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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 *#14 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 *1/4 INCH DIAMETER ITW TAPCONS* OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
7. FOR INSTALLATION THROUGH METAL STUD USE *1/4 INCH DIAMETER SELF-DRILLING SCREWS, GR. 5* OF SUFFICIENT LENGTH TO ACHIEVE *3 THREADS* MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
8. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
9. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 10.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.
- 11.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.
- 12.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 - CMU UNIT STRENGTH CONFORMS TO ASTM C-90, WITH MIN. COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MIN. GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

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

E. ALUMINUM - MINIMUM 0.067" INCH THICK, 6063-T5 ALUMINUM.
- 13.INSTALLATION SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS FOR SEALING WINDOWS AND ACCESSORY ITEMS.

YKK AP America Inc.

YOW 350 TUH THERMAL ALUMINUM

OUTSWING CASEMENT WINDOW

(WZ3) (IMPACT)

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:

AAMA/WDMA/CSA 101/I.S.2/A440-17

ASTM E1886-19

ASTM E1996-20

TAS 201-94

TAS 202-94

TAS 203-94
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. DOCUMENTS SHALL BE APPROVED BY AUTHORITY HAVING JURISDICTION (AHJ).
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
7. WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
8. ALL STRUCTURAL MATERIALS & DISSIMILAR 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.
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEETS 11 & 12 FOR GLAZING DETAILS.
- 10.GLAZING SELECTION SHALL MEET SAFETY GLAZING REQUIREMENTS PER CURRENT FBC, CHAPTER 24.
- 11.GLASS SHALL BE SET WITH THE USE OF SETTING BLOCKS IN ACCORDANCE WITH CHAPTER 24 OF THE CURRENT FLORIDA BUILDING CODE.
- 12.GLAZING GASKETS SHALL MEET THE MINIMUM PERFORMANCE REQUIREMENTS AS APPLICABLE IN CHAPTER 24 OF THE CURRENT FLORIDA BUILDING CODE.

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DESIGN PRESSURE TABLE		
MAX. VENT SIZE	MAX. DP	IMPACT RATING
48" X 72"	+65/-65 PSF	SEE SHEET 11 & 12

- NOTES:
1. MAXIMUM SIZE LISTED ABOVE IS AS-TESTED OVERALL SINGLE UNIT VENT SIZE, SEE SHEET 3A FOR ALTERNATE APPROVED VENT SIZES & HARDWARE OPTIONS AND SHEET 2 FOR MULLED CONFIGURATION SIZES.
2. SEE SHEET 3 FOR DESIGN PRESSURES LIMITED BY GLASS TYPE AND VENT SIZE.
3. MAXIMUM VENT SQUARE FOOTAGE SHALL NOT EXCEED TESTED SIZE.
4. SEE SHEET 11 & 12 FOR GLAZING DETAILS AND MISSILE SIZE IMPACT RATINGS.
5. FURTHER LIMITATIONS OF DESIGN PRESSURES DUE TO HARDWARE ASSEMBLIES FOUND ON SHEET 3.

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DUBLIN, GEORGIA 31021

PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YOW 350 TUH THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.
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BUILDING DROPS

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2023 FBC CODE UPDATE	MS	05.05.23
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Reason: I am approving this document
Date: 2024.02.26 11:36:19 -05'00'

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

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FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL16312

DATE:
8.26.15

DWG. BY:
SM

CHK. BY:
HFN

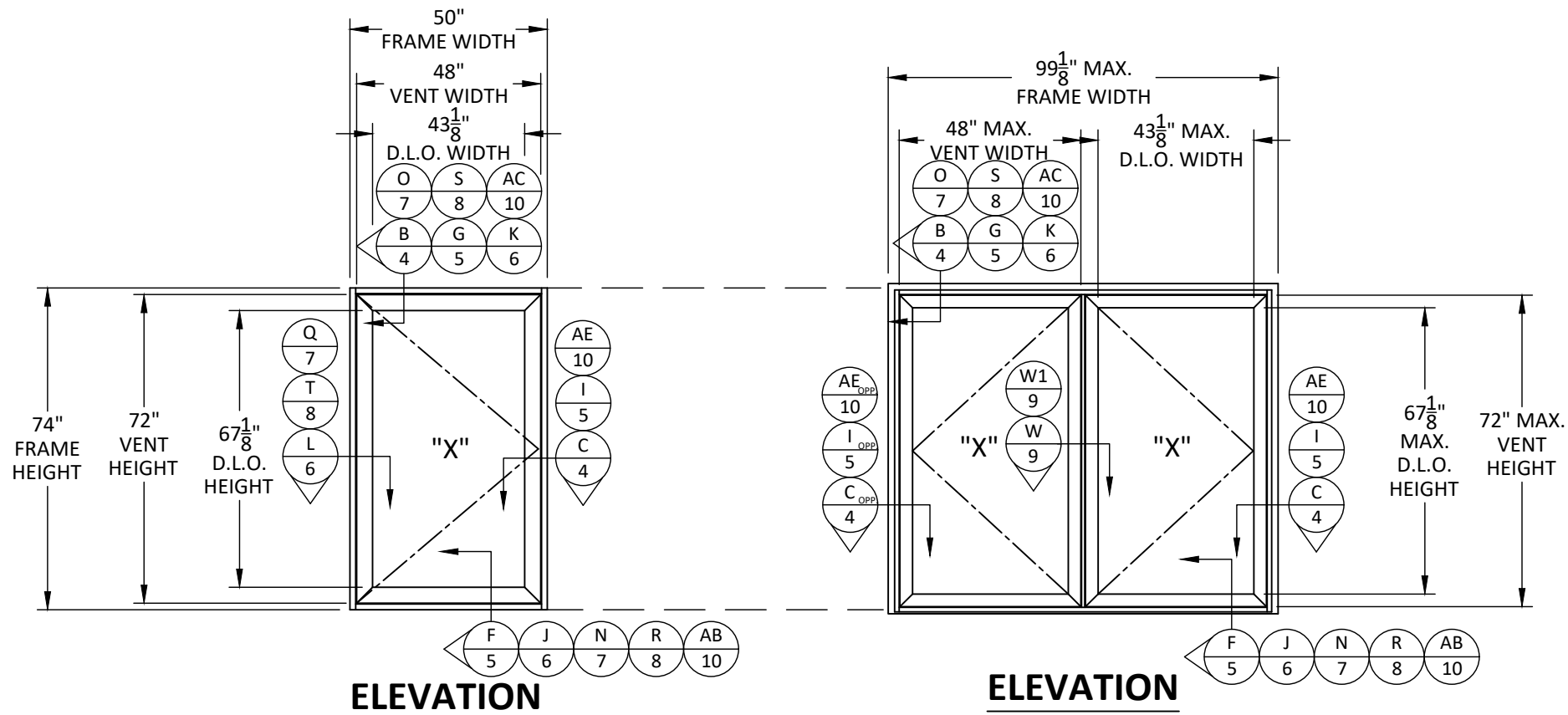
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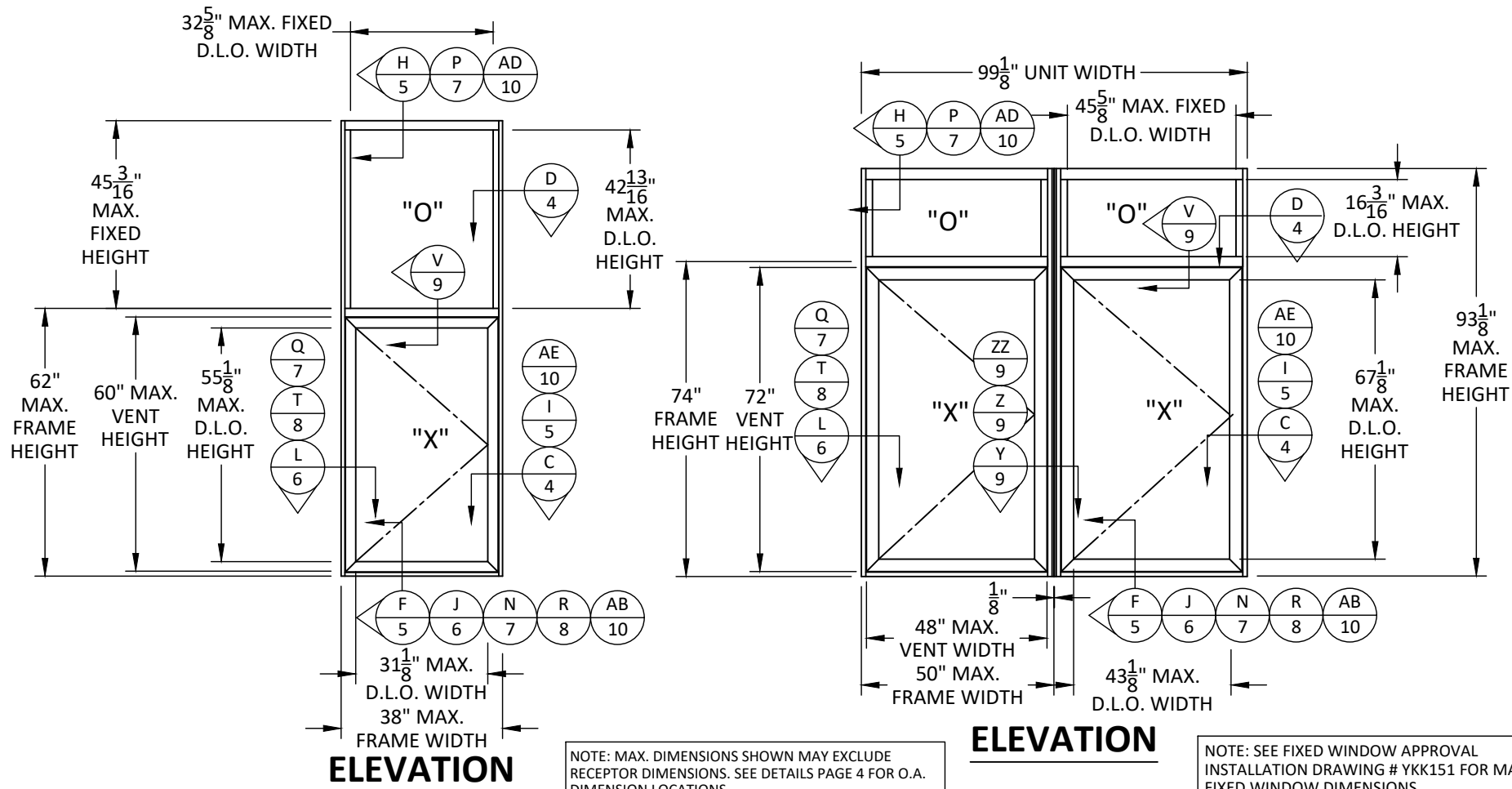
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ELEVATION

ELEVATION

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



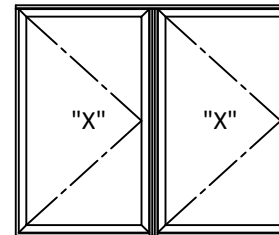
ELEVATION

ELEVATION

NOTE: MAX. DIMENSIONS SHOWN MAY EXCLUDE RECEPTOR DIMENSIONS. SEE DETAILS PAGE 4 FOR O.A. DIMENSION LOCATIONS.

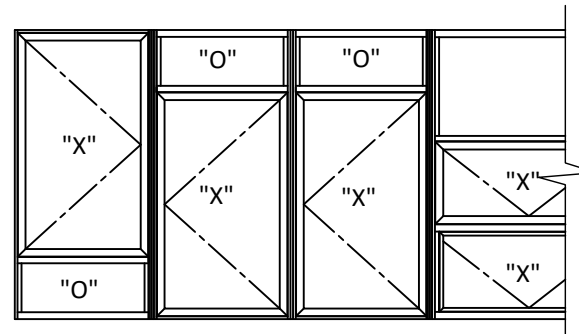
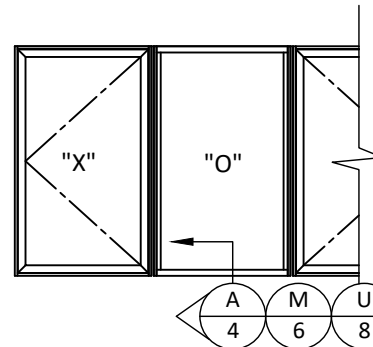
NOTE: SEE FIXED WINDOW APPROVAL INSTALLATION DRAWING # YKK151 FOR MAX. FIXED WINDOW DIMENSIONS.

QUALIFIED CONFIGURATIONS



NOTES:

- LEFT HAND & RIGHT HAND UNITS ARE INTERCHANGEABLE. DETAILS SHALL BE SIMILAR TO THOSE SHOWN HEREIN.



NOTES:

- TESTED SIZE UNITS MAY BE MULLED SIDE BY SIDE IN COMBINATIONS OF CASEMENT/FIXED, CASEMENT/CASEMENT, CASEMENT/PROJECT OUT, AND/OR OTHER APPROVED PRODUCTS.
- MULLS SHALL BE AS SHOWN HEREIN OR APPROVED UNDER SEPARATE APPROVAL.
- FIXED WINDOWS AND OTHER ALTERNATE WINDOW TYPES UNDER SEPARATE APPROVAL (SEE APPROVED INSTALLATION INSTRUCTIONS YKK151 & YKK152).
- UNITS MAY UTILIZE INTEGRAL MULLS FOR FIXED OVER CASEMENT OR CASEMENT OVER FIXED CONFIGURATIONS



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TITLE:
YOW 350 THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)

ELEVATIONS &
QUALIFIED CONFIGURATIONS

PREPARED BY:

BUILDING DROPS, INC.

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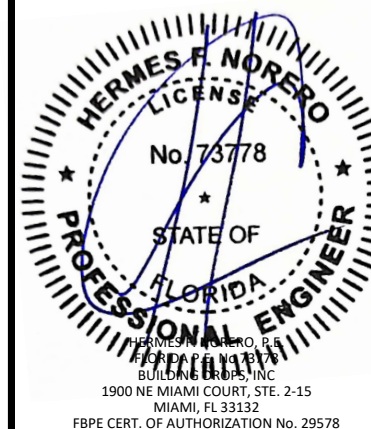
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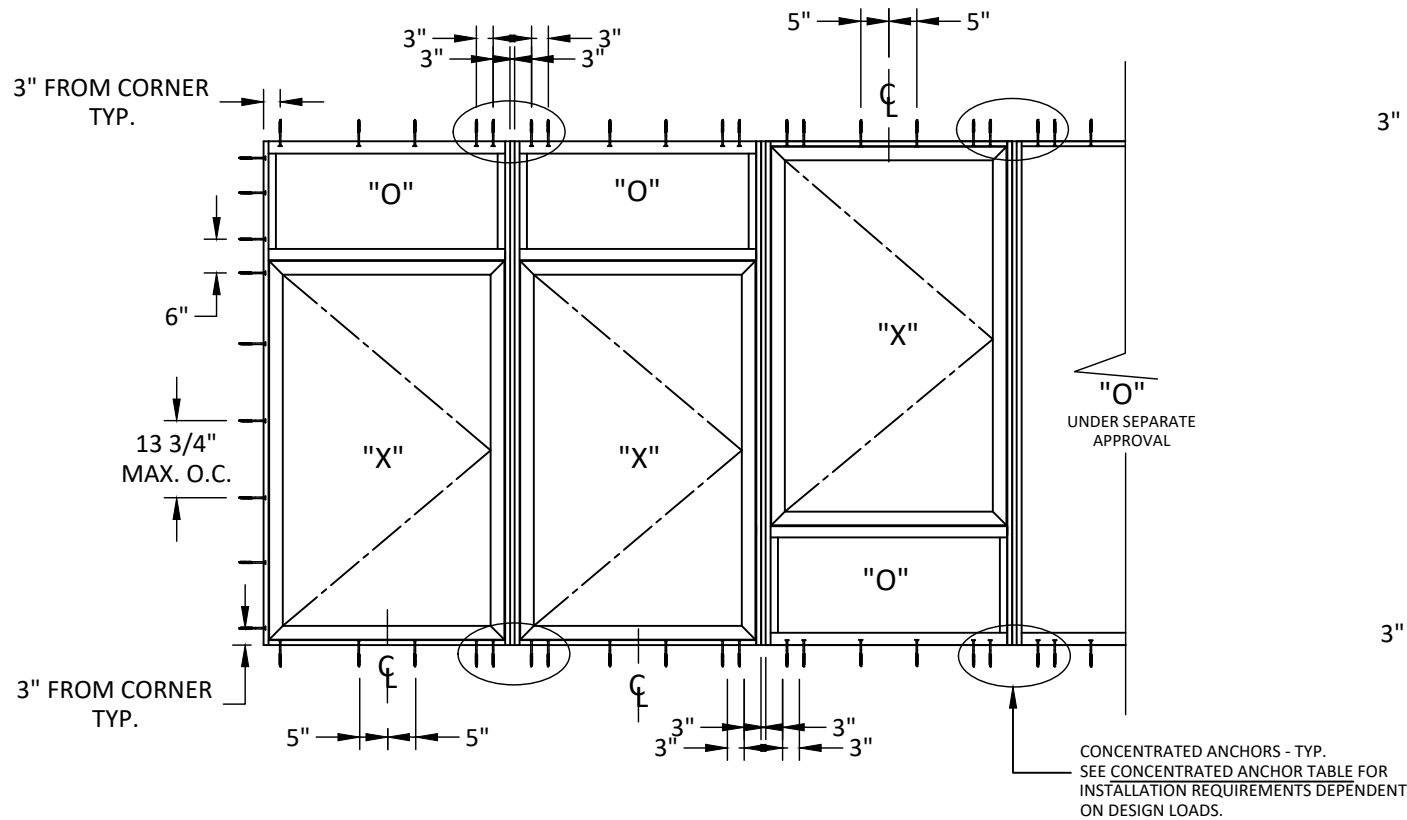
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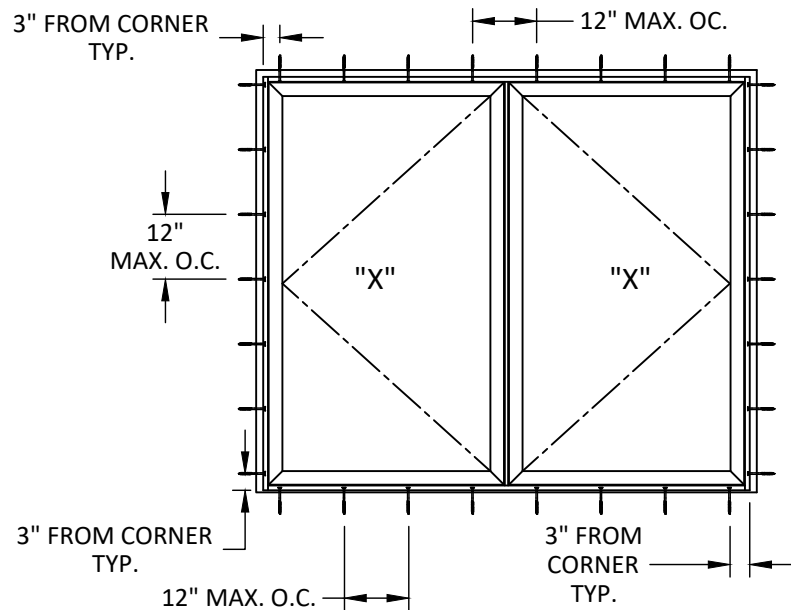


ANCHOR LAYOUT
STRAP, ANCHOR CLIP, THRU FRAME, TWIST ANCHOR, RECEPTOR SYSTEM, OR TRIM/CLIP INSTALLATIONS

CONCENTRATED ANCHOR TABLE

MAX. DESIGN PRESSURE (+/- PSF)	MIN. QTY REQUIRED AT EA. END OF STACK MULL*	MIN. QTY REQUIRED AT SILL OF STACK MULL FOR RECEPTOR INSTALLATION**
35	2	4
65	4	6

NOTE:
* QUANTITY OF ANCHORS IS THE MINIMUM REQUIRED QUANTITY OF ANCHORS ADJACENT TO EA. SIDE OF STACK MULLION. ANCHORS SHALL BE SPACED 3" O.C. TO EA. SIDE OF MULL. APPLICABLE TO RECEPTOR AT HEAD ONLY, ANCHOR CLIP, STRAP, TWIST ANCHOR, AND THROUGH FRAME INSTALLATIONS.
** QUANTITY OF ANCHORS IS THE MINIMUM REQUIRED QUANTITY OF ANCHORS THROUGH THE RECEPTOR SILL (SEE TYP. DETAIL A/4) ADJACENT TO EA. SIDE OF STACK MULL. ANCHORS SHALL BE SPACED 3" O.C. TO EA. SIDE OF MULL.



ANCHOR LAYOUT
FRENCH CASEMENT
STRAP, ANCHOR CLIP, THRU FRAME, TWIST ANCHOR, RECEPTOR SYSTEM, OR TRIM/CLIP INSTALLATIONS

GLASS LOAD CAPACITY (PSF)			
VENT DIMENSIONS		TYPES A, B, C, F, G, H & I	TYPES J & K
WIDTH (IN.)	HEIGHT (IN.)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
44	48	65.0	65.0
72		-	65.0
39	54	65.0	65.0
63		-	65.0
36.5	58	65.0	65.0
60		-	65.0
36	60	65.0	65.0
57		-	65.0
30	66	65.0	65.0
52		-	65.0
30	72	65.0	65.0
48		-	65.0
28	78	65.0	65.0
44		-	65.0
41	84	-	65.0
38	90	-	65.0

FRAME HEIGHT = VENT HEIGHT + 2"
FRAME WIDTH = VENT WIDTH + 2"
GLASS WIDTH = VENT WIDTH - 4 7/8"
GLASS HEIGHT = VENT HEIGHT - 4 7/8"



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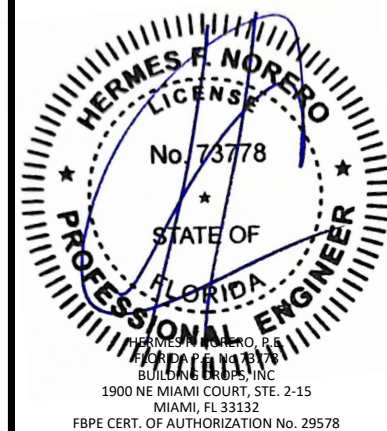
TITLE:
YOW 350 TUB THERMAL ALUMINUM CASEMENT OUTSWING WINDOW (WZ3) (IMPACT)
ANCHOR LAYOUTS & GLASS DESIGN PRESSURE TABLE

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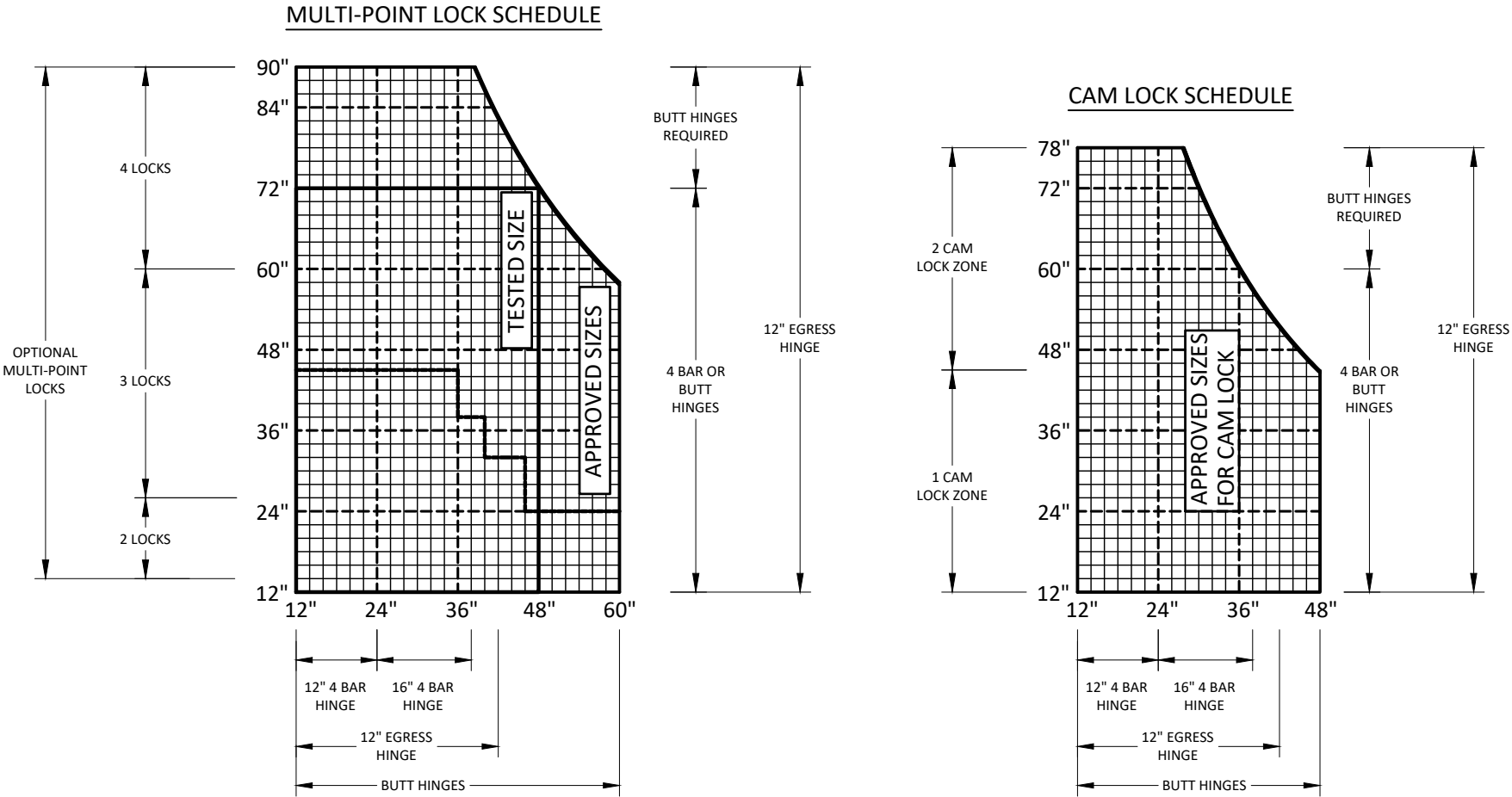
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APPROVED OUTSWING VENT SIZES



MULTI-POINT SCHEDULE

NUMBER OF REQUIRED LOCK ENGAGEMENTS	VENT HEIGHT (H)
4	90" > H > 60"
3	60" > H > 26"
2	26" > H > 14"

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

BUTT HINGE SCHEDULE

NUMBER OF REQUIRED BUTT HINGES	VENT HEIGHT (H)
4	90" > H > 72"
3	72" > H > 44"
2	44" > H

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

OUTSWING HARDWARE SCHEDULE

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 OR E1-1994, 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. SEE SNUBBER SCHEDULE FOR REQUIRED QUANTITY OF SNUBBERS.
	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. SEE SNUBBER SCHEDULE FOR REQUIRED QUANTITY OF SNUBBERS.

- NOTES:
- VENT SIZES SHOWN IN DIAGRAM ABOVE ARE APPROVED FOR USE AT +65 / -65 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 THE TABLE BELOW.
 - UNITS SHALL FOLLOW HARDWARE REQUIREMENTS SHOWN ABOVE.



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TITLE:
YOW 350 THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)
APPROVED SIZES &
HARDWARE SCHEDULE

PREPARED BY:
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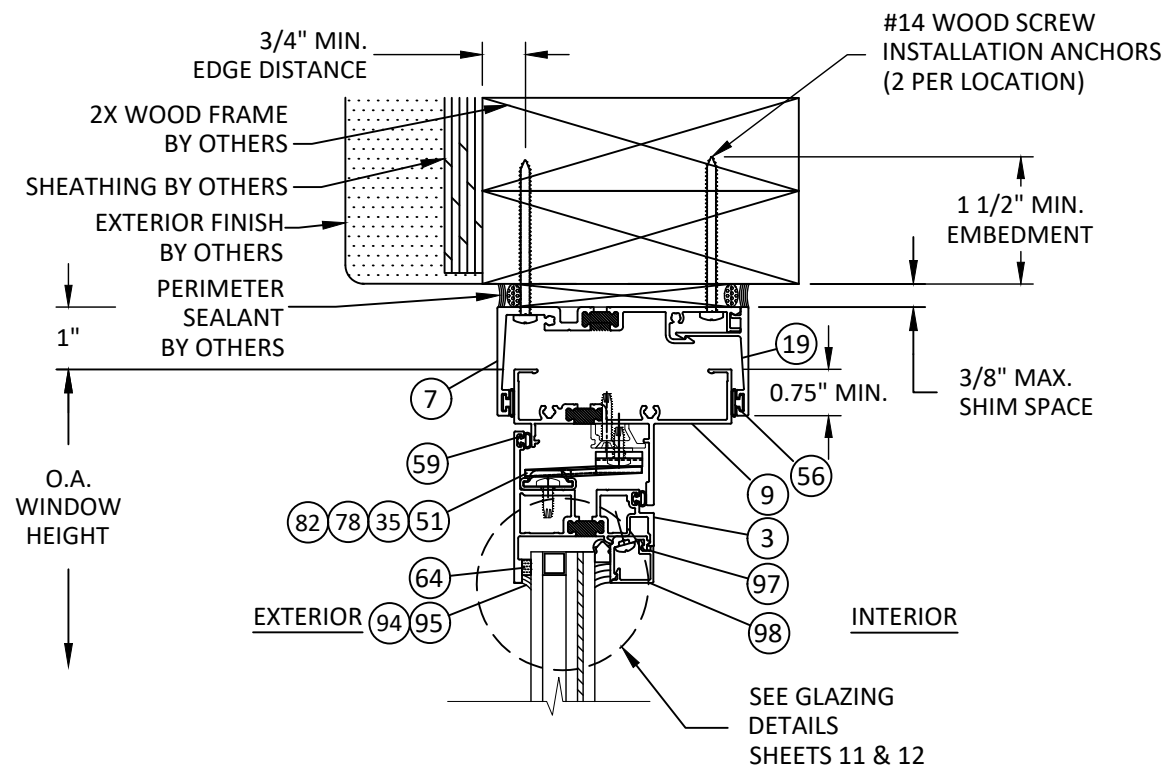
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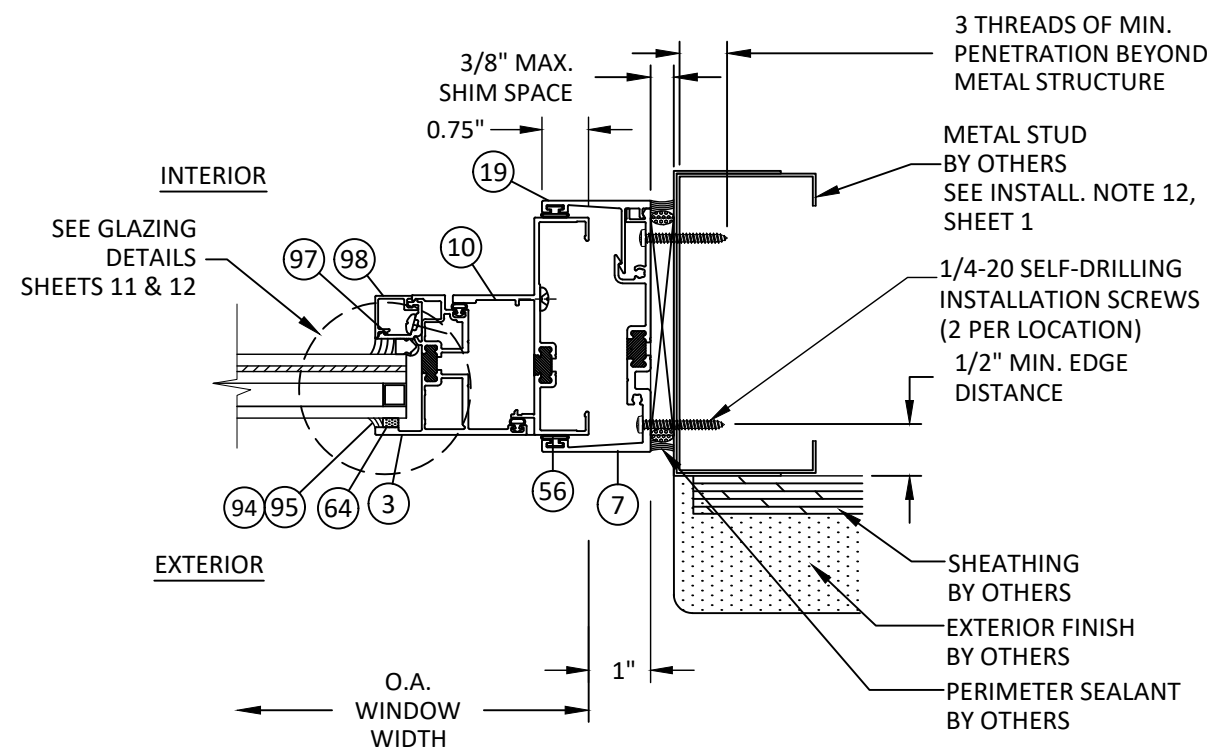
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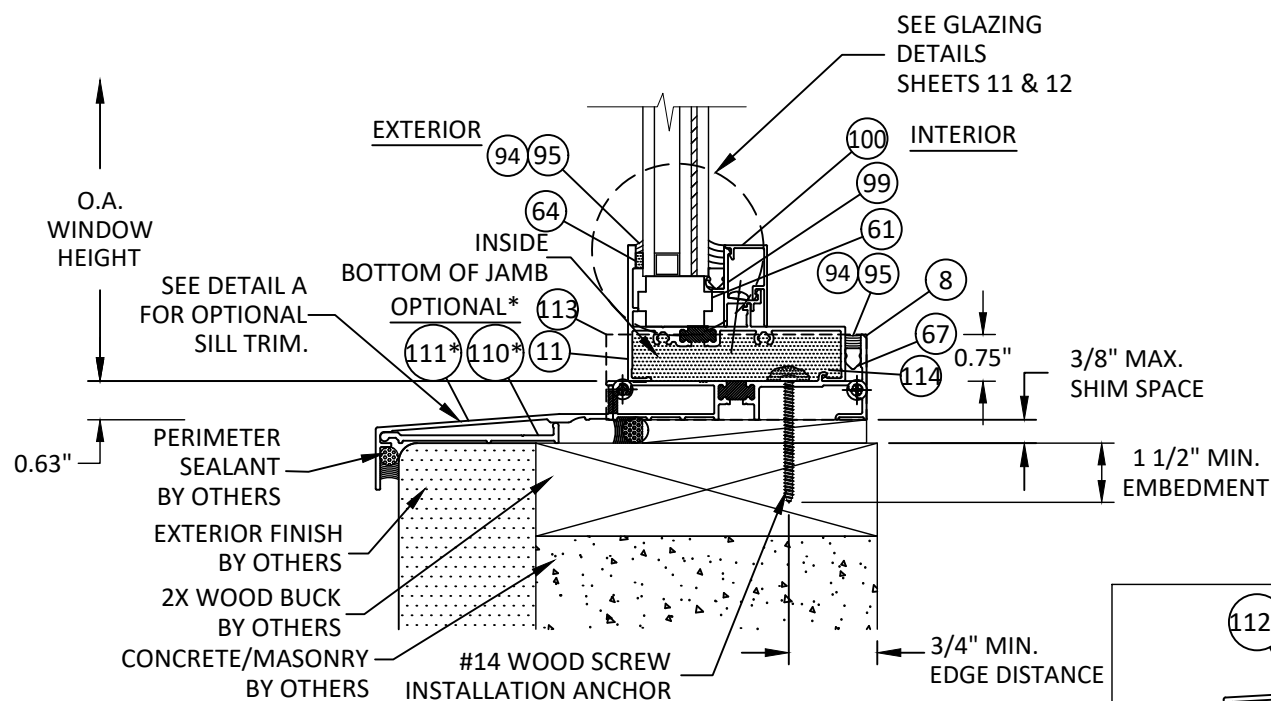
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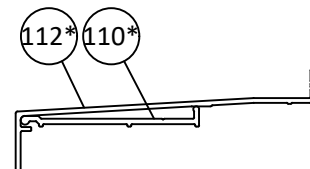
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4 **VERTICAL SECTION**
OUTSWING VENT HEAD - 2X WOOD FRAME
INT. SET RECEPTOR - TYP.



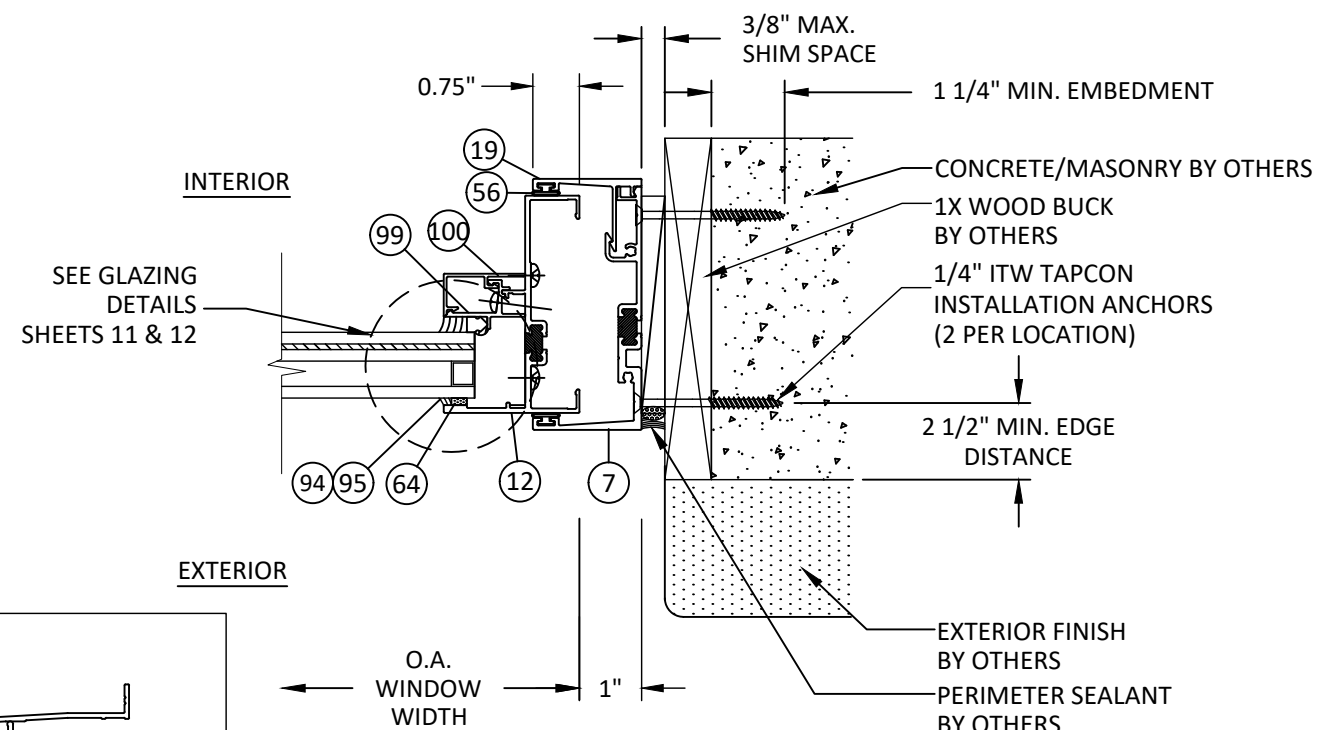
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4 **HORIZONTAL SECTION**
OUTSWING VENT JAMB - METAL STUD
INT. SET RECEPTOR - TYP.



A
4 **VERTICAL SECTION**
FIXED SILL - 2X WOOD BUCK
SILL FLASHING - TYP.



**OPTIONAL SILL TRIM
DETAIL A**



D
4 **HORIZONTAL SECTION**
FIXED JAMB - 1X/CONCRETE/MASONRY
INT. SET RECEPTOR - TYP.



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CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)

RECEPTOR INSTALLATION DETAILS

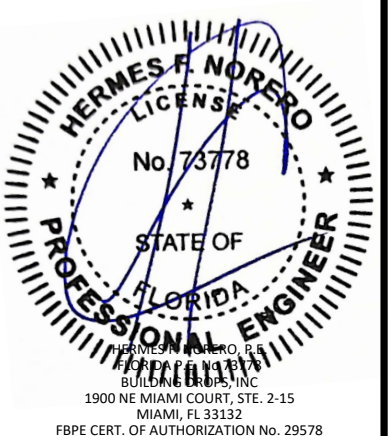
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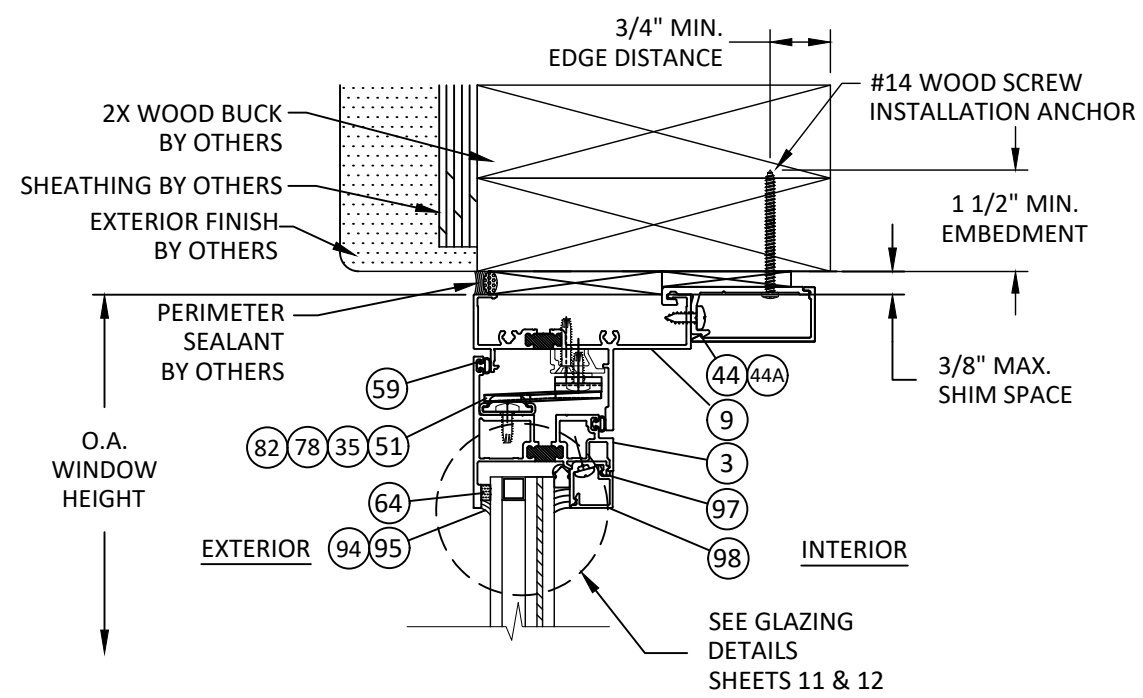
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



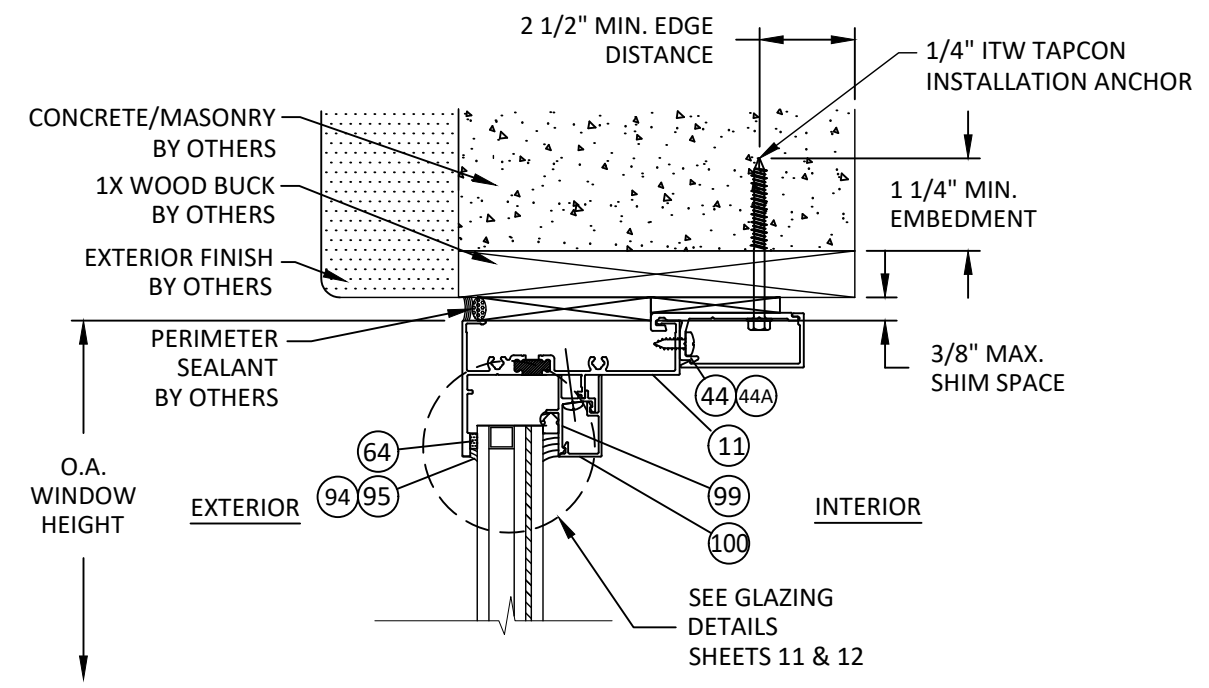
FL #:	FL16312
DATE:	8.26.15
DWG. BY:	SM
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK153
SHEET:	4

4

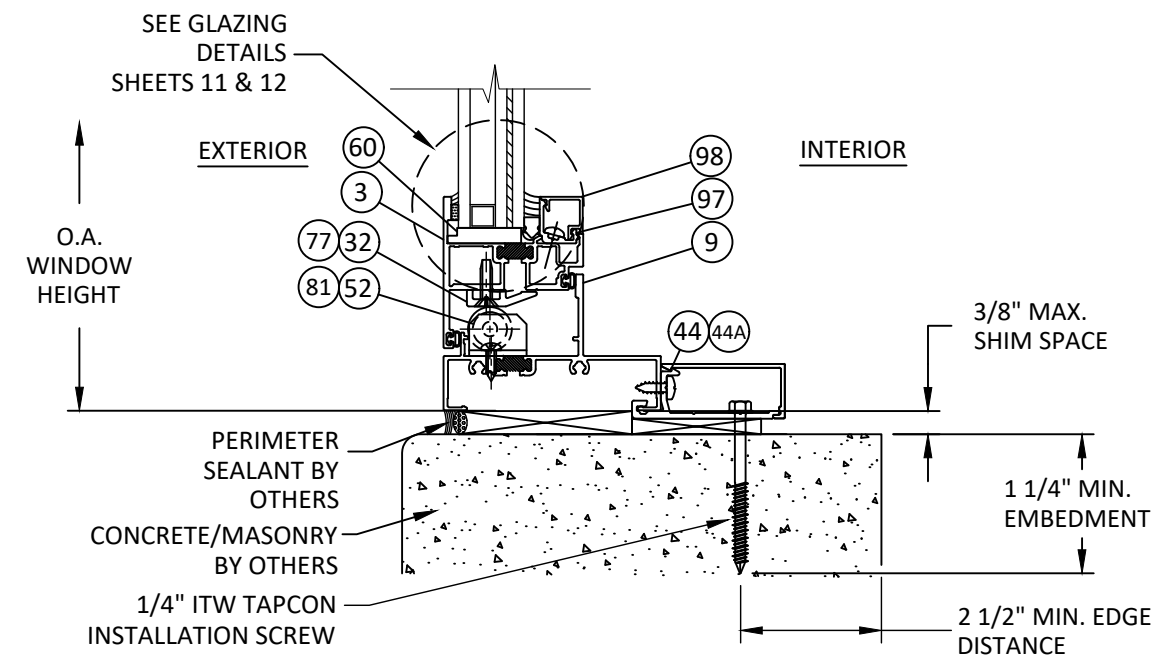
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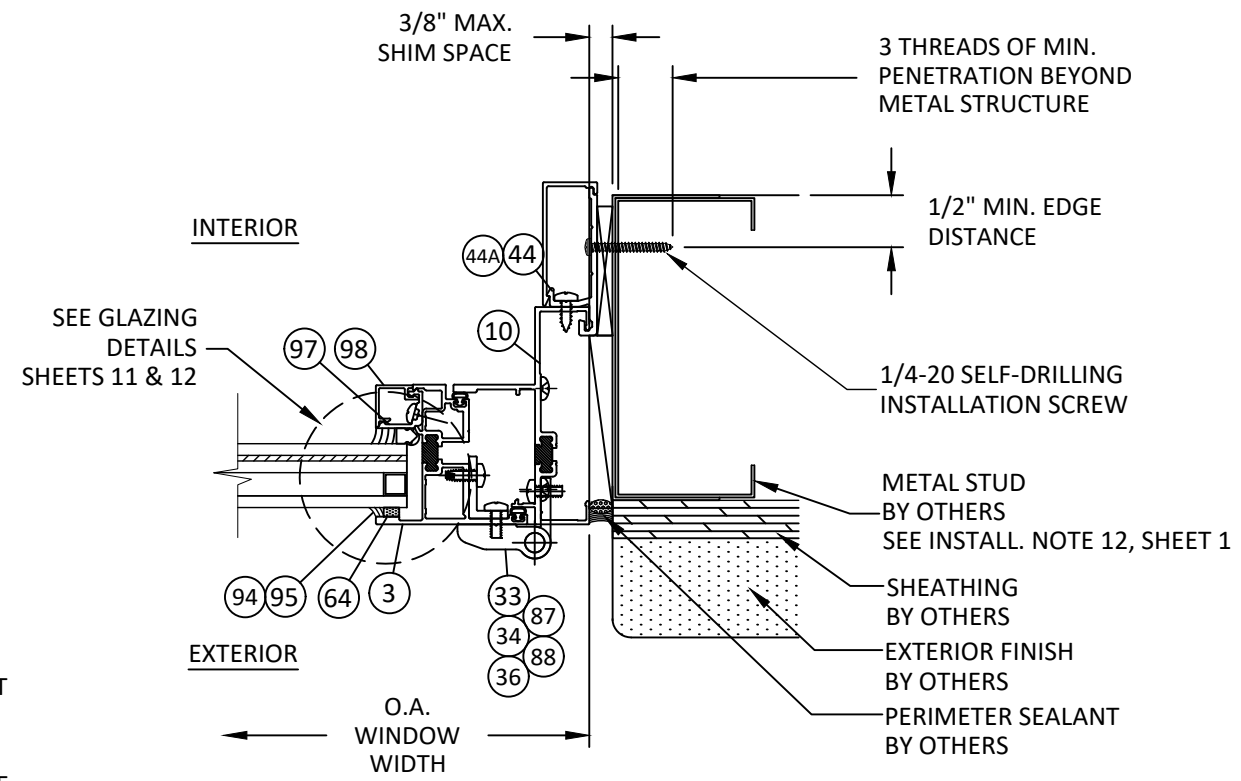
G
5 **VERTICAL SECTION**
OUTSWING VENT HEAD - 2X WOOD FRAME
CLIP ANCHOR - TYP.



H
5 **VERTICAL SECTION**
FIXED HEAD - 1X/CONCRETE/MASONRY
CLIP ANCHOR - TYP.



F
5 **VERTICAL SECTION**
OUTSWING VENT SILL - CONCRETE/MASONRY
CLIP ANCHOR - TYP.



I
5 **HORIZONTAL SECTION**
OUTSWING VENT HINGE JAMB - METAL STUD
CLIP ANCHOR - TYP.



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

TITLE: YOW 350 TUB THERMAL ALUMINUM CASEMENT OUTSWING WINDOW (WZ3) (IMPACT)

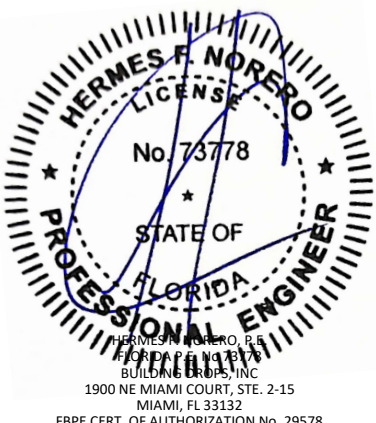
CLIP INSTALLATION DETAILS

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



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2023 FBC CODE UPDATE	MS	05.05.23
MISC UPDATE	SH	02.26.24

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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:

8.26.15

DWG. BY:

SM

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

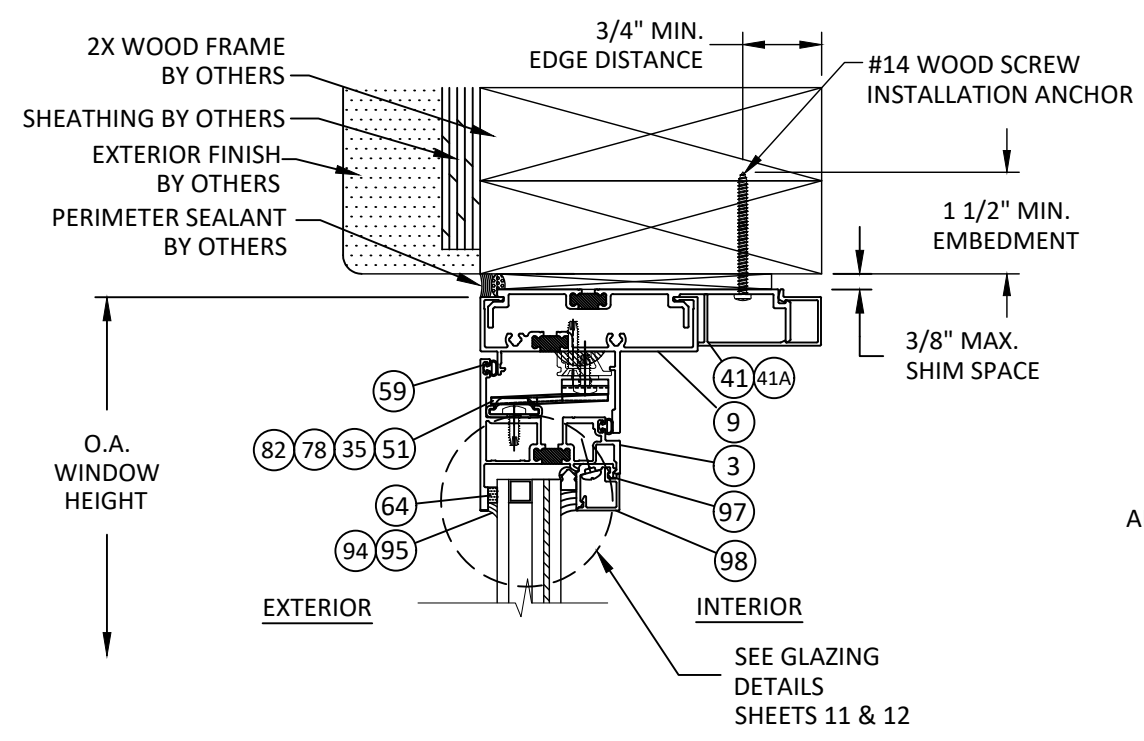
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SHEET:

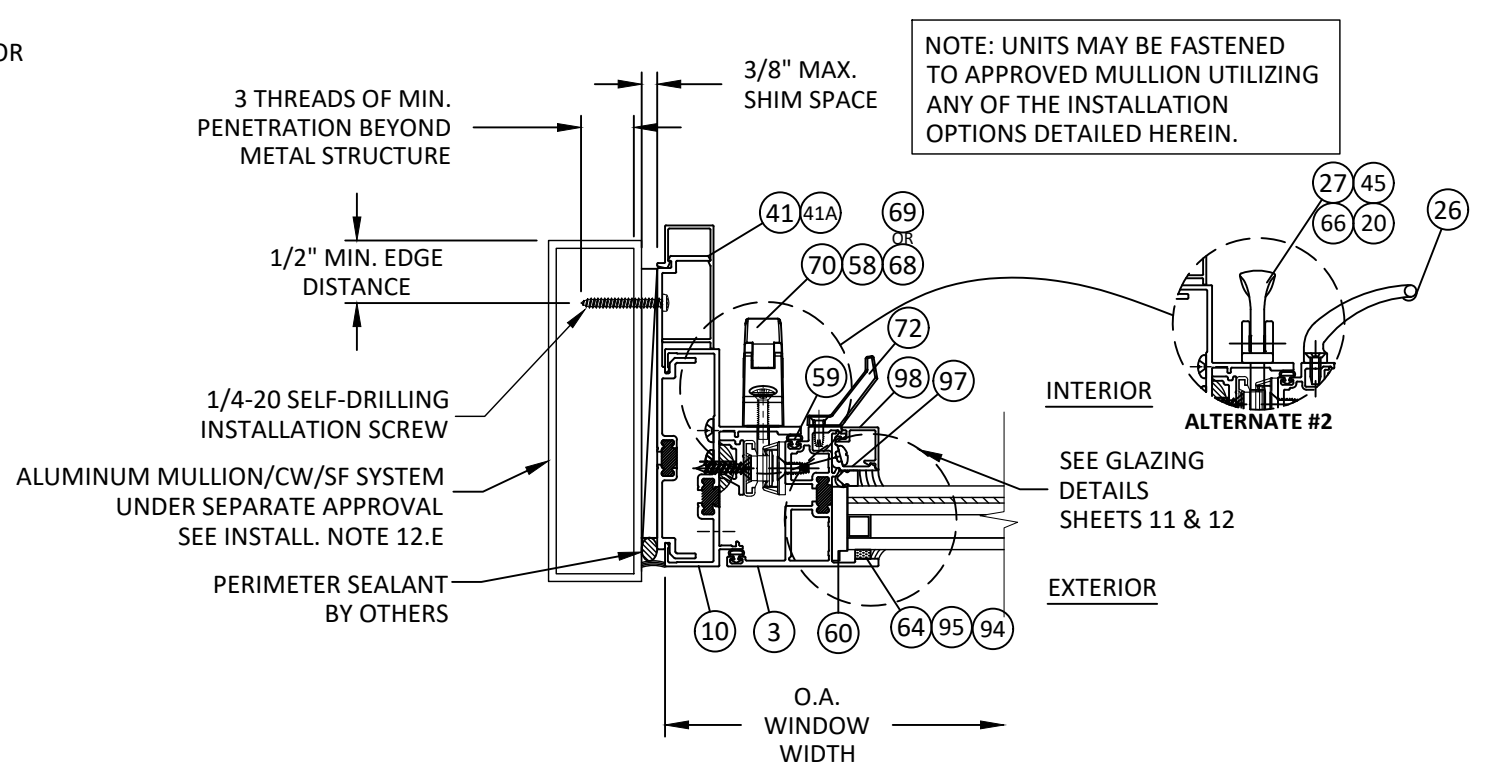
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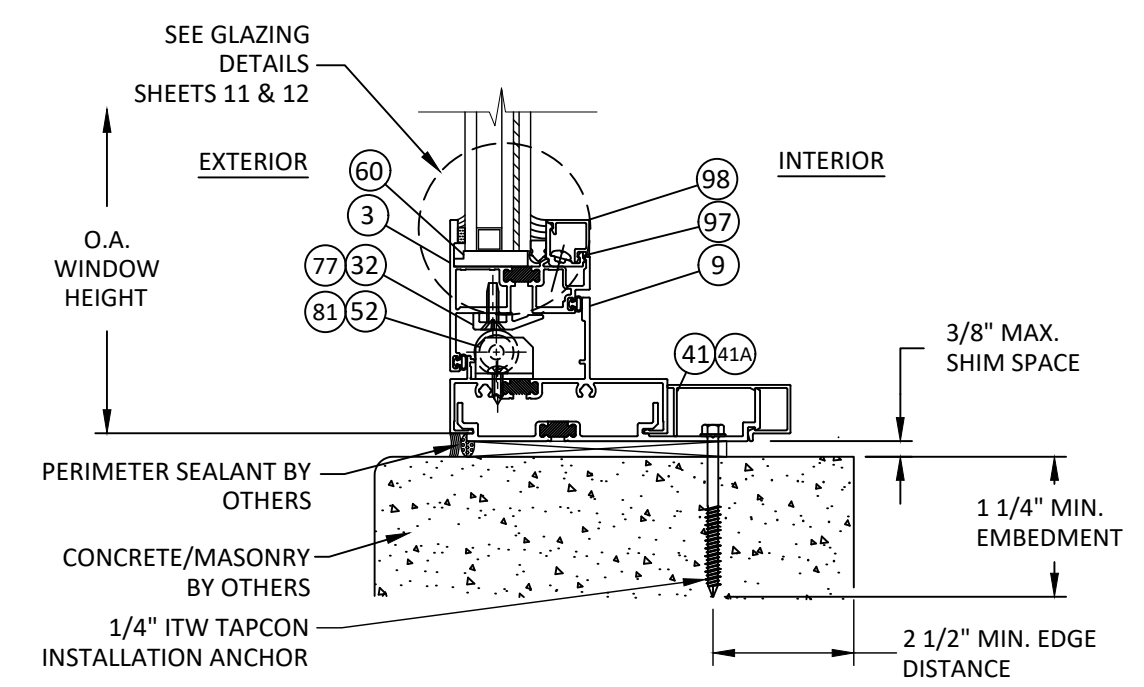
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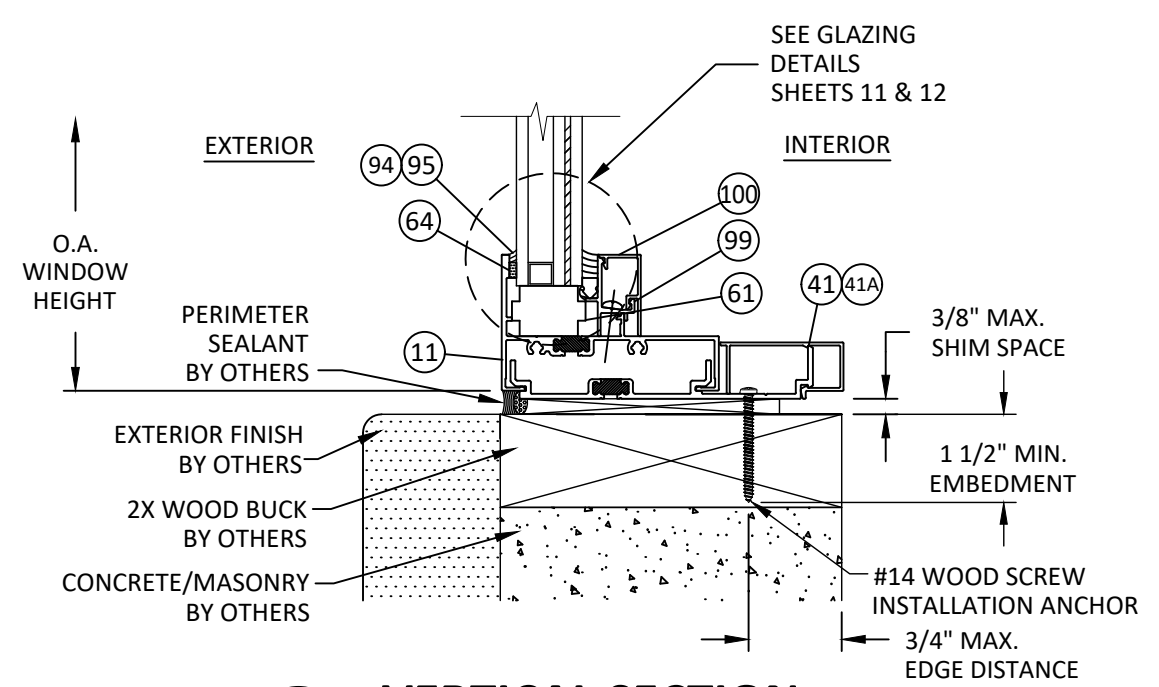
K
6 VERTICAL SECTION
OUTSWING VENT HEAD - 2X WOOD FRAME
STRAP ANCHOR - TYP.



L
6 HORIZONTAL SECTION
OUTSWING VENT LOCK JAMB - MULL TUBE
STRAP ANCHOR - TYP.
ALTERNATE #1



J
6 VERTICAL SECTION
OUTSWING VENT SILL - CONCRETE/MASONRY
STRAP ANCHOR - TYP.



M
6 VERTICAL SECTION
FIXED SILL - 2X WOOD BUCK
STRAP ANCHOR - TYP.

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

TITLE: YOW 350 TUB THERMAL ALUMINUM CASEMENT OUTSWING WINDOW (WZ3) (IMPACT)

STRAP 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

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

FL #: FL16312

DATE: 8.26.15

DWG. BY: SM	CHK. BY: HFN
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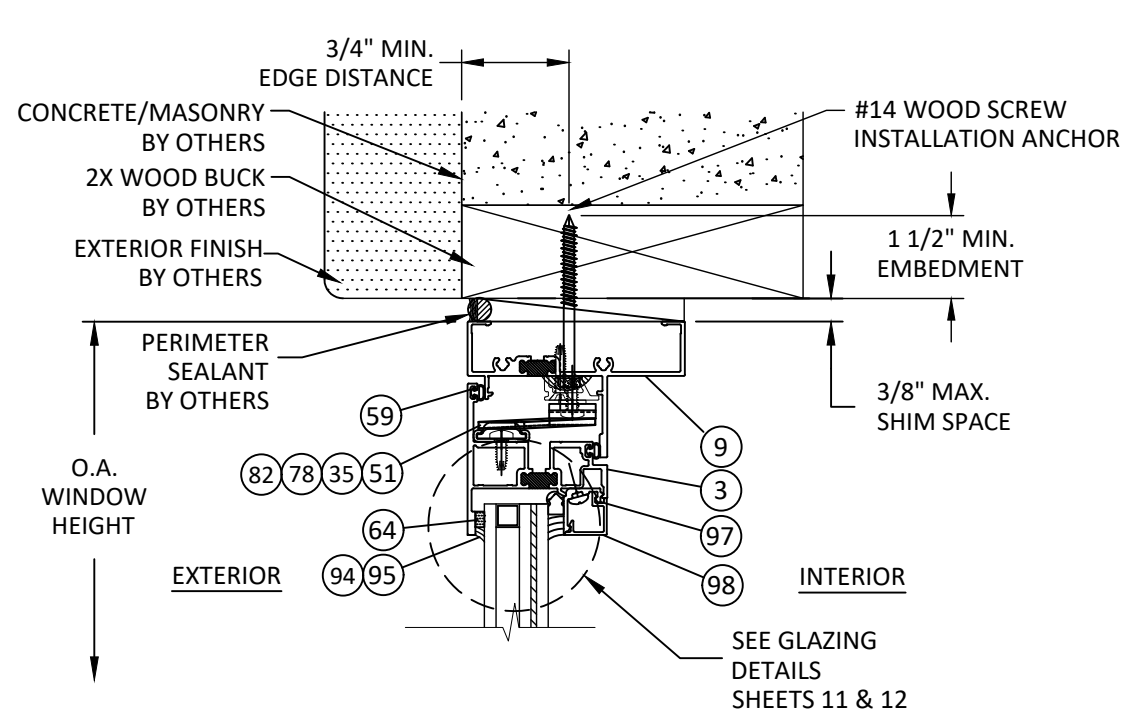
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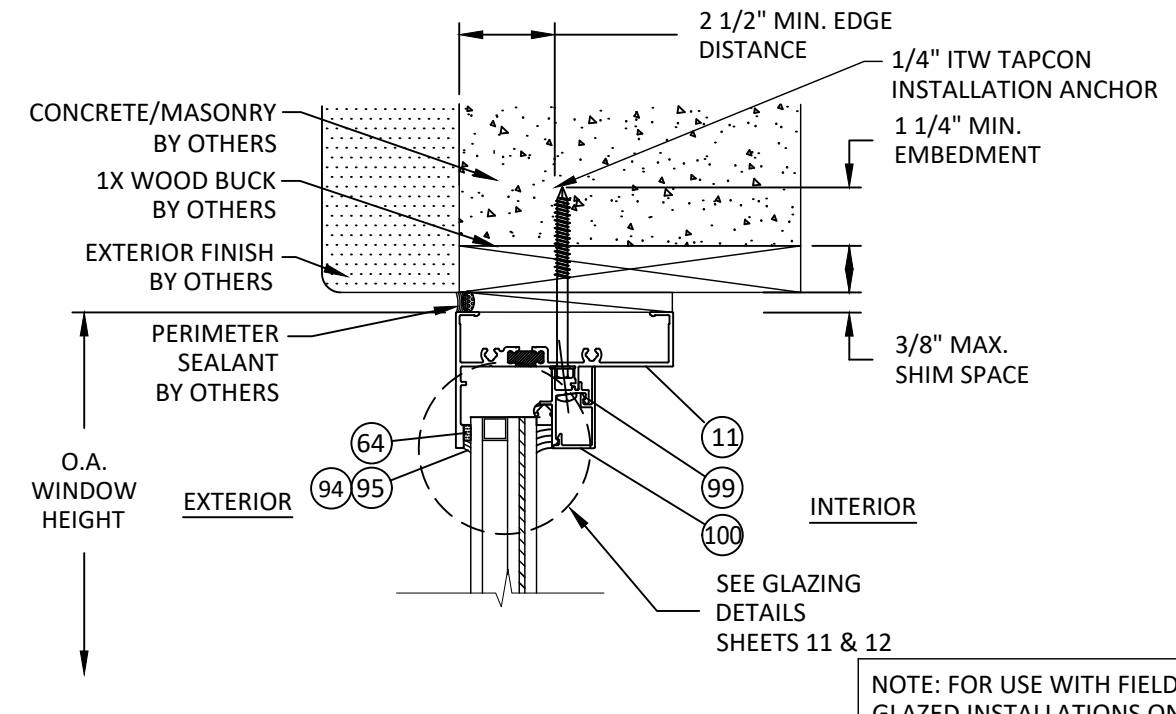
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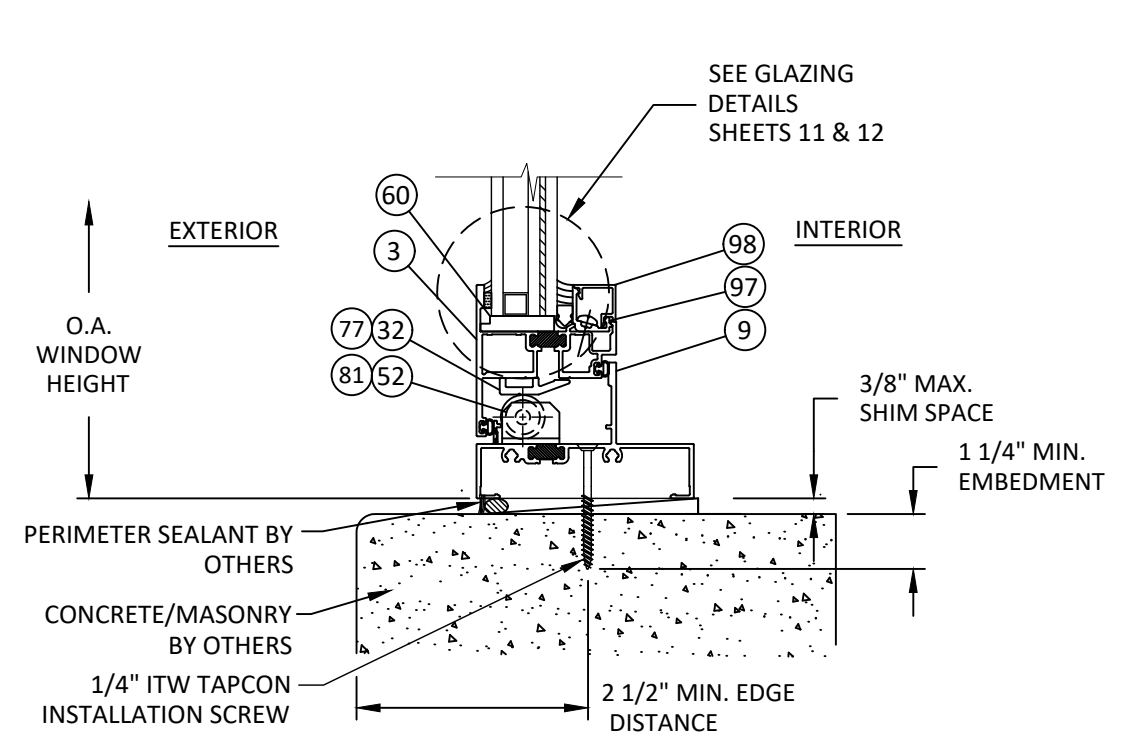
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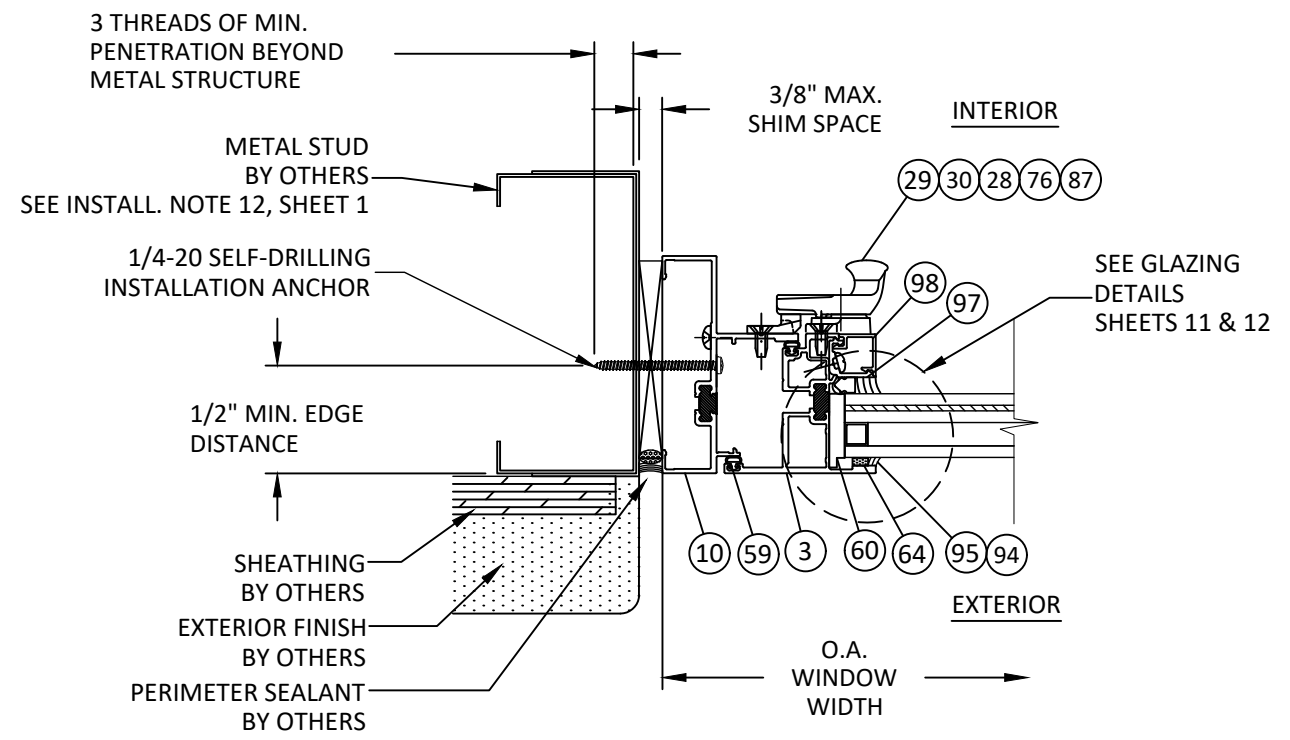
O7 VERTICAL SECTION
OUTSWING VENT HEAD - 2X WOOD BUCK
THROUGH FRAME- TYP.



P7 VERTICAL SECTION
FIXED HEAD - 1X/CONCRETE/MASONRY
THROUGH FRAME - TYP.



N7 VERTICAL SECTION
OUTSWING VENT SILL - CONCRETE/MASONRY
THROUGH FRAME - TYP.



Q7 HORIZONTAL SECTION
OUTSWING VENT LOCK JAMB - METAL STUD
THROUGH FRAME - TYP.

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PH: (478)277-1955 FAX: (678)838-6001

TITLE: YOW 350 THERMAL ALUMINUM CASEMENT OUTSWING WINDOW (WZ3) (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

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

FL #:

FL16312

DATE: **8.26.15**

DWG. BY: **SM** CHK. BY: **HFN**

SCALE: **NTS**

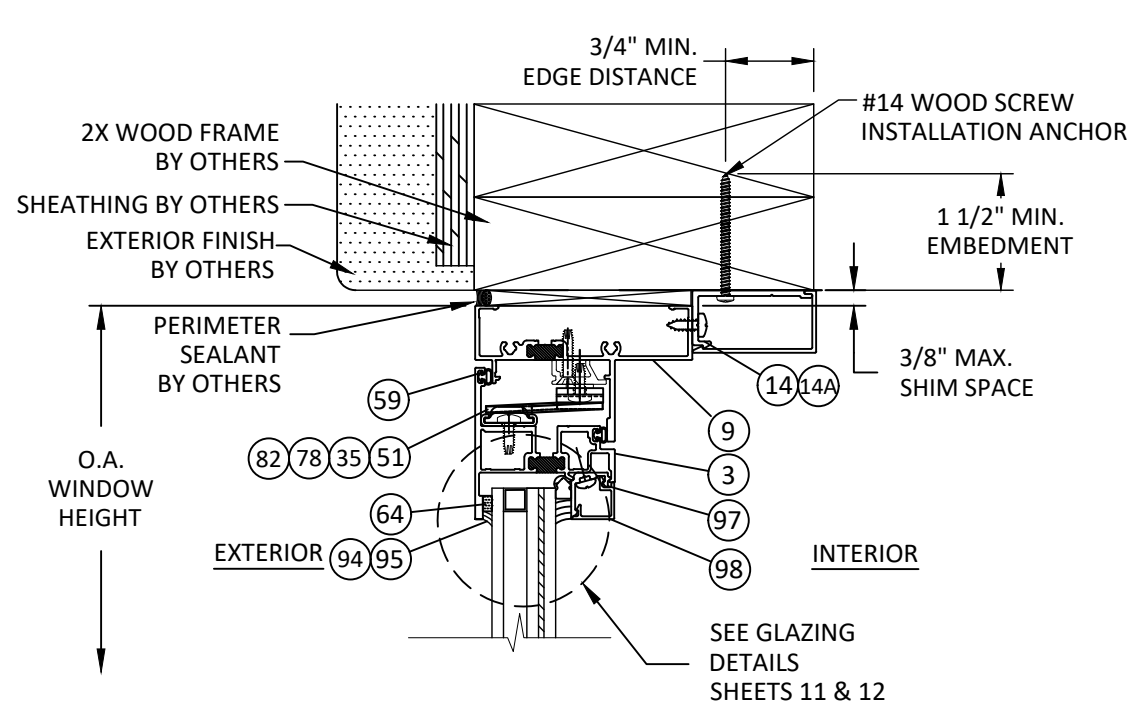
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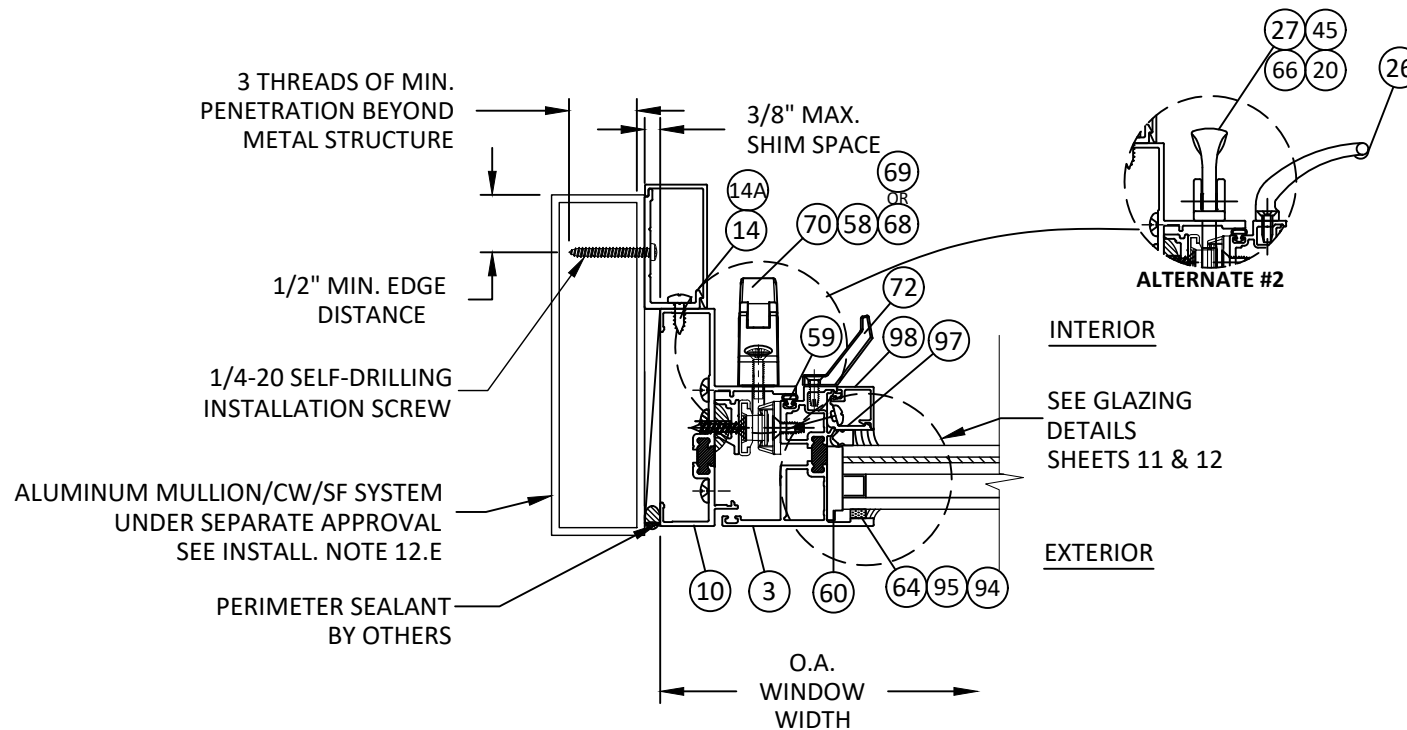
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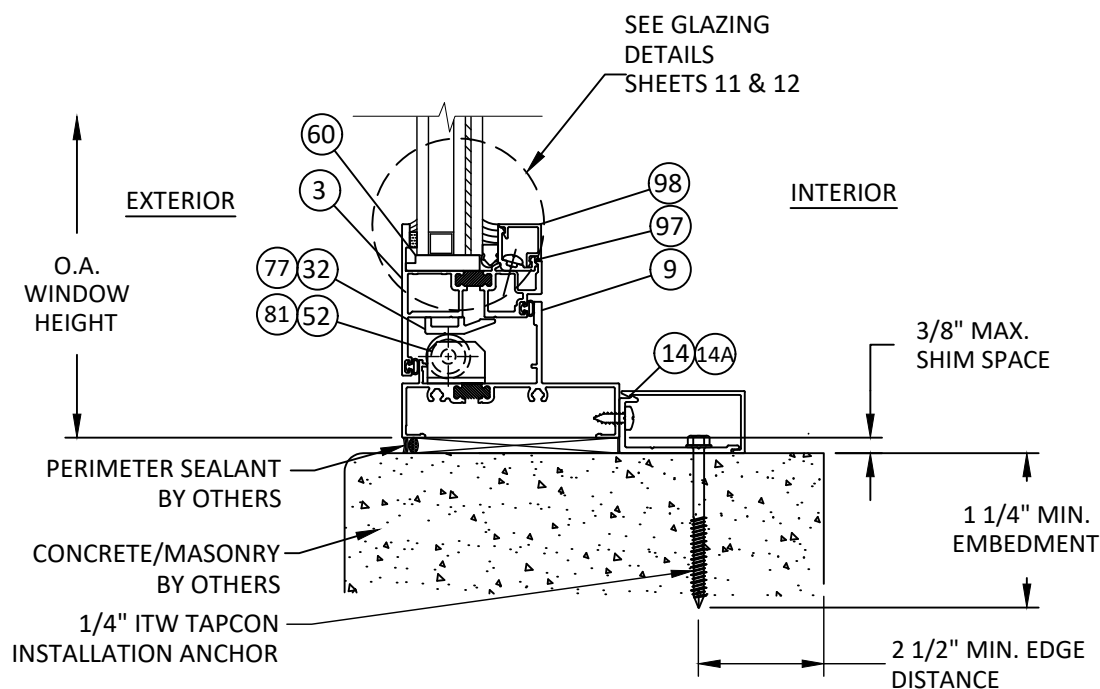
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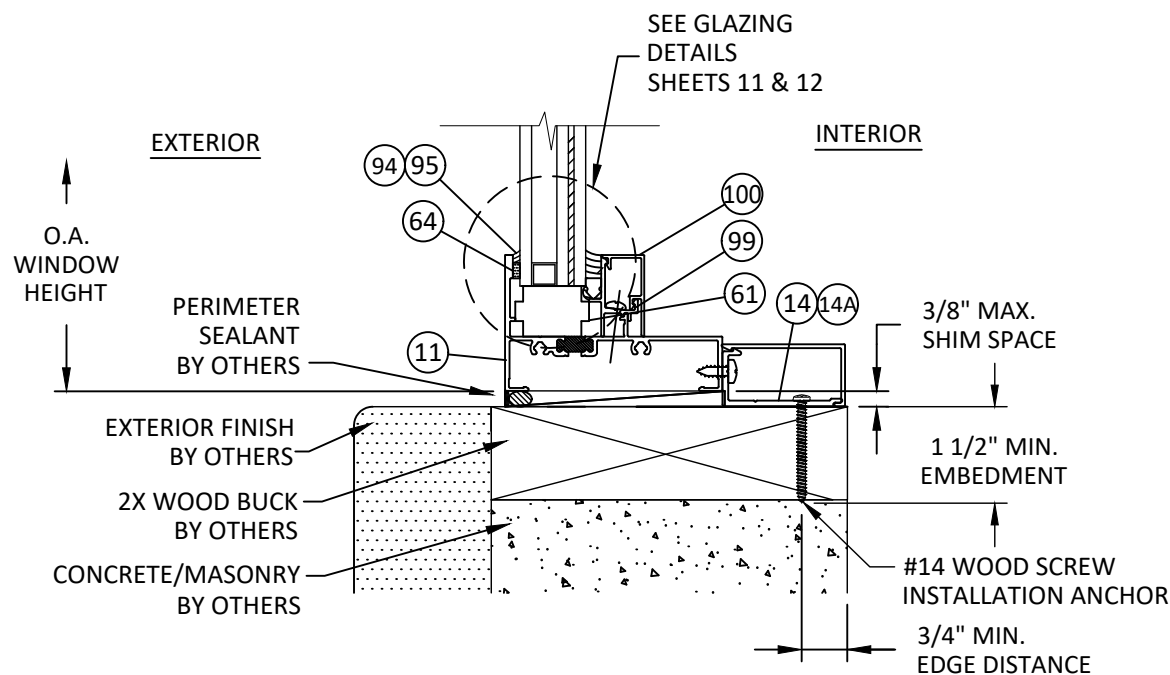
S
8 **VERTICAL SECTION**
OUTSWING VENT HEAD - 2X WOOD FRAME
TRIM CLIP ANCHOR - TYP.



T
8 **HORIZONTAL SECTION**
OUTSWING VENT LOCK JAMB - MULL TUBE
TRIM CLIP ANCHOR - TYP.
ALTERNATE #1



R
8 **VERTICAL SECTION**
OUTSWING VENT SILL - CONCRETE/MASONRY
TRIM CLIP ANCHOR - TYP.



U
8 **VERTICAL SECTION**
FIXED SILL - 2X WOOD BUCK
TRIM CLIP ANCHOR - TYP.



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

TITLE:
YOW 350 TUB THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)

TRIM CLIP ANCHOR INSTALLATION

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132

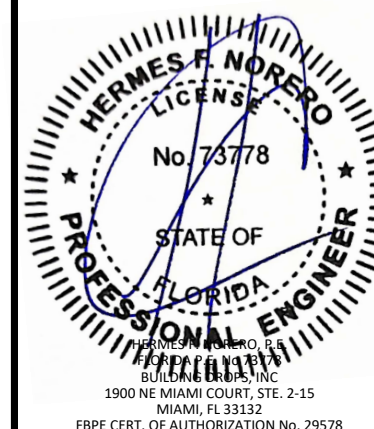
PH: (954)399-8478
FAX: (954)744-4738

WEB: www.buildingdrops.com



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FL #:

FL16312

DATE: 8.26.15

DWG. BY:
SM

CHK. BY:
HFN

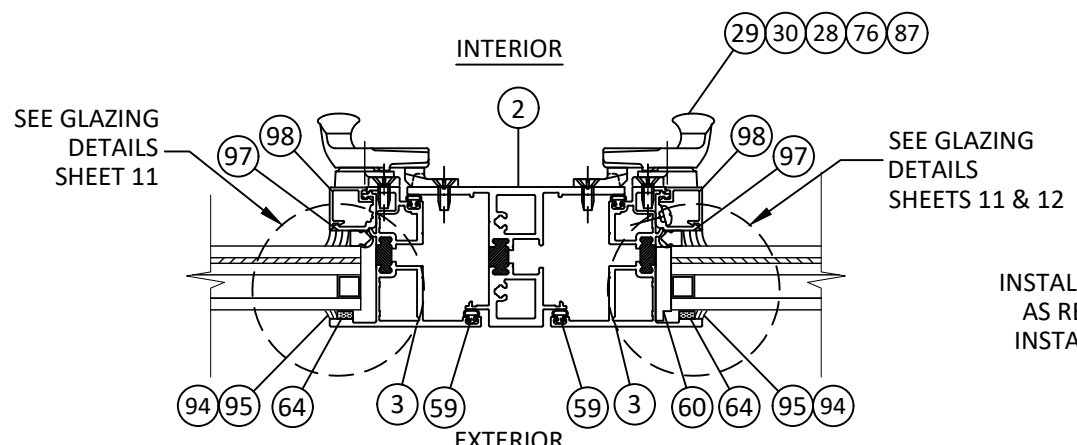
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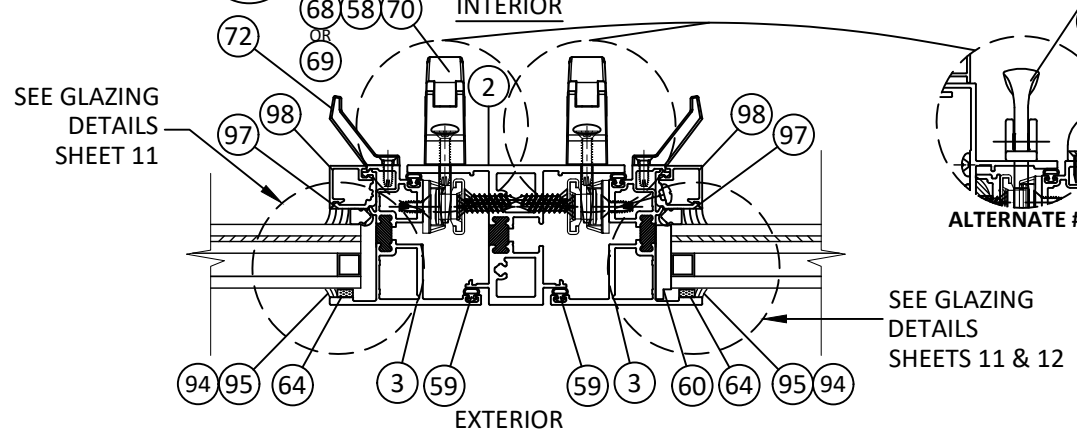
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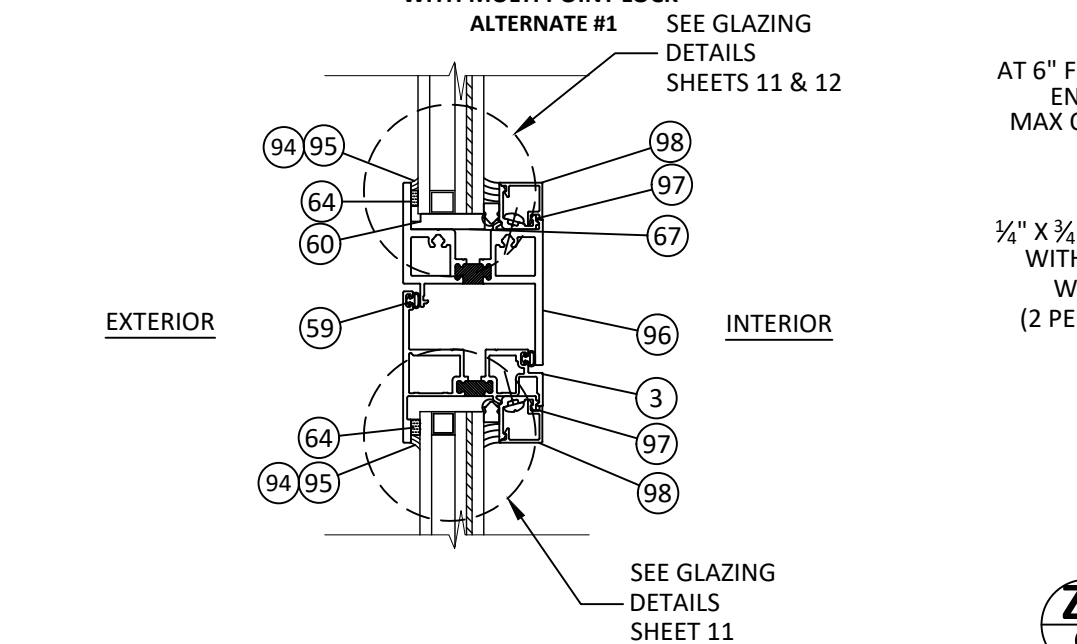
W9 HORIZONTAL SECTION

OUTSWING INTEGRAL MULLION



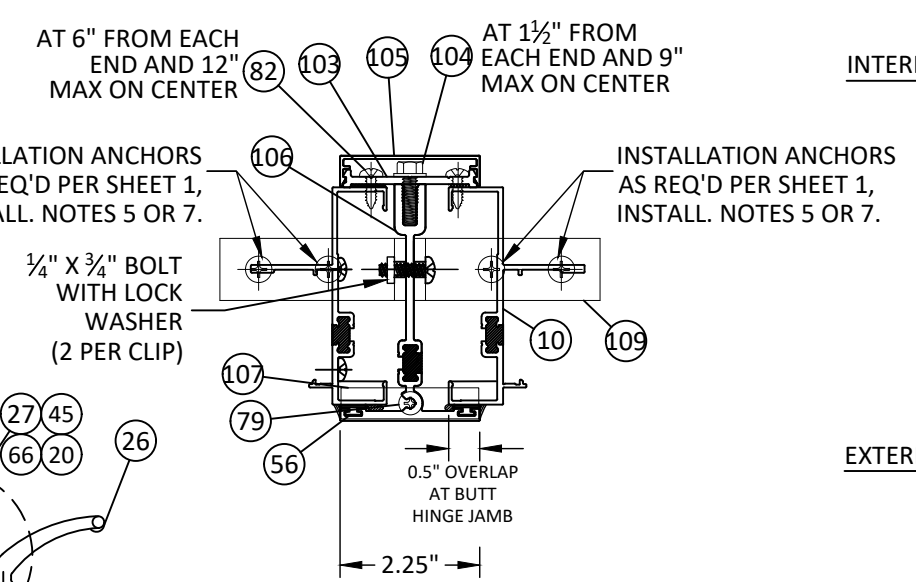
W19 HORIZONTAL SECTION

OUTSWING INTEGRAL MULLION WITH MULTI POINT LOCK



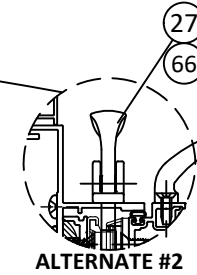
V9 VERTICAL SECTION

INTEGRAL MULLION-TYP.
FIXED OVER OUTSWING CASEMENT

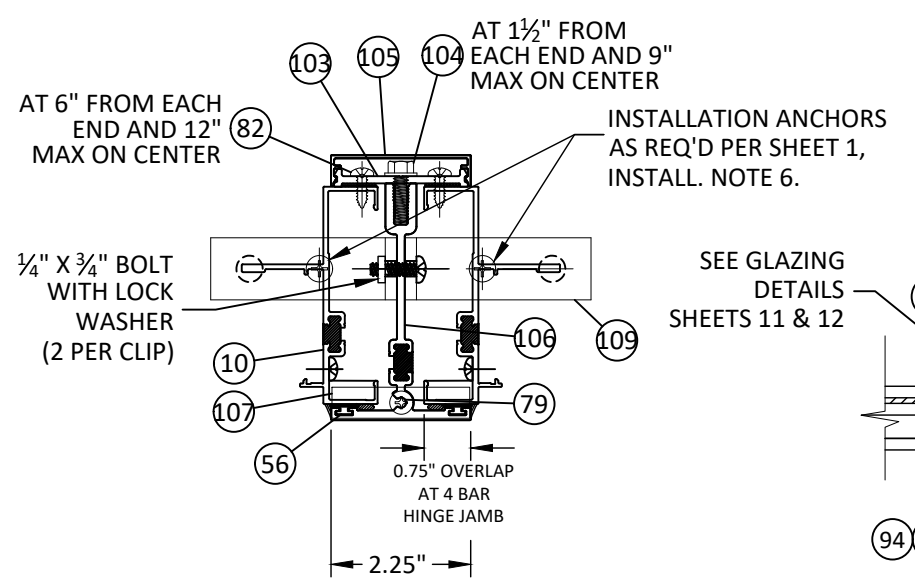


Z9 HORIZONTAL SECTION

STACK MULLION - TYP.
INSTALL TO WOOD/METAL FRAME

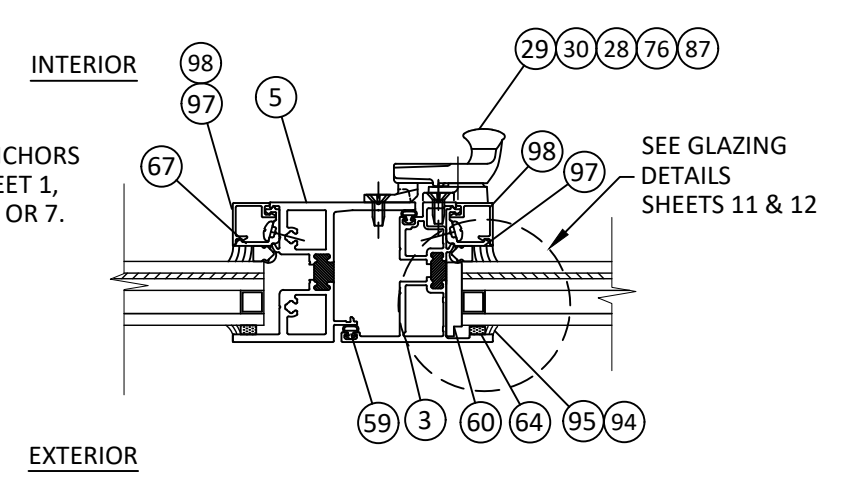


ALTERNATE #2



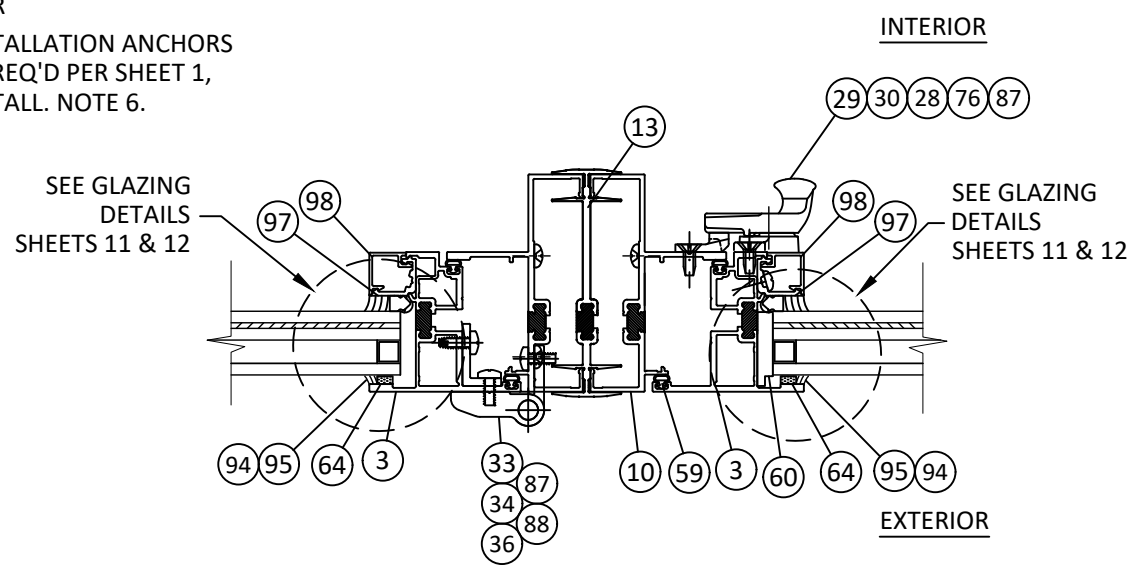
ZZ9 HORIZONTAL SECTION

STACK MULLION - TYP.
INSTALL TO CONCRETE/MASONRY



X9 HORIZONTAL SECTION

INTEGRAL MULLION - TYP.
FIXED - OUTSWING CASEMENT (TYP.)



Y9 HORIZONTAL SECTION

ZERO MULLION - TYP.
OUTSWING CASEMENT - OUTSWING CASEMENT



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

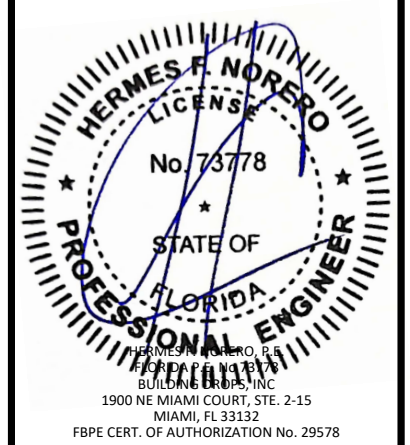
TITLE: YOW 350 THERMAL ALUMINUM CASEMENT OUTSWING WINDOW (WZ3) (IMPACT)

INTEGRAL & STACK MULL 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

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FL #: **FL16312**

DATE: **8.26.15**

DWG. BY: SM	CHK. BY: HFN
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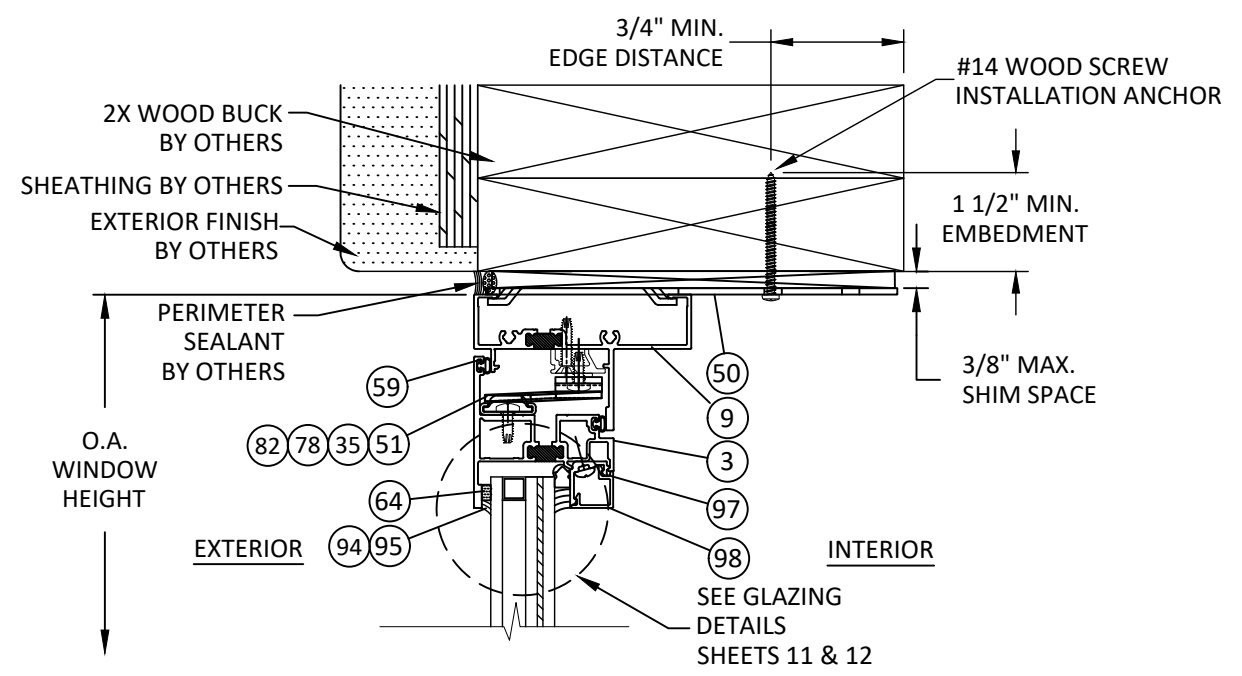
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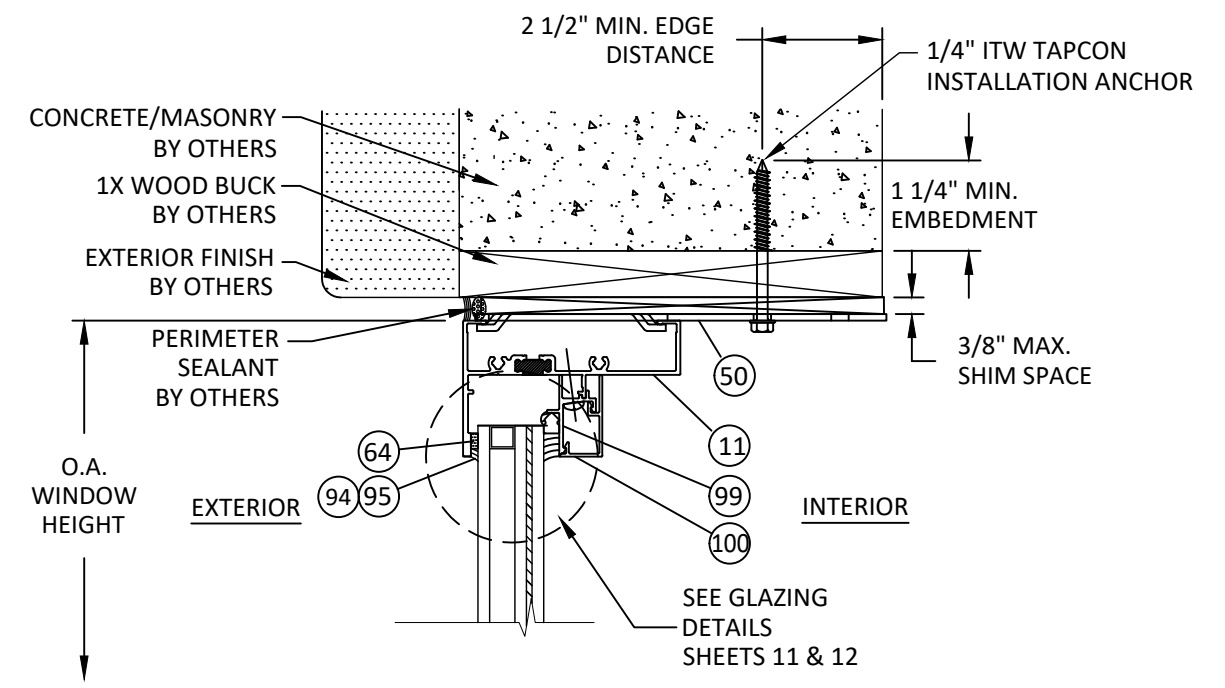
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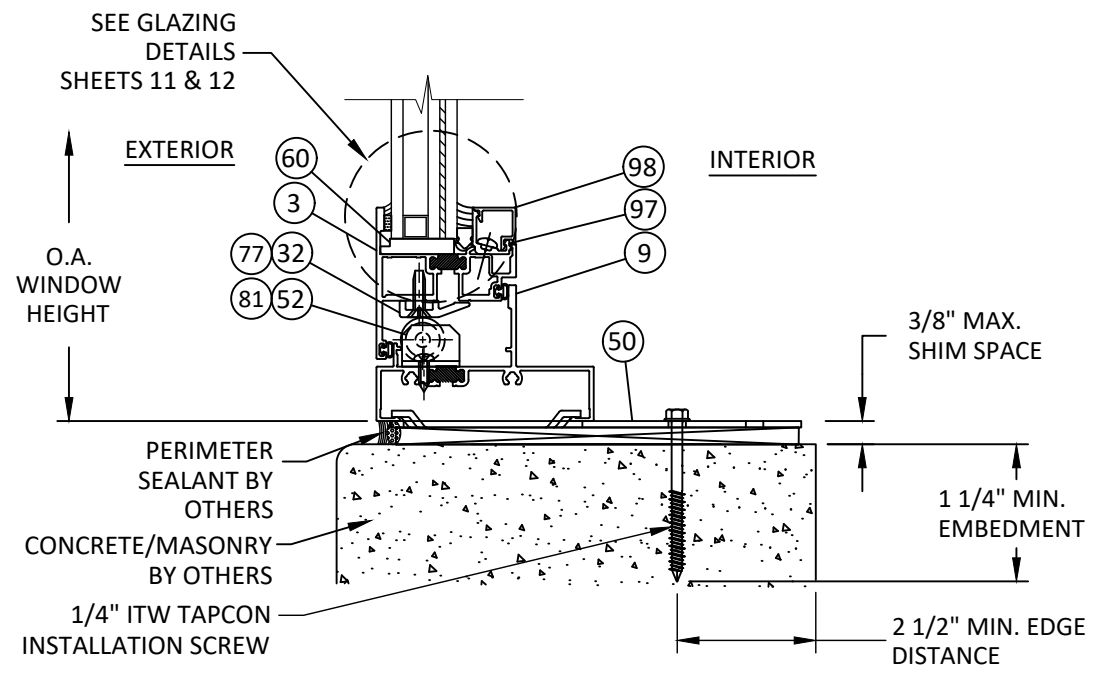
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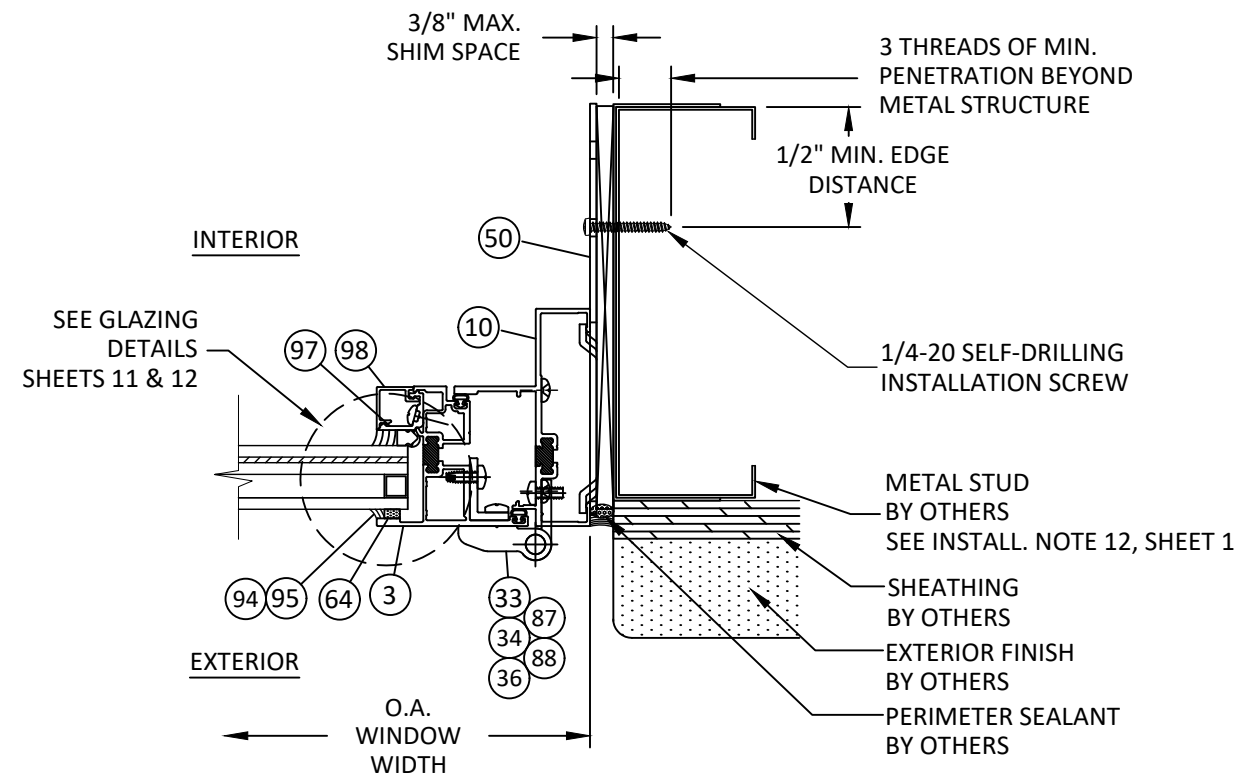
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OUTSWING VENT HEAD - 2X WOOD FRAME
TWIST ANCHOR - TYP.



AD 10 VERTICAL SECTION
FIXED HEAD - 1X/CONCRETE/MASONRY
TWIST ANCHOR - TYP.



AB 10 VERTICAL SECTION
OUTSWING VENT SILL - CONCRETE/MASONRY
TWIST ANCHOR - TYP.



AE 10 HORIZONTAL SECTION
OUTSWING VENT HINGE JAMB - METAL STUD
TWIST ANCHOR - TYP.



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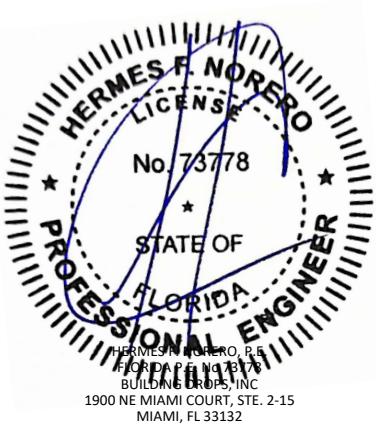
TITLE:
YOW 350 TUB THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)
TWIST ANCHOR
INSTALLATION DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
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LICENSE
No. 73778
STATE OF
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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:

8.26.15

DWG. BY:

SM

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK153

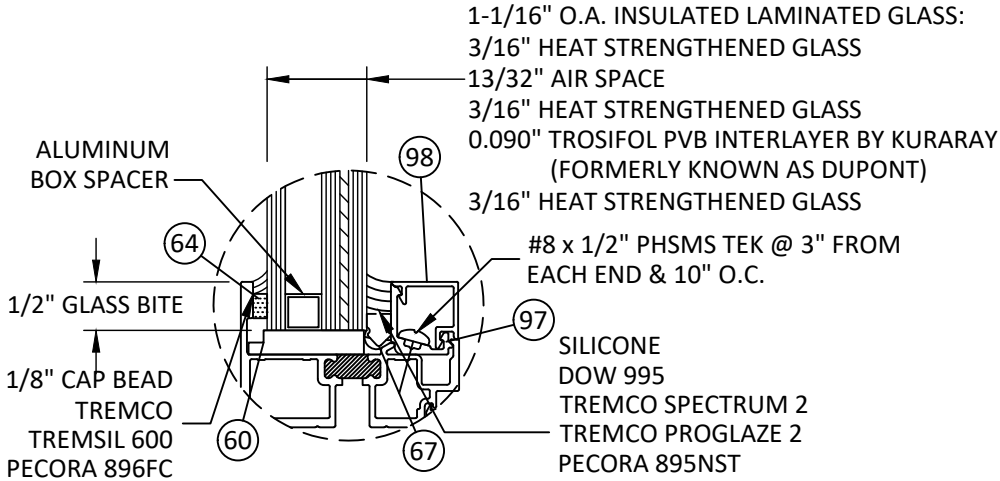
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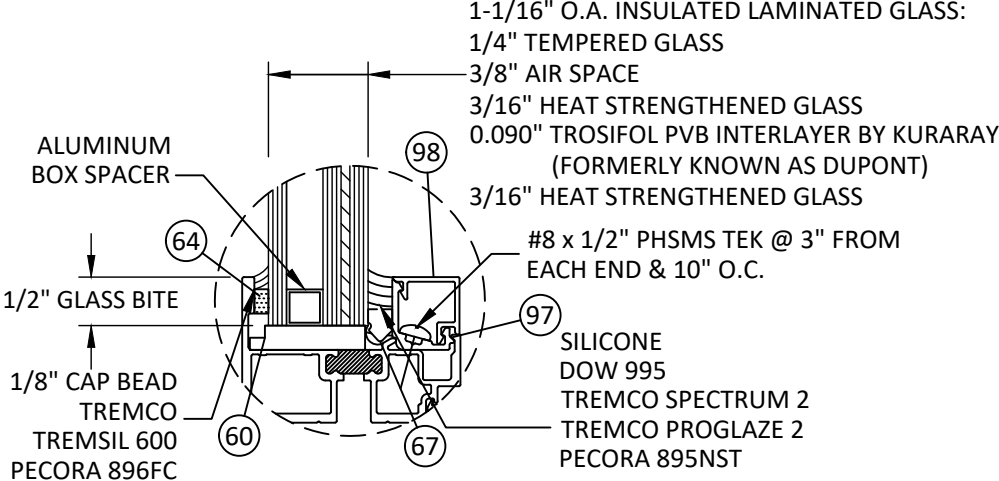
LARGE & SMALL MISSILE IMPACT RATED GLAZING OPTIONS

NOTE: ALL CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OF FBC.
WHEN OPTIONS ARE USED FOR SMI APPLICATIONS AT 30 FEET OR HEIGHER ABOVE GRADE
SACRIFICIAL LITE MUST BE TEMPERED GLASS.

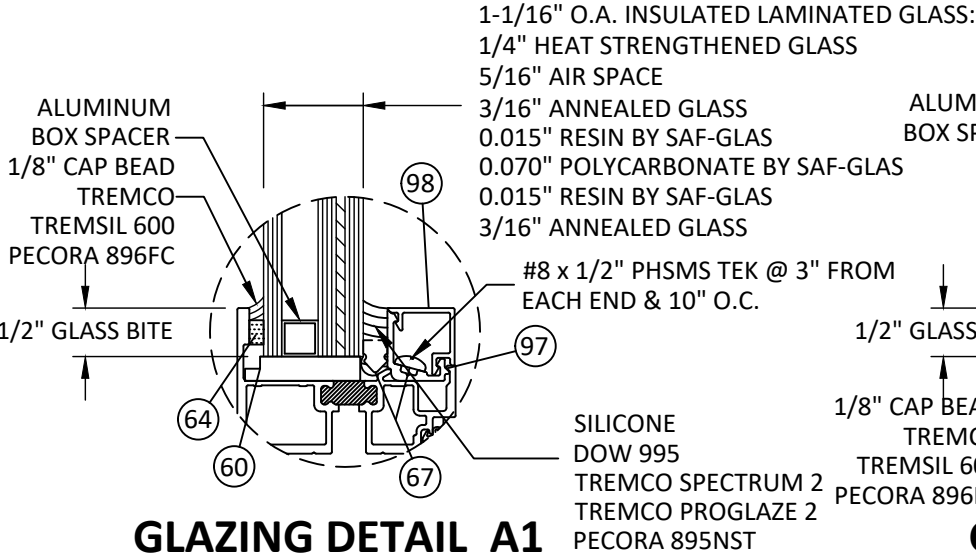


GLAZING DETAIL J

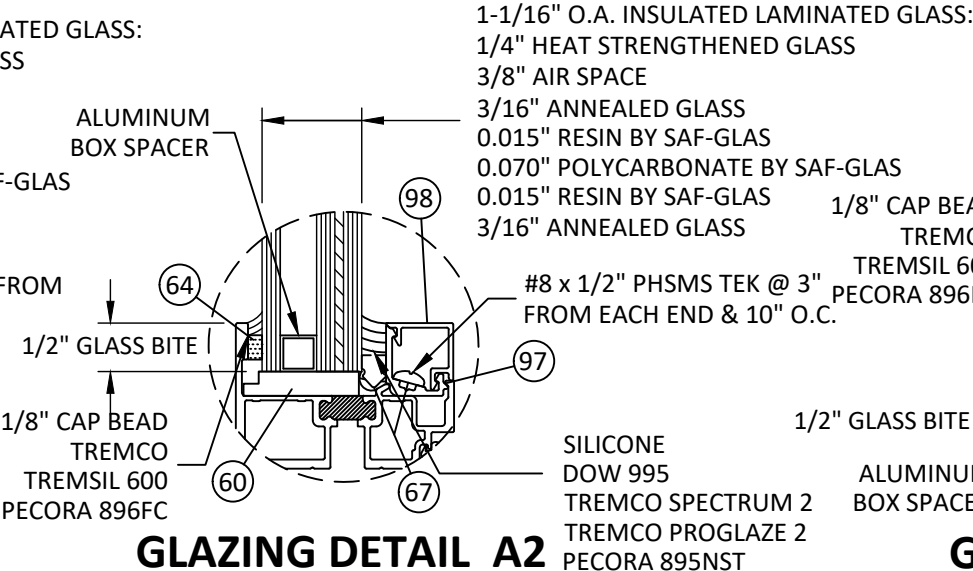
AIR SPACE CONSISTING OF :
- SPACER: ALUMINUM BOX SPACER.
- PRIMARY SEALANT: POLYISOBUTYLENE (PIB).
- SECONDARY SEALANT: STRUCTURAL SILICONE
INTENDED FOR FABRICATION OF INSULATING
GLASS UNITS.



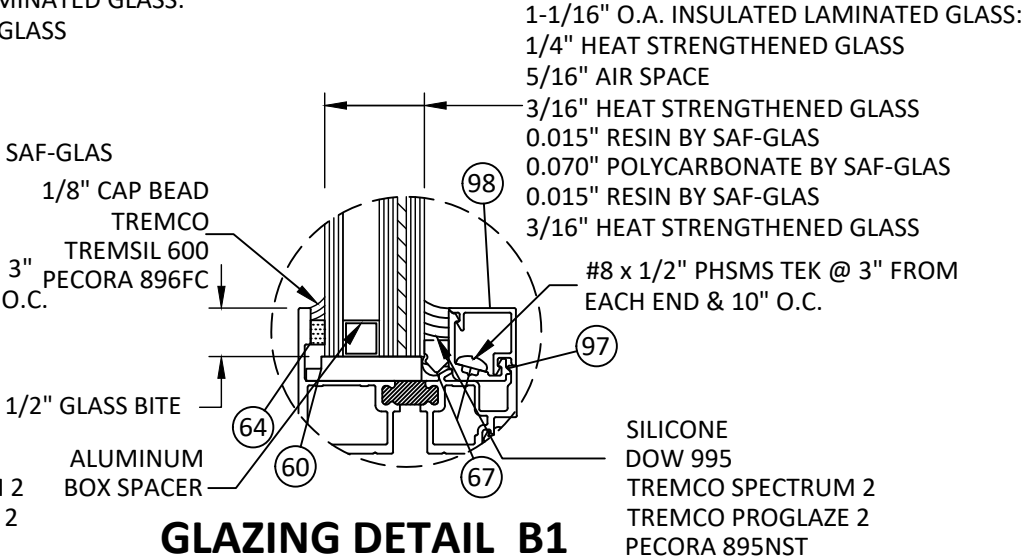
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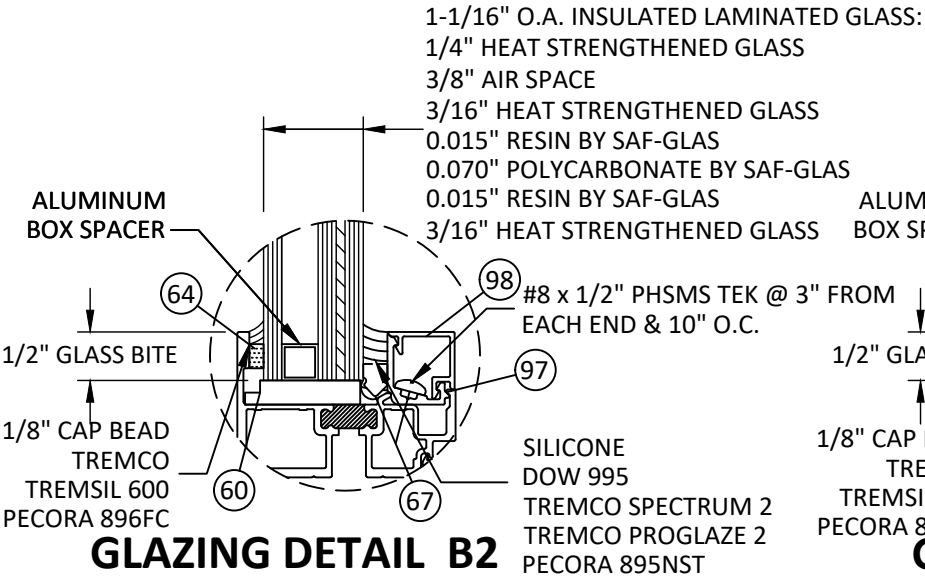
GLAZING DETAIL A1



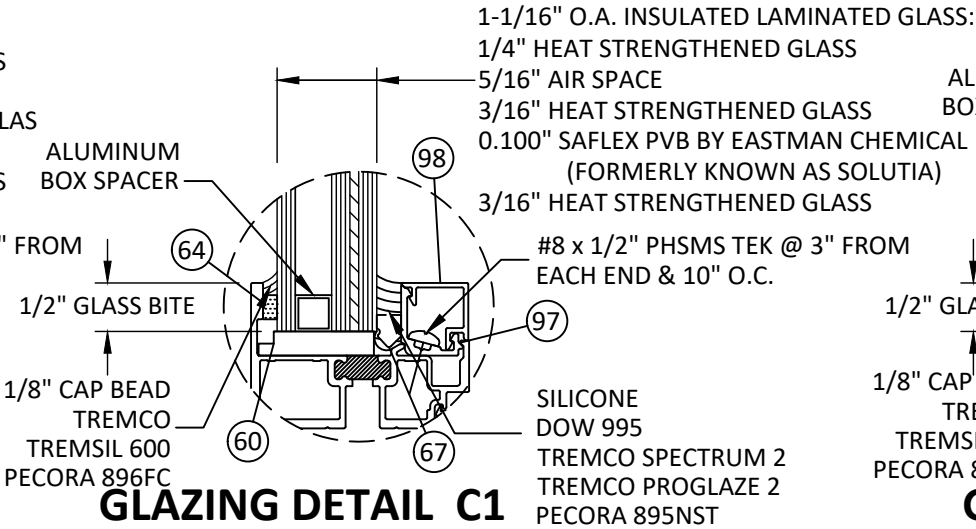
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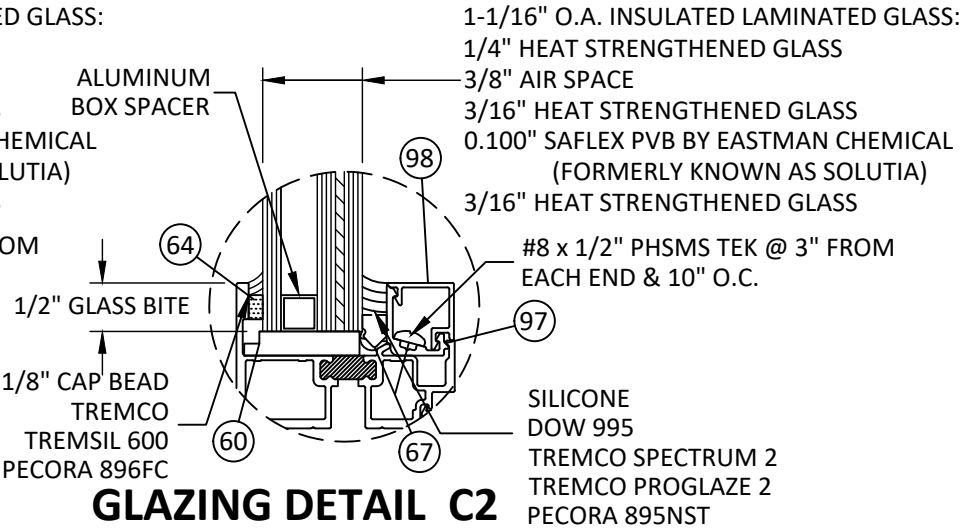
GLAZING DETAIL B1



GLAZING DETAIL B2



GLAZING DETAIL C1



GLAZING DETAIL C2



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

TITLE:
YOW 350 TUB THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)

GLAZING DETAIL

PREPARED BY:

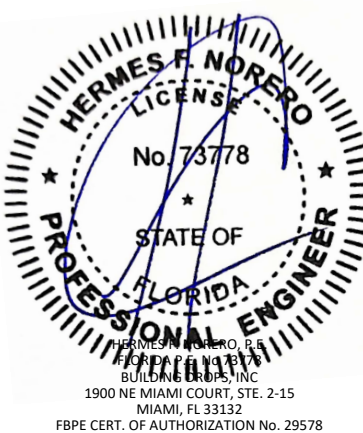
BUILDING DROPS, INC.

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MIAMI, FL 33132
PH: (954)399-8478
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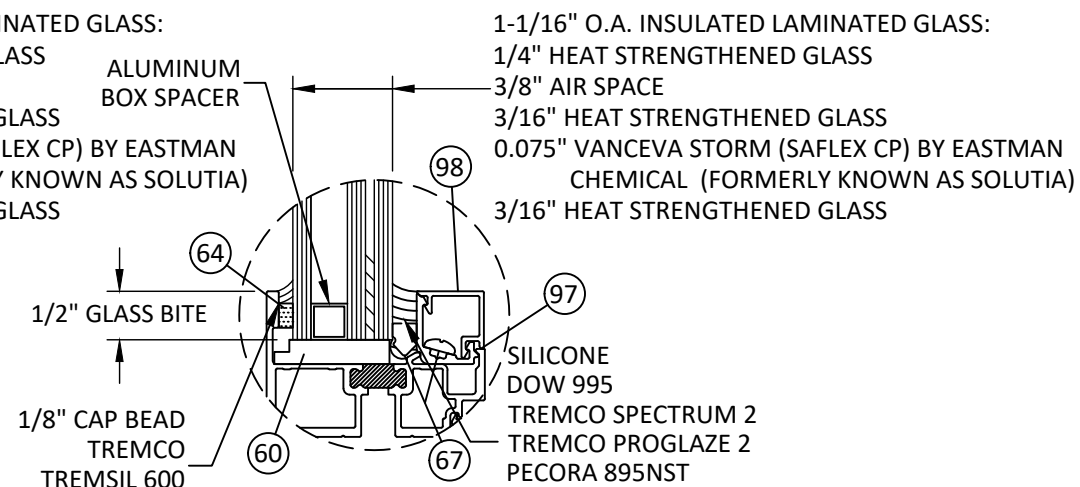
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC
AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC
SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE
FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:	FL16312
DATE:	8.26.15
DWG. BY:	SM
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK153
SHEET:	11

YKK AP
Quality inspires™

PH: (478)277-1955 FAX: (678)838-6001



GLAZING DETAIL 12

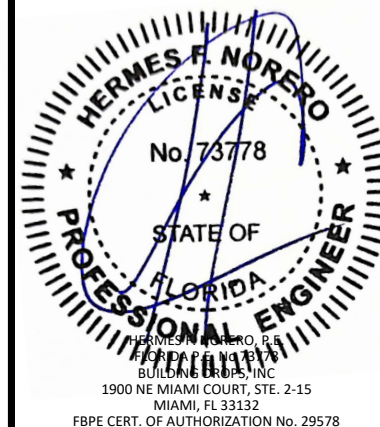
LAMINATED GLASS:
 1-1/16" O.A. INSULATED LAMINATED GLASS:
 1/4" TEMPERED GLASS
 5/16" AIR SPACE
 3/16" HEAT STRENGTHENED GLASS
 0.035" SENTRYGLAS PLUS BY KURARAY
 (FORMERLY KNOWN AS DUPONT)
 3/16" HEAT STRENGTHENED GLASS

1/2" GLASS BITE
 1/8" CAP BEAD
 TREMSIL 600
 PFCORA 896EC

GLAZING DETAIL H

1. GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC.
2. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
3. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.

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.



[PAGE 13 of 16]

s:\projects\ykk ap america, inc\bc-24-0246 - fbc submittal - fl16312, fl16313, fl16314 - yow revisions\dwgs\fl16312\ykk153.dwg 2/26/2024 1:59 PM

YOW 350 TUH - BILL OF MATERIALS				
ITEM #	PART#	DESCRIPTION	MATERIAL	MANUFACTURER
1	BE9-4510	MULLION	6063-T5	YKK AP
2	BE9-4512	MULLION	6063-T5	YKK AP
3	BE9-4534	VENT (OUTSWING)	6063-T5	YKK AP
4				
5	BE9-4560	VENT/FIX MULLION	6063-T5	YKK AP
6	BE9-4561	VENT/VENT MULLION	6063-T5	YKK AP
7	BE9-4581	3 1/2" RECEPTOR	6063-T5	YKK AP
8	BE9-4584	3 1/2" WEEPING SILL FLASHING	6063-T5	YKK AP
9	BE9-5201	FRAME HEAD/SILL (OUTSWING)	6063-T5	YKK AP
10	BE9-5202	FRAME JAMB (OUTSWING)	6063-T5	YKK AP
11	BE9-5203	FRAME HEAD/SILL (FIXED)		
12	BE9-5204	FRAME JAMB (FIXED)		
13	BE9-5220	ZERO MULLION	6063-T5	YKK AP
14	E9-4031	1" X 2" TRIM CLIP	6063-T5	YKK AP
14A	E9-4032	TRIM CLIP COVER	6063-T5	YKK AP
15	E9-4506	GLASS STOP - WEDGE GASKET	6063-T5	YKK AP
16	E9-4507	GLASS STOP - WEDGE GASKET	6063-T5	YKK AP
17	E9-4508	GLASS STOP - WEDGE GASKET	6063-T5	YKK AP
18	E9-4513	FRAME ATTACHMENT	6063-T5	YKK AP
19	E9-4578	RECEPTOR COVER	6063-T5	YKK AP
20	E9-4593	BASE	6063-T5	YKK AP
21	E9-5218	GLASS STOP - PRESET GASKET	6063-T5	YKK AP
22	E9-5219	GLASS STOP WITH PULL - PRESET GASKET	6063-T5	YKK AP
23				
24A	4K-14207	4 BAR HINGE - 12" - (CASEMENT & PROJECT OUT)	STAINLESS STEEL	YKK AP
24B	4K-14208	4 BAR HINGE - 16" - (CASEMENT)	STAINLESS STEEL	YKK AP
24C	5K-15284	4 BAR HINGE - 16" - (PROJECT OUT)	STAINLESS STEEL	YKK AP
25				
26	E1-1508	PULL	WHITE BRONZE	BRONZECRAFT OR EQUAL
27	E1-1505	MPL LOCK HANDLE	WHITE BRONZE	BRONZECRAFT OR EQUAL
28	E1-1519	KEEPER - OUTSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
29	E1-1541	CAM HANDLE (R)-OUTSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
30	E1-1542	CAM HANDLE (L)-OUTSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
31	E1-1707	KEEPER - INSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
32	E1-1713	GUIDE ROLLER BASE	6063-T5	YKK AP
33	E1-1714	BUTT HINGE	6063-T5	YKK AP
34	E1-1715	BUTT HINGE	6063-T5	YKK AP
35	E1-1721	ARM BASE	6063-T5	YKK AP
36	E1-1723	BUTT HINGE ANGLE	6063-T5	YKK AP
37	E1-1780	4 BAR HINGE BASE	6063-T5	YKK AP
38	E1-1781	4 BAR HINGE BASE	6063-T5	YKK AP
39	E1-1786	CORNER BLOCK	6063-T5	YKK AP
40	E1-1787	CORNER BLOCK	6063-T5	YKK AP
41	E1-1799	STRAP ANCHOR	6063-T5	YKK AP
41A	E9-8431	STRAP ANCHOR COVER		
42	E1-1839	4 BAR HINGE BASE(R)	6063-T5	YKK AP
43	E1-1840	4 BAR HINGE BASE(L)	6063-T5	YKK AP
44	E1-1922	ANCHOR CLIP	6063-T5	YKK AP
44A	E9-4035	ANCHOR CLIP COVER		
45	E1-1952	KEEPER	CAST ALUMINUM	AMC/CALDWELL OR EQUAL
46	E1-1954-XXXX	LOCK BAR (BASE)	STAINLESS/ALUMINUM	AMC/CALDWELL OR EQUAL
47	E1-1955-XXXX	LOCK BAR (EXT.)	STAINLESS/ALUMINUM	AMC/CALDWELL OR EQUAL
48	E1-1957	4 BAR HINGE - 12" - (CASEMENT OUT EGRESS)	STAINLESS STEEL	AMC/CALDWELL OR EQUAL
49	E1-1959	SNUBBER BASE	6063-T5	YKK AP

NOTE: COMPONENTS & PART NUMBERS LISTED IN B.O.M. AND SHOWN ON SHEETS 14 & 15 ARE USED THROUGHOUT YKK YOW350TU WINDOW SERIES OF FIXED, CASEMENT, AND PROJECTED WINDOW PRODUCTS, NOT ALL COMPONENTS LISTED ARE USED IN CASEMENT WINDOW.

YOW 350 TUH - BILL OF MATERIALS				
ITEM #	PART#	DESCRIPTION	MATERIAL	MANUFACTURER
50	E1-1971	TWIST ANCHOR - 3 1/2" FRAMING	GALVINIZED STEEL	WILD BORE FABRICATORS OR EQUAL
51	E1-1976	FRICTION ADJUSTER	STAINLESS STEEL	TRUTH HARDWARE OR EQUAL
52	K-10639	GUIDE ROLLER	STAINLESS/NYLON	YKK AP
53				
54				
55	E2-0050	PRESET GASKET	EPDM	TREMCO OR EQUAL
56	E2-0051	AT GASKET	SANTOPRENE	TREMCO OR EQUAL
57	E2-0133PC	SIDE BLOCK x 4" LONG	EPDM PC	TREMCO OR EQUAL
58	E1-1980	BACK PLATE	300 STAINLESS STEEL	CALDWELL
59	E2-0625	AT GASKET	SANTOPRENE	TREMCO OR EQUAL
60	E2-0626PC	SETTING BLOCK x 4"LONG	EPDM PC	TREMCO OR EQUAL
61	E2-0362PC	SETTING BLOCK x 4"LONG	EPDM PC	TREMCO OR EQUAL
62	E2-0647PC	SETTING BLOCK x 4" LONG	EPDM	TREMCO OR EQUAL
63	E2-0651PC	SETTING BLOCK x 4" LONG	EPDM PC	TREMCO OR EQUAL
64	E2-0670	BACKER TAPE	POLYURETHANE FOAM	TREMCO OR EQUAL
65	E2-0672	WEDGE GASKET	EPDM	TREMCO OR EQUAL
66	E2-0682	GASKET - FOR MPL HANDLE	BUTYL RUBBER	BRONZECRAFT OR EQUAL
67	E2-0359	SPACER	EPDM	TREMCO OR EQUAL
68	E1-1966	STANDARD MULTI LOCK HANDLE	ZAMACK / STEEL	CALDWELL
69	E1-1994	EXTENDED MULTI LOCK HANDLE	ZAMACK / STEEL	CALDWELL
70	E1-1979	HANDLE GASKET	BUTYL	CALDWELL
71				
72	E1-1981	PULL HANDLE	ZAMACK	AMESBURY / TRUTH
73	FA1014-SS	#10 X7/8" SMS T/A	300 STAINLESS STEEL	FOR LOCK BAR - EXT. BAR & LOCK BAR BASE
74	FF0808-SS	#8-32 x 1/2" T/F	300 STAINLESS STEEL	FOR SNUBBER - FRAME
75	FF0816-SS	#8-32 x 1" T/F	300 STAINLESS STEEL	FOR SNUBBER / SNUBBER CHAIR - VENT
76	FF1008-SS	#10-24 x 1/2" T/F	300 STAINLESS STEEL	FOR CAM HANDLE & KEEPER
77	FF1012-SS	#10-24 x 3/4" T/F	300 STAINLESS STEEL	FOR 4 BAR HINGE (BASE) & GUIDE ROLLER BASE
78	FF1016-SS	#10-24 x 1" T/F	300 STAINLESS STEEL	FOR ARM BASE
79	FM1006-SS	#10-24 x 3/8" T/F	300 STAINLESS STEEL	FOR MPL LOCK HANDLE
80	FS1010-SS	#10-24 x 5/8" (TEK)	300 STAINLESS STEEL	FOR KEEPER LOCK DOWN
81	PC0808-SS	#8 x 1/2" SMS T/AB	300 STAINLESS STEEL	FOR GUIDE ROLLER
82	PC1008-SS	#10 x 1/2" SMS T/AB	300 STAINLESS STEEL	FOR ANCHORING TRIM CLIP E94031
83	PC1016-SS	#10 x 1" SMS T/AB	300 STAINLESS STEEL	FOR FRAME ASSEMBLY
84	PC1020-SS	#10 x 1 1/4" SMS T/AB	300 STAINLESS STEEL	FOR FRAME TO MULLION ASSEMBLY
85	PC1040-SS	#10X 2 1/2" SMS T/AB	300 STAINLESS STEEL	RECEPTOR ANCHOR
86	PF1006-SS	#10-24 x 3/8" T/F	300 STAINLESS STEEL	FOR 4 BAR HINGE (FRAME) & FRICTION ADJUSTER
87	PF1008-SS	#10-24 x 1/2" T/F	300 STAINLESS STEEL	FOR BUTT HINGE (VENT) & FOR LIMIT STOP
88	PM1007-SS	#10-24 x 7/16" MS	300 STAINLESS STEEL	FOR BUTT HINGE (FRAME & VENT)
89	UF0810-SS	#8-32 x 5/8" UNDERCUT T/F	300 STAINLESS STEEL	FOR RAIL CHANNEL
90	UF1006-SS	#10-24 x 3/8" UNDERCUT T/F	300 STAINLESS STEEL	FOR 4 BAR HINGE (VENT)
91				
92		1/4" X 2 3/4" HXHD TAPCON	COATED CARBON STEEL	FRAME ANCHOR
93				
94	PECORA 896FC	SILICONE		TREMCO OR EQUAL
95	TREMSIL 600	SILICONE		TREMCO OR EQUAL
96	BE9-4509	MULLION	6063-T5	
97	E9-4526	GLASS STOP	6063-T5	
98	E9-4527	GLASS STOP COVER	6063-T5	
99	E9-4524	FIXED GLASS STOP	6063-T5	
100	E9-4525	FIXED GLASS STOP COVER	6063-T5	
101				
102				
103	AS-4428	PRESSURE PLATE	6063-T5	YKK
104	HM-2516-W3-SS	1/4" - 20 X 1" HWHMS	300 STAINLESS STEEL	FOR PRESSURE PLATE
105	E9-5111	SNAP COVER	6063-T5	YKK
106	BE9-4925	STACK MULLION	6063-T5	YKK
107	E1-1536	END CAP	6063-T5	YKK
108	PC-1208-SS	#12 X ½" PH SMS SS AB	300 STAINLESS STEEL	FOR MULL CLIP
109	E1-1537	MULL CLIP	6063-T5	YKK
110	E9-4559	SILL TRIM BASE	6063-T6	-
111	E9-4586	3" SILL TRIM	6063-T5	-
112	E9-4587	4" SILL TRIM	6063-T5	-
113	E1-2004	END DAM	-	-
114	E2-0769	JAMB BLOCK	-	-



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

TITLE:
YOW 350 TUH THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)

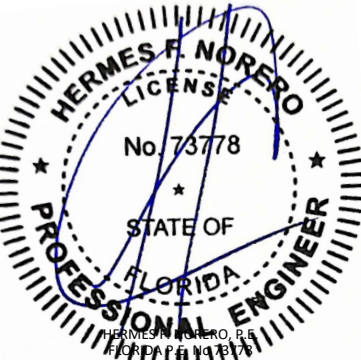
BILL OF MATERIALS

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

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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 #:

FL16312

DATE:

8.26.15

DWG. BY:

SM

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK153

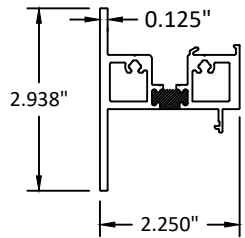
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13

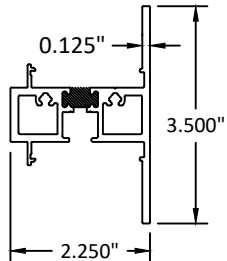
[PAGE 14 of 16]

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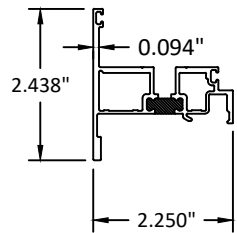
1 MULLION
6063-T5



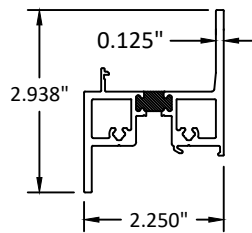
2 MULLION
6063-T5



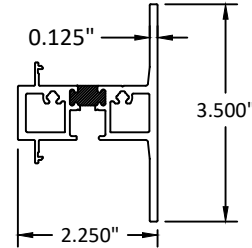
3 VENT (OUTSWING)
6063-T5



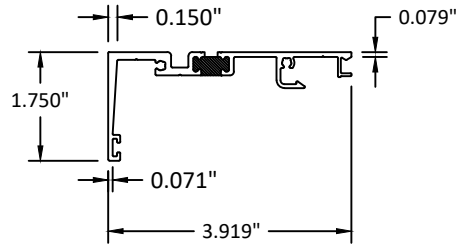
5 VENT / FIX MULLION
6063-T5



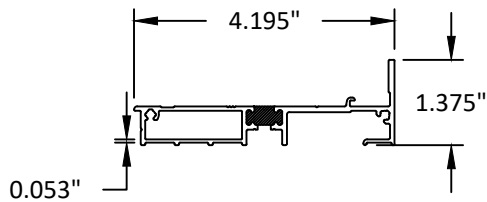
6 VENT / VENT MULLION
6063-T5



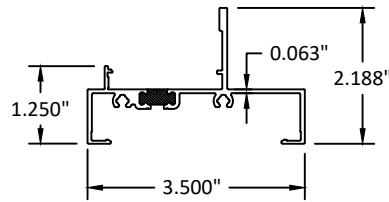
7 RECEPTOR
6063-T5



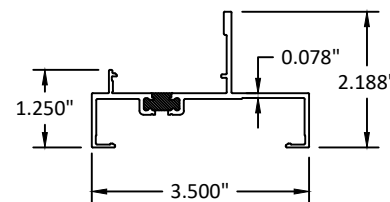
8 3 1/2" WEEPING SILL FLASHING
6063-T5



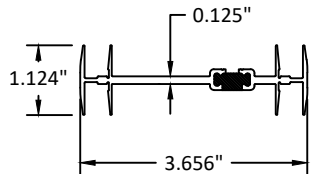
9 FRAME HEAD/SILL (OUTSWING)
6063-T5



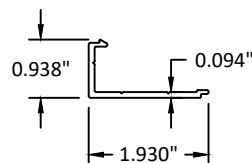
10 FRAME JAMB (OUTSWING)
6063-T5



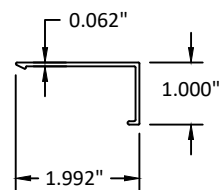
13 ZERO MULLION
6063-T5



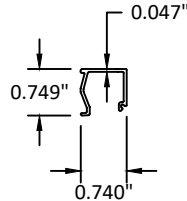
14 1" X 2" TRIM CLIP
6063-T5



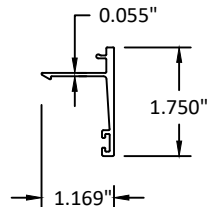
14A TRIM CLIP COVER
6063-T5



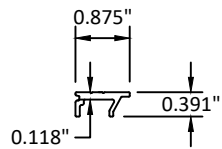
15 GLASS STOP
6063-T5



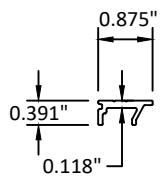
19 RECEPTOR COVER
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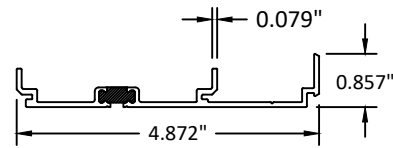
20 LOCK BASE
6063-T5



35 ARM BASE
6063-T5



41 STRAP ANCHOR
6063-T5

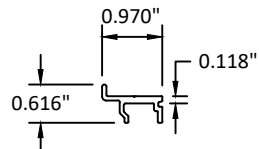


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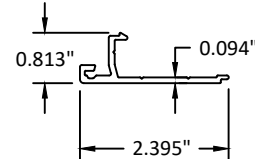
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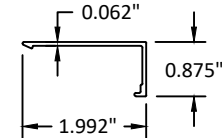
HINGE & SNUBBER BASE
6063-T5



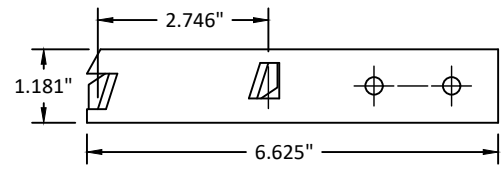
44 ANCHOR CLIP
6063-T5



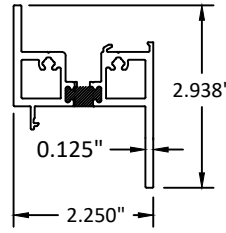
44A CLIP COVER
6063-T5



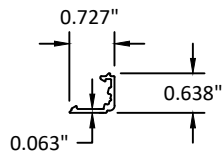
50 TWIST ANCHOR
GALVINIZED STEEL



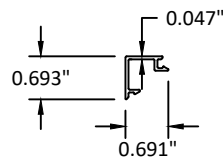
96 MULLION
6063-T5



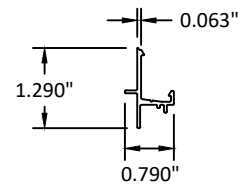
97 GLASS STOP
6063-T5



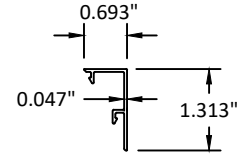
98 STOP SNAP COVER
6063-T5



99 GLASS STOP
6063-T5



100 STOP SNAP COVER
6063-T5



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

TITLE:
YOW 350 THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)

COMPONENTS

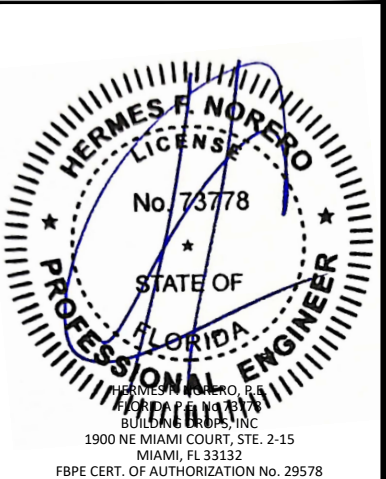
PREPARED BY:
BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
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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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DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:
FL16312

DATE: **8.26.15**

DWG. BY:
SM

CHK. BY:
HFN

SCALE: **NTS**

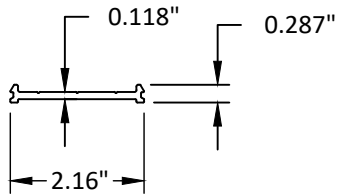
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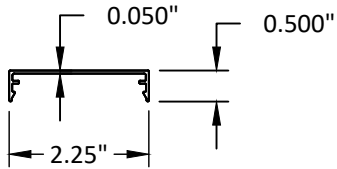
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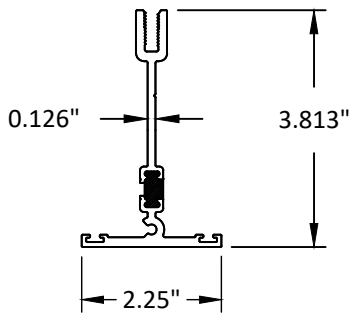
103 PRESSURE PLATE
6063-T5



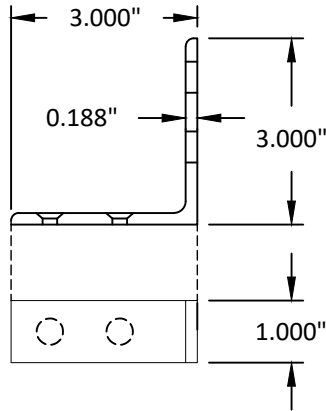
105 SNAP COVER
6063-T5



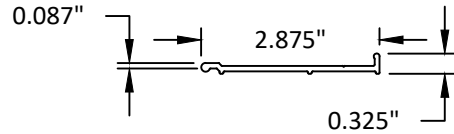
106 STACK MULLION
6063-T5



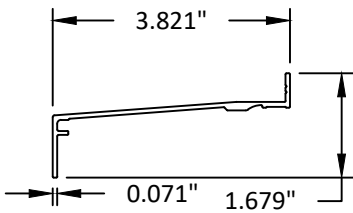
109 MULL CLIP
6063-T5



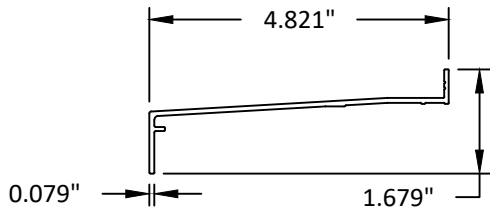
110 SILL TRIM BASE
6063-T5



111 3" SILL TRIM
6063-T5



112 4" SILL TRIM
6063-T5



YKK AP America Inc.

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

TITLE:
YOW 350 TUB THERMAL ALUMINUM
CASEMENT OUTSWING WINDOW
(WZ3) (IMPACT)

COMPONENTS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
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PH: (954)399-8478
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REMARKS	BY	DATE
2023 FBC CODE UPDATE	MS	05.05.23
MISC UPDATE	SH	02.26.24

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.



FL #:
FL16312

DATE: **8.26.15**

DWG. BY: **SM** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **YKK153**

SHEET:
15
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