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YKK AP America Inc.

YOW 225 H NON-THERMAL ALUMINUM FIXED WINDOW (WZ3) (IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- 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.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM 0.067 INCH THICK, 6063-T5 ALUMINUM
- INSTALLATION SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS FOR SEALING WINDOWS AND ACCESSORY ITEMS.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
- WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
- ALL STRUCTURAL MATERIALS & DISSIMILIAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 10 FOR GLAZING DETAILS.

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9	I MULL & STACK MULL DETAILS
10	GLAZING DETAILS
11	BILL OF MATERIALS
12	COMPONENTS

FIXED WINDOW DESIGN PRESSURE TABLE		
GLAZING TYPES	MAX. DP	IMPACT RATING
A, B, C	SEE SHEET 2	LMI & SMI
D, E	SEE SHEET 2	SMI

- NOTE:
- LMI - LARGE MISSILE IMPACT RATED
 - SMI - SMALL MISSILE IMPACT RATED
 - SEE SHEET 10 FOR GLAZING DETAILS
 - SEE SHEET 2 FOR DESIGN LOAD RATINGS BASED ON VARIED MAX. SIZES AND GLASS TYPE.



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 (WZ3) (IMPACT)

INSTALLATION & GENERAL NOTES

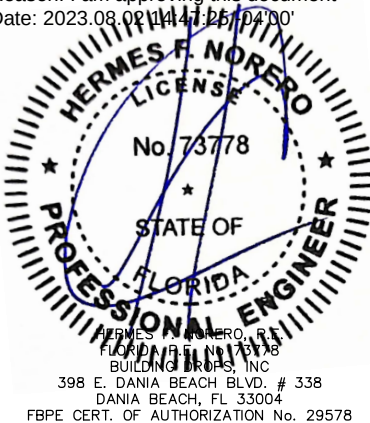
PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE
PECORA 895 NST UPDATE	LA	06.13.17
WEEP HOLE REMOVAL	JA	05.15.18
7TH FBC CODE CHANGE	MS	04.23.20
8TH FBC CODE CHANGE	SH	06.02.23

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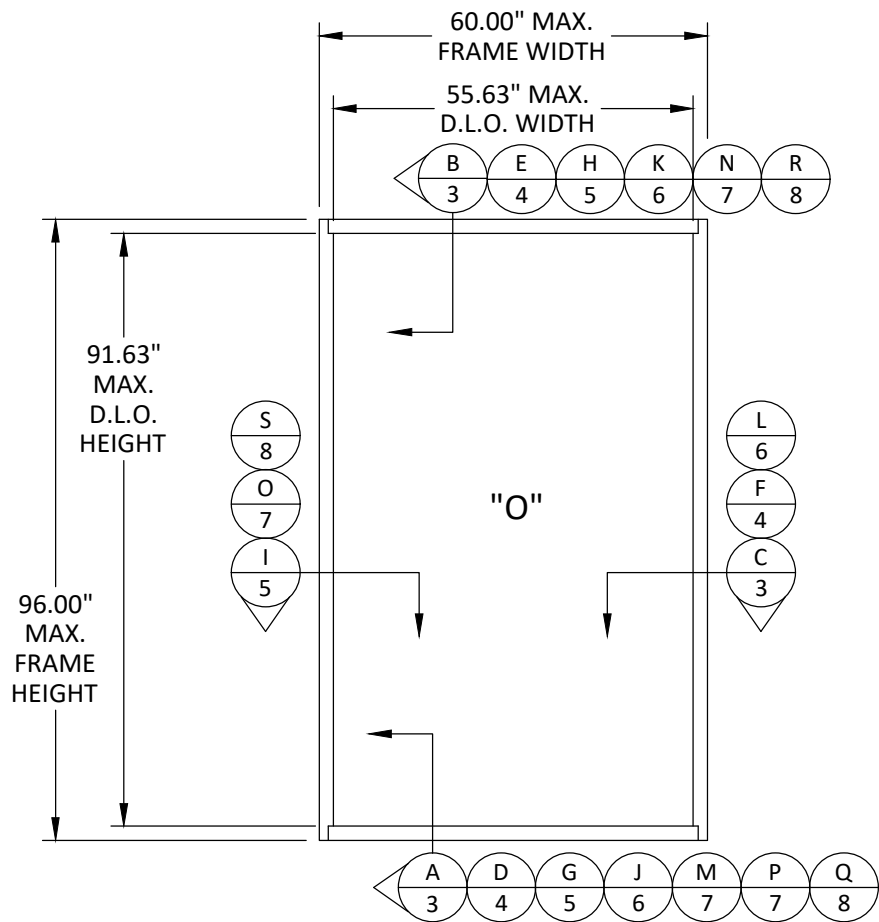
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Reason: I am approving this document
Date: 2023.08.09 14:47:25 -04'00'



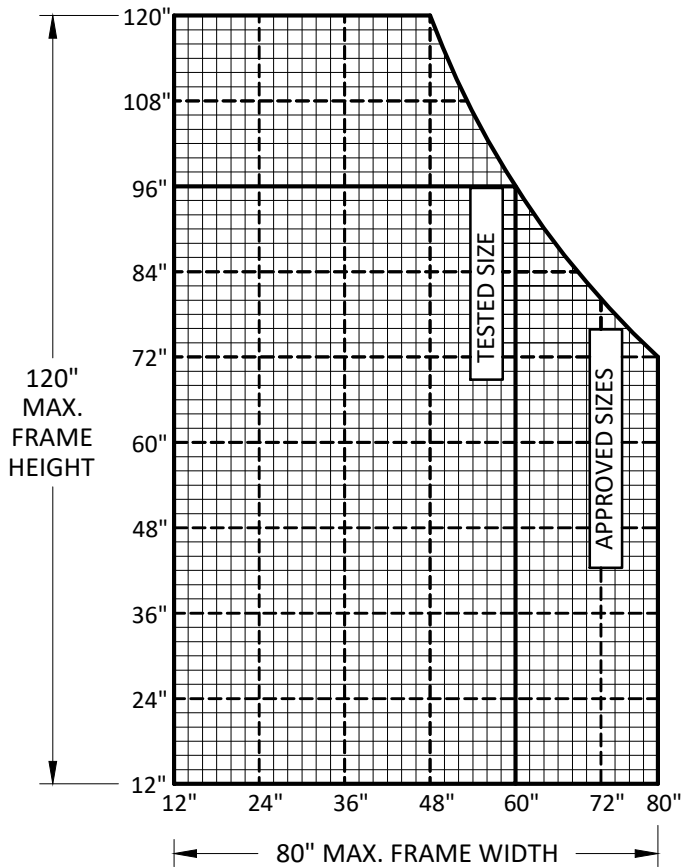
HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL16314		
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SHEET:	1	OF 12	

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ELEVATION
SINGLE TESTED UNIT

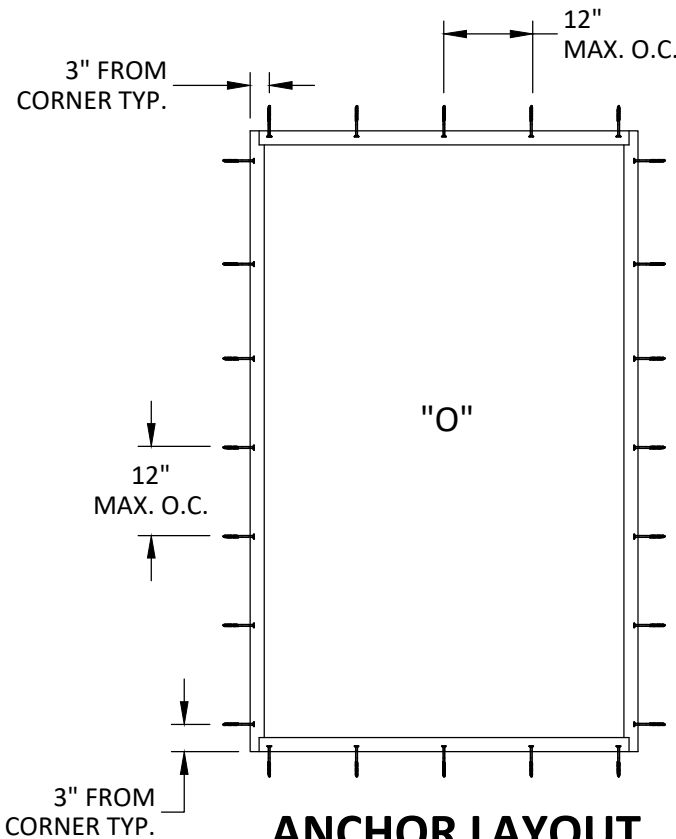


APPROVED SIZES

NOTES:

1. SIZES AND DESIGN PRESSURES SHOWN APPLY TO A SINGLE FIXED WINDOW UNIT. MULLIONS SHALL BE UNDER SEPARATE APPROVAL.
2. DESIGN PRESSURES ARE LIMITED TO THE LESSER OF COMPARATIVE ANALYSIS PER FBC CHAPTER 17 AND GLASS CAPACITIES PER ASTM E1300 (3 SEC GUST).
3. SQUARE FOOTAGE AREA HAS BEEN LIMITED TO EQUAL TO OR LESS THAN TESTED AREA (40 SQ. FT.).
4. SEE SHEET 10 FOR MISSILE IMPACT RATINGS AND GLAZING DETAILS.

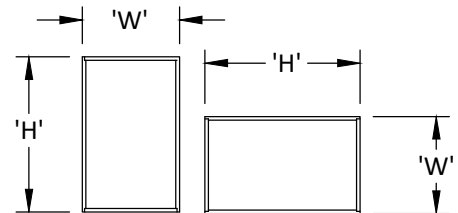
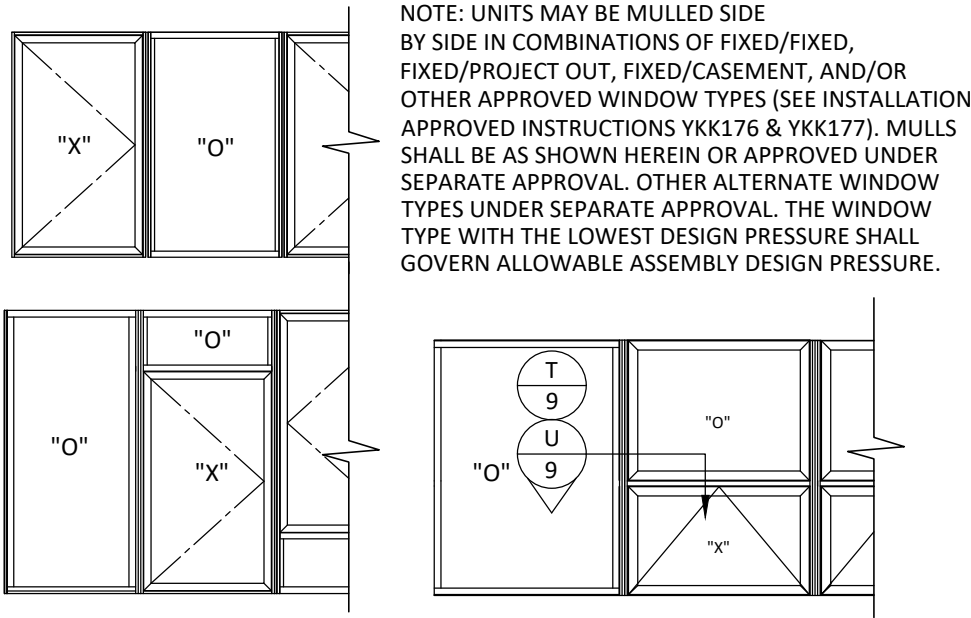
NOTES: MAX. SIZES VARY
BASED ON APPROVED SIZES
CHART ABOVE.



ANCHOR LAYOUT
SINGLE UNITS

MAX DESIGN PRESSURE PER GLASS TYPE (PSF)							
NOMINAL DIMS.		TYPE A		TYPE B & C		TYPE D & E	
WIDTH (in.)	HEIGHT (in.)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
60	72	70.0	90.0	65.0	65.0	100.0	100.0
66		70.0	90.0	-	-	100.0	100.0
72		70.0	90.0	-	-	100.0	100.0
78		68.8	88.4	-	-	98.2	98.2
80		65.6	84.4	-	-	93.8	93.8
54	78	70.0	90.0	65.0	65.0	100.0	100.0
60		70.0	90.0	-	-	100.0	100.0
66		70.0	90.0	-	-	100.0	100.0
72		70.0	90.0	-	-	100.0	100.0
48	84	70.0	90.0	65.0	65.0	100.0	100.0
54		70.0	90.0	63.9	63.9	100.0	100.0
60		70.0	90.0	-	-	100.0	100.0
66		70.0	90.0	-	-	100.0	100.0
48	90	70.0	90.0	65.0	65.0	100.0	100.0
54		70.0	90.0	-	-	100.0	100.0
60		70.0	90.0	-	-	100.0	100.0
64		70.0	90.0	-	-	100.0	100.0

QUALIFIED CONFIGURATIONS



NOTE:
WIDTH AND HEIGHT DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE

MAX DESIGN PRESSURE PER GLASS TYPE (PSF)							
NOMINAL DIMS.		TYPE A		TYPE B & C		TYPE D & E	
WIDTH (in.)	HEIGHT (in.)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
48	96	70.0	90.0	65.0	65.0	100.0	100.0
54		70.0	90.0	-	-	100.0	100.0
60		70.0	90.0	-	-	100.0	100.0
42		70.0	90.0	65.0	65.0	100.0	100.0
48	102	70.0	90.0	-	-	100.0	100.0
54		70.0	90.0	-	-	100.0	100.0
56		70.0	90.0	-	-	100.0	100.0
42	108	70.0	90.0	65.0	65.0	100.0	100.0
48		70.0	90.0	-	-	100.0	100.0
53		70.0	90.0	-	-	100.0	100.0
36	114	70.0	90.0	65.0	65.0	100.0	100.0
42		70.0	90.0	-	-	100.0	100.0
48		70.0	90.0	-	-	100.0	100.0
50	120	70.0	90.0	-	-	100.0	100.0
36		70.0	90.0	65.0	65.0	100.0	100.0
42		70.0	90.0	-	-	100.0	100.0
48		70.0	90.0	-	-	100.0	100.0



YKK AP America Inc.
1229 HWY 441 BYPASS
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TITLE: YOW 225 H NON-THERMAL ALUMINUM FIXED WINDOW (WZ3) (IMPACT)

ELEVATIONS, ANCHOR LAYOUTS & APPROVED SIZES

PREPARED BY:

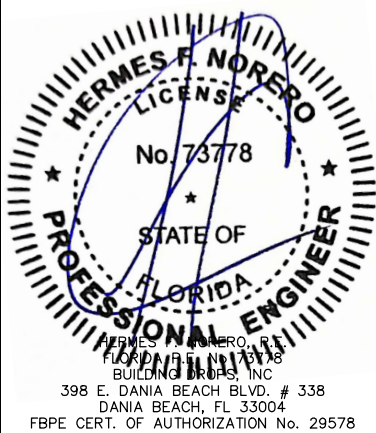
BUILDING DROPS, INC.

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REMARKS	BY	DATE
PECORA 895 NST UPDATE	LA	06.13.17
WEEP HOLE REMOVAL	JA	05.15.18
7TH FBC CODE CHANGE	MS	04.23.20
8TH FBC CODE CHANGE	SH	06.02.23

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DATE: **05.15.18**

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SCALE: **NTS**

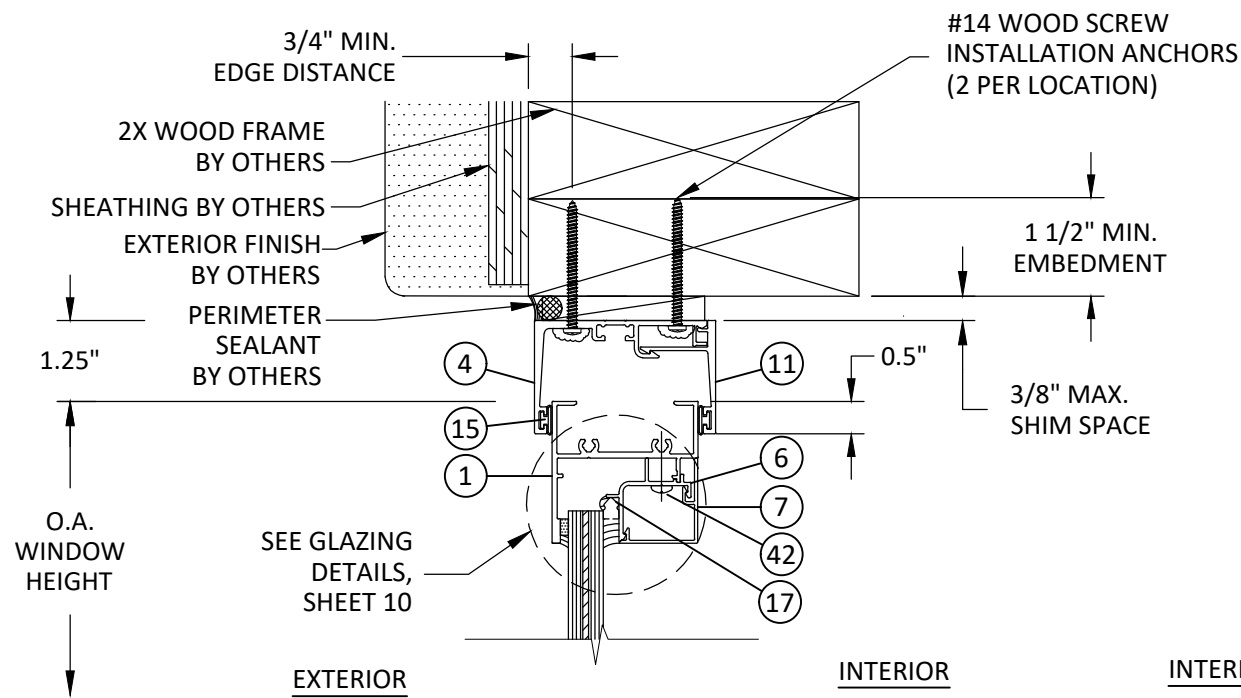
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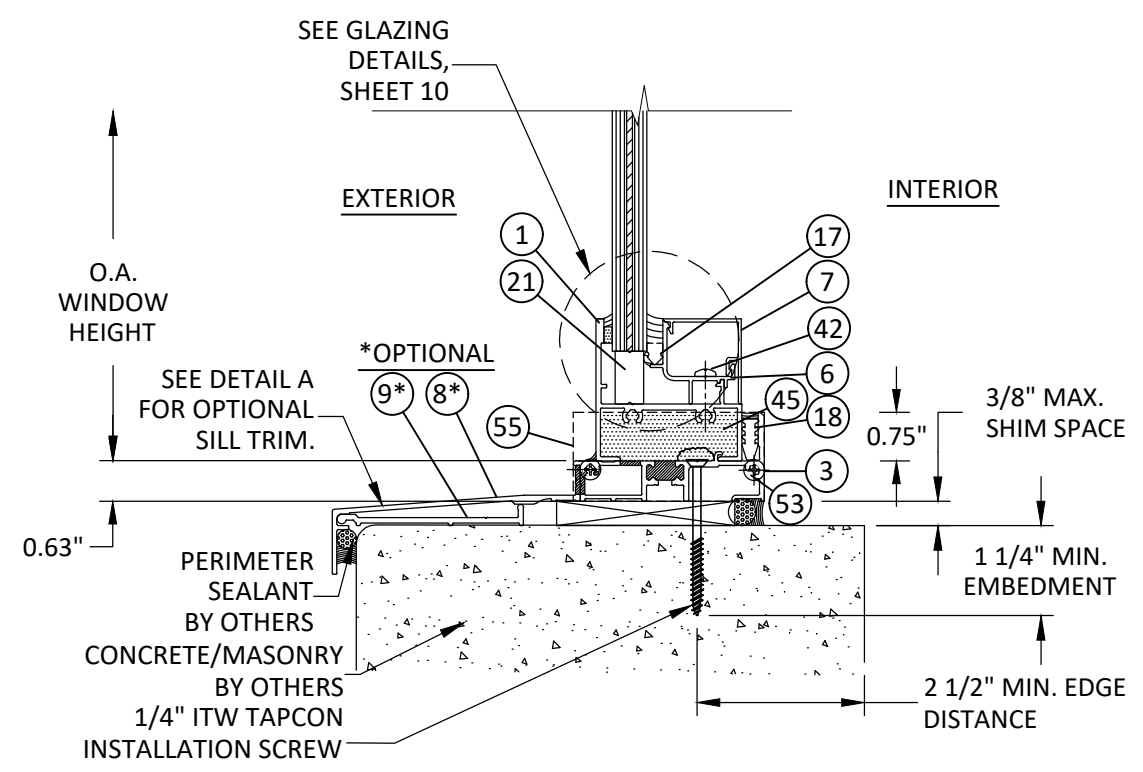
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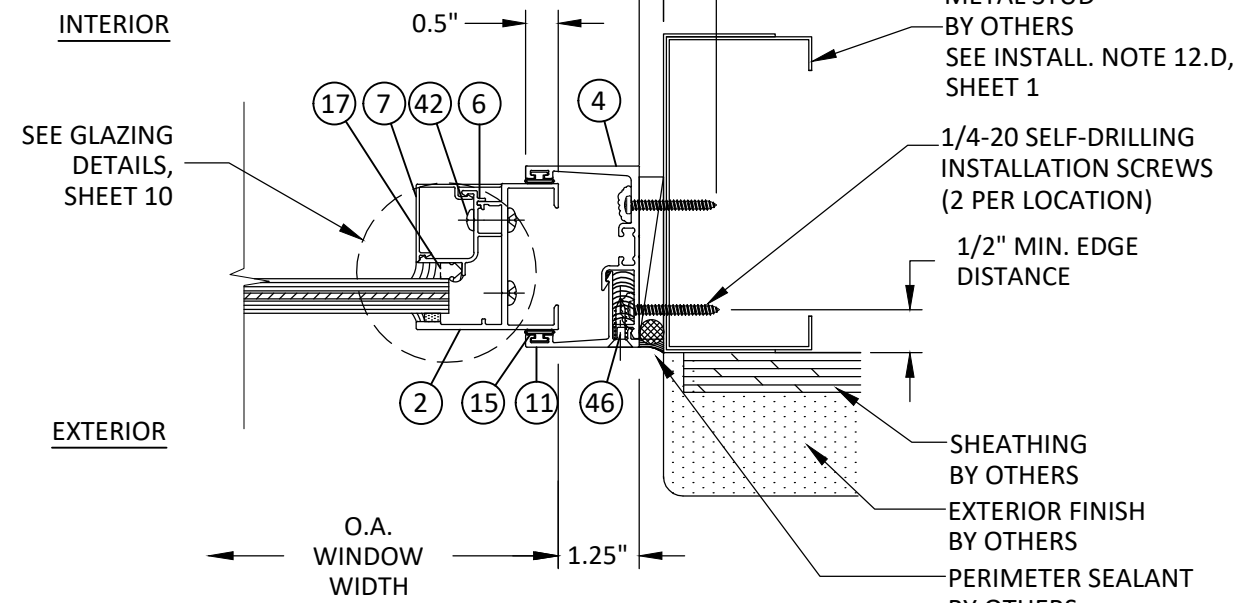
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B
3
VERTICAL SECTION
FIXED HEAD - 2X WOOD FRAME
INT. SET RECEPTOR - TYP.

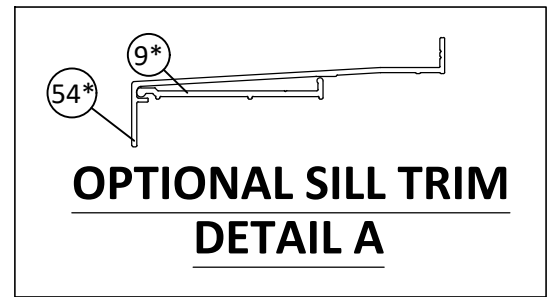


A
3
VERTICAL SECTION
FIXED SILL - CONCRETE/MASONRY
RECEPTOR - TYP.



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.



**OPTIONAL SILL TRIM
DETAIL A**



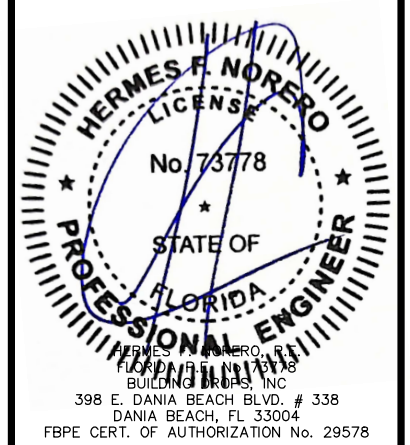
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1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
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TITLE: YOW 225 H NON-THERMAL ALUMINUM FIXED WINDOW (WZ3) (IMPACT)
RECEPTOR INSTALLATION DETAILS

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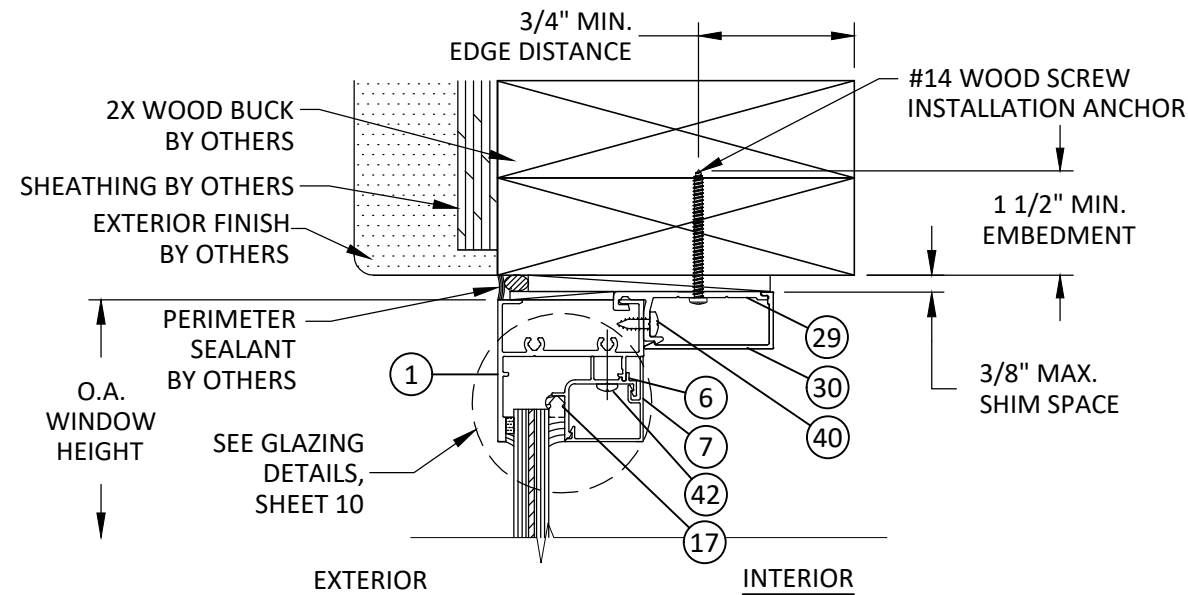
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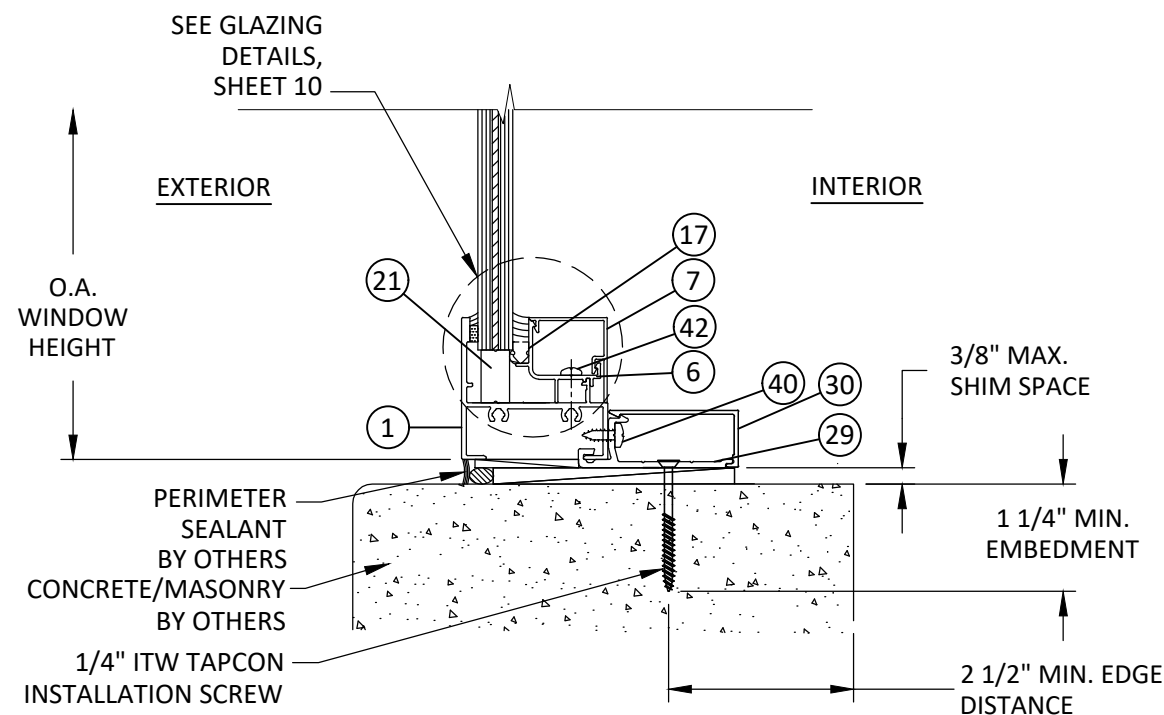


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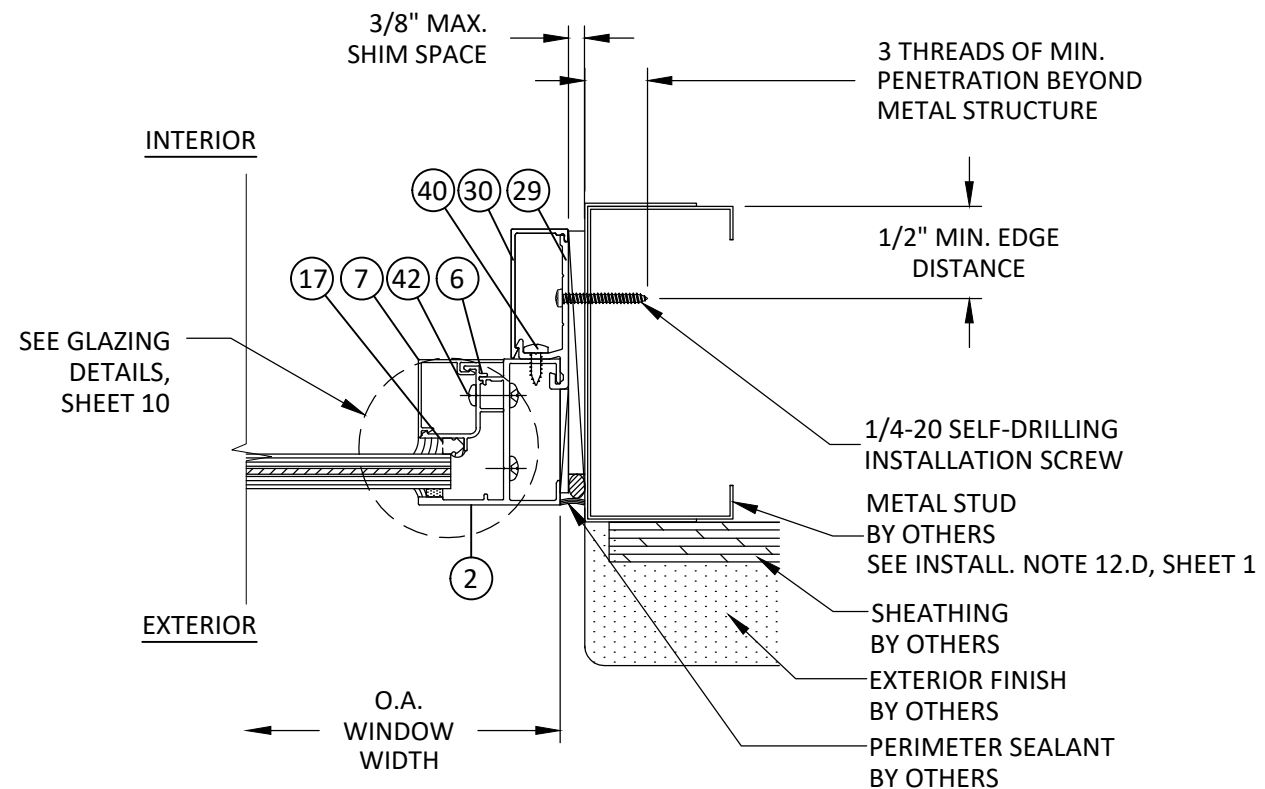
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E
4 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD FRAME
CLIP ANCHOR - TYP.



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



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



YKK AP America Inc.
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TITLE: YOW 225 H NON-THERMAL
ALUMINUM FIXED WINDOW
(WZ3) (IMPACT)

CLIP INSTALLATION DETAILS

PREPARED BY: BUILDING DROPS, INC.

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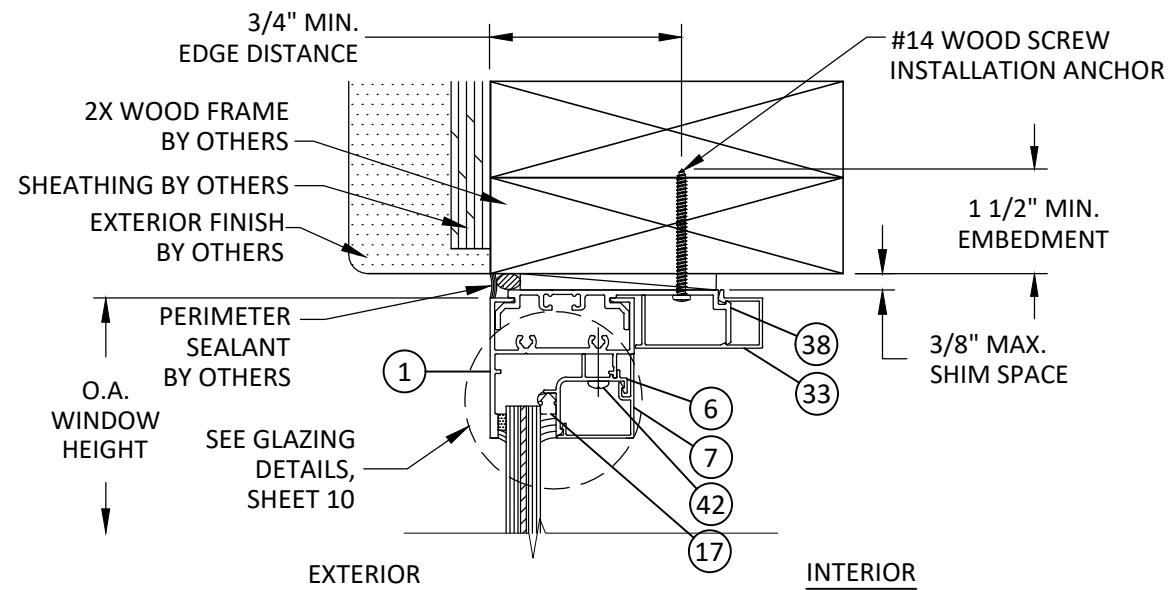
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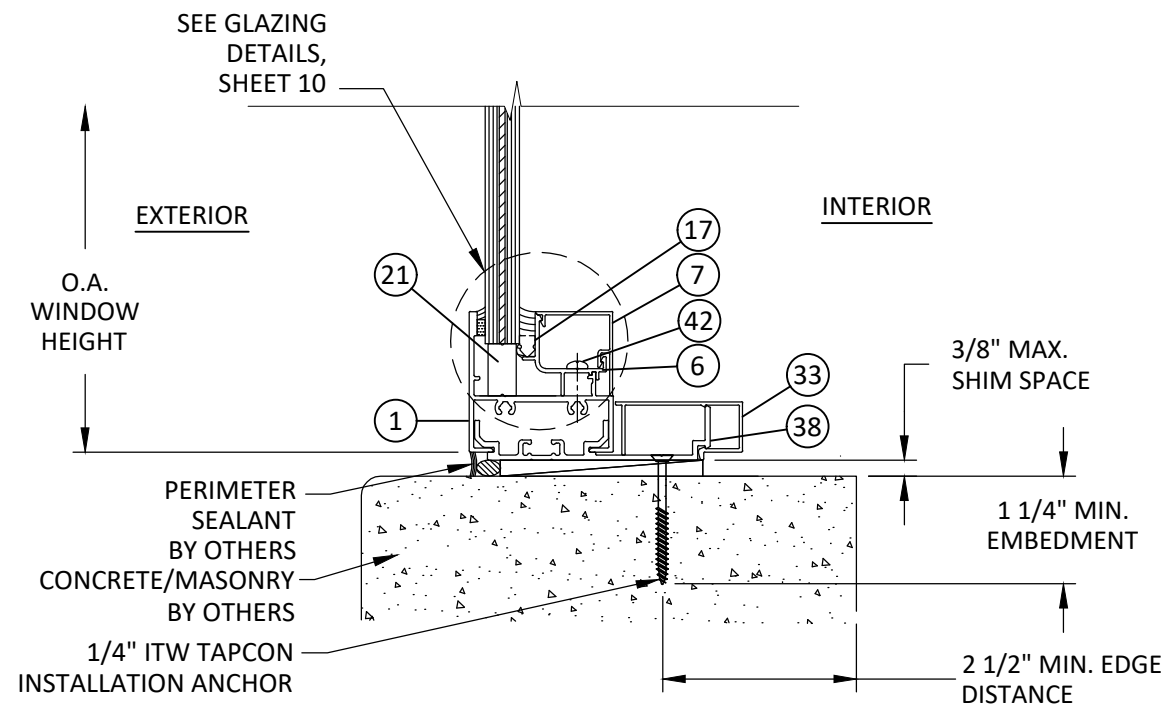
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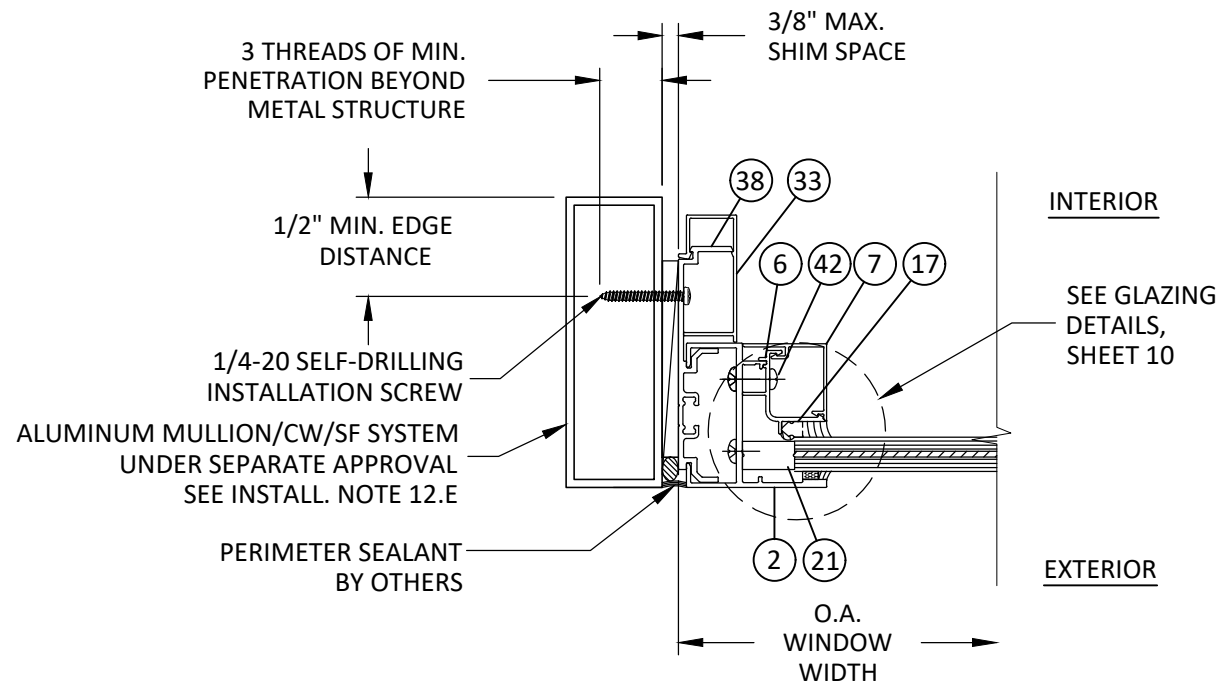
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H
5 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD FRAME
STRAP ANCHOR - TYP.



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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(WZ3) (IMPACT)

STRAP INSTALLATION DETAILS

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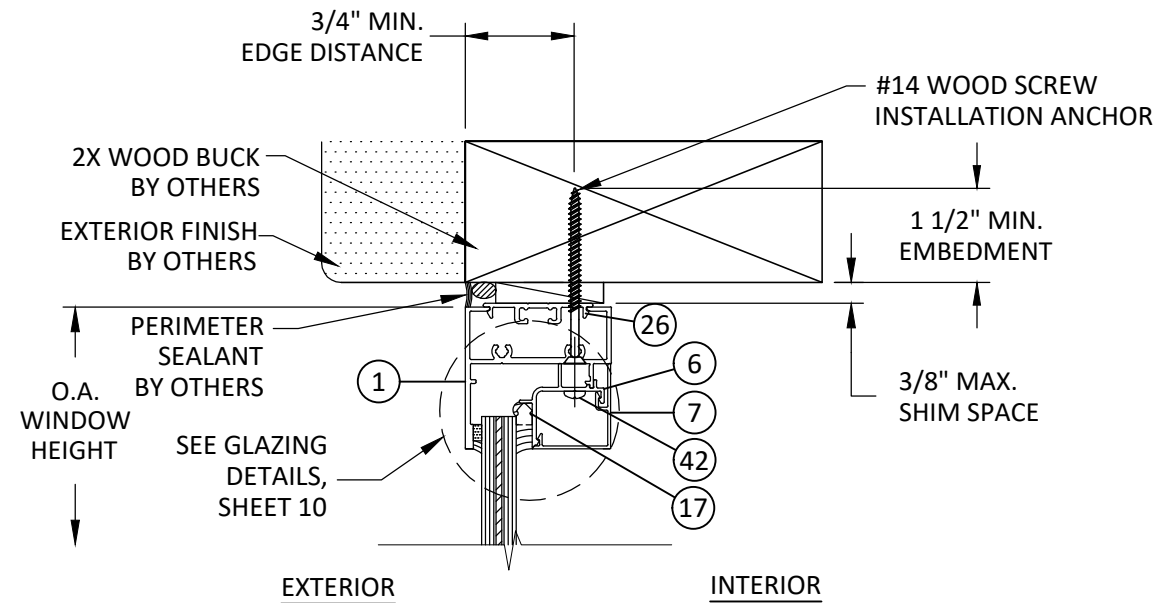
SCALE: **NTS**

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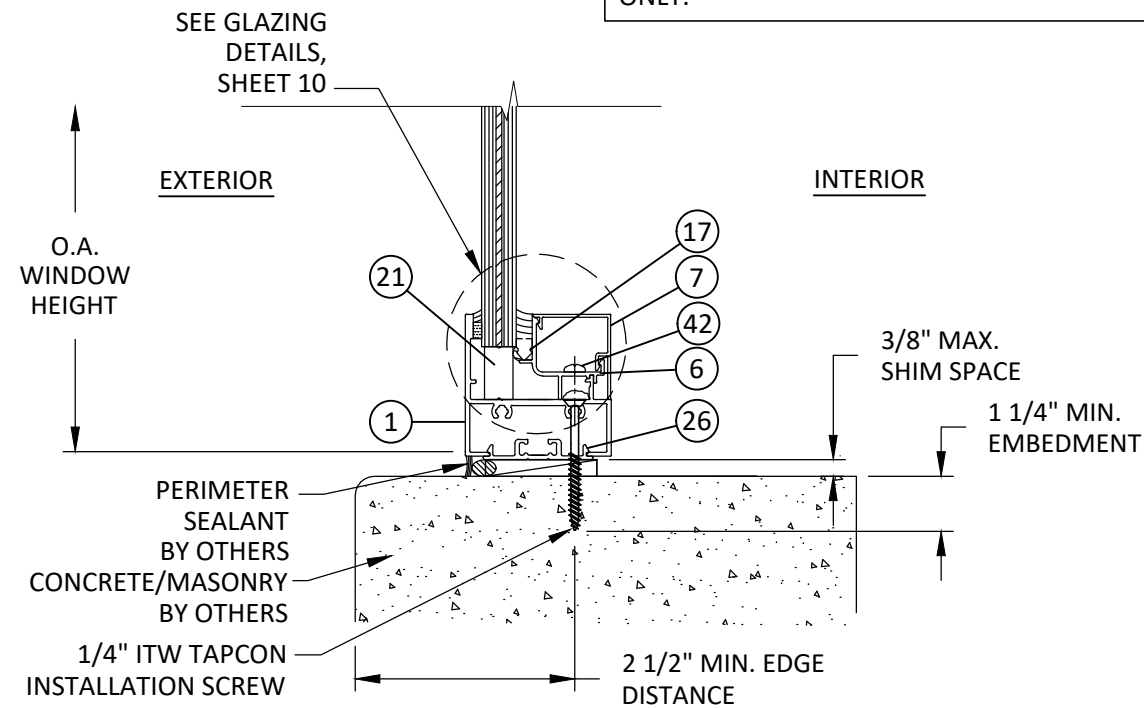
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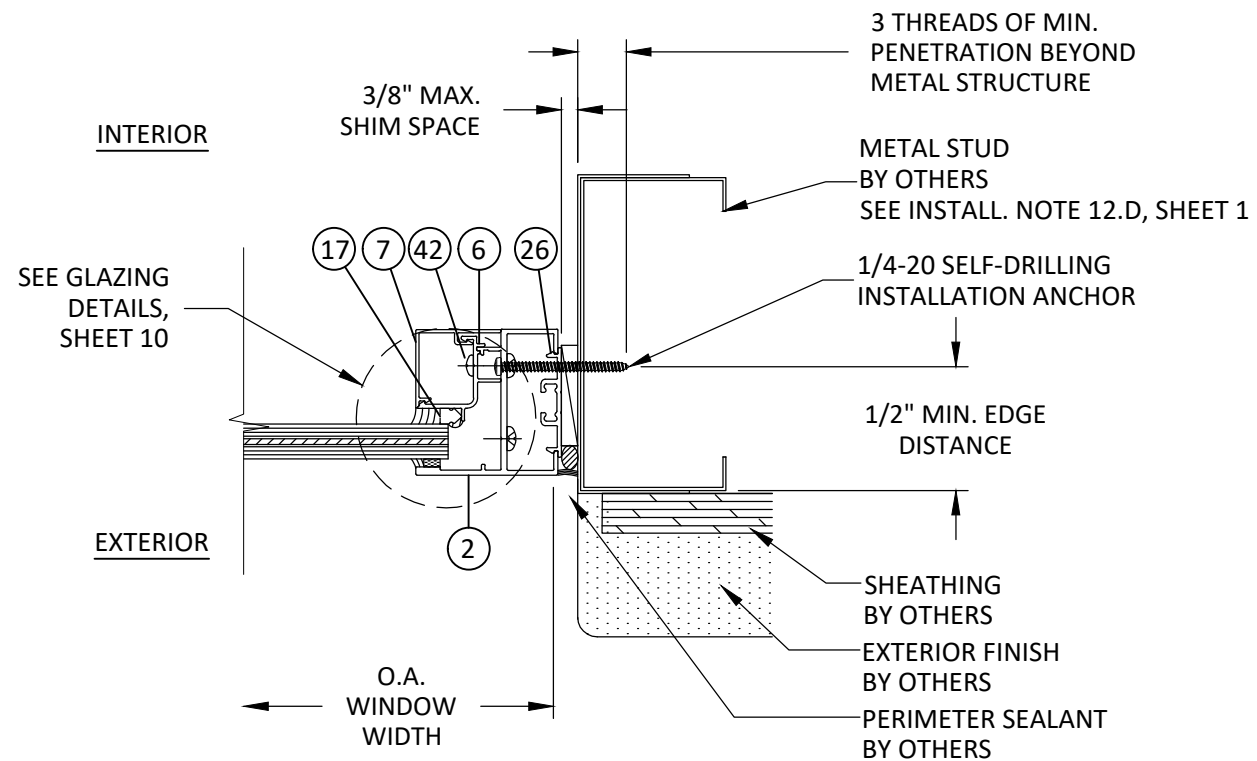


K
6 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD BUCK
THROUGH FRAME - TYP.

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.



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(WZ3) (IMPACT)

THROUGH FRAME
INSTALLATION DETAILS

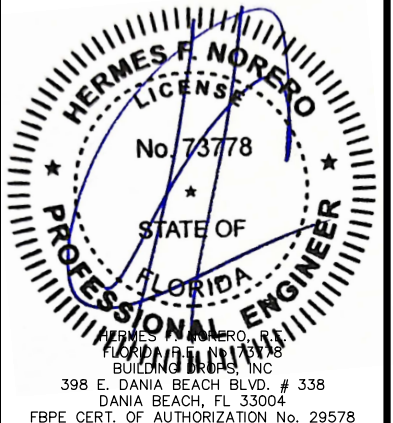
PREPARED BY: BUILDING DROPS, INC.

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



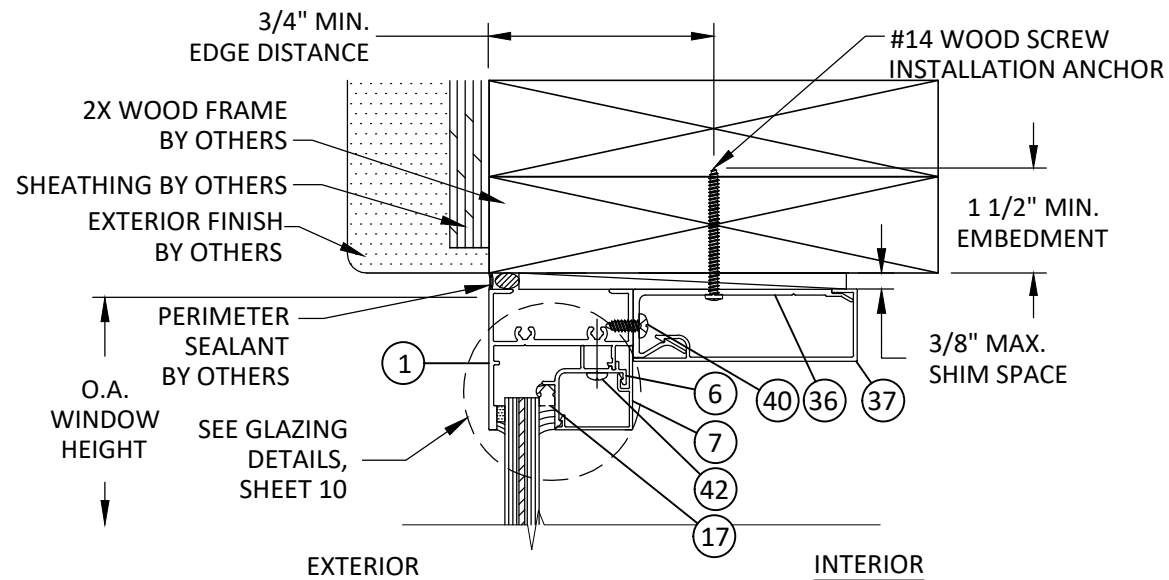
REMARKS	BY	DATE
PECORA 895 NST UPDATE	LA	06.13.17
WEEP HOLE REMOVAL	JA	05.15.18
7TH FBC CODE CHANGE	MS	04.23.20
8TH FBC CODE CHANGE	SH	06.02.23

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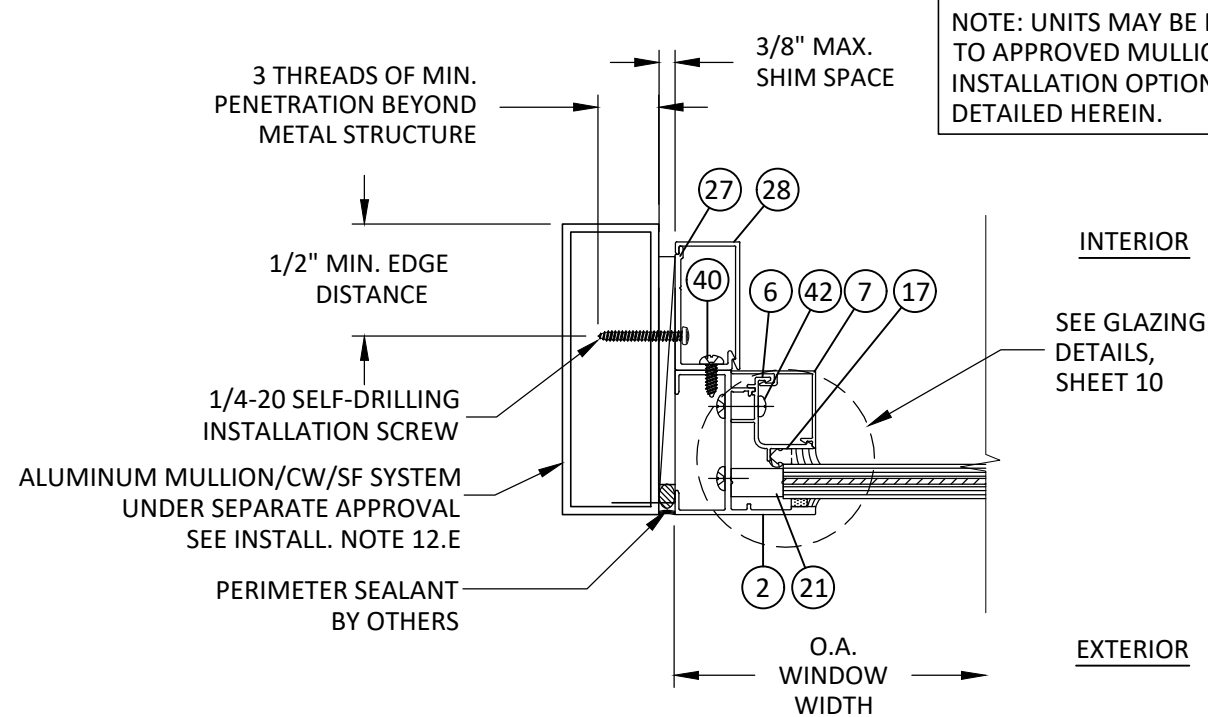


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DATE:	05.15.18
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK178
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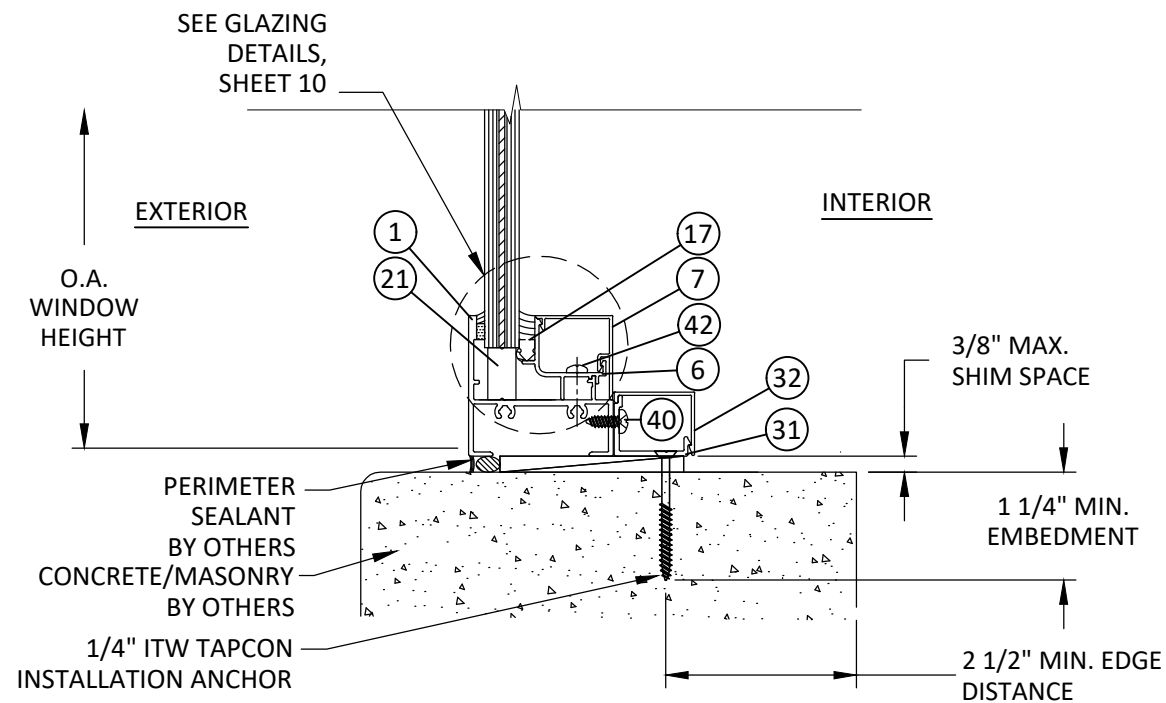
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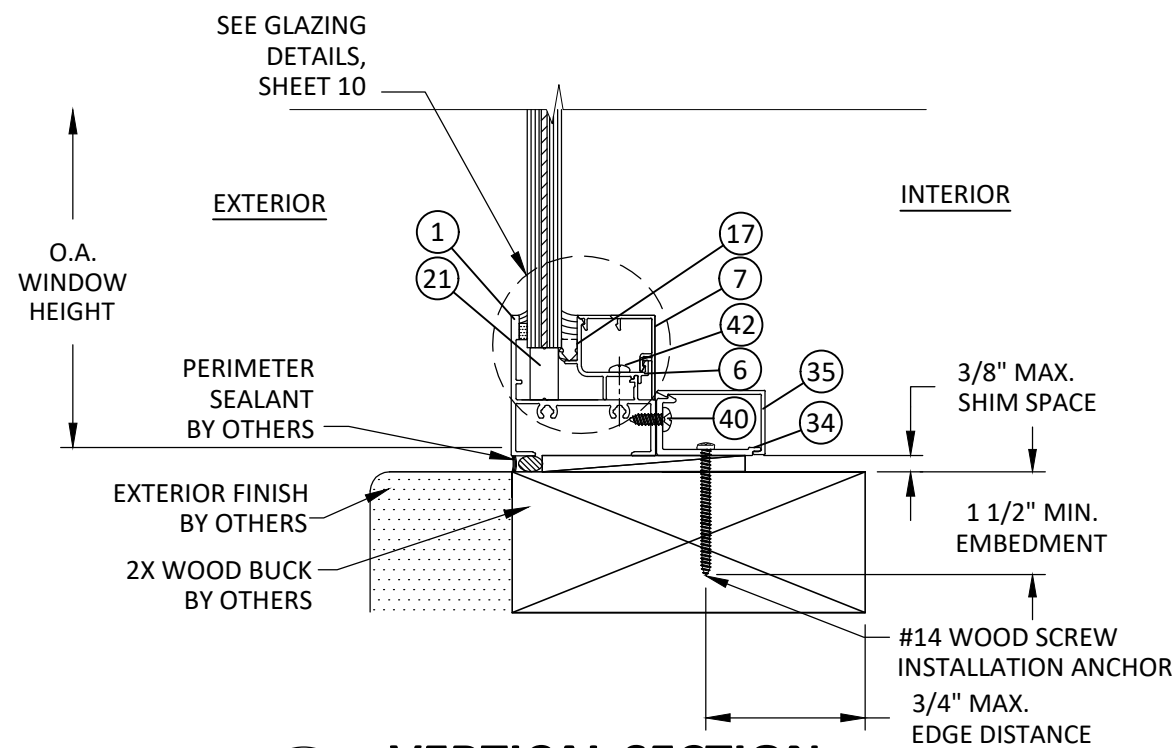
N
7 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD FRAME
TRIM CLIP ANCHOR - TYP.



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.

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



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
(WZ3) (IMPACT)

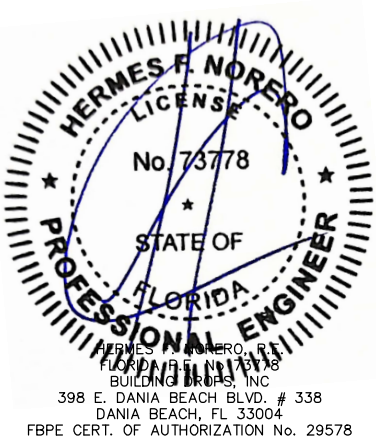
TRIM CLIP ANCHOR INSTALLATION

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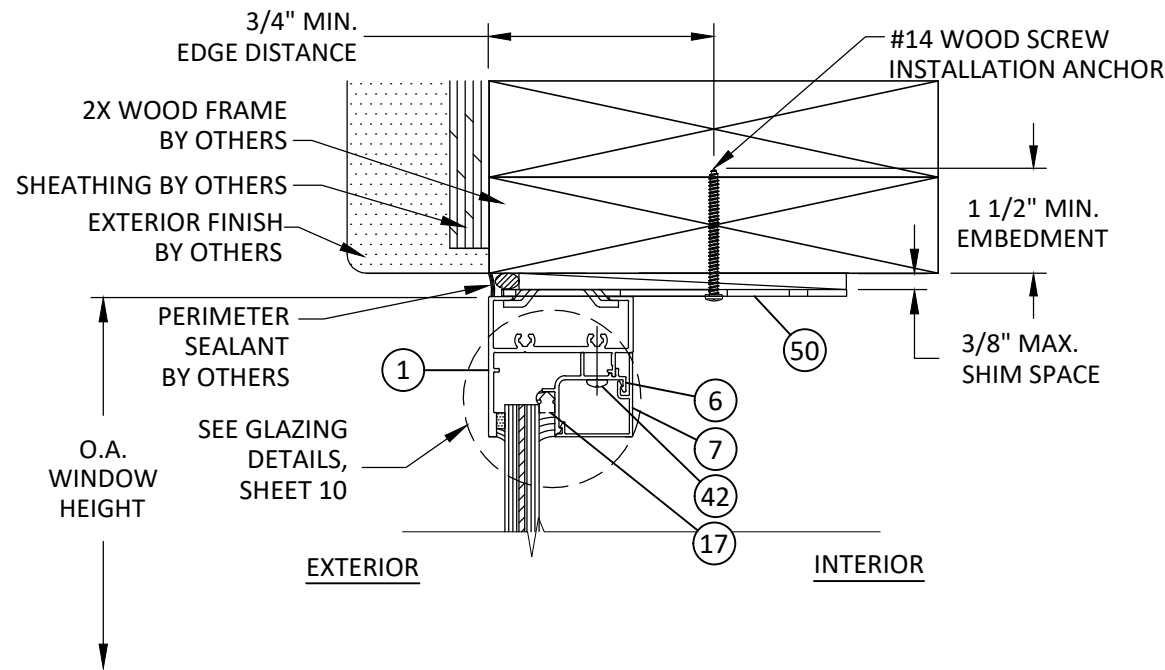
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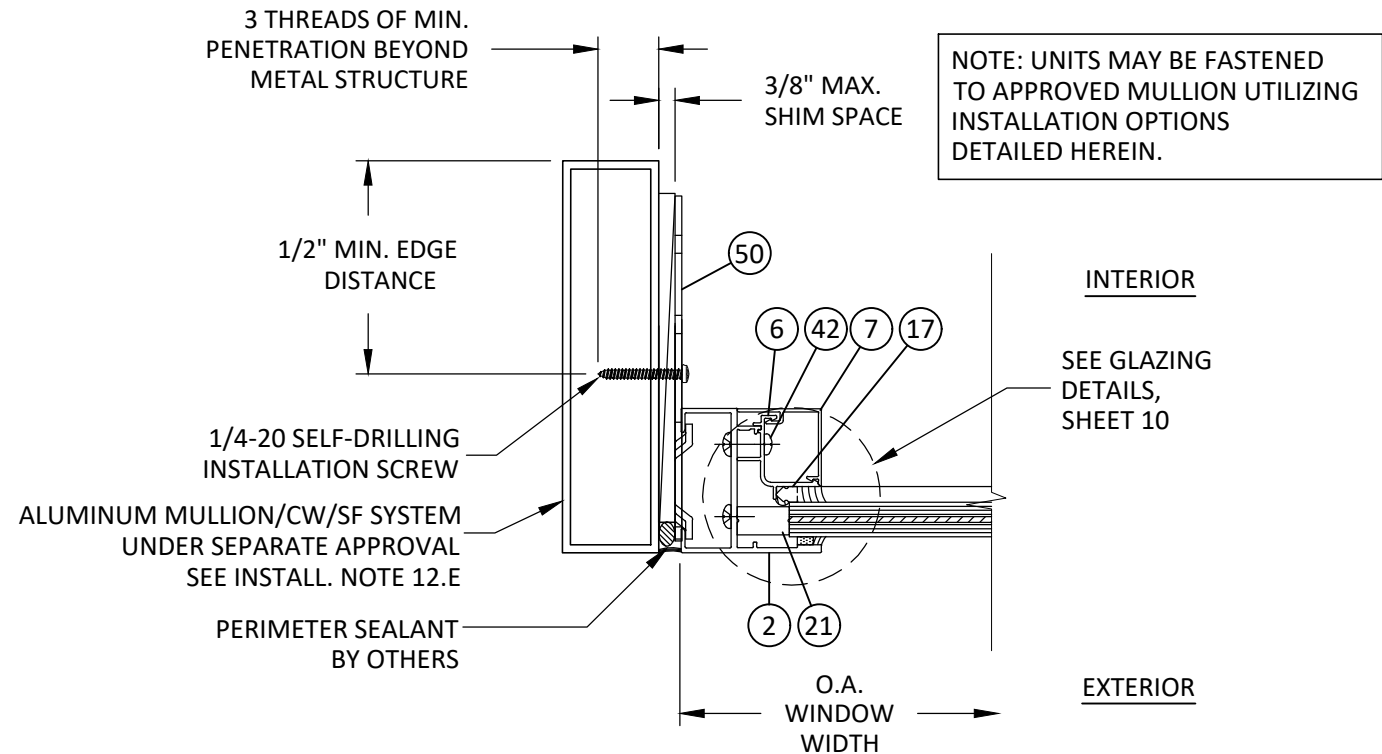


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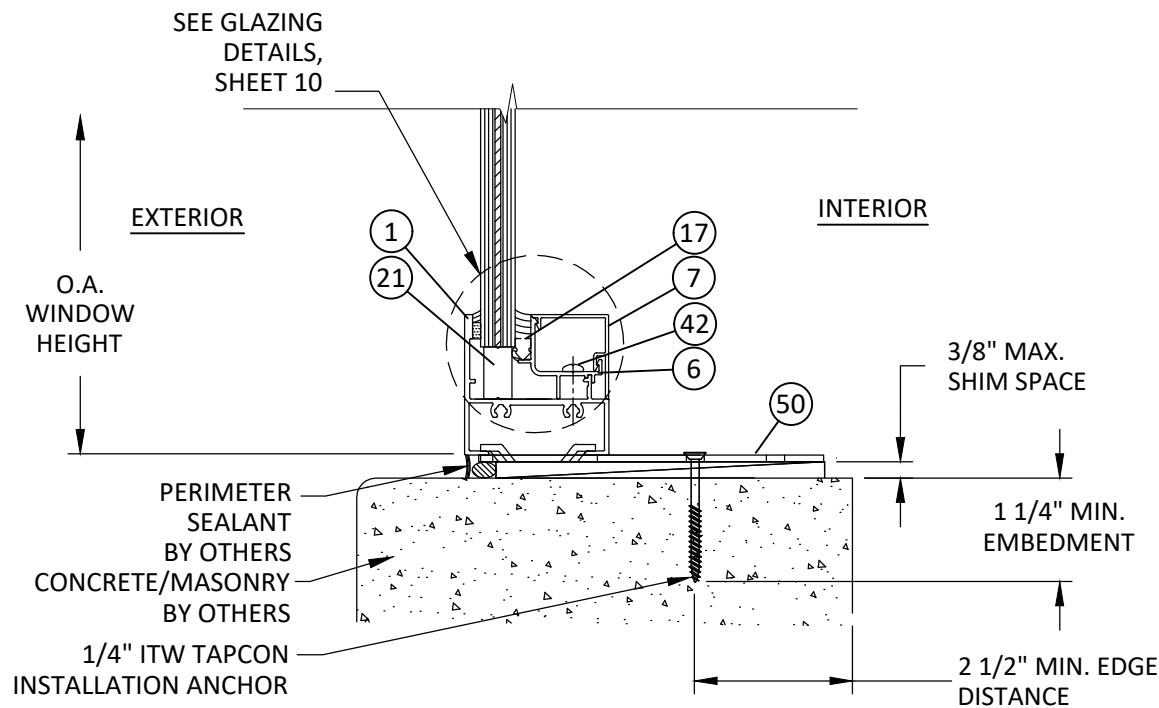
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R
8 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD FRAME
TWIST ANCHOR - TYP.



S
8 **HORIZONTAL SECTION**
FIXED JAMB - MULL TUBE FRAME
TWIST ANCHOR - TYP.



Q
8 **VERTICAL SECTION**
FIXED SILL - CONCRETE/MASONRY
TWIST ANCHOR - TYP.



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TITLE: YOW 225 H NON-THERMAL
ALUMINUM FIXED WINDOW
(WZ3) (IMPACT)

TWIST ANCHOR DETAILS

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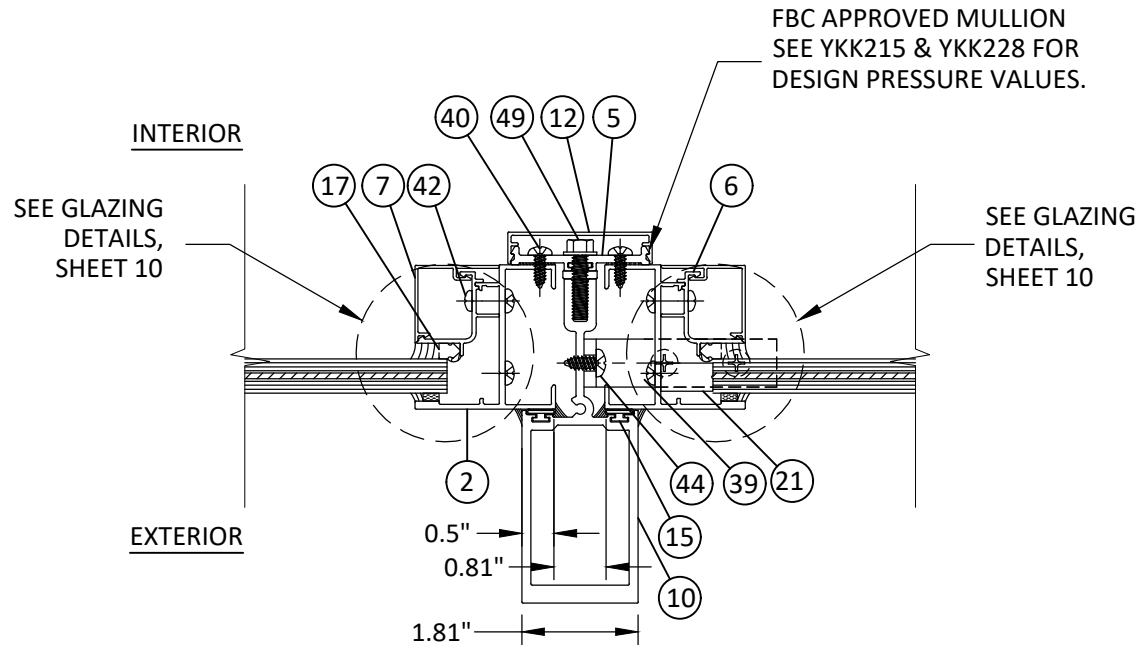
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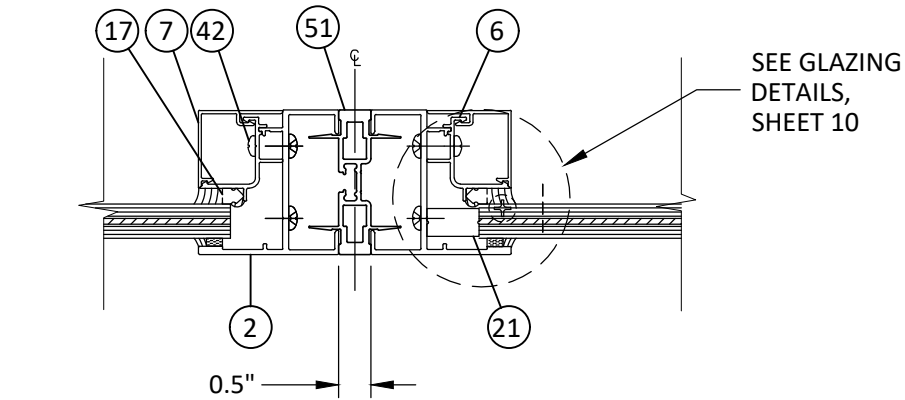
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CHK. BY:	HFN
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**T
9** **HORIZONTAL SECTION**
STACK MULLION - TYP.
FIXED - FIXED

I MULLION DESIGN PRESSURE		
WINDOW WIDTH	MULL SPAN	DESIGN PRESSURE
44	60	65.0
48		65.0
54		62.8
60		61.9
66		51.1
72		43.0
78	66	36.6
80		34.8
44		54.6
48		51.7
54		48.7
60		47.0
66		46.5
72		39.1
78	72	33.3
80		31.6
44		44.6
48		42.0
54		39.2
60		37.3
66	80.375	36.2
72		35.8
78		30.5
80		29.0
44		33.0
48		31.0
54		28.7
60		27.1
66		25.9
68		25.7
72		25.3



**U
9** **HORIZONTAL SECTION**
I MULLION - TYP.
FIXED - FIXED

- NOTES:
- I MULLION MAY BE USED ON A SINGLE ROW OF FIXED WINDOWS (MAY BE MULLED TO FX OR PO WINDOW) PER DESIGN TABLE AT LEFT.
 - ADJACENT WINDOW FRAMES SHALL BE CONTINUOUS.
 - OTHER CONFIGURATIONS SHALL BE EVALUATED FOR STRUCTURAL ADEQUACY ON A SITE BY SITE BASIS.

TITLE: YOW 225 H NON-THERMAL
ALUMINUM FIXED WINDOW
(WZ3) (IMPACT)

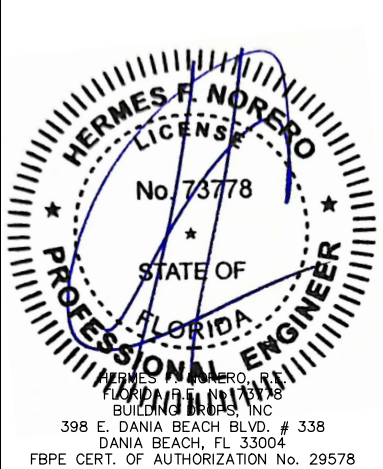
I MULLION

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DANIA BEACH, FL 33004
PH: (954)399-8478
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B.D.
BUILDING DROPS

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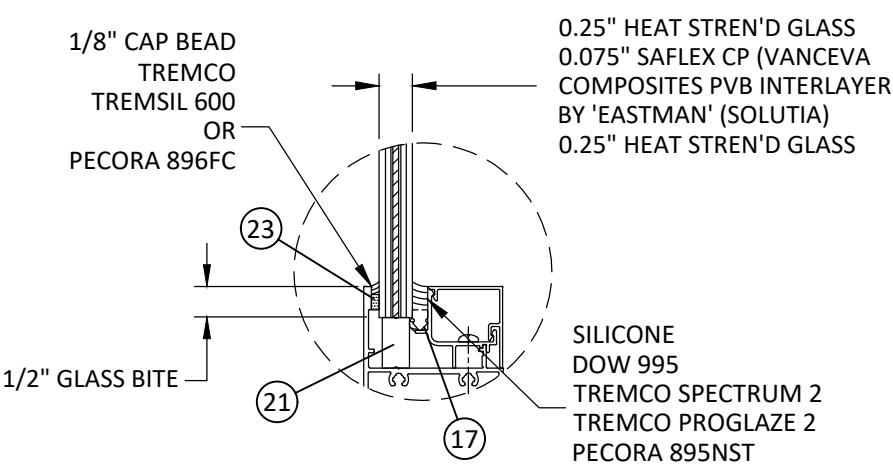
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DWG. #: **YKK178**

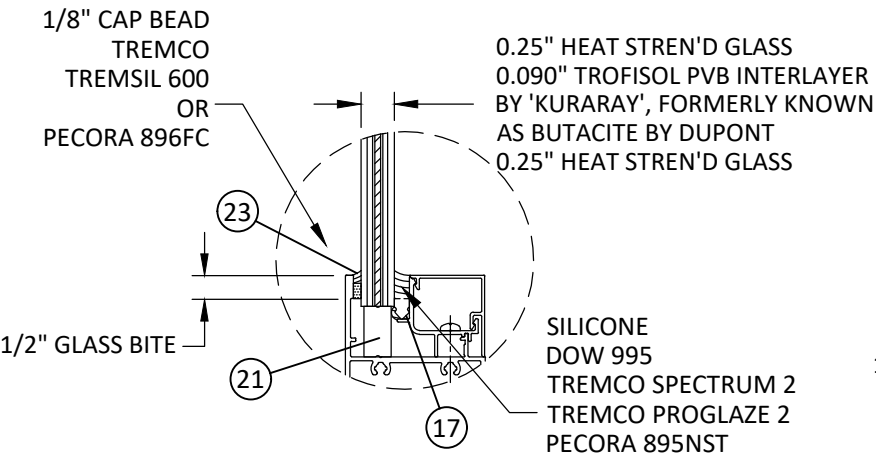
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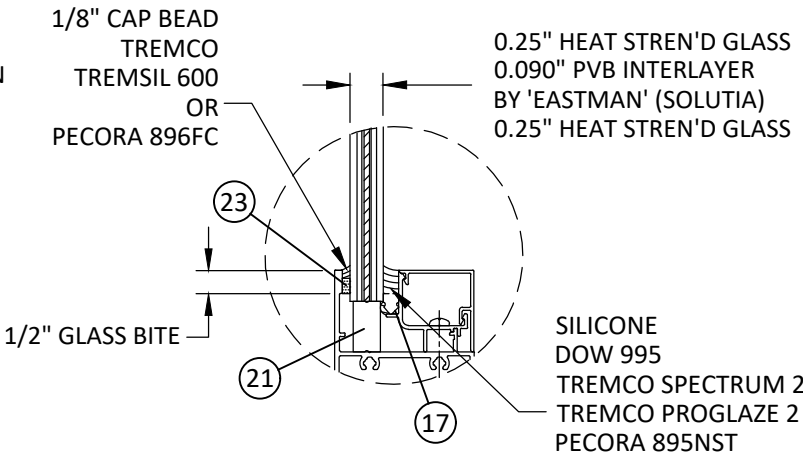
LARGE MISSILE IMPACT RATED GLAZING OPTIONS
SEE DESIGN PRESSURE TABLES, SHEET 2



GLAZING DETAIL A

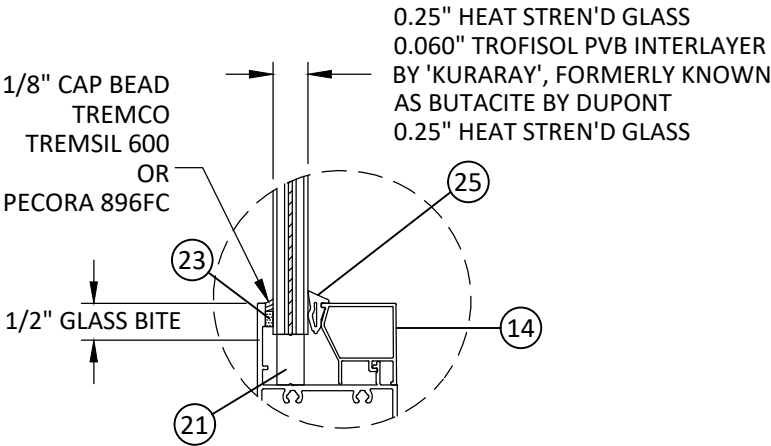


GLAZING DETAIL B

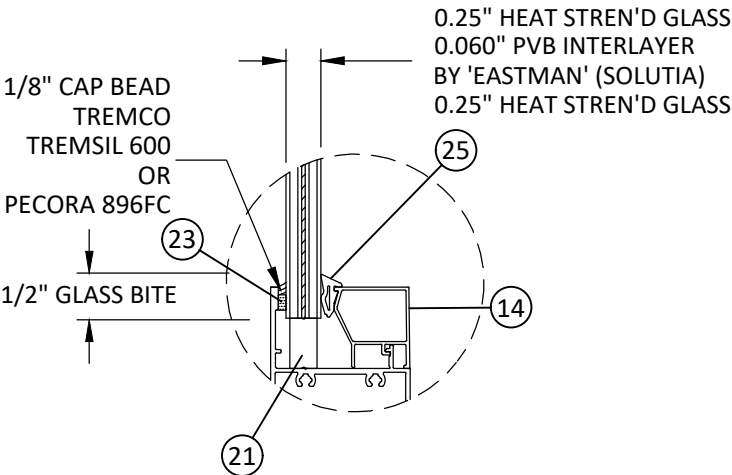


GLAZING DETAIL C

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



GLAZING DETAIL D



GLAZING DETAIL E

- GLAZING NOTES:
- GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC.
 - GLASS SHALL BE SET WITH THE USE OF SETTING BLOCKS IN ACCORDANCE WITH CHAPTER 24 OF THE CURRENT FLORIDA BUILDING CODE.
 - GLAZING GASKETS, WHEN IN USE WITH NON-STRUCTURALLY GLAZED CONSTRUCTION, SHALL MEET THE MINIMUM PERFORMANCE REQUIREMENTS AS APPLICABLE IN CHAPTER 24 OF THE CURRENT FLORIDA BUILDING CODE.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.



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
(WZ3) (IMPACT)

GLAZING DETAILS

PREPARED BY: BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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YOW 225 H BILL OF MATERIAL					
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 1½" CLIP	6063-T5	YKK-AP	
35	E9-8538	1" X 1 1½" 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		6" 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		TREMCO SPECTRUM 2 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	E1-1970	TWIST ANCHOR	GALVANIZED STEEL		
51	E9-4579	I MULLION	6063-T5		
51A		PECORA 895NST SILICONE ADHESIVE	SILICONE		
52		TREMCO PROGLAZE 2 ADHESIVE	SILICONE		
53	PC-0806SS	#8 X 3/8" PHSMS TYPE AB	STAINLESS STEEL		
54	E9-4587	4" SILL TRIM	6063-T5	YKK-AP	
55	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 (WZ3) (IMPACT)

BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
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HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
LICENSE No. 73778
STATE OF FLORIDA
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

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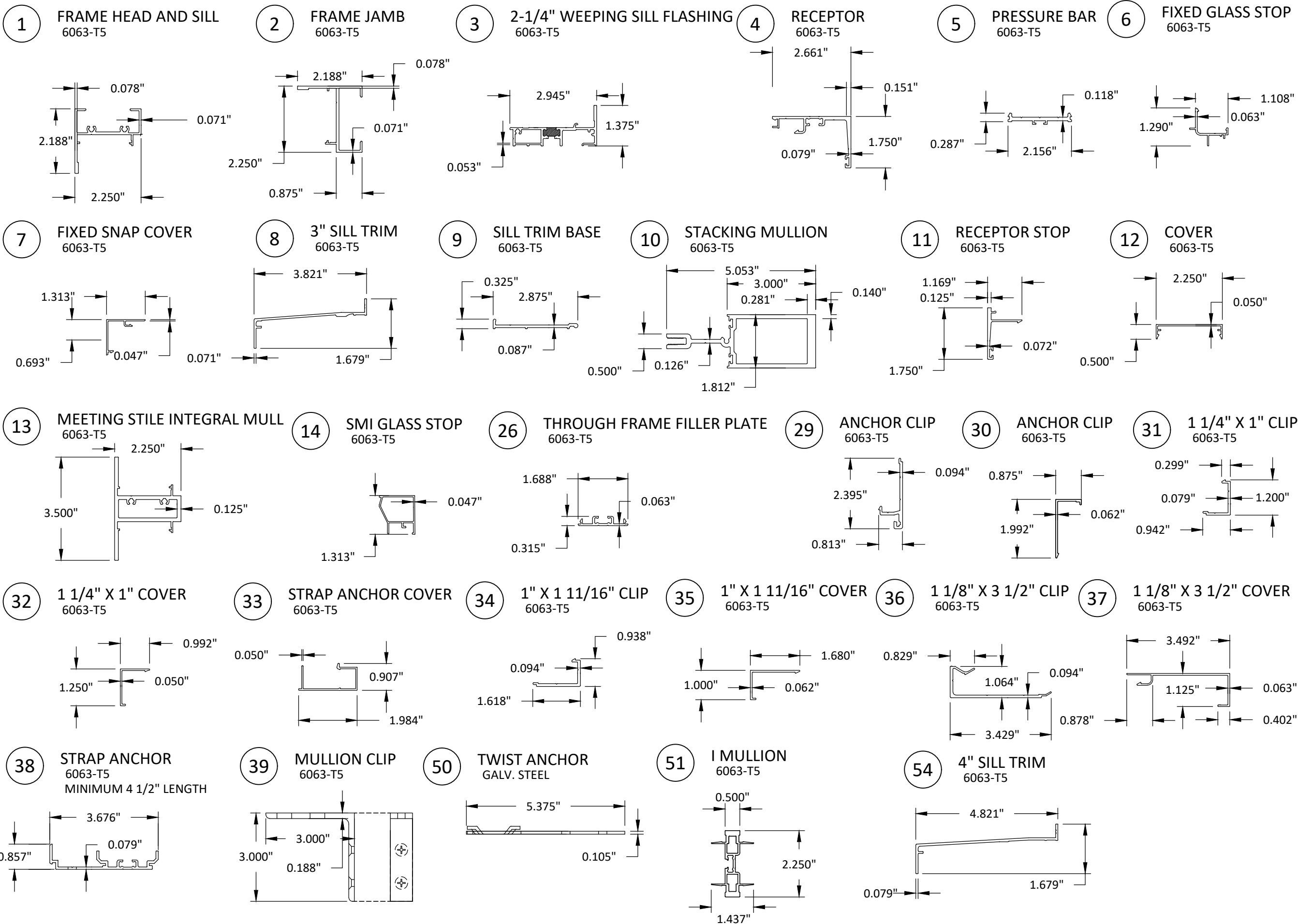
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TITLE: YOW 225 H NON-THERMAL ALUMINUM FIXED WINDOW (WZ3) (IMPACT) COMPONENTS

PREPARED BY: BUILDING DROPS, INC.
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LICENSE
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STATE OF FLORIDA
PROFESSIONAL ENGINEER

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