

EUROCRAFT INDUSTRIES INC.

100 SERIES FIXED WINDOW

(IMPACT) (HVHZ)

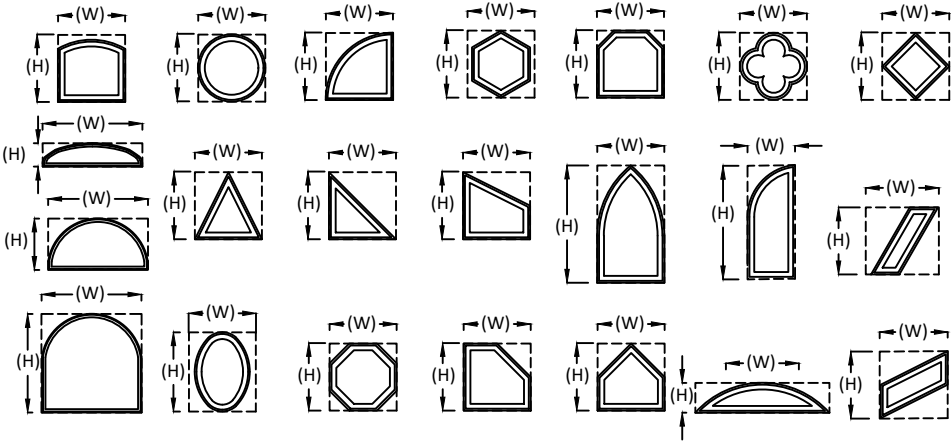
GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - ASTM E331-00 (09)
 - ASTM E283-04
 - ASTM E1886-13a
 - ASTM E1996-14a
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. WINDOW FRAME MATERIAL: ALUMINUM 6063-T6
8. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAILS.

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DESIGN PRESSURE TABLE		
GLAZING TYPES	MAX. DESING PRESSURE	IMPACT RATING
G1, G2, G3, G4, G5 & G6	SEE SHEET 2 FOR DESIGN PRESSURE TABLE	LMI / SMI

QUALIFIED SHAPES



UNITS OF ANY SHAPE ARE ALLOWED PROVIDED CONSTRUCTION, GLAZING, & ANCHORAGE ARE PER DETAILS SHOWN HEREIN. ALL SHAPED UNITS SHALL FIT WITHIN THE RECTANGULAR AREAS AS SHOWN.

- MAXIMUM W = 60"
- MAXIMUM H = 120"
- MAXIMUM DP = SEE SHEET 2 FOR DESIGN PRESSURE



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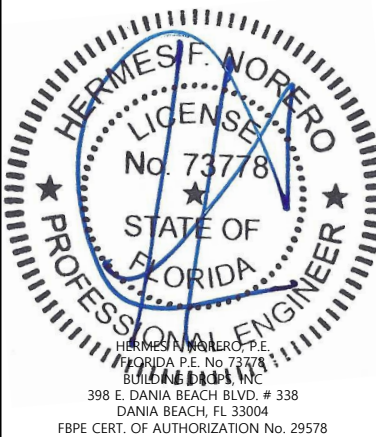
TITLE: 100 SERIES FIXED WINDOW (IMPACT) (HVHZ)
GENERAL NOTES & QUALIFIED SHAPES

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
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REMARKS	BY	DATE
A-ADD' SHAPES	YC	08/20

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FL#: FL30977

DATE: 12.08.19

DWG. BY: RV
CHK. BY: HFN

SCALE: NTS

DWG. #: ECI022

SHEET:

1

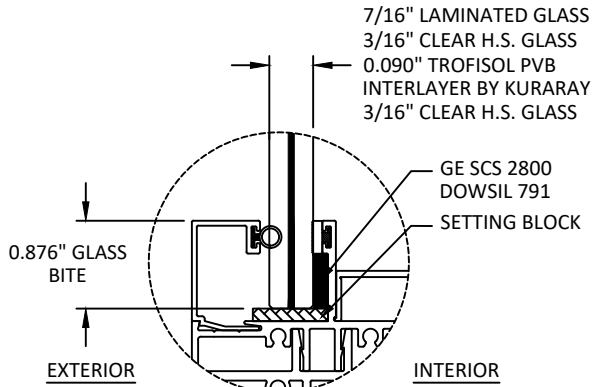
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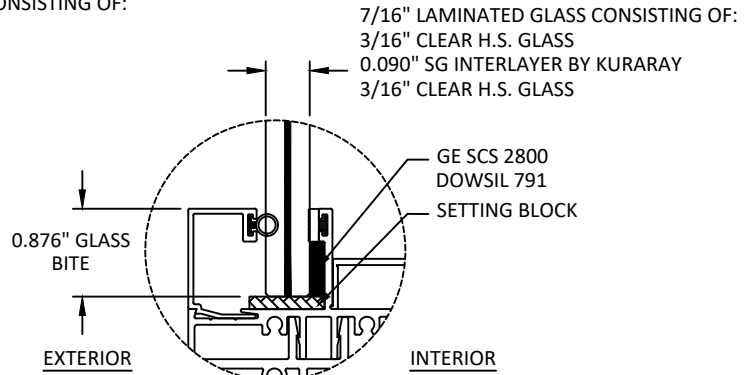
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		GLASS LOAD CAPACITY (+/- PSF)					
WINDOW DIMENSIONS		GLASS CONFIGURATIONS					
WIDTH (IN)	HEIGHT (IN)	G1	G2	G3	G4	G5	G6
24	66	120	140	160	180	120	140
30		120	140	160	180	120	140
36		120	140	160	180	120	140
42		120	140	160	180	120	140
48		120	140	160	180	120	140
54		107	124	142	160	107	124
60		96	112	128	144	96	112
66	72	87	102	102	131	87	102
24		120	140	160	180	120	140
30		120	140	160	180	120	140
36		120	140	160	180	120	140
42		120	140	160	180	120	140
48		120	140	160	180	120	140
54		107	124	142	160	107	124
60		96	112	112	144	96	112
66	78	68	91	87	114	68	90
24		120	140	160	180	120	140
30		120	140	160	180	120	140
36		120	140	160	180	120	140
42		120	140	160	180	120	140
48		120	140	160	180	120	140
54		107	124	124	160	107	124
60	84	75	100	95	125	75	100
66		68	91	87	114	68	90
24		120	140	160	180	120	140
30		120	140	160	180	120	140
36		120	140	160	180	120	140
42		120	140	160	180	120	140
48		120	140	158	180	120	140
54	90	107	124	124	160	107	124
60		75	100	95	125	75	100
66		68	91	87	114	68	90
24		120	140	160	180	120	140
30		120	140	160	180	120	140
36		120	140	160	180	120	140
42		120	140	157	180	120	140
48	96	120	140	140	180	120	140
54		83	111	106	139	83	111
60		75	100	95	125	75	100
66		68	91	87	114	68	90
24		120	140	160	180	120	140
30		120	140	160	180	120	140
36		120	140	160	180	120	140
42	102	120	140	149	180	120	140
48		111	140	140	174	119	140
54		83	111	106	139	83	111
60		75	100	96	125	75	100
24		120	140	140	180	120	140
30		120	140	140	180	120	140
36		120	140	140	169	120	140
42	108	107	140	136	150	107	140
48		94	125	120	137	94	125
54		83	111	106	128	83	111
24		120	140	140	180	120	140
30		120	140	140	180	120	140
36		119	140	140	180	119	140
42		105	136	135	174	105	136
48	114	94	125	120	156	94	125
54		83	111	106	139	83	111
24		120	140	140	180	120	140
30		120	140	140	180	120	140
36		114	136	136	174	116	136
42		101	128	128	161	103	128
48		92	120	116	152	93	122
50	120	84	109	103	134	90	117

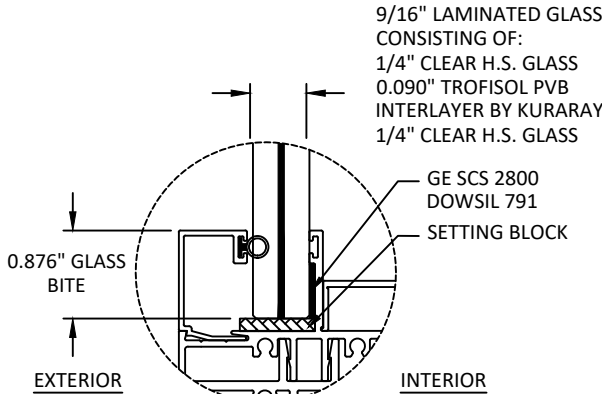
NOTE: THE WINDOW DIMENSIONS SHOWN IN THE GLASS LOAD CAPACITY TABLE REPRESENT THE SINGLE WINDOW FRAME DIMENSIONS (D.L.O + FRAME WIDTH)



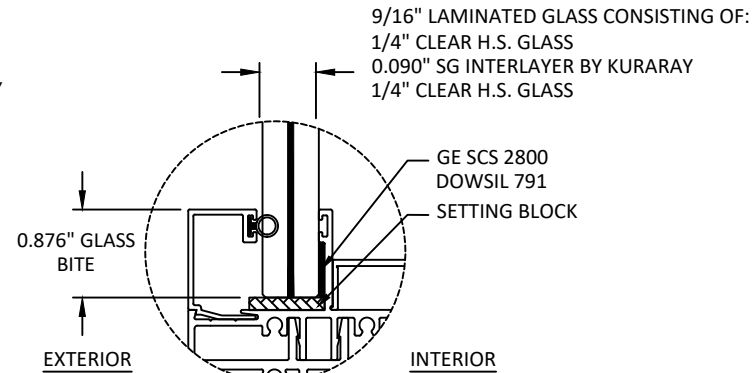
GLAZING DETAIL G1



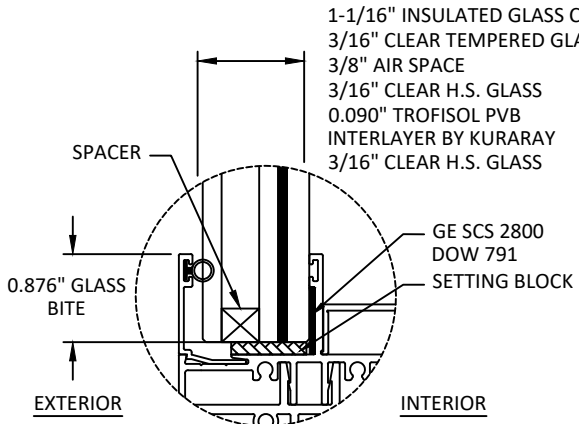
GLAZING DETAIL G2



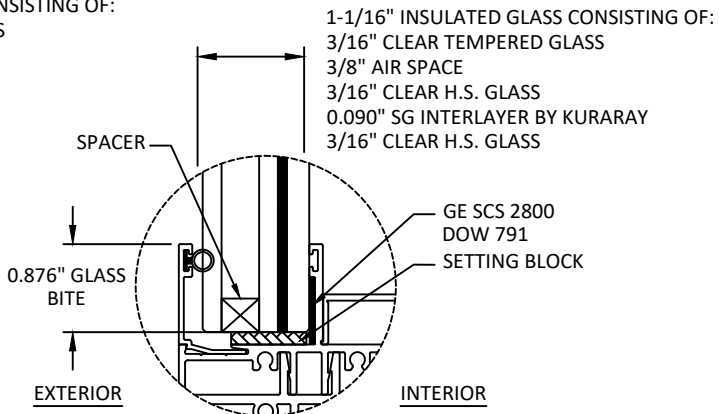
GLAZING DETAIL G3



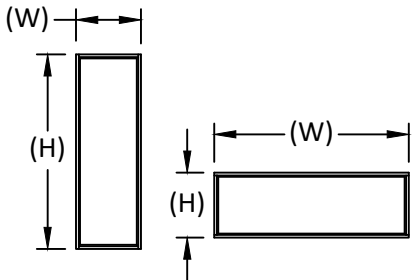
GLAZING DETAIL G4



GLAZING DETAIL G5



GLAZING DETAIL G6



NOTE:
WINDOW WIDTH (W) AND HEIGHT
(H) ARE INTERCHANGEABLE FOR ALL
SIZES SHOWN HEREIN NOT TO EXCEED
MAXIMUM TESTED SQUARE FOOT AREA.
ANCHOR SPACING SHALL NOT EXCEED
THOSE SHOWN FOR LONG OR SHORT LEG
OF UNIT.

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 GLASS CHARTS.



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(IMPACT) (HVHZ)

GLAZING DETAIL &
GLASS CAPACITY

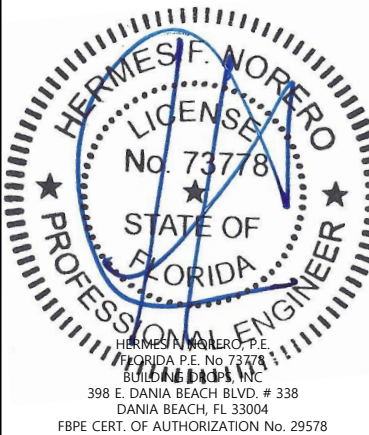
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REMARKS	BY	DATE
A-ADD' SHAPES	YC	08/20

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DWG. BY: **RV** CHK. BY: **HFN**

SCALE: **NTS**

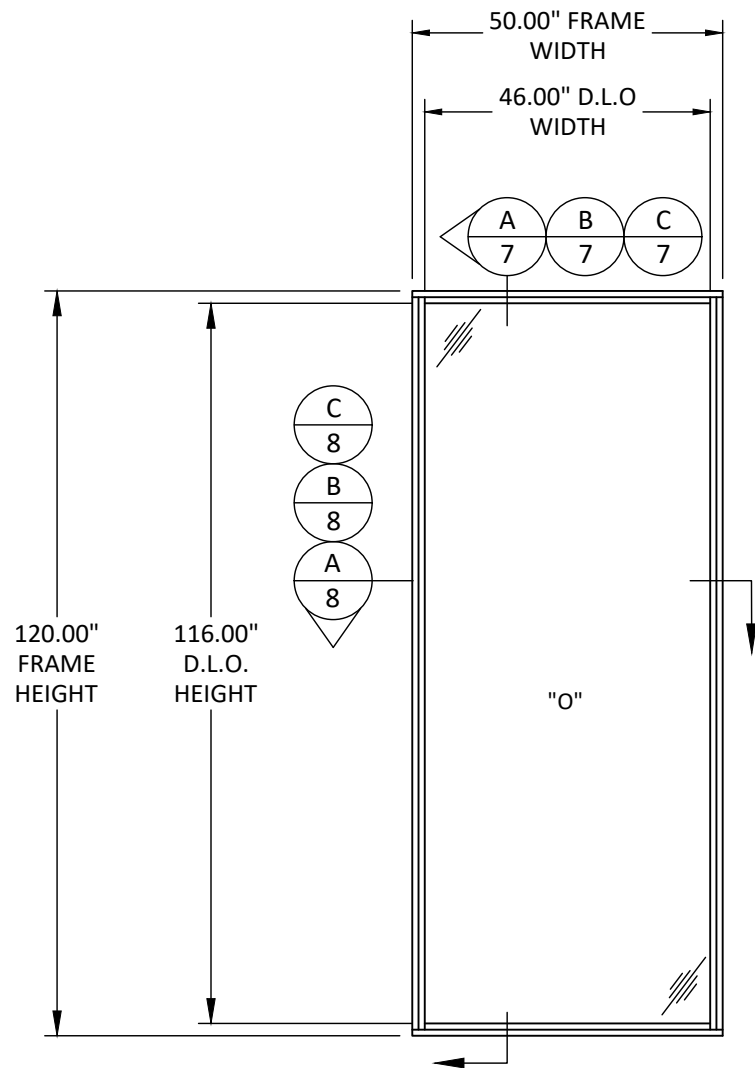
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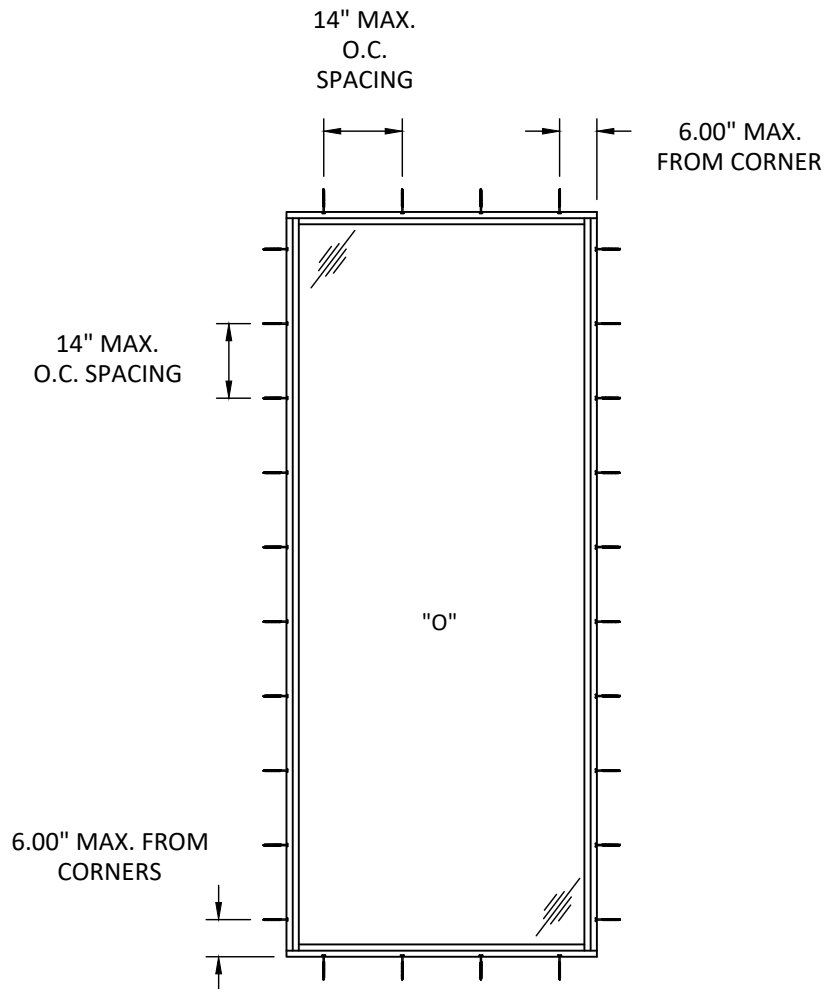
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ELEVATION
FIXED WINDOW - SINGLE
EQUAL LEG



ANCHOR LAYOUT
FIXED WINDOW - SINGLE
THROUGH FRAME - EQUAL LEG

D.L.O DIMENSION
D.L.O WIDTH = FRAME WIDTH - 4"
D.L.O HEIGHT = FRAME HEIGHT - 4"



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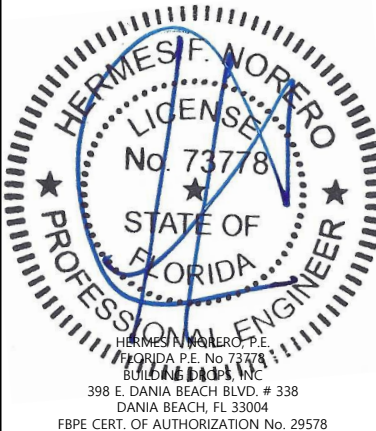
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(IMPACT) (HVHZ)
ELEVATION AND
ANCHOR LAYOUT

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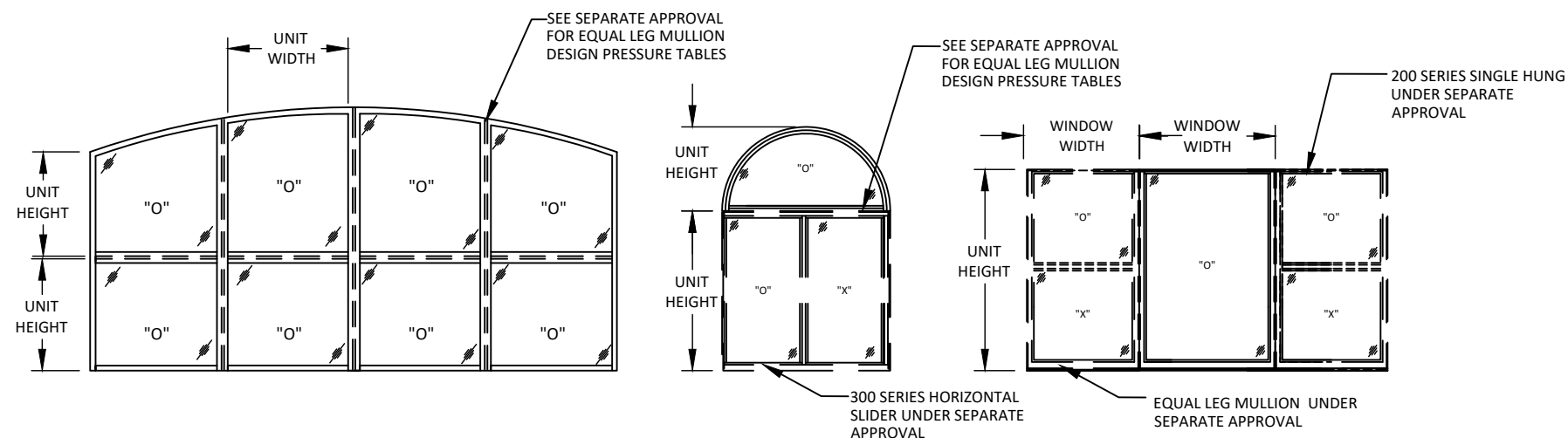
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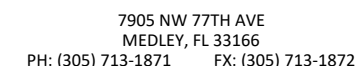
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D.L.O DIMENSION
D.L.O WIDTH = FRAME WIDTH - 4"
D.L.O HEIGHT = FRAME HEIGHT - 4"



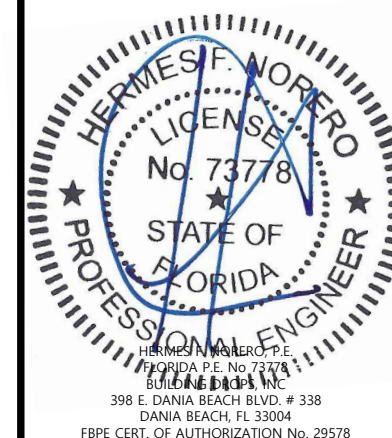
MULLION DESIGN PRESSURES



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REMARKS	BY	DATE
A-ADD' SHAPES	YC	08/20

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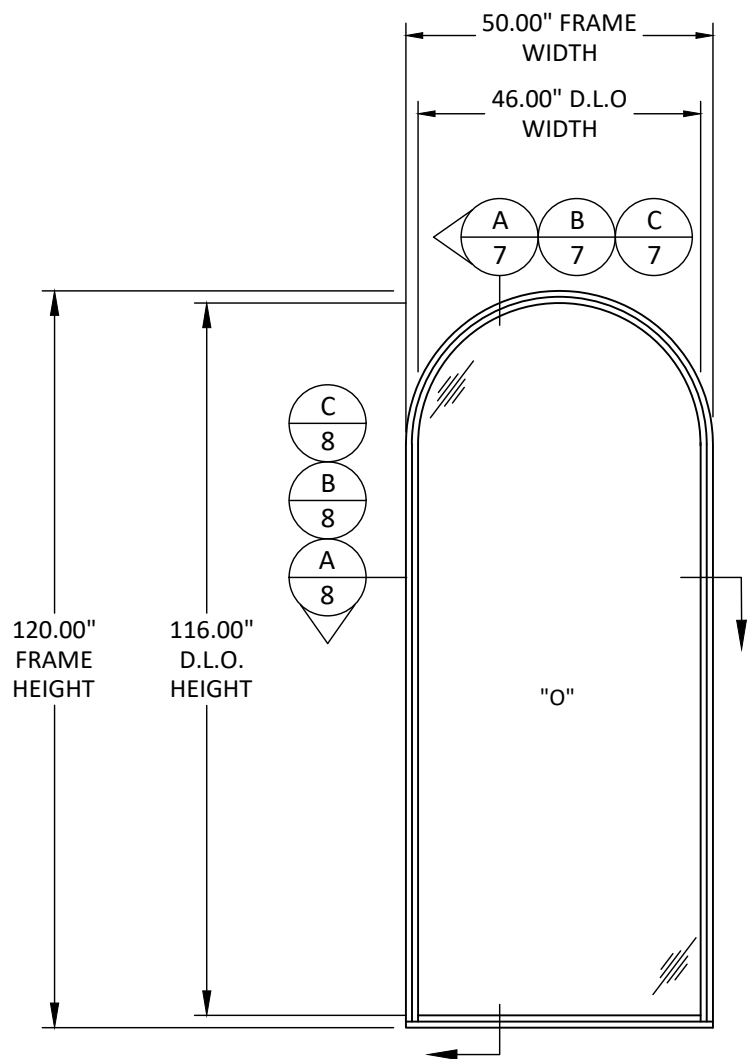
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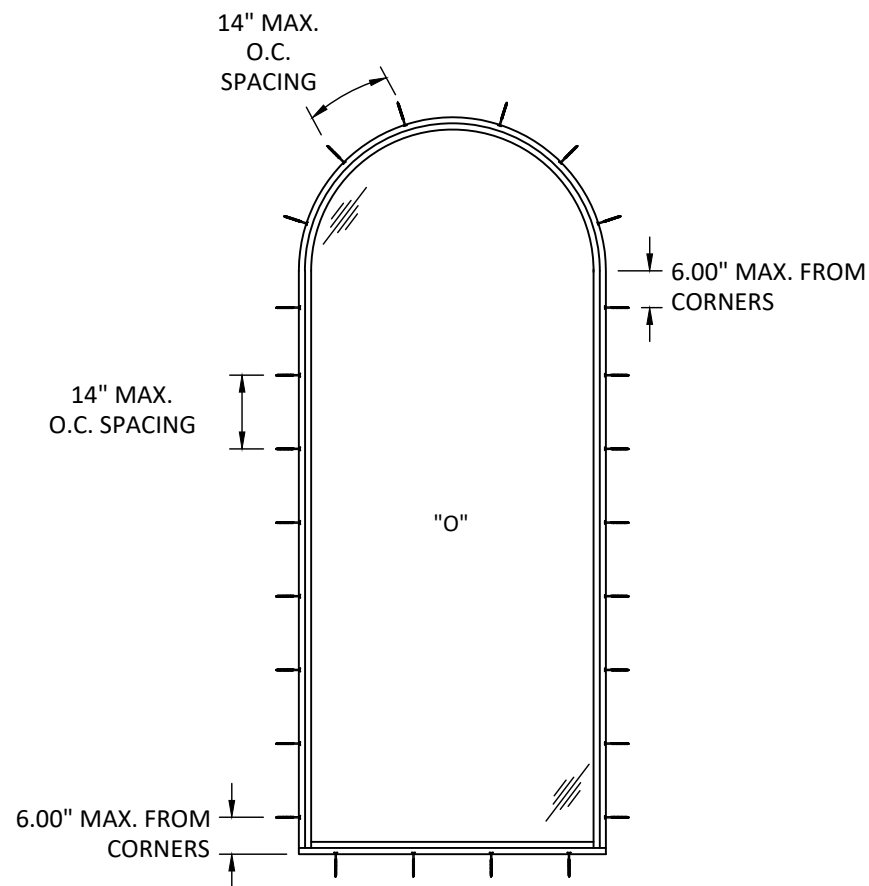
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ELEVATION
FIXED WINDOW - ROUND TOP
EQUAL LEG



ANCHOR LAYOUT
FIXED WINDOW - ROUND TOP
THROUGH FRAME - EQUAL LEG

D.L.O DIMENSION
D.L.O WIDTH = FRAME WIDTH - 4"
D.L.O HEIGHT = FRAME HEIGHT - 4"



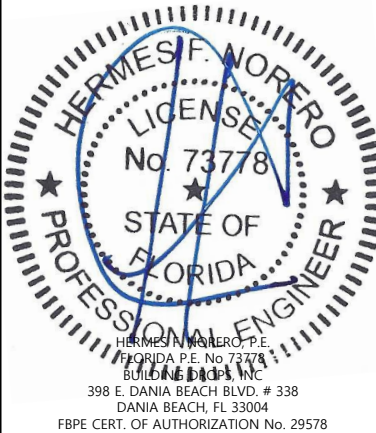
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TITLE: 100 SERIES FIXED WINDOW (IMPACT) (HVHZ)
MULLION ANCHOR LAYOUTS

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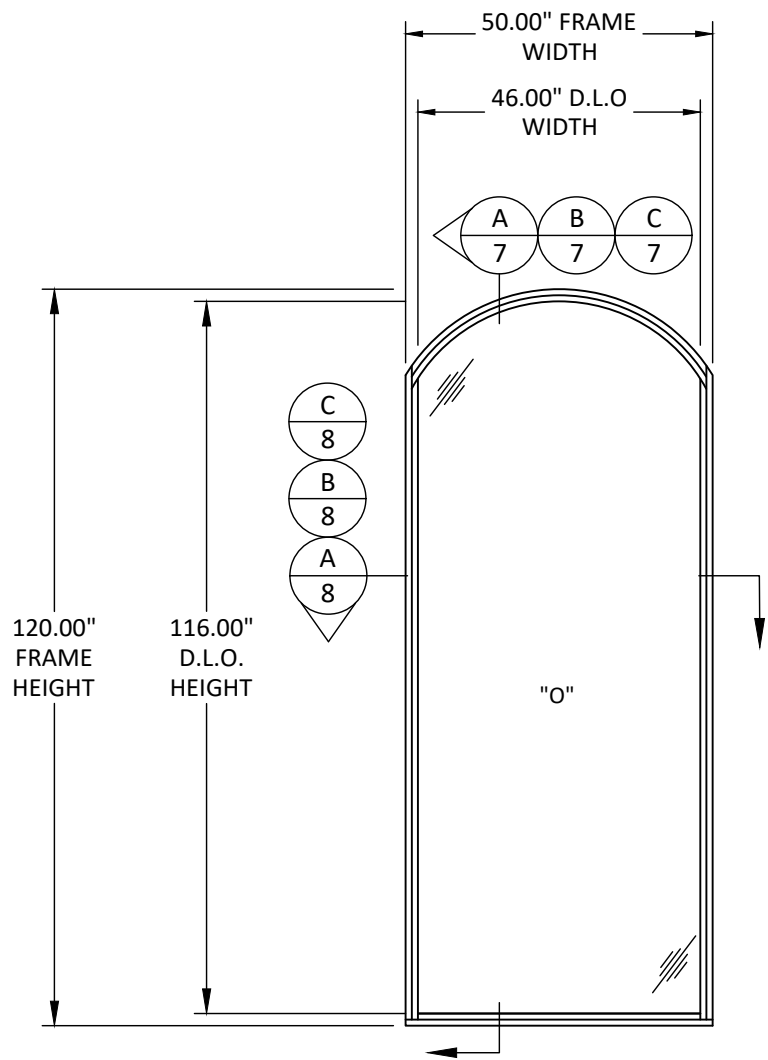
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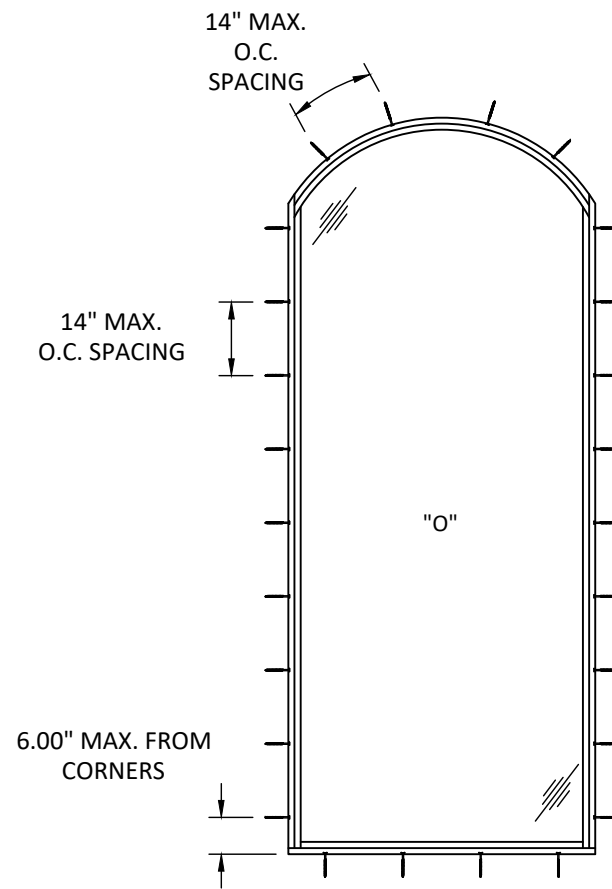
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SHEET: **5** OF 11

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ELEVATION
FIXED WINDOW - EYEBROW
EQUAL LEG



ANCHOR LAYOUT
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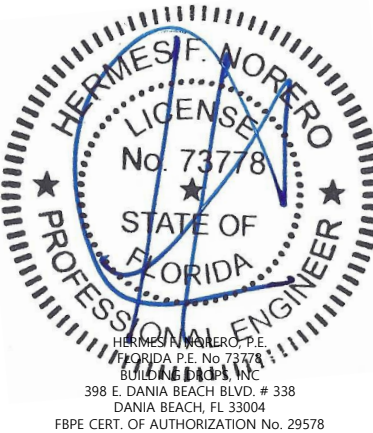
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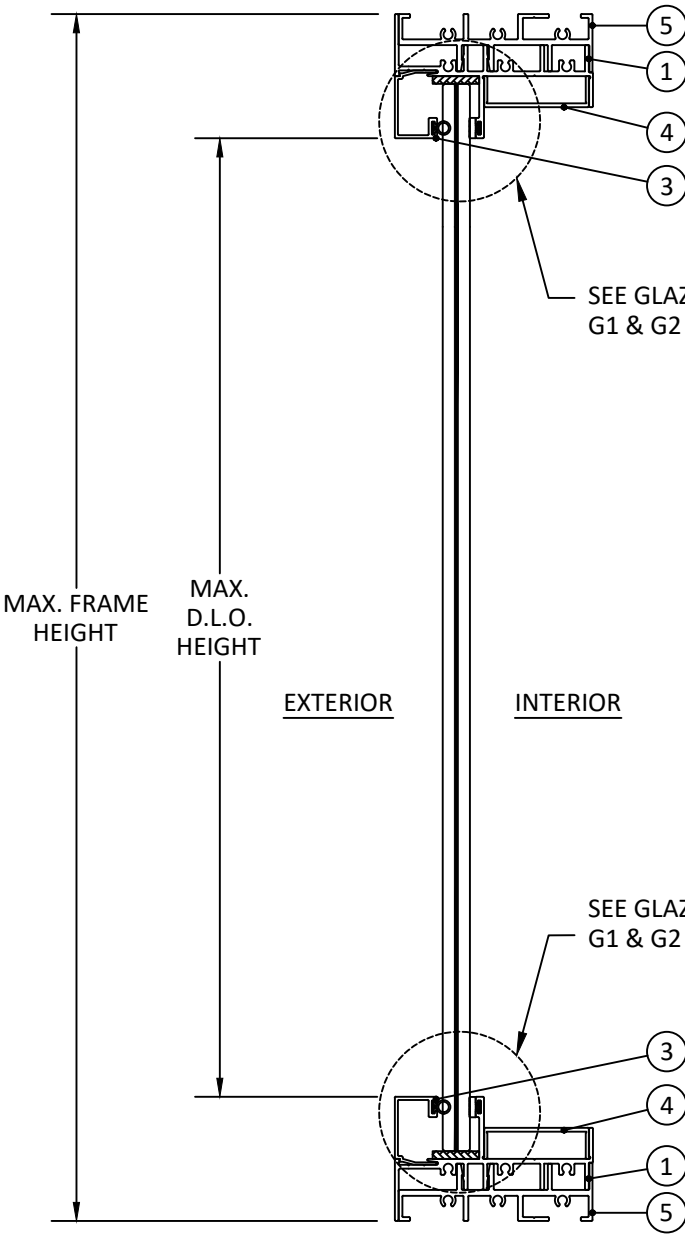
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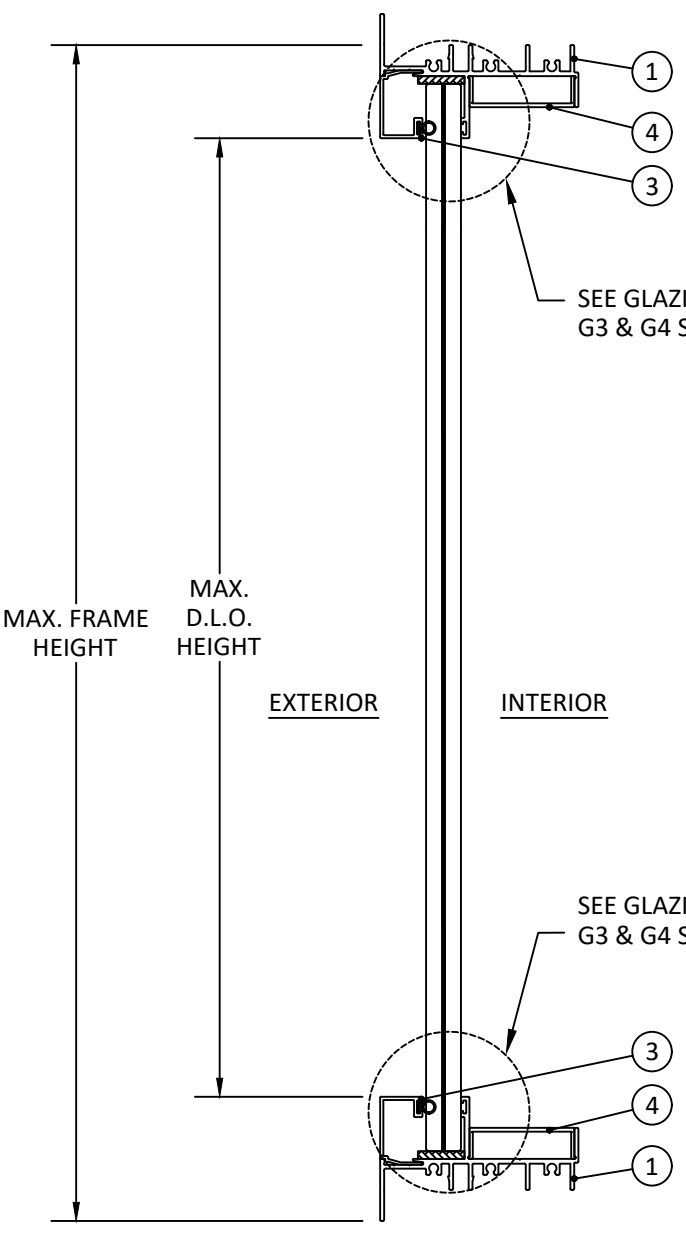
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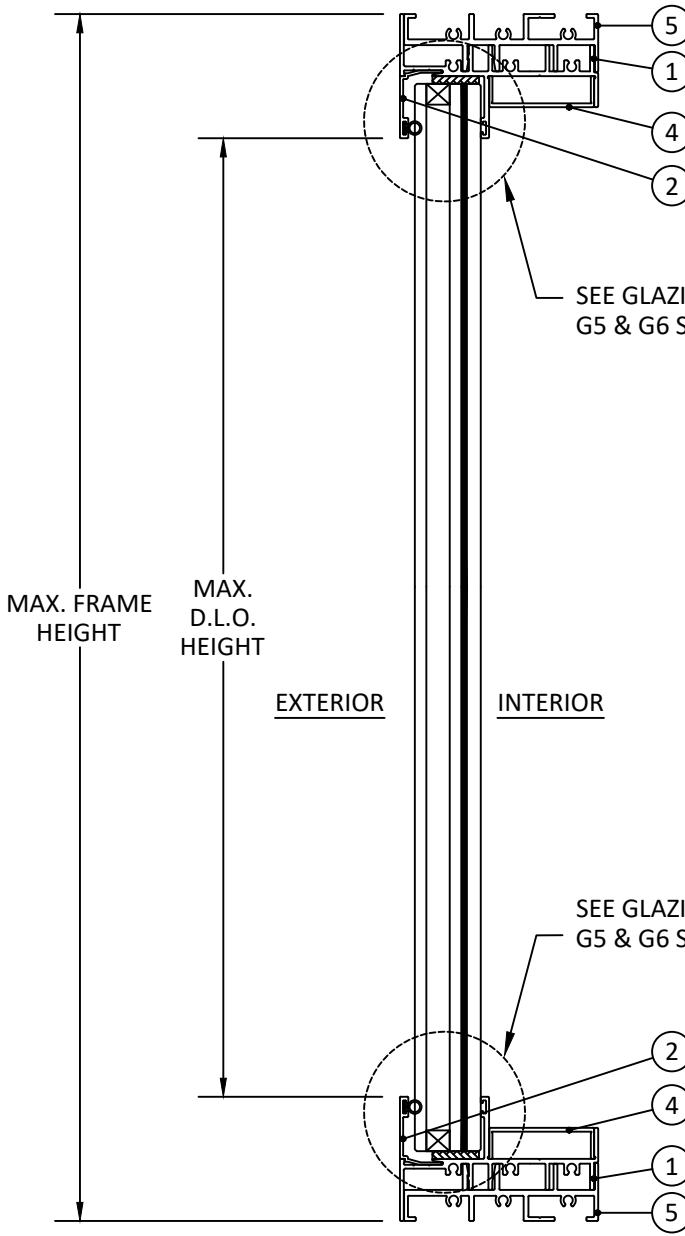
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A
7 **VERTICAL SECTION**
FIXED WINDOW
WITH 7/16" GLAZING



B
7 **VERTICAL SECTION**
FIXED WINDOW
WITH 9/16" GLAZING



C
7 **VERTICAL SECTION**
FIXED WINDOW
WITH 1-1/16" GLAZING



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VERTICAL SECTIONS

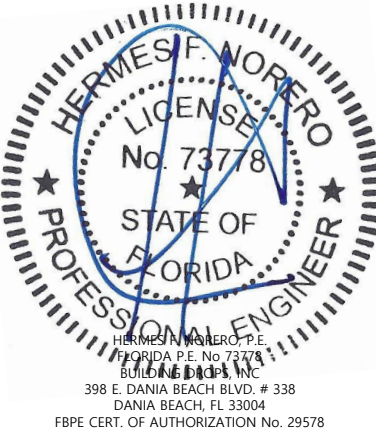
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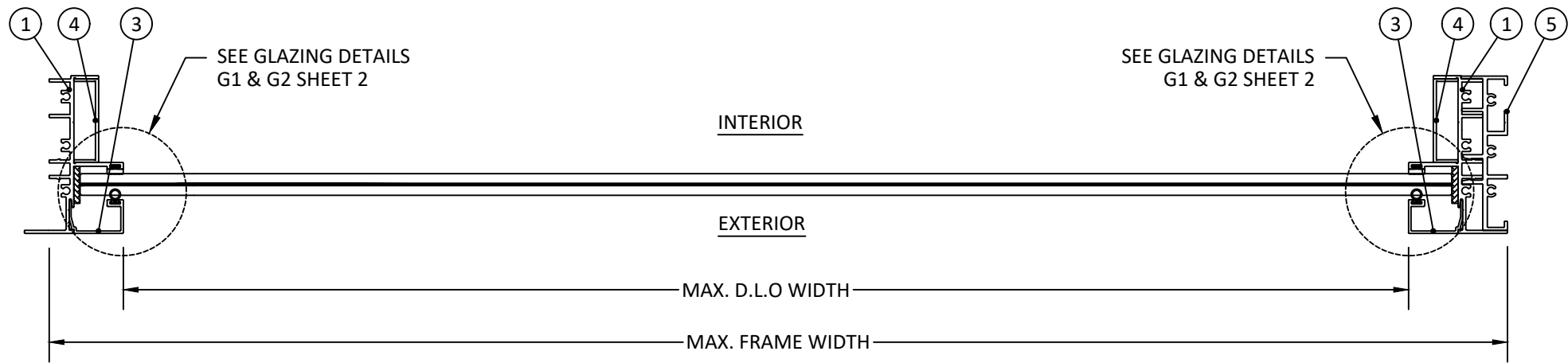
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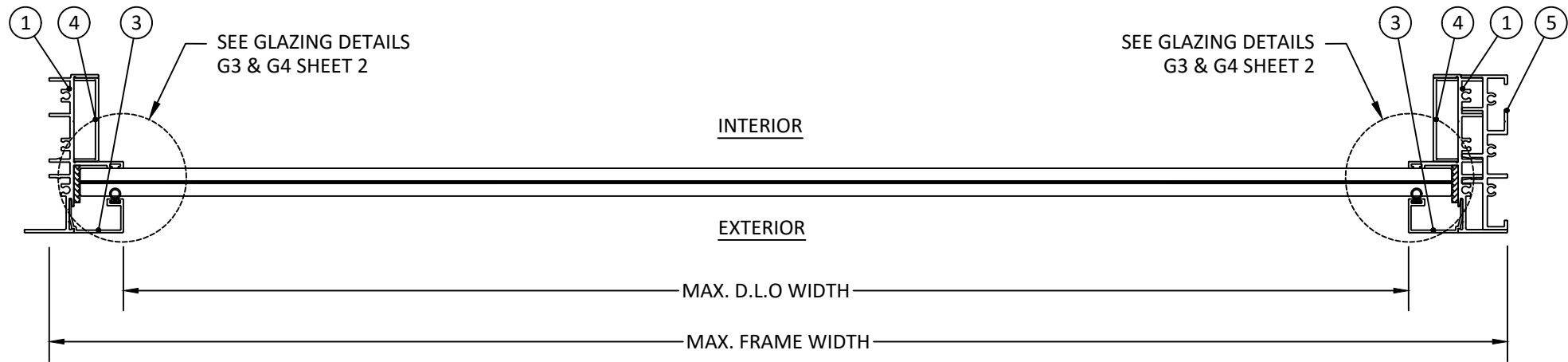


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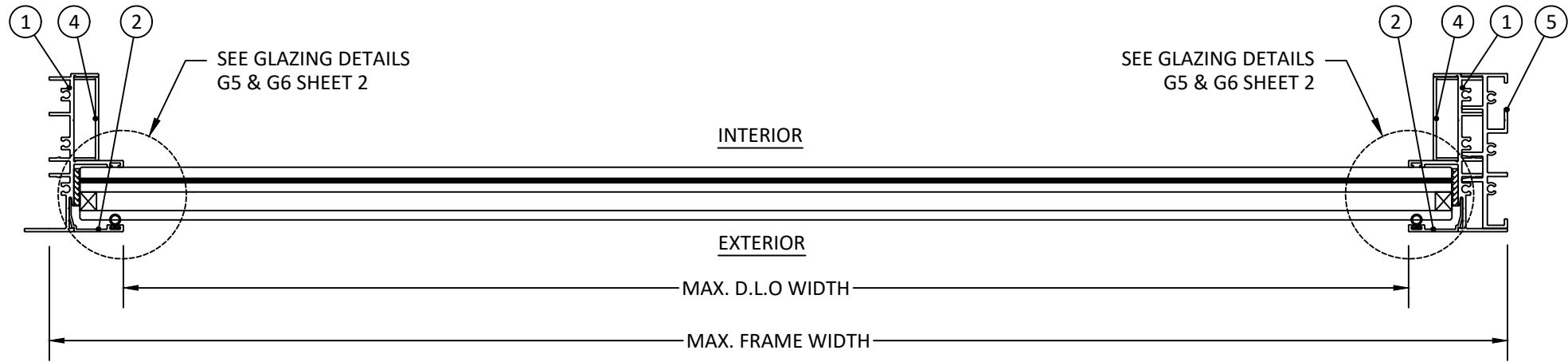
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A
8 **HORIZONTAL SECTION**
FIXED WINDOW
WITH 7/16" GLAZING



B
8 **HORIZONTAL SECTION**
FIXED WINDOW
WITH 9/16" GLAZING



C
8 **HORIZONTAL SECTION**
FIXED WINDOW
WITH 1-1/16" GLAZING



7905 NW 77TH AVE
MEDLEY, FL 33166
PH: (305) 713-1871 FX: (305) 713-1872

TITLE: 100 SERIES FIXED WINDOW
(IMPACT) (HVHZ)

HORIZONTAL SECTIONS

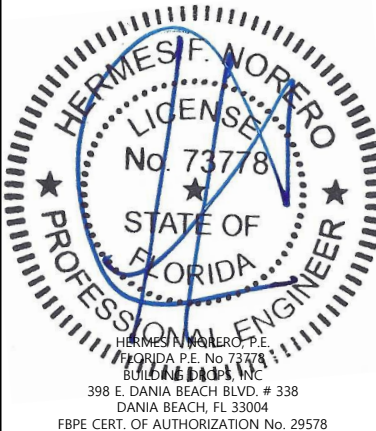
PREPARED BY:

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
A-ADD' SHAPES	YC	08/20

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FL#: **FL30977**

DATE: **12.08.19**

DWG. BY: **RV** CHK. BY: **HFN**

SCALE: **NTS**

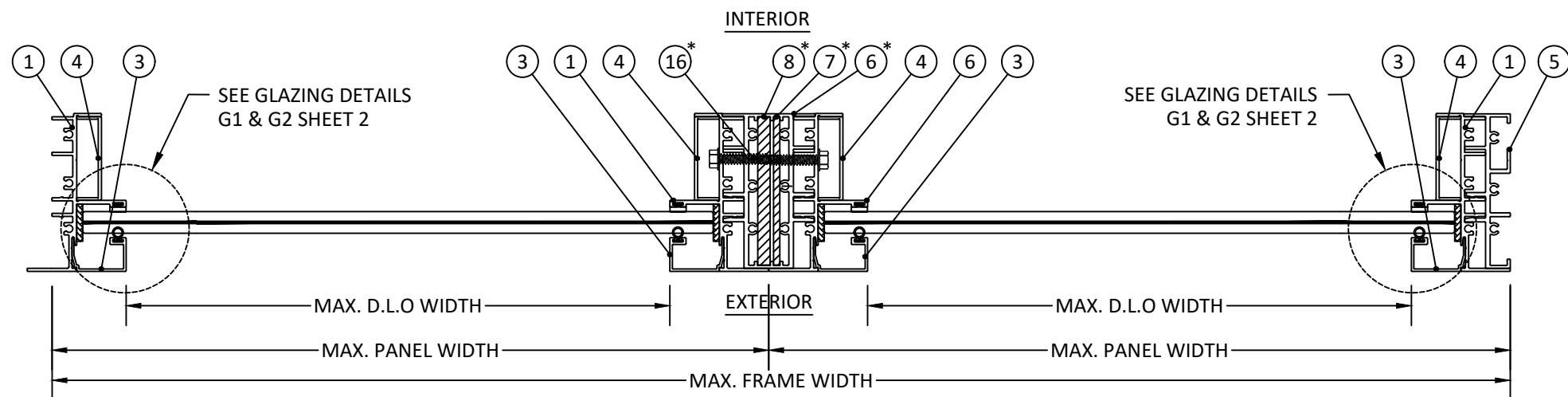
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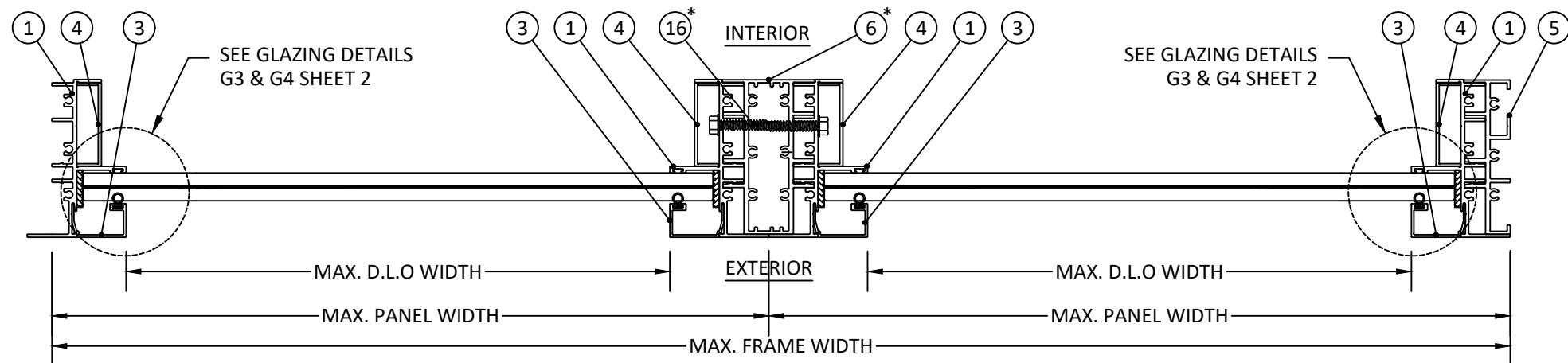
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OF 11

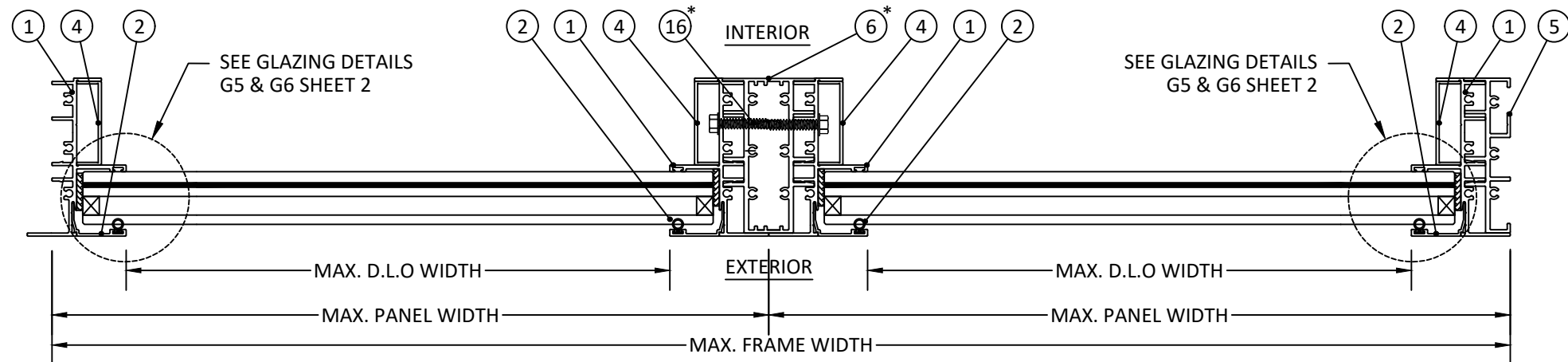
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A
9 **HORIZONTAL SECTION**
FIXED WINDOW - TWIN
WITH 7/16" GLAZING



B
9 **HORIZONTAL SECTION**
FIXED WINDOW - TWIN
WITH 9/16" GLAZING



C
9 **HORIZONTAL SECTION**
FIXED WINDOW - TWIN
WITH 1-1/16" GLAZING

*NOTE:
COMPONENT FOR EQUAL LEG
MULLION OPTION UNDER
SEPARATE APPROVAL



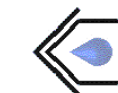
7905 NW 77TH AVE
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PH: (305) 713-1871 FX: (305) 713-1872

TITLE: 100 SERIES FIXED WINDOW
(IMPACT) (HVHZ)

INSTALLATION NOTES,
& ANCHOR DETAILS

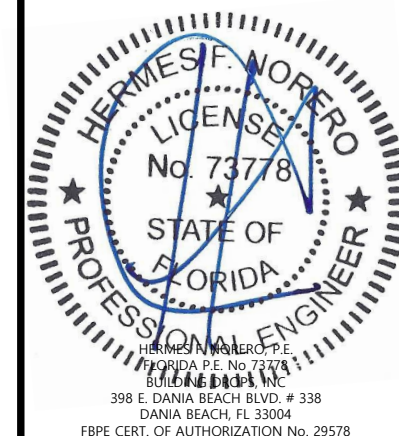
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REMARKS	BY	DATE
A-ADD' SHAPES	YC	08/20

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FL#: **FL30977**

DATE: **12.08.19**

DWG. BY: **RV** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **ECI022**

SHEET:

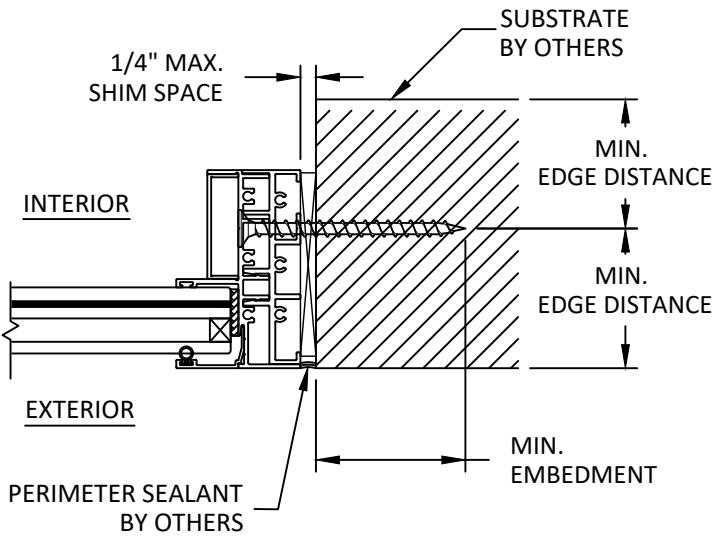
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OF 11

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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 INCH 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.
4. 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.
5. FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. 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.
9. 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.



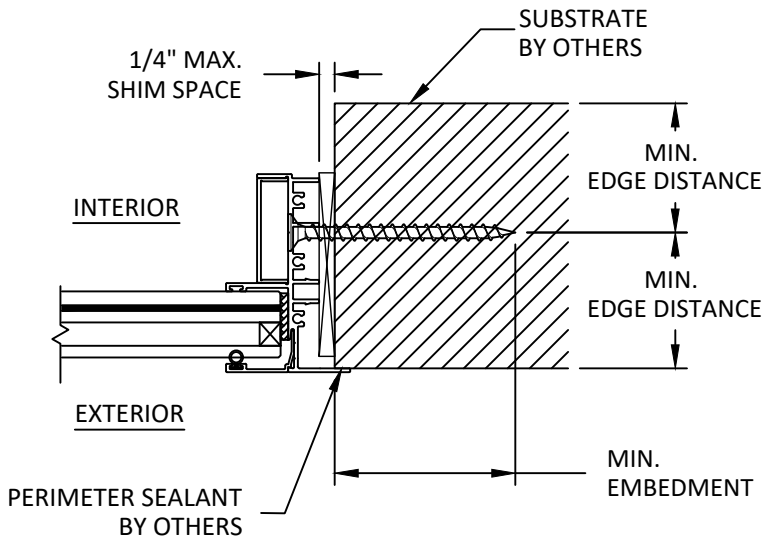
A

10

HORIZONTAL SECTION

THROUGH FRAME (JAMB) - WITH EQUAL LEG

HEAD AND SILL SIMILAR



B

10

HORIZONTAL SECTION

THROUGH FRAME (JAMB) - WITHOUT UNEQUAL LEG

HEAD AND SILL SIMILAR

ANCHOR SCHEDULE					
METHOD	ANCHOR TYPE	SUBSTRATE	ANCHOR SCHEDULE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	A	WOOD: MIN. SG = 0.55	5/16" ELCO ULTRACON	1.50"	1.50"
	B	CONCRETE: MIN. F'c = 3000 PSI	5/16" ELCO ULTRACON	1.75"	2.25"
	C	METAL: 18 GAUGE STEEL, MIN. FY = 33 KSI	1/4" TEK SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.50"
		METAL: ALUMINUM MIN. THICKNESS 1/8". MIN. 6063-T5			
	D	MASONRY: GROUT FILLED CMU PER ASTM C90 MIN. 2000 PSI	5/16" ELCO ULTRACON	1.75"	2.50"



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INSTALLATION NOTES AND
ANCHOR DETAILS & SCHEDULE

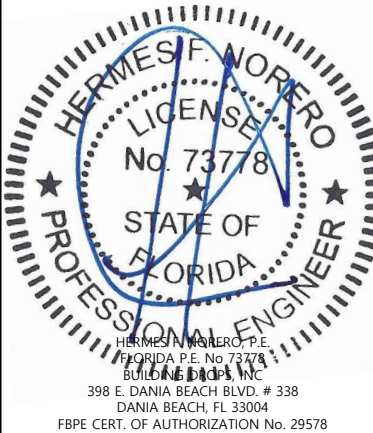
PREPARED BY: BUILDING DROPS, INC.

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REMARKS	BY	DATE
A-ADD' SHAPES	YC	08/20

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CHK. BY: HFN

SCALE: NTS

DWG. #: ECI022

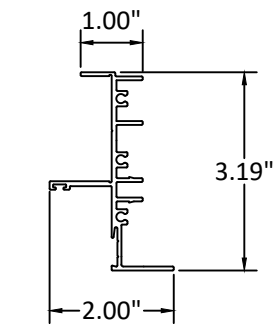
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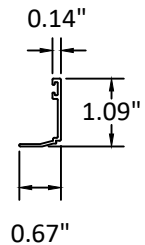
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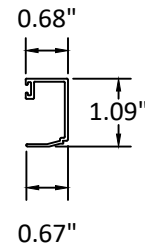
BILL OF MATERIALS		
ITEM	PART No.	DESCRIPTION
1	100-01	FRAME
2	100-02	GLAZING IG
3	100-03	GLAZING LAMI
4	100-04	FRAME COVER
5	100-05	EQUAL LEG
6*	100-06	EQUAL LEG ADAPTER
7*	-	A36 STEEL REINFORCEMENT
8*	-	A36 STEEL REINFORCEMENT
9	-	SCREW #8 X 1.5"
10	-	FRAME GASKET (TPV, EPDM)
11	-	GLAZING BEAD GASKET (TPV, EPDM)
12	-	SETTING BLOCK (TPV, EPDM)
13	-	GLAZING - DOWSIL 791
14	-	GLAZING - GE SCS 2800
15	-	ACRYL-R SM5504
16*	-	SCREW 1/4"Ø BOLT WITH NO WASHER @ 6" FROM ENDS AND 14" MAX. O.C. SPACING



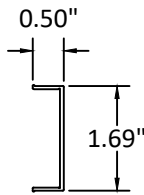
1 FRAME



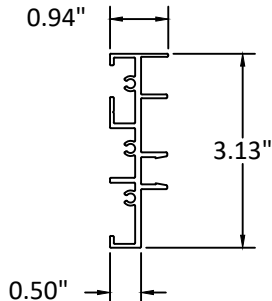
2 GLAZING IG



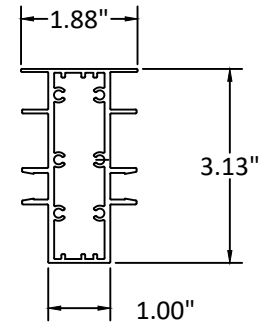
3 GLAZING LAMI



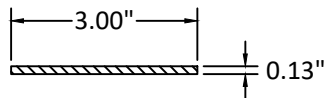
4 FRAME COVER



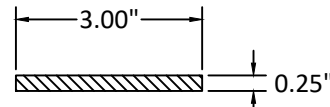
5 EQUAL LEG



6 EQUAL LEG ADAPTER*



7 STEEL REINFORCEMENT*



8 STEEL REINFORCEMENT*

*NOTE:
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SEPARATE APPROVAL



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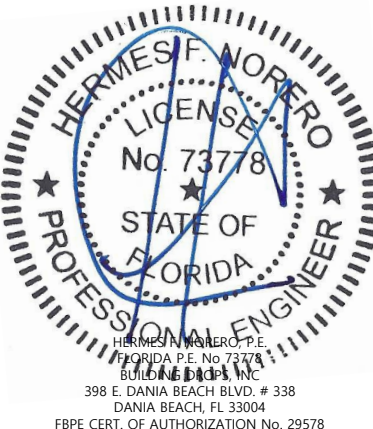
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OF 11