

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.

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).
- 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:

WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

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.

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

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 TU THERMAL ALUMINUM

PROJECT OUT & PROJECT IN WINDOWS

(NON-HVHZ) (NON-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/A440-22
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. WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
7. 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.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 14 FOR GLAZING DETAILS.
9. GLAZING SELECTION SHALL MEET SAFETY GLAZING REQUIREMENTS PER CHAPTER 24 OF CURRENT FBC.
- 10.GLASS SHALL BE SET WITH THE USE OF SETTING BLOCKS IN ACCORDANCE WITH CHAPTER 24 OF THE CURRENT FLORIDA BUILDING CODE.
- 11.GLAZING GASKETS SHALL MEET THE MINIMUM PERFORMANCE REQUIREMENTS AS APPLICABLE IN CHAPTER 24 OF THE CURRENT FLORIDA BUILDING CODE.

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PROJECTED WINDOW DESIGN PRESSURE TABLE			
MAX. VENT SIZE	MAX. DLO SIZE	MAX. DP	IMPACT RATING
60" X 36"	56-1/8" X 32-1/8"	+65/-65 PSF	NON-IMPACT
**42" X 78"	37-1/8" X 73-1/8"	+45/-45 PSF	NON-IMPACT

** MEETS THE REQUIREMENTS OF AAMA 513-14 FORCES AND MOTIONS.

NOTE:
1. MAX SINGLE SIZE AS-TESTED VENT SIZE LISTED, SEE SHEETS 4-5 FOR APPROVED SIZES & HARDWARE AND SHEET 2 FOR QUALIFIED MULTI UNIT MULLED CONFIGURATIONS.



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TITLE:
YOW 350 TU THERMAL ALUMINUM
PROJECT OUT & PROJECT IN WINDOWS
(NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

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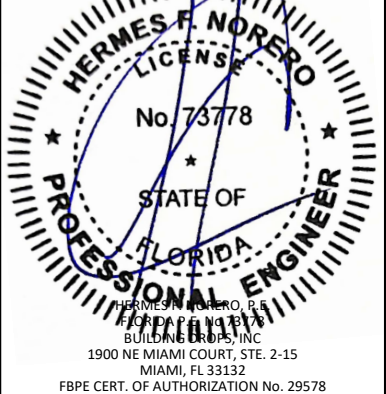
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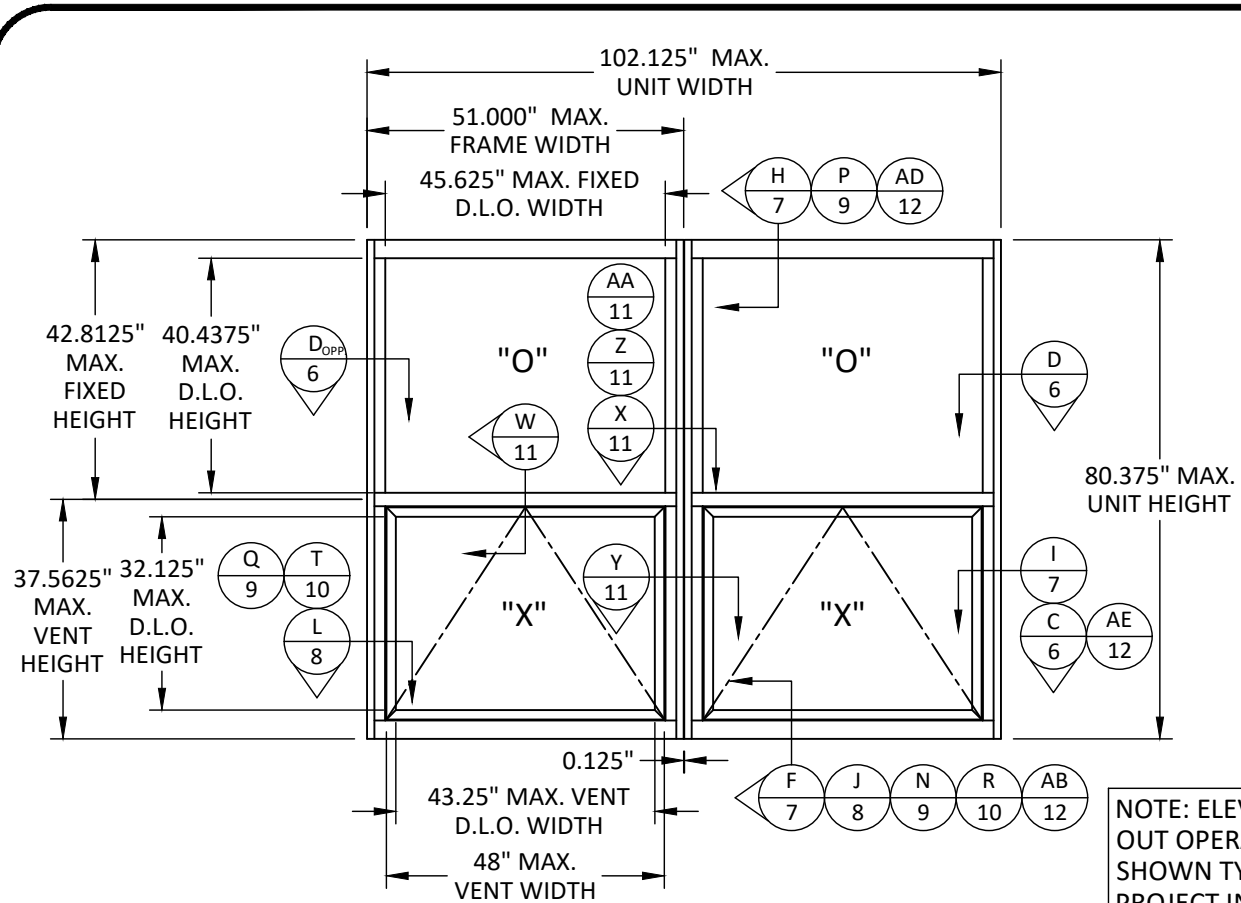
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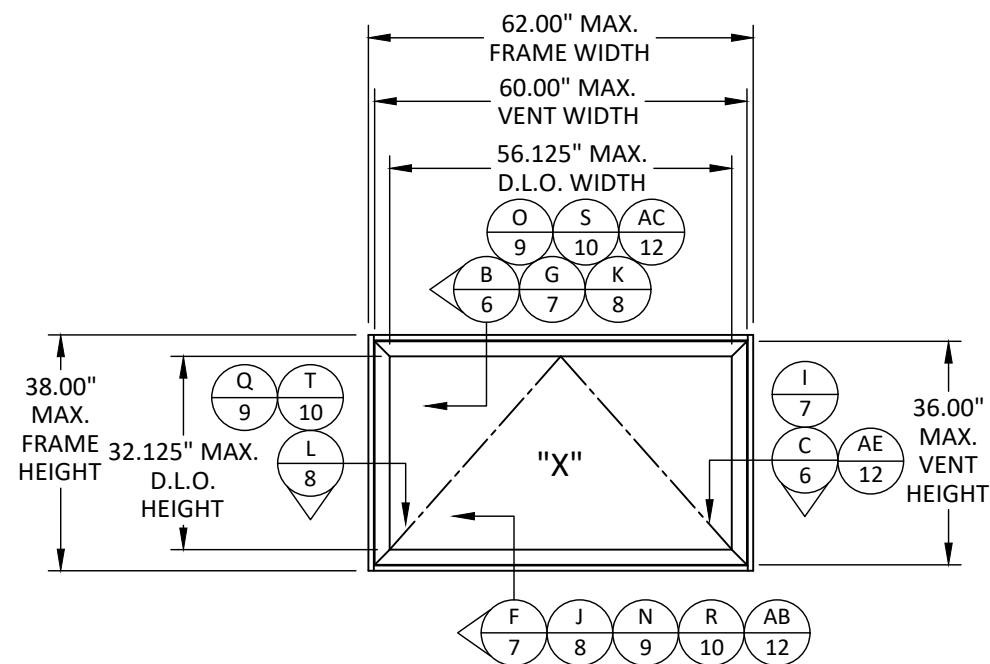
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ELEVATION
TWIN FIXED OVER PROJECTED

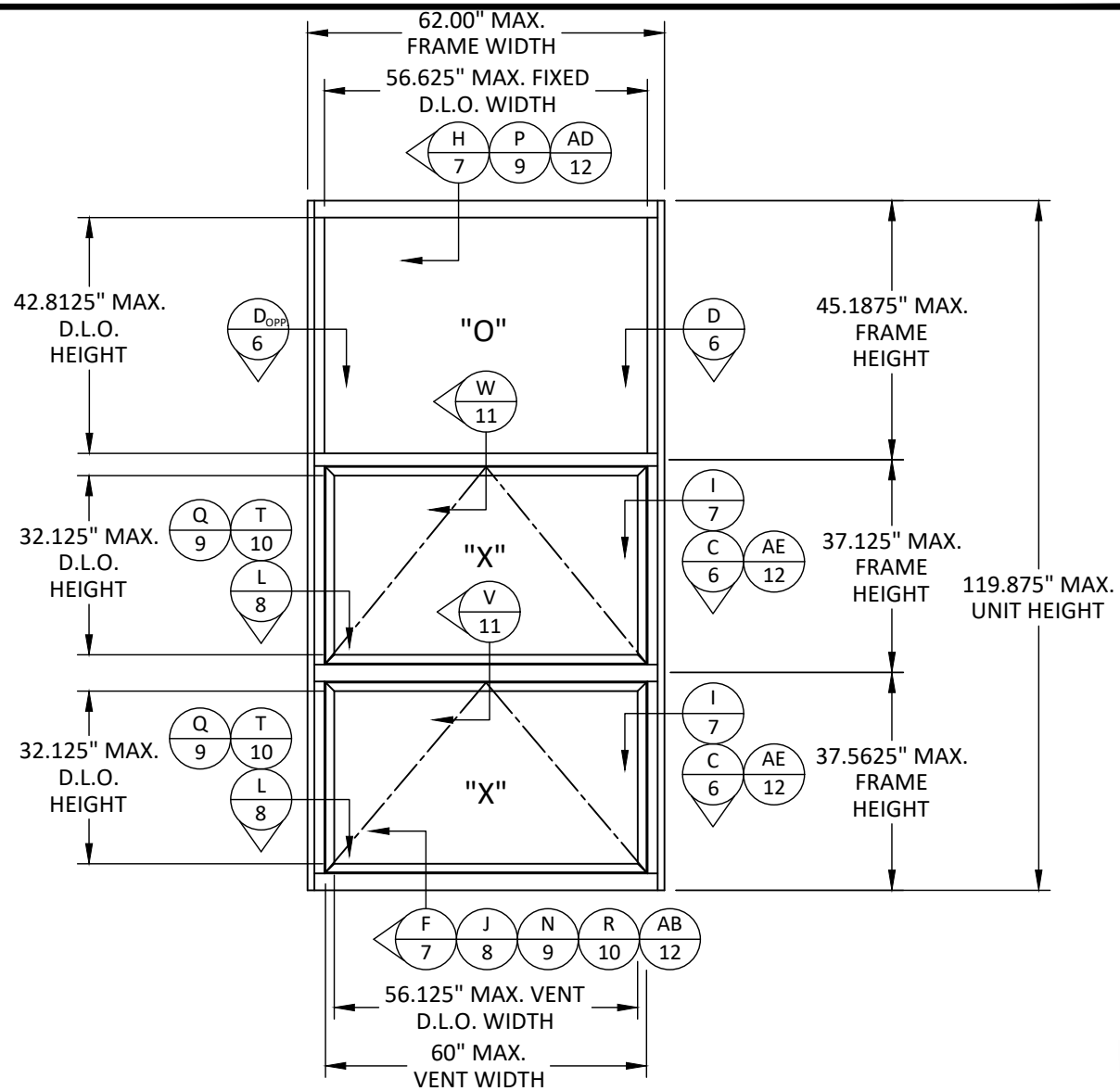
NOTE: ELEVATIONS INDICATE PROJECT OUT OPERATION, DETAIL CALLOUTS SHOWN TYPICAL PROJECT OUT AND PROJECT IN OPERATION TYPES. PROJECT OUT AND PROJECT IN CONFIGURATIONS ARE QUALIFIED.

NOTE: SEE TABLES IN SHEET 4 & 5 FOR MAX. VENT SIZE.



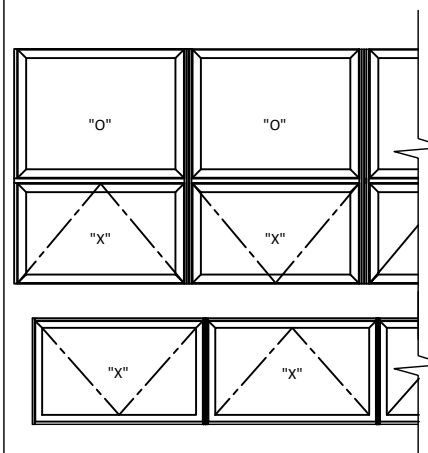
ELEVATION
SINGLE UNIT

NOTE: MAX. DIMENSIONS SHOWN EXCLUDE RECEPTOR DIMENSIONS. SEE DETAILS SHEET 6 FOR O.A. DIMENSION LOCATIONS.



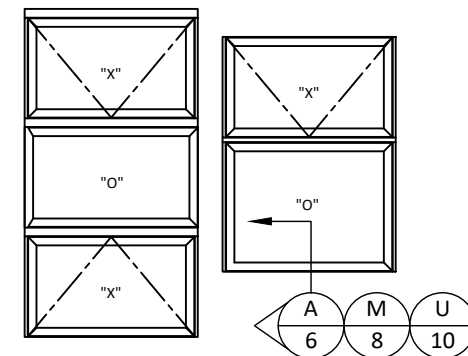
ELEVATION
FIXED OVER PROJECTED OVER PROJECTED

QUALIFIED CONFIGURATIONS



NOTE: UNITS MAY BE MULLED SIDE BY SIDE IN COMBINATIONS OF PROJECTED/FIXED, PROJECTED/PROJECTED, AND/OR OTHER APPROVED WINDOW TYPES (SEE APPROVED INSTALLATION INSTRUCTIONS YKK150 & YKK151). MULLS SHALL BE AS SHOWN HEREIN OR APPROVED UNDER SEPARATE APPROVAL. FIXED WINDOWS AND OTHER ALTERNATE WINDOW TYPES UNDER SEPARATE APPROVAL. SEE SHEET 11 FOR TYPICAL MULL CONDITIONS.

NOTE: UNITS MAY UTILIZE INTEGRAL MULLS FOR RIBBONS OF FIXED OVER PROJECTED, PROJECTED OVER FIXED, OR PROJECTED OVER PROJECTED CONFIGURATIONS. ADDITIONALLY, ALTERNATE WINDOW TYPES MAY BE MULLED WITH APPROVED WINDOWS. MAX. VENT & FIXED LITE SIZES SHALL NOT BE EXCEEDED AS SHOWN HEREIN.



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PROJECT OUT & PROJECT IN WINDOWS
(NON-HVHZ) (NON-IMPACT)

ELEVATIONS, QUALIFIED
CONFIGURATIONS & APPROVED SIZES
PREPARED BY:

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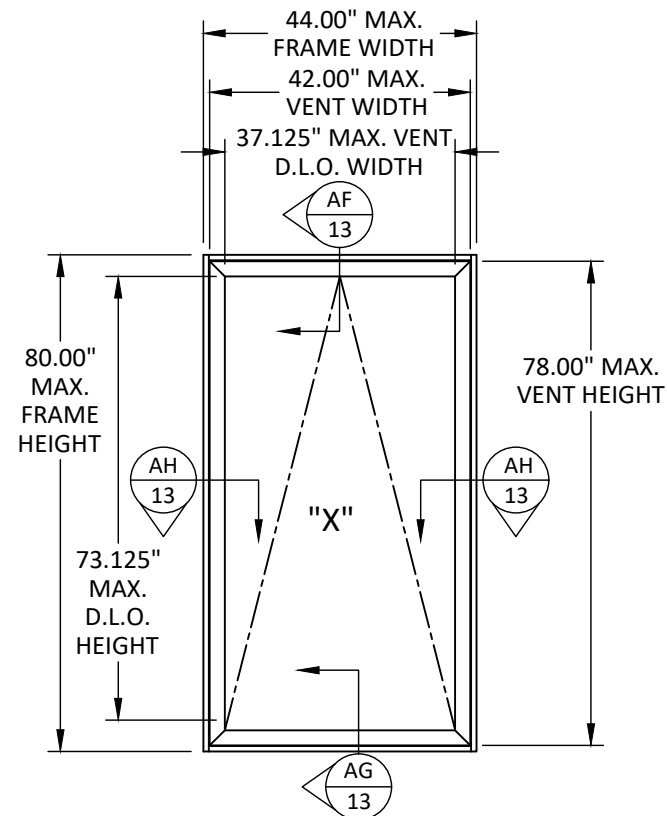
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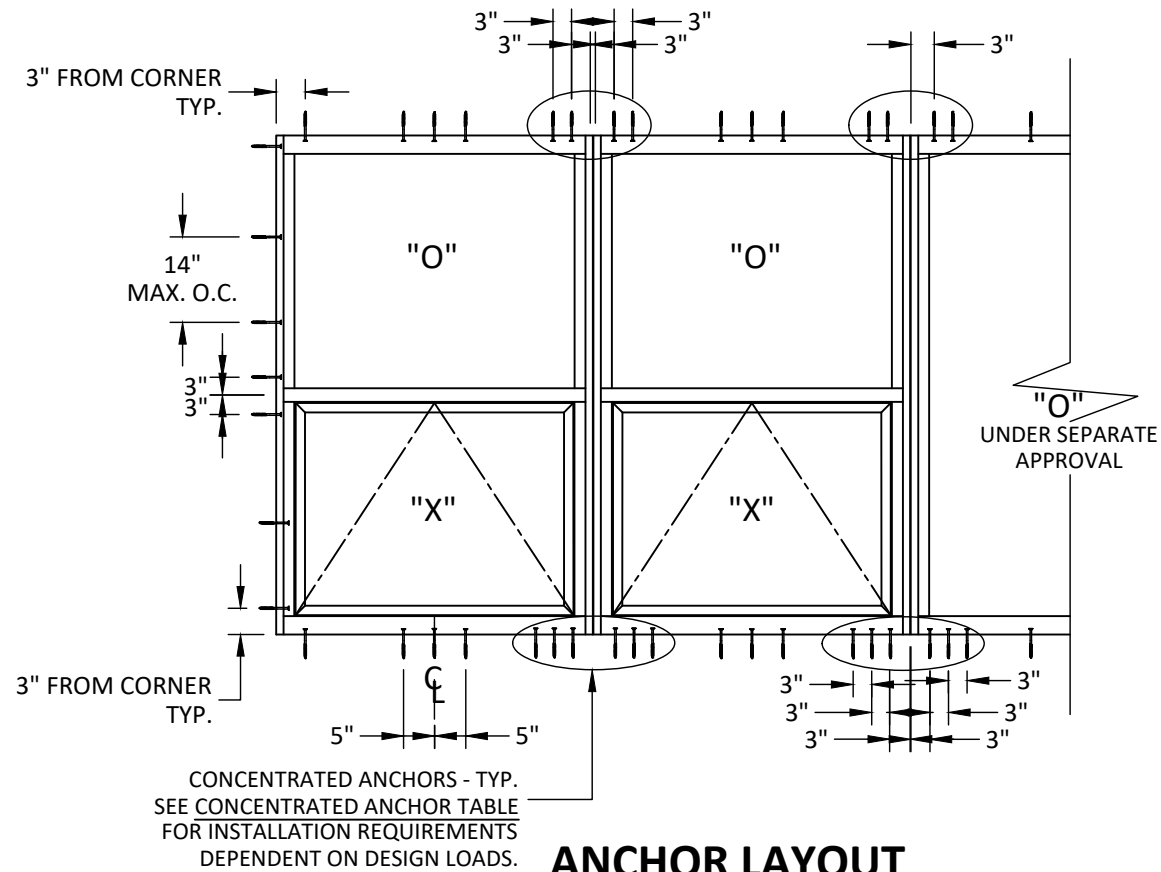


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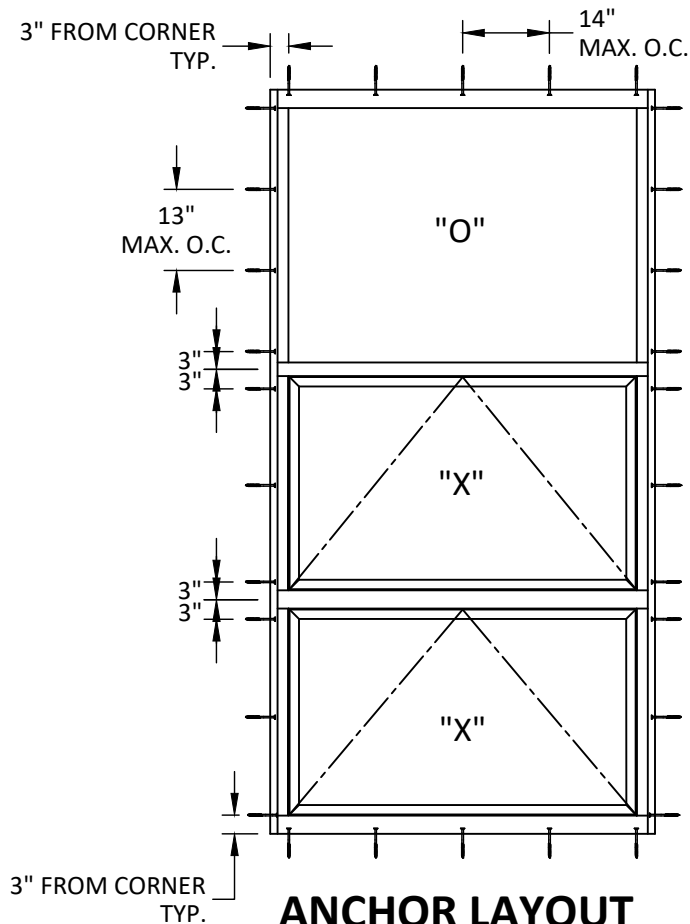
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ELEVATION
APPROVED FOR ACCESSIBLE
WINDOW HARDWARE



ANCHOR LAYOUT
ALL INSTALLATION METHODS



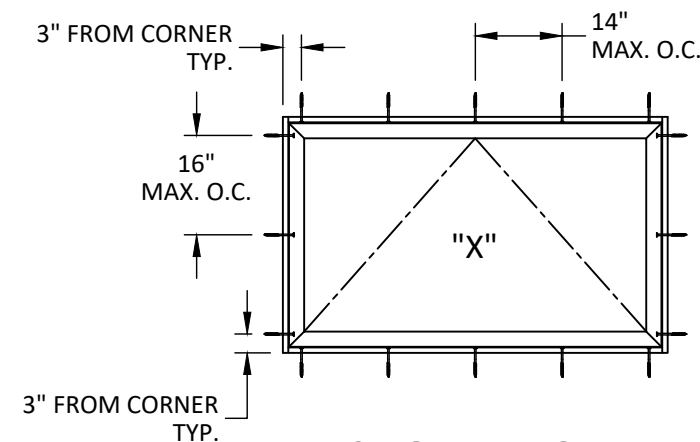
ANCHOR LAYOUT
ALL INSTALLATION METHODS

CONCENTRATED ANCHOR TABLE

DESIGN PRESSURE (+/- PSF)	MIN. QTY REQUIRED AT EA. END OF VERT. MULL*	MIN. QTY REQUIRED AT SILL OF VERT. MULL FOR RECEPTOR INSTALLATION**
40	2	4
65	4	6

NOTE: MAX. VENT SIZES BASED ON
APPROVED VENT SIZE CHART ON
PAGE 4 & 5

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, CLIP, STRAP, TRIM/CLIP AND THROUGH FRAME INSTALLATIONS.
** QUANTITY OF ANCHORS IS THE MINIMUM REQUIRED QUANTITY OF ANCHORS THROUGH THE RECEPTOR SILL (SEE TYP. DETAIL A/6) ADJACENT TO EA. SIDE OF STACK MULL. ANCHORS SHALL BE SPACED 3" O.C. TO EA. SIDE OF MULL.



ANCHOR LAYOUT
ALL INSTALLATION METHODS



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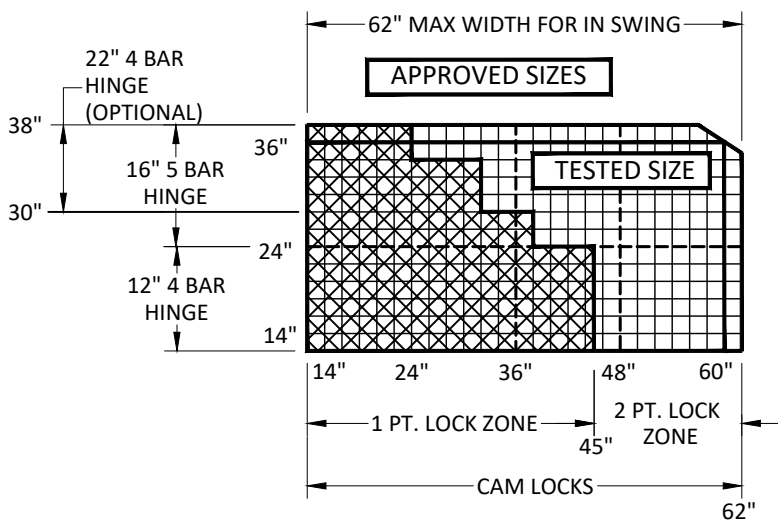
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APPROVED VENT SIZES

PROJECT IN (STANDARD HARDWARE)



HARDWARE SCHEDULE

PROJECT IN

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.
HINGE OPTIONS	1	12" 4-BAR HINGES (4K-14207), TWO PER VENT. SECURED WITH (3) #10 X 3/8" PH SMS. HINGE BASE (E1-1782) SECURED WITH (3) #10 X 3/4" FH SMS. SEE NOTE BELOW FOR SNUBBER REQUIREMENTS.
	2	16" 5-BAR HINGES (5K-15284), TWO PER VENT. SECURED WITH (3) #10 X 3/8" PH SMS. HINGE BASE (E1-1782) SECURED WITH (3) #10 X 3/4" FH SMS. SEE NOTE BELOW FOR SNUBBER REQUIREMENTS.
	3	22" 4-BAR HINGES (4K-14209), TWO PER VENT. SECURED WITH (3) #10 X 3/8" PH SMS. HINGE BASE (E1-1782) SECURED WITH (3) #10 X 3/4" FH SMS.

SNUBBER SCHEDULE

NUMBER OF REQUIRED SNUBBERS AT HINGE JAMB	VENT WIDTH (W)
1	≥ 30"

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 POINT AND 2 POINT LOCK ZONE REPRESENTS SIZES WHICH MAY USE ONLY 1 LOCKING POINT INSTEAD OF 2 AS-TESTED. SEE BELOW FOR LOCKING HARDWARE REQUIREMENTS.
- GLASS TYPE SHALL COMPLY WITH THE REQUIREMENTS OF ASTM E1300.
- UNITS SHALL FOLLOW HARDWARE REQUIREMENTS SHOWN IN DIAGRAM.

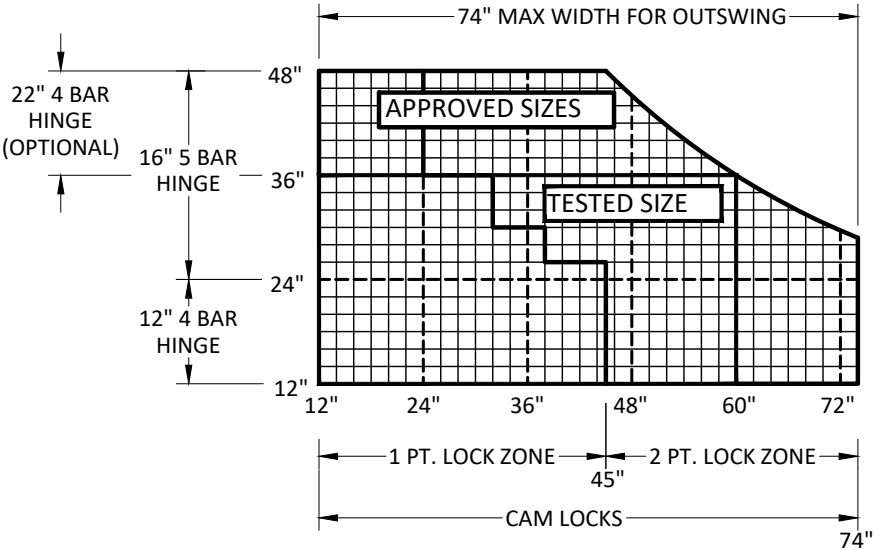
HINGE LIMITS

- 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 7/8" GLASS HEIGHT = VENT HEIGHT - 3 7/8"

APPROVED VENT SIZES

PROJECT OUT (STANDARD HARDWARE)



HARDWARE SCHEDULE

PROJECT OUT

HARDWARE TYPE	OPTION#	DESCRIPTION
LOCK OPTIONS	1	BRONZECRAFT CAM HANDLES (E1-1541/1542 FOR OUTSWING, E1-1503/1504 FOR INSWING) AT LOCK STILE OF VENT, 8" FROM EA. END SECURED WITH (2) #10 X 1/2" FH SM. BRONZECRAFT KEEPERS (E1-1519 FOR OUTSWING, E1-1707 FOR INSWING) 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). LOCK KEEPERS (E1-1954, E1-1955) SECURED WITH (2) #10 X 1/2" FH SMS. MAXIMUM WINDOW WIDTH FOR SYSTEM = 58".
HINGE OPTIONS	1	12" 4-BAR HINGES (4K-14207), TWO PER VENT. SECURED WITH (3) #10 X 3/8" PH SMS. HINGE BASE (E1-1782) SECURED WITH (3) #10 X 3/4" FH SMS. SEE NOTE BELOW FOR SNUBBER REQUIREMENTS.
	2	16" 5-BAR HINGES (5K-15284), TWO PER VENT. SECURED WITH (3) #10 X 3/8" PH SMS. HINGE BASE (E1-1782) SECURED WITH (3) #10 X 3/4" FH SMS. SEE NOTE BELOW FOR SNUBBER REQUIREMENTS.
	3	22" 4-BAR HINGES (4K-14209), TWO PER VENT. SECURED WITH (3) #10 X 3/8" PH SMS. HINGE BASE (E1-1782) SECURED WITH (3) #10 X 3/4" FH SMS.

NOTE: 1 SNUBBER SET IS REQUIRED AT MIDSPAN OF FRAME SILL ON PROJECT IN UNITS 32" OR GREATER IN WIDTH.

NOTE: REFER TO PAGE 5 FOR ROTARY OPERATOR SCHEDULE



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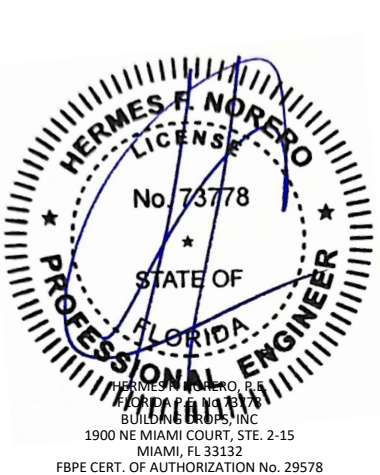
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HARDWARE SCHEDULE & APPROVED SIZES

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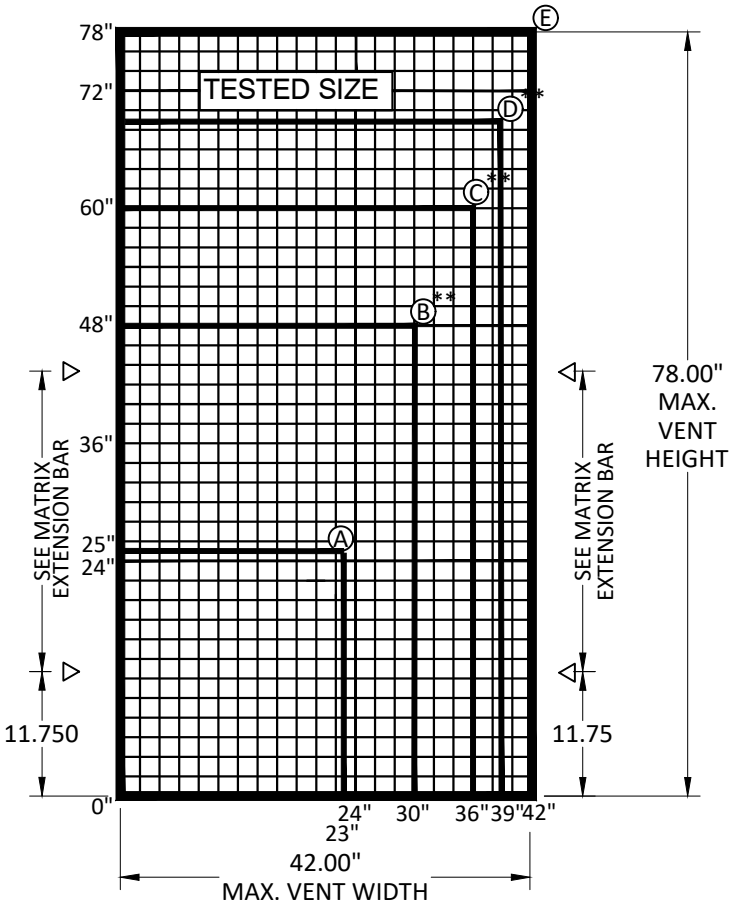
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ACCESSIBLE WINDOW SYSTEM - (AAMA 513-14)
VENT SIZES SHOWN

APPROVED VENT SIZES
PROJECT OUT WINDOW (ACCESSIBLE HARDWARE)

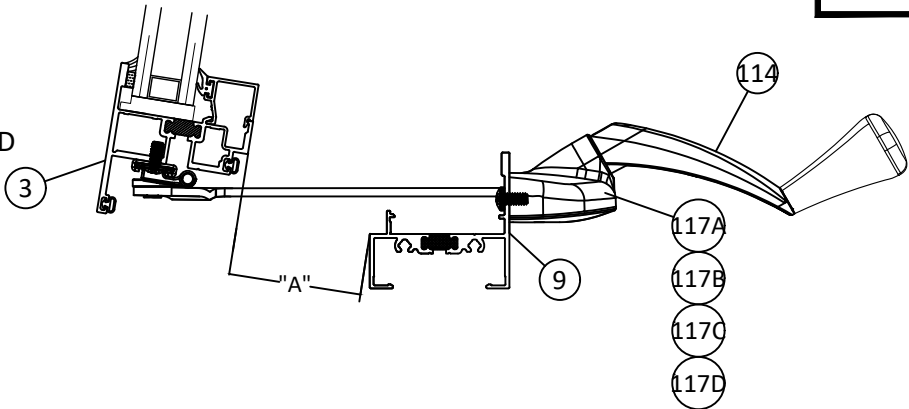


▷-LOCK POINT

APPROVED VENT SIZES

ELEVATION

MAX. VENT SIZES BASED ON DESIGN LOAD RESTRICTIONS



OUTSWING HARDWARE SCHEDULE

HARDWARE TYPE	OPTION#	DESCRIPTION
LOCK	1	(SEE MATRIX AT RIGHT) MULTI-POINT BASE LOCK BAR (E1-2001), LOCK EXTENSION BAR (E1-2002), SECURED TO EACH FRAME JAMB WITH (2) #10 X 1/2" PFH SMS, PER LOCK POINT. KEEPER (4K-18584) LOCATED AT 11 3/4" FROM BOTTOM OF STILE AND MAX. OF 22.3" THERE AFTER, SECURED WITH (2) #8 X 7/16" PH SMS. ACTUATED BY E1-1966 4" STANDARD HANDLE OR E1-1994 8" EXTENDED HANDLE SECURED TO FRAME JAMB WITH (2) #10 X 3/4" POH SMS
HINGE	1	4-BAR HINGE (SEE MATRIX AT RIGHT) 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.
ROTARY OPERATOR	1	BASED ON THE VENT WIDTH. DUAL ARM OPERATOR IN SCHEDULE IS MOUNTED TO THE FRAME SILL, SECURED WITH (2) #10 X 3/8" PPH SMS

ROTARY OPERATOR SCHEDULE

REQUIRED OPERATOR (1 PER VENT)	VENT WIDTH (W)	MAX. VENT OPENING (A)
*5.5" DUAL ARM E1-1991, WITH HANDLE CRANK E1-1983 OR E1-1932	23" ≤ W < 26"	1 3/16"
*7" DUAL ARM E1-2012, WITH HANDLE CRANK E1-1983 OR E1-1932	26" ≤ W < 30"	2 1/16"
9" DUAL ARM E1-2013, WITH HANDLE CRANK E1-1983 OR E1-1932	30" ≤ W < 34"	4 11/16"
11" DUAL ARM E1-1992, WITH HANDLE CRANK E1-1983 OR E1-1932	≥ 34" W	6 11/16"

* E1-1991 & E1-2012 OPERATORS CANNOT BE USED IF LIMIT DEVICES ARE USED.

FMPL SYSTEM - ACCESSIBLE WINDOW - HARDWARE MATRIX

FRAME MPL SYSTEM						
YOW 350 TU - PROJECT OUT WITH E1-1995 10" 4 BAR HINGE						
MINIMUM VENT HEIGHT DIMENSION	BASE BAR	BASE BAR PART NUMBER	MAX. VENT WEIGHT	EXTENSION BAR	EXTENSION BAR PART NUMBER	NUMBER OF LOCK POINTS PER JAMB
25" - 26.99"	5 1/4"	E1-2001-000525	64# [29.0Kg]	NONE		1
FRAME MPL SYSTEM						
YOW 350 TU - PROJECT OUT WITH E1-1996 12" 4 BAR HINGE						
MINIMUM VENT HEIGHT DIMENSION	BASE BAR	BASE BAR PART NUMBER	MAX. VENT WEIGHT	EXTENSION BAR	EXTENSION BAR PART NUMBER	NUMBER OF LOCK POINTS PER JAMB
27" - 30.99"	5 1/4"	E1-2001-000525	75# [34.0 Kg]	NONE		1
FRAME MPL SYSTEM						
YOW 350 TU - PROJECT OUT WITH E1-1997 16" 4 BAR HINGE						
MINIMUM VENT HEIGHT DIMENSION	BASE BAR	BASE BAR PART NUMBER	MAX. VENT WEIGHT	EXTENSION BAR	EXTENSION BAR PART NUMBER	NUMBER OF LOCK POINTS PER JAMB
31" - 42.99"	5 1/4"	E1-2001-000525	94#[42.6 Kg]	NONE		1
43" - 56.99"	5 1/4"	E1-2001-000525	94#[42.6 Kg]	12"	E1-1955-0100	2
FRAME MPL SYSTEM						
YOW 350 TU - PROJECT OUT WITH E1-1998 20" 4 BAR HINGE						
MINIMUM VENT HEIGHT DIMENSION	BASE BAR	BASE BAR PART NUMBER	MAX. VENT WEIGHT	EXTENSION BAR	EXTENSION BAR PART NUMBER	NUMBER OF LOCK POINTS PER JAMB
57" - 63.99"	5 1/4"	E1-2001-000525	120# [54.4Kg]	22"	E1-2002-0110	2
FRAME MPL SYSTEM						
YOW 350 TU - PROJECT OUT WITH E1-1999 24" 4 BAR HINGE						
MINIMUM VENT HEIGHT DIMENSION	BASE BAR	BASE BAR PART NUMBER	MAX. VENT WEIGHT	EXTENSION BAR	EXTENSION BAR PART NUMBER	NUMBER OF LOCK POINTS PER JAMB
64" - 78"	5 1/4"	E1-2001-000525	180# [68.0 Kg]	22"	E1-2002-0110	2

APPROVED VENT SIZES WITH ROTARY OPERATOR

	VENT SIZE	VENT SQUARE FEET	ALLOWABLE DESIGN PRESSURE	INSULATED VENT WEIGHT @ 7.2 LBS. PER SQ. FT.
A	MINIMUM SIZE: 23" [584.2] X 25" [635.0]	4.0	65.0	28.8 LBS.
B**	30" [762.0] X 48" [1219.2]	10.0	65.0	72.0 LBS.
C**	36" [914.4] X 60" [1524.0]	15.0	65.0	108.0 LBS.
D**	39" [990.6] X 69" [1752.6]	18.7	55.0	134.6 LBS.
E	MAXIMUM & TESTED SIZE: 42" [1066.8] X 78" [1981.2]	22.7	45.0	163.4 LBS.

** NOT APPROVED FOR ACCESSIBLE WINDOWS

LOCK-POINT SCHEDULE

NUMBER OF REQUIRED LOCK ENGAGEMENTS PER STILE (KEEPER K-18584)	VENT HEIGHT (H)
1	≥ 25"-42.99"H
2	≥ 43"-78"H



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PROJECT OUT & PROJECT IN WINDOWS
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HARDWARE SCHEDULE & APPROVED SIZES

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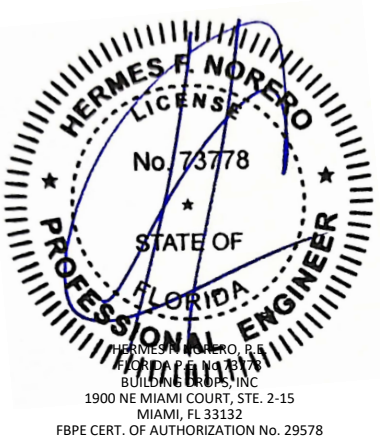
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8TH FBC CODE CHANGE	SH	06.02.23
MISC. UPDATE	SH	02.26.24
9TH FBC CODE CHANGE	SH	07.31.26

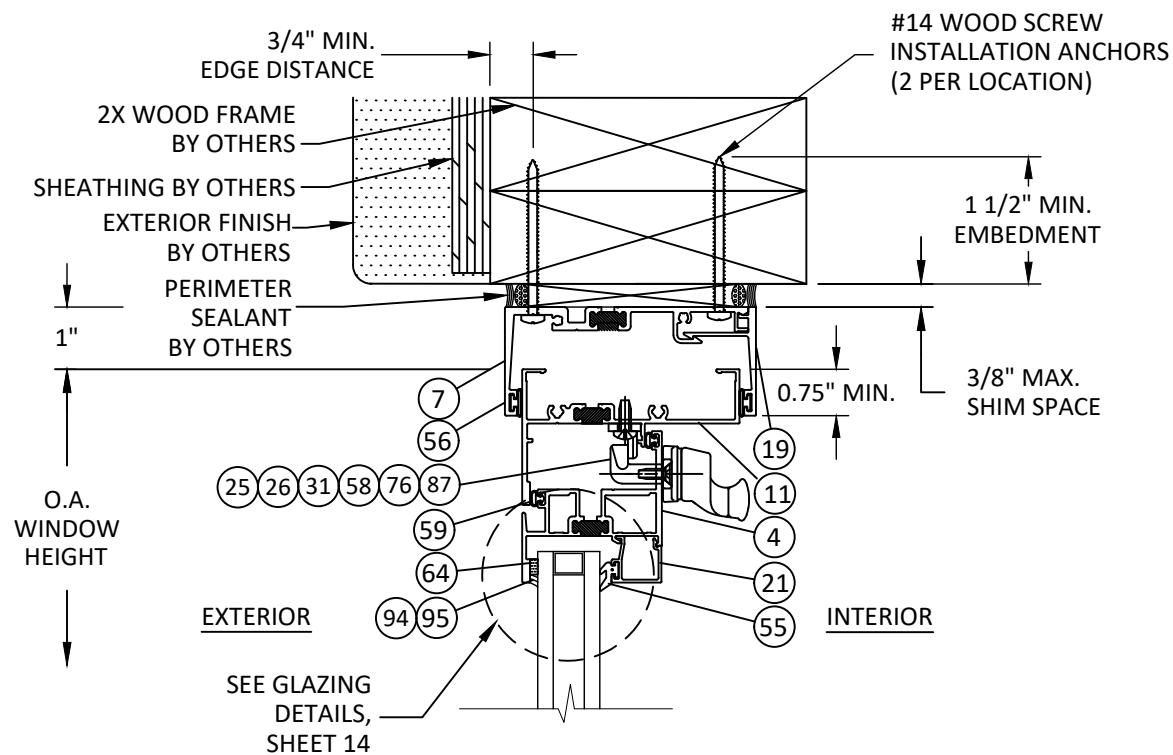
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SCALE:	NTS
DWG. #:	YKK152
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REV.	E

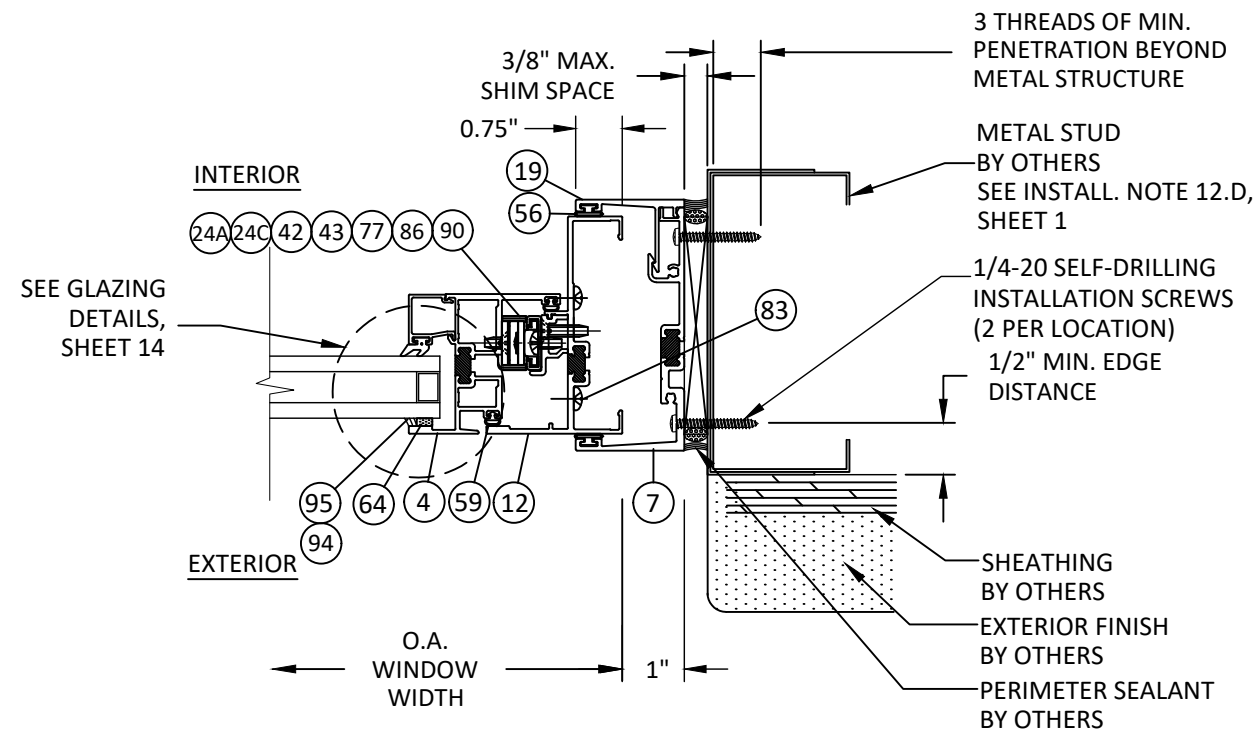
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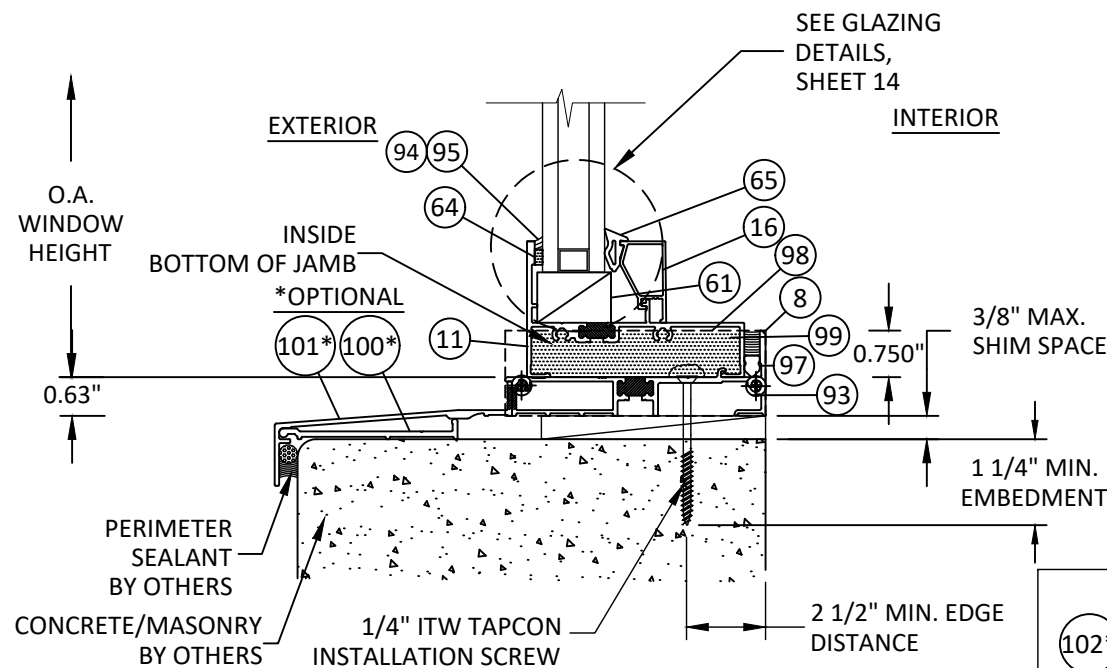


B
6 **VERTICAL SECTION**
PROJECT IN HEAD - 2X WOOD FRAME
INT. SET RECEPTOR - TYP.

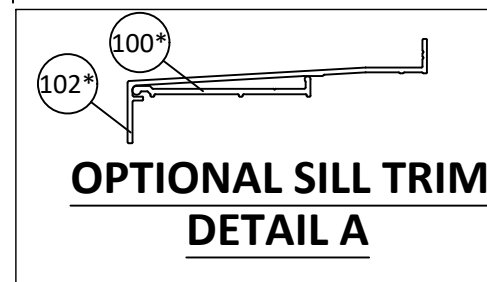
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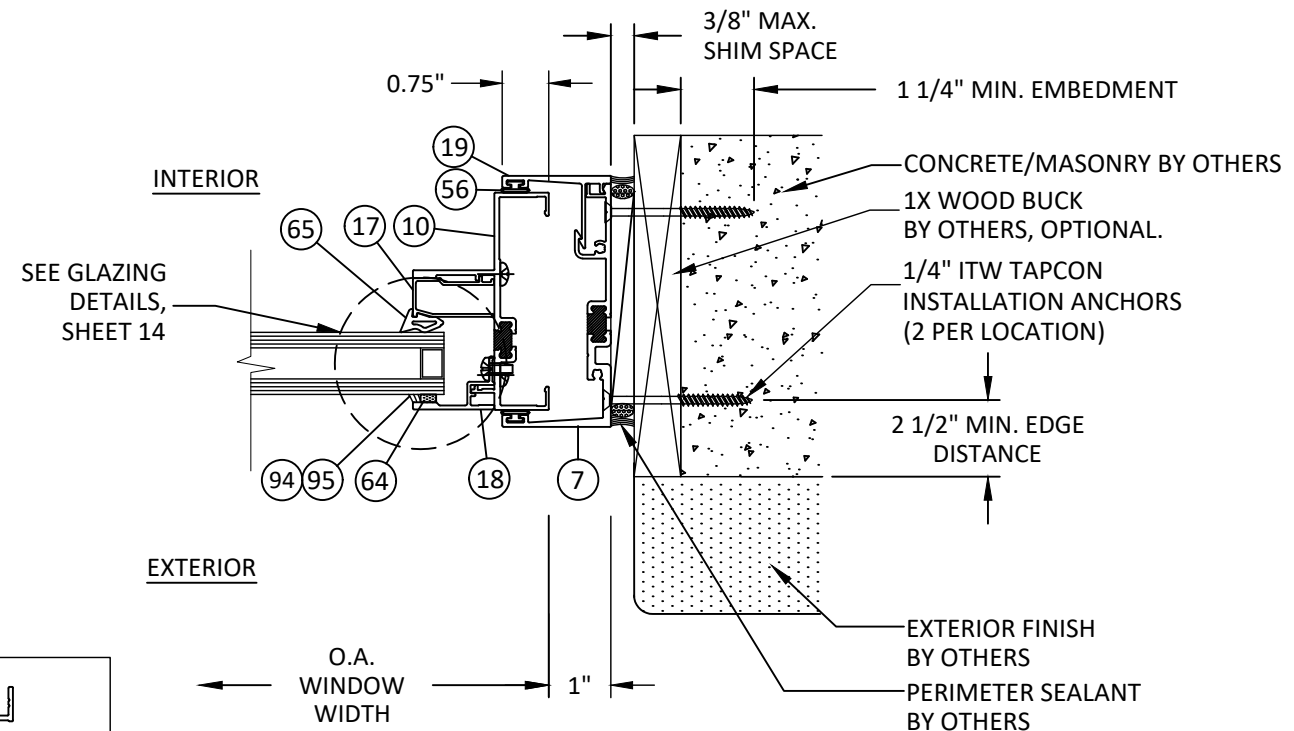
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6 **HORIZONTAL SECTION**
PROJECT IN JAMB - METAL STUD FRAME
INT. SET RECEPTOR - TYP.



A
6 **VERTICAL SECTION**
FIXED SILL - CONCRETE/MASONRY
SILL FLASHING- TYP.



**OPTIONAL SILL TRIM
DETAIL A**



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



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RECEPTOR INSTALLATION DETAILS

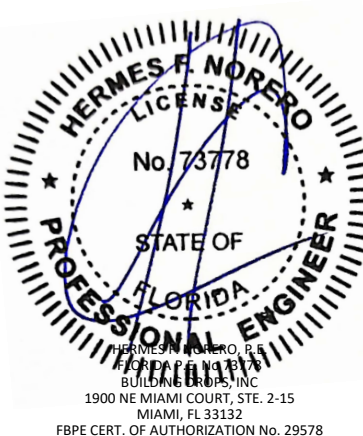
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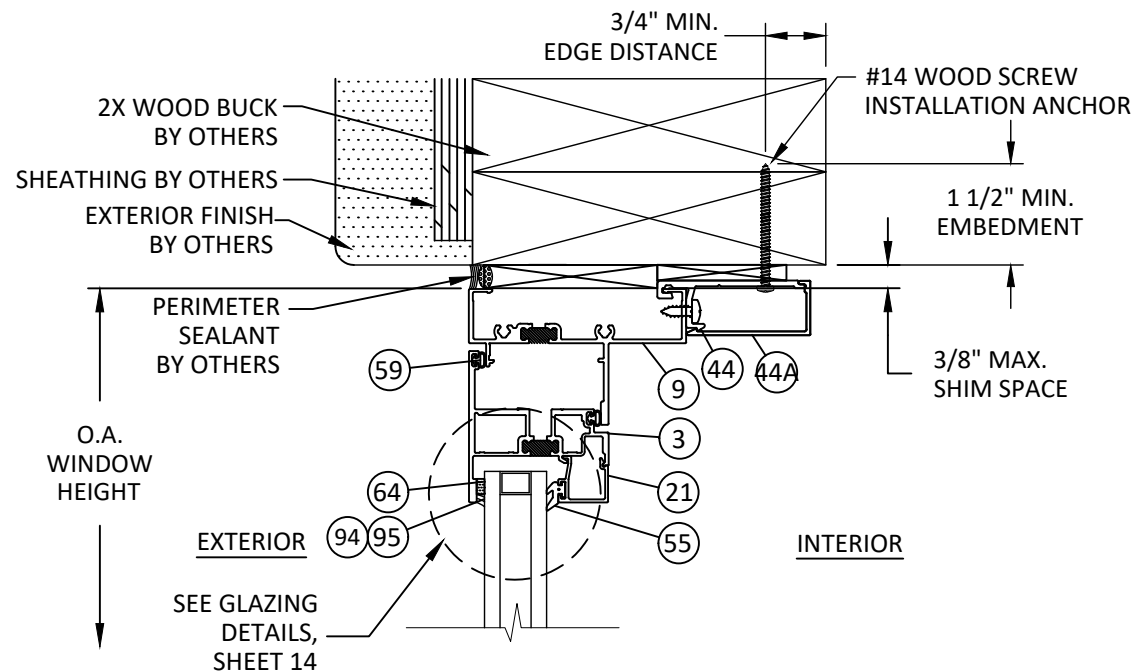
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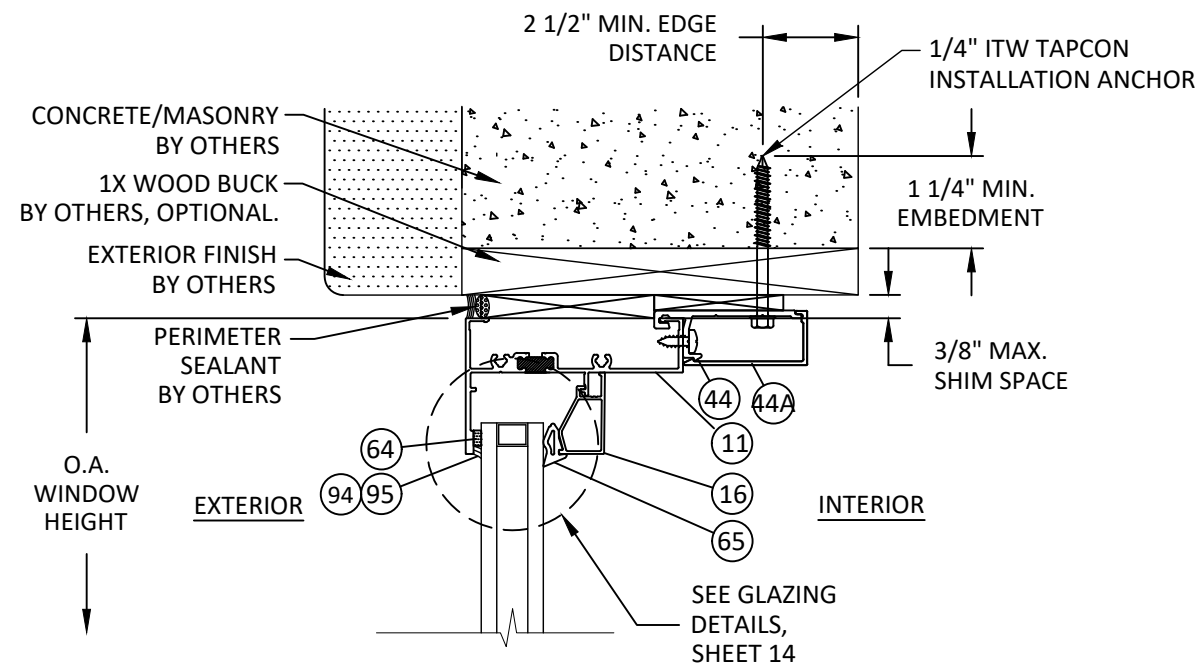
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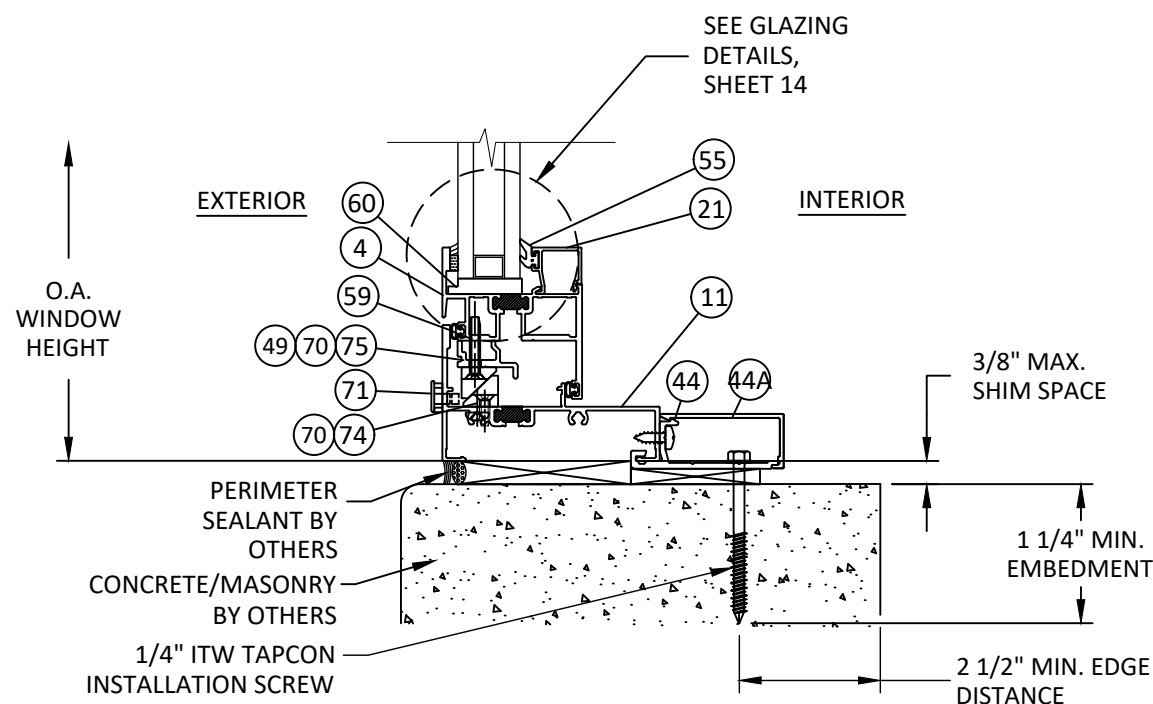


G7 VERTICAL SECTION
PROJECT OUT HEAD - 2X WOOD FRAME
CLIP ANCHOR - TYP.

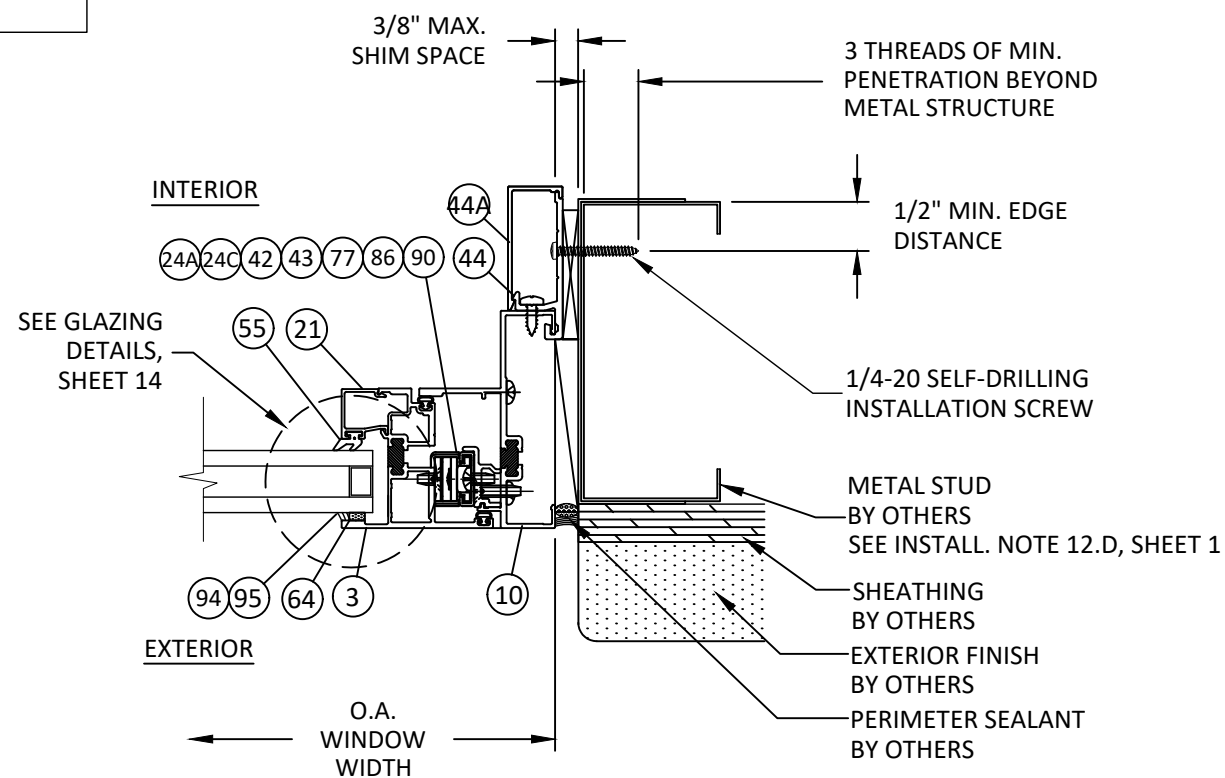
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H7 VERTICAL SECTION
FIXED HEAD - 1X/CONCRETE/MASONRY
CLIP ANCHOR - TYP.



F7 VERTICAL SECTION
PROJECT IN SILL - CONCRETE/MASONRY
CLIP ANCHOR - TYP.



I7 HORIZONTAL SECTION
PROJECT OUT JAMB - METAL STUD FRAME
CLIP ANCHOR - TYP.



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CLIP INSTALLATION DETAILS

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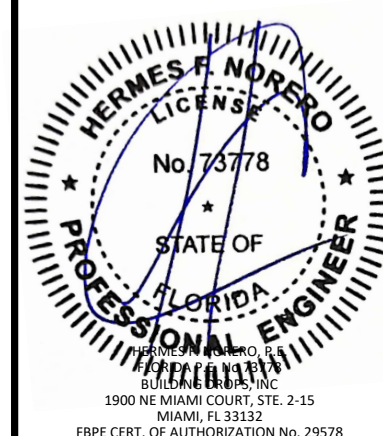
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SCALE: NTS

DWG. #: YKK152

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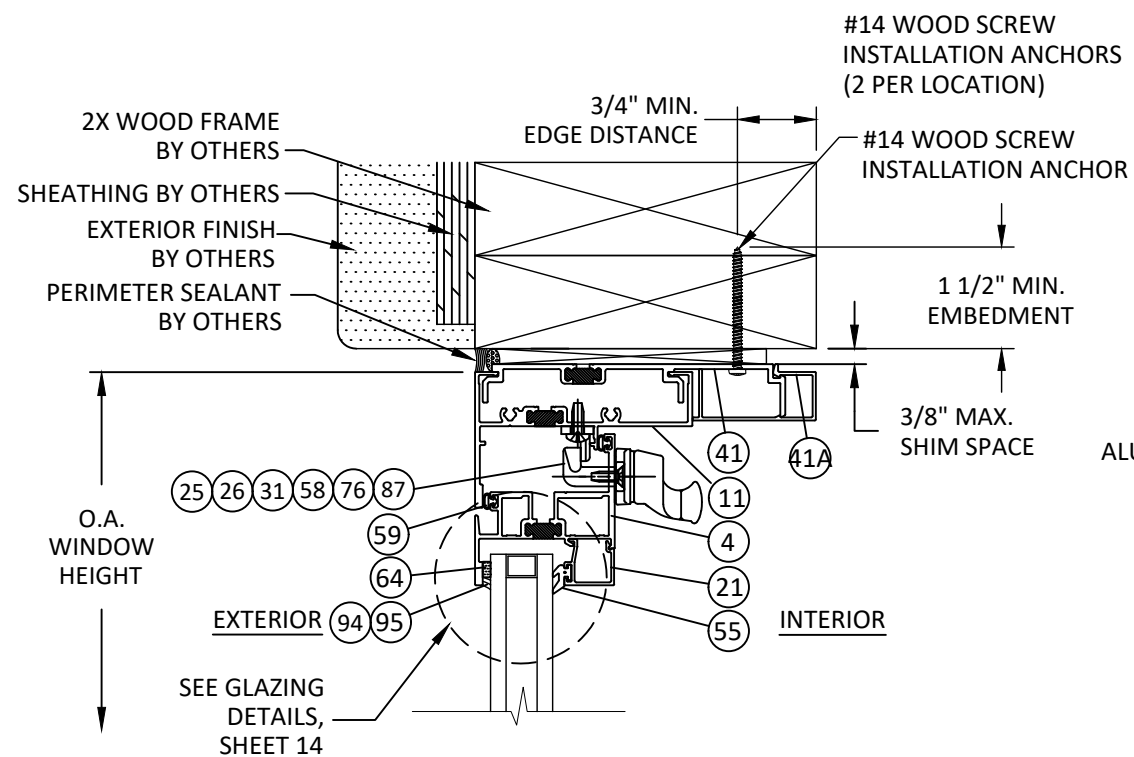
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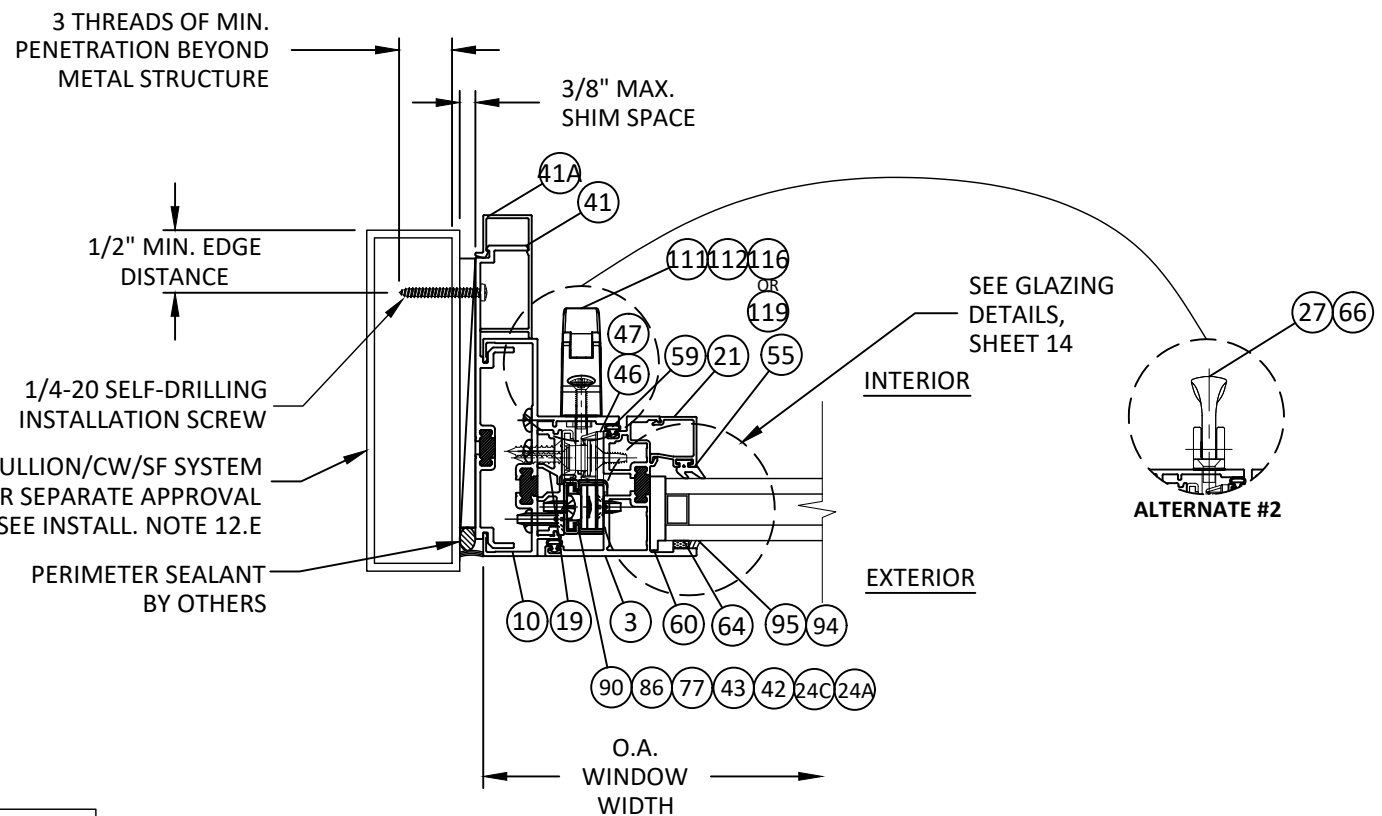
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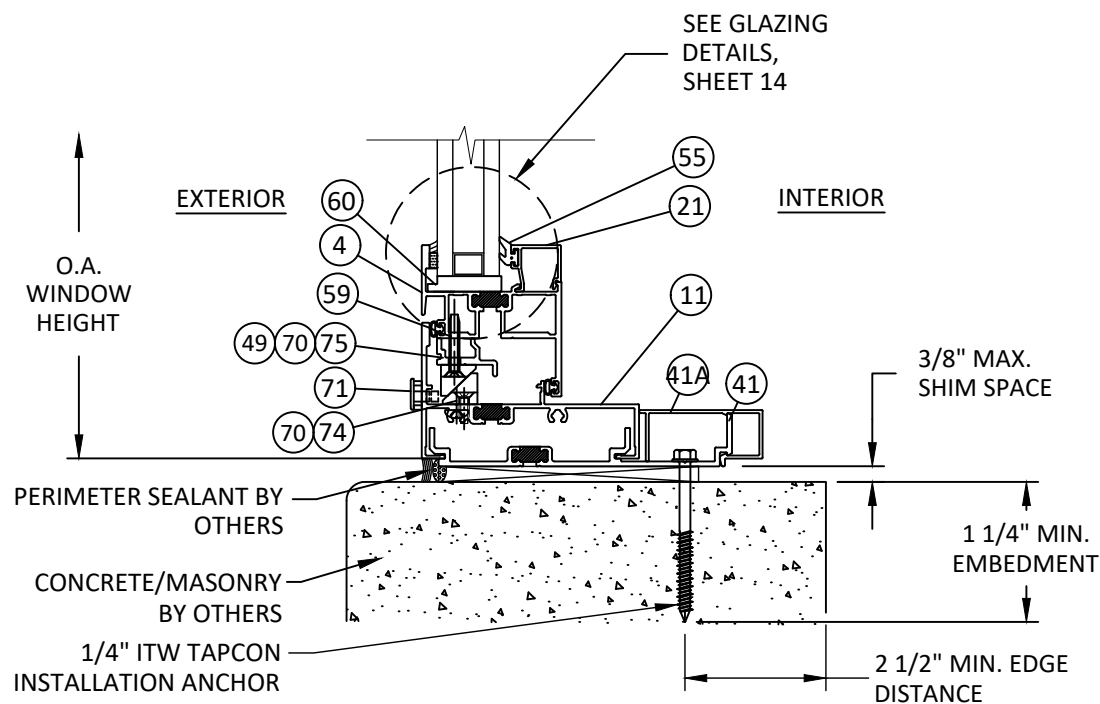


K
8 **VERTICAL SECTION**
PROJECT IN HEAD - 2X WOOD FRAME
STRAP ANCHOR - TYP.

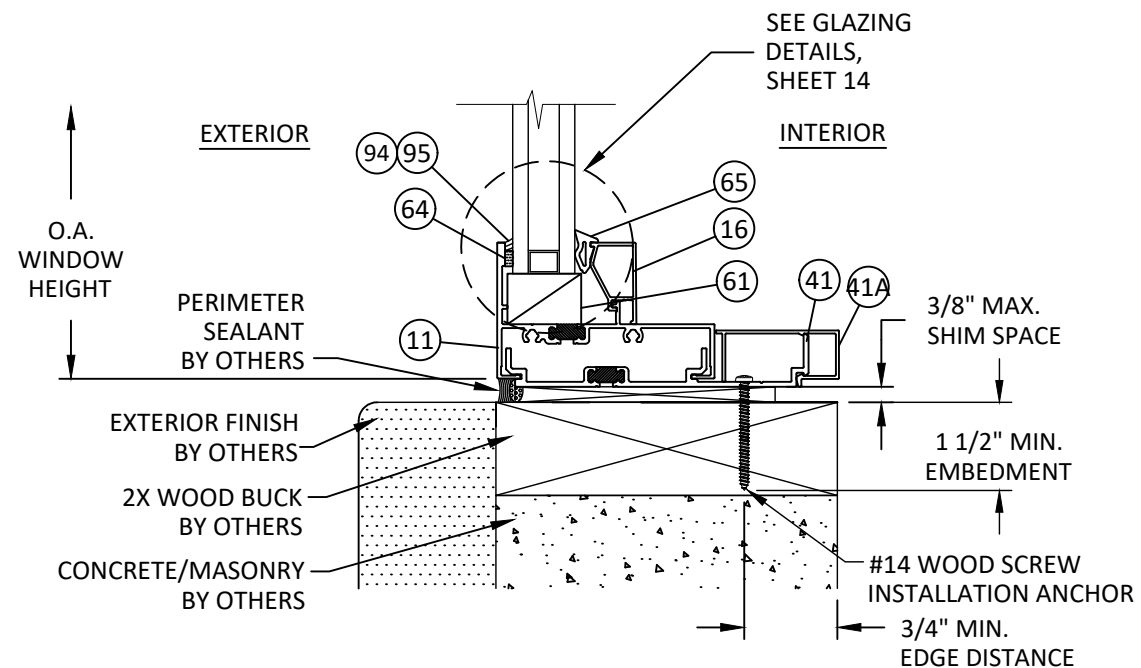
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L
8 **HORIZONTAL SECTION**
PROJECT OUT JAMB - MULL TUBE FRAME
STRAP ANCHOR - TYP.
ALTERNATE #1



J
8 **VERTICAL SECTION**
PROJECT IN SILL - CONCRETE/MASONRY
STRAP ANCHOR - TYP.



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



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STRAP INSTALLATION DETAILS

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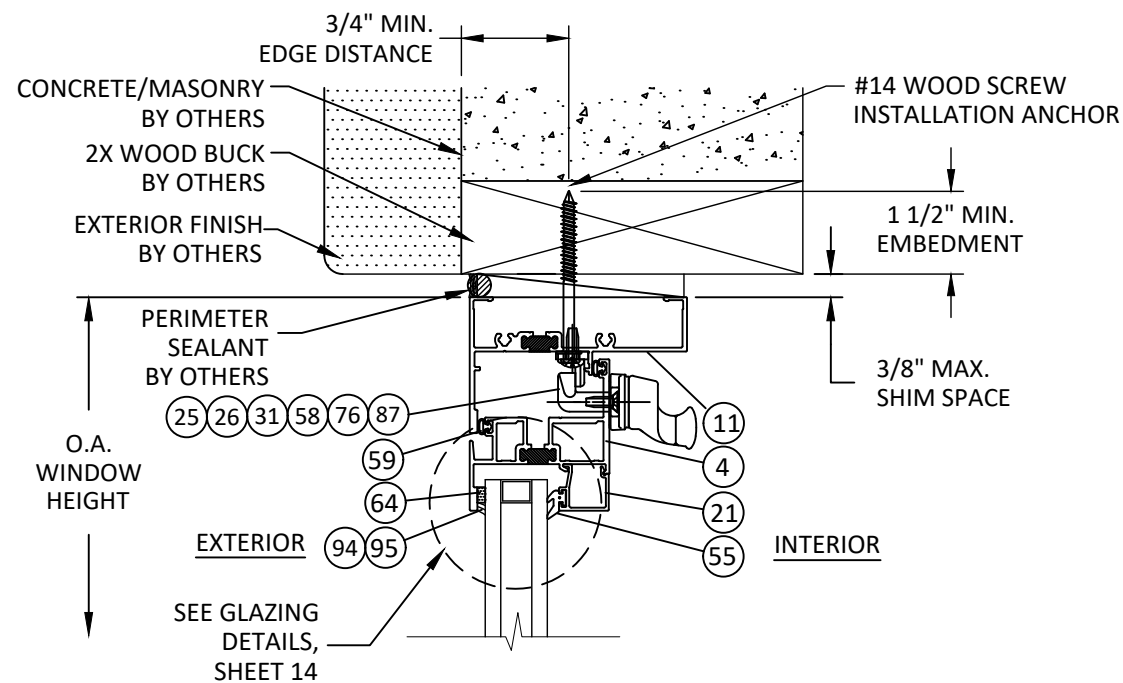
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SCALE: **NTS**

DWG. #: **YKK152**

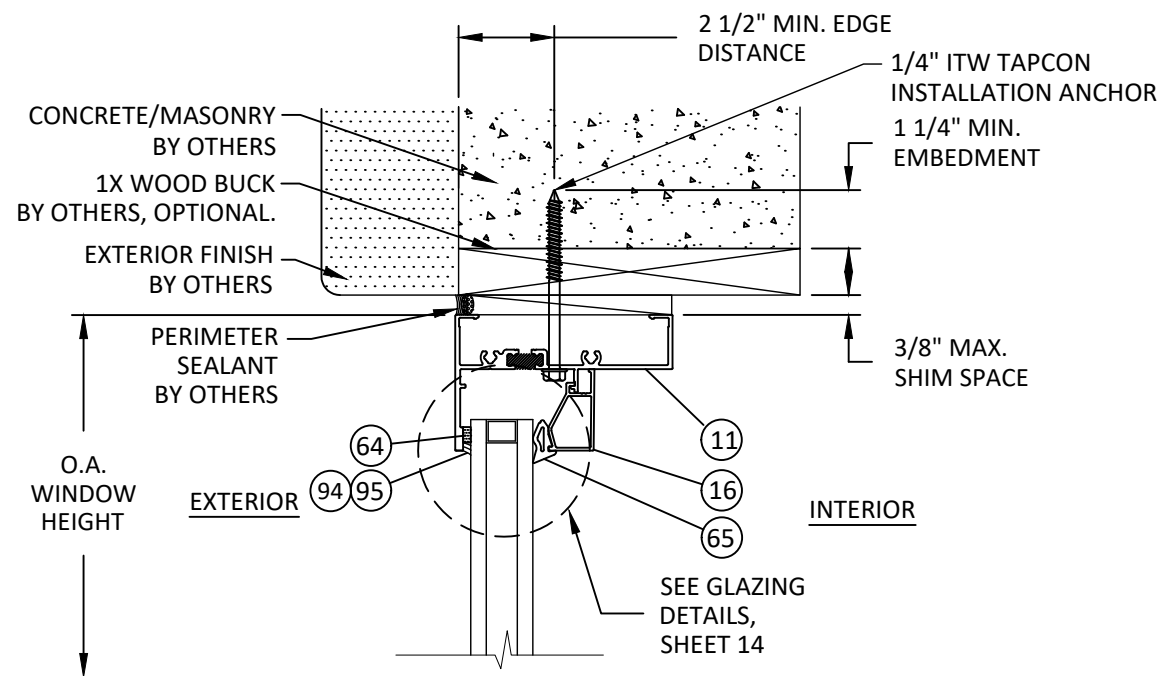
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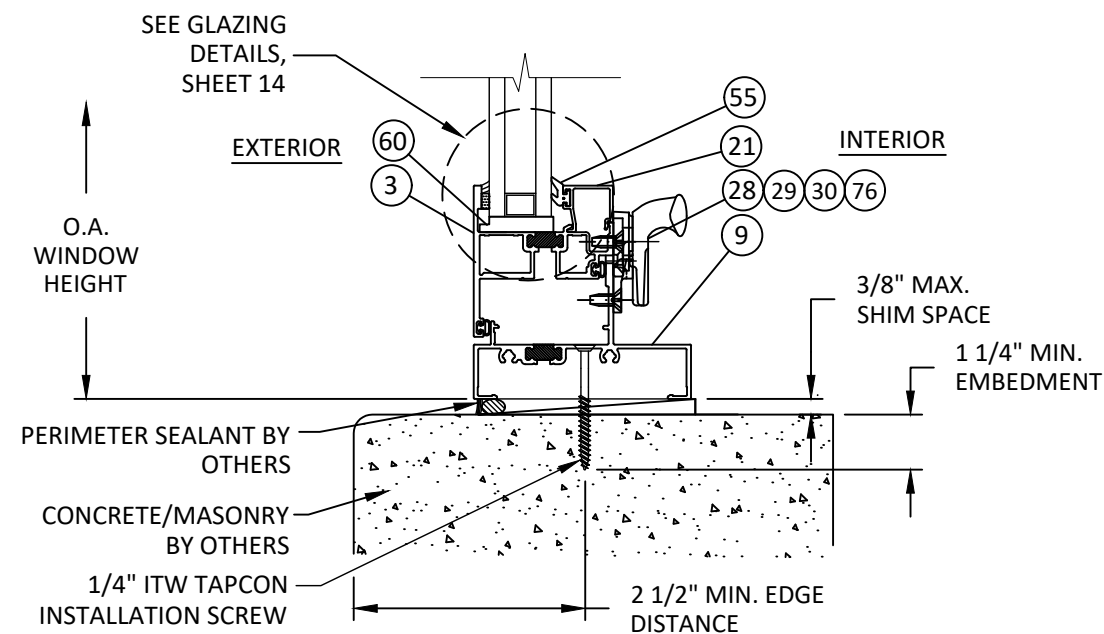


O9 VERTICAL SECTION
PROJECT IN HEAD - 2X WOOD BUCK
THROUGH FRAME - TYP.

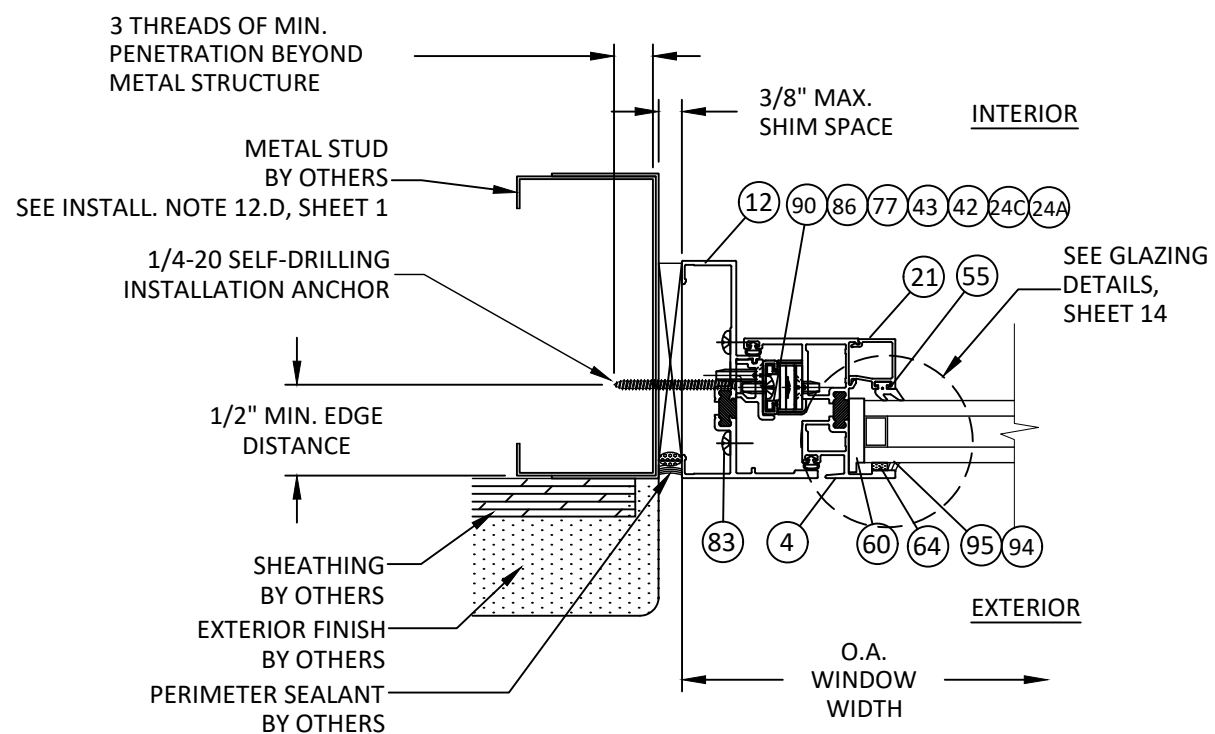
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P9 VERTICAL SECTION
FIXED HEAD - 1X/CONCRETE/MASONRY
THROUGH FRAME - TYP.



N9 VERTICAL SECTION
PROJECT OUT SILL - CONCRETE/MASONRY
THROUGH FRAME - TYP.



Q9 HORIZONTAL SECTION
PROJECT IN JAMB - METAL STUD FRAME
THROUGH FRAME - TYP.



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PROJECT OUT & PROJECT IN WINDOWS
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THROUGH FRAME
INSTALLATION DETAILS

PREPARED BY:

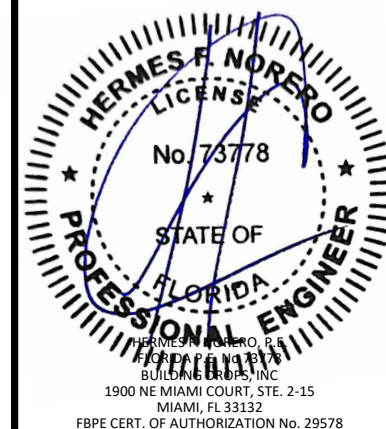
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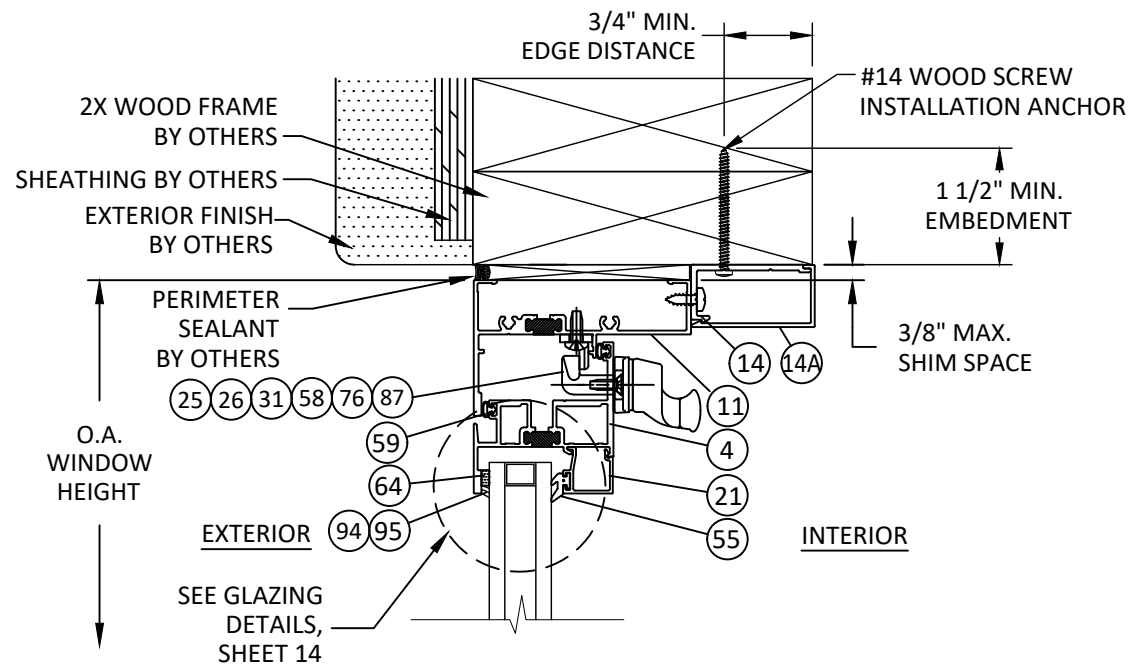
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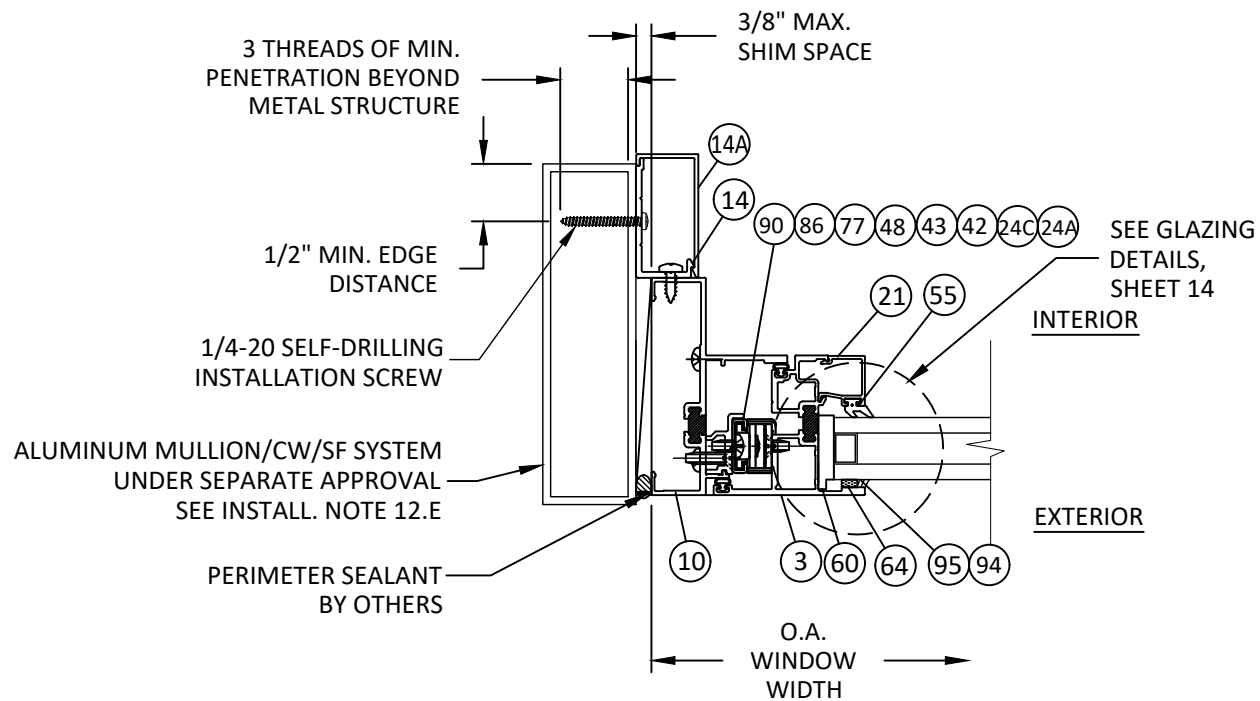
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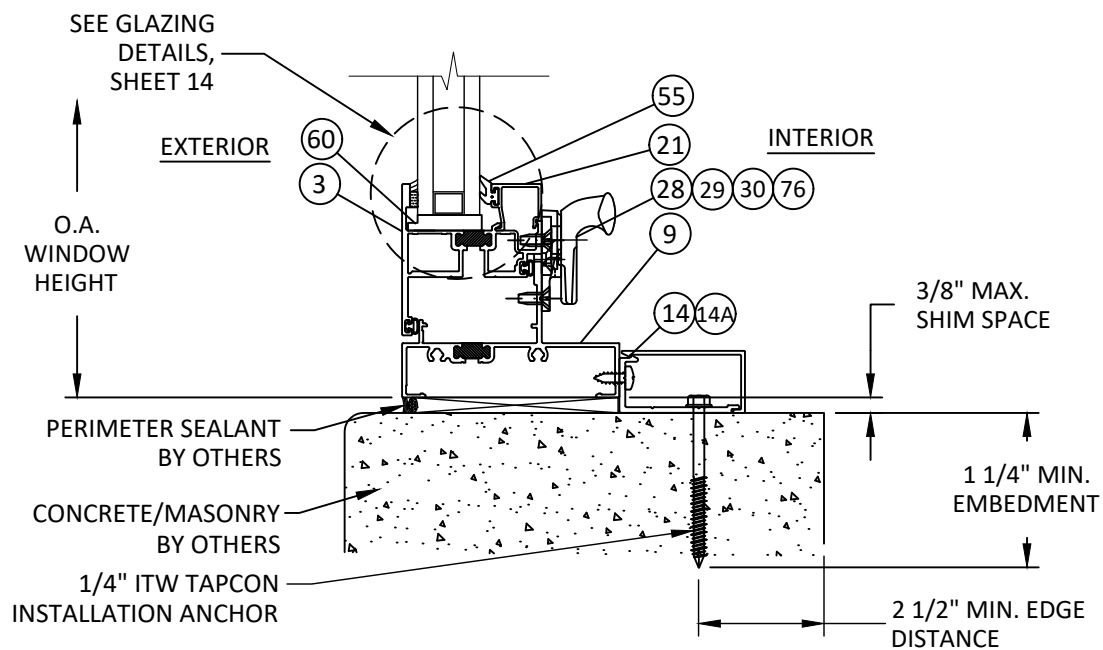


S
10 **VERTICAL SECTION**
PROJECT IN HEAD - 2X WOOD FRAME
TRIM CLIP ANCHOR - TYP.

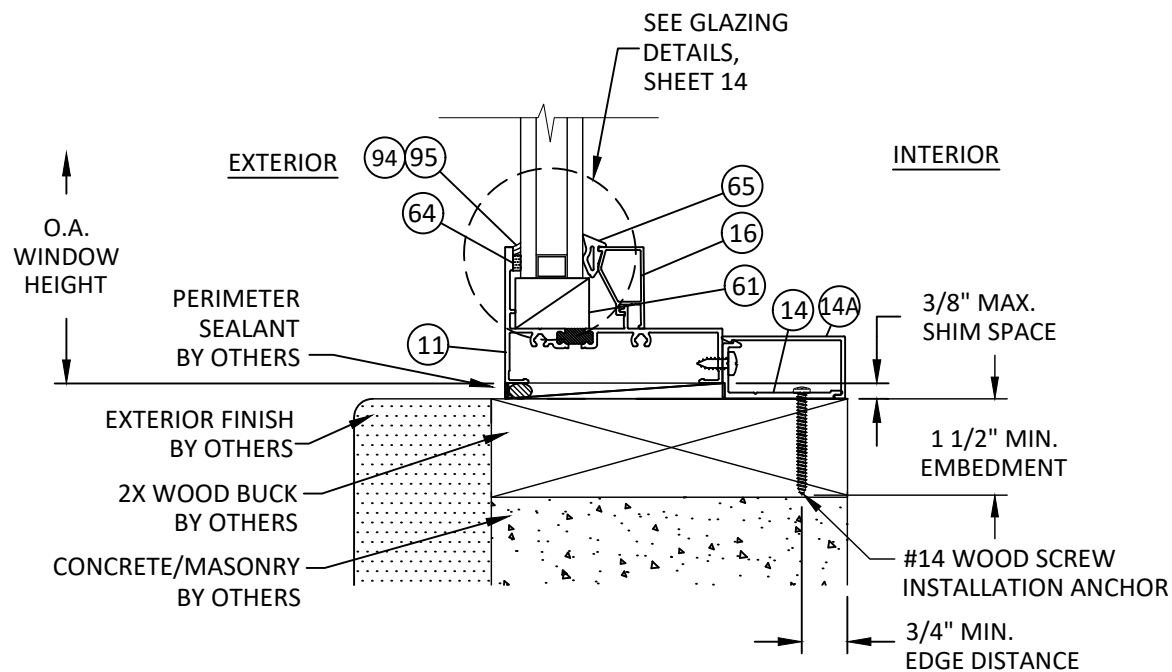
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T
10 **HORIZONTAL SECTION**
PROJECT OUT JAMB - MULL TUBE FRAME
TRIM CLIP ANCHOR - TYP.



R
10 **VERTICAL SECTION**
PROJECT OUT SILL - CONCRETE/MASONRY
TRIM CLIP ANCHOR - TYP.



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



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TRIM CLIP ANCHOR INSTALLATION

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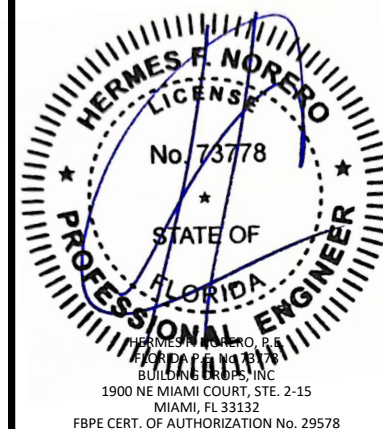
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SCALE: **NTS**

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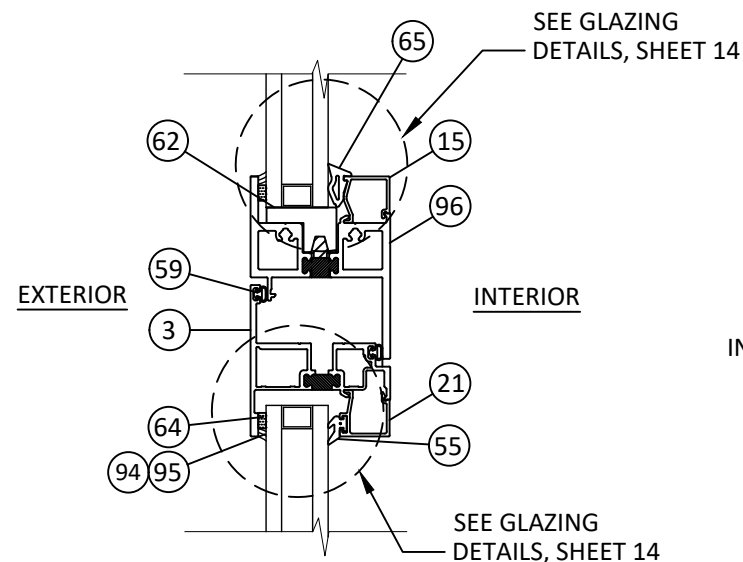
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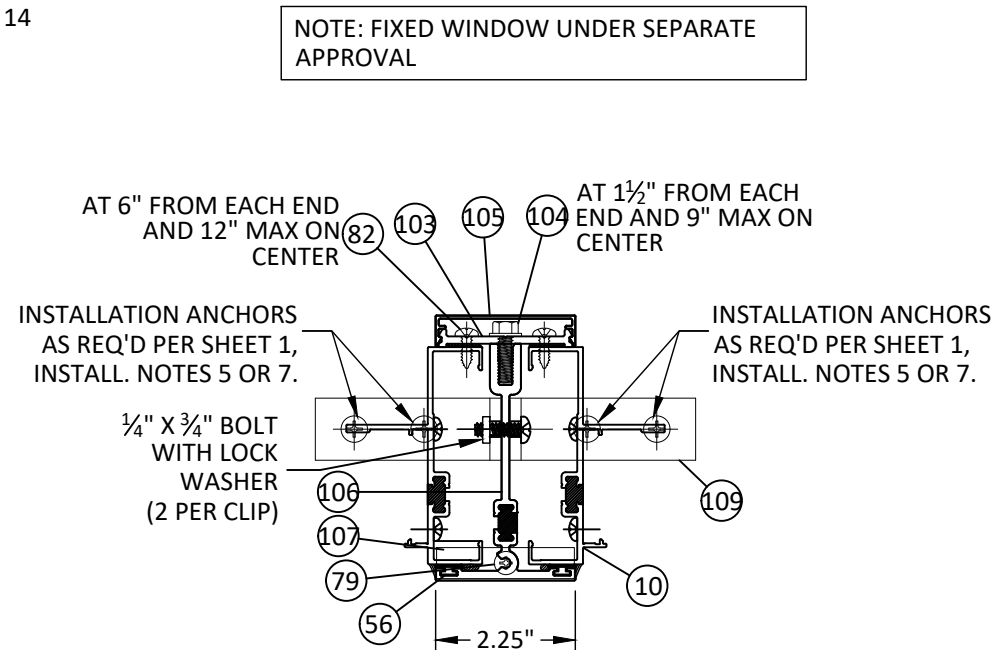
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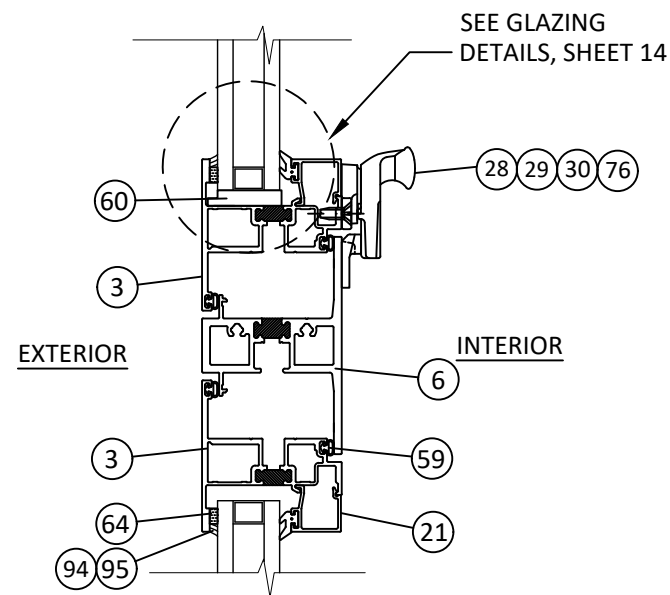
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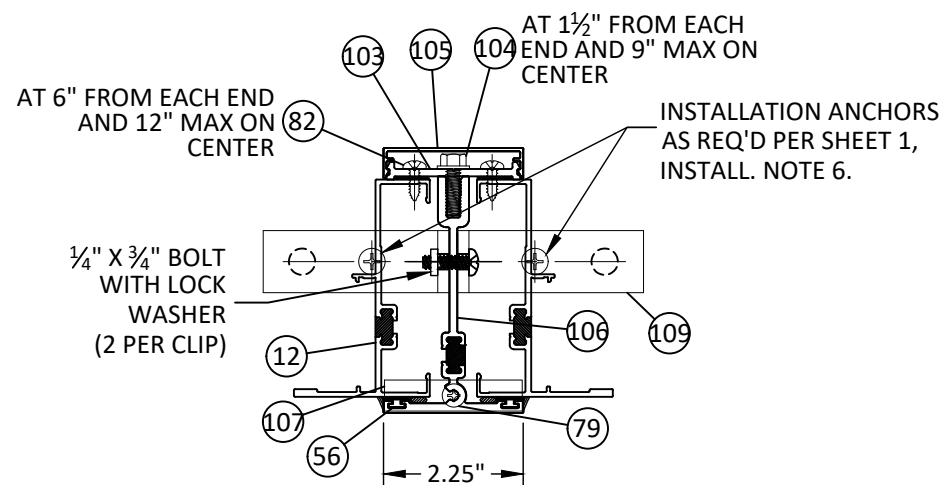
W11 HORIZONTAL SECTION
FIXED OVER PROJECT OUT



Z11 HORIZONTAL SECTION
STACK MULLION - TYP.
INSTALL TO WOOD/METAL FRAME

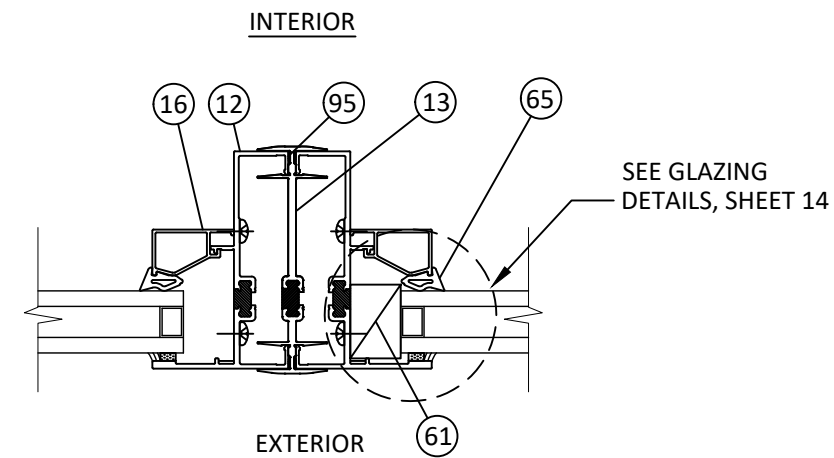


V11 VERTICAL SECTION
INTEGRAL MULLION-TYP.
PROJECT OUT OVER PROJECT OUT



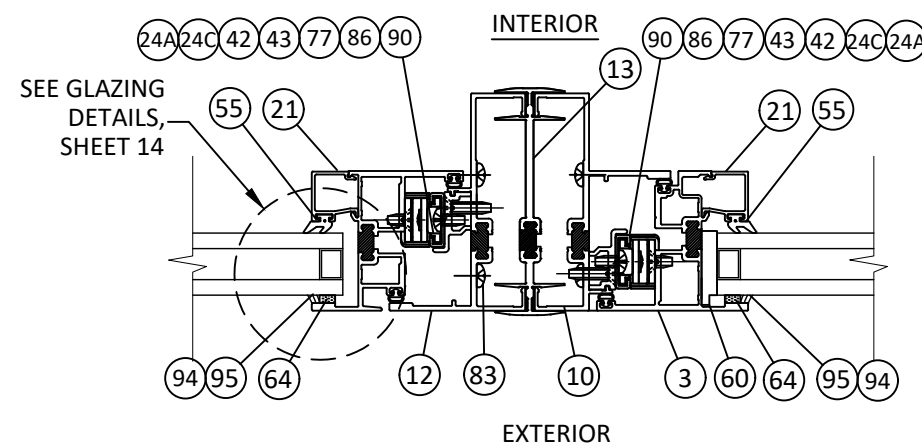
AA11 HORIZONTAL SECTION
STACK MULLION - TYP.
INSTALL TO CONCRETE/MASONRY

NOTE: FIXED WINDOW UNDER SEPARATE APPROVAL



X11 HORIZONTAL SECTION
ZERO MULLION - TYP.
FIXED - FIXED

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Y11 HORIZONTAL SECTION
ZERO MULLION - TYP.
PROJECT IN - PROJECT OUT



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PROJECT OUT & PROJECT IN WINDOWS
(NON-HVHZ) (NON-IMPACT)

INTEGRAL & STACK MULL DETAILS

PREPARED BY:

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MIAMI, FL 33132

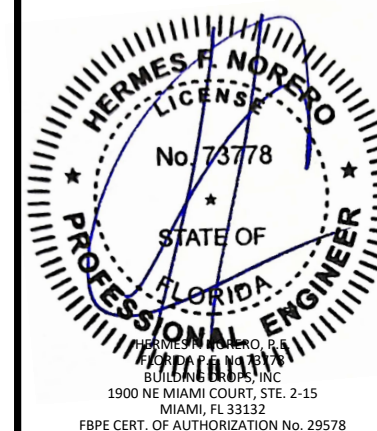
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7TH FBC CODE CHANGE	MS	04.16.20
8TH FBC CODE CHANGE	SH	06.02.23
MISC. UPDATE	SH	02.26.24
9TH FBC CODE CHANGE	SH	07.31.26

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FL #:

FL16313

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DWG. BY:
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CHK. BY:
HFN

SCALE: NTS

DWG. #: YKK152

SHEET:

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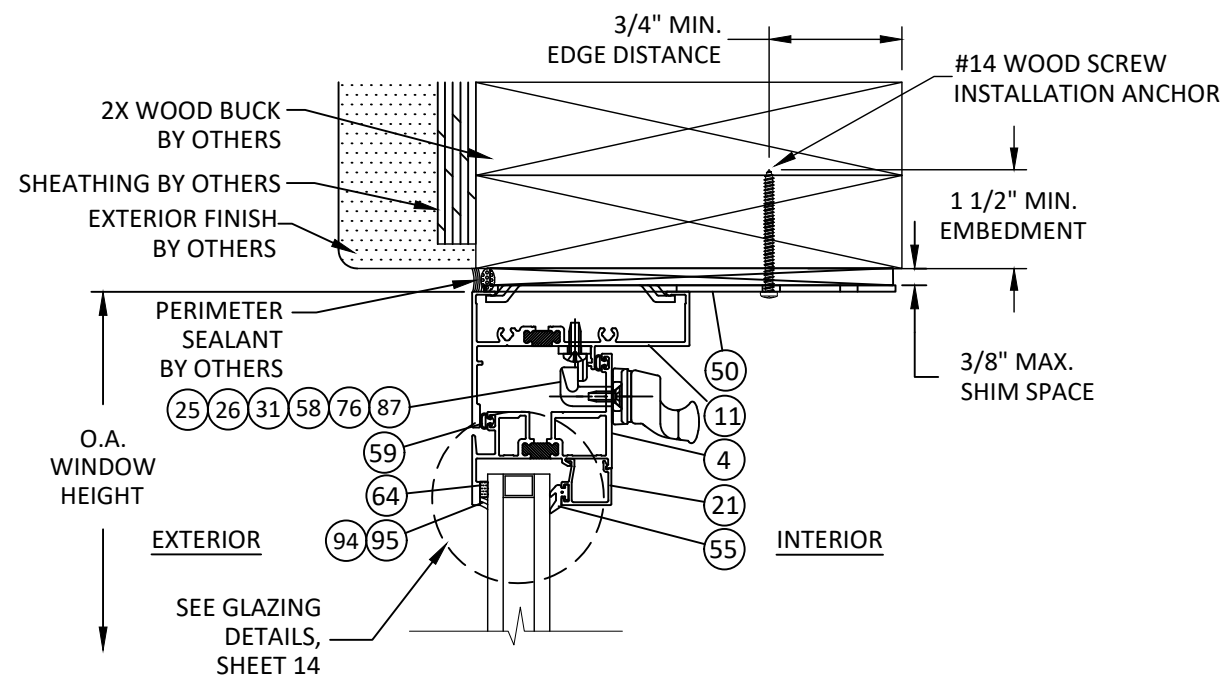
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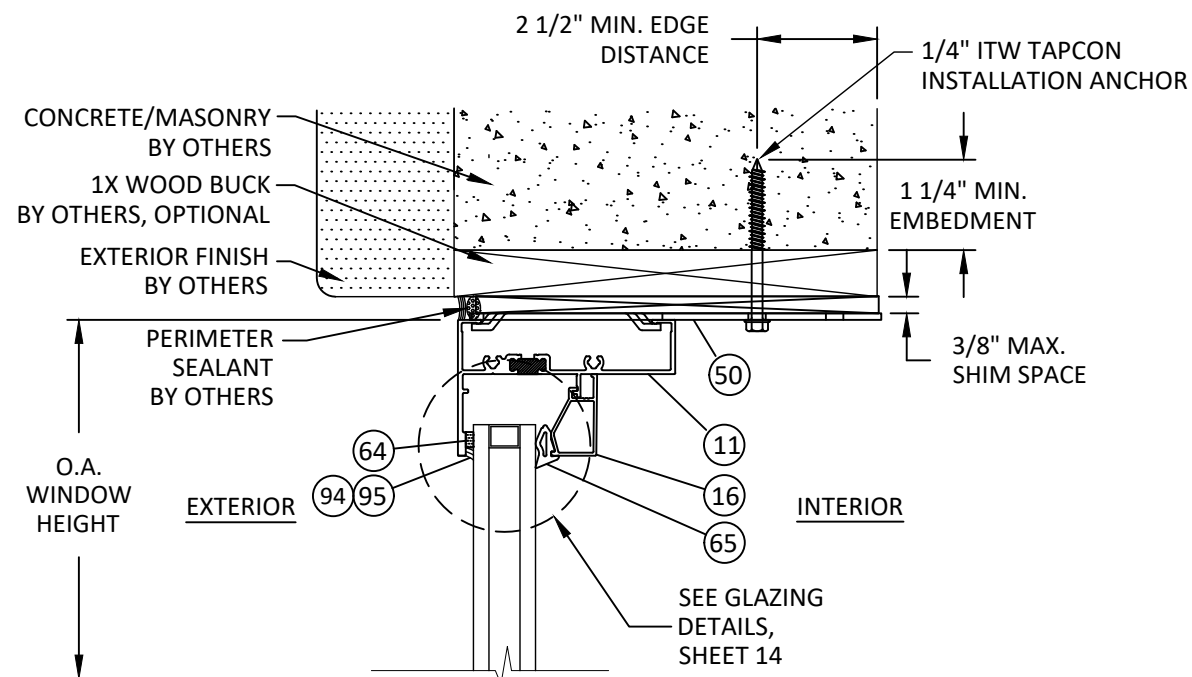
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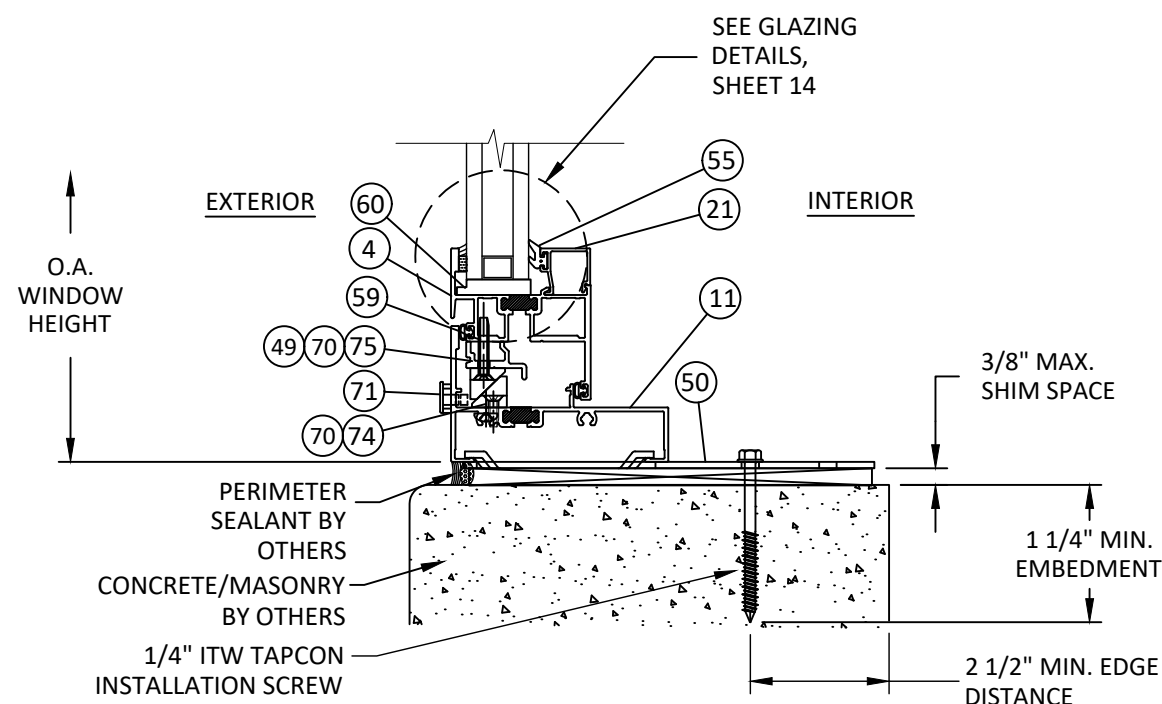


AC 12 VERTICAL SECTION
PROJECT IN HEAD - 2X WOOD FRAME
TWIST ANCHOR - TYP.

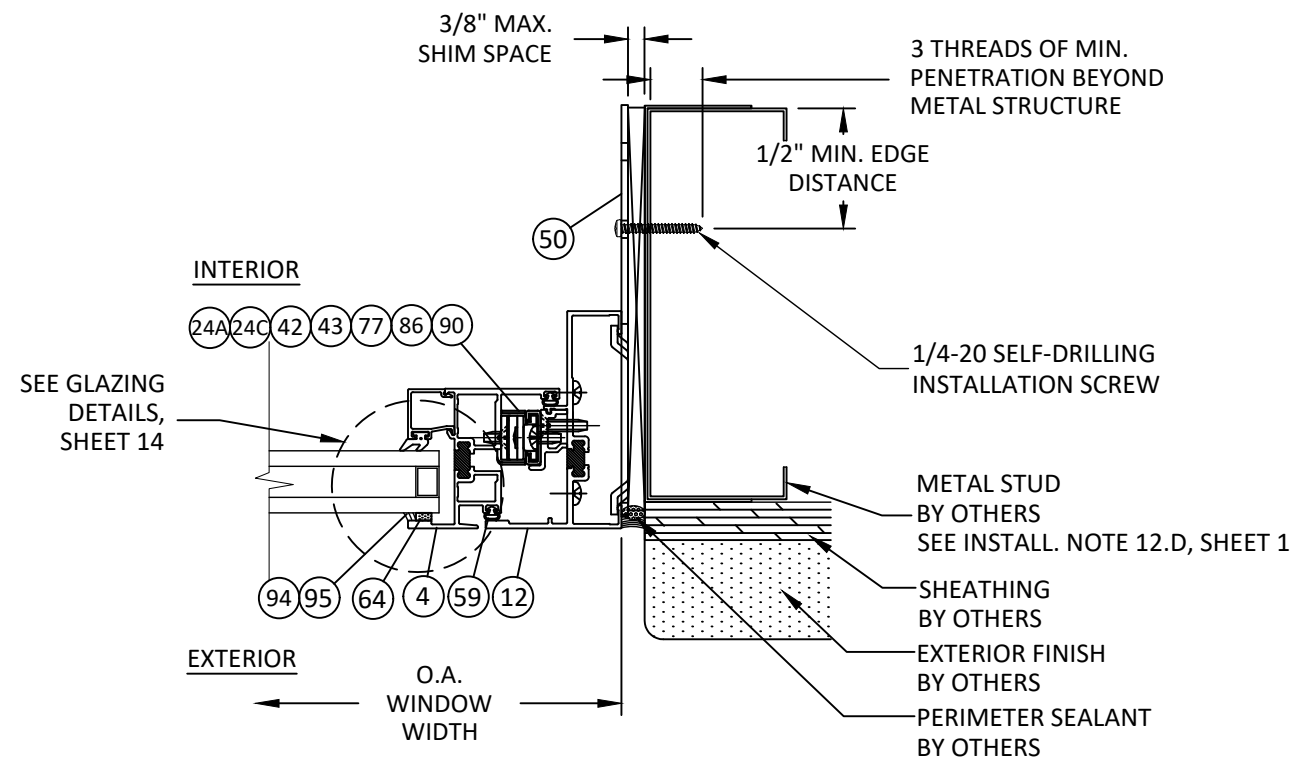
NOTE: INSWING AND OUTSWING
SECTIONS ARE SHOWN HEREIN,
METHODS OF INSTALLATION ARE
SIMILAR AND INTERCHANGEABLE FOR
EACH OPERATION TYPE.



AD 12 VERTICAL SECTION
FIXED HEAD - 1X/CONCRETE/MASONRY
TWIST ANCHOR - TYP.



AB 12 VERTICAL SECTION
PROJECT IN VENT SILL - CONCRETE/MASONRY
TWIST ANCHOR - TYP.



AE 12 HORIZONTAL SECTION
PROJECT IN HINGE JAMB - METAL STUD
TWIST ANCHOR - TYP.



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

TITLE:
YOW 350 TU THERMAL ALUMINUM
PROJECT OUT & PROJECT IN WINDOWS
(NON-HVHZ) (NON-IMPACT)

TWIST ANCHOR INSTALLATION DETAILS

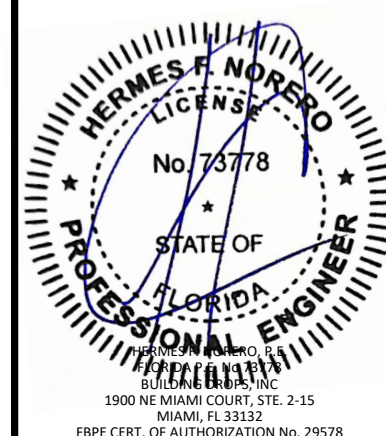
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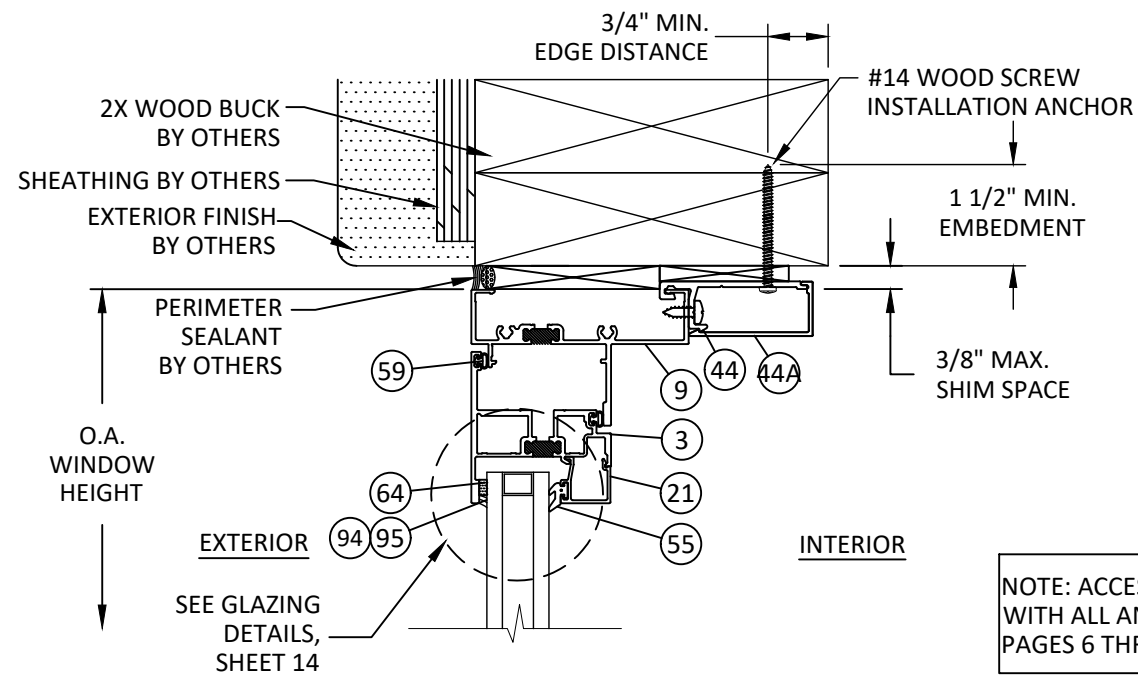
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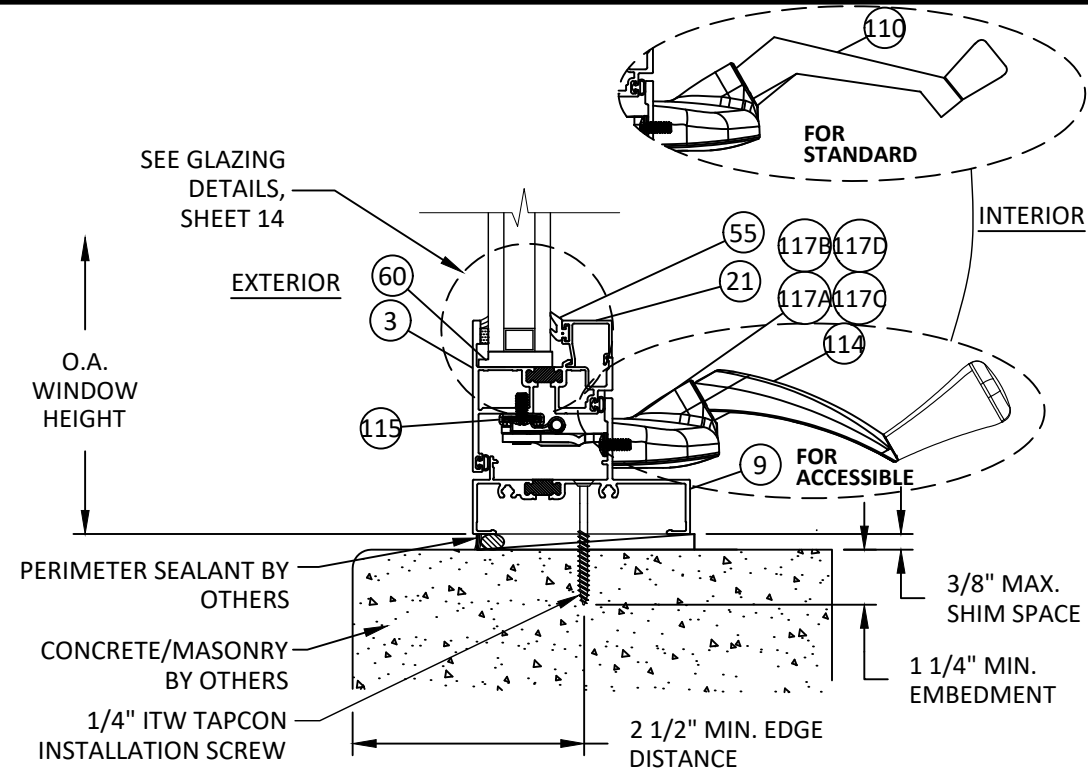
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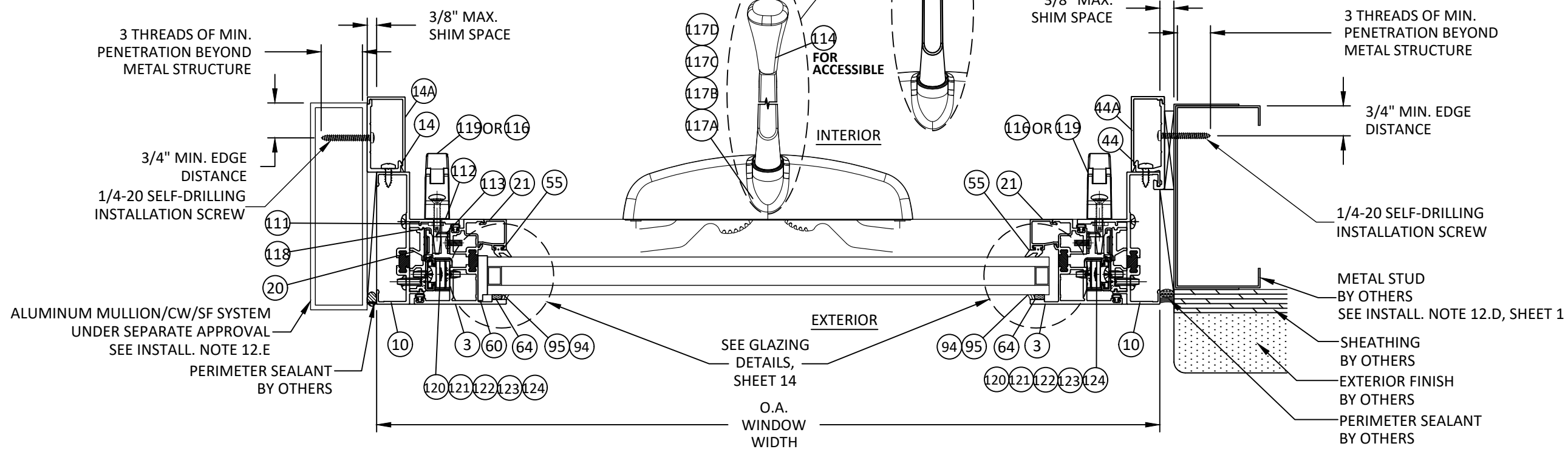
AF 13
VERTICAL SECTION
VENT HEAD - 2X WOOD FRAME
CLIP ANCHOR - TYP. "PROJECT OUT"
ACCESSIBLE HARDWARE

NOTE: ACCESSIBILITY DETAILS MAY BE USED
WITH ALL ANCHOR OPTIONS SHOWN FROM
PAGES 6 THROUGH 12.

NOTE: MAX. WIDTH FOR ACCESSIBLE
WINDOWS IS 44".



AG 13
VERTICAL SECTION
VENT SILL - CONCRETE/MASONRY
THROUGH FRAME - TYP. "PROJECT OUT"
ACCESSIBLE HARDWARE



AH 13
HORIZONTAL SECTION
VENT JAMB - MULL TUBE FRAME
TRIM CLIP/CLIP ANCHOR - TYP. "PROJECT OUT"
ACCESSIBLE HARDWARE



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PROJECT OUT & PROJECT IN WINDOWS
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ACCESSIBLE HARDWARE
INSTALLATION DETAILS

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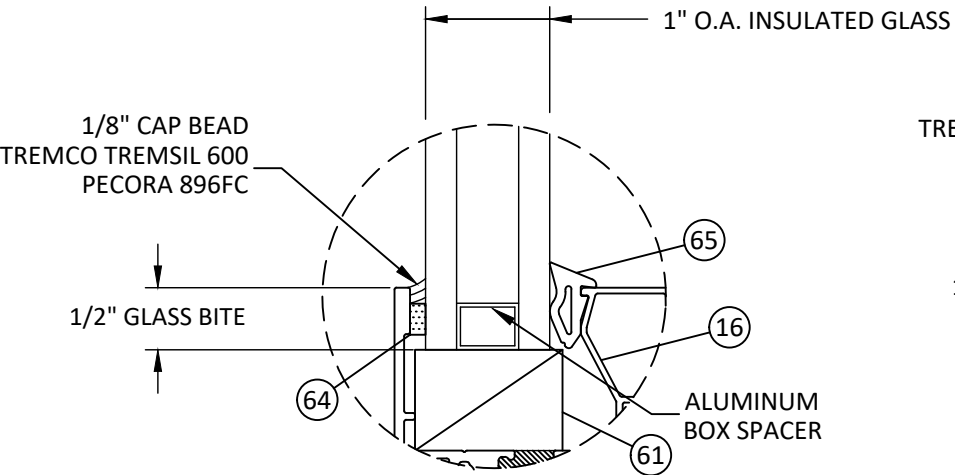
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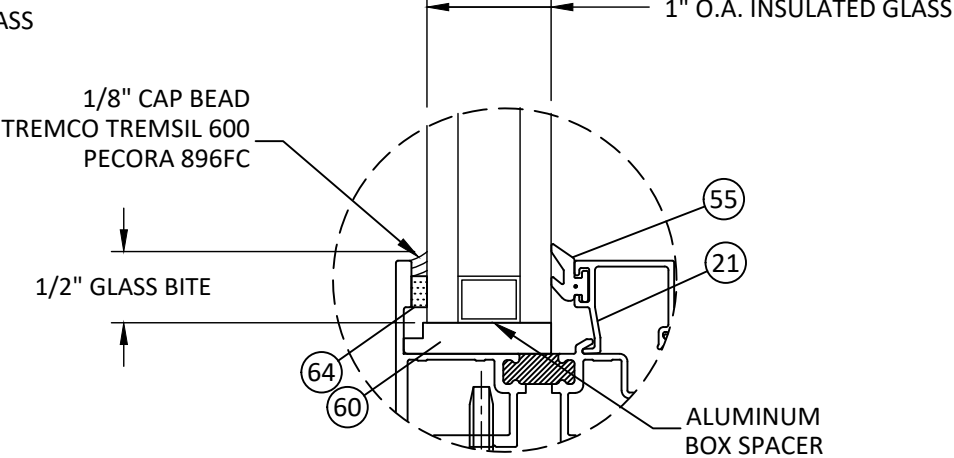
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FIXED GLAZING DETAIL



VENT GLAZING DETAIL

GLAZING NOTES:

- GLASS TYPE 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 5.

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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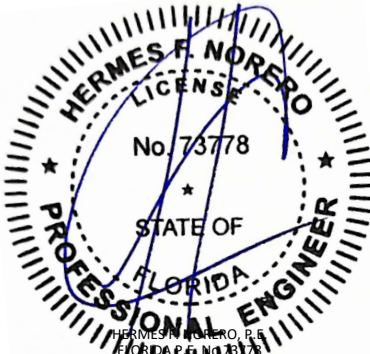
GLAZING DETAILS

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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

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FL16313

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HFN

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DWG. #: **YKK152**

SHEET:
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OF 17

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YOW 350 TU - BILL OF MATERIAL				
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	BE9-4535	VENT (INSWING)	6063-T5	YKK AP
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/INSWING)	6063-T5	YKK AP
12	BE9-5204	FRAME JAMB (FIXED/INSWING)	6063-T5	YKK AP
13	BE9-5220	ZERO MULLION	6063-T5	YKK AP
14	E9-4031	1"X 2" TRIM CLIP	6063-T5	YKK AP
14A	E9-4032	1"X 2" 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	LOCK BAR BASE / HINGE 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	E1-1503	CAM HANDLE (L) - INSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
26	E1-1504	CAM HANDLE(R)- INSWING	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	12" 4 BAR HINGE BASE	6063-T5	YKK AP
38	E1-1781	16" 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	6063-T5	YKK AP
42	E1-1839	16" 4 BAR HINGE BASE(R)	6063-T5	YKK AP
43	E1-1840	16" 4 BAR HINGE BASE(L)	6063-T5	YKK AP
44	E1-1922	ANCHOR CLIP	6063-T5	YKK AP
44A	E9-4035	ANCHOR CLIP COVER	6063-T5	YKK AP
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 16 & 17 ARE USED THROUGHOUT YKK YOW 350 TU WINDOW SERIES OF FIXED, CASEMENT, AND PROJECTED WINDOW PRODUCTS, NOT ALL COMPONENTS LISTED ARE USED IN PROJECTED WINDOW.

YOW 350 TU - BILL OF MATERIAL				
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	E2-0619	GASKET - FOR INSWING CAM HANDLE	NEOPRENE	BRONZECRAFT OR EQUAL
59	E2-0625	AT GASKET	SANTOPRENE	TREMCO OR EQUAL
60	E2-0626PC	SETTING BLOCK x 4" LONG	EPDM PC	TREMCO OR EQUAL
61	E2-0646PC	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				
69				
70	E3-1103	SNUBBER	NYLON 6	INTERNATIONAL PRODUCTS OR EQUAL
71	E3-1132	WEEP HOLE COVER	NYLON	INTERNATIONAL PRODUCTS OR EQUAL
72				
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	WN1001-SS	#10 x 1/16" FLAT WASHER	300 STAINLESS STEEL	FOR KEEPER (INSWING)
92		1/4" X 2 3/4" HXHD TAPCON	COATED CARBON STEEL	FRAME ANCHOR
93	PC-0806SS	#8 X 3/4" TYPE AB	STAINLESS STEEL	
94	PECORA 896FC	SILICONE		TREMCO OR EQUAL
95	TREMSIL 600	SILICONE		TREMCO OR EQUAL
96	BE9-4509	MULLION	6063-T5	
97	E2-0359	PUSH IN SPACER		
98	E1-2004	END DAM		
99	E2-0769	JAMB BLOCK		AT BOTTOM OF JAMB WITH SILL FLASHING
100	E9-4559	SILL TRIM BASE	6063-T5	
101	E9-4586	3" SILL TRIM	6063-T5	
102	E9-4587	4" SILL TRIM	6063-T5	
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 1/2" PH SMS SS AB	300 STAINLESS STEEL	FOR MULL CLIP
109	E1-1537	MULL CLIP	6063-T5	YKK
110	E1-9932	HANDLE CRANK (STANDARD)	ZAMACK	AMESBURY / TRUTH
111	E1-1980	BACKER PLATE	STAINLESS STEEL	CALDWELL
112	E1-1979	HANDLE GASKET	RUBBER/BUTYL	CALDWELL
113	4K-18584	KEEPER	PLATED STEEL	YKK AP
114	E1-1983	LARGE HANDLE CRANK (ACCESSIBLE)	ZAMACK	AMESBURY / TRUTH
115	E1-1982	TRACK	STAINLESS STEEL	AMESBURY / TRUTH
116	E1-1994	EXTENDED MPL HANDLE	ZAMACK	CALDWELL
117A	E1-1991	5.5" DUAL ARM OPERATOR	ZAMACK/STEEL	CALDWELL
117B	E1-2012	7" DUAL ARM OPERATOR	ZAMACK/STEEL	CALDWELL
117C	E1-2013	9" DUAL ARM OPERATOR	ZAMACK/STEEL	CALDWELL
117D	E1-1992	11" DUAL ARM OPERATOR	ZAMACK/STEEL	CALDWELL
118	E1-2001	LOCK BAR	STAINLESS/ALUMINUM	CALDWELL
119	E1-1966	STANDARD MPL HANDLE	ZAMACK	CALDWELL
120	E1-1995	10" 4 BAR HINGE (FOR PO)	STAINLESS STEEL/BRASS	CALDWELL
121	E1-1996	12" 4 BAR HINGE (FOR PO)	STAINLESS STEEL/BRASS	CALDWELL
122	E1-1997	16" 4 BAR HINGE (FOR PO)	STAINLESS STEEL/BRASS	CALDWELL
123	E1-1998	20" 4 BAR HINGE (FOR PO)	STAINLESS STEEL/BRASS	CALDWELL
124	E1-1999	24" 4 BAR HINGE (FOR PO)	STAINLESS STEEL/BRASS	CALDWELL



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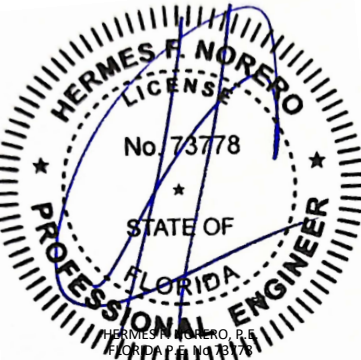
BILL OF MATERIALS

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NTS

DWG. #:

YKK152

SHEET:

15

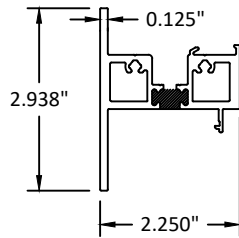
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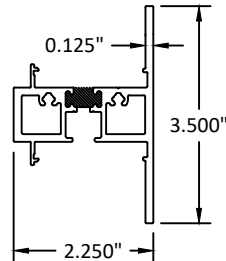
OF 17

7/31/2026 8:21 AM

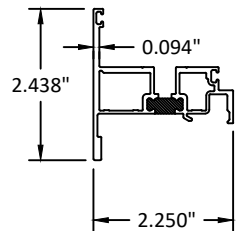
1 MULLION
6063-T5



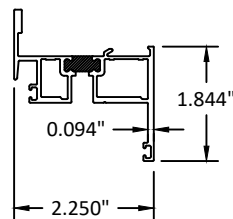
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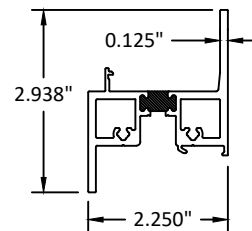
3 VENT (OUTSWING)
6063-T5



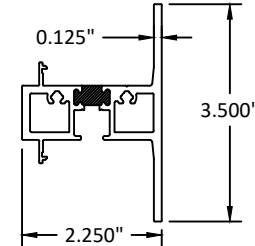
4 VENT (INSWING)
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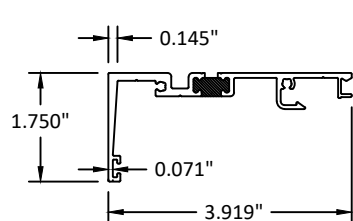
5 VENT / FIX MULLION
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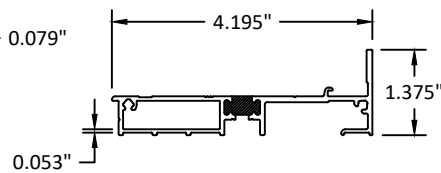
6 VENT / VENT MULLION
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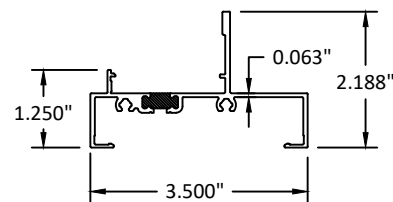
7 RECEPTOR
6063-T5



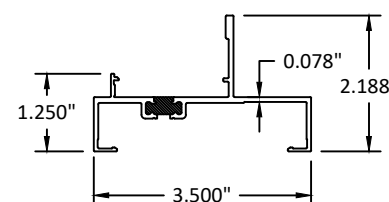
8 3 1/2" WEEPING SILL FLASHING
6063-T5



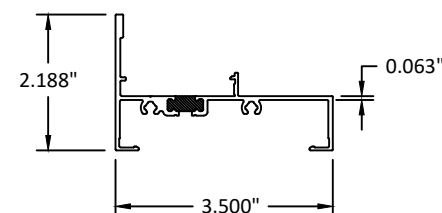
9 FRAME HEAD/SILL (OUTSWING)
6063-T5



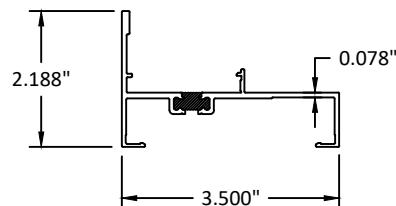
10 FRAME JAMB (OUTSWING)
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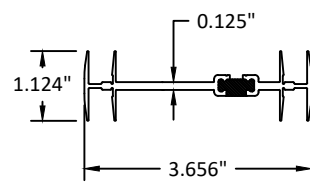
11 FRAME HEAD/SILL (FIXED/INSWING)
6063-T5



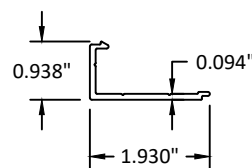
12 FRAME JAMB (FIXED/INSWING)
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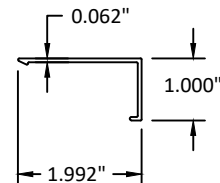
13 ZERO MULLION
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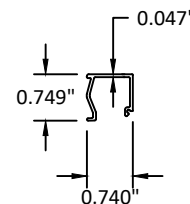
14 1" X 2" TRIM CLIP
6063-T5



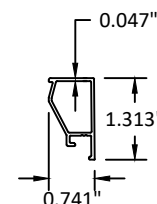
14A TRIM CLIP COVER
6063-T5



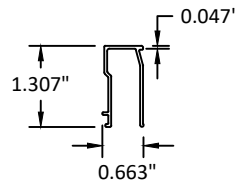
15 GLASS STOP
6063-T5



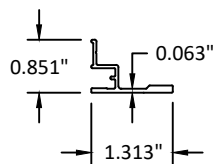
16 GLASS STOP
6063-T5



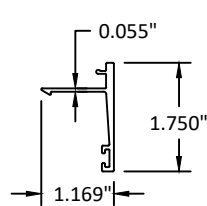
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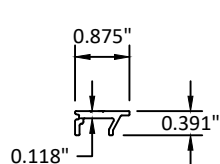
18 ADAPTOR
6063-T5



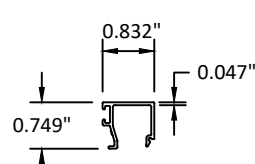
19 RECEPTOR COVER
6063-T5



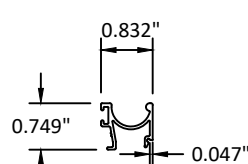
20 LOCK BASE
6063-T5



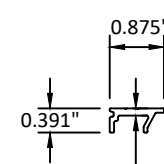
21 GLASS STOP
6063-T5



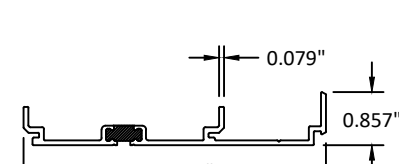
22 GLASS STOP
6063-T5



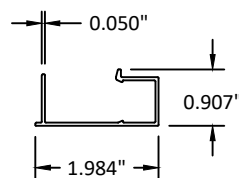
35 ARM BASE
6063-T5



41 STRAP ANCHOR
6063-T5



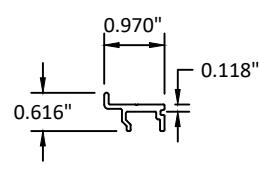
41A STRAP ANCHOR COVER
6063-T5



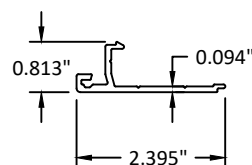
42 HINGE & SNUBBER BASE
6063-T5

43

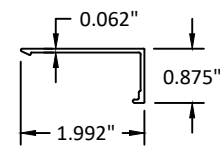
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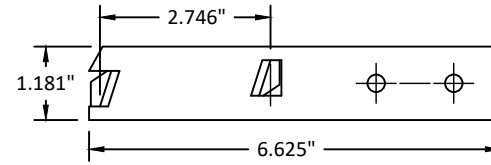
44 ANCHOR CLIP
6063-T5



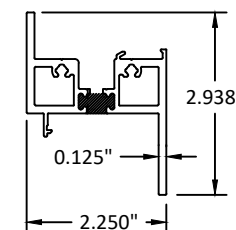
44A ANCHOR CLIP COVER
6063-T5



50 TWIST ANCHOR
GALVINIZED STEEL



96 MULLION
6063-T5



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

TITLE:
YOW 350 TU THERMAL ALUMINUM
PROJECT OUT & PROJECT IN WINDOWS
(NON-HVHZ) (NON-IMPACT)

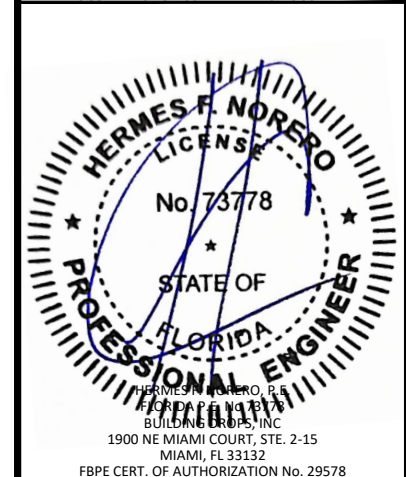
COMPONENTS

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



REMARKS	BY	DATE
7TH FBC CODE CHANGE	MS	04.16.20
8TH FBC CODE CHANGE	SH	06.02.23
MISC. UPDATE	SH	02.26.24
9TH FBC CODE CHANGE	SH	07.31.26

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.

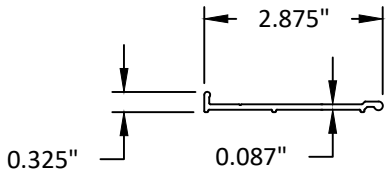


FL #:	FL16313
DATE:	9.02.15
DWG. BY:	LS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK152
SHEET:	16
REV.	E
OF 17	

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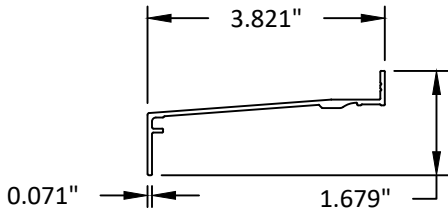
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SILL TRIM BASE
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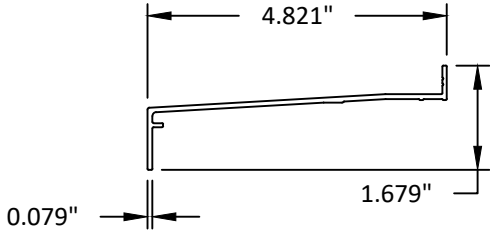
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3" SILL TRIM
6063-T5



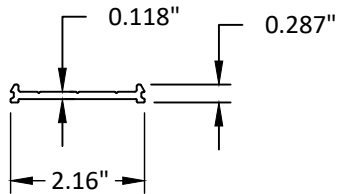
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4" SILL TRIM
6063-T5



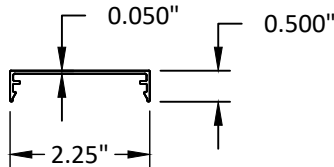
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PRESSURE PLATE
6063-T5



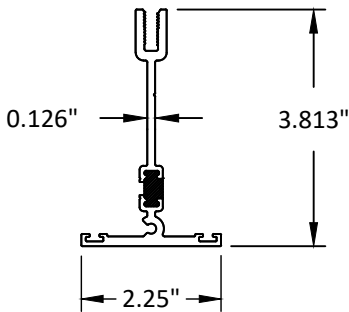
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SNAP COVER
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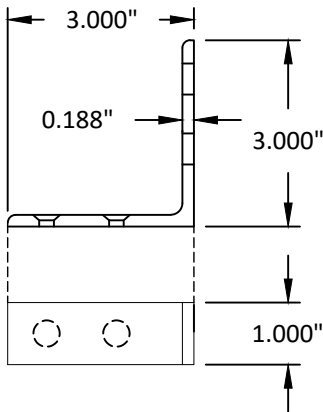
106

STACK MULLION
6063-T5



109

MULL CLIP
6063-T5



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