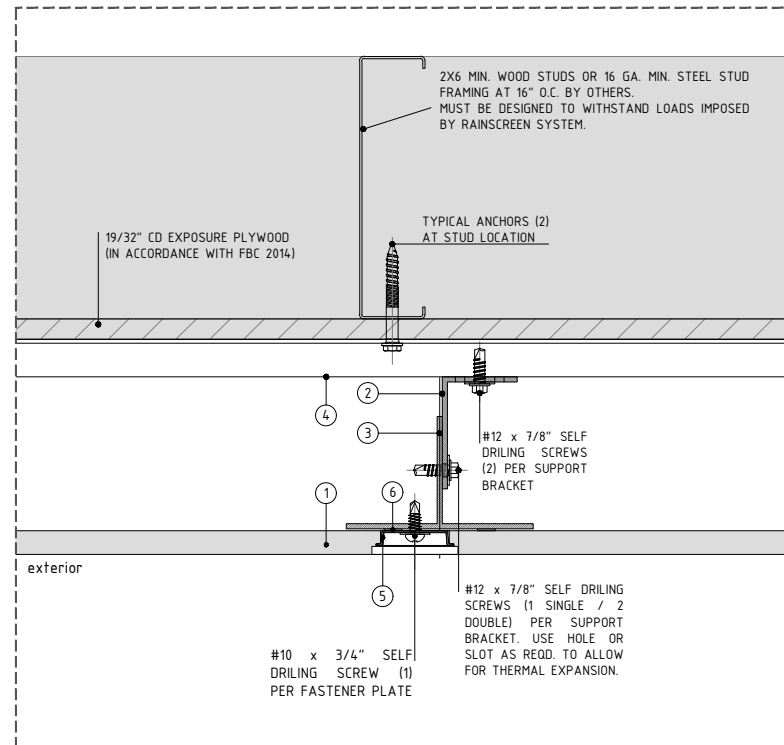
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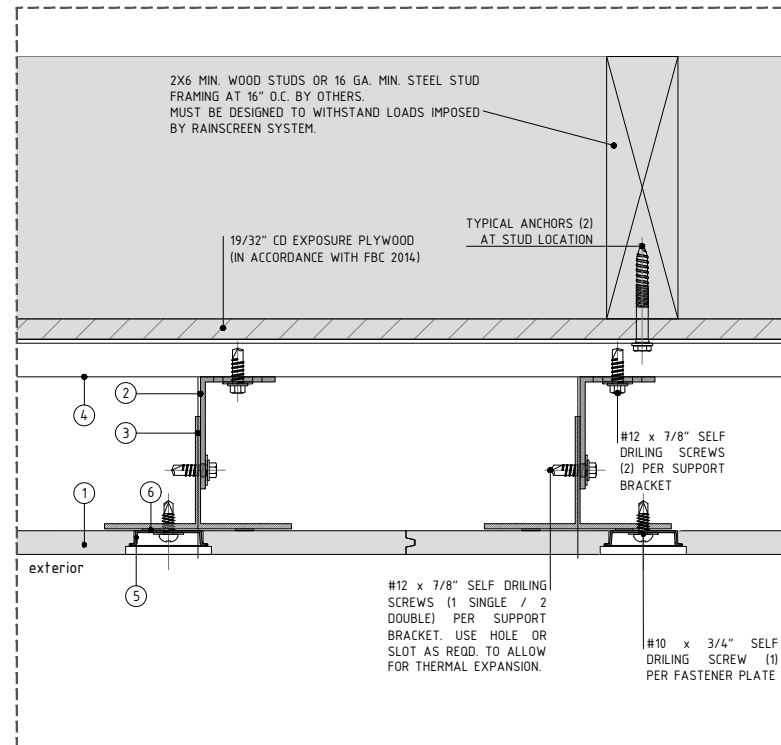
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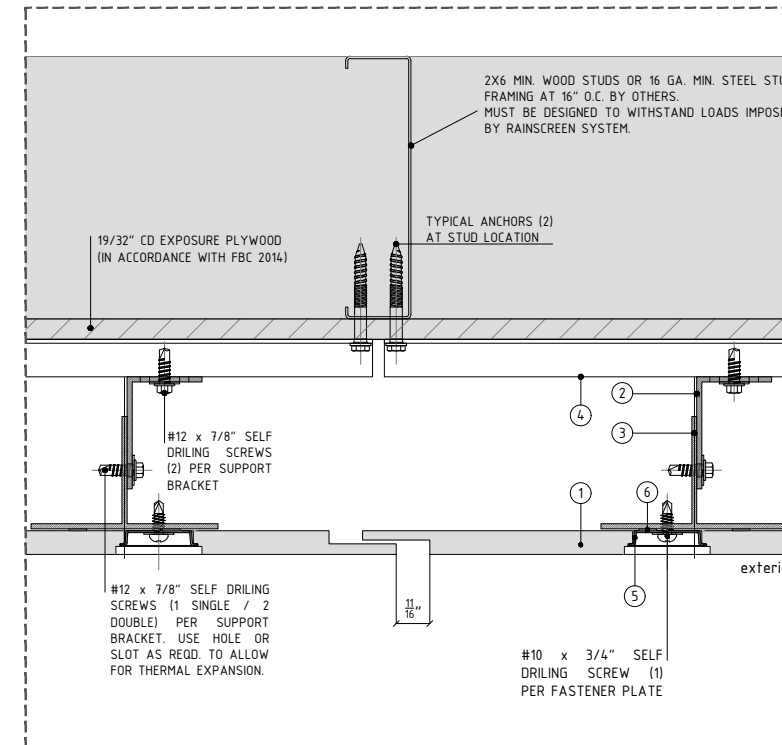
INSTALLATIONS AT STEEL/WOOD STUD FRAMING SYSTEM



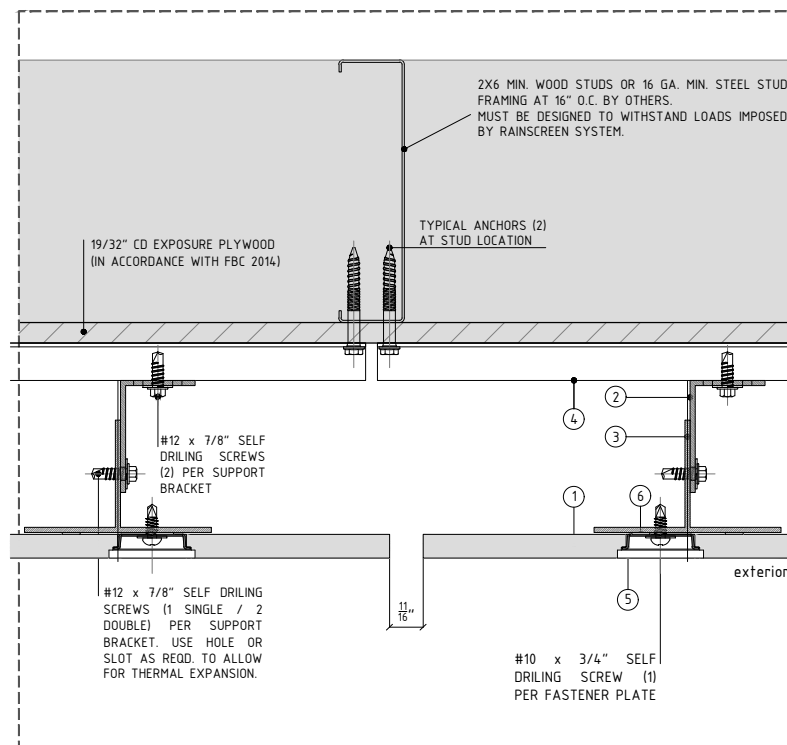
DETAIL A - TYPICAL HORIZONTAL DETAIL



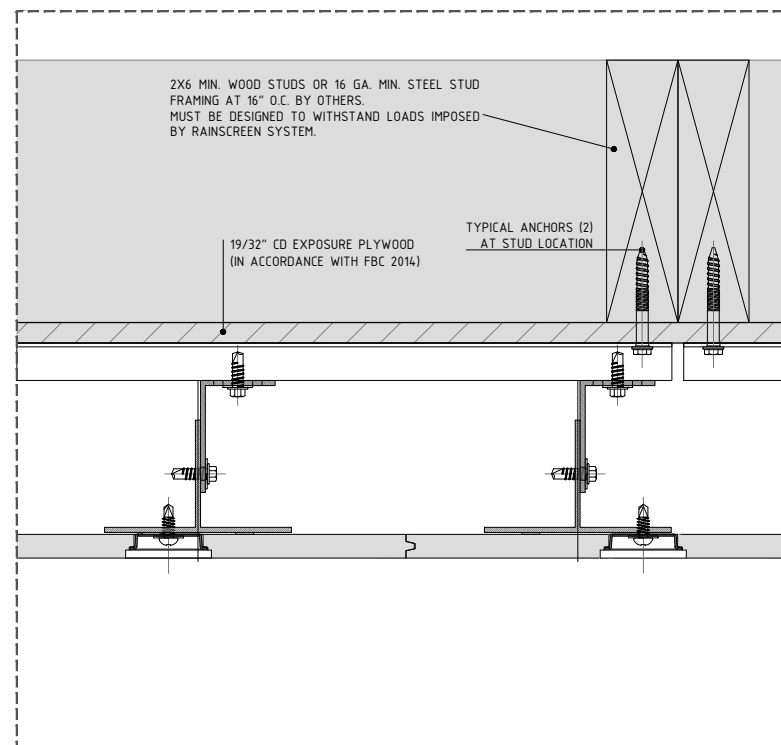
DETAIL B - TYPICAL HORIZONTAL DETAIL @ TONGUE & GROOVE JOINT



DETAIL C - TYPICAL HORIZONTAL DETAIL @ RABBET JOINT



DETAIL D - TYPICAL HORIZONTAL DETAIL @ OPEN JOINT



DETAIL E - TYPICAL HORIZONTAL DETAIL @ TONGUE & GROOVE JOINT

TYPICAL ANCHORS:

1/4" DIA. X 2" S-MD53S SS
SELF DRILLING SCREWS WITH
WASHER BY 'HILTI'

INTO 16 GA. MIN. METAL STUDS
 1/2" MIN. EDGE DISTANCE
 SPACING INTO METAL $\frac{3}{4}$ "

1/4" DIA. ULTRACON BY "DEWALT"
(Fu=164 KSI, Fy=148 KSI)

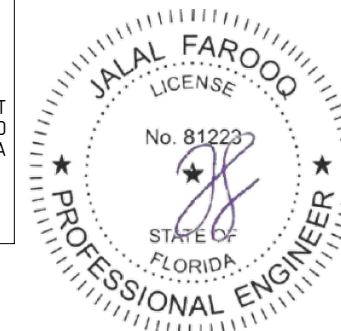
INTO 2X6 MIN. WOOD STUDS
 1-1/4" MIN. PENETRATION INTO WOOD
 1" MIN. EDGE DISTANCE
 WOOD S.G. = 0.55 MIN.

LEGEND

- | | |
|---|---|
| 1. KRION SOLID SURFACE PANEL | 5. FASTENER PLATE SECRET FIXED AND SEAMLESS FIXING SYSTEM FROM THE OUTSIDE COMPOSED OF K-FIX 41SS STAINLESS STEEL METAL |
| 2. ALUMINUM SUPPORT BRACKET (SINGLE/DOUBLE)* | |
| 3. POWDER COATED (BLACK) ALUMINUM T-PROFILE, 100x60x2.7MM
($3\frac{5}{8}" \times 2\frac{3}{8}" \times \frac{3}{8}"$),
3M (118 $\frac{1}{8}"$) LONG | 6. WHITE POLYURETHENE MASTIC-P-404 |
| 4. ALUMINUM OMEGA PROFILE
20x140MM ($\frac{13}{16}" \times 5\frac{1}{2}"$); 3M(118 $\frac{1}{8}"$) LONG | * NOTE 1
IF A GREATER SIZE SUPPORT BRACKET IS NEEDED IT HAS TO BE CALCULATED BY THE ENGINEER OF RECORD ON A PROJECT BY PROJECT BASIS |

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KRION® RAINSCREEN FACADE SYSTEM

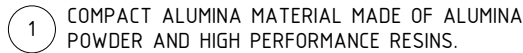
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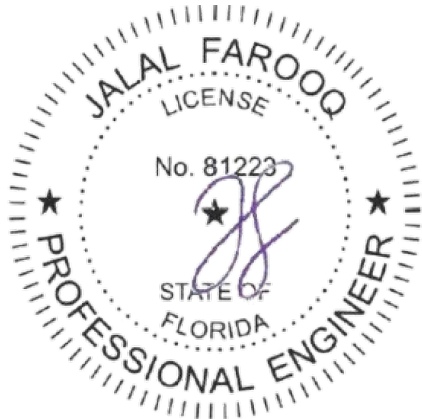
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sheet 8 of 9			



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