

GLOBAL IMPACT PRODUCTS, LLC

ALUMINUM SINGLE HUNG WINDOW (HVHZ)(IMPACT)

GLOBAL IMPACT
PRODUCTS, LLC
1963 WEST MCNAB RD,
POMPAHO BEACH, FL 33069

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 OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH BASED ON QUANTITIES IN DP CHARTS NOT TO EXCEED THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (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 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- THROUGH FRAME:** FOR INSTALLATION INTO WOOD FRAMING USE USE $1/4$ " DIAMETER ELCO ULTRACONS OF SUFFICIENT LENGTH TO ACHIEVE $1 1/2$ " MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- THROUGH FRAME:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE $1/4$ " DIAMETER ELCO ULTRACONS OF SUFFICIENT LENGTH TO ACHIEVE $1 1/4$ " MINIMUM EMBEDMENT.
- THROUGH FRAME:** FOR INSTALLATION INTO METAL STUD OR APPROVED MULLION USE #14 GR. 2 SELF TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS 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.
 - GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 18 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM ALLOY 6063-T5. MINIMUM WALL THICKNESS OF $1/8$ " (0.125").

GENERAL NOTES:

- 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:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: ALUMINUM 6063-T5/T6
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 6-11 FOR GLAZING DETAILS.

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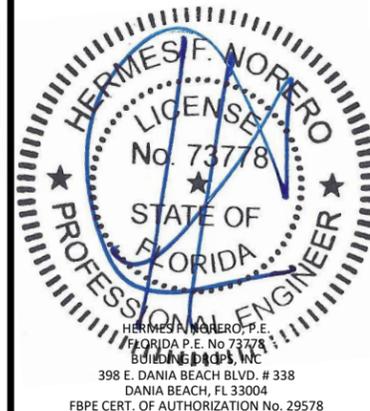
TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT) INSTALLATION & GENERAL NOTES

PREPARED BY:
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REMARKS	BY	DATE

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FL#
FL41564

DATE: **04.28.22**

DWG. BY: **YC** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **GIP001**

SHEET:
1
OF 12

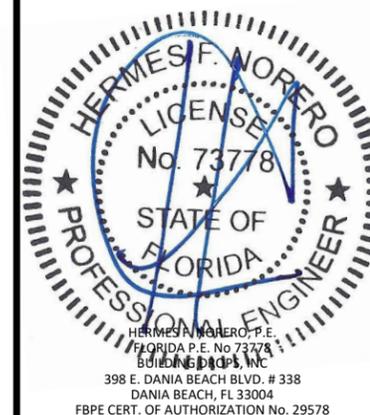
TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT) ELEVATIONS

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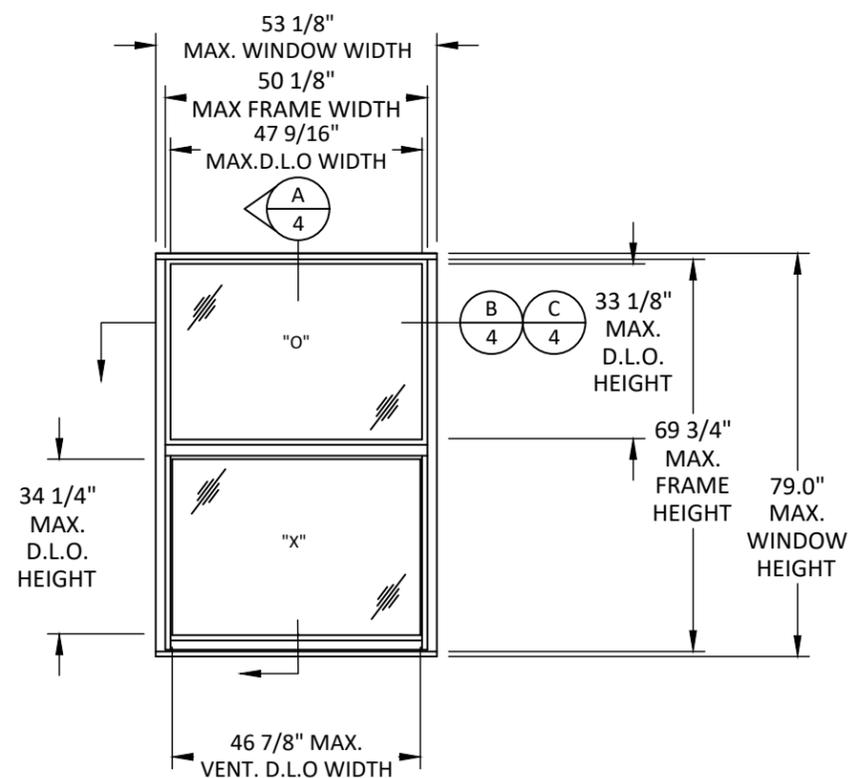
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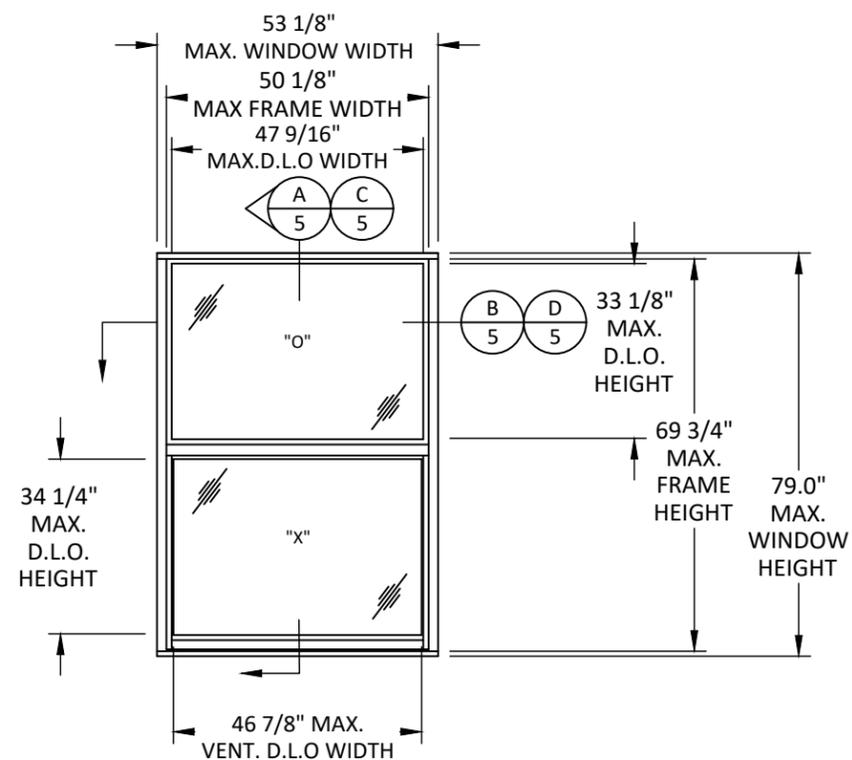
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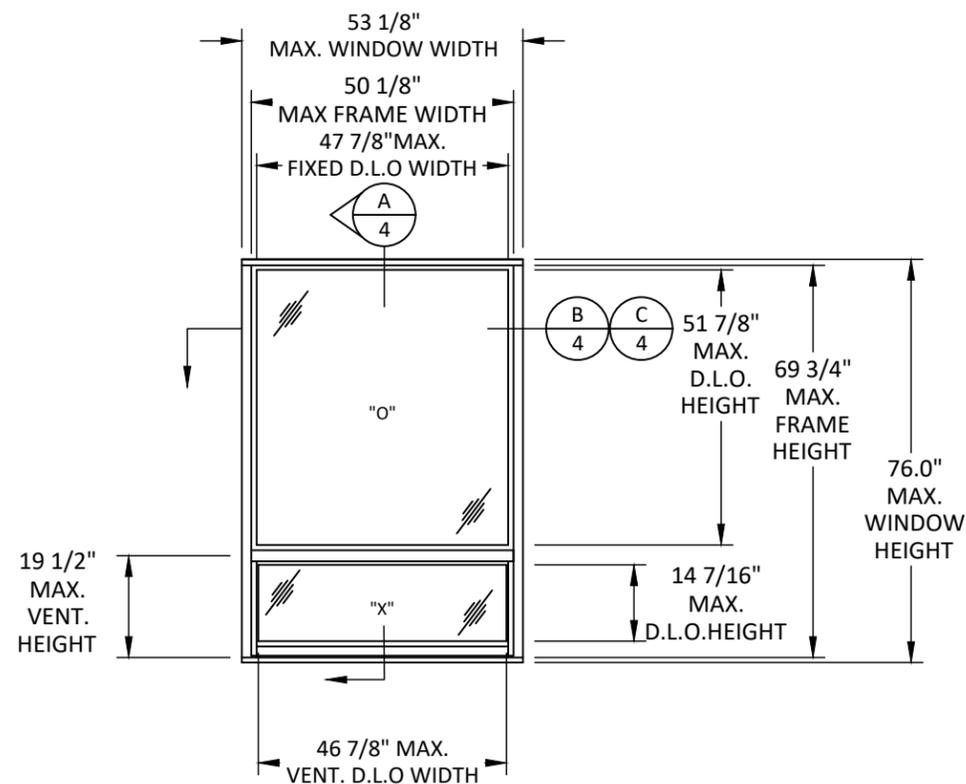
TYPICAL ELEVATION

SINGLE HUNG EQUAL SIZE LAMINATED GLASS



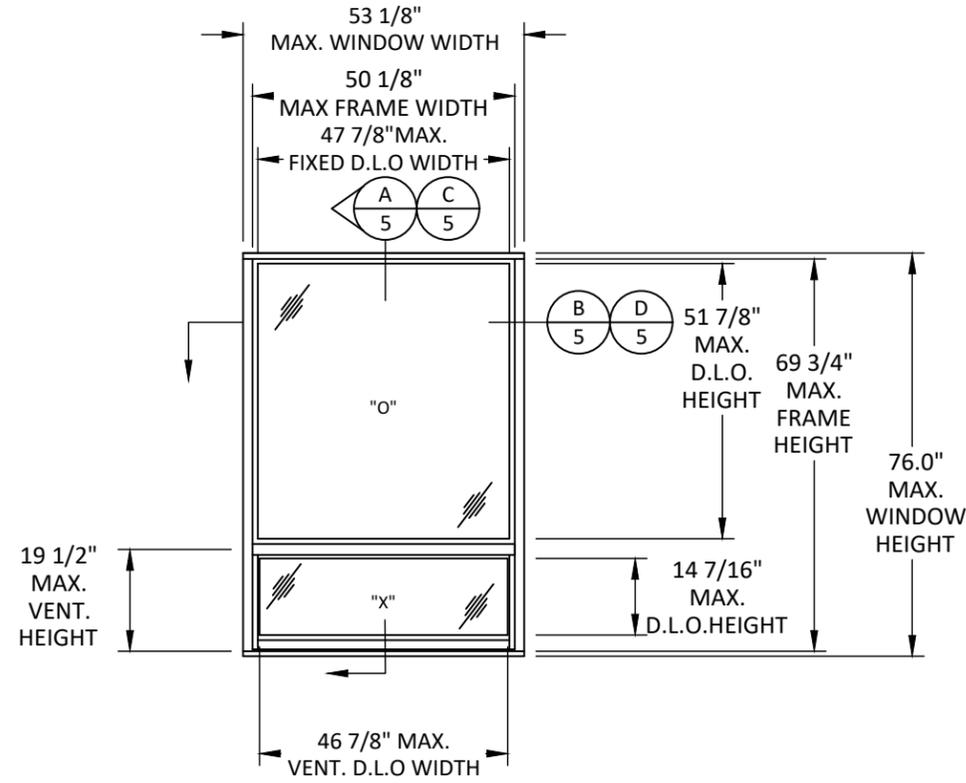
TYPICAL ELEVATION

SINGLE HUNG EQUAL SIZE INSULATED GLASS



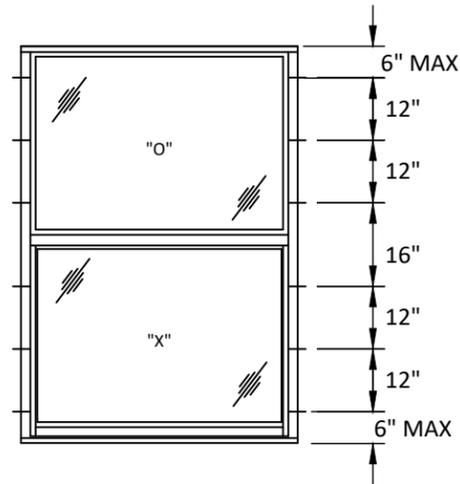
TYPICAL ELEVATION

SINGLE HUNG (ORIEL TYPE) LAMINATED GLASS

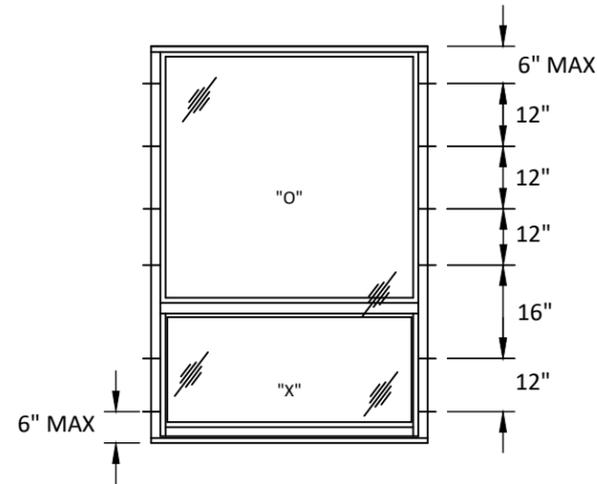


TYPICAL ELEVATION

SINGLE HUNG (ORIEL TYPE) INSULATED GLASS



ANCHOR LAYOUT
 SINGLE HUNG (EQUAL SIZE)



ANCHOR LAYOUT
 SINGLE HUNG (ORIEL TYPE)

ANCHOR SCHEDULE				
ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. EDGE DISTANCE	NOTES
1/4" Ø ULTRACON BY ELCO (F _u =155 KSI, F _y =177 KSI)	CONCRETE AT JAMBS F' _c =3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK AT JAMBS F' _m =2000 PSI MIN.	1.25	2.25	MAY BE USED THROUGH OPTIONAL 1X BUCKS, BY OTHERS
1/4" Ø ULTRACON BY ELCO (F _u =155 KSI, F _y =177 KSI)	MIN. S.G.= 0.55 WOOD	1.5	1.0"	--
#14 SMS OR SELF-TAPPING HWH SCREWS (GRADE 2)	STEEL: 18 GA. MIN., F _y =36 KSI MIN. ALUM.: 1/8" MIN., 6063-T5 MIN.	3 THREADS PENETRATION PAST METAL STRUCTURE	0.75"	STEEL IN CONTACT WITH ALUM. TO BE PLATED OR PAINTED
#12 SMS OR SELF-TAPPING HWH SCREWS (GRADE 5)	INTO MIAMI-DADE APPROVED MULLIONS(MIN. THK= 0.090")(NO SHIM SPACE)			

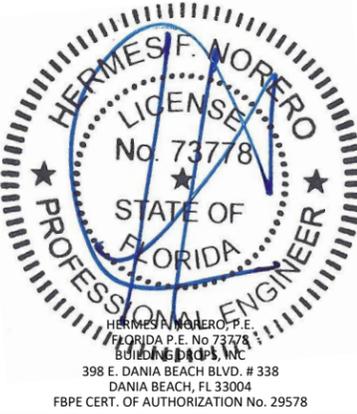
TITLE: ALUMINUM SINGLE HUNG
 WINDOW
 (HVHZ) (IMPACT)
 ANCHOR LAYOUTS

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SHEET: **3** OF 12

GLOBAL IMPACT PRODUCTS, LLC

1963 WEST MCNAB RD,
POMPAÑO BEACH, FL 33069

TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT)

VERTICAL & HORIZONTAL SECTIONS (LAMINATED GLASS)

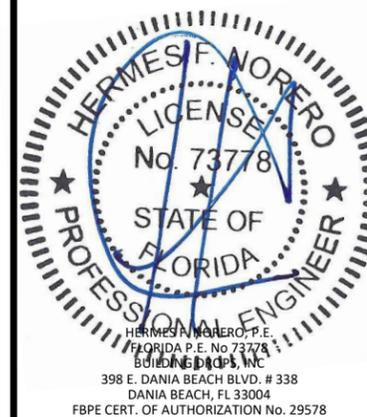
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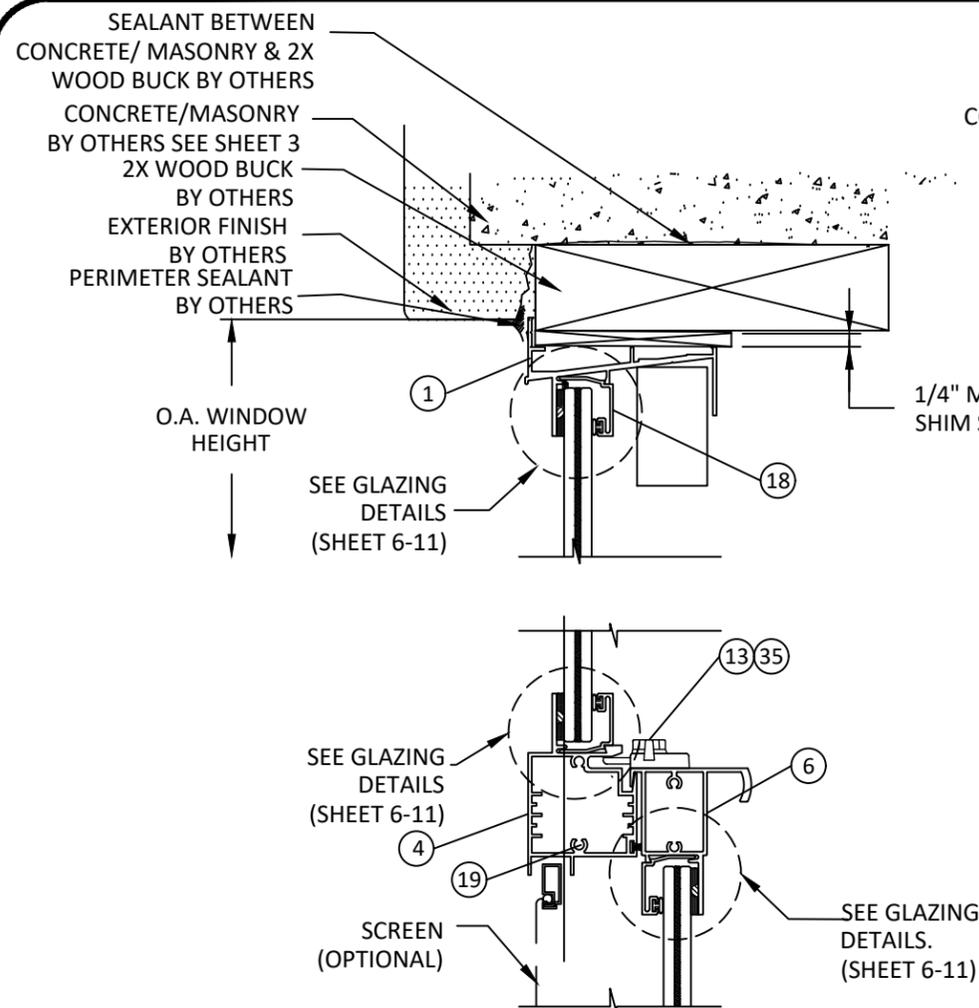
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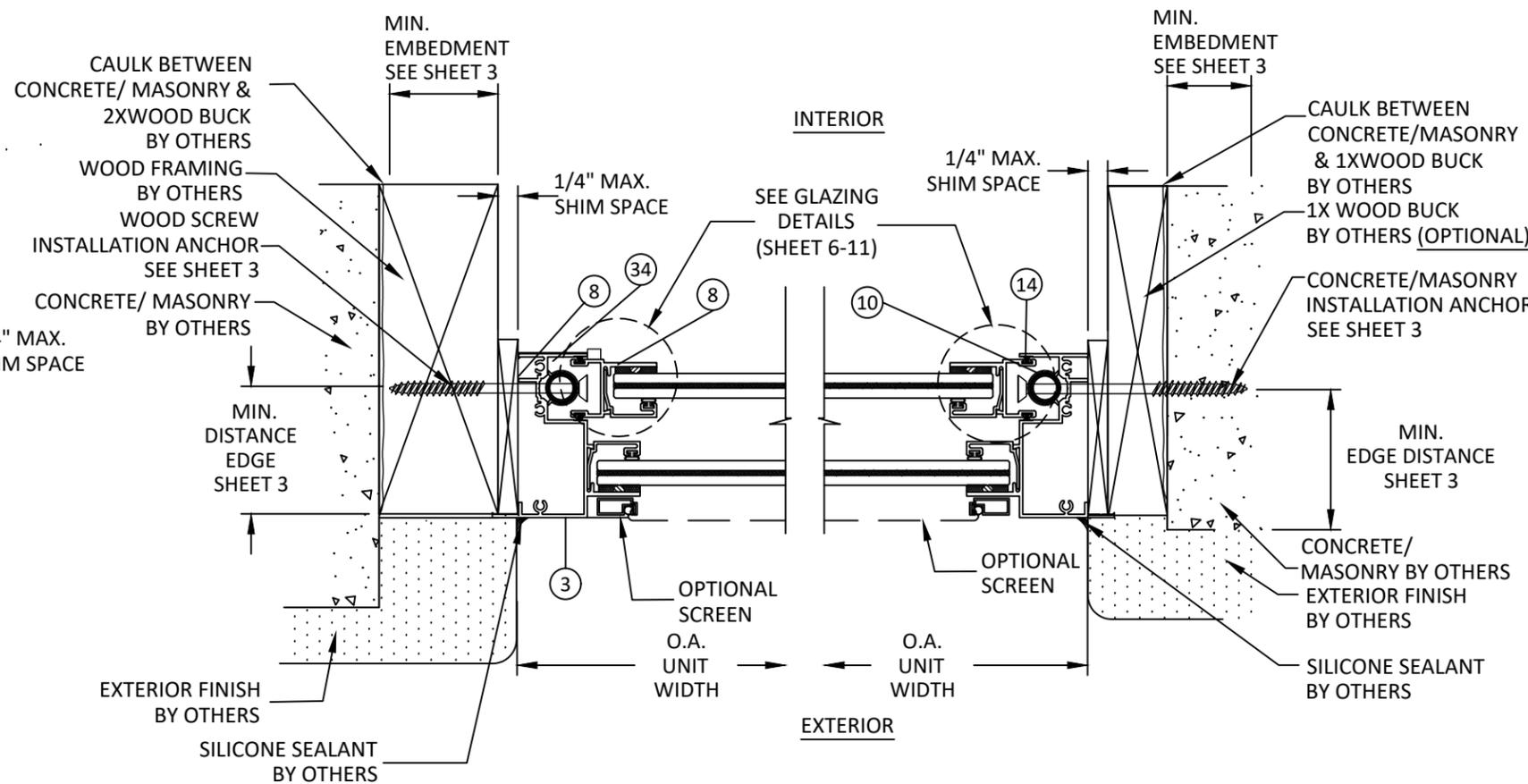
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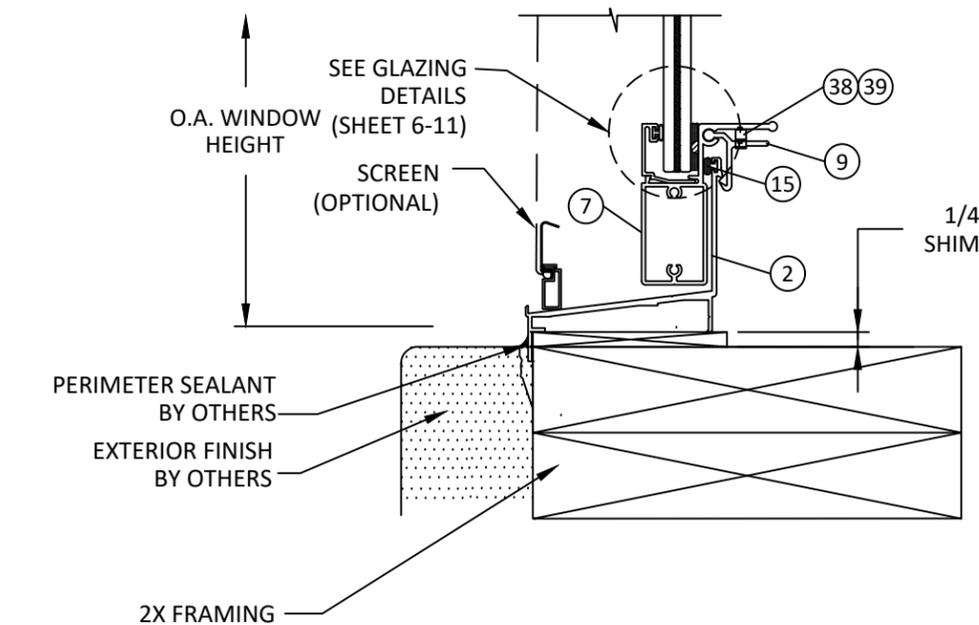
SHEET: **4** OF 12



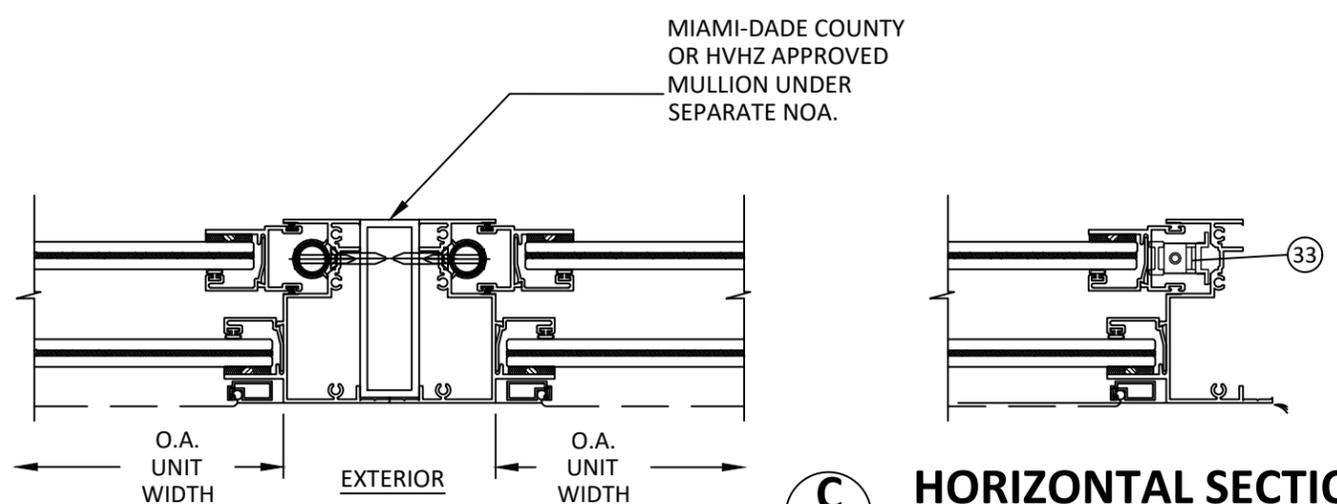
A
4 **VERTICAL SECTION**
2X WOOD FRAMING THROUGH FRAME INSTALLATION



B
4 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY AND WOOD FRAMING THROUGH FRAME INSTALLATION



A
4 **VERTICAL SECTION**
2X WOOD FRAMING THROUGH FRAME INSTALLATION



C
4 **HORIZONTAL SECTION**
ULTRALIFT BALANCE (OPTIONAL)

GLOBAL IMPACT PRODUCTS, LLC

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POMPAÑO BEACH, FL 33069

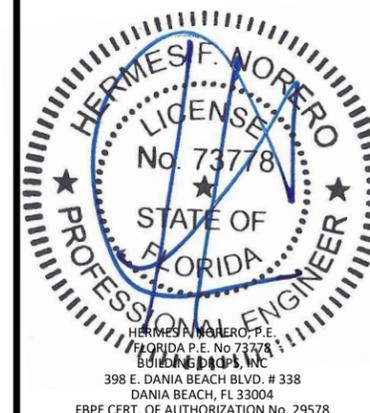
TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT)
VERTICAL & HORIZONTAL SECTIONS (INSULATED GLASS)

PREPARED BY: **BUILDING DROPS, INC.**
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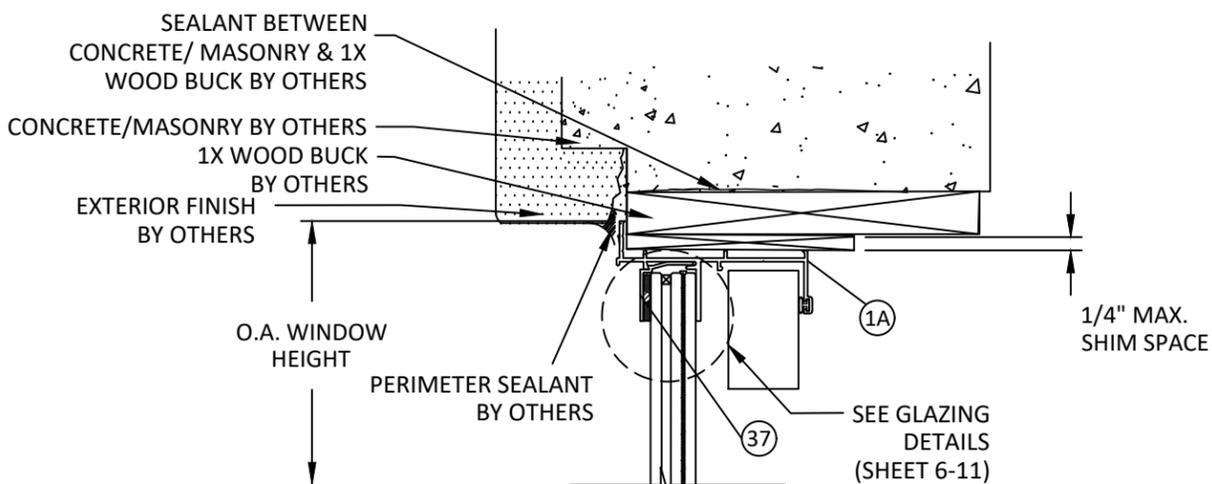


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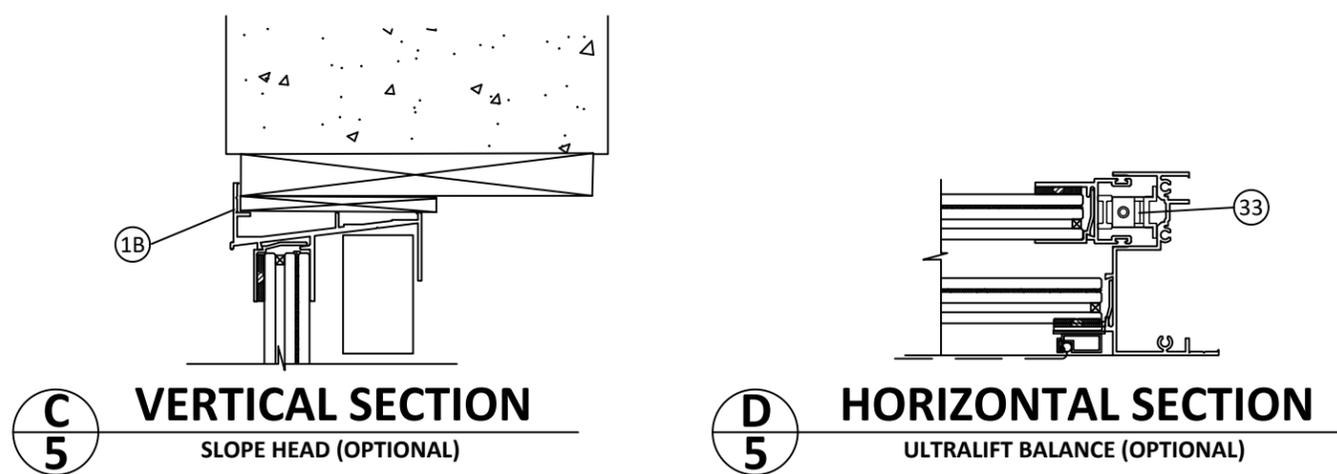
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SHEET:	5

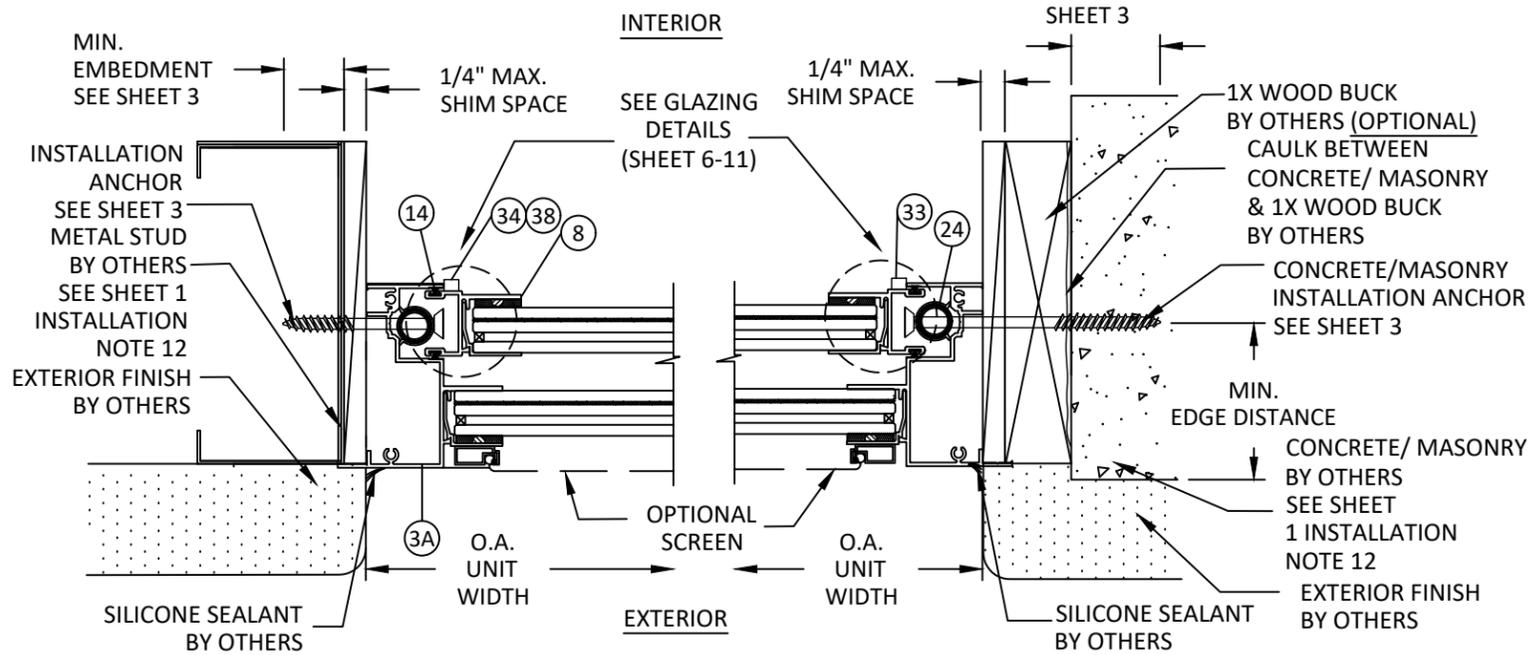
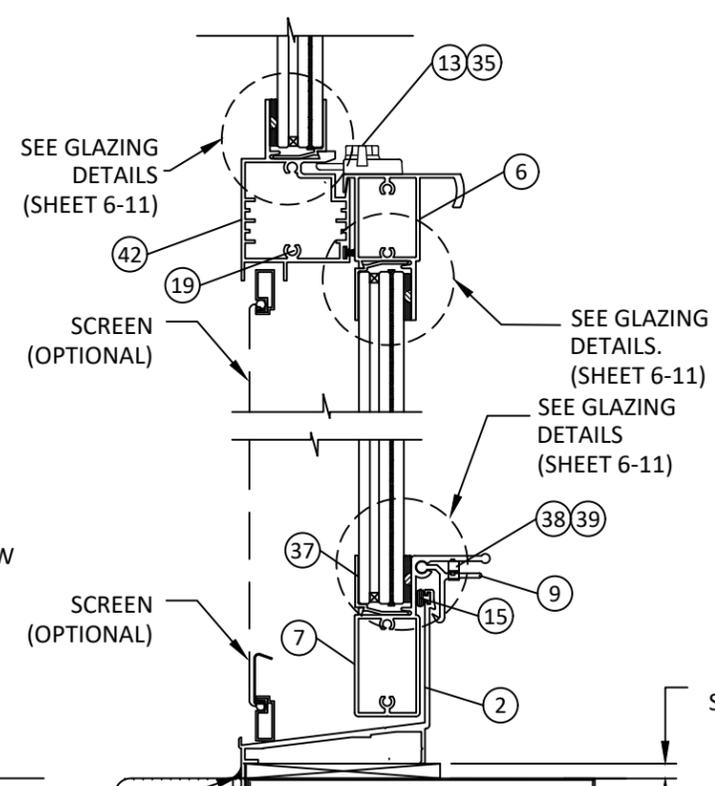


A
5
VERTICAL SECTION
METAL SUBSTRATE THROUGH FRAME INSTALLATION

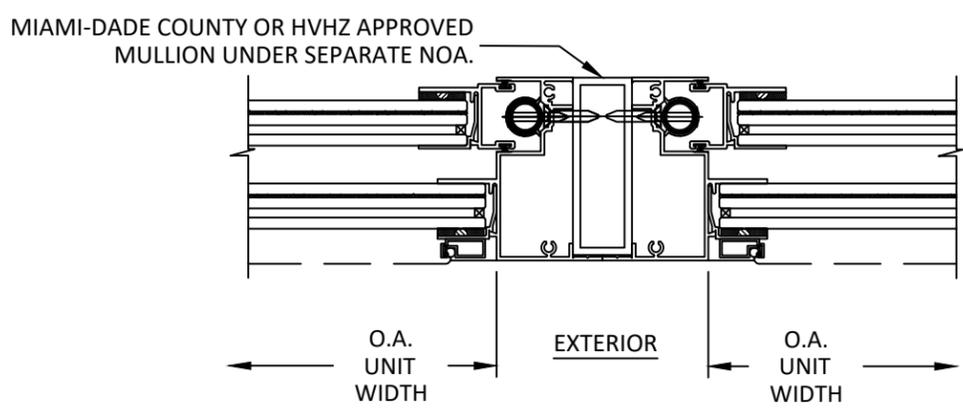


C
5
VERTICAL SECTION
SLOPE HEAD (OPTIONAL)

D
5
HORIZONTAL SECTION
ULTRALIFT BALANCE (OPTIONAL)



B
5
HORIZONTAL SECTION
JAMB-METAL STUD FLANGE FRAME INSTALLATION

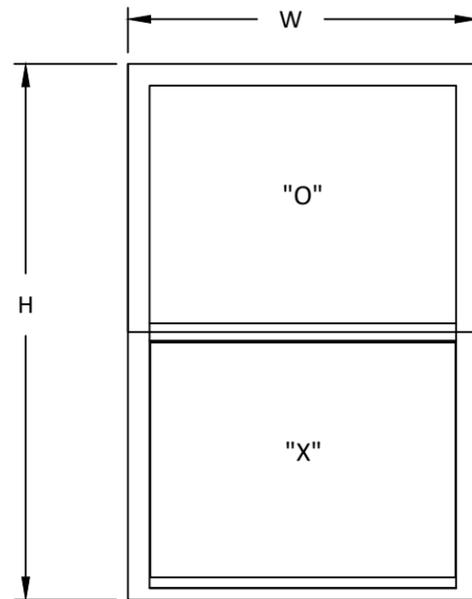


MIAMI-DADE COUNTY OR HVHZ APPROVED MULLION UNDER SEPARATE NOA.

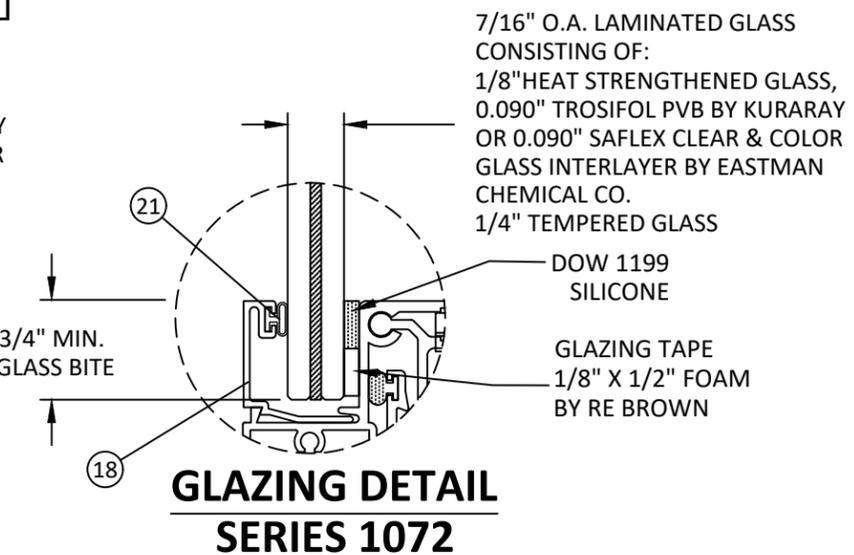
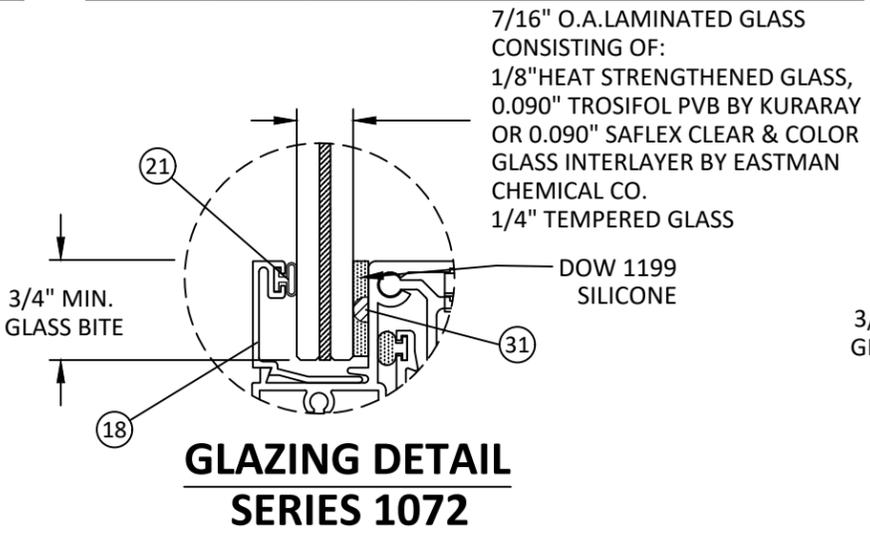
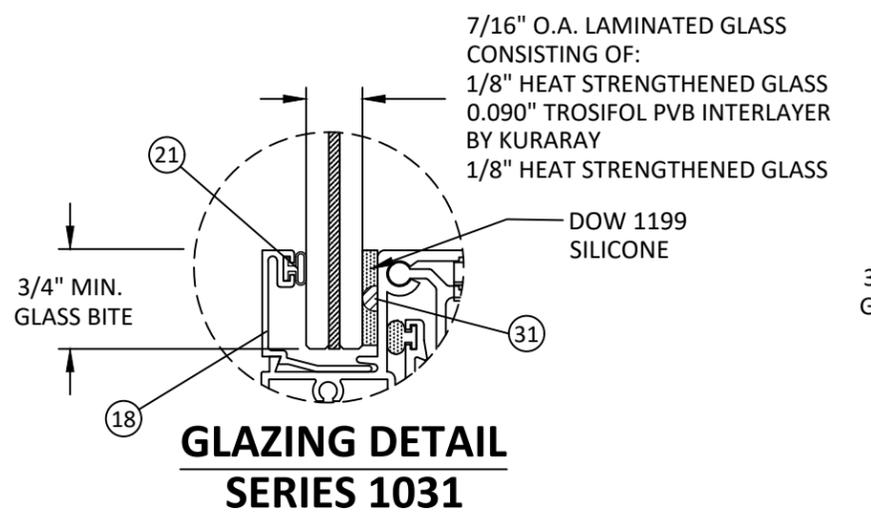
EQUAL LITE SINGLE HUNG WINDOWS(SMI) - DP CAPACITY (PSF)								
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1031		SERIES 1072 DOW 1199		SERIES 1072 DOW 1199 & GLAZING TAPE	
			POS	NEG	POS	NEG	POS	NEG
26.00	19.1	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	24.0	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	26.5	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	32.0	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	37.0	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	40.0	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	48.0	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	53.3	6.0	80.0	90.0	90.0	160.0	90.0	160.0
38.75	19.1	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	24.0	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	26.5	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	32.0	4.0	80.0	90.0	90.0	160.0	90.0	160.0
	37.0	6.0	80.0	90.0	90.0	160.0	90.0	160.0
	40.0	6.0	80.0	90.0	90.0	160.0	90.0	160.0
	48.0	8.0	80.0	90.0	90.0	160.0	90.0	160.0
	53.3	8.0	80.0	90.0	90.0	160.0	90.0	160.0
50.63	19.1	4.00	80.0	90.0	90.0	160.0	90.0	160.0
	24.0	6.00	80.0	90.0	90.0	160.0	90.0	160.0
	26.5	6.00	80.0	90.0	90.0	160.0	90.0	160.0
	32.0	6.00	80.0	90.0	90.0	160.0	90.0	160.0
	37.0	8.00	80.0	90.0	90.0	160.0	90.0	160.0
	40.0	8.00	80.0	90.0	90.0	148.0	90.0	148.0
	48.0	8.00	80.0	90.0	90.0	134.0	90.0	134.0
	53.3	8.00	80.0	90.0	90.0	108.0	90.0	108.0
63.00	19.1	6.00	80.0	90.0	90.0	160.0	90.0	160.0
	24.0	6.00	80.0	90.0	90.0	160.0	90.0	160.0
	26.5	6.00	80.0	90.0	90.0	160.0	90.0	160.0
	32.0	8.00	80.0	90.0	90.0	160.0	90.0	160.0
	37.0	8.00	80.0	90.0	90.0	155.1	90.0	155.1
	40.0	8.00	80.0	90.0	90.0	143.5	90.0	143.5
	48.0	8.00	80.0	90.0	90.0	119.0	90.0	119.0
	53.3	8.00	80.0	90.0	90.0	108.0	90.0	108.0

EQUAL LITE SIZE (SMALL MISSILE IMPACT)

EQUAL LITE SINGLE HUNG WINDOWS(SMI) - DP CAPACITY (PSF)									
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1031		SERIES 1072 DOW 1199		SERIES 1072 DOW 1199 & GLAZING TAPE		
			POS	NEG	POS	NEG	POS	NEG	
76.00	19.1	6	80.0	90.0	90.0	160.0	90.0	160.0	
	24.0	6	80.0	90.0	90.0	160.0	90.0	160.0	
	26.5	8	80.0	90.0	90.0	160.0	90.0	160.0	
	32.0	8	80.0	90.0	90.0	148.0	90.0	148.0	
	37.0	8	80.0	90.0	90.0	128.0	90.0	128.0	
	40.0	8	80.0	90.0	90.0	118.9	90.0	118.9	
	48.0	8	80.0	90.0	90.0	99.1	90.0	99.1	
	53.3	8	80.0	90.0	-	-	-	-	
	84.00	19.1	6	80.0	90.0	90.0	160.0	90.0	160.0
		24.0	8	80.0	90.0	90.0	160.0	90.0	160.0
26.5		8	80.0	90.0	90.0	160.0	90.0	160.0	
32.0		8	80.0	90.0	90.0	134.5	90.0	134.5	
37.0		8	80.0	90.0	90.0	116.3	90.0	116.3	
40.0		8	80.0	90.0	90.0	107.6	90.0	107.6	
48.0		8	80.0	90.0	-	-	-	-	
53.3		8	80.0	90.0	-	-	-	-	
96.00		19.1	9	80.0	90.0	90.0	140.0	90.0	140.0
		24.0	9	80.0	90.0	90.0	140.0	90.0	140.0
	26.5	9	80.0	90.0	90.0	159.0	90.0	159.0	
	32.0	9	80.0	90.0	90.0	132.0	90.0	132.0	
	37.0	9	80.0	90.0	90.0	114.0	90.0	114.0	
	40.0	9	80.0	90.0	90.0	105.0	90.0	105.0	
	48.0	9	80.0	90.0	-	-	-	-	
	53.3	9	80.0	90.0	-	-	-	-	



- GLAZING NOTES:**
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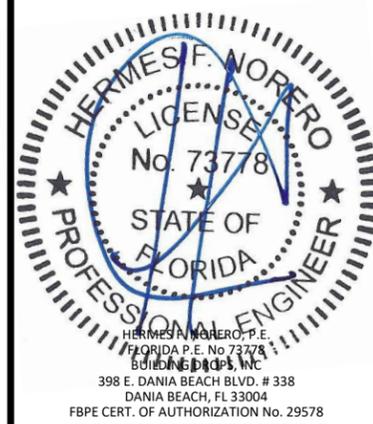
GLOBAL IMPACT PRODUCTS, LLC
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069

TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT)
EQUAL LITE DP TABLES (SMALL MISSILE IMPACT)

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE

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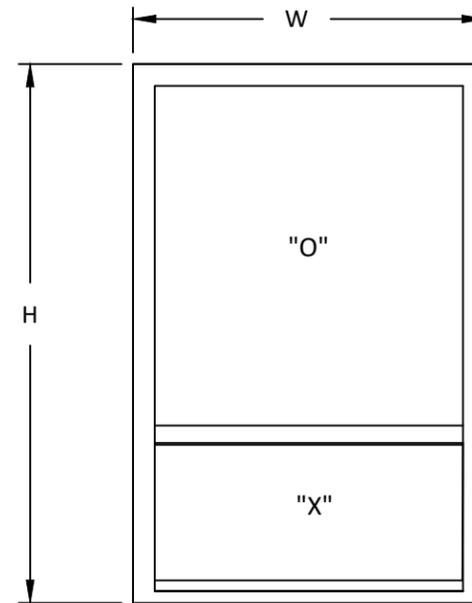


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SCALE:	NTS	
DWG. #:	GIP001	
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	OF 12	

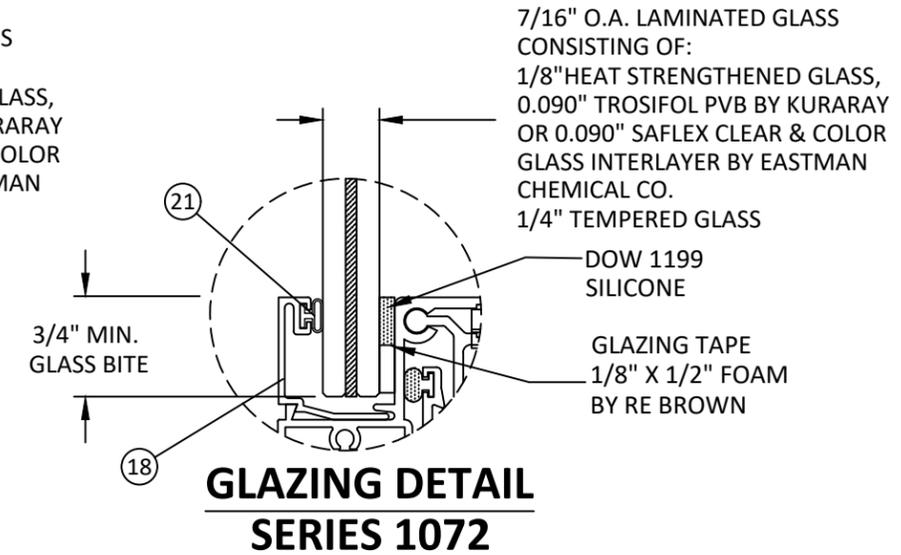
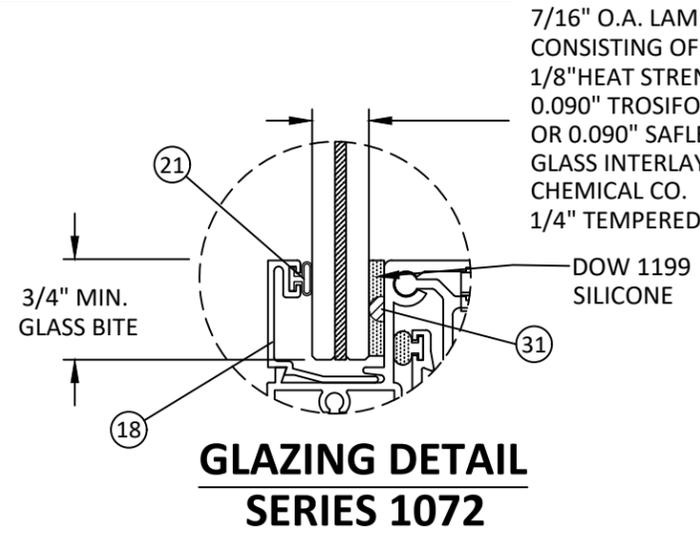
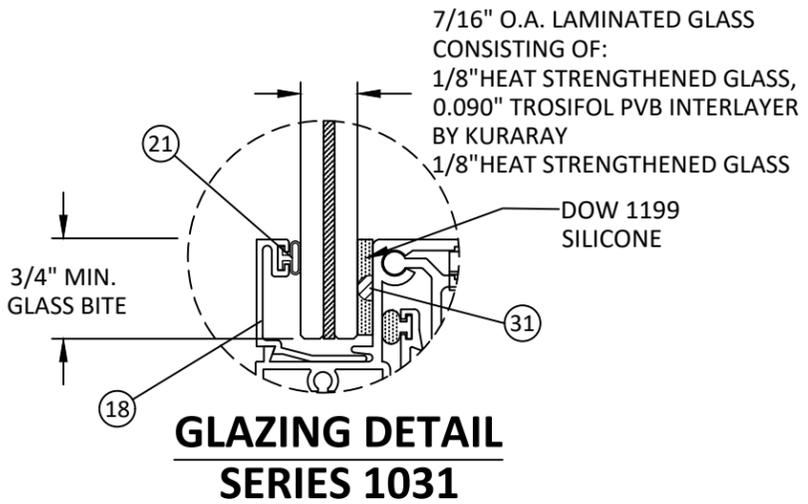
UNEQUAL LITE SINGLE HUNG WINDOWS(SMI) DP CAPACITY (PSF)				
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1031	
50.63	19.1	4	80.0	90.0
	24.0	4	80.0	90.0
	26.5	4	80.0	90.0
	32.0	4	80.0	90.0
	37.0	4	80.0	90.0
	40.0	4	80.0	90.0
	48.0	4	80.0	90.0
53.3	4	80.0	90.0	
63.00	19.1	5	80.0	90.0
	24.0	5	80.0	90.0
	26.5	5	80.0	90.0
	32.0	5	80.0	90.0
	37.0	5	80.0	90.0
	40.0	5	80.0	90.0
	48.0	5	-	-
53.3	5	-	-	
76.00	19.1	6	80.0	90.0
	24.0	6	80.0	90.0
	26.5	6	80.0	90.0
	32.0	6	80.0	90.0
	37.0	6	-	-
	40.0	6	-	-
	48.0	6	-	-
	53.3	6	-	-
84.00	19.1	7	80.0	90.0
	24.0	7	80.0	90.0
	26.5	7	80.0	90.0
	32.0	7	-	-
	37.0	7	-	-
	40.0	7	-	-
	48.0	7	-	-
53.3	7	-	-	
96.00	19.1	8	80.0	90.0
	24.0	8	80.0	90.0
	26.5	8	-	-
	32.0	8	-	-
	37.0	8	-	-
	40.0	8	-	-
	48.0	8	-	-
	53.3	8	-	-

UNEQUAL LITE SIZE (SMALL MISSILE IMPACT)

UNEQUAL LITE SINGLE HUNG WINDOWS(SMI) - DP CAPACITY (PSF)						
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1072 DOW 1199		SERIES 1072 DOW 1199 & GLAZING TAPE	
			POS	NEG	POS	NEG
50.75	19.1	6	90.0	140.0	90.0	140.0
	24.0	6	90.0	140.0	90.0	140.0
	26.5	6	90.0	140.0	90.0	140.0
	32.0	6	90.0	140.0	90.0	140.0
	37.0	6	90.0	128.6	90.0	128.6
	40.0	6	90.0	118.9	90.0	118.9
	48.0	6	90.0	99.1	90.0	99.1
63.00	19.1	7	90.0	140.0	90.0	140.0
	24.0	7	90.0	140.0	90.0	140.0
	26.5	7	90.0	140.0	90.0	140.0
	32.0	7	90.0	134.5	90.0	134.5
	37.0	7	90.0	135.7	90.0	135.7
	40.0	7	90.0	125.6	90.0	125.6
	48.0	7	90.0	104.6	90.0	104.6
76.00	19.1	8	90.0	140.0	90.0	140.0
	24.0	8	90.0	140.0	90.0	140.0
	26.5	8	90.0	140.0	90.0	140.0
	32.0	8	90.0	148.7	90.0	148.7
	37.0	8	90.0	128.6	90.0	128.6
	40.0	8	90.0	118.9	90.0	118.9
	48.0	8	90.0	99.1	90.0	99.1
	53.3	8	90.0	90.0	90.0	90.0



- GLAZING NOTES:**
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GLOBAL IMPACT PRODUCTS, LLC
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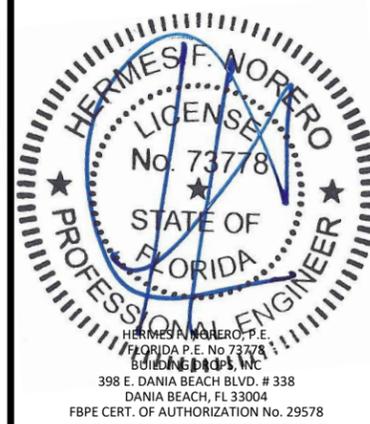
TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT)
 UNEQUAL LITE DPTABLES (SMALL MISSILE IMPACT)

PREPARED BY:
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REMARKS	BY	DATE

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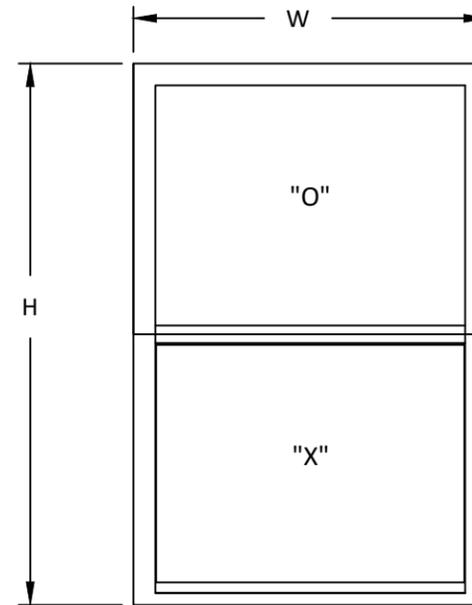


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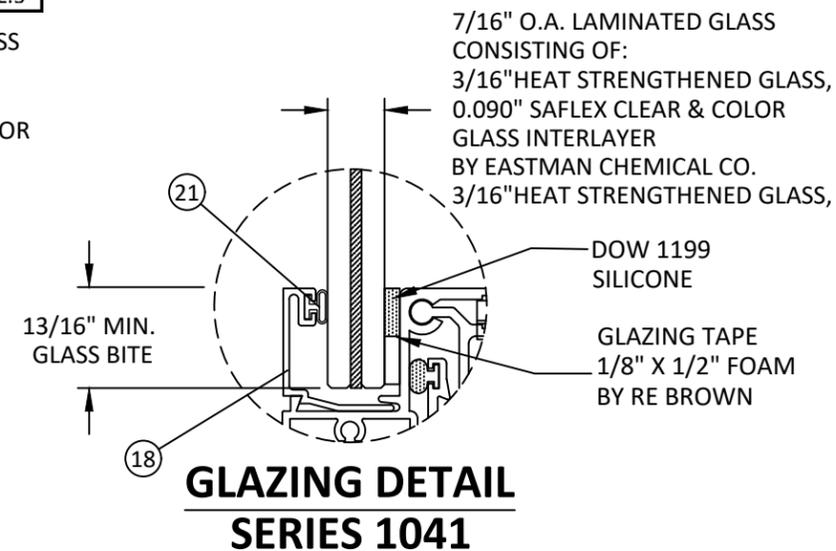
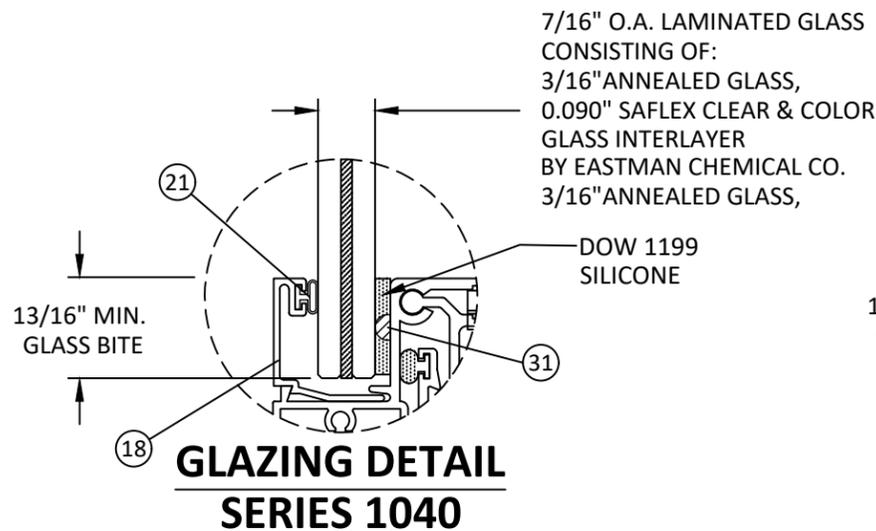
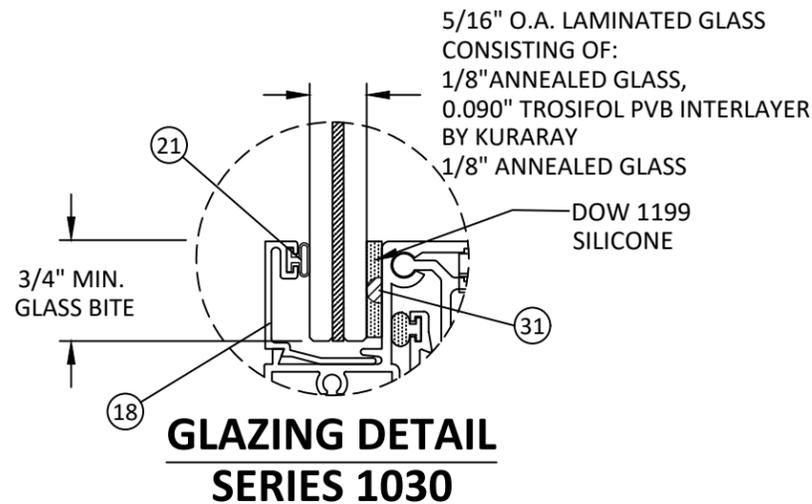
EQUAL LITE SIZE (LARGE MISSILE IMPACT)

EQUAL LITE SINGLE HUNG WINDOWS(LMI) - DP CAPACITY (PSF)								
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1030		SERIES 1040		SERIES 1041	
			POS	NEG	POS	NEG	POS	NEG
26	19.1	3	65.0	72.5	65.0	72.5	65.0	72.5
	24.0	3	65.0	72.5	65.0	72.5	65.0	72.5
	26.5	3	65.0	72.5	65.0	72.5	65.0	72.5
	32.0	3	65.0	72.5	65.0	72.5	65.0	72.5
	37.0	3	65.0	72.5	65.0	72.5	65.0	72.5
	40.0	3	65.0	72.5	65.0	72.5	65.0	72.5
	48.0	3	65.0	72.5	65.0	72.5	65.0	72.5
53.3	3	65.0	72.5	65.0	72.5	65.0	72.5	
38.75	19.1	4	65.0	72.5	65.0	72.5	65.0	72.5
	24.0	4	65.0	72.5	65.0	72.5	65.0	72.5
	26.5	4	65.0	72.5	65.0	72.5	65.0	72.5
	32.0	4	65.0	72.5	65.0	72.5	65.0	72.5
	37.0	4	65.0	72.5	65.0	72.5	65.0	72.5
	40.0	4	65.0	72.5	65.0	72.5	65.0	72.5
	48.0	4	65.0	72.5	65.0	72.5	65.0	72.5
	53.3	4	65.0	72.5	65.0	72.5	65.0	72.5
50.63	19.1	5	65.0	72.5	65.0	72.5	65.0	72.5
	24.0	5	65.0	72.5	65.0	72.5	65.0	72.5
	26.5	5	65.0	72.5	65.0	72.5	65.0	72.5
	32.0	5	65.0	72.5	65.0	72.5	65.0	72.5
	37.0	5	65.0	72.5	65.0	72.5	65.0	72.5
	40.0	5	65.0	72.5	65.0	72.5	65.0	72.5
	48.0	5	65.0	72.5	65.0	72.5	65.0	72.5
	53.3	5	65.0	72.5	65.0	72.5	65.0	72.5
63.00	19.1	6	65.0	72.5	65.0	72.5	65.0	72.5
	24.0	6	65.0	72.5	65.0	72.5	65.0	72.5
	26.5	6	65.0	72.5	65.0	72.5	65.0	72.5
	32.0	6	65.0	72.5	65.0	72.5	65.0	72.5
	37.0	6	65.0	72.5	65.0	72.5	65.0	72.5
	40.0	6	65.0	72.5	65.0	72.5	65.0	72.5
	48.0	6	65.0	72.5	65.0	72.5	65.0	72.5
	53.3	6	65.0	72.5	65.0	72.5	65.0	72.5

EQUAL LITE SINGLE HUNG WINDOWS(LMI) - DP CAPACITY (PSF)								
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1030		SERIES 1040		SERIES 1041	
			POS	NEG	POS	NEG	POS	NEG
76.00	19.1	8	65.0	72.5	65.0	72.5	65.0	72.5
	24.0	8	65.0	72.5	65.0	72.5	65.0	72.5
	26.5	8	65.0	72.5	65.0	72.5	65.0	72.5
	32.0	8	65.0	72.5	65.0	72.5	65.0	72.5
	37.0	8	65.0	72.5	65.0	72.5	65.0	72.5
	40.0	8	65.0	72.5	65.0	72.5	65.0	72.5
	48.0	8	-	-	65.0	72.5	65.0	72.5
	53.3	8	-	-	65.0	72.5	65.0	72.5
	84.00	19.1	8	65.0	72.5	65.0	72.5	65.0
24.0		8	65.0	72.5	65.0	72.5	65.0	72.5
26.5		8	65.0	72.5	65.0	72.5	65.0	72.5
32.0		8	65.0	72.5	65.0	72.5	65.0	72.5
37.0		8	65.0	72.5	65.0	72.5	65.0	72.5
40.0		8	65.0	72.5	65.0	72.5	65.0	72.5
48.0		8	-	-	65.0	72.5	65.0	72.5
53.3		8	-	-	65.0	72.5	65.0	72.5
96.00	19.1	8	65.0	72.5	65.0	72.5	65.0	72.5
	24.0	8	65.0	72.5	65.0	72.5	65.0	72.5
	26.5	8	65.0	72.5	65.0	72.5	65.0	72.5
	32.0	8	65.0	72.5	65.0	72.5	65.0	72.5
	37.0	8	65.0	72.5	65.0	72.5	65.0	72.5
	40.0	8	65.0	72.5	65.0	72.5	65.0	72.5
	48.0	8	-	-	65.0	72.5	65.0	72.5
	53.3	8	-	-	65.0	72.5	65.0	72.5



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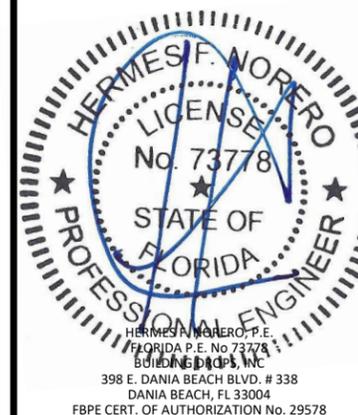
TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT) EQUAL LITE DP TABLES (LARGE MISSILE IMPACT)

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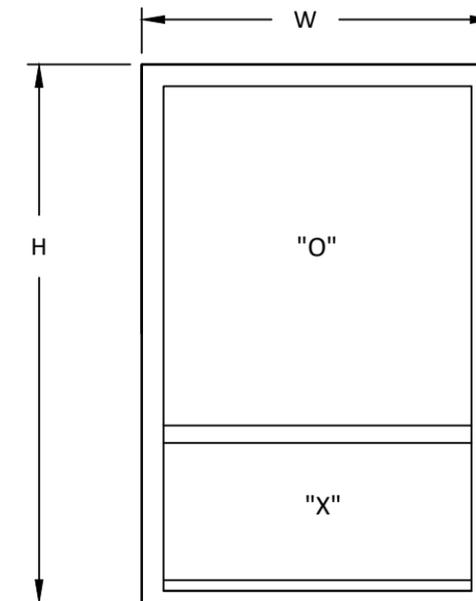


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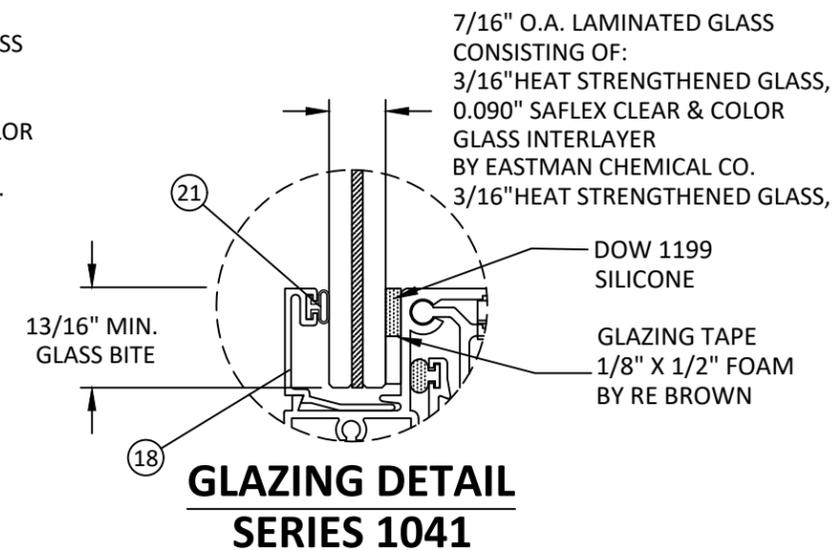
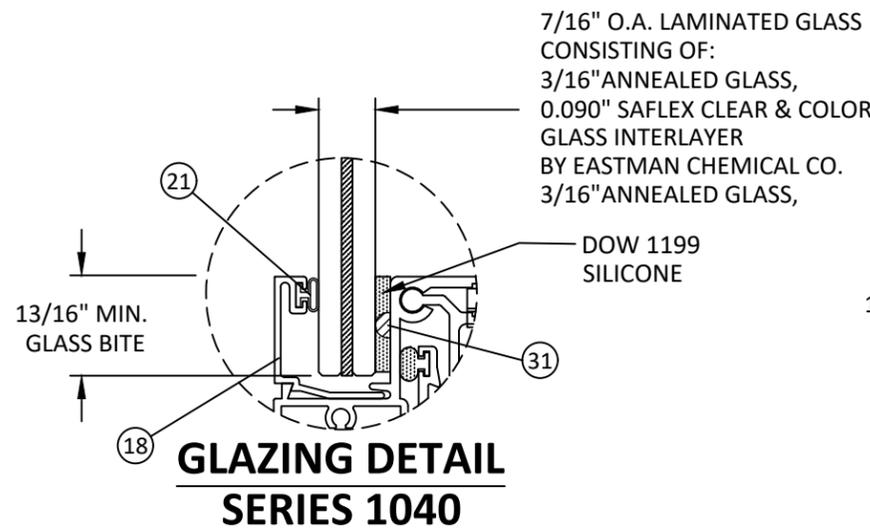
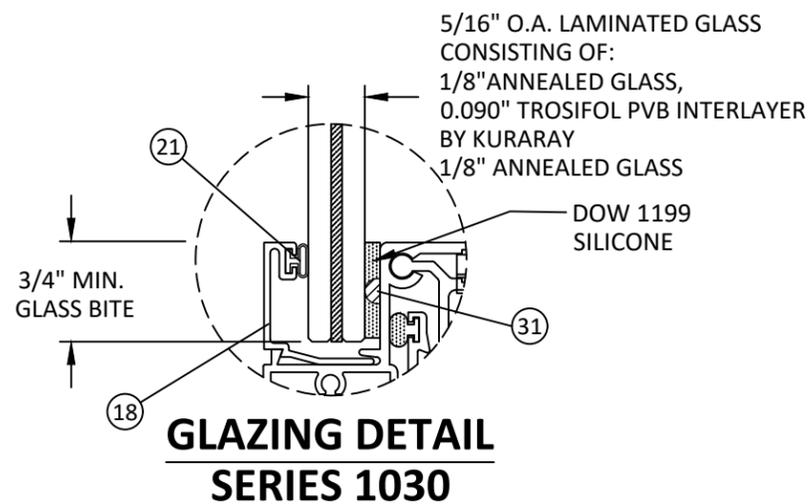
UNEQUAL LITE SIZE (LARGE MISSILE IMPACT)

UNEQUAL LITE SINGLE HUNG WINDOWS(LMI) - DP CAPACITY (PSF)								
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1030		SERIES 1040		SERIES 1041	
			POS	NEG	POS	NEG	POS	NEG
26.00	19.1	3	65.0	72.5	62.0	62.0	65.0	72.5
	24.0	3	65.0	72.5	62.0	62.0	65.0	72.5
	26.5	3	65.0	72.5	62.0	62.0	65.0	72.5
	32.0	3	65.0	72.5	62.0	62.0	65.0	72.5
	37.0	3	65.0	72.5	62.0	62.0	65.0	72.5
	40.0	3	65.0	72.5	62.0	62.0	65.0	72.5
	48.0	3	65.0	72.5	62.0	62.0	65.0	72.5
	53.3	3	65.0	72.5	62.0	62.0	65.0	72.5
38.75	19.1	4	65.0	72.5	62.0	62.0	65.0	72.5
	24.0	4	65.0	72.5	62.0	62.0	65.0	72.5
	26.5	4	65.0	72.5	62.0	62.0	65.0	72.5
	32.0	4	65.0	72.5	62.0	62.0	65.0	72.5
	37.0	4	65.0	72.5	62.0	62.0	65.0	72.5
	40.0	4	65.0	72.5	62.0	62.0	65.0	72.5
	48.0	4	65.0	72.5	62.0	62.0	65.0	72.5
	53.3	4	65.0	72.5	62.0	62.0	65.0	72.5
50.63	19.1	5	65.0	72.5	62.0	62.0	65.0	72.5
	24.0	5	65.0	72.5	62.0	62.0	65.0	72.5
	26.5	5	65.0	72.5	62.0	62.0	65.0	72.5
	32.0	5	65.0	72.5	62.0	62.0	65.0	72.5
	37.0	5	65.0	72.5	62.0	62.0	65.0	72.5
	40.0	5	65.0	72.5	62.0	62.0	65.0	72.5
	48.0	5	65.0	72.5	62.0	62.0	65.0	72.5
	53.3	5	65.0	72.5	62.0	62.0	65.0	72.5
63.00	19.1	6	65.0	72.5	62.0	62.0	65.0	72.5
	24.0	6	65.0	72.5	62.0	62.0	65.0	72.5
	26.5	6	65.0	72.5	62.0	62.0	65.0	72.5
	32.0	6	65.0	72.5	62.0	62.0	65.0	72.5
	37.0	6	65.0	72.5	62.0	62.0	65.0	72.5
	40.0	6	65.0	72.5	62.0	62.0	65.0	72.5
	48.0	6	65.0	72.5	62.0	62.0	65.0	72.5
	53.3	6	65.0	72.5	62.0	62.0	65.0	72.5

UNEQUAL LITE SINGLE HUNG WINDOWS(LMI) - DP CAPACITY (PSF)									
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1030		SERIES 1040		SERIES 1041		
			POS	NEG	POS	NEG	POS	NEG	
76.00	19.1	6	65.0	72.5	62.0	62.0	65.0	72.5	
	24.0	6	65.0	72.5	62.0	62.0	65.0	72.5	
	26.5	6	65.0	72.5	62.0	62.0	65.0	72.5	
	32.0	6	-	-	62.0	62.0	65.0	72.5	
	37.0	6	-	-	62.0	62.0	65.0	72.5	
	40.0	6	-	-	62.0	62.0	65.0	72.5	
	48.0	6	-	-	62.0	62.0	65.0	72.5	
	53.3	6	-	-	62.0	62.0	65.0	72.5	
	84.00	19.1	8	65.0	72.5	62.0	62.0	65.0	72.5
		24.0	8	65.0	72.5	62.0	62.0	65.0	72.5
26.5		8	-	-	62.0	62.0	65.0	72.5	
32.0		8	-	-	62.0	62.0	65.0	72.5	
37.0		8	-	-	62.0	62.0	65.0	72.5	
40.0		8	-	-	62.0	62.0	65.0	72.5	
48.0		8	-	-	62.0	62.0	65.0	72.5	
53.3	8	-	-	62.0	62.0	65.0	72.5		
96.00	19.1	8	65.0	72.5	62.0	62.0	65.0	72.5	
	24.0	8	-	-	62.0	62.0	65.0	72.5	
	26.5	8	-	-	62.0	62.0	65.0	72.5	
	32.0	8	-	-	62.0	62.0	65.0	72.5	
	37.0	8	-	-	62.0	62.0	65.0	72.5	
	40.0	8	-	-	62.0	62.0	65.0	72.5	
	48.0	8	-	-	62.0	62.0	65.0	72.5	
53.3	8	-	-	62.0	62.0	65.0	72.5		



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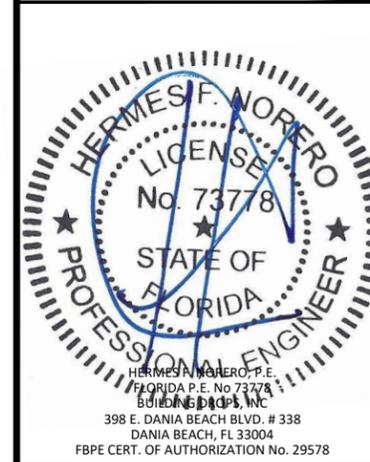
GLOBAL IMPACT PRODUCTS, LLC
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069

TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT) UNEQUAL LITE DP TABLES (LARGE MISSILE IMPACT)

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

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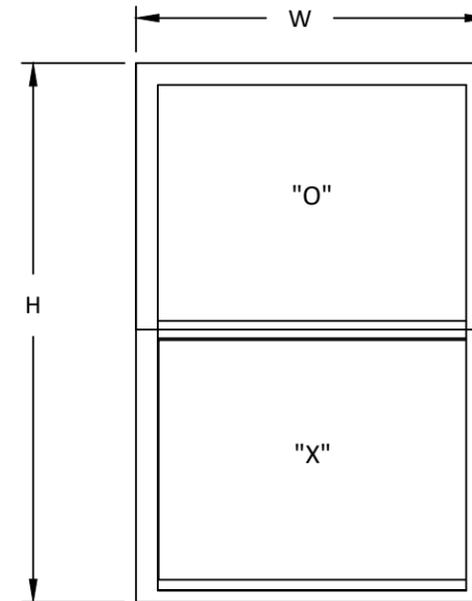


FL#	FL41564	
DATE:	04.28.22	
DWG. BY:	YC	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	GIP001	
SHEET:		

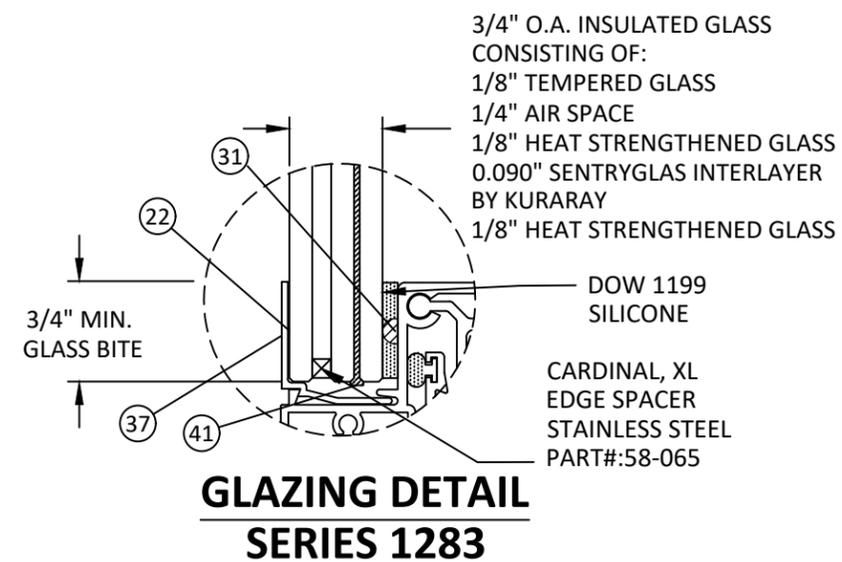
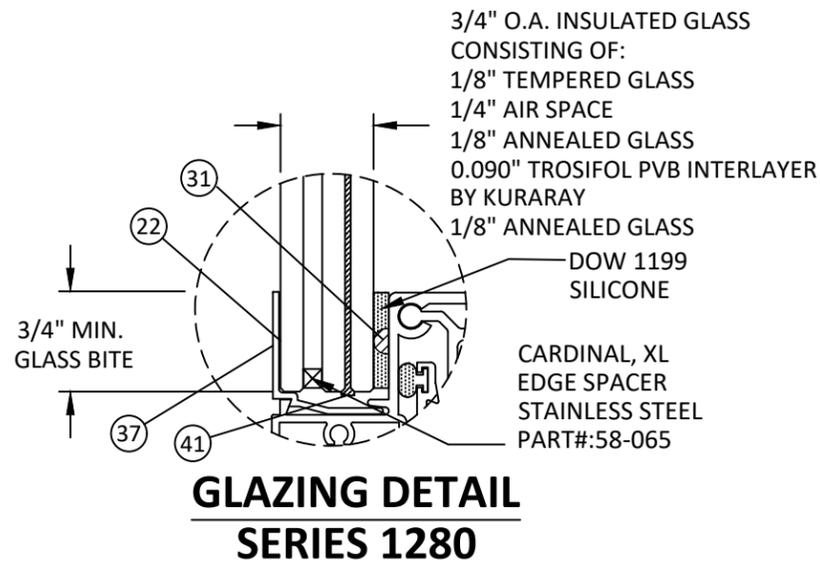
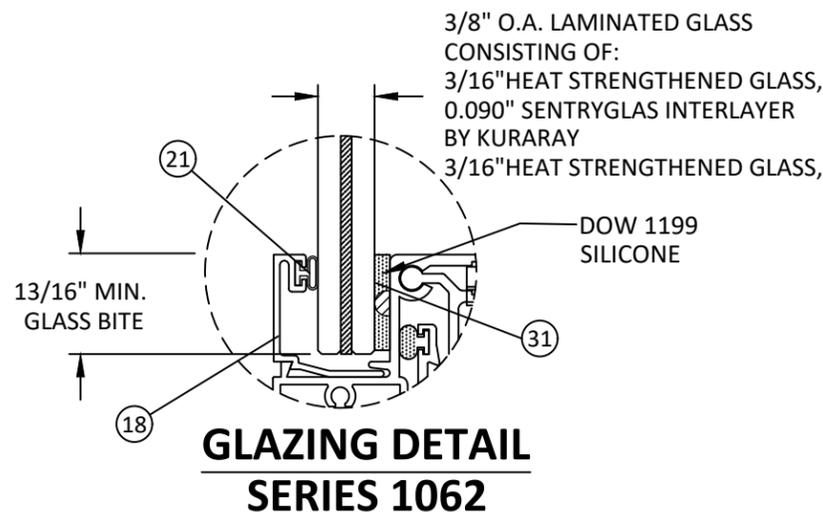
EQUAL LITE SINGLE HUNG WINDOWS(LMI) - DP CAPACITY (PSF)									
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1062		SERIES 1280		SERIES 1283		
			POS	NEG	POS	NEG	POS	NEG	
26.00	19.1	4	90.0	130.0	65.0	72.5	95.0	130.0	
	24.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
	26.5	4	90.0	130.0	65.0	72.5	95.0	130.0	
	32.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
	37.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
	40.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
	48.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
53.3	4	90.0	130.0	65.0	72.5	95.0	130.0		
38.75	19.1	4	90.0	130.0	65.0	72.5	95.0	130.0	
	24.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
	26.5	4	90.0	130.0	65.0	72.5	95.0	130.0	
	32.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
	37.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
	40.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
	48.0	4	90.0	130.0	65.0	72.5	95.0	130.0	
53.3	4	90.0	130.0	65.0	72.5	95.0	130.0		
50.63	19.1	6	90.0	130.0	65.0	72.5	95.0	130.0	
	24.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
	26.5	6	90.0	130.0	65.0	72.5	95.0	130.0	
	32.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
	37.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
	40.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
	48.0	6	90.0	111.6	65.0	72.5	95.0	130.0	
53.3	6	90.0	101.1	65.0	72.5	95.0	130.0		
63.00	19.1	7	90.0	130.0	65.0	72.5	95.0	130.0	
	24.0	7	90.0	130.0	65.0	72.5	95.0	130.0	
	26.5	7	90.0	130.0	65.0	72.5	95.0	130.0	
	32.0	7	90.0	130.0	65.0	72.5	95.0	130.0	
	37.0	7	90.0	130.0	65.0	72.5	95.0	130.0	
	40.0	7	90.0	125.6	65.0	72.5	95.0	130.0	
	48.0	7	90.0	104.6	65.0	72.5	95.0	119.6	
53.3	7	90.0	94.8	65.0	72.5	95.0	119.6		

EQUAL LITE SIZE (LARGE MISSILE IMPACT)

EQUAL LITE SINGLE HUNG WINDOWS(LMI) - DP CAPACITY (PSF)									
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1062		SERIES 1280		SERIES 1283		
			POS	NEG	POS	NEG	POS	NEG	
76.00	19.1	6	90.0	130.0	65.0	72.5	95.0	130.0	
	24.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
	26.5	6	90.0	130.0	65.0	72.5	95.0	130.0	
	32.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
	37.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
	40.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
	48.0	6	90.0	130.0	65.0	72.5	95.0	130.0	
53.3	6	90.0	130.0	65.0	72.5	95.0	130.0		
84.00	19.1	8	90.0	130.0	65.0	72.5	95.0	130.0	
	24.0	8	90.0	130.0	65.0	72.5	95.0	130.0	
	26.5	8	90.0	130.0	65.0	72.5	95.0	130.0	
	32.0	8	90.0	130.0	65.0	72.5	95.0	130.0	
	37.0	8	90.0	130.0	65.0	72.5	95.0	116.0	
	40.0	8	90.0	130.0	65.0	72.5	95.0	107.0	
	48.0	8	-	-	-	-	-	-	
53.3	8	-	-	-	-	-	-		
96.00	19.1	8	90.0	130.0	65.0	72.5	95.0	130.0	
	24.0	8	90.0	130.0	65.0	72.5	95.0	130.0	
	26.5	8	90.0	130.0	65.0	72.5	95.0	130.0	
	32.0	8	90.0	130.0	65.0	72.5	95.0	117.7	
	37.0	8	90.0	130.0	65.0	72.5	95.0	101.8	
	40.0	8	-	-	-	-	-	-	
	48.0	8	-	-	-	-	-	-	
53.3	8	-	-	-	-	-	-		



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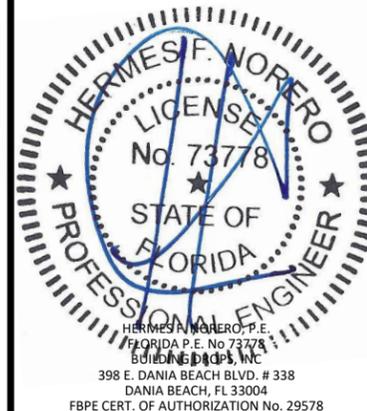
TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT)
EQUAL LITE DP TABLES (LARGE MISSILE IMPACT)

PREPARED BY:
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FL# **FL41564**

DATE: **04.28.22**

DWG. BY: **YC** CHK. BY: **HFN**

SCALE: **NTS**

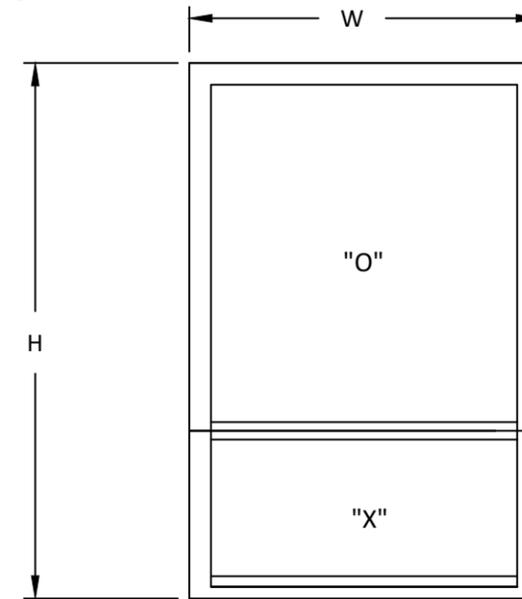
DWG. #: **GIP001**

SHEET: **10** OF 12

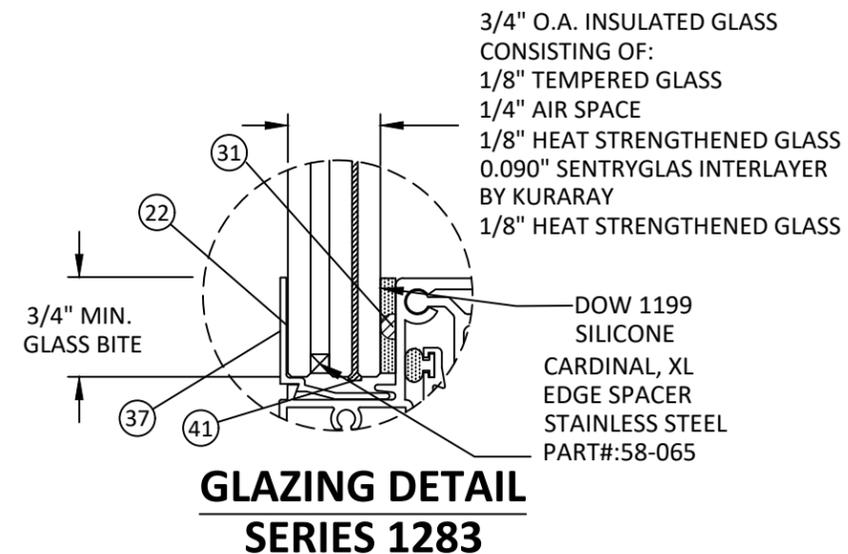
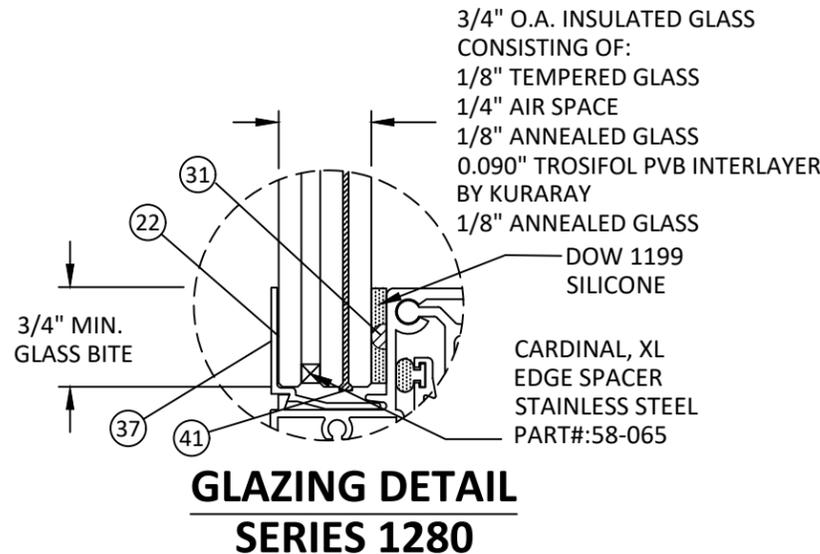
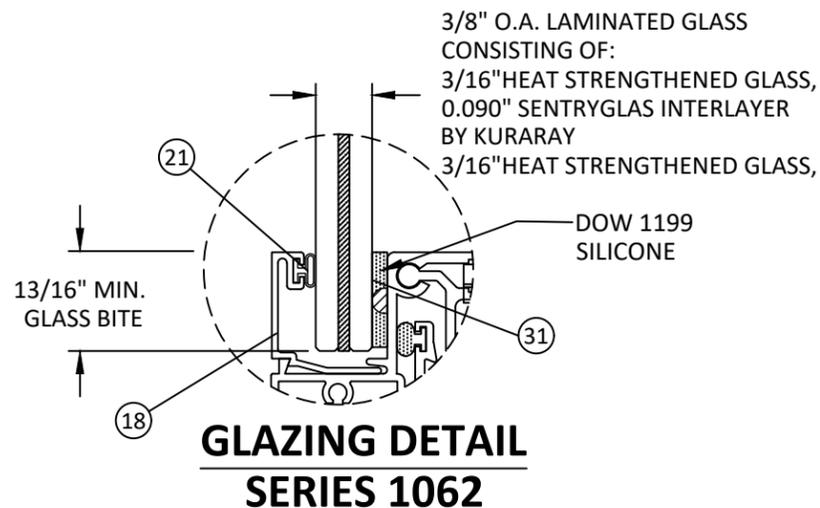
UNEQUAL LITE SIZE (LARGE MISSILE IMPACT)

UNEQUAL LITE SINGLE HUNG WINDOWS(LMI) - DP CAPACITY (PSF)								
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1062		SERIES 1280		SERIES 1283	
			POS	NEG	POS	NEG	POS	NEG
26.00	19.1	4	90.0	130.0	62.0	75.0	90.0	130.0
	24.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	26.5	4	90.0	130.0	62.0	75.0	90.0	130.0
	32.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	37.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	40.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	48.0	4	90.0	130.0	62.0	75.0	90.0	130.0
53.3	6	90.0	130.0	62.0	75.0	90.0	130.0	
38.75	19.1	4	90.0	130.0	62.0	75.0	90.0	130.0
	24.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	26.5	4	90.0	130.0	62.0	75.0	90.0	130.0
	32.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	37.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	40.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	48.0	6	90.0	130.0	62.0	75.0	90.0	130.0
53.3	6	90.0	130.0	62.0	75.0	90.0	130.0	
50.63	19.1	4	90.0	130.0	62.0	75.0	90.0	130.0
	24.0	4	90.0	130.0	62.0	75.0	90.0	130.0
	26.5	6	90.0	130.0	62.0	75.0	90.0	130.0
	32.0	6	90.0	130.0	62.0	75.0	90.0	130.0
	37.0	6	90.0	130.0	62.0	75.0	90.0	130.0
	40.0	8	90.0	130.0	62.0	75.0	90.0	130.0
	48.0	8	90.0	130.0	62.0	75.0	90.0	130.0
53.3	8	90.0	119.0	62.0	75.0	90.0	119.0	
63.00	19.1	4	90.0	130.0	62.0	75.0	90.0	130.0
	24.0	6	90.0	130.0	62.0	75.0	90.0	130.0
	26.5	6	90.0	130.0	62.0	75.0	90.0	130.0
	32.0	8	90.0	130.0	62.0	75.0	90.0	130.0
	37.0	8	90.0	130.0	62.0	75.0	90.0	130.0
	40.0	8	90.0	130.0	62.0	75.0	90.0	130.0
	48.0	8	-	-	-	-	-	-
53.3	8	-	-	-	-	-	-	

EQUAL LITE SINGLE HUNG WINDOWS(LMI) - DP CAPACITY (PSF)								
H (IN.)	W (IN.)	NUMBER OF SCREWS	SERIES 1062		SERIES 1280		SERIES 1283	
			POS	NEG	POS	NEG	POS	NEG
76.00	19.1	6	90.0	130.0	65.0	72.5	95.0	130.0
	24.0	6	90.0	130.0	65.0	72.5	95.0	130.0
	26.5	6	90.0	130.0	65.0	72.5	95.0	130.0
	32.0	6	90.0	130.0	-	-	-	-
	37.0	6	90.0	130.0	-	-	-	-
	40.0	6	90.0	130.0	-	-	-	-
	48.0	6	90.0	130.0	-	-	-	-
53.3	6	90.0	130.0	-	-	-	-	
84.00	19.1	8	90.0	130.0	65.0	72.5	95.0	130.0
	24.0	8	90.0	130.0	65.0	72.5	95.0	130.0
	26.5	8	90.0	130.0	-	-	-	-
	32.0	8	90.0	130.0	-	-	-	-
	37.0	8	90.0	130.0	-	-	-	-
	40.0	8	90.0	130.0	-	-	-	-
	48.0	8	-	-	-	-	-	-
53.3	8	-	-	-	-	-	-	
96.00	19.1	8	90.0	130.0	65.0	72.5	95.0	130.0
	24.0	8	90.0	130.0	-	-	-	-
	26.5	8	90.0	130.0	-	-	-	-
	32.0	8	90.0	130.0	-	-	-	-
	37.0	8	90.0	130.0	-	-	-	-
	40.0	8	-	-	-	-	-	-
	48.0	8	-	-	-	-	-	-
53.3	8	-	-	-	-	-	-	



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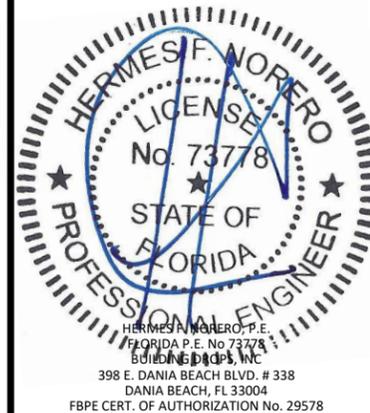
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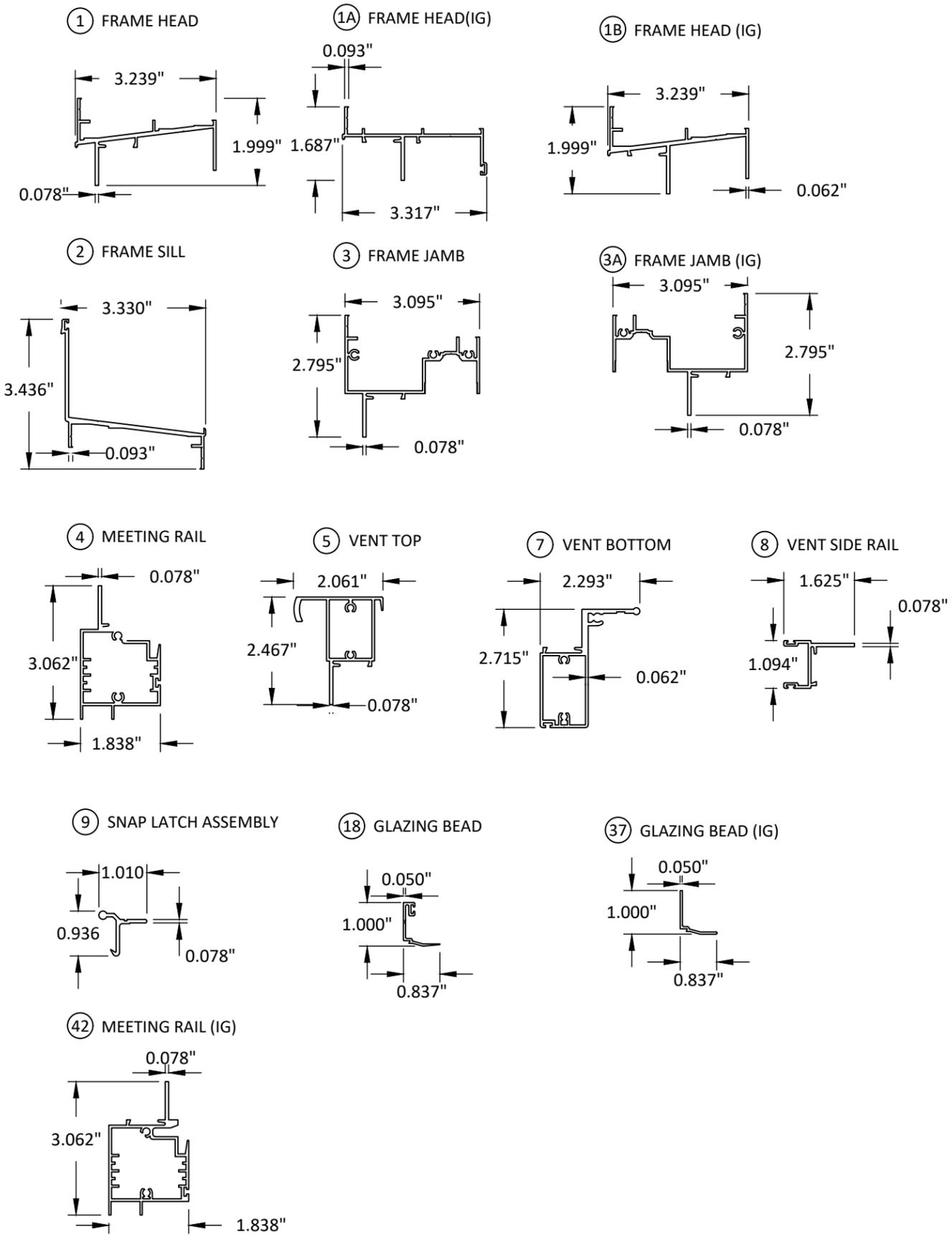
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DATE:	04.28.22	
DWG. BY:	YC	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	GIP001	
SHEET:	11 OF 12	

BILL OF MATERIALS				
ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	021-029	FRAME HEAD	6063-T5	ARCH ALUM
1-A	021-100	FRAME HEAD(FLAT)(IG)	6063-T6	ARCH ALUM
1-B	021-101	FRAME HEAD(SLOPE)(IG)	6063-T6	ARCH ALUM
2	021-002	FRAME SILL	6063-T5 (IG CONFIGURATION TO USE 6063-T6)	ARCH ALUM
3	021-005	FRAME JAMB	6063-T6	ARCH ALUM
3A	021-100	FRAME JAMB	6063-T6	ARCH ALUM
4	022-007	MTG.RAIL	6063-T5	ARCH ALUM
5	022-004	VENT TOP	6063-T5	ARCH ALUM
6	022-004	VENT TOP RIAL	6063-T5	ARCH ALUM
7	022-001	VENT BOTTOM RAIL	6063-T5	ARCH ALUM
8	022-003	VENT SIDE RAIL	6063-T5	ARCH ALUM
9	021-067	SNAP LATCH ASSEMBLY		ARCH ALUM
10	006-001	ULTRA LIFT BALANCE		CALDWELL MFG
11	004-005	UEK BRACKET	STEEL	CALDWELL MFG
12	010-001	SASH STOP	RIGID VINYL	MASTER TOOL
13	004-002	SWEEP LOCK	METAL	SULLIVAN & ASSOCIATES
14	016-005	FIN SEAL	WOOL PILE	ARCH ALUM
15	023-001	FILLED BULB VINYL		ARCH ALUM
16	015-009	CHIMNET PLUG	CLOSED CELL	ARCH ALUM
17	006-014	# 8 X 1 PPHS SMS	ST/ST	ARCH ALUM
18	021-011	7/16" GLAZING BEAD	6063-T5	ARCH ALUM
19	008-031	# 10 X 1 PPHS SMS	ST/ST	
20	012-001	SEAM SEALER	ACRYLIC	SCHNEE MOREHEAD
21	015-001	BULB GASKET	VINYL	MASTER TOOL
22	015-007	WEDGE GASKET	VINYL	
23	021-008	SNAP LATCH	6063-T5	ARCH ALUM
24	024-000	BLOCK & TACKEL BALANCE		CALDWELL MFG
28	008-010	#8X 1/2 UCFHPS SMS	ST/ST	
29	008-017	#8 X 1/4 FHPH SMS	ST/ST	
30	015-006	0.150 SPACER	VINYL	FRANK LOWE RUBBR
31	015-012	.4 X .4 X .1 SPACER	VINYL	FRANK LOWE RUBBR
32	012-004	DOW 1199	SILICONE	DOW CORNING
33	010-010	SASH GUIDE TOP	RIGID PVB	M & M PLASTIC
34	010-011	SASH GUIDE BOTTOM	RIGID PVB	M & M PLASTIC
35	008-002	#6 X 1/2 FHPH SMS		
36	003-001	ROLL FORM SCREEN FRAME	ALUMINUM	FLORIDA SCREEN
37	021-105	GLAZING BEAD (I.G.)	6063-T5	ARCH ALUM
38	010-016	LATCH SPRING COVER	NYLON	M & M PLASTIC
39	006-001	LATCH SPRING	ST/ST	INDUSTRIAL SPRING
41	-	SETTING BLOCK AT 1/4 POINT	EPDM	DUROMETER
42	022-102	MEETING RAIL	6063-T5	



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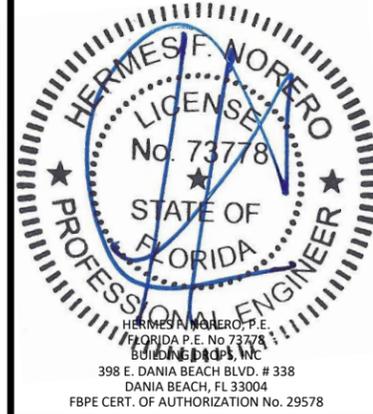
TITLE: ALUMINUM SINGLE HUNG WINDOW (HVHZ) (IMPACT) COMPONENTS & BILL OF MATERIALS

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