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YKK AP America Inc.

YOW 350 T THERMAL ALUMINUM CASEMENT OUTSWING / INSWING WINDOW (NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE SPECIFIED.
- 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.
- SEE SHEET 2 FOR ANCHOR LAYOUT, SCHEDULE AND REQUIREMENTS.
- 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 FOR 1/4" ITW TAPCON AND MIN COMPRESSIVE STRENGTH OF 3500 PSI FOR 5/16" DEWALT ULTRACON.
 - MASONRY - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM 0.067 INCH THICK, 6063-T5 ALUMINUM
- INSTALLATION SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS FOR SEALING WINDOWS AND ACCESSORY ITEMS.

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:
 - AMMA/WDMA/CSA 101/I.S.2/A440-22
- 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 WIND BORNE DEBRIS REGIONS.
- WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
- DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAILS.
- GLAZING SELECTION SHALL MEET SAFETY GLAZING REQUIREMENTS OF THE FBC, CHAPTER 24.

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1	INSTALLATION & GENERAL NOTES
2	ELEVATION & ANCHOR LAYOUTS & GLAZING DETAIL (OUT/INSWING)
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4	VERTICAL & HORIZONTAL SECTIONS
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6	BILL OF MATERIALS & COMPONENTS

DESIGN PRESSURE TABLE				
PRODUCT CONFIGURATION	MAX OVERALL SIZE		DESIGN PRESSURE	MISSILE IMPACT RATING
	WIDTH	HEIGHT		
"X" (IN-SWING)	44-1/8"	74-1/8"	+/- 80 PSF	NON-IMPACT
	38-1/8"	62-1/8"		
	44-1/8"	74-1/8"	+/- 65 PSF	
"X" (OUT-SWING)	44-1/8"	74-1/8"	+/- 80 PSF	
	38-1/8"	62-1/8"	+/- 65 PSF	



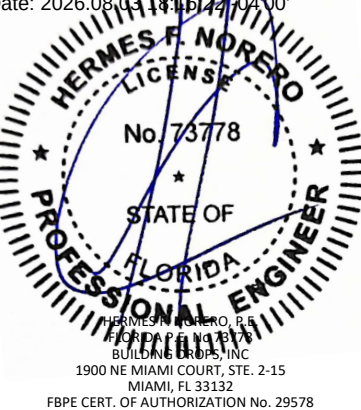
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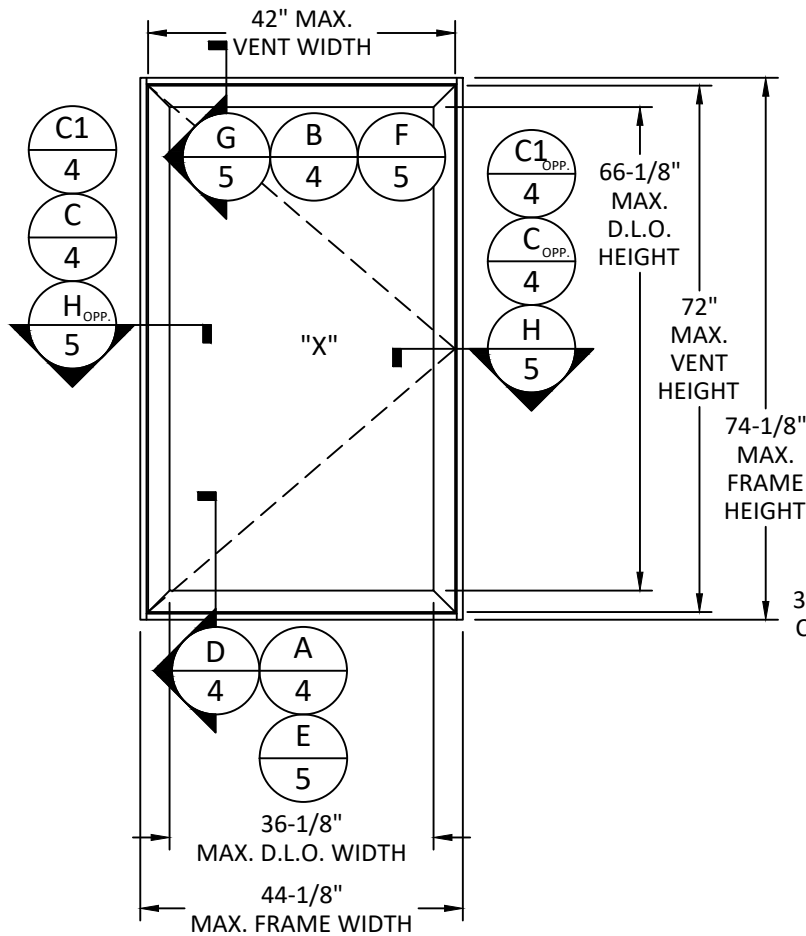
TITLE:
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CASEMENT OUTSWING / INSWING WINDOW
(NON-HVHZ) (NON-IMPACT)
INSTALLATION & GENERAL NOTES

PREPARED BY:
BUILDING DROPS, INC.
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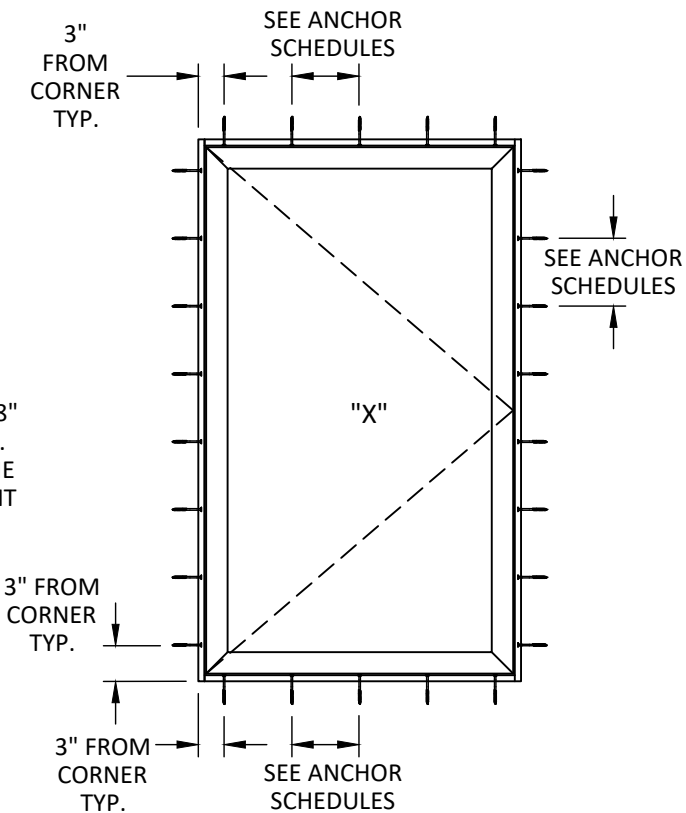


REMARKS	BY	DATE
2023 FBC CODE UPDATE	MS	05.05.23
MISC. UPDATE	SH	02.26.24
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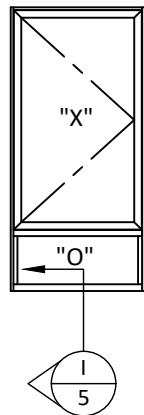
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TYPICAL ELEVATION
CASEMENT-IN/OUTSWING

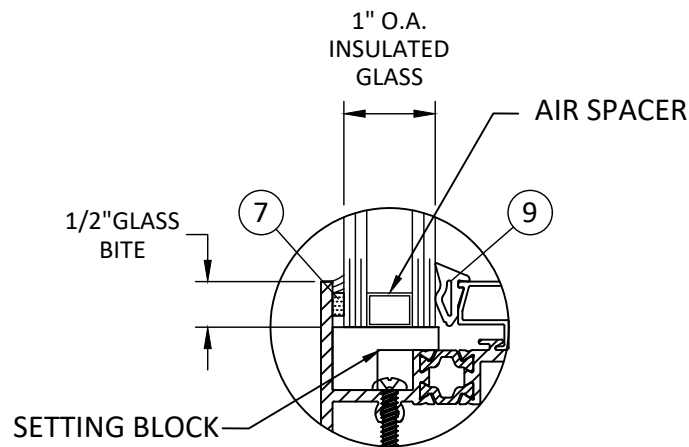


ANCHOR LAYOUT
STRAP/ THROUGH FRAME INSTALLATION



QUALIFIED
CONFIGURATIONS

NOTE: MAX. DIMENSIONS VARIES
BASED ON APPROVED SIZES IN
SHEET 3.



GLAZING DETAIL

ANCHOR SCHEDULE							
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE	DIST. FROM CORNERS	MAX. SPACING HEAD & SILL	MAX. SPACING JAMB
STRAP ANCHOR	WOOD MIN. SG = 0.55	#14 WOOD SCREW	1.5"	0.75"	3"	12"	12"
	18 GAUGE STEEL, MIN. F _y = 33KSI	1/4" TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	3"	12"	12"
	ALUMINUM - 1/8" MIN. THICKNESS, MIN. 6063-T5	1/4" TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	3"	12"	12"
	CONCRETE f _c = 3000PSI	1/4" ITW TAPCON	1.75"	2.5"	3"	12"	12"
	CMU per ASTM C90	1/4" ITW TAPCON	1.75"	2.5"	3"	12"	12"

ANCHOR SCHEDULE							
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE	DIST. FROM CORNERS	MAX. SPACING HEAD & SILL	MAX. SPACING JAMB
THROUGH FRAME	WOOD MIN. SG = 0.55	3/8" SS LAG SCREW	1.5"	0.75"	3"	13"	12"
	18 GAUGE STEEL, MIN. F _y = 33KSI	1/4" TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	3"	13"	12"
	ALUMINUM - 1/8" MIN. THICKNESS, MIN. 6063-T5	1/4" TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	3"	13"	12"
	CONCRETE f _c = 3000PSI	5/16" DEWALT ULTRACON	1.75"	2.5"	3"	13"	12"
	CMU per ASTM C90	5/16" DEWALT ULTRACON	1.75"	2.5"	3"	13"	12"

GLAZING NOTES:

- GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLE ON SHEET 1.

ALUMINUM BOX SPACER:
AROUND THE PERIMETER OF THE GLASS

PRIMARY SEALANT:
POLYISOBUTYLENE (PIB)

SECONDARY SEALANT:
STRUCTURAL SILICONE INTENDED FOR
FABRICATION OF INSULATED GLASS UNITS.



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TITLE: YOW 350 T THERMAL ALUMINUM CASEMENT OUTSWING / INSWING WINDOW (NON-HVHZ) (NON-IMPACT) ELEVATION & ANCHOR LAYOUTS & GLAZING DETAIL (OUT-SWING)

PREPARED BY: **BUILDING DROPS, INC.**
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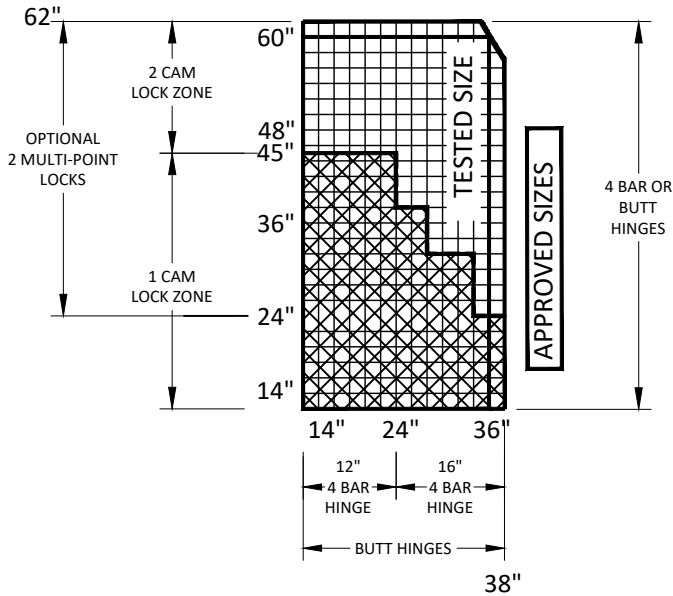
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APPROVED VENT SIZES CASEMENT INSWING



HARDWARE SCHEDULE CASEMENT INSWING

HARDWARE TYPE	OPTION#	DESCRIPTION
LOCK OPTIONS	1	BRONZECRAFT CAM HANDLES (E1-1503/1504) AT LOCK STILE OF VENT, 8" FROM EA. END SECURED WITH (2) #10 X 1/2" FH SMS. BRONZECRAFT KEEPERS (E1-1707) SECURED WITH (2) #10 X 1/2" FH SMS.
	2	MULTI-POINT LOCK ASSEMBLY (E1-1703(UPPER), E1-1701(LOWER)). LOCK KEEPERS (E1-1707) LOCATED AT 8" FROM EACH END, SECURED WITH (2) #10 X 1/2" FH SMS. ACTUATED BY E1-1505 OR E1-1966 MULTI LOCK HANDLE.
HINGE OPTIONS	1	BUTT HINGE (E1-1714/1715), EA. HINGE FASTENED TO FRAME WITH (3) #10-24 X 7/16" PL PH MS AND TO L-ANGLE WITH (3) #10-24 X 7/16" PL PH MS. L-ANGLE SECURED TO VENT WITH (3) #10-24 X 1/2" PL PH SMS. SEE BUTT HINGE SCHEDULE FOR REQUIRED QUANTITIES.
	2	16", 4-BAR HINGE (4K-14208) SECURED TO BASE WITH (3) #10-24 X 3/8" PL PH SMS AND TO VENT WITH (3) #10-24 X 3/8" PL FH SMS.
	3	12", 4-BAR HINGE (4K-14207) SECURED TO BASE WITH (3) #10-24 X 3/8" PL PH SMS AND TO VENT WITH (3) #10-24 X 3/8" PL FH SMS.

NOTES:

- VENT SIZES SHOWN IN DIAGRAM ABOVE ARE APPROVED FOR USE AT +/-65 PSF & +/-80 PSF.
- MULLS SHALL BE AS SHOWN HEREIN OR APPROVED UNDER SEPARATE APPROVAL.
- VENT SIZE MAY NOT EXCEED OVERALL SQUARE FOOTAGE OF TESTED SIZE.
- FRAME SIZE MAY NOT EXCEED OVERALL SQUARE FOOTAGE OF TESTED SIZE.
- 1 CAM AND 2 CAM LOCK ZONE REPRESENTS SIZES WHICH MAY USE ONLY 1 CAM LOCK INSTEAD OF 2 AS-TESTED. SEE HARDWARE SCHEDULE FOR ALTERNATE MULTI-POINT LOCK HARDWARE REQUIREMENTS.
- GLASS TYPE SHALL COMPLY WITH ASTM E1300.
- UNITS SHALL FOLLOW HARDWARE REQUIREMENTS SHOWN.

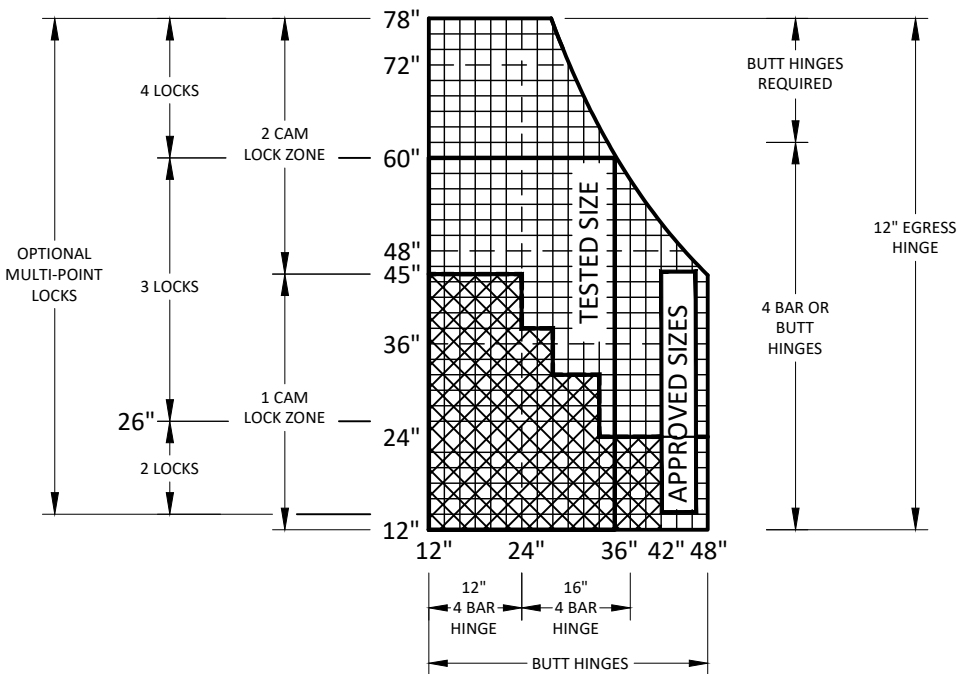
HINGE LIMITS

- 12" 4 BAR - MAX. 20° OPENING (W/ LIMIT) 90 LB. MAX. VENT
- 16" 5 BAR - MAX. 30° OPENING (W/O LIMIT) 130 LB. MAX. VENT
- 22" 4 BAR - MAX. 45° OPENING (W/ LIMIT) 140 LB. MAX. VENT

FRAME HEIGHT = VENT HEIGHT + 2"
FRAME WIDTH = VENT WIDTH + 2"

GLASS WIDTH = VENT WIDTH - 3/8"
GLASS HEIGHT = VENT HEIGHT - 3/8"

APPROVED VENT SIZES CASEMENT OUTSWING



HARDWARE SCHEDULE CASEMENT OUTSWING

HARDWARE TYPE	OPTION#	DESCRIPTION
LOCK OPTIONS	1	BRONZECRAFT CAM HANDLES (E1-1541/1542) AT LOCK STILE OF VENT, 8" FROM EA. END SECURED WITH (2) #10 X 1/2" FH SMS. BRONZECRAFT KEEPERS (E1-519) SECURED WITH (2) #10 X 1/2" FH SMS.
	2	MULTI-POINT LOCK ASSEMBLY (E1-1505 OR E1-1966, E1-1954, E1-1955, E1-1952, E9-4593), SEE MULTI-POINT TABLE FOR REQUIRED LOCK POINT SCHEDULE. LOCK KEEPERS (E1-1954, E1-1955) SECURED WITH (2) #10 X 1/2" FH SMS.
HINGE OPTIONS	1	BUTT HINGE (E1-1714/1715), EA. HINGE FASTENED TO FRAME WITH (3) #10-24 X 7/16" PL PH MS AND TO L-ANGLE WITH (3) #10-24 X 7/16" PL PH MS. L-ANGLE SECURED TO VENT WITH (3) #10-24 X 1/2" PL PH SMS. SEE BUTT HINGE SCHEDULE FOR REQUIRED QUANTITIES.
	2	16", 4-BAR HINGE (4K-14208) SECURED TO BASE WITH (3) #10-24 X 3/8" PL PH SMS AND TO VENT WITH (3) #10-24 X 3/8" PL FH SMS.
	3	12", 4-BAR HINGE (4K-14207) SECURED TO BASE WITH (3) #10-24 X 3/8" PL PH SMS AND TO VENT WITH (3) #10-24 X 3/8" PL FH SMS.
	4	12", 4-BAR EGRESS HINGE ASSEMBLY (E1-1957/1960) SECURED TO BASE WITH (3) #10-24 X 3/8" PL PH SMS AND TO VENT WITH (3) #10-24 X 3/8" PL FH SMS.

MULTI-POINT SCHEDULE

NUMBER OF REQUIRED LOCK ENGAGEMENTS	VENT HEIGHT (H)
4	78" > H > 54"
3	54" > H > 35"
2	35" > H > 24"

NOTE: MAX. SPACING BETWEEN LOCK POINTS IS 24".

BUTT HINGE SCHEDULE

NUMBER OF REQUIRED BUTT HINGES	VENT HEIGHT (H)
4	78" > H > 72"
3	72" > H > 44"
2	44" > H

NOTE: MAX. SPACING BETWEEN HINGES IS 28". HINGES 8" FROM CORNERS TYP.

SNUBBER SCHEDULE

NUMBER OF REQUIRED SNUBBERS AT HINGE JAMB	VENT HEIGHT (H)
1	62" > H > 32"

MULTI-POINT SCHEDULE

NUMBER OF REQUIRED LOCK ENGAGEMENTS	VENT HEIGHT (H)
2	62" > H > 24"



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(NON-HVHZ) (NON-IMPACT)
APPROVED SIZES & HARDWARE
SCHEDULES

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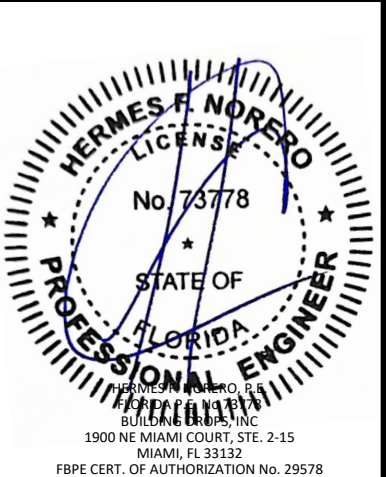
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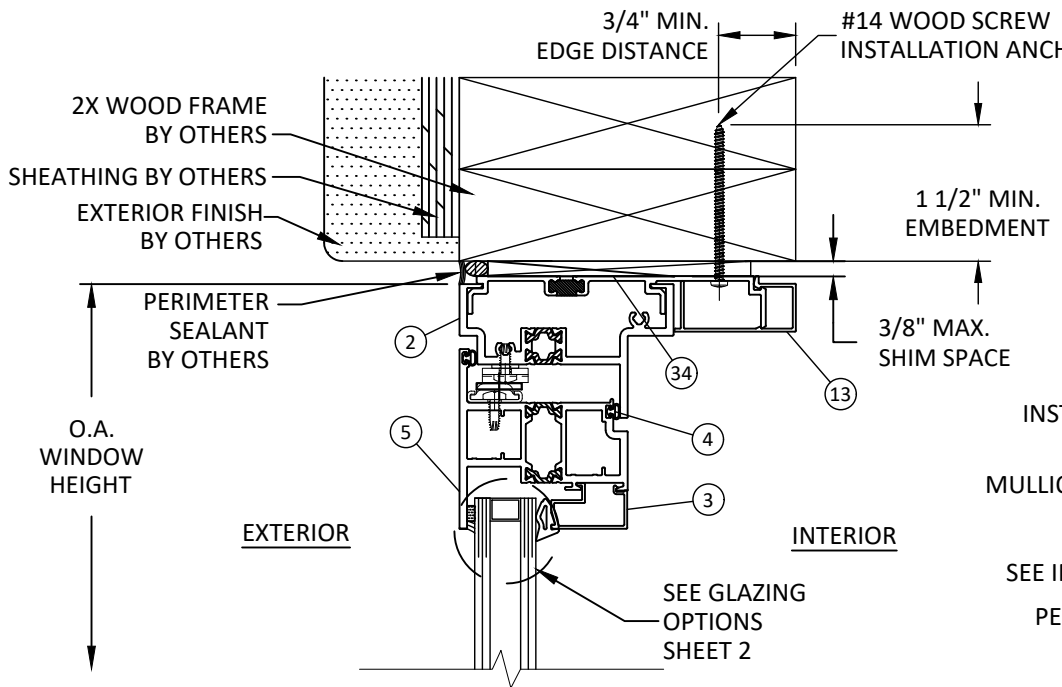
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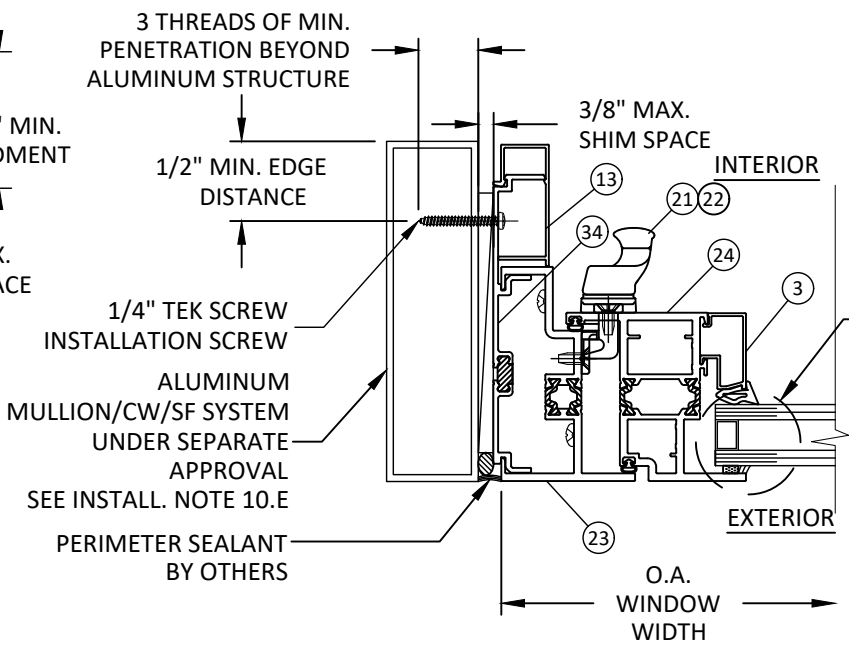
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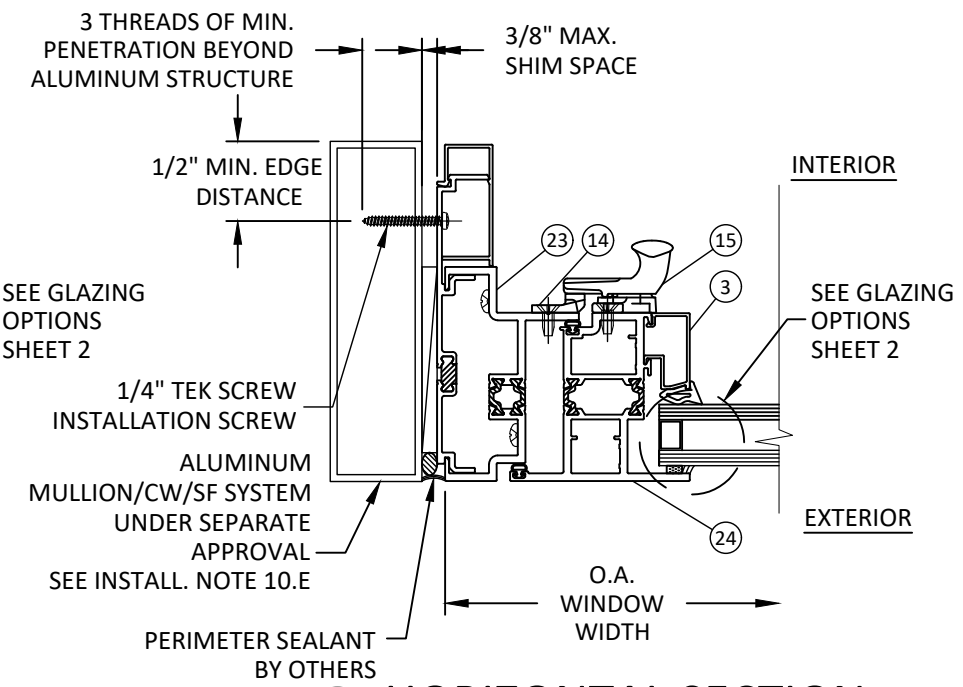
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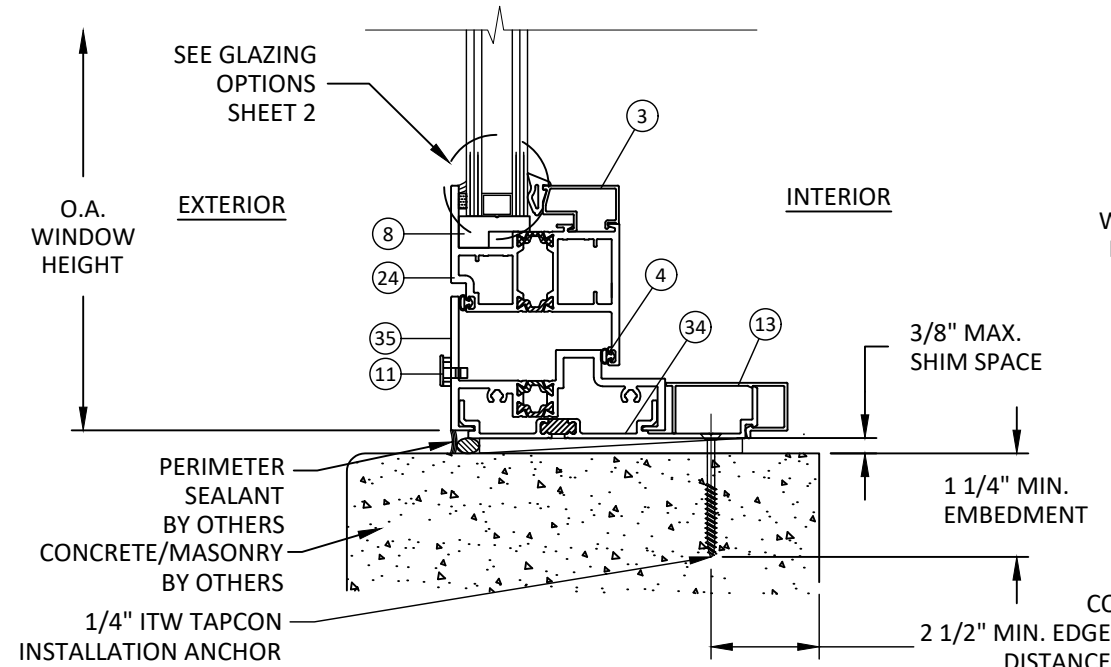
B
4 VERTICAL SECTION
VENT HEAD - 2X WOOD FRAME
STRAP ANCHOR - TYP. CASEMENT OUTSWING



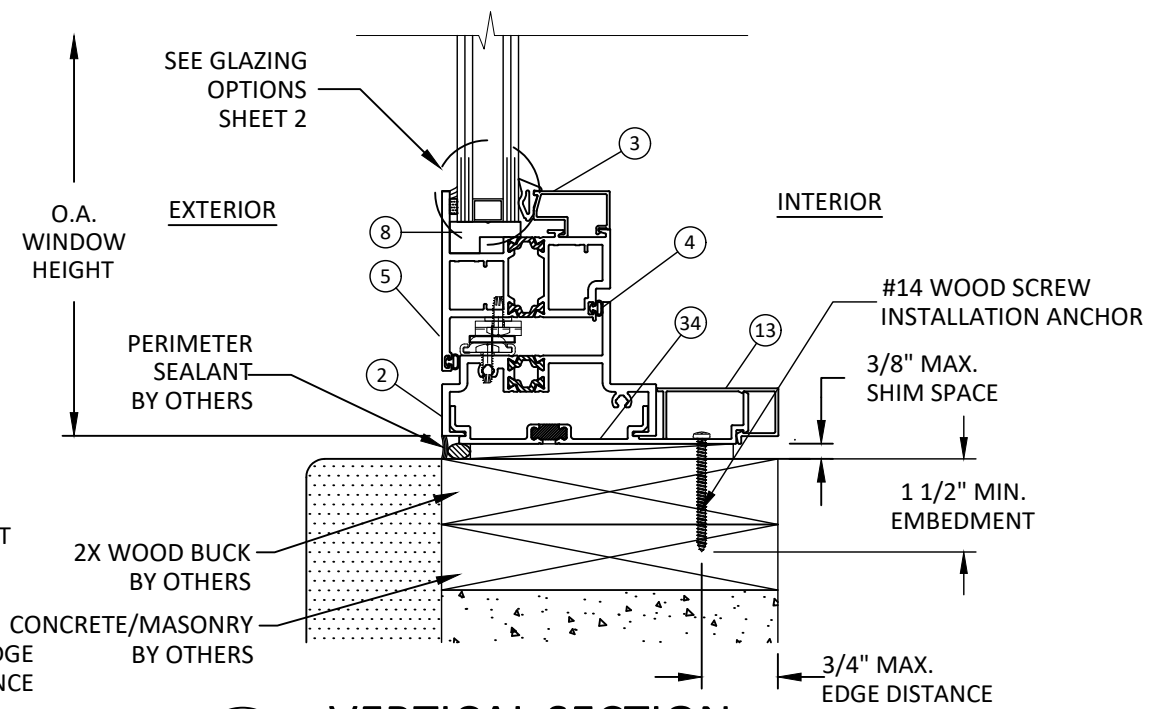
C
4 HORIZONTAL SECTION
VENT JAMB - MULL TUBE FRAME
STRAP ANCHOR - TYP. CASEMENT INSWING



C1
4 HORIZONTAL SECTION
VENT JAMB - MULL TUBE FRAME
TYP. CASEMENT OUTSWING WITH CAM LOCK



A
4 VERTICAL SECTION
VENT SILL - CONCRETE/MASONRY
STRAP ANCHOR - TYP. CASEMENT INSWING



D
4 VERTICAL SECTION
VENT SILL - 2X WOOD BUCK
STRAP ANCHOR - TYP. CASEMENT OUTSWING



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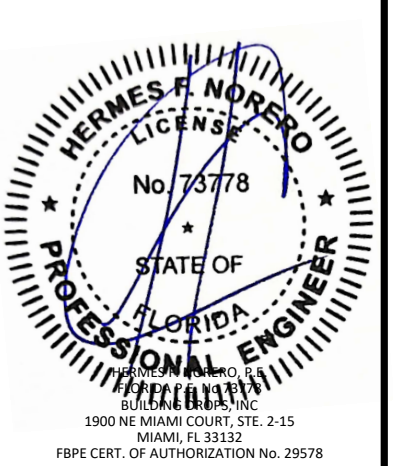
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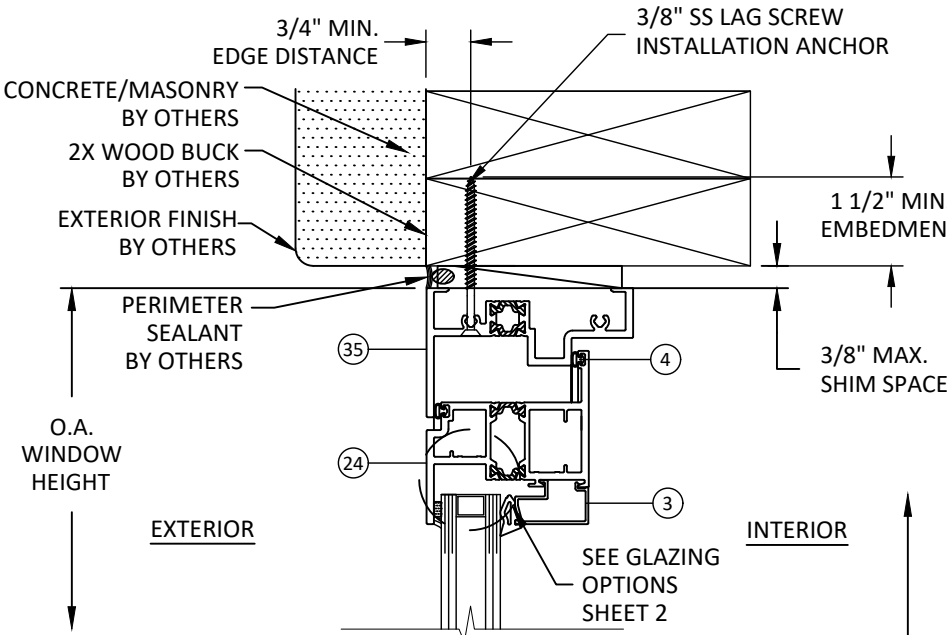
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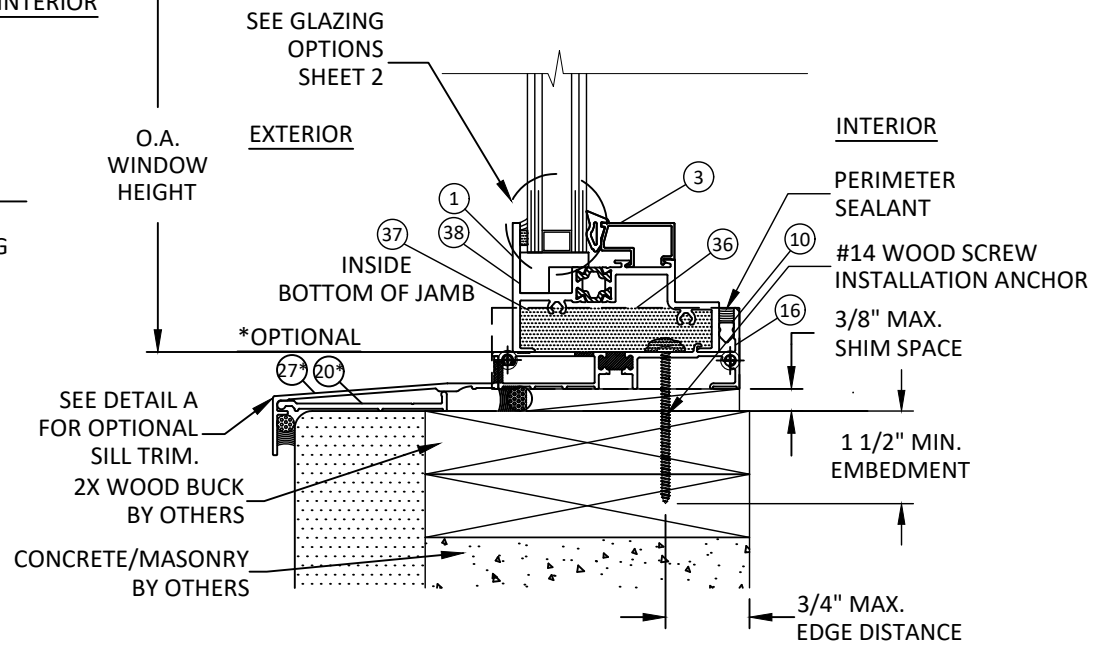


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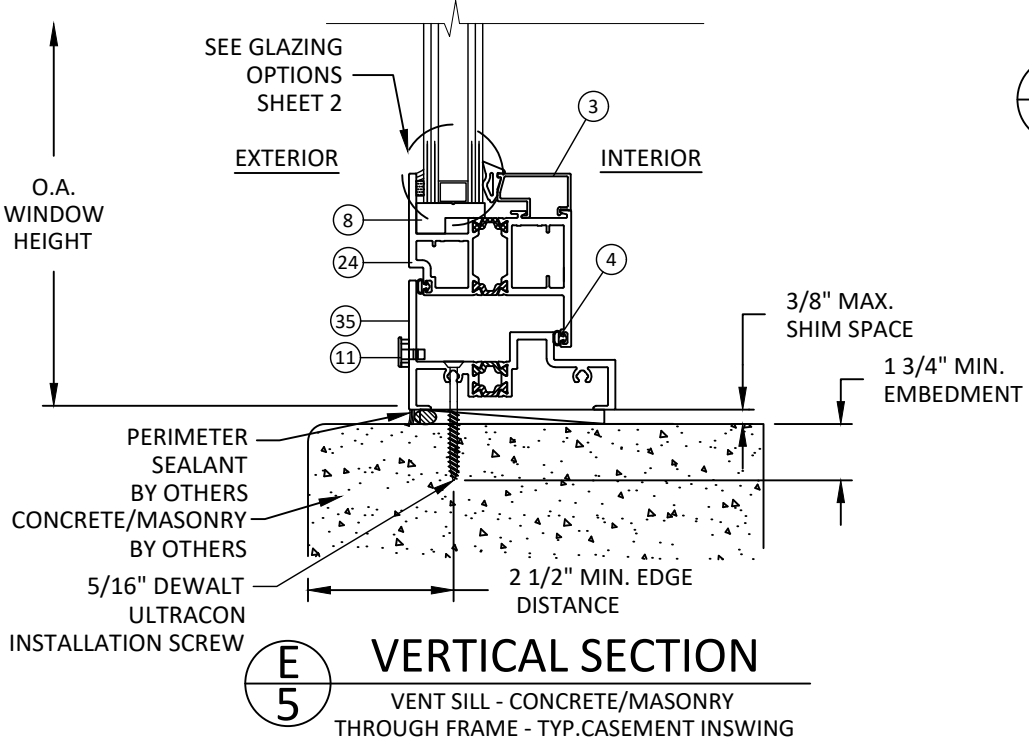


F5 VERTICAL SECTION
VENT HEAD - 2X WOOD BUCK
THROUGH FRAME - TYP.CASEMENT INSWING

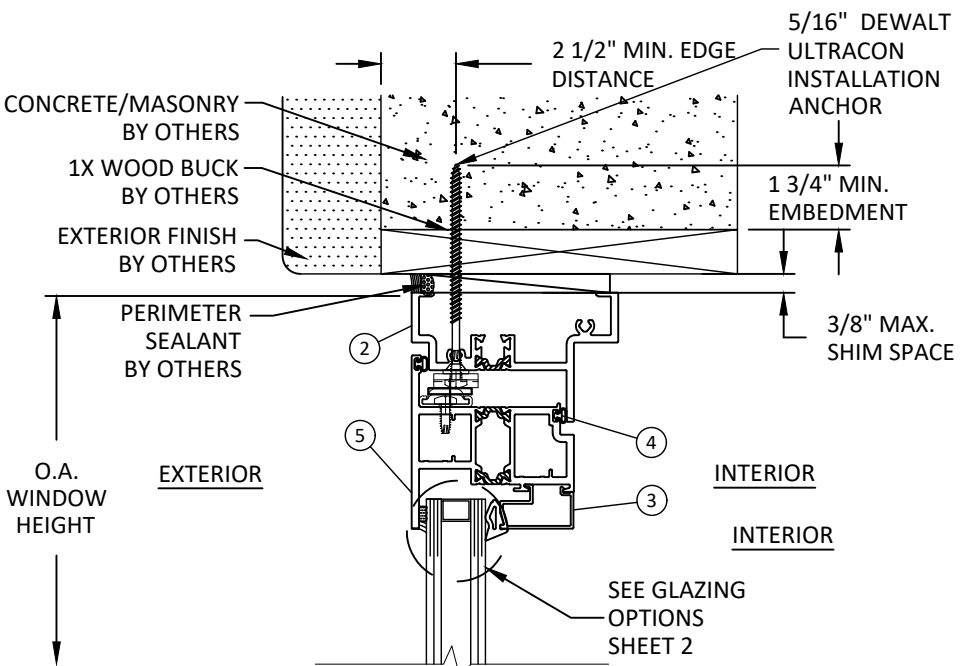


I5 VERTICAL SECTION
FIXED SILL - 2X WOOD BUCK
SILL FLASHING

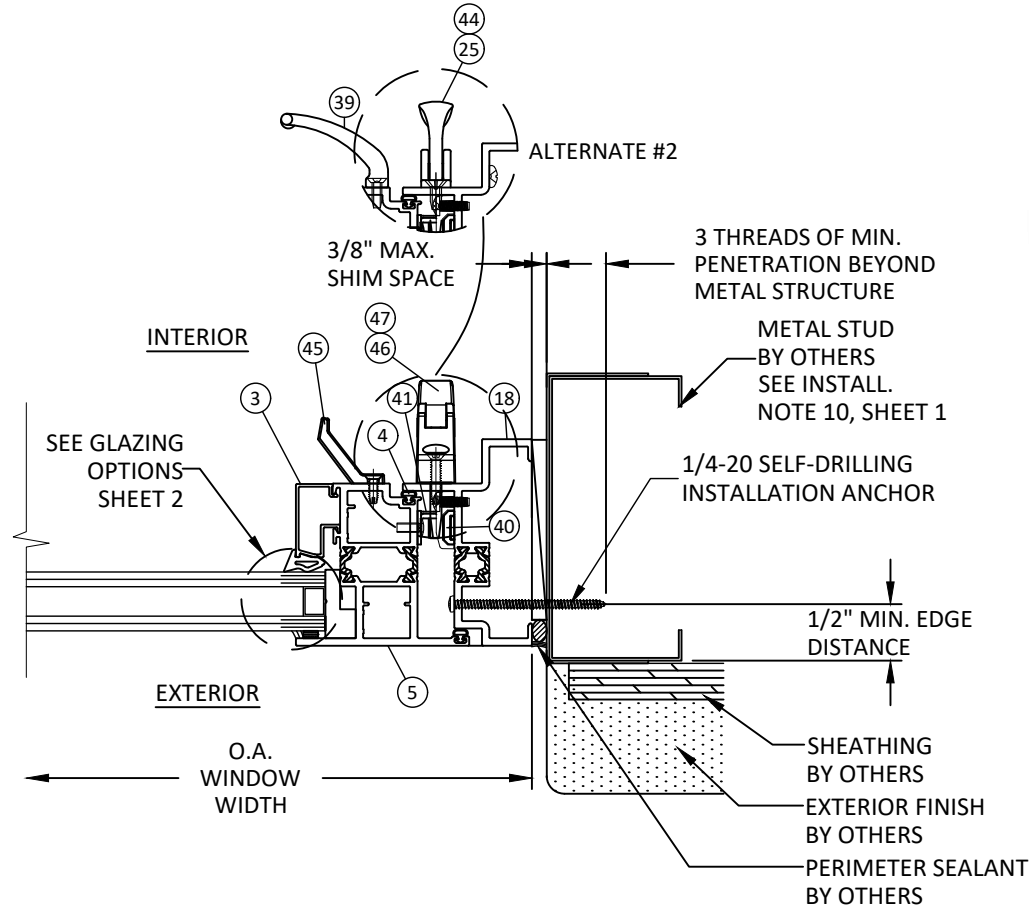
**OPTIONAL SILL TRIM
DETAIL A**



E5 VERTICAL SECTION
VENT SILL - CONCRETE/MASONRY
THROUGH FRAME - TYP.CASEMENT INSWING



G5 VERTICAL SECTION
VENT HEAD - 1X/CONCRETE/MASONRY
THROUGH FRAME - TYP.CASEMENT OUTSWING



H5 HORIZONTAL SECTION
VENT JAMB - METAL STUD FRAME
THROUGH FRAME - TYP.CASEMENT OUTSWING
ALTERNATE #1

YKK AP Quality inspires™

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

TITLE: YOW 350 T THERMAL ALUMINUM CASEMENT OUTSWING / INSWING WINDOW (NON-HVHZ) (NON-IMPACT) THROUGH FRAME INSTALLATION DETAILS

PREPARED BY: 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

REMARKS	BY	DATE
2023 FBC CODE UPDATE	MS	05.05.23
MISC. UPDATE	SH	02.26.24
2026 FBC CODE UPDATE	SH	07.30.26

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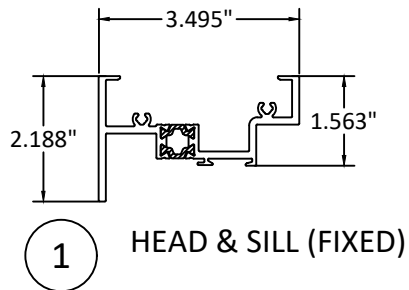
HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL16312
DATE:	9.01.17
DWG. BY:	FM
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK248
SHEET:	5
REV.	C

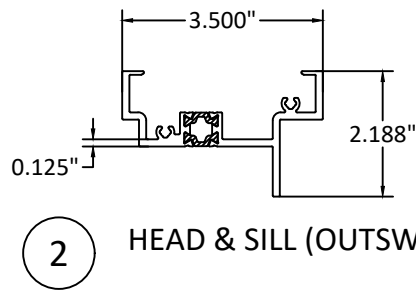
OF 6

c:\users\sebastianhereros\desktop\ykk 2026 ca\116312\ykk248.dwg 7/30/2026 7:03 PM

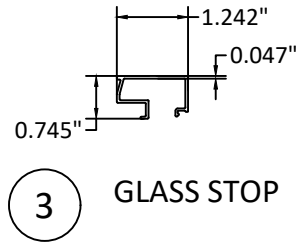
BILL OF MATERIALS			
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL
1	BE9-4901	HEAD & SILL (FIXED)	6063-T5
2	BE9-4903	HEAD/SILL (OUTSWING)	6063-T5
3	E9-4932	GLASS STOP	6063-T5
4	E2-0625	AT GASKET	SANTOPRENE
5	BE9-4911	VENT (OUTSWING)	6063-T5
6	4K-14208	16" 4 BAR HINGES	SS/ALUM
7	E2-0670	BACKER TAPE	POLYURETHANE FOAM
8	E2-0673	SETTING BLOCK	EPDM
9	E2-0672	WEDGE GASKET	EPDM
10	E2-0359	PUSH IN SPACER	SCR900
11	E3-1132	WEEP HOLE COVER	-
12	4K-14207	12" 4 BAR HINGE	-
13	E9-8431	STRAP ANCHOR COVER	6063-T5
14	E1-1519	KEEPER	WHITE BRONZE
15	E1-1541 E1-1542	CAM HANDLE RH/LH (OUTSWING)	WHITE BRONZE
16	BE9-4584	3 1/2" WEEPING SILL FLASHING	6063-T5
17	BE9-4902	NOT USED	-
18	BE9-4904	JAMB (OUTSWING)	6063-T5
19	E1-1714 E1-1715	BUTT HINGE RH/LH	6063-T5
20	E9-4559	SILL TRIM BASE	6063-T6
21	E1-1794 E1-1795	CAM HANDLE RH/LH (INSWING)	WHITE BRONZE
22	E1-1796	KEEPER	WHITE BRONZE
23	BE9-4907	JAMB (INSWING)	6063-T5
24	BE9-4912	RAIL/STILE (INSWING)	6063-T5
25	E1-1505	MULTI POINT LOCK HANDLE	WHITE BRONZE
26	E9-4931	FRAME ATTACHMENT FOR GLASS STOP	6063-T5
27	E9-4586	3" SILL TRIM	6063-T5
28	E9-4930	FRAME ATTACHMENT FOR VENT	6063-T5
29	E9-4587	4" SILL TRIM	6063-T5
30	BE9-4905	JAMB (OUTSWING)	6063-T5
31	BE9-4908	MULLION	6063-T5
32	BE9-4909	MULLION	6063-T5
33	BE9-4913	MULLION	6063-T5
34	E1-1799	STRAP ANCHOR	6063-T5
35	BE9-4906	HEAD/ SILL (INSWING)	6063-T5
36	E1-2004	END DAM	-
37	E2-0770	JAMB BLOCK	-
38	E2-0660	SETTING BLOCK	EPDM
39	E1-1508	PULL	WHITE BRONZE
40	4k-18715	LOCK BAR PIN	STAINLESS STEEL
41	4k-18584	KEEPER	STAINLESS STEEL
42	4k-12284	CONNECTING BAR GUIDE	DIE CAST
43	E9-4997	CONNECTING BAR	6063-T5
44	E2-0682	GASKET	BUTYL
45	E1-1981	PULL	DIE CAST
46	E1-1979	GASKET	RUBBER
47	E1-1966	MULTI POINT LOCK HANDLE	ZAMAK DIE CAST



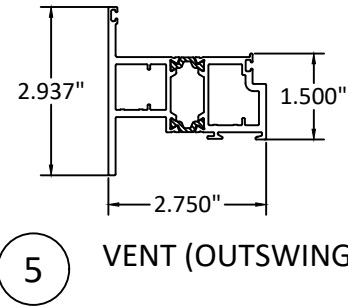
1 HEAD & SILL (FIXED)



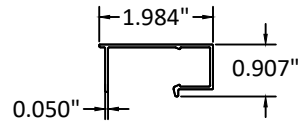
2 HEAD & SILL (OUTSWING)



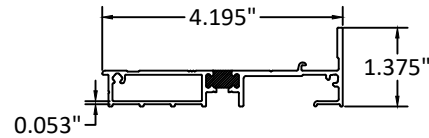
3 GLASS STOP



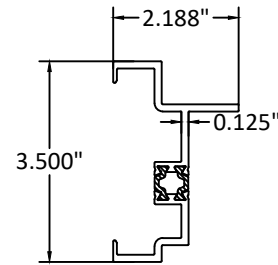
5 VENT (OUTSWING)



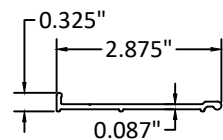
13 STRAP ANCHOR COVER



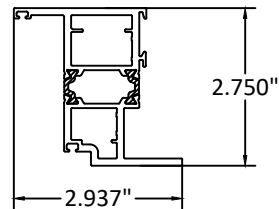
16 3 1/2" WEEPING SILL FLASHING
6063-T5



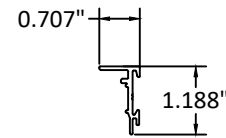
18 JAMB (OUTSWING)



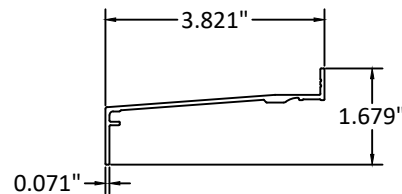
20 SILL TRIM BASE
6063-T6



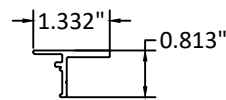
24 VENT



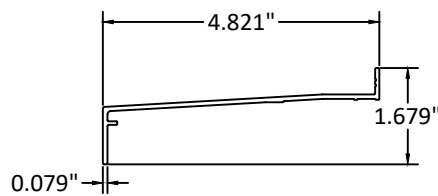
26 FRAME ATTACHMENT
FOR GLASS STOP



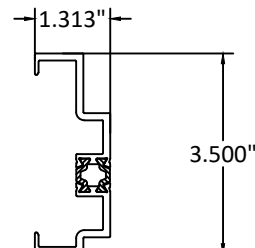
27 3" SILL TRIM
6063-T5



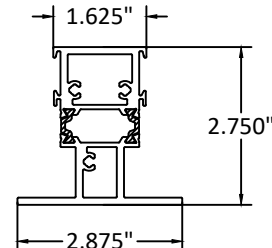
28 FRAME ATTACHMENT
FOR VENT



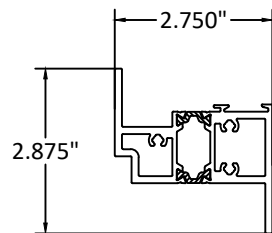
29 4" SILL TRIM
6063-T5



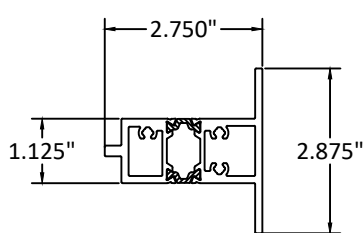
30 JAMB (OUTSWING)



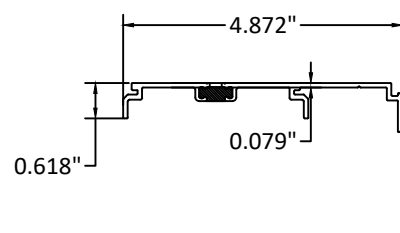
31 MULLION



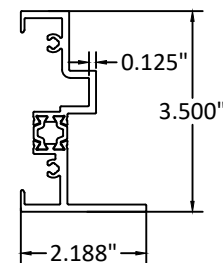
32 MULLION



33 MULLION



34 STRAP ANCHOR



35 HEAD & SILL (INSWING)

YKK AP Quality inspires™

YKK AP America Inc.
101 MARIETTA STREET NW, SUITE 2100
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TITLE: YOW 350 T THERMAL ALUMINUM CASEMENT OUTSWING / INSWING WINDOW (NON-HVHZ) (NON-IMPACT) COMPONENTS & BILL OF MATERIALS

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HERMES F. NORERO
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STATE OF FLORIDA
PROFESSIONAL ENGINEER

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 #: **FL16312**

DATE: **9.01.17**

DWG. BY: **FM** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **YKK248**

SHEET: **6** REV. **C**

OF 6