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INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 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.
- 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.
- FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- 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.
- FOR INSTALLATION THROUGH METAL FRAME USE #10 SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
- FOR INSTALLATION THROUGH ALUMINUM MULLION USE #10 SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND ALUMINUM FRAME SUBSTRATE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM 1/16 INCH THICK 6063-T5 ALUMINUM.

YKK AP AMERICA, Inc.

YFD 25 FLUSH DOOR

(NON-HVHZ) (NON-IMPACT)

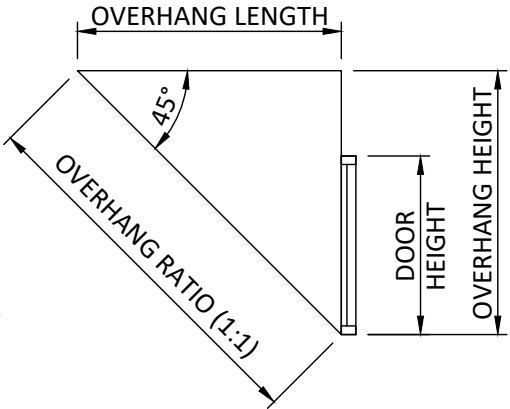
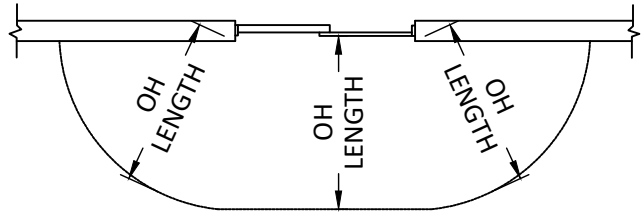
GENERAL NOTES:

- 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 E283-19
 - ASTM E330-14
- 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: ALUMINUM 6063-T5
- 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.
- DOOR CONFIGURATIONS MAY UTILIZE BUTT HINGES AS DESCRIBED HEREIN OR OFFSET PIVOTS INTERCHANGEABLY.
- ALLOWABLE CONFIGURATIONS: X (SINGLE DOOR).

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SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
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 = $OH\ LENGTH \div OH\ HEIGHT\ IS \geq 1.0$



YKK AP AMERICA, Inc.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

INSTALLATION & GENERAL NOTES

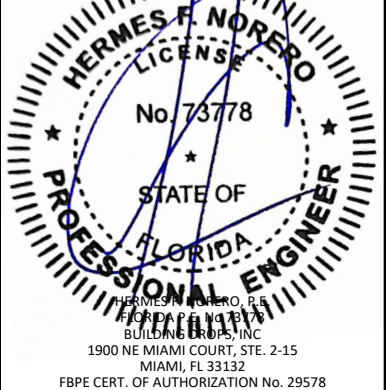
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BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

BUILDING DROPS

REMARKS	BY	DATE
2026 FBC UPDATE	SH	06.29.26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.07.21 15:43:21 -0400



FL #:		FL12465
DATE:		08.04.17
DWG. BY:	CHK. BY:	
RV	HFN	
SCALE:		NTS
DWG. #:		YKK213
SHEET:	REV.	
1	A	
OF 5		



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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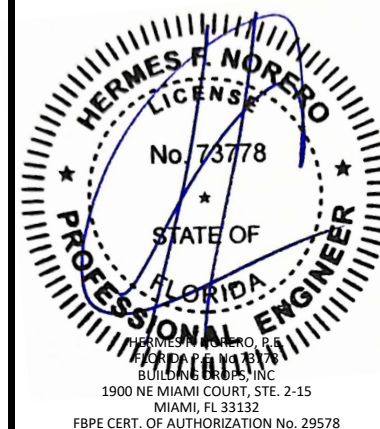
ELEVATION, ANCHOR LAYOUTS
& SCHEDULE

PREPARED BY:



REMARKS	BY	DATE
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DWG. BY: RV	CHK. BY: HFN
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SCALE: NTS

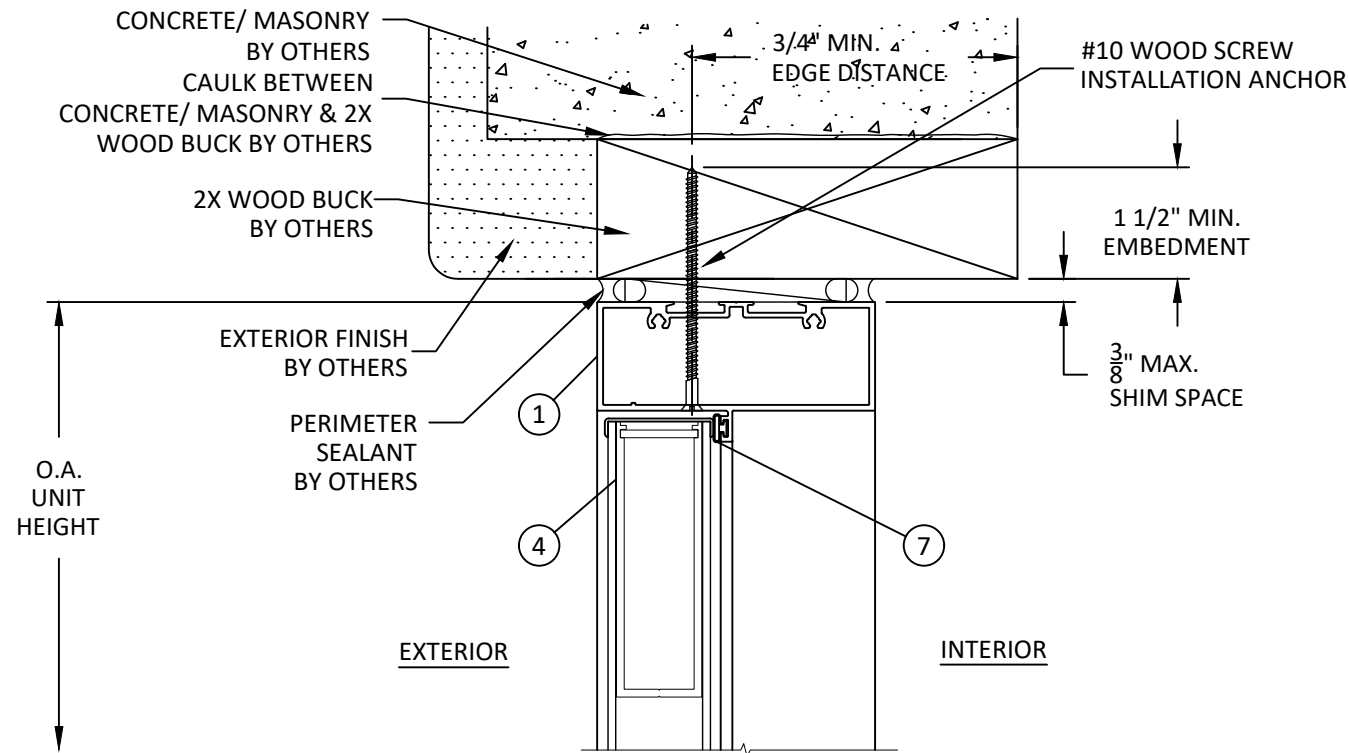
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SHEET:	REV.
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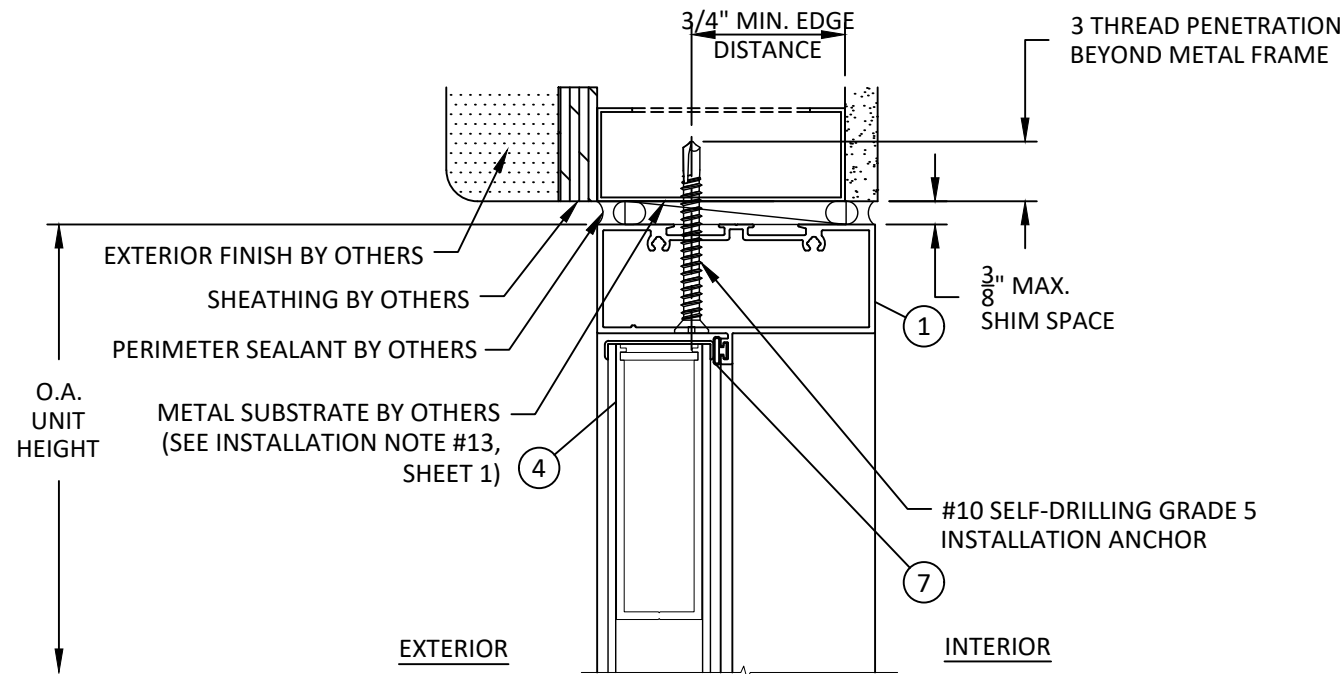
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REV. A

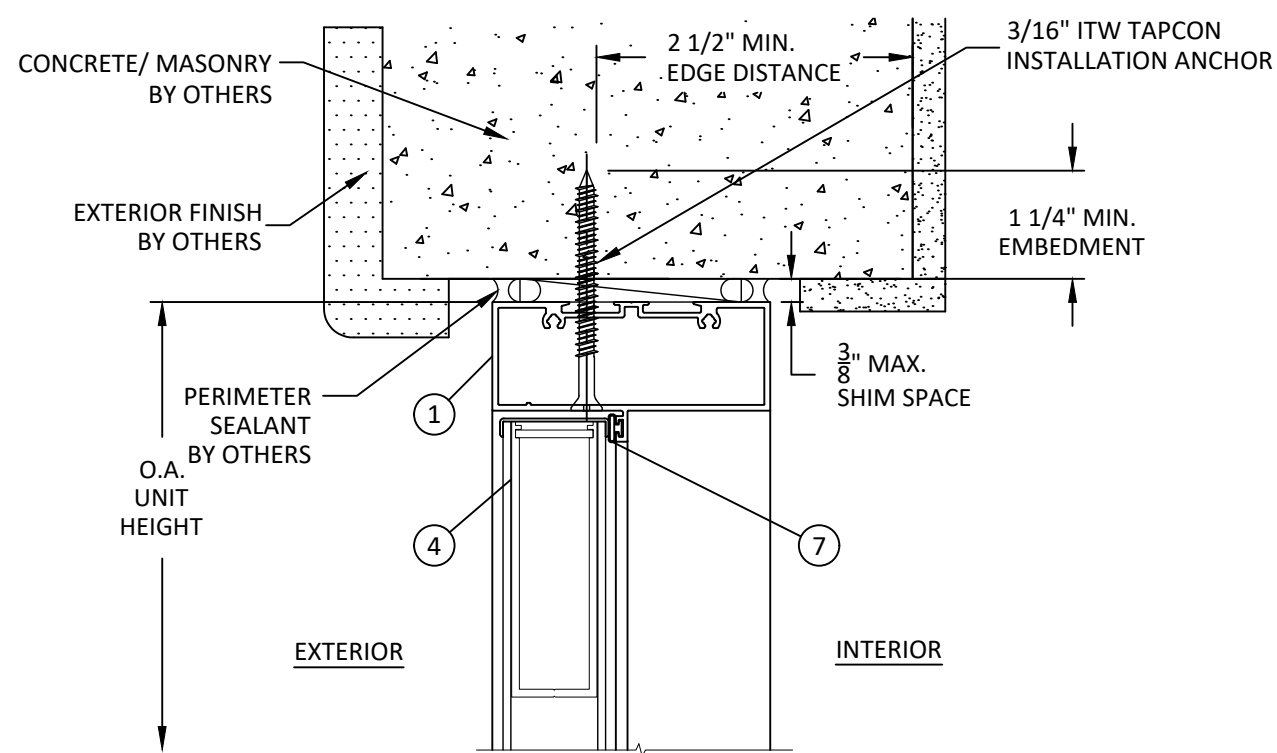
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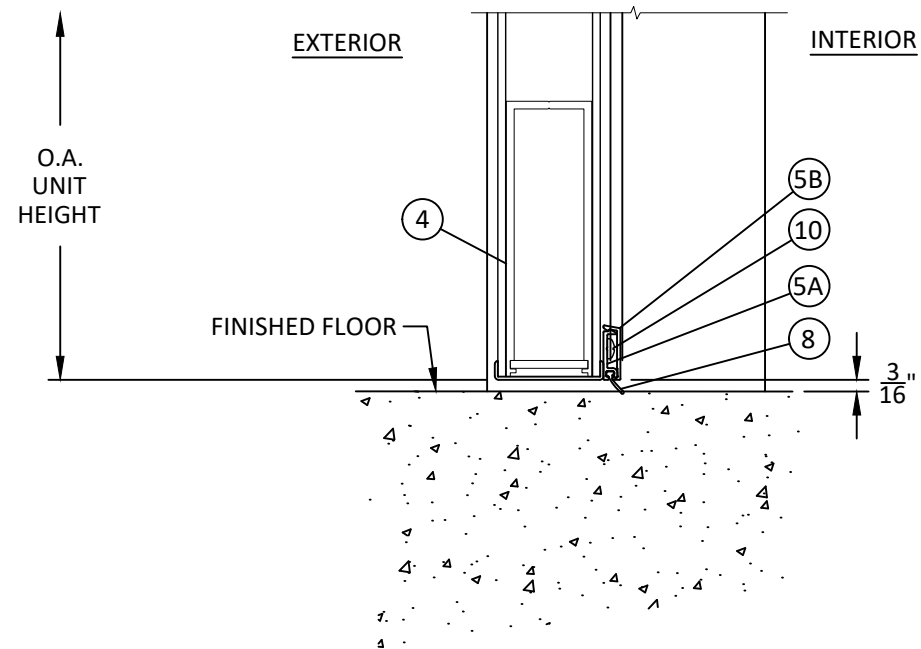
A
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
THROUGH FRAME



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

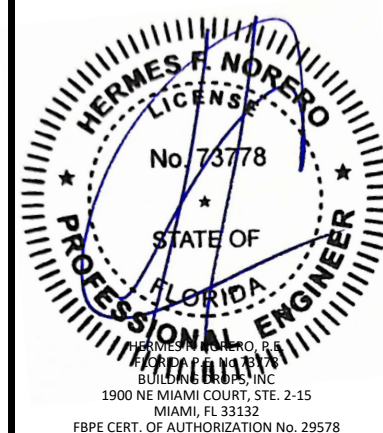
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PH: (954)399-8478
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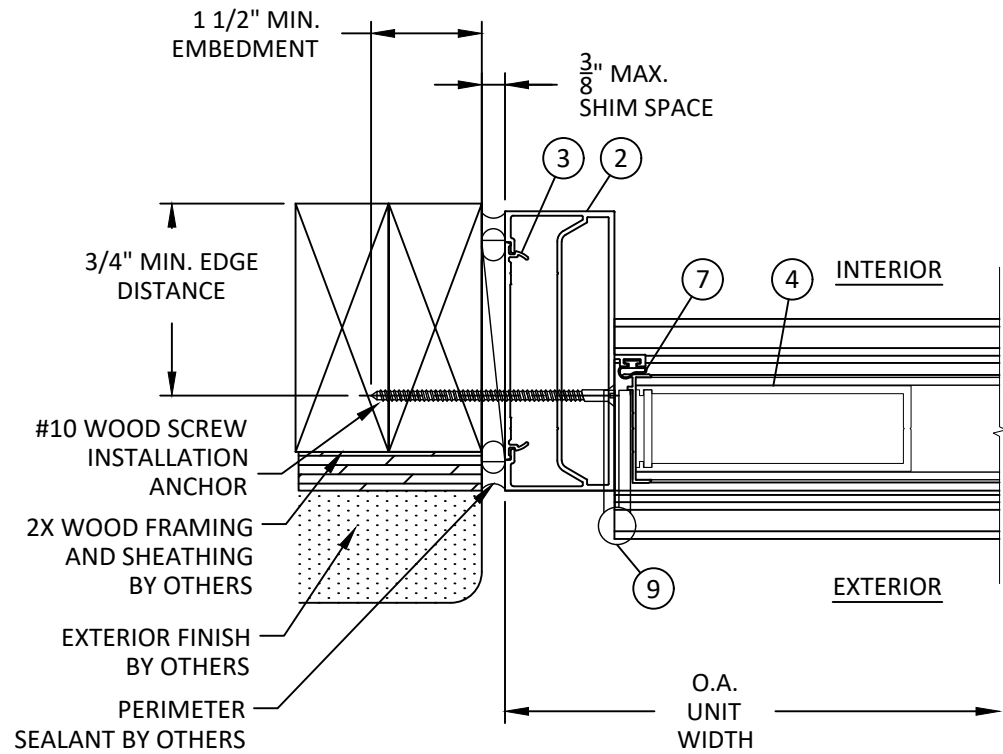
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SCALE: **NTS**

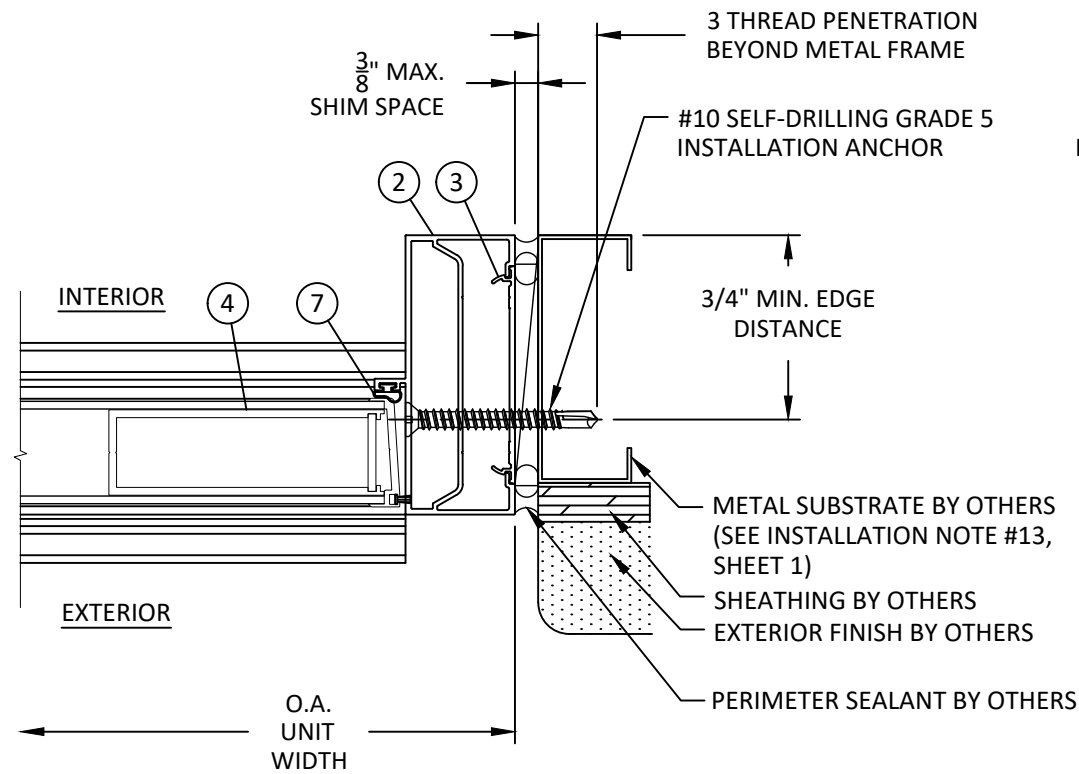
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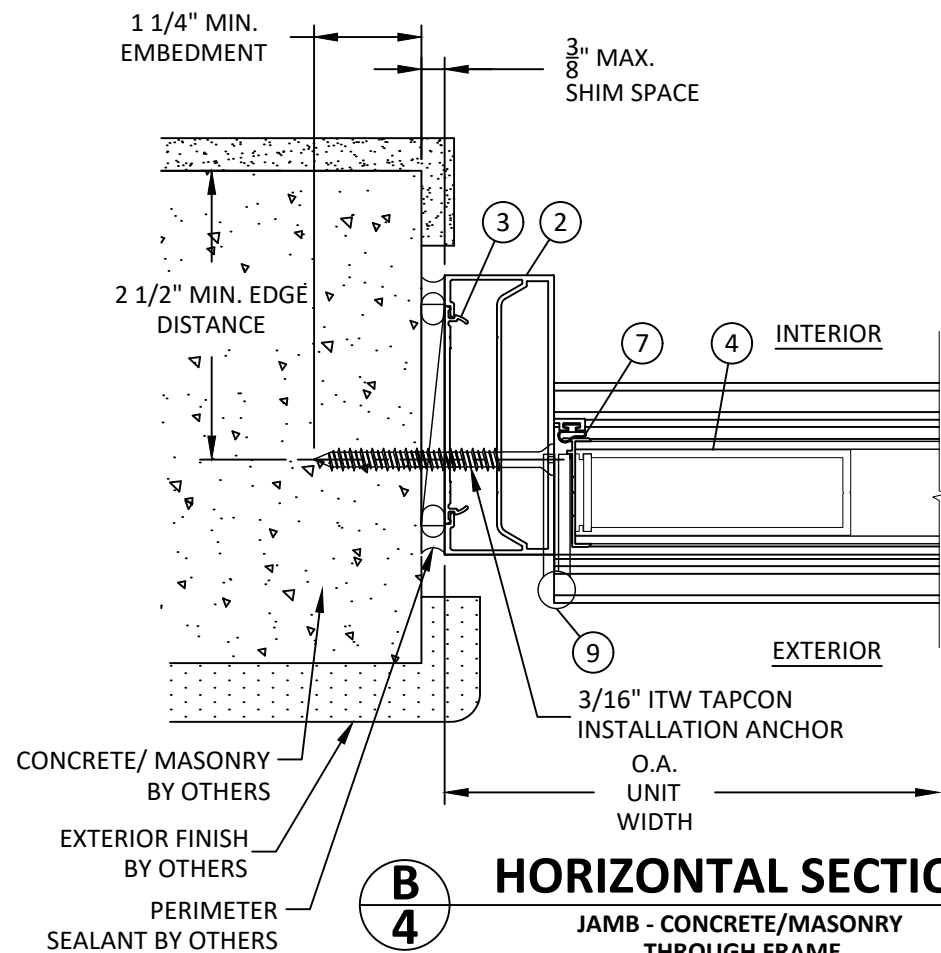
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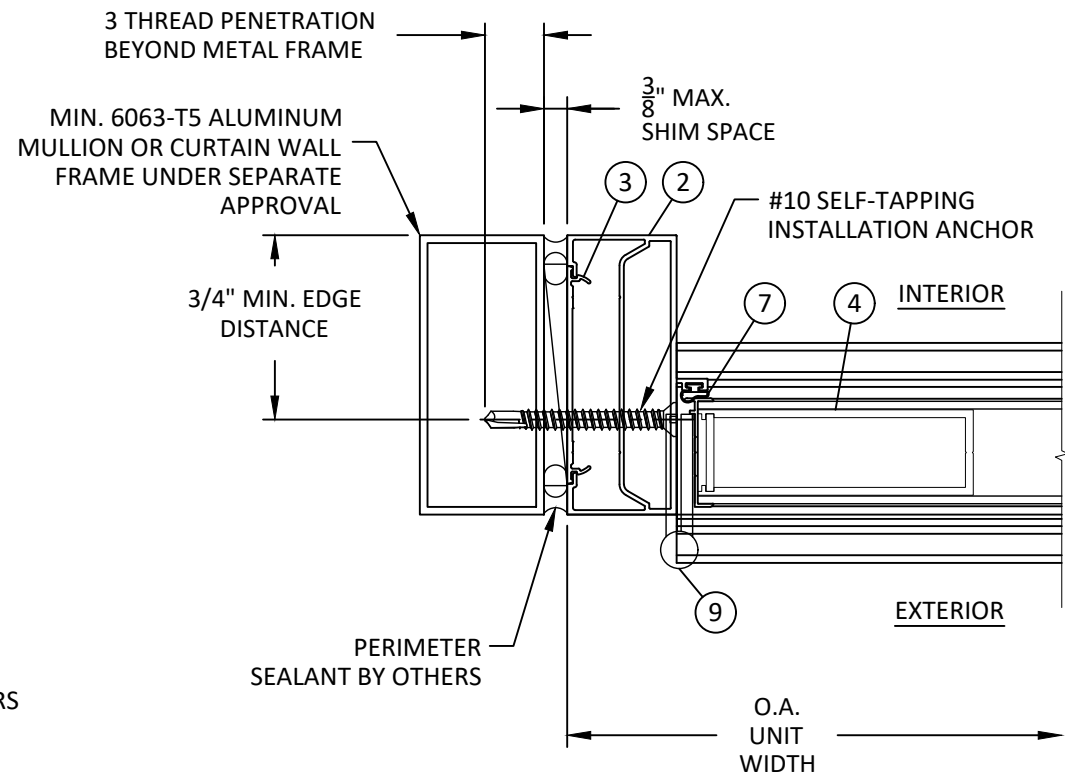
A
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD FRAMING
THROUGH FRAME



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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HORIZONTAL SECTIONS

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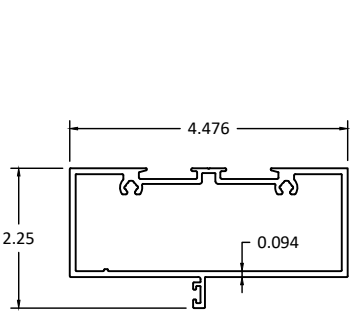
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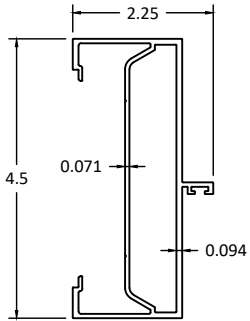
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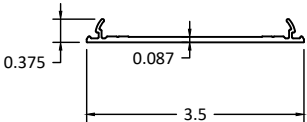
BILL OF MATERIALS				
ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	E9-0402	SA DOOR HEAD	6063-T5	YKK AMERICA
2	E9-0421	SA DOOR JAMB	6063-T5	YKK AMERICA
3	E1-1054	FLAT FILLER	6063-T5	YKK AMERICA
4	-	FLUSH DOOR PANEL	6063-T5	CLINE DOOR
5A	E9-0347	DOOR SWEEP BASE	-	YKK AMERICA
5B	E9-0348	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	-	



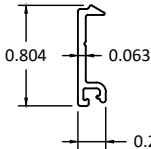
① SA DOOR HEAD



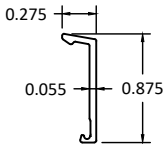
② SA DOOR JAMB



③ FLAT FILLER



⑤A DOOR SWEEP BASE



⑤B DOOR SWEEP COVER



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COMPONENTS & BILL OF MATERIALS

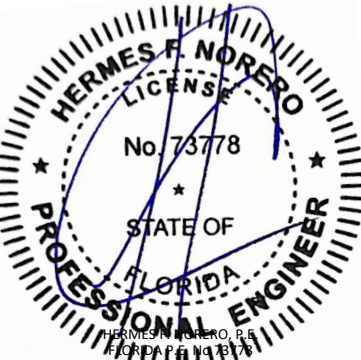
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HERMES F. NORERO, P.E.

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL12465

DATE:

08.04.17

DWG. BY:

RV

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK213

SHEET:

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REV.

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OF 5