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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
7. FOR INSTALLATION THROUGH METAL FRAME USE #10 SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
8. FOR INSTALLATION THROUGH ALUMINUM MULLION USE #10 SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND ALUMINUM FRAME SUBSTRATE.
9. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 10.INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 11.FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 12.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.
- 13.INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.

E. ALUMINUM - MINIMUM 1/16 INCH THICK 6063-T5 ALUMINUM.

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:

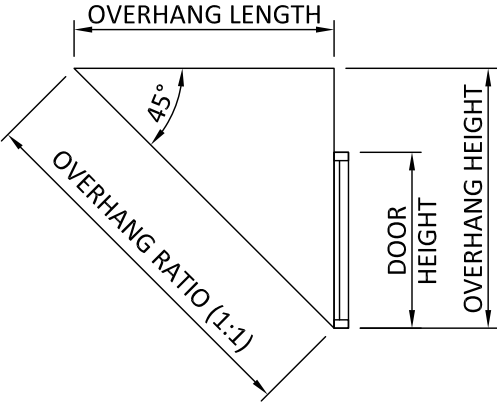
• ASTM E283-04(12)

• ASTM E330-14
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING AND METAL STUD 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 BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: ALUMINUM 6063-T5
7. ALL STRUCTURAL MATERIALS & DISSIMILIAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
8. DOOR CONFIGURATIONS MAY UTILIZE BUTT HINGES AS DESCRIBED HEREIN OR OFFSET PIVOTS INTERCHANGEABLY.
9. ALLOWABLE CONFIGURATIONS: X (SINGLE DOOR).

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2	ELEVATION, ANCHOR LAYOUTS & SCHEDULE
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4	HORIZONTAL SECTIONS
5	COMPONENTS & BILL OF MATERIALS

UNIT DIMENSIONS		
DESIGN PRESSURE	MAXIMUM SIZE	MISSILE IMPACT RATING
+75 / -50 PSF	39.5" X 85.75"	NOT RATED

NOTE: PRODUCT HAS NOT BEEN RATED FOR WATER INFILTRATION. IF AUTHORITY HAVING JURISDICTION REQUIRES THAT PRODUCT MEETS THIS REQUIREMENT, PRODUCT SHALL BE USED WHEN INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT IS ≥1.0



YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YFD 25 FLUSH DOOR
(NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES



PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero
Reason: I am approving this document
Date: 2020.07.24.15:35:34 -0400

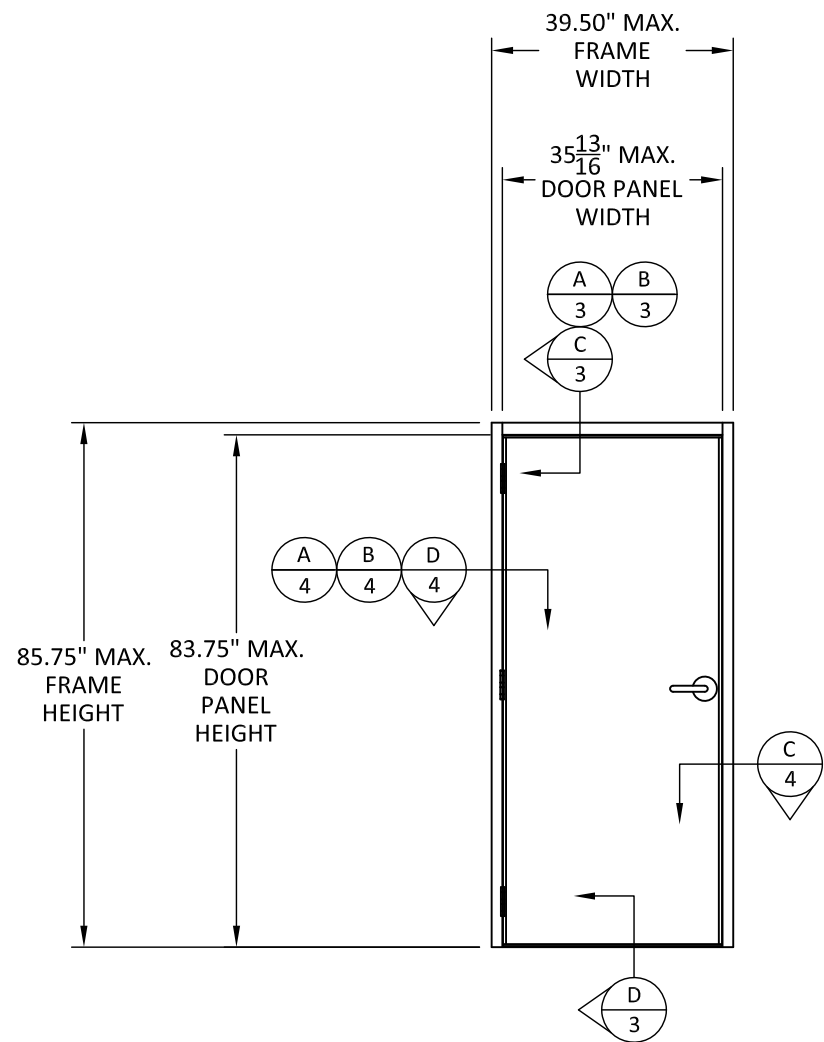


HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

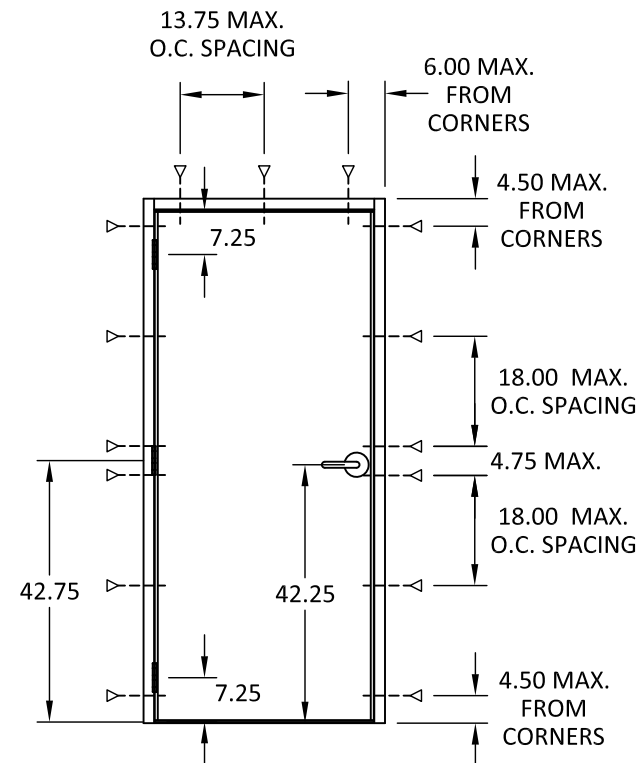
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TYPICAL ELEVATION
OUTSWING DOOR



ANCHOR LAYOUT
THROUGH FRAME
OUTSWING DOOR

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR	MIN. ENBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	MIN S.G = 0.55 WOOD	#10 WOOD SCREW	1.5"	0.75"
	18 GAUGE STEEL, MIN f'Y = 33KSI	#10 TEK SCREW	3 THREADS PENETRATION BEYOND METAL	0.75"
	f'c = 3000 psi	3/16" ITW TAPCON	1.25"	2.5"
	CMU per ASTM C90	3/16" ITW TAPCON	1.25"	2.5"



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ELEVATION, ANCHOR LAYOUTS
& SCHEDULE

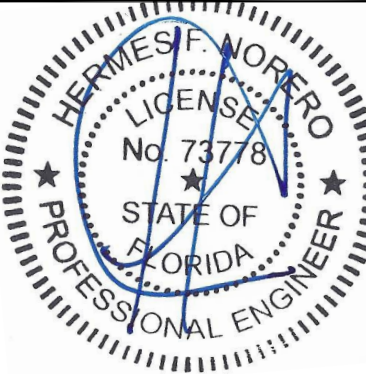
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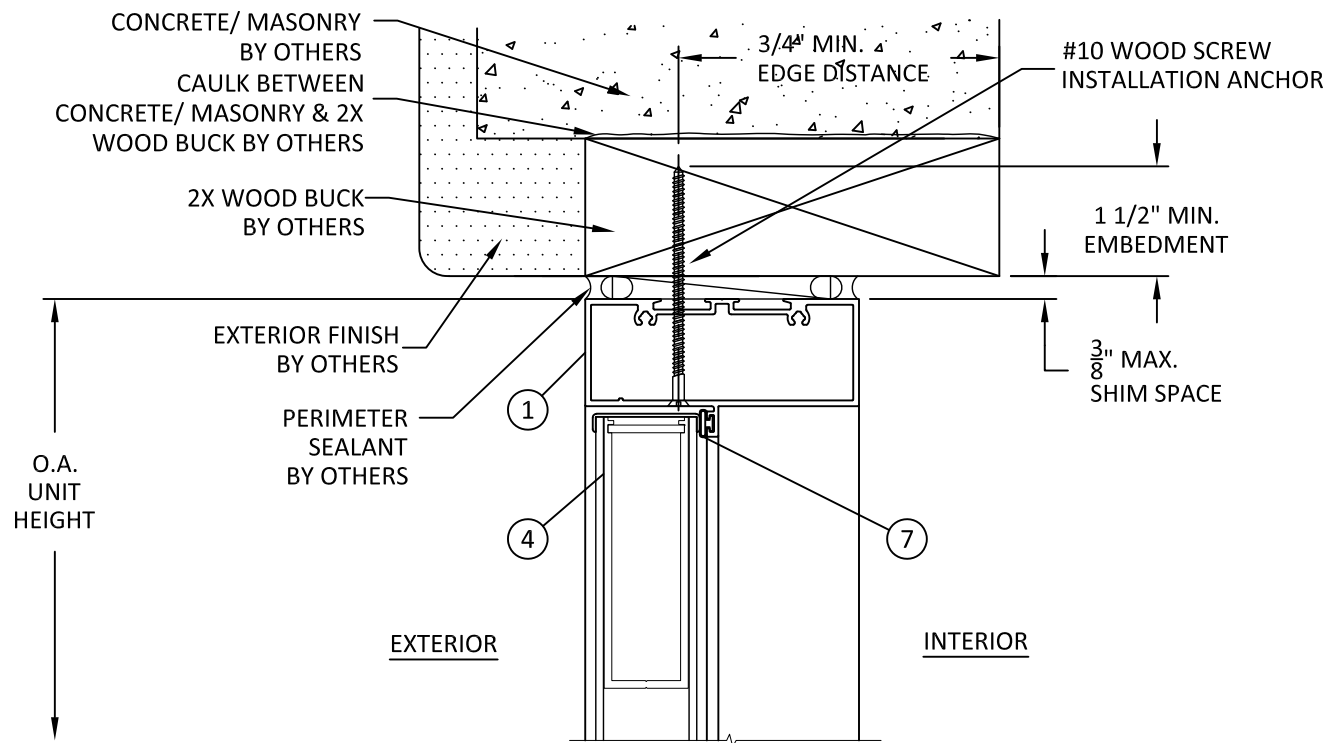
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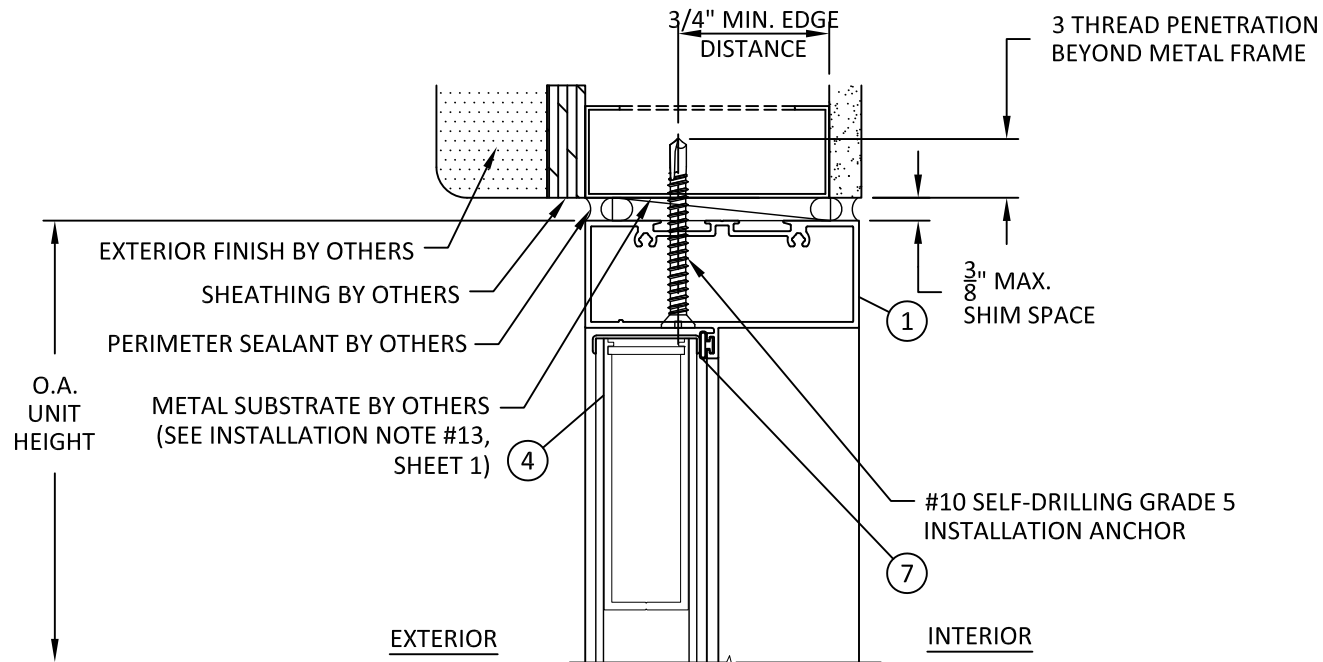
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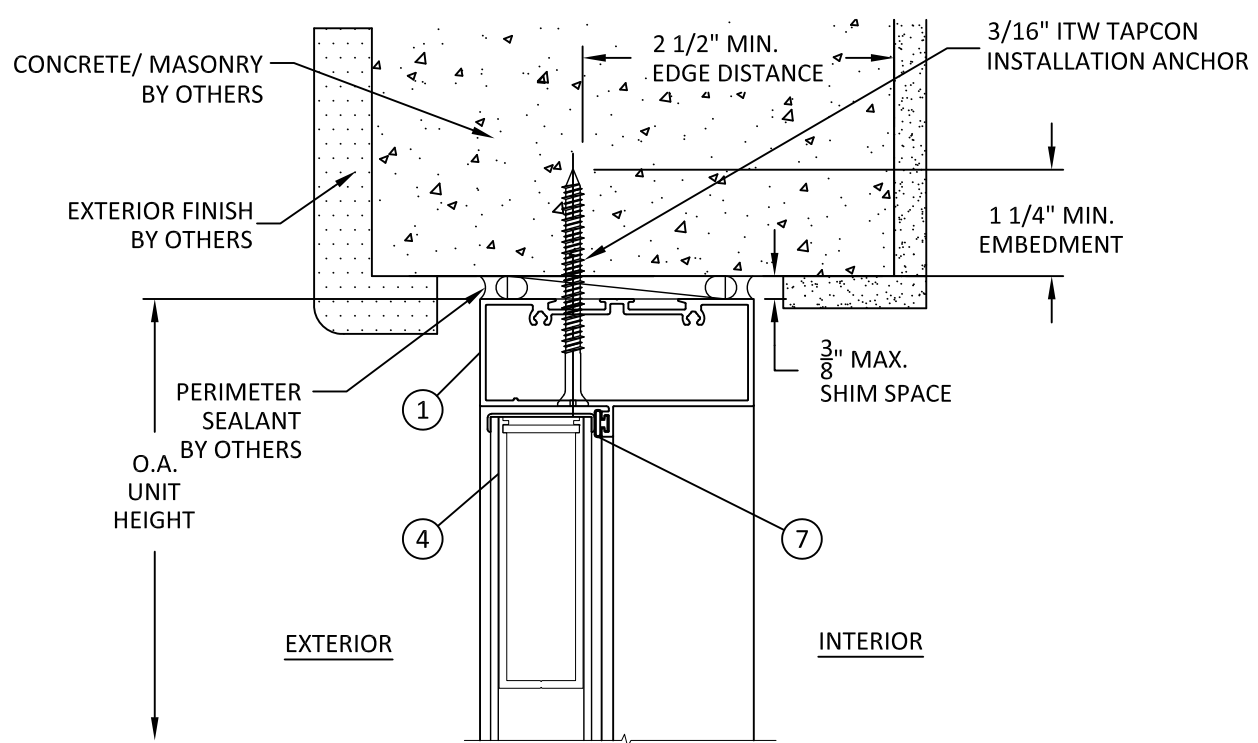
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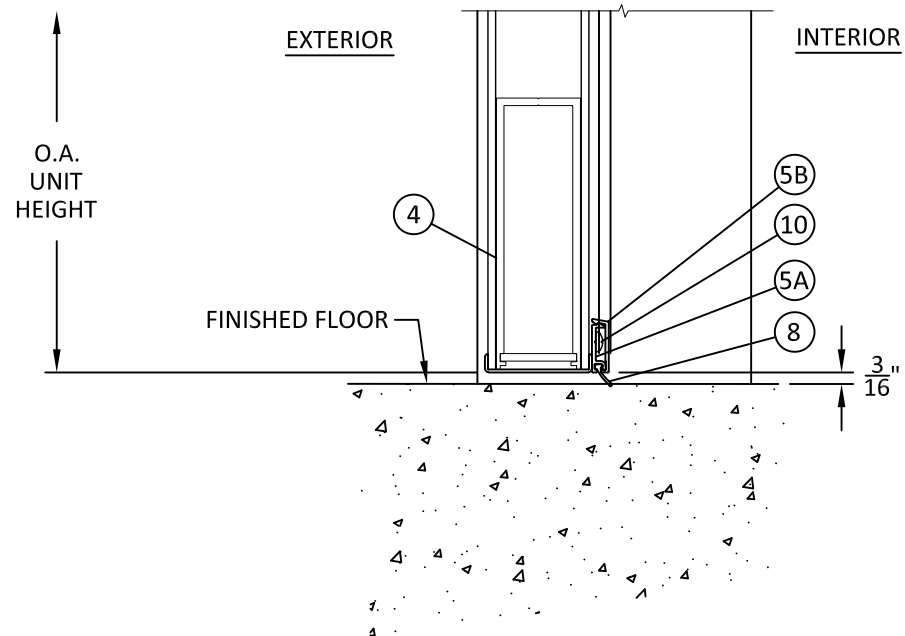
A
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
THROUGH FRAME



C
3 **VERTICAL SECTION**
HEAD - STEEL STUD/ALUMINUM MULLION
THROUGH FRAME



B
3 **VERTICAL SECTION**
HEAD - CONCRETE/MASONRY
THROUGH FRAME



D
3 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
NO ANCHOR



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VERTICAL SECTIONS

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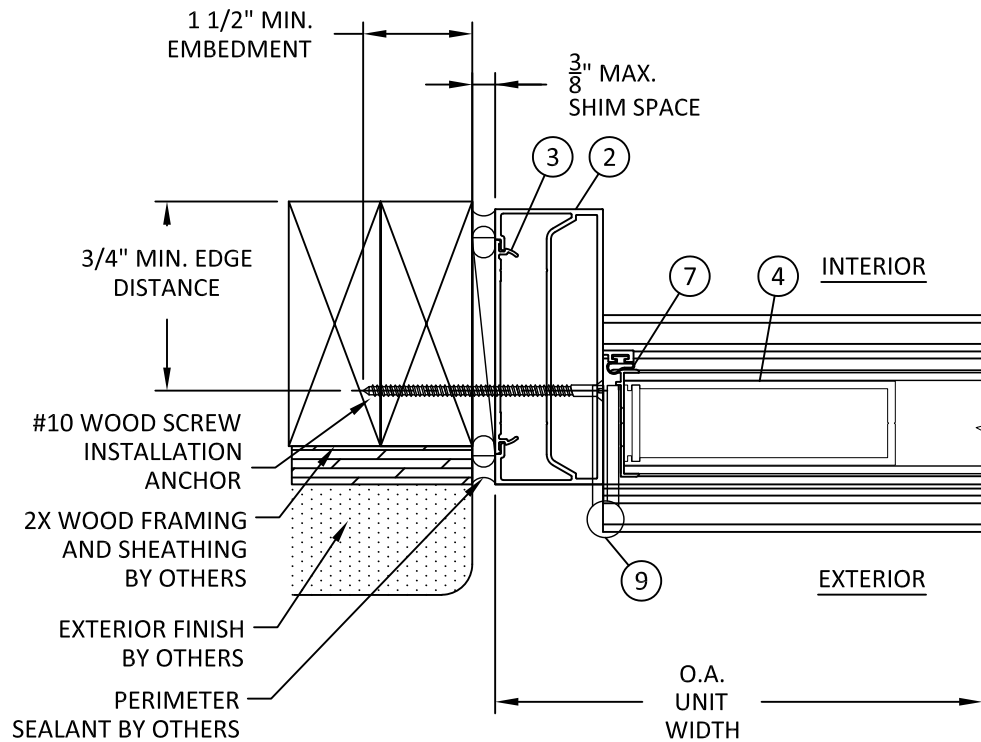
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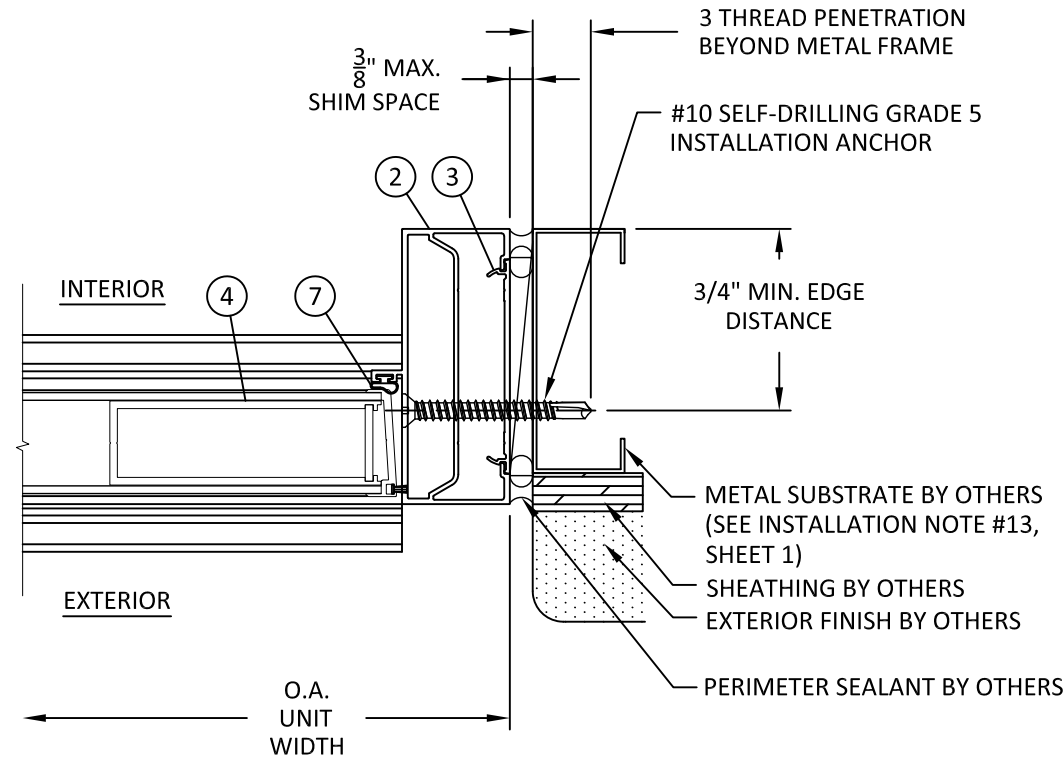
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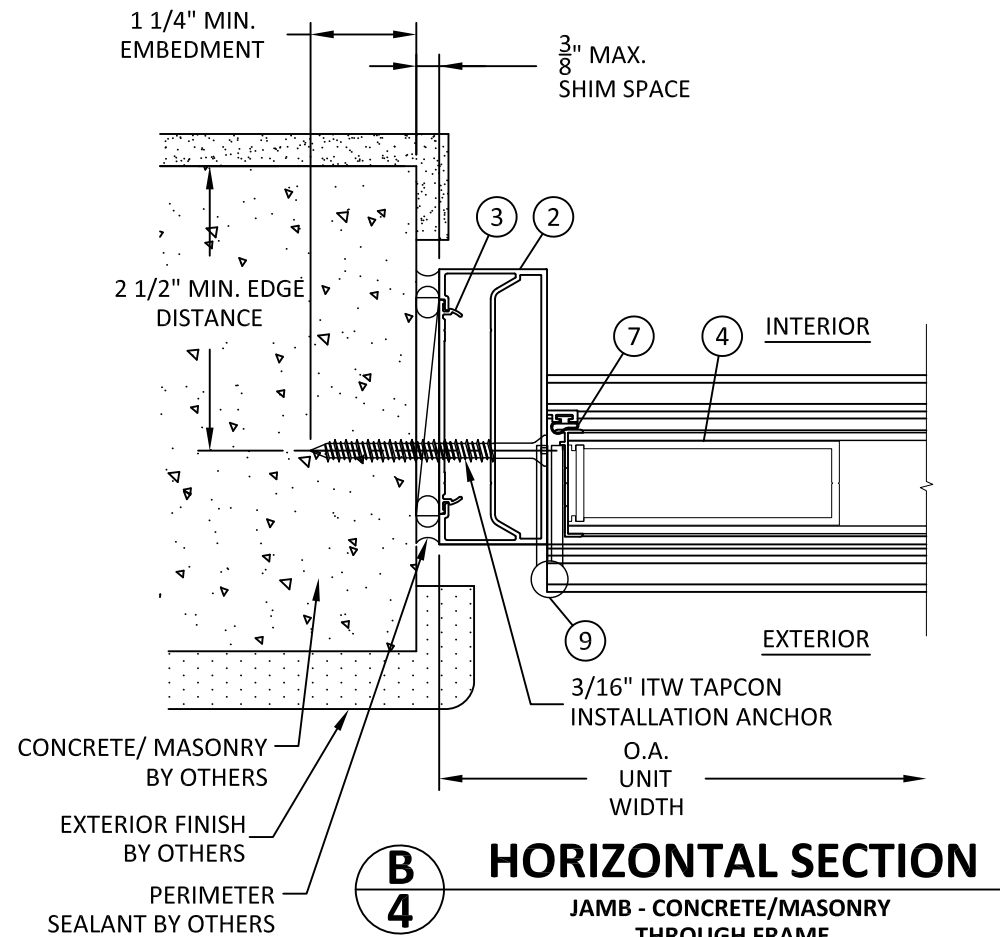
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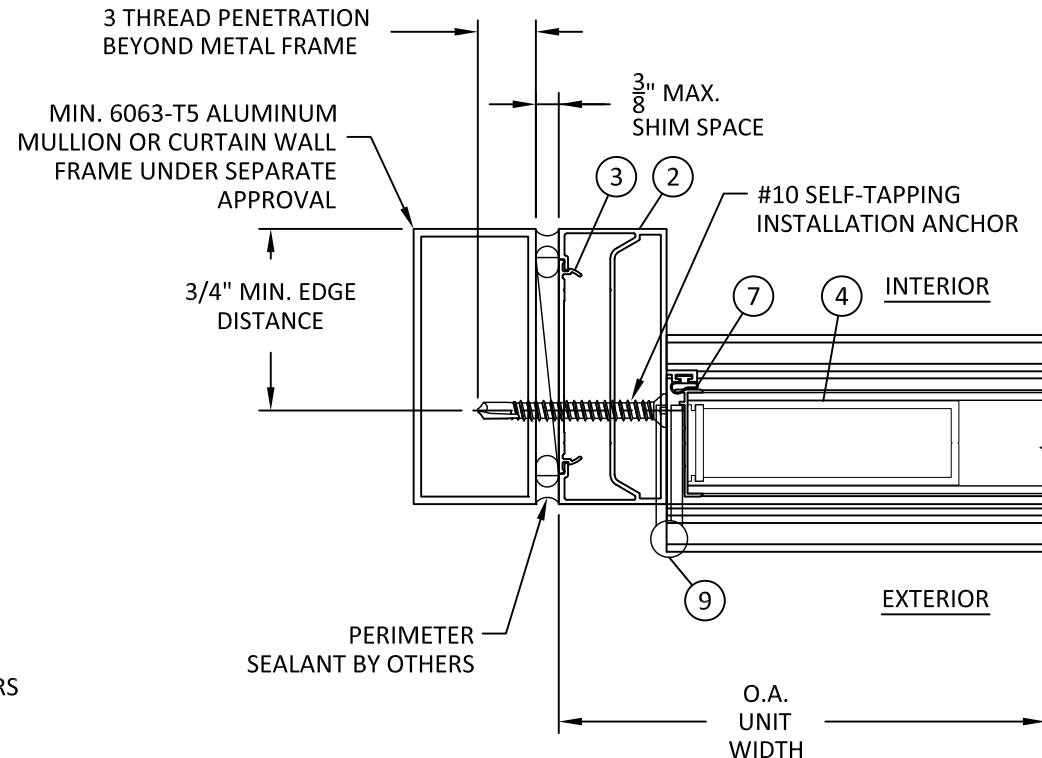
A
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD FRAMING
THROUGH FRAME



C
4 **HORIZONTAL SECTION**
JAMB - STEEL STUD
THROUGH FRAME



B
4 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
THROUGH FRAME



D
4 **HORIZONTAL SECTION**
JAMB - ALUMINUM MULLION
THROUGH FRAME



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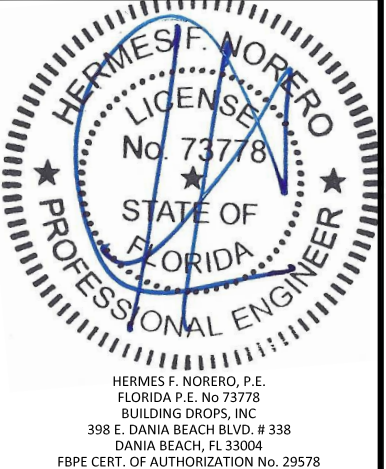
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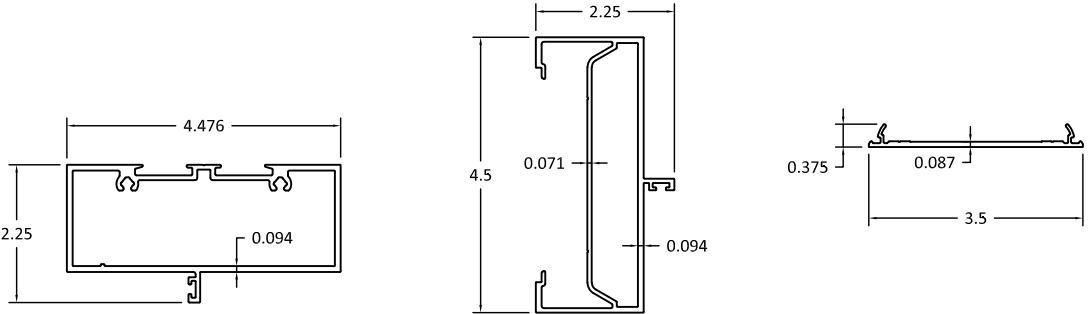
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BILL OF MATERIALS				
ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	E9-0402	SA DOOR HEAD	6063-T5	YKK AMERICA
2	E9-0421	SA DOOR JAMB	6063-T5	YKK AMERICA
3	E1-1054	FLAT FILLER	6063-T5	YKK AMERICA
4	-	FLUSH DOOR PANEL	6063-T5	CLINE DOOR
5A	E9-0347	DOOR SWEEP BASE	-	YKK AMERICA
5B	E9-0348	DOOR SWEEP COVER		
7	E2-0051	AIRTIGHT GASKET	6063-T5	YKK AMERICA
8	E2-0067	AIRTIGHT GASKET FOR DOOR SWEEP	-	YKK AMERICA
9	P-1300-SS	4½" X4" BUTT HINGE (NRP)	-	
10	PC-0808	#8 X ½" PHSMS TYPE AB	-	



① SA DOOR HEAD ② SA DOOR JAMB ③ FLAT FILLER



⑤A DOOR SWEEP BASE ⑤B DOOR SWEEP COVER



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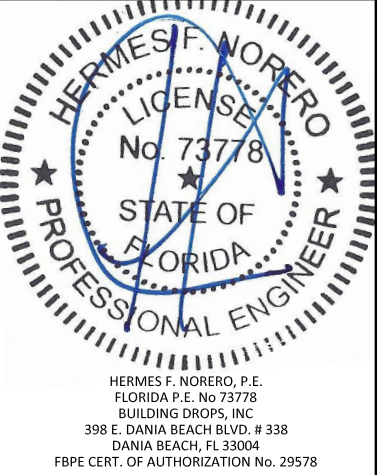
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