

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 - STRENGTH CONFORMANCE TO ASTM C-90, MINIMUM 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 225 H NON-THERMAL ALUMINUM

FIXED WINDOW

(HVHZ) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

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

ASTM E283-04(12)

ASTM E330-14

ASTM E331-00(09)

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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
7. ALL STRUCTURAL MATERIALS & DISSIMILIAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 9 FOR GLAZING DETAILS.

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9	GLAZING DETAILS
10	BILL OF MATERIALS
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FIXED WINDOW DESIGN PRESSURE TABLE		
GLAZING TYPES	MAX. DP	IMPACT RATING
A	+80/-90PSF	LMI
B	+65/-65 PSF	LMI
C	+65/-65 PSF	LMI
D	+100/-100 PSF	SMI
E	+100/-100 PSF	SMI

- NOTE:
1. LMI - LARGE MISSILE IMPACT RATED
2. SMI - SMALL MISSILE IMPACT RATED
3. SEE SHEET 9 FOR GLAZING DETAILS
4. SEE SHEET 2 FOR DESIGN LOAD RATINGS BASED ON VARIED MAX. SIZES AND GLASS TYPE.

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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 225 H NON-THERMAL
ALUMINUM FIXED WINDOW
(HVHZ) (IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

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BD

BUILDING DROPS

REMARKS	BY	DATE
WEEP HOLE REMOVAL	JA	05.15.18
SILL FLASHING UPDATED	HR	05.28.19
7TH FBC CODE CHANGE	MS	04.23.20
8TH FBC CODE CHANGE	SH	06.02.23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.05.15 14:42:00 -0400

HERMES F. NORERO

LICENSE

No. 73778

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

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

FL #:

FL16314

DATE:

05.15.18

DWG. BY:

AR

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

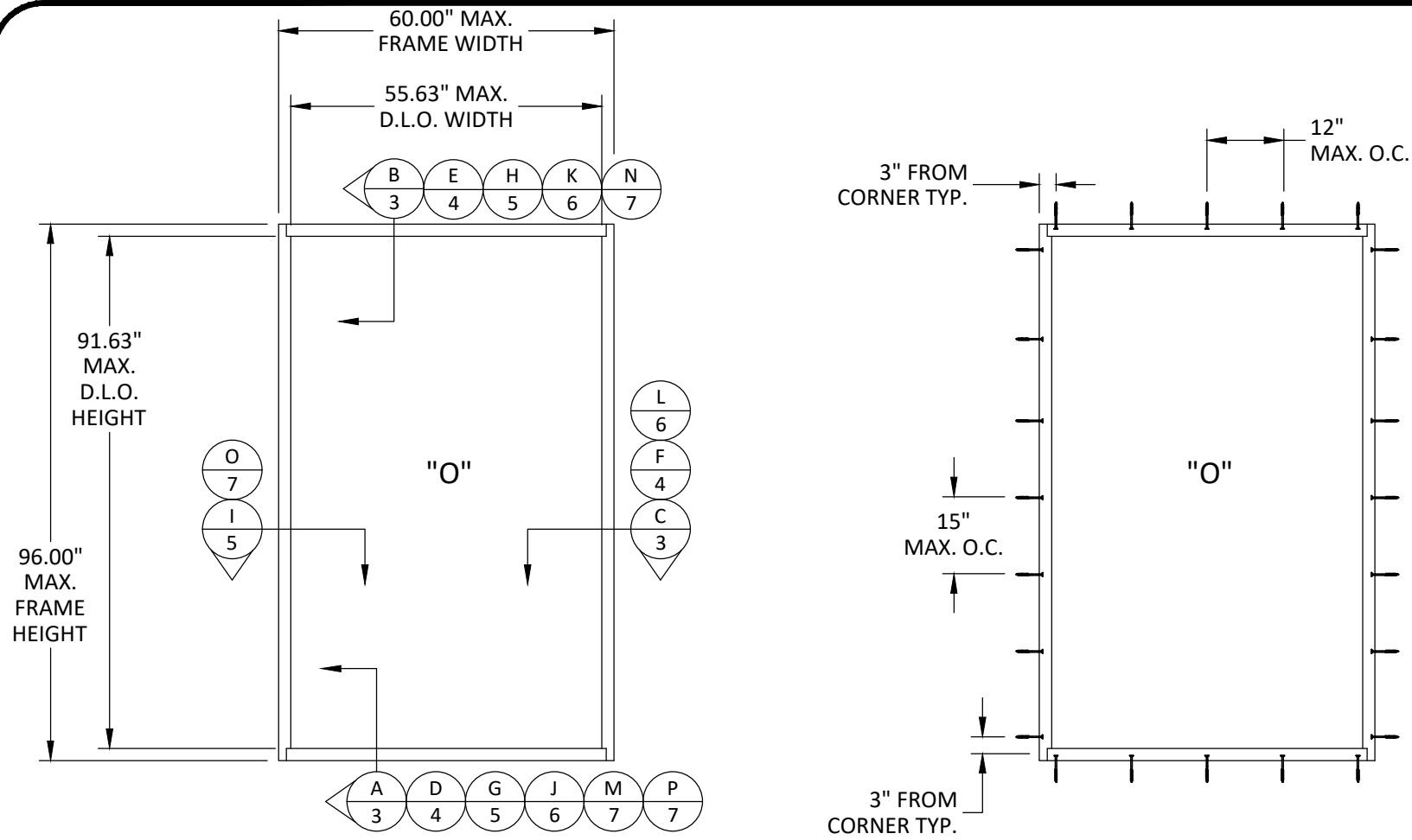
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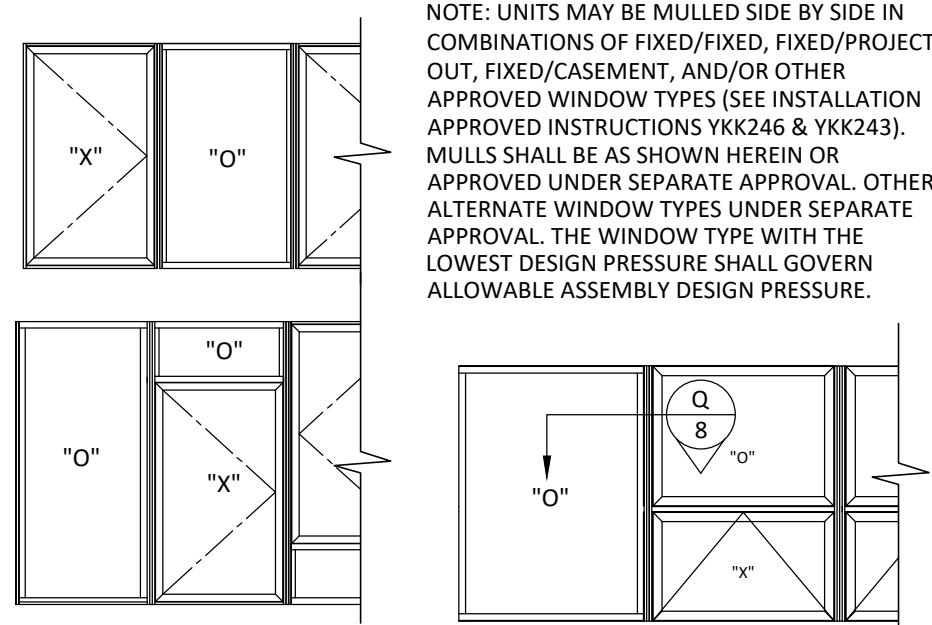


ELEVATION
SINGLE TESTED UNIT

NOTE: ELEVATION MAX. SIZE
FLEXIBLE BASED ON OVERALL
SQ. FT.

ANCHOR LAYOUT
SINGLE UNITS

QUALIFIED CONFIGURATIONS



DESIGN PRESSURE TABLE NOTES:
1) DESIGN PRESSURES HEREIN HAVE BEEN DETERMINED
IN ACCORDANCE WITH ASTM E1300 & CHAPTER 17 OF
THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
2) REFER TO SHEET 9 FOR GLAZING DETAILS & MISSILE
IMPACT RATING.

GLASS LOAD CAPACITY (PSF)							
NOMINAL DIMS.		GLASS TYPE A		GLASS TYPES B & C		GLASS TYPES D & E	
DLO WIDTH 'a' (in.)	DLO HEIGHT 'b' (in.)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
24	72	80.0	90.0	65.0	65.0	100.0	100.0
30		80.0	90.0	65.0	65.0	100.0	100.0
36		80.0	90.0	65.0	65.0	100.0	100.0
39		80.0	90.0	65.0	65.0	100.0	100.0
42		80.0	90.0	65.0	65.0	100.0	100.0
48		80.0	90.0	65.0	65.0	100.0	100.0
54	78	77.8	90.0	57.8	57.8	100.0	100.0
60		70.0	90.0	52.0	52.0	100.0	100.0
24		80.0	90.0	65.0	65.0	100.0	100.0
30		80.0	90.0	65.0	65.0	100.0	100.0
36		80.0	90.0	65.0	65.0	100.0	100.0
39		80.0	90.0	65.0	65.0	100.0	100.0
42	84	80.0	90.0	65.0	65.0	100.0	100.0
48		80.0	90.0	65.0	65.0	100.0	100.0
54		77.8	90.0	57.8	57.8	100.0	100.0
60		70.0	90.0	-	-	100.0	100.0
24		80.0	90.0	65.0	65.0	100.0	100.0
30		80.0	90.0	65.0	65.0	100.0	100.0
36	90	80.0	90.0	65.0	65.0	100.0	100.0
39		80.0	90.0	65.0	65.0	100.0	100.0
42		80.0	90.0	65.0	65.0	100.0	100.0
48		80.0	90.0	65.0	65.0	100.0	100.0
54		76.4	90.0	-	-	100.0	100.0
60		70.0	90.0	-	-	100.0	100.0
24	96	80.0	90.0	65.0	65.0	100.0	100.0
30		80.0	90.0	65.0	65.0	100.0	100.0
36		80.0	90.0	65.0	65.0	100.0	100.0
39		80.0	90.0	65.0	65.0	100.0	100.0
42		80.0	90.0	65.0	65.0	100.0	100.0
48		80.0	90.0	65.0	65.0	100.0	100.0
54	102	74.4	90.0	-	-	100.0	100.0
60		70.0	90.0	-	-	100.0	100.0
24		80.0	90.0	65.0	65.0	100.0	100.0
30		80.0	90.0	65.0	65.0	100.0	100.0
36		80.0	90.0	65.0	65.0	100.0	100.0
39		80.0	90.0	65.0	65.0	100.0	100.0
42	108	80.0	90.0	65.0	65.0	100.0	100.0
48		78.7	90.0	-	-	100.0	100.0
54		72.7	90.0	-	-	100.0	100.0
24		80.0	90.0	65.0	65.0	100.0	100.0
30		80.0	90.0	65.0	65.0	100.0	100.0
36		80.0	90.0	65.0	65.0	100.0	100.0
39	114	80.0	90.0	65.0	65.0	100.0	100.0
42		80.0	90.0	65.0	65.0	100.0	100.0
48		76.2	90.0	-	-	100.0	100.0
24		80.0	90.0	65.0	65.0	100.0	100.0
30		80.0	90.0	65.0	65.0	100.0	100.0
36		80.0	90.0	65.0	65.0	100.0	100.0
39	120	80.0	90.0	65.0	65.0	100.0	100.0
42		80.0	90.0	65.0	65.0	100.0	100.0
48		75.2	90.0	-	-	100.0	100.0
24		80.0	90.0	65.0	65.0	100.0	100.0
30		80.0	90.0	65.0	65.0	100.0	100.0
36		80.0	90.0	65.0	65.0	100.0	100.0

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1229 HWY 441 BYPASS
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TITLE: YOW 225 H NON-THERMAL ALUMINUM FIXED WINDOW (HVHZ) (IMPACT)

ELEVATIONS

PREPARED BY: BUILDING DROPS, INC.
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REMARKS	BY	DATE
WEEP HOLE REMOVAL	JA	05.15.18
SILL FLASHING UPDATED	HR	05.28.19
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FBPE CERT. OF AUTHORIZATION No. 29578

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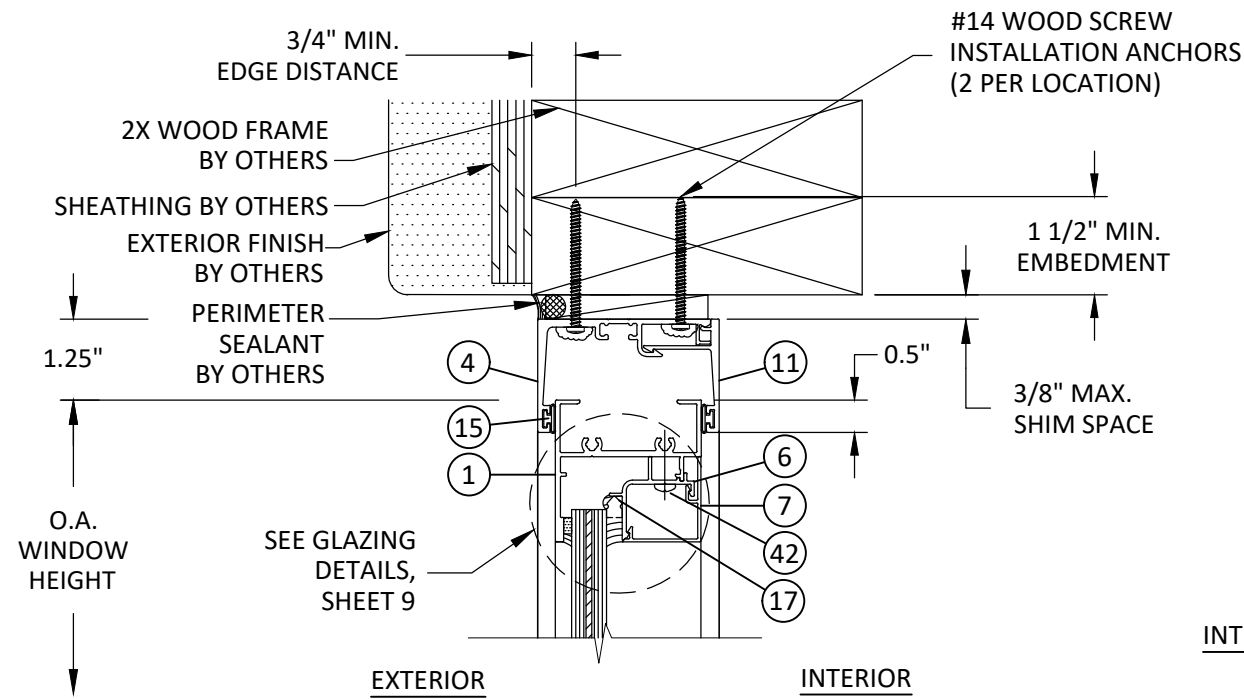
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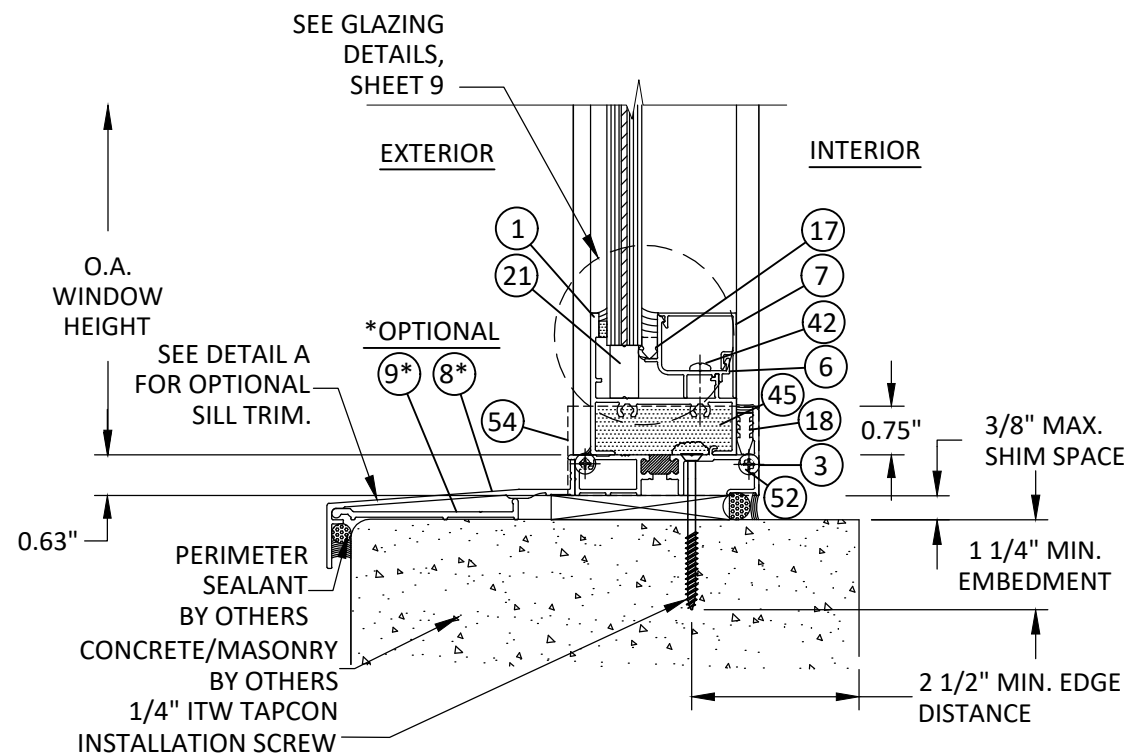
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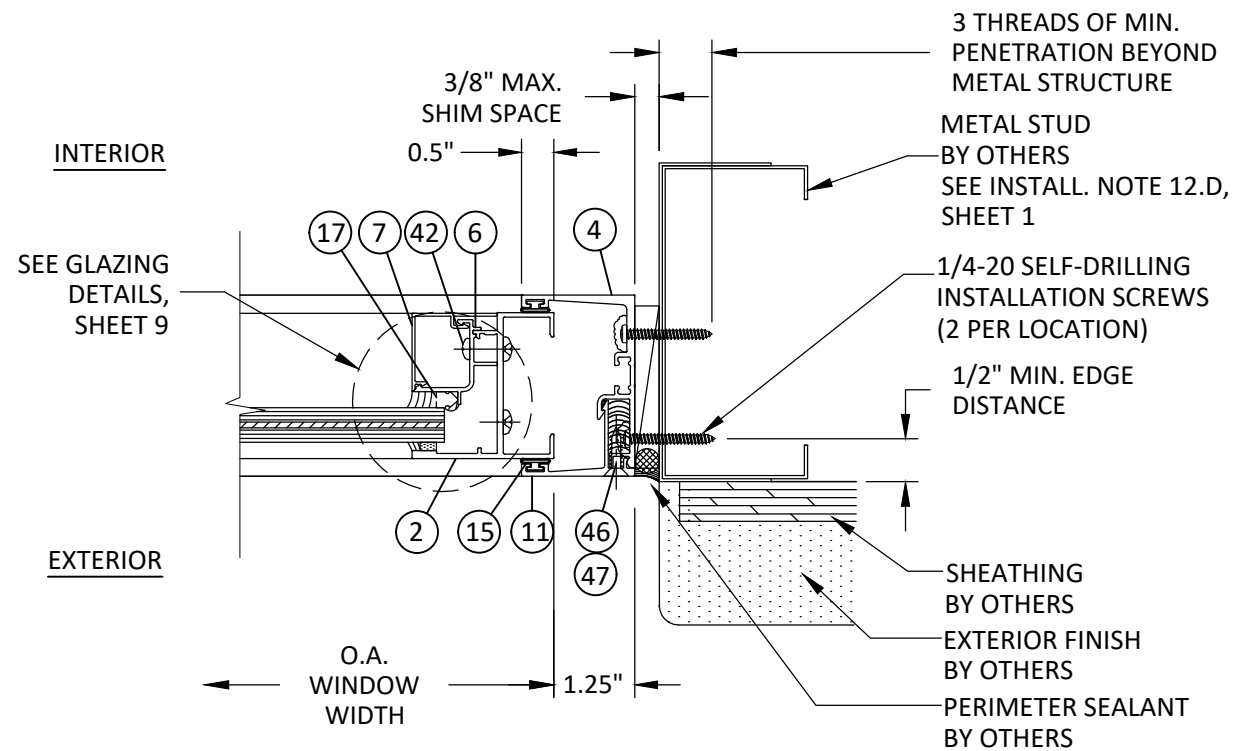
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B
3 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD FRAME
INT. SET RECEPTOR - TYP.



A
3 **VERTICAL SECTION**
FIXED SILL - CONCRETE/MASONRY
RECEPTOR - TYP.



C
3 **HORIZONTAL SECTION**
FIXED JAMB - METAL STUD FRAME
EXT. SET RECEPTOR - TYP.



NOTE: UNITS MAY BE INTERIOR OR
EXTERIOR SET INSTALLATIONS.
INTERIOR SET INSTALLATION DO NOT
REQUIRE ITEMS #46 & 47.



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RECEPTOR INSTALLATION DETAILS

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REMARKS	BY	DATE
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SILL FLASHING UPDATED	HR	05.28.19
7TH FBC CODE CHANGE	MS	04.23.20
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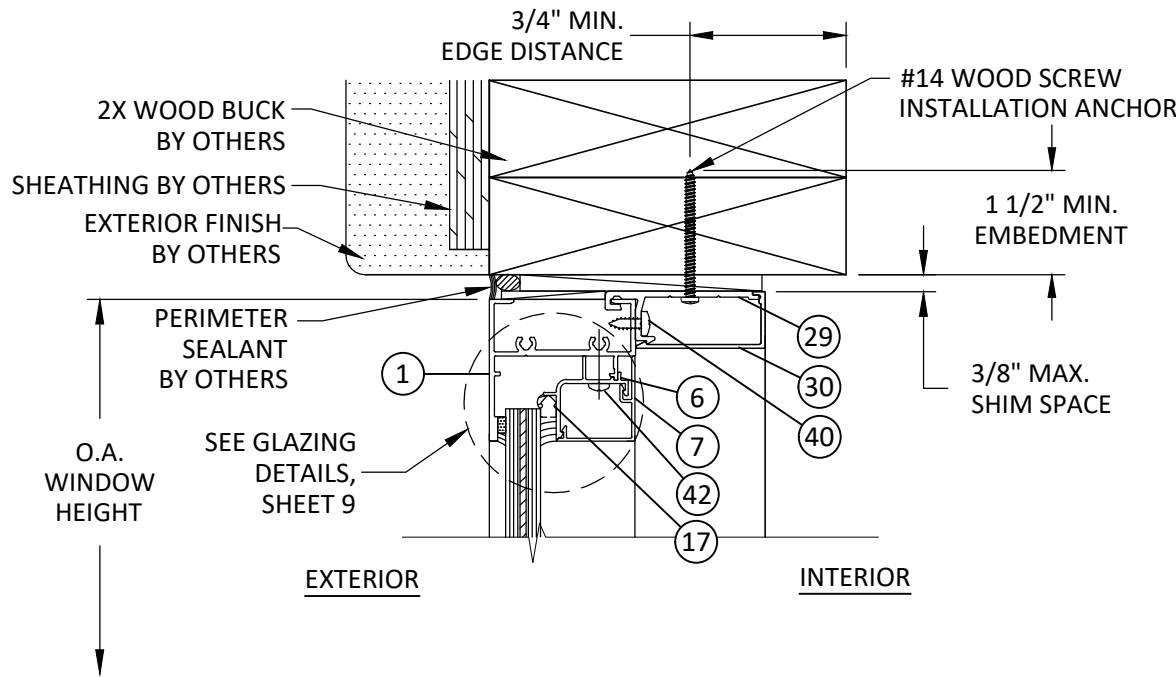
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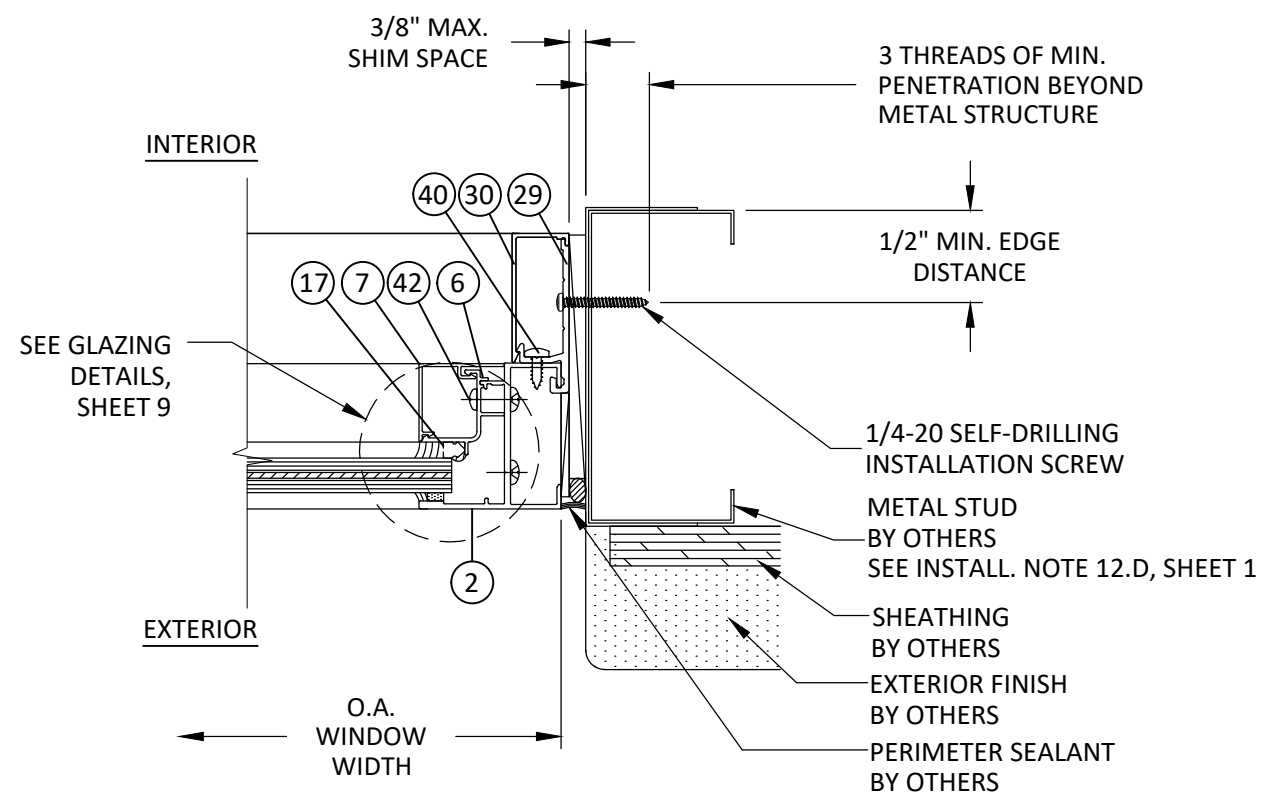
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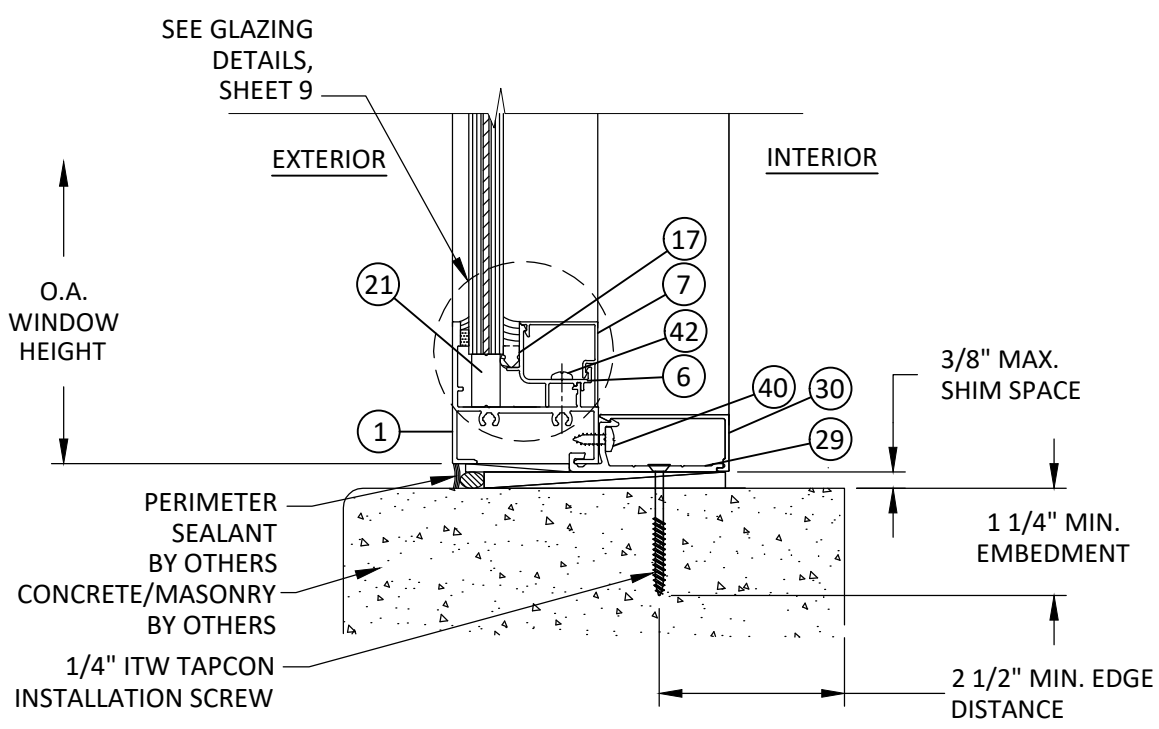
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E
4 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD FRAME
CLIP ANCHOR - TYP.



F
4 **HORIZONTAL SECTION**
FIXED JAMB - METAL STUD FRAME
CLIP ANCHOR - TYP.



D
4 **VERTICAL SECTION**
FIXED SILL - CONCRETE/MASONRY
CLIP ANCHOR - TYP.



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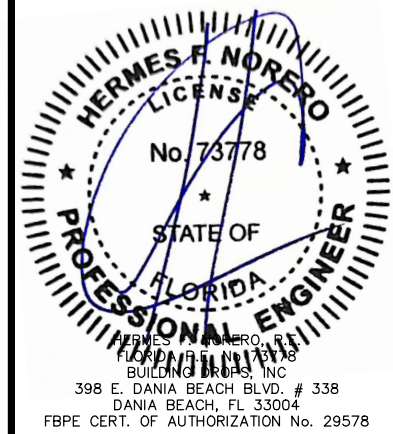
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CLIP INSTALLATION DETAILS

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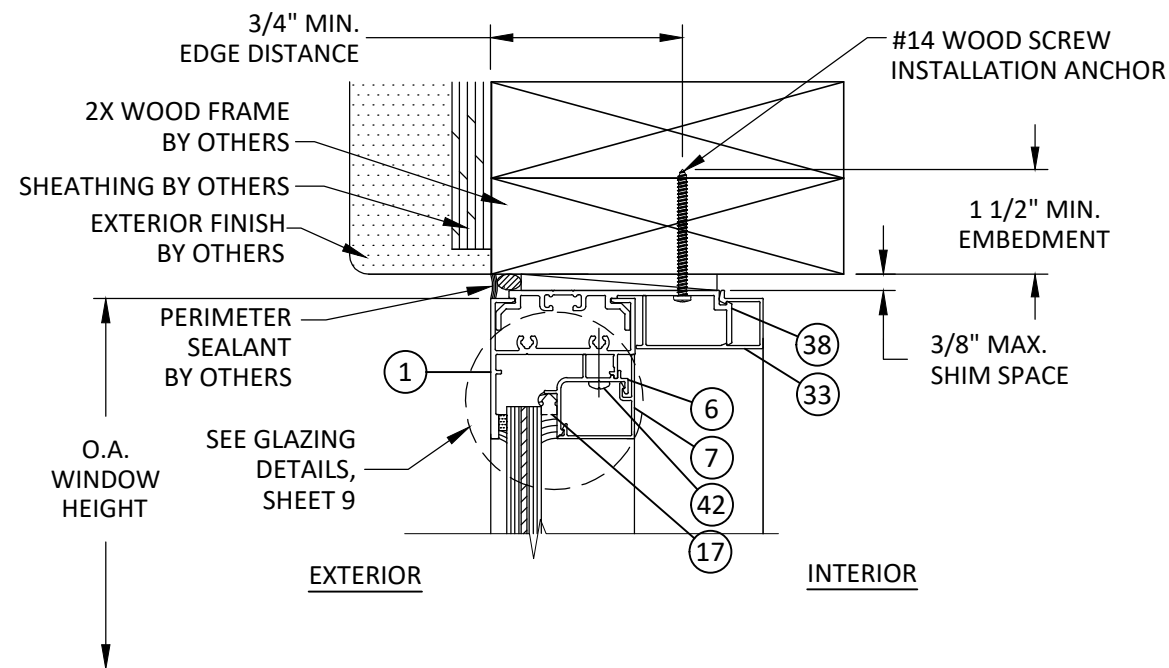
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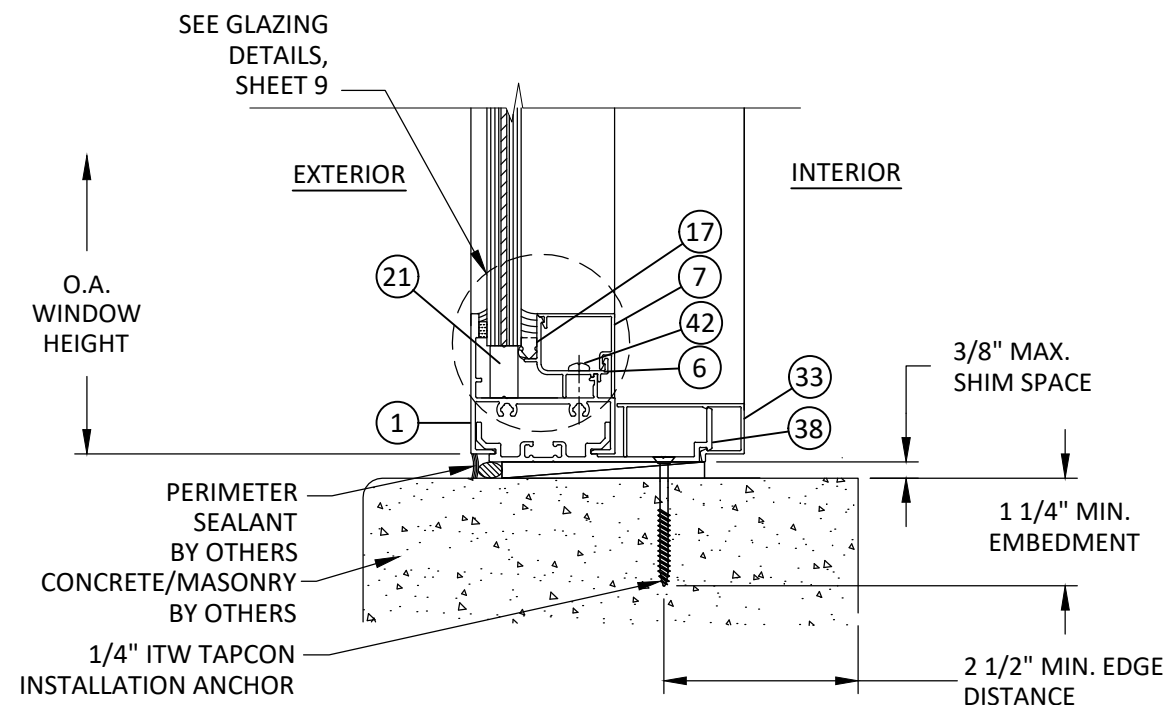


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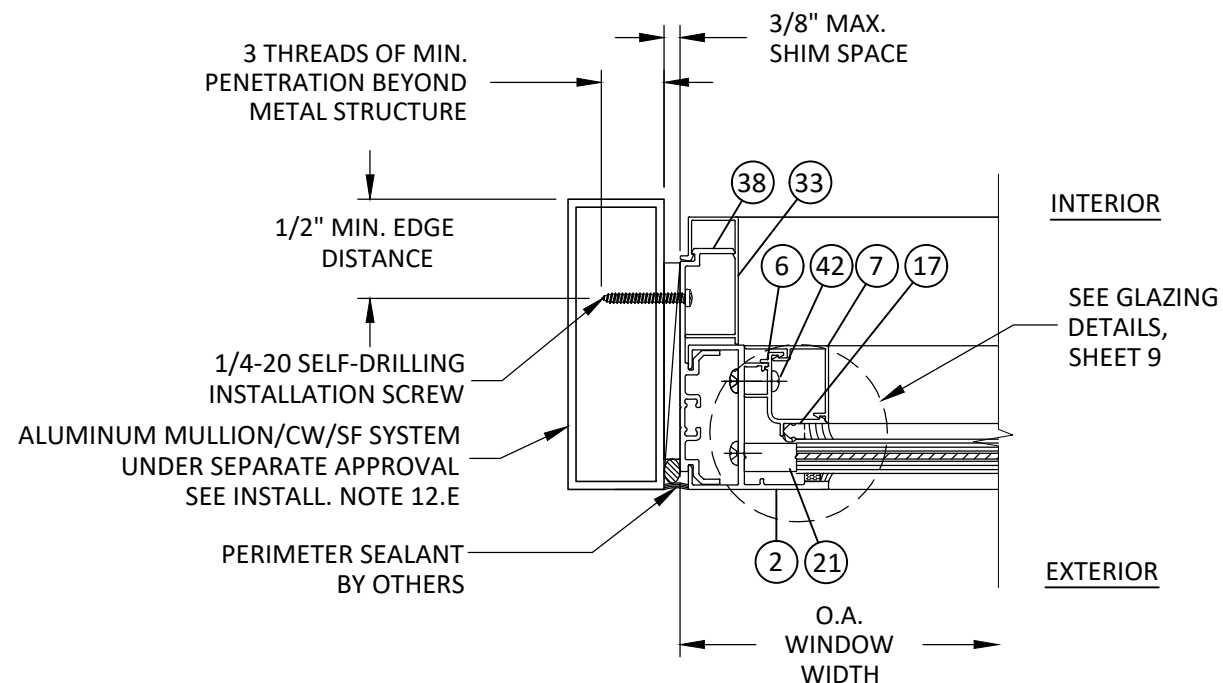
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H 5
VERTICAL SECTION
FIXED HEAD - 2X WOOD FRAME
STRAP ANCHOR - TYP.



G 5
VERTICAL SECTION
FIXED - CONCRETE/MASONRY
STRAP ANCHOR - TYP.



I 5
HORIZONTAL SECTION
FIXED JAMB - MULL TUBE FRAME
STRAP ANCHOR - TYP.

NOTE: UNITS MAY BE FASTENED TO
APPROVED MULLION UTILIZING
ANY OF THE INSTALLATION
OPTIONS DETAILED HEREIN.



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STRAP INSTALLATION DETAILS

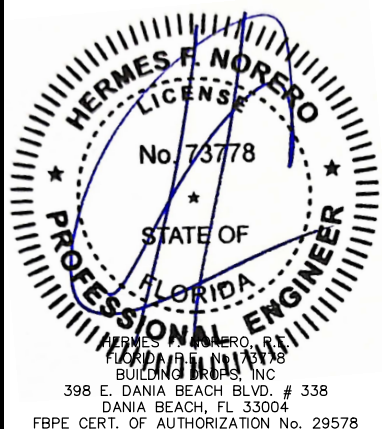
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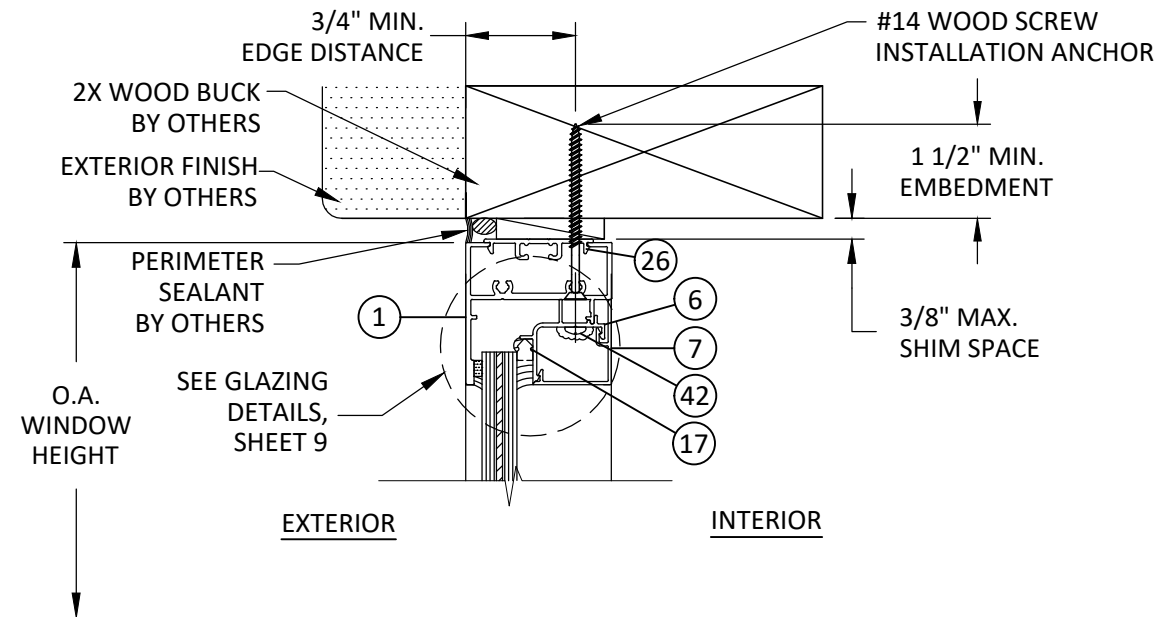
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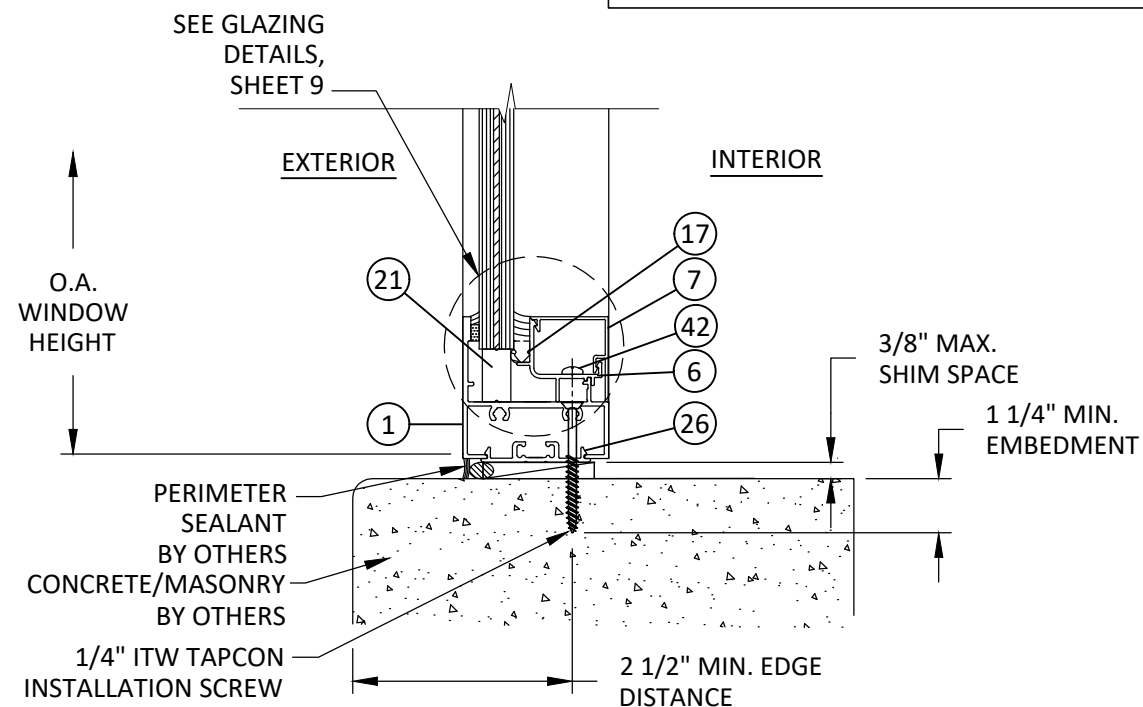
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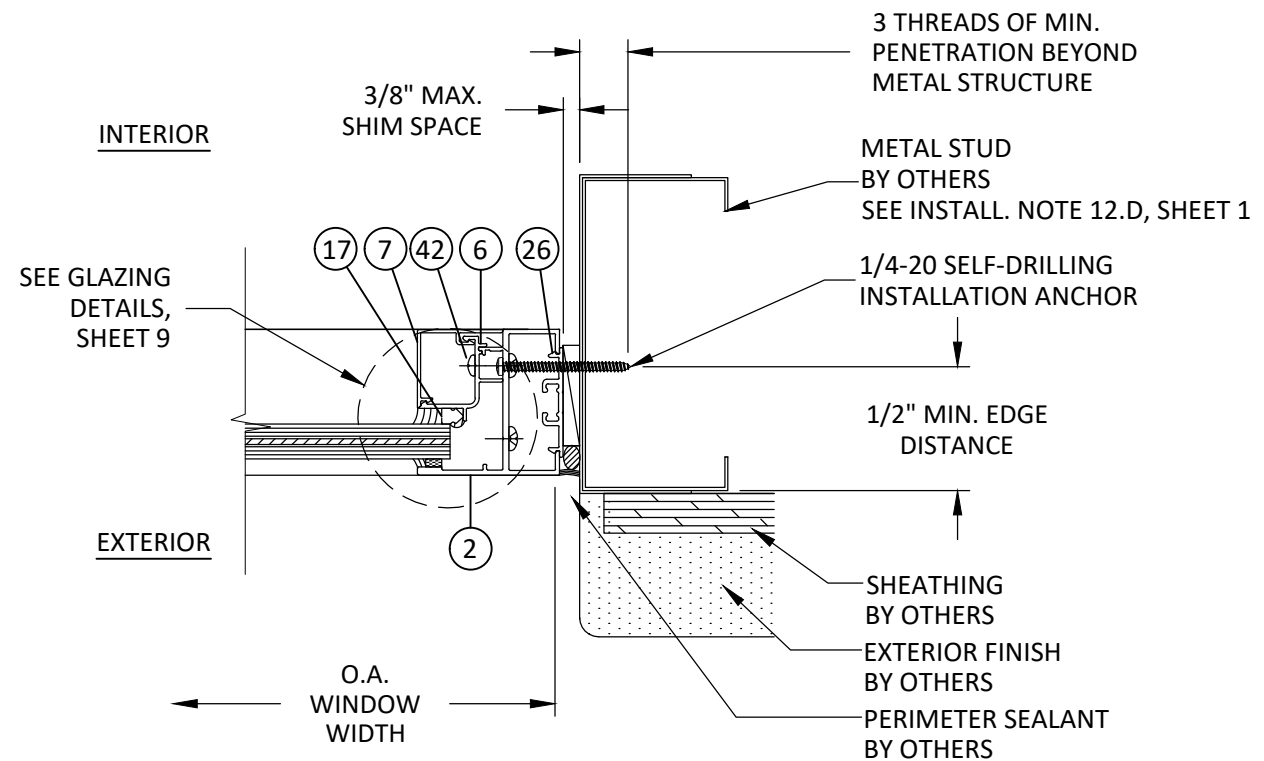


K
6 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD BUCK
THROUGH FRAME - TYP.

NOTE: THROUGH FRAME INSTALLATION FOR
USE WITH FIELD GLAZED INSTALLATIONS
ONLY.



J
6 **VERTICAL SECTION**
FIXED SILL - CONCRETE/MASONRY
THROUGH FRAME - TYP.



L
6 **HORIZONTAL SECTION**
FIXED JAMB - METAL STUD FRAME
THROUGH FRAME - TYP.



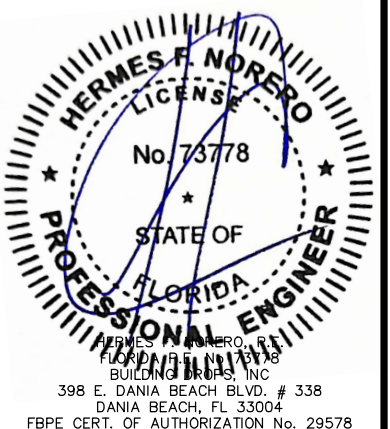
YKK AP America Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YOW 225 H NON-THERMAL
ALUMINUM FIXED WINDOW
(HVBZ) (IMPACT)
THROUGH FRAME
INSTALLATION DETAILS

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

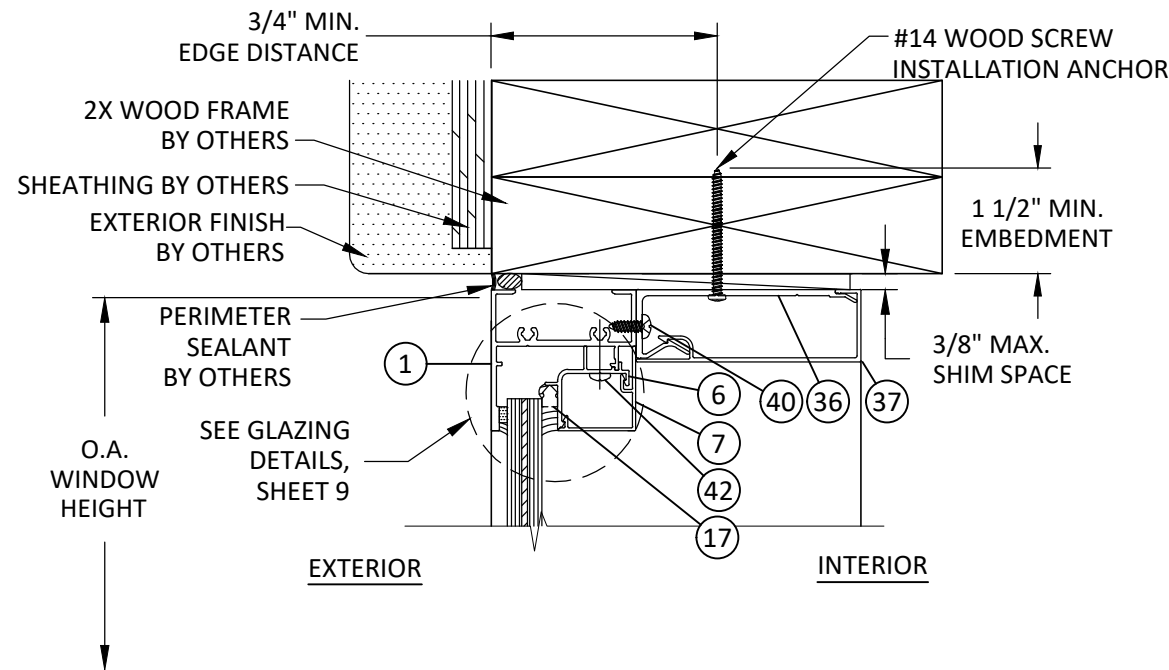
REMARKS	BY	DATE
WEEP HOLE REMOVAL	JA	05.15.18
SILL FLASHING UPDATED	HR	05.28.19
7TH FBC CODE CHANGE	MS	04.23.20
8TH FBC CODE CHANGE	SH	06.02.23

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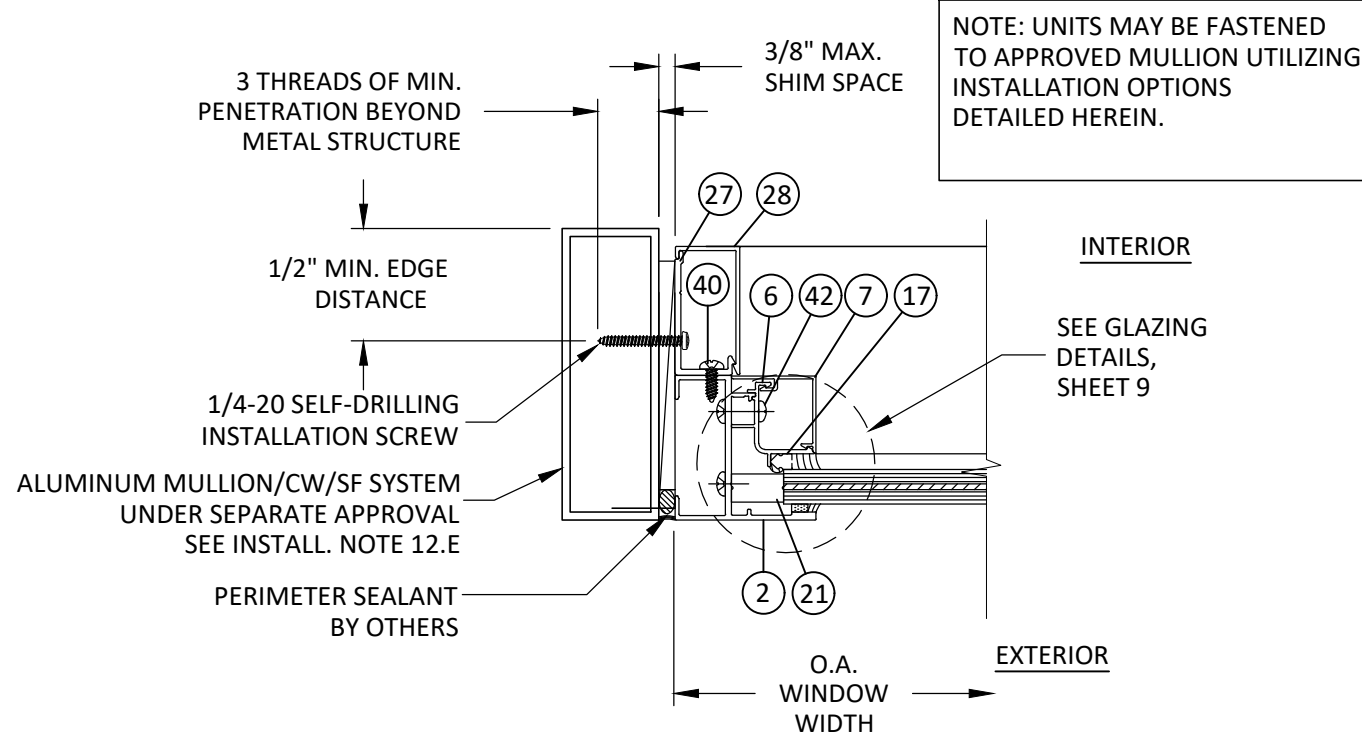


FL #:	FL16314
DATE:	05.15.18
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SCALE:	NTS
DWG. #:	YKK111
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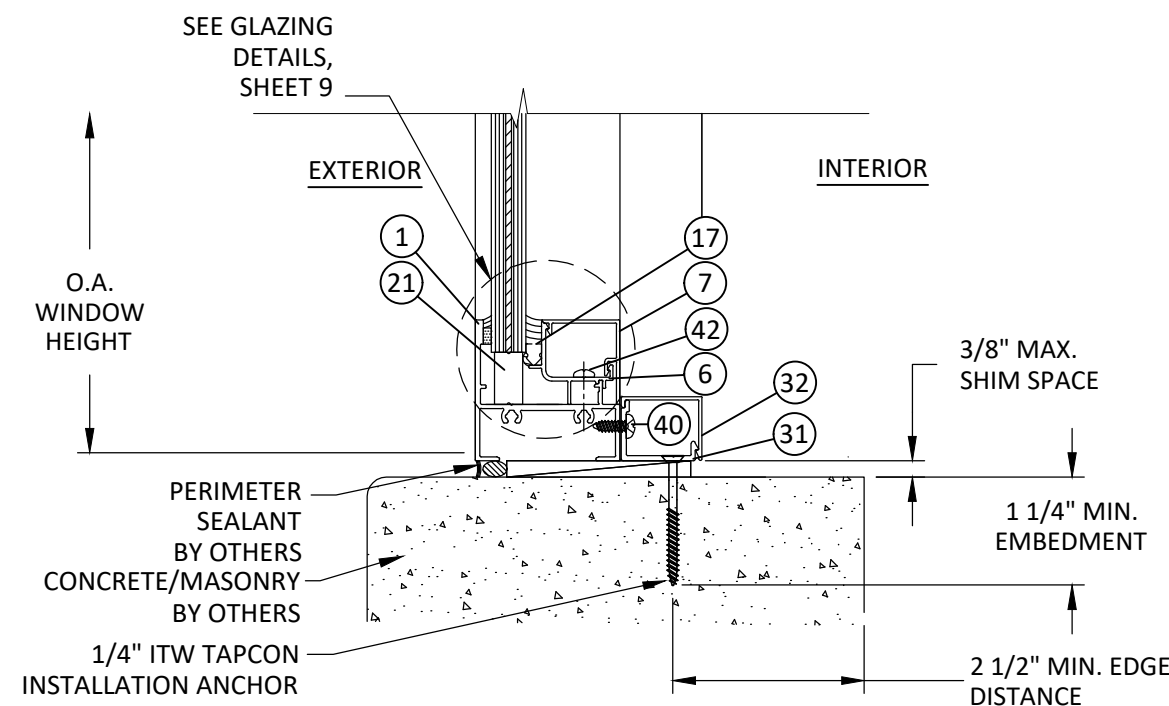
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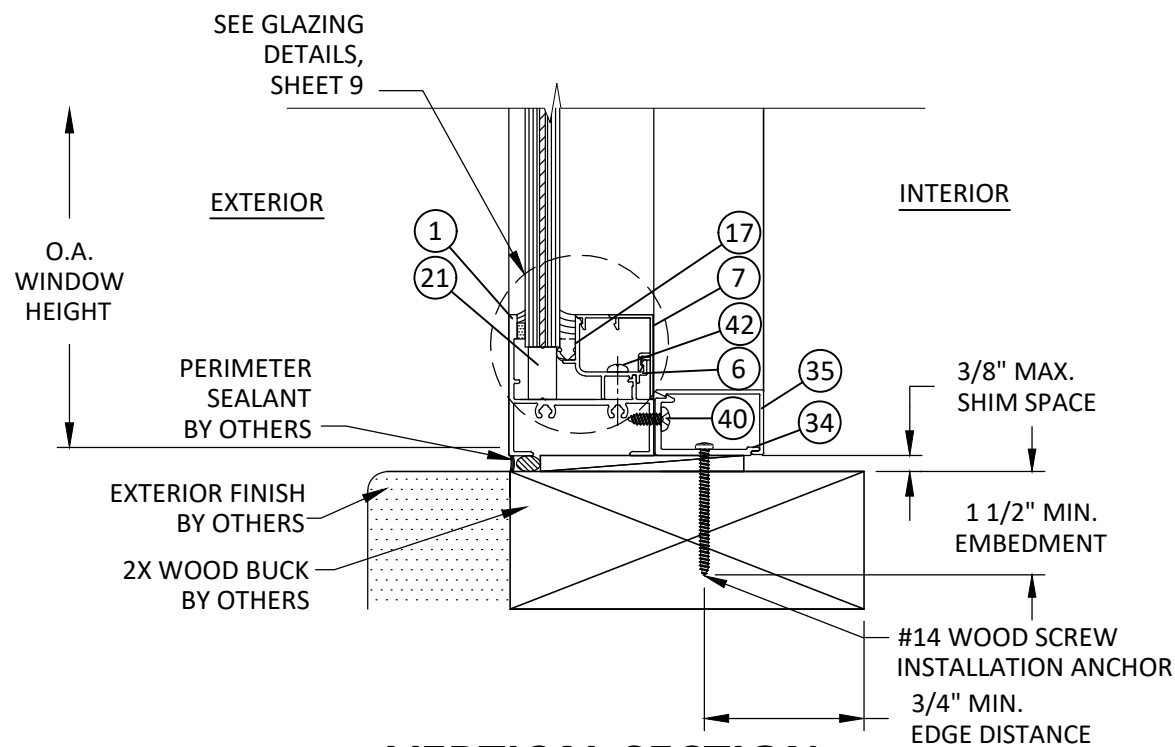
N
7 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD FRAME
TRIM CLIP ANCHOR - TYP.



O
7 **HORIZONTAL SECTION**
FIXED JAMB - MULL TUBE FRAME
TRIM CLIP ANCHOR - TYP.



M
7 **VERTICAL SECTION**
FIXED SILL - CONCRETE/MASONRY
TRIM CLIP ANCHOR - TYP.



P
7 **VERTICAL SECTION**
FIXED SILL - 2X WOOD BUCK
TRIM CLIP ANCHOR - TYP.



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(HVHZ) (IMPACT)

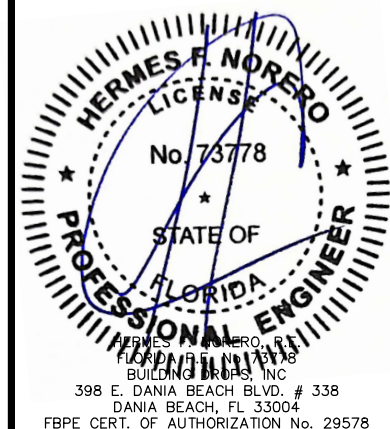
TRIM & CLIP ANCHOR INSTALLATION

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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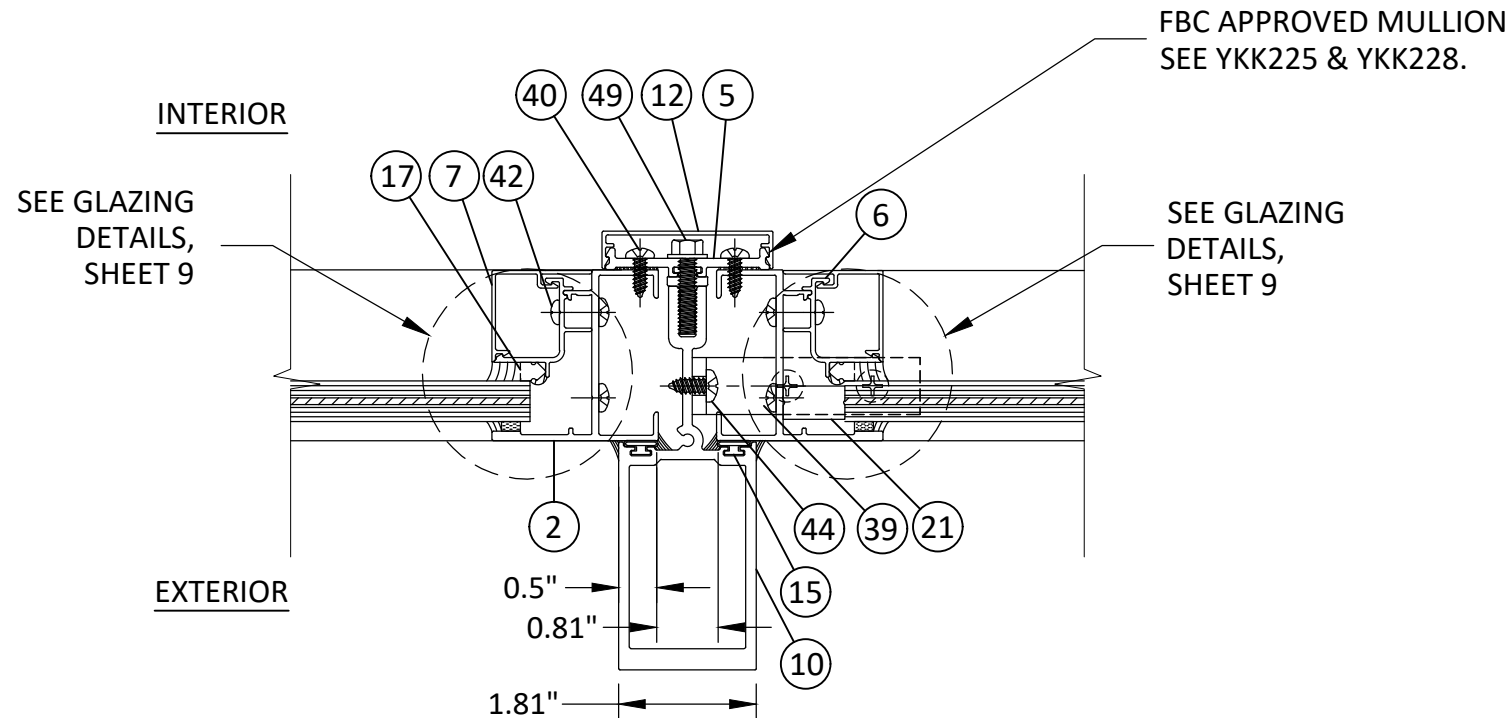
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Q
8 **HORIZONTAL SECTION**
STACK MULLION - TYP.
FIXED - FIXED



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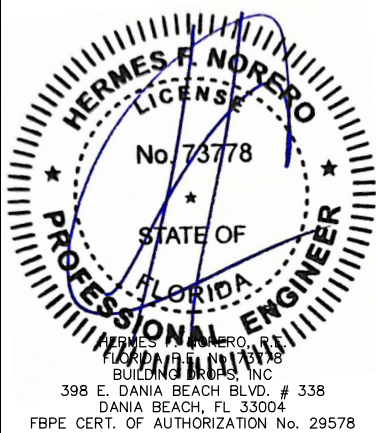
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ALUMINUM FIXED WINDOW
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STACK MULL DETAILS

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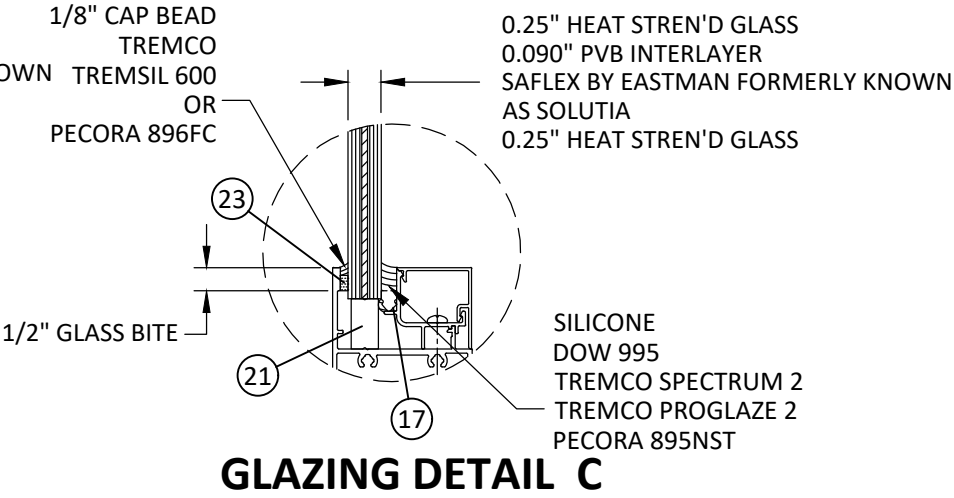
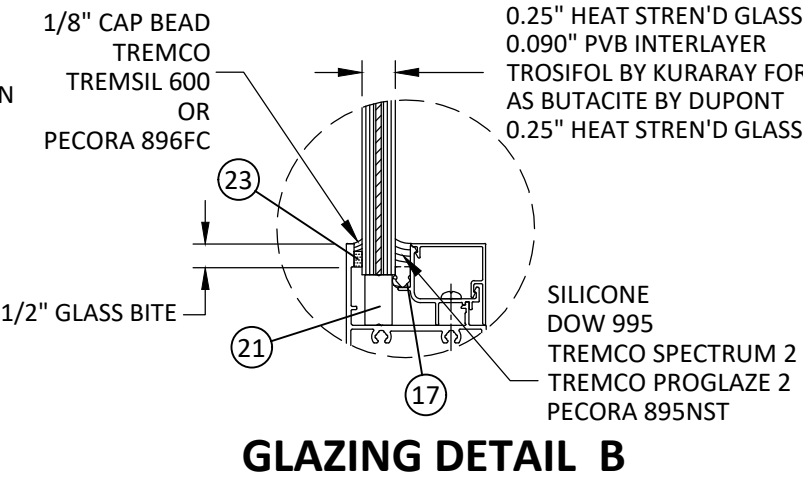
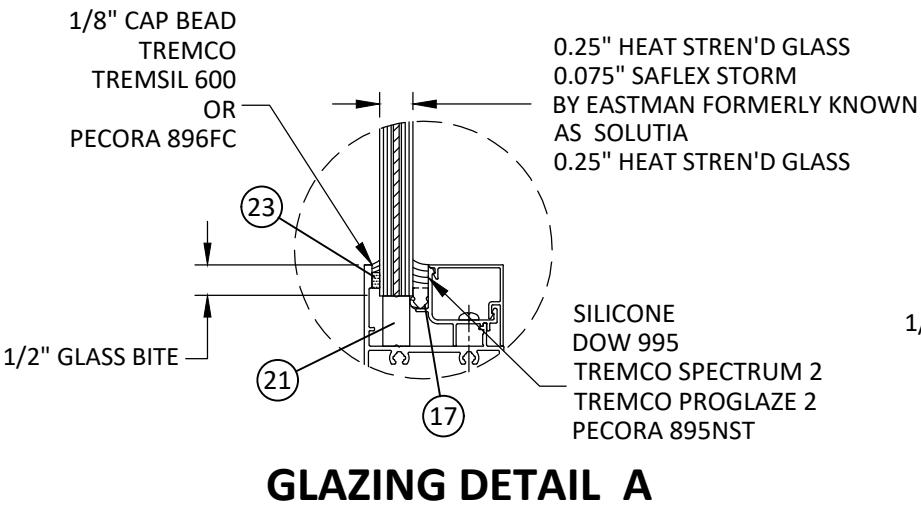
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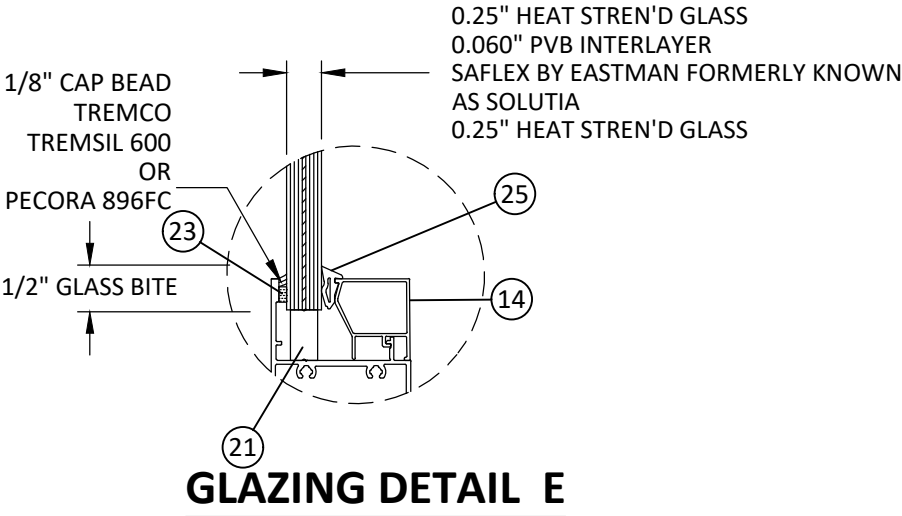
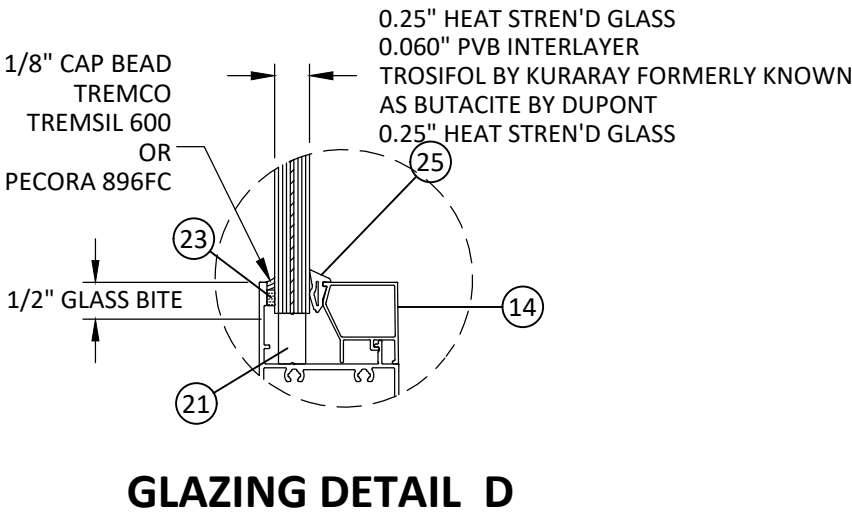
SHEET: **8**

OF 11

LARGE MISSILE IMPACT RATED GLAZING OPTIONS
SEE DESIGN PRESSURE TABLES, SHEET 2



SMALL MISSILE IMPACT RATED GLAZING OPTIONS,
SEE DESIGN PRESSURE TABLES, SHEET 2



GLAZING NOTES:

- GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, 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.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLES ON SHEET 1 AND GLASS CHARTS ON SHEET 2.



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YOW 225 H BILL OF MATERIALS					
ITEM NUMBER	PART NUMBER	DESCRIPTION	MATERIAL	MANUFACTURER/SUPPLIER	COMMENTS
1	E9-4536	FRAME HEAD AND SILL	6063-T5	YKK-AP	STANDARD FRAME
2	E9-4537	FRAME JAMB	6063-T5	YKK-AP	
3	BE9-4583	2-1/4" WEEPING SILL FLASHING	6063-T5	YKK-AP	
4	E9-4577	RECEPTOR	6063-T5	YKK-AP	
5	E9-4231	PRESSURE BAR	6063-T5	YKK-AP	
6	E9-4544	FIXED GLASS STOP	6063-T5	YKK-AP	
7	E9-4545	FIXED SNAP COVER	6063-T5	YKK-AP	
8	E9-4586	3" SILL TRIM	6063-T5	YKK-AP	
9	E9-4559	SILL TRIM BASE	6063-T6	YKK-AP	
10	E9-4562	STACKING MULLION	6063-T5	YKK-AP	
11	E9-4578	RECEPTOR STOP	6063-T5	YKK-AP	
12	E9-5111	COVER	6063-T5	YKK-AP	
13	E9-4539	MEETING STILE INTEGRAL MULL	6063-T5	YKK-AP	
14	E9-4549	SMI GLASS STOP	6063-T5	YKK-AP	
15	E2-0051	AT GASKET	SANTOPRENE	TREMCO	
16	E2-0133PC	SIDE BLOCK	EPDM	TREMCO	PEROXIDE CURED
17	E2-0359	PUSH - IN - SPACER	SCR900	TREMCO	
18	E2-0367	PUSH - IN - SPACER	SCR900	TREMCO	
19	E2-0625	AT GASKET	SANTOPRENE	TREMCO	
20					
21	E2-0652	SETTING BLOCK	EPDM	TREMCO	PEROXIDE CURED
22	--	--	--	--	
23	E2-0670	BACKER TAPE	POLYURETHANE FOAM	SAINT GOBAIN	
24					
25	E2-0672	WEDGE GASKET	EPDM		DUROMETER 70 +/-5
26	E9-4566	THROUGH FRAME FILLER PLATE	6063-T5	YKK-AP	3" LONG @ EA. ANCHOR LOCATION
27	E9-4031	1" X 2" CLIP	6063-T5	YKK-AP	
28	E9-4032	1" X 2" COVER	6063-T5	YKK-AP	
29	E1-1922	ANCHOR CLIP	6063-T5	YKK-AP	
30	E9-4035	ANCHOR CLIP COVER	6063-T5	YKK-AP	
31	E9-4556	1 ¼" X 1" CLIP	6063-T5	YKK-AP	
32	E9-4557	1 ¼" X 1" COVER	6063-T5	YKK-AP	
33	E9-8431	STRAP ANCHOR COVER	6063-T5	YKK-AP	
34	E9-8537	1" X 1 15⁄16" CLIP	6063-T5	YKK-AP	
35	E9-8538	1" X 1 15⁄16" COVER	6063-T5	YKK-AP	
36	E9-8562	1 ½" X 3 ½" CLIP	6063-T5	YKK-AP	
37	E9-8563	1 ½" X 3 ½" COVER	6063-T5	YKK-AP	
38	E9-4529	STRAP ANCHOR at 4 ½"	6063-T5	YKK-AP	
39	E1-1965	MULLION CLIP at ¾"	6063-T5	YKK-AP	
40	PC-1008 -SS	#10 X 1/2" PH SMS SS AB	300 SS		5" FROM EA. END & 12" MAX. O.C.
41		#10 X 1/2" PH SMS	SAE GR. 5		3" FROM EA. END & 7 1/8" MAX. O.C.
42	PS-1016-SS	#10 X 1" PH SMS SS SELF DRILLING	410 SS		3" FROM EA. END & 10" O.C.
43	PC-1016-SS	#10 X 1" PH SMS SS AB	300 SS		FOR FRAME ASSEMBLY
44	PC-1208-SS	#12X1/2" PH SMS SS AB	300 SS		(2) PER CLIP TO MULLION
45	E2-0768	JAMB BLOCK			AT BOTTOM OF JAMB WITH SILL FLASHING
46		#10-16 x 3/4" SSMS (PH OR FH)			3" FROM CORNERS, SILICONE AT HOLES
47		DOW 995 SILICONE ADHESIVE	SILICONE		MIN. 4" BEADS AT MAX. 24" O.C.
48		PECORA 895NST SILICONE ADHESIVE	SILICONE		
49	HD-2516-W3-SS	1/4-20 X 1 HWHS-SS	300 SS		1 1/2" FROM EA. END, 9" O.C. MAX.
50		TREMCO SPECTRUM 2 ADHESIVE	SILICONE		
51		TREMCO PROGLAZE 2 ADHESIVE	SILICONE		
52	PC-0806SS	#8 X 3/8" PHSMS TYPE AB	STAINLESS STEEL		
53	E9-4587	4" SILL TRIM	6063-T5	YKK-AP	
54	E1-2003	END DAM			



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

TITLE: YOW 225 H NON-THERMAL ALUMINUM FIXED WINDOW (HVHZ) (IMPACT)
BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL16314

DATE: 05.15.18

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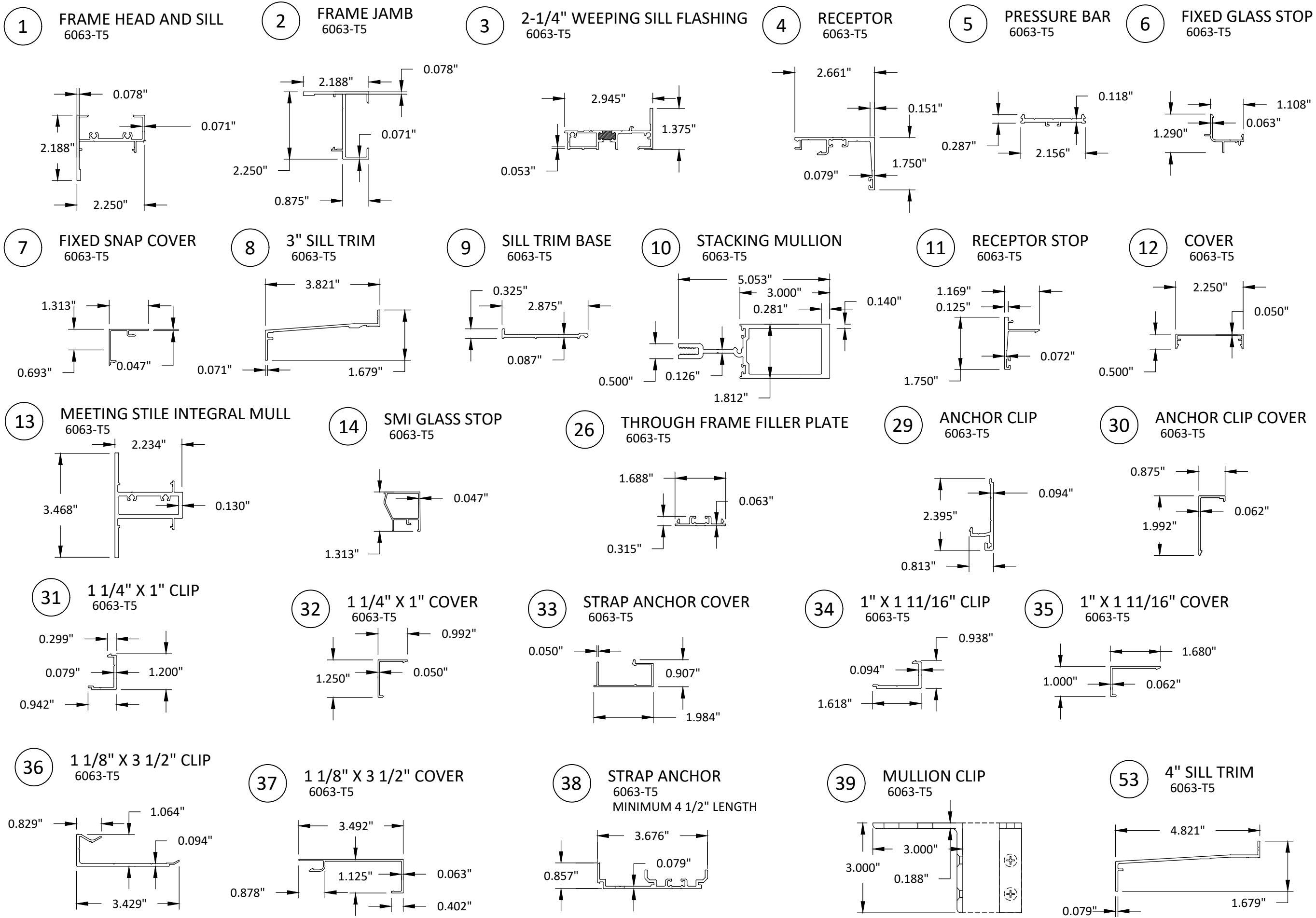
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TITLE: YOW 225 H NON-THERMAL ALUMINUM FIXED WINDOW (HVHZ) (IMPACT)

COMPONENTS

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HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
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