

THESIZE SURFACES SL

NEOLITH STRONGFIX PANEL SYSTEM

(NON-HVHZ)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E330-14
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X WOOD FRAMING SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT FOR SPECIFIC SITE AREAS.
5. ALUMINUM SIDING MEETS THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE CHAPTER 14. APPLICATION OF ALUMINUM SIDING SHALL MEET CHAPTER 14 OF THE CURRENT FLORIDA BUILDING CODE.
6. SYSTEM MATERIAL SPECIFICATIONS:
 - SIDING MATERIAL: 6063-T5
 - PANEL MATERIAL: SINTERED COMPOSITE STONE
7. INSTALLATION OF SIDING ACCESSORIES SUCH AS CORNERS, STARTER STRIPS, TRIMS AROUND OPENINGS SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE MANUFACTURER'S INSTRUCTIONS.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 3, 4, AND 5.
2. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
3. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
4. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
5. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
6. 16" MAXIMUM O.C. STUD SPACING WHEN INSTALLING INTO STUDS (WOOD/METAL) WITH 5/8" MIN. THICKNESS SHEATHING FOR IMPACT EXEMPTION.

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DESIGN RATING			
PANEL OVERALL SIZE		DESIGN PRESSURE	MISSILE IMPACT RATING
MAX. WIDTH	MAX. HEIGHT		
9' 10-1/8"	4' 11-1/16"	+42/-55 PSF	N/A



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TITLE: NEOLITH STRONGFIX
PANEL SYSTEM
(NON-HVHZ)

GENERAL AND INSTALLATION NOTES

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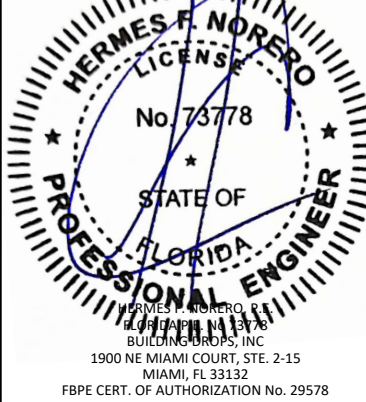
BUILDING DROPS, INC.

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Reason: I am approving this document
Date: 2024.12.03 11:17:51 AM -05'00'



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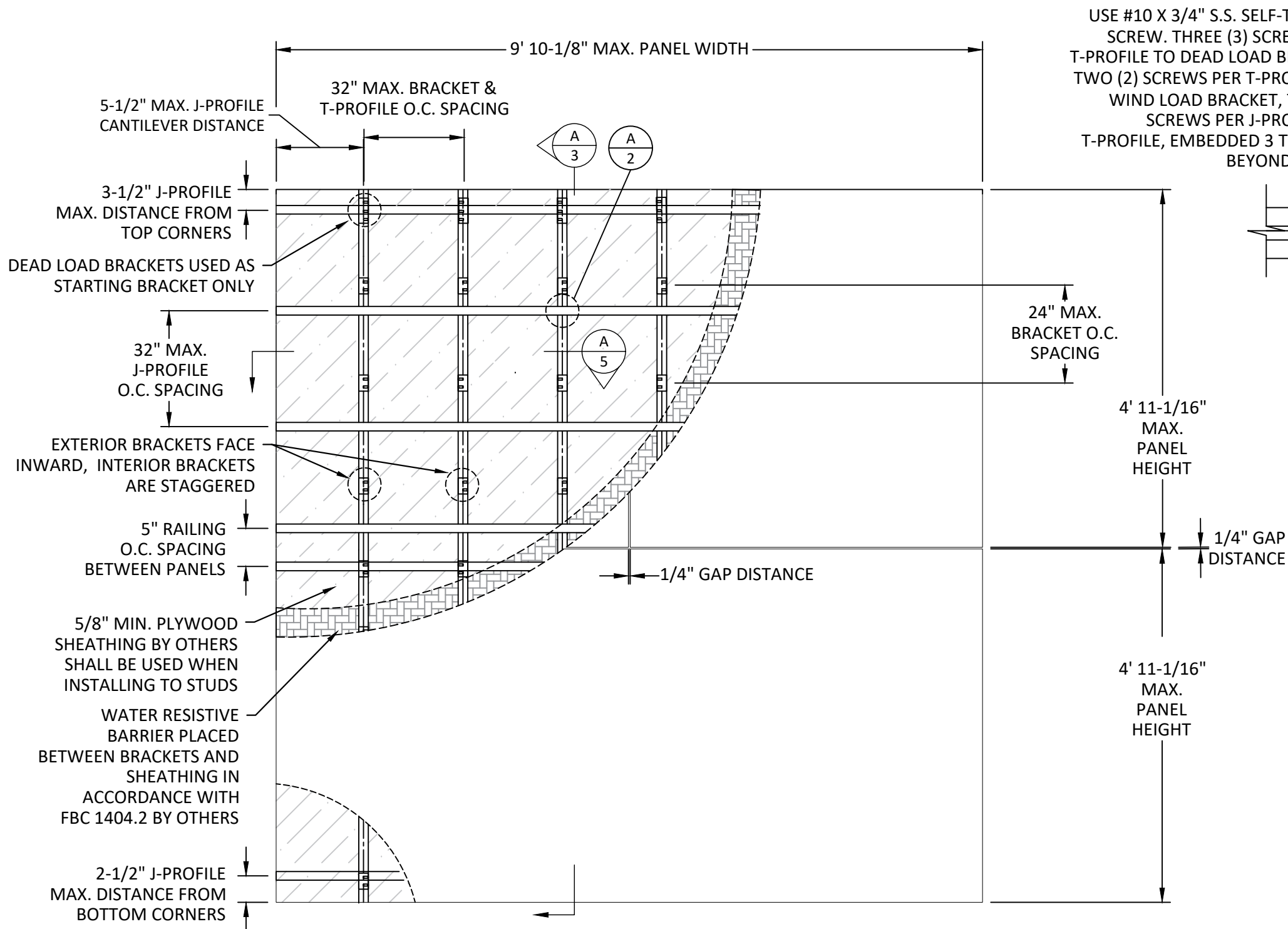
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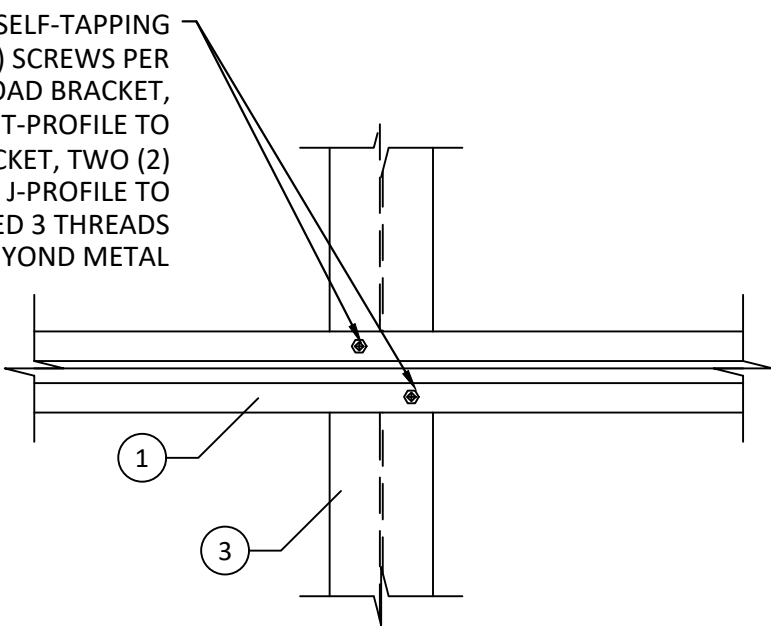
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ELEVATION

USE #10 X 3/4" S.S. SELF-TAPPING SCREW. THREE (3) SCREWS PER T-PROFILE TO DEAD LOAD BRACKET, TWO (2) SCREWS PER T-PROFILE TO WIND LOAD BRACKET, TWO (2) SCREWS PER J-PROFILE TO T-PROFILE, EMBEDDED 3 THREADS BEYOND METAL



A 2 FRONT VIEW DETAIL
CROSS-SECTION OF T AND J PROFILES

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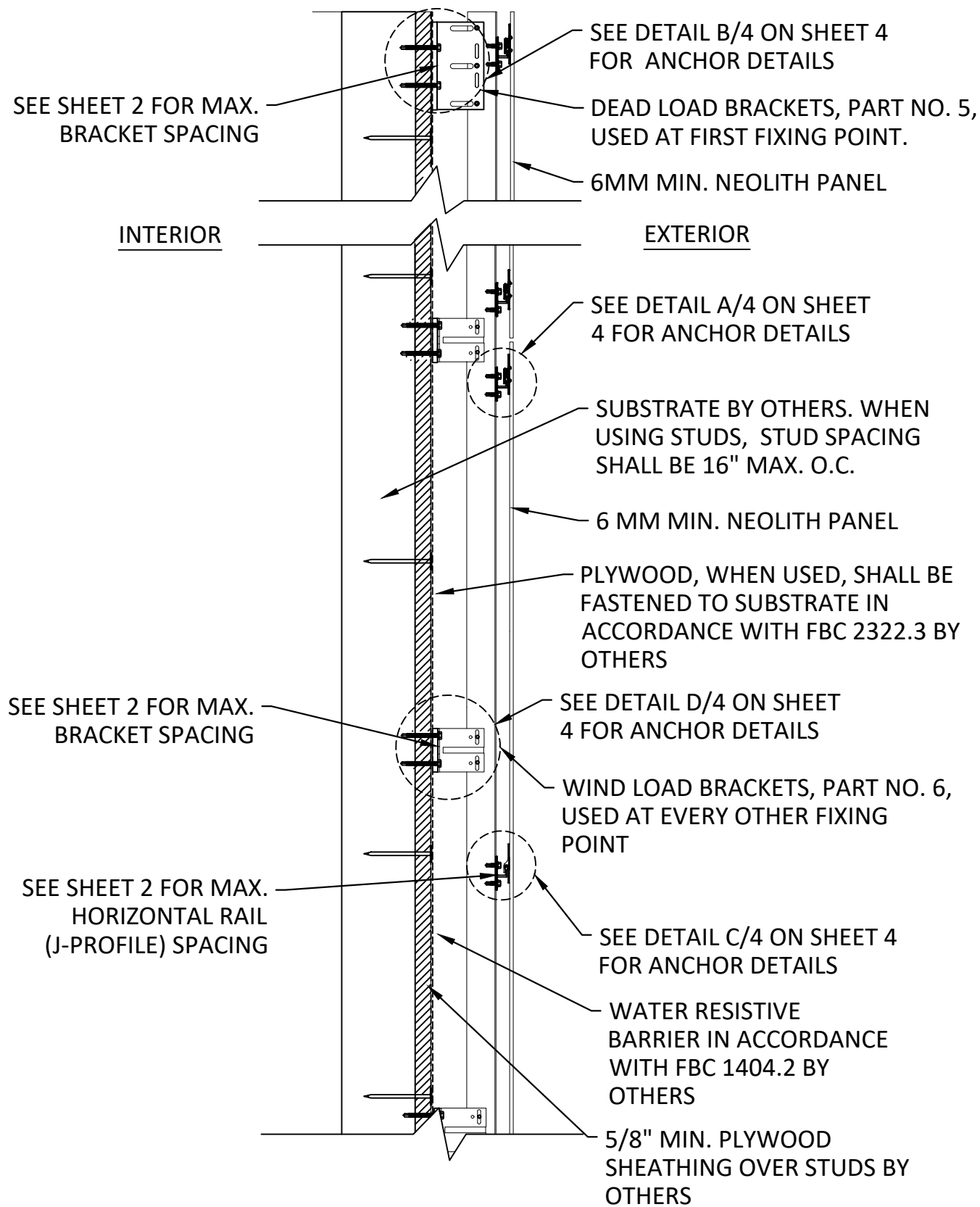
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A
3

VERTICAL DETAIL

STROGNFIX SYSTEM

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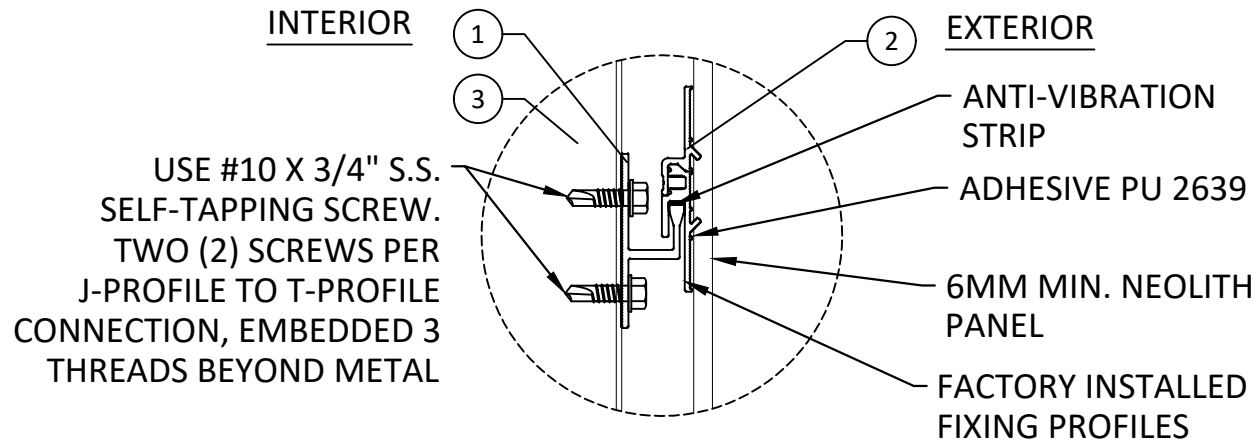
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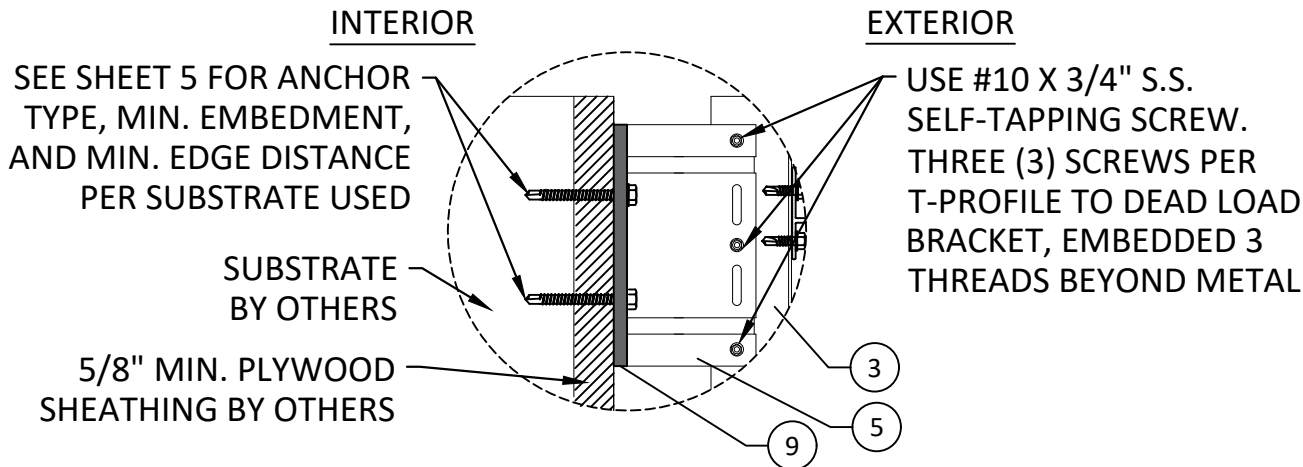


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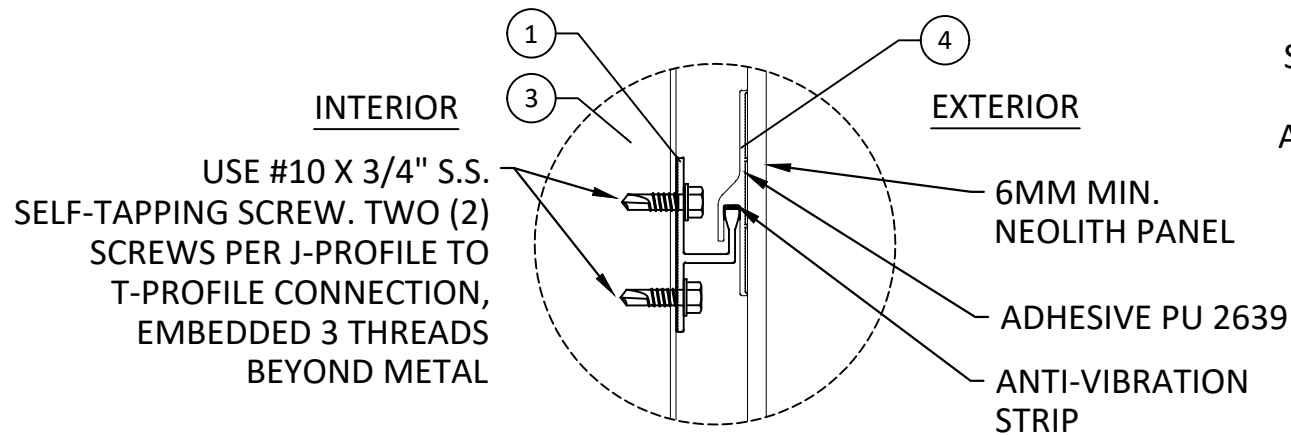
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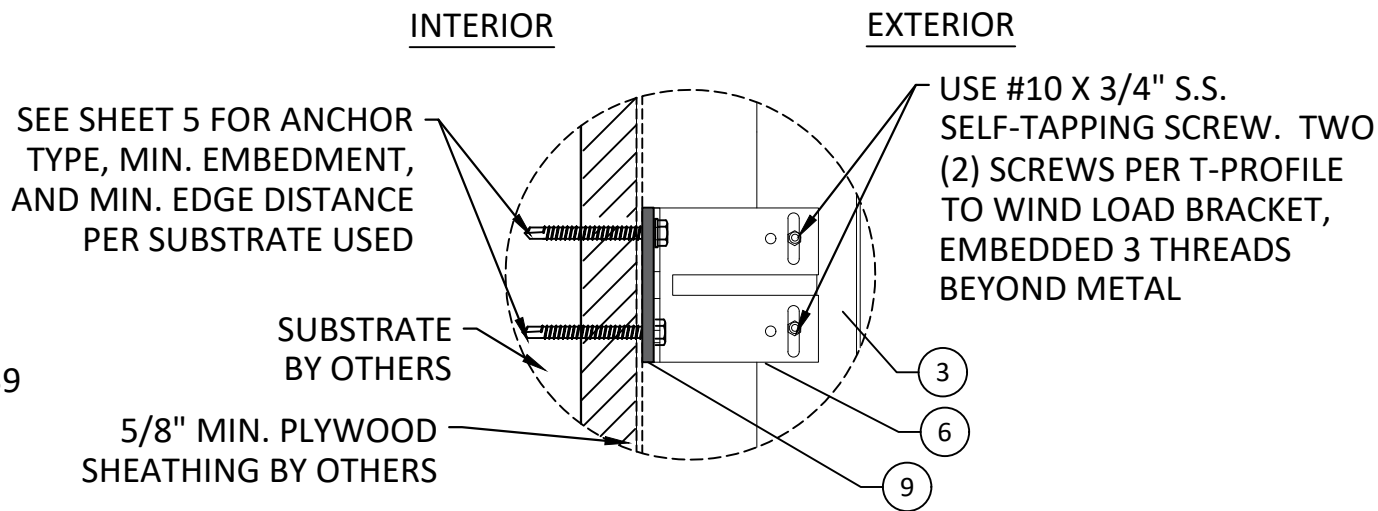
A
4 **VERTICAL DETAIL**
J-PROFILE TO T-PROFILE ANCHOR INST.
TOP AND BOTTOM RAILS



B
4 **VERTICAL DETAIL**
TYP. DEAD LOAD BRACKET INST.



C
4 **VERTICAL DETAIL**
J-PROFILE TO T-PROFILE ANCHOR INST.
MIDDLE RAILS



D
4 **VERTICAL DETAIL**
TYP. WIND LOAD BRACKET INST.

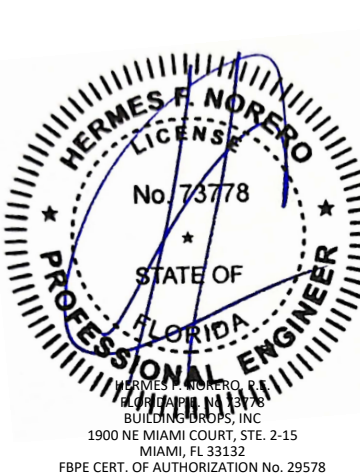
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VERTICAL SECTIONS

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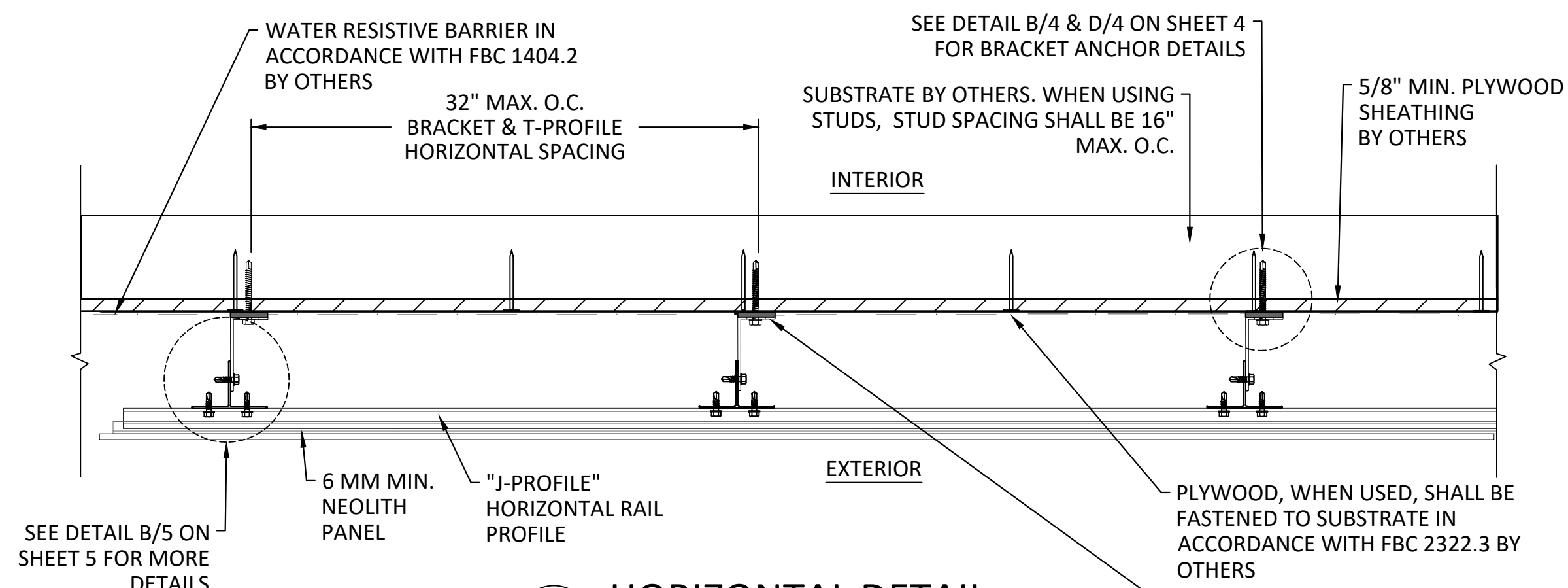
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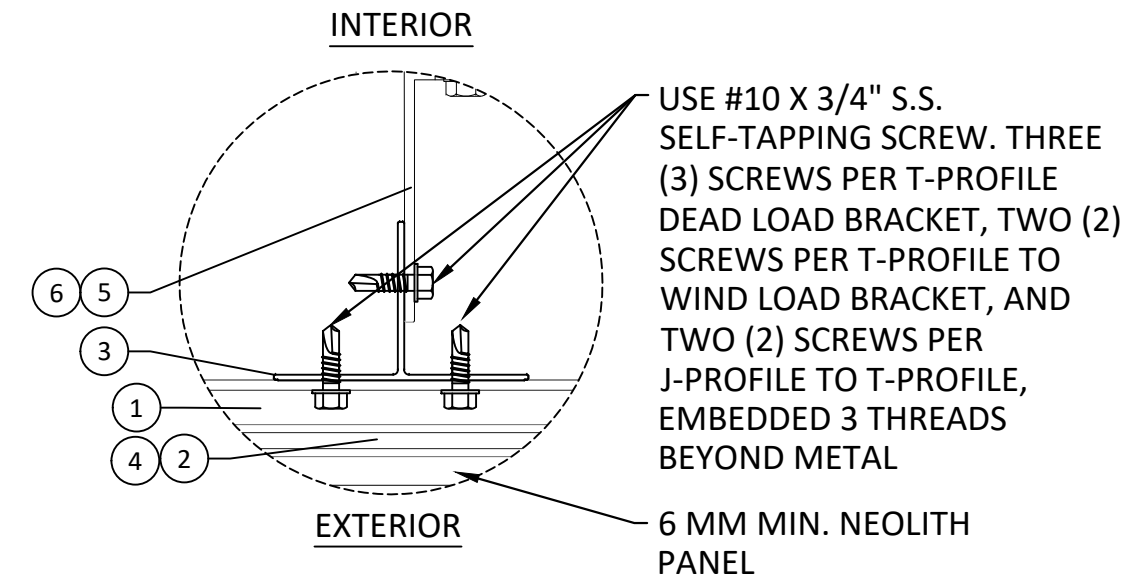
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A
5 **HORIZONTAL DETAIL**
STROGNFIX SYSTEM



B
5 **HORIZONTAL DETAIL**
TYP. T-PROFILE TO BRACKET INST.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYP.	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 X 1-3/4" S.S. WOOD SCREW W/ WASHER	1.5"	0.75"
	MIN. 18 GA. STEEL (33KSI)/ ALUMINUM 1/8" MIN. THK. 6063-T5	#10 X 1-3/4" S.S. SELF-TAPPING SCREW	3 THREADS BEYOND METAL	0.5"
	CONCRETE: f'c = 3000 PSI	3/16" DEWALT ULTRACON+	2.5"	2.5"
	MASONRY : CMU PER ASTM-C90, MIN. 2000 PSI		1.125"	2.5"
THROUGH FRAME (PROFILE TO PROFILE)	MIN. 18 GA. STEEL (33KSI)/ ALUMINUM 1/8" MIN. THK. 6063-T5	#10 X 3/4" S.S. SELF-TAPPING SCREW	3 THREADS BEYOND METAL	0.5"

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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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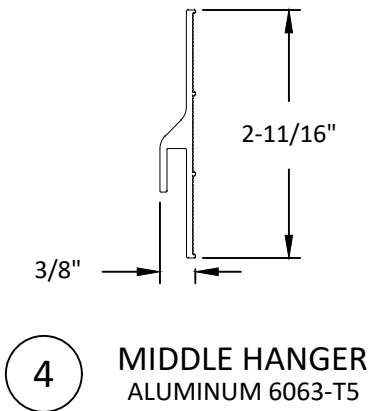
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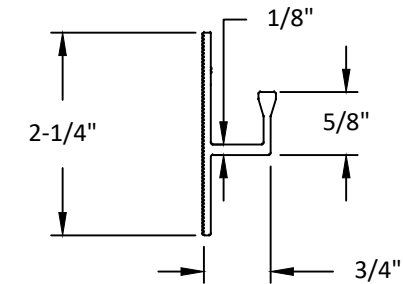
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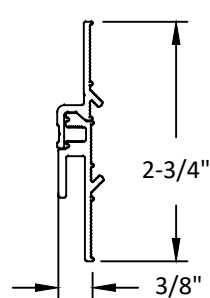
STRONGFIX SYSTEM - BILL OF MATERIALS		
NO.	PART DESCRIPTION	MATERIAL
1	J-PROFILE	ALUMINUM 6063-T5
2	HANGER & CLOSURE	ALUMINUM 6063-T5
3	T-PROFILE	ALUMINUM 6063-T5
4	MIDDLE HANGER	ALUMINUM 6063-T5
5	DEAD LOAD BRACKET	ALUMINUM 6063-T5
6	WIND LOAD BRACKET	ALUMINUM 6063-T5
7	ANTI-VIBRATION STRIP	RUBBER
8	ADHESIVE PU 2639	POLYURETHANE
9	THERMOPAD	PVC



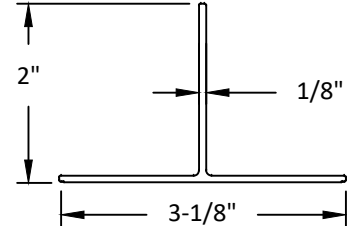
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ALUMINUM 6063-T5



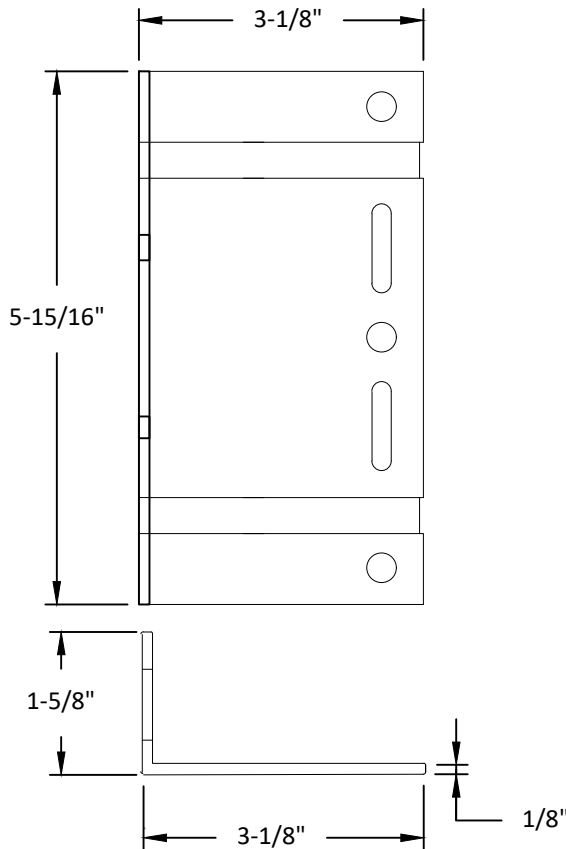
1 J-PROFILE
ALUMINUM 6063-T5



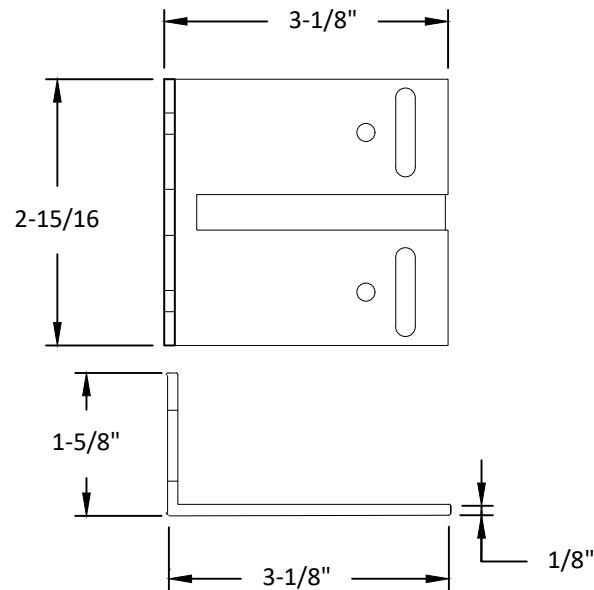
2 HANGER & CLOSER
ALUMINUM 6063-T5



3 T-PROFILE
ALUMINUM 6063-T5



5 DEAD LOAD BRACKET
ALUMINUM 6063-T5



6 WIND LOAD BRACKET
ALUMINUM 6063-T5

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BILL OF MATERIALS AND
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