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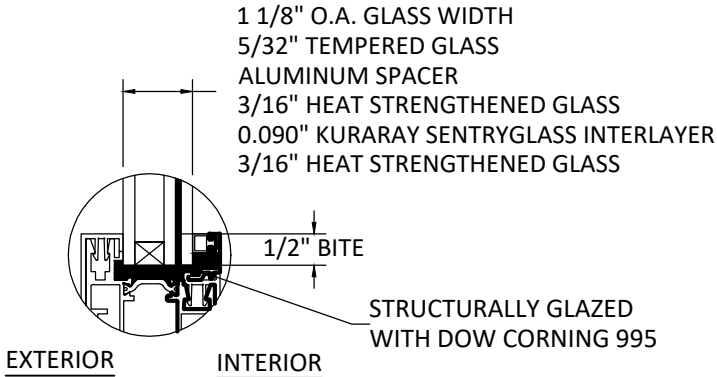
LA CANTINA DOORS

ALUMINUM THERMALLY BROKEN FOLDING DOOR

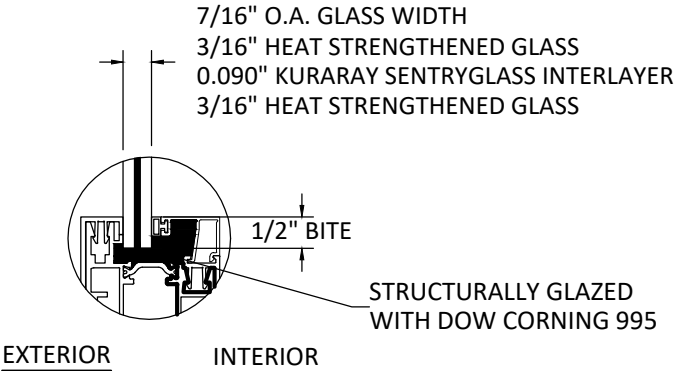
(HVHZ) (IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X 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** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- FRAME MATERIAL: *ALUMINUM 6063-T5*.
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 1.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL



GLAZING DETAIL 1



GLAZING DETAIL 2

- GLAZING NOTES:
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
 - 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.
 - GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER CHAPTER 24 OF THE FBC.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAILS
2	ELEVATIONS AND DESIGN PRESSURE TABLE
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS
6	ANCHOR DETAILS
7	HARDWARE REQUIREMENTS AND CONFIGURATIONS



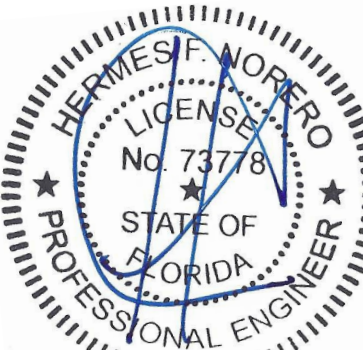
LA CANTINA DOORS
1875 ORD WAY
OCEANSIDE, CA 92056
PH: (760) 734-1590 FX: (760) 734-1591

TITLE:
ALUMINUM THERMALLY BROKEN
FOLDING DOOR
(HVHZ) (IMPACT)
GENERAL NOTES AND GLAZING 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

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Reason: I am approving this document
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TEXAS P.E. No 118471
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
TBPE FIRM No. 13734

DATE: 08.16.22

DWG. BY: CA CHK. BY: SM

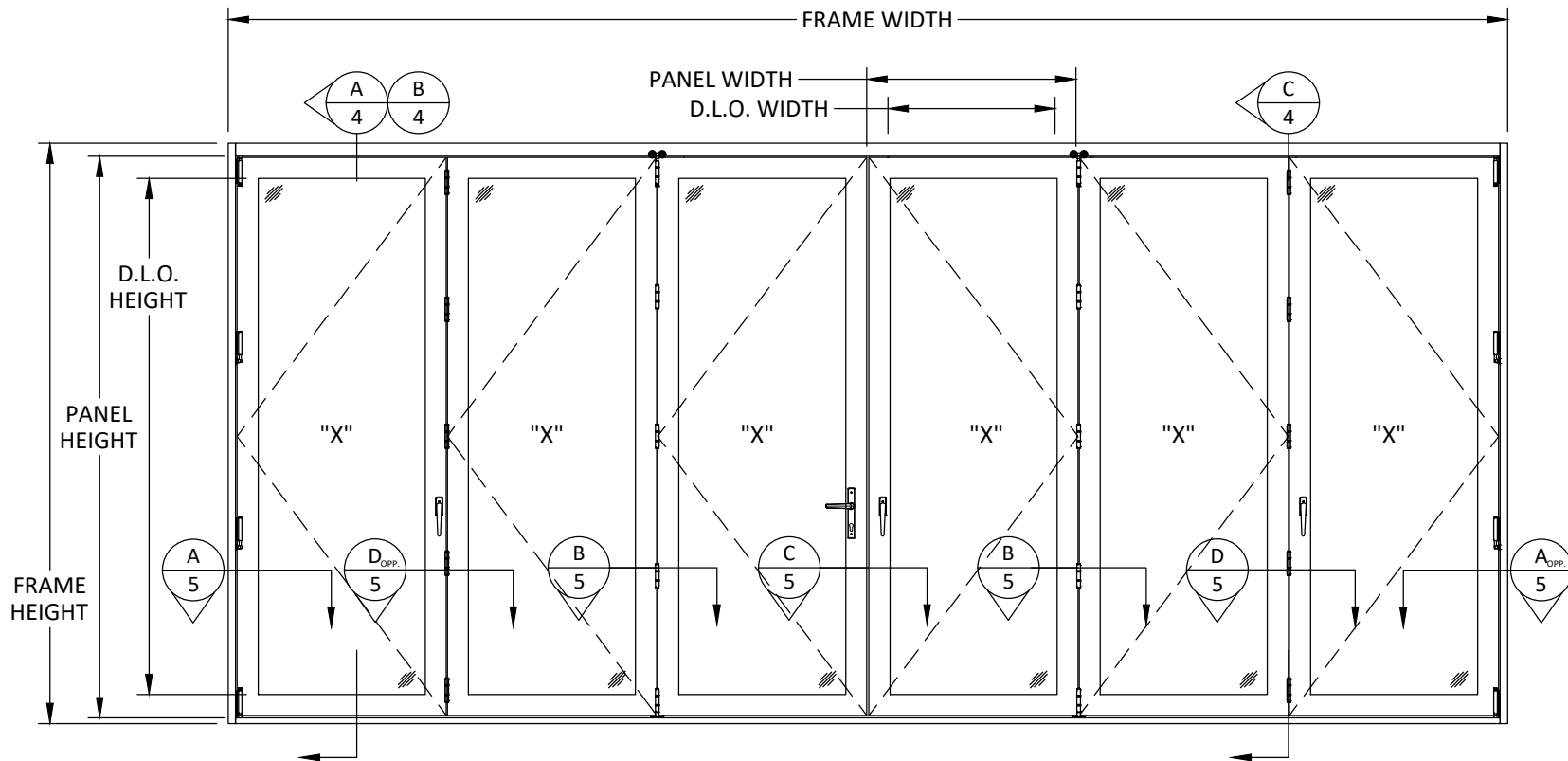
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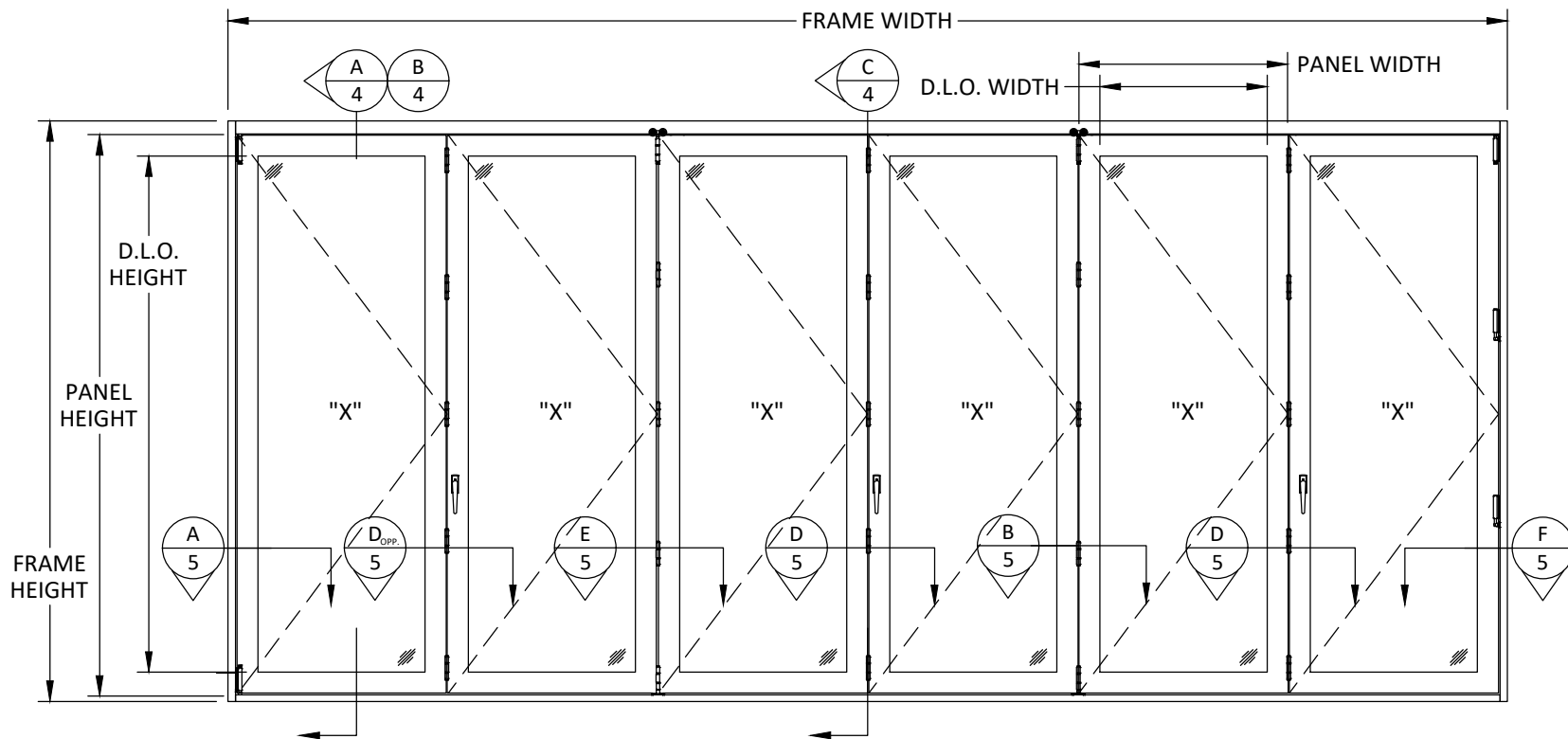
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ELEVATION
3L3R SINGLE UNIT



ELEVATION
0L6R SINGLE UNIT

- D.L.O. EQUATIONS:**
- D.L.O. WIDTH = PANEL WIDTH - 7.4375
 - D.L.O. HEIGHT = PANEL HEIGHT - 7.25

DESIGN PRESSURE TABLE (PSF)						
STD. SILL & STD SILL WITH SILL EXTENSION						
NOMINAL PANEL WIDTH (INCHES)						
PANEL HEIGHT (INCHES)		30	33	36	39	42
	80	70.00	70.00	70.00	70.00	70.00
	84	70.00	70.00	70.00	70.00	-
	88	70.00	70.00	70.00	70.00	-
	92	70.00	70.00	70.00	-	-
	96	70.00	70.00	70.00	-	-
	100	70.00	66.69	-	-	-
	104	64.53	59.09	-	-	-
	108	57.48	-	-	-	-
	112	51.43	-	-	-	-

- NOTE :**
- PANEL SIZES SMALLER THAN SHOWN IN THE ABOVE TABLE ARE QUALIFIED AND SHALL BE ASSIGNED A DESIGN PRESSURE RATING BASED ON THE NEXT LARGER SIZE SHOWN IN THE TABLE
 - SEE SHEET 7 FOR ADDITIONAL QUALIFIED CONFIGURATIONS



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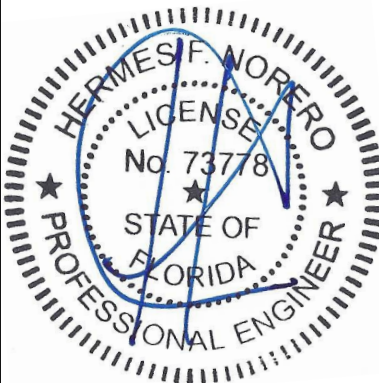
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FOLDING DOOR
(HVHZ) (IMPACT)
ELEVATIONS AND DESIGN PRESSURE TABLE

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CHK. BY: SM

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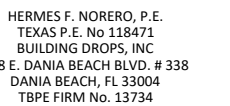
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OF 7

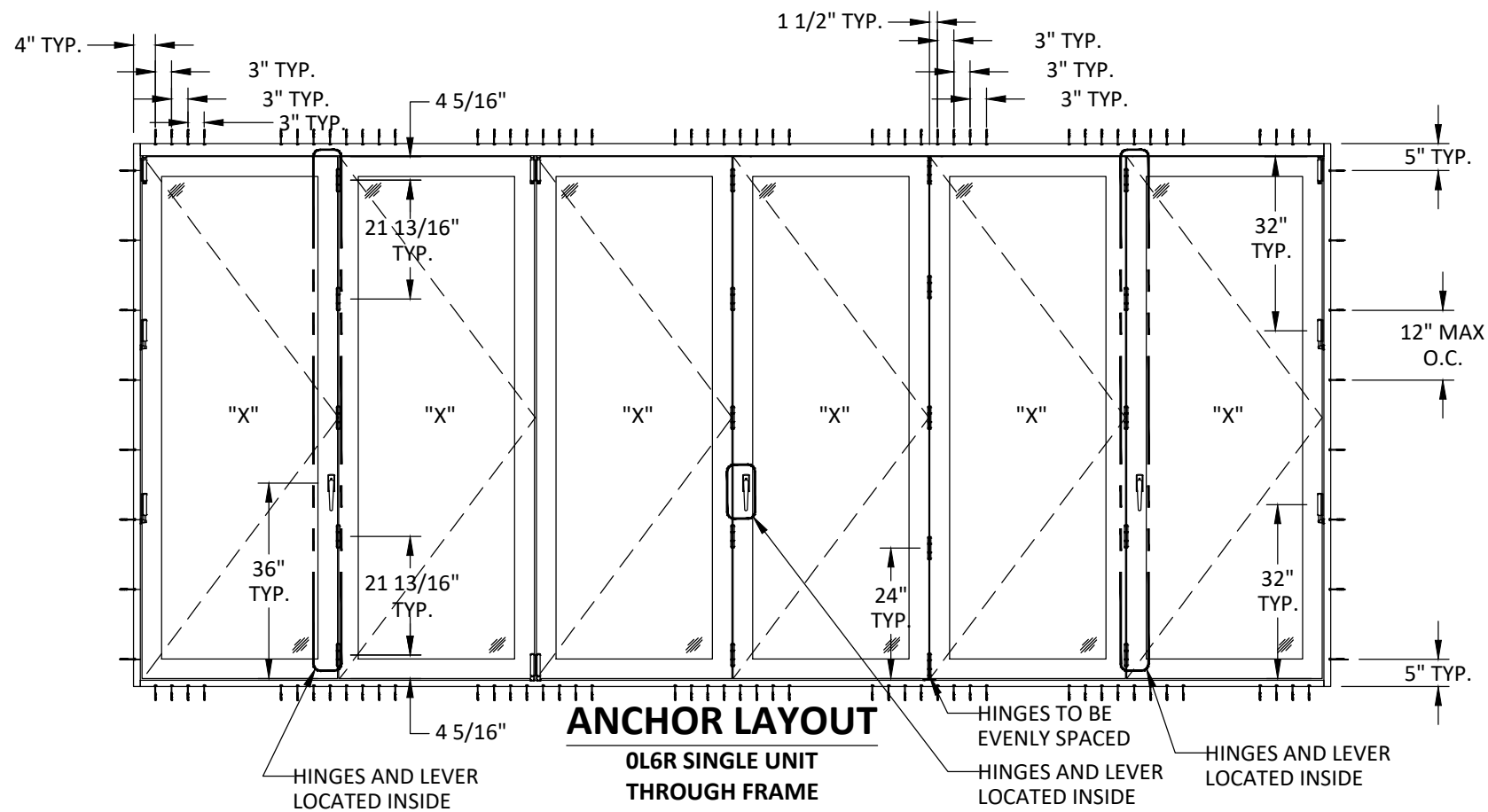
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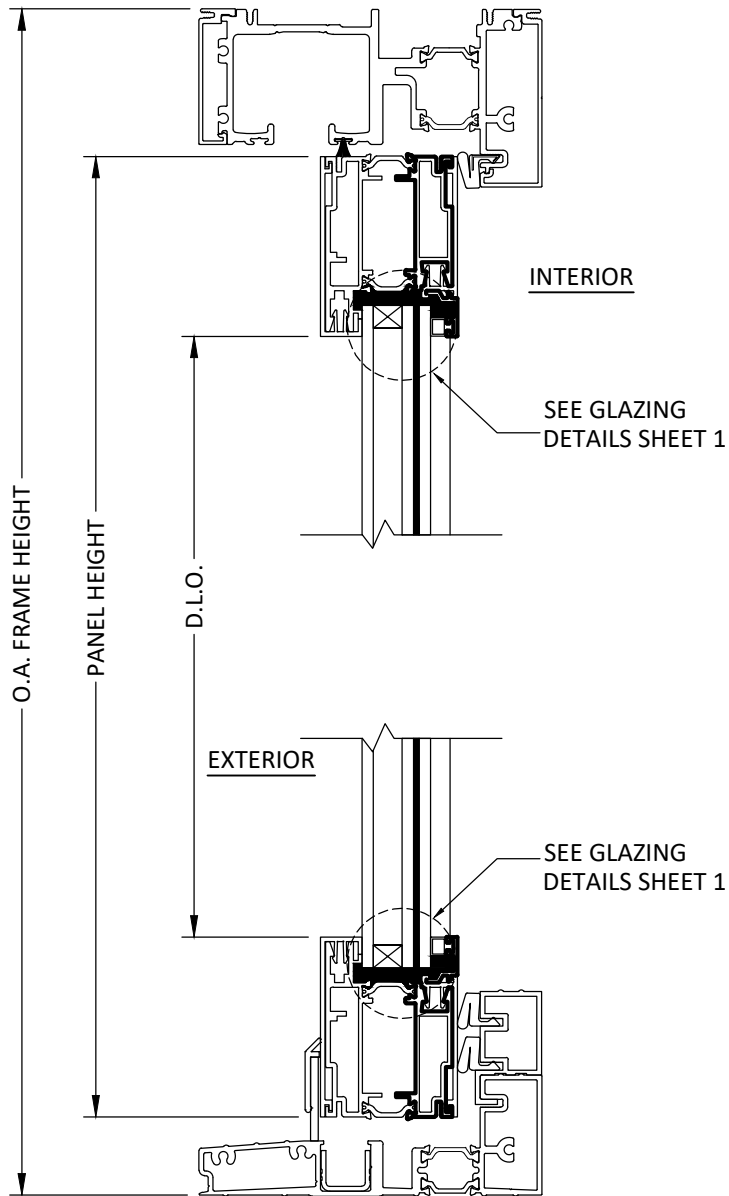
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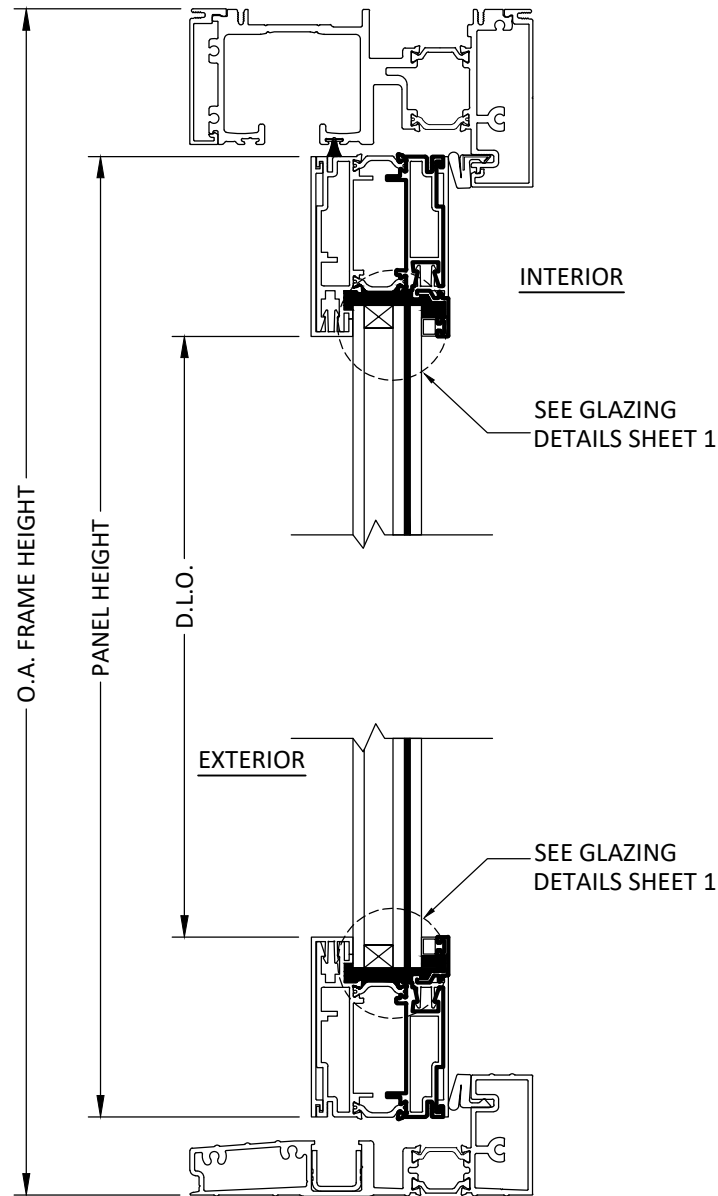
FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING,
QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 6

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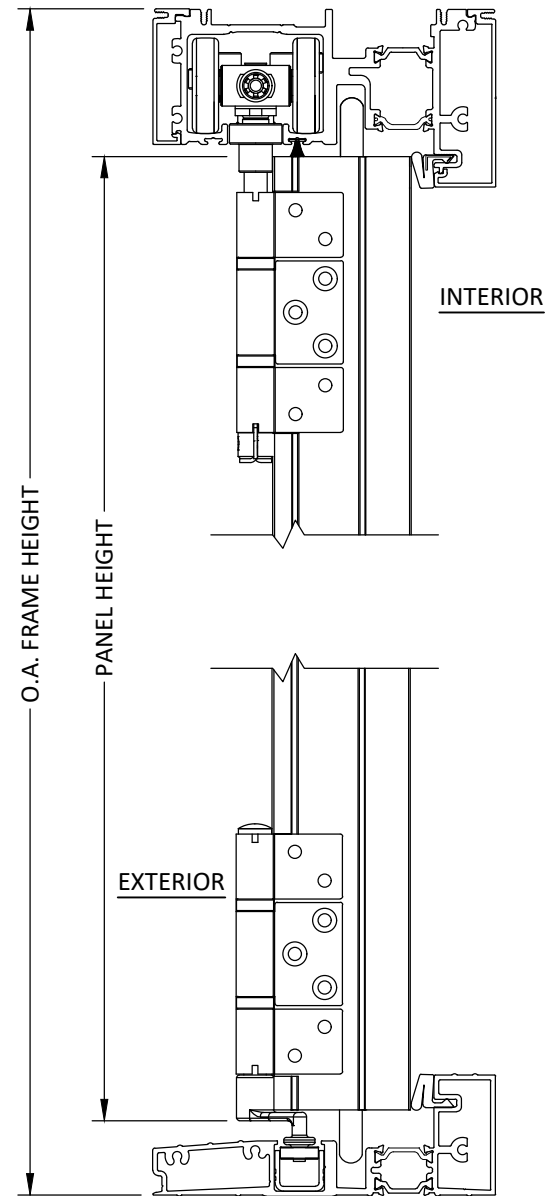


A
4 **VERTICAL SECTION**
HEAD AND SILL WITH SILL EXTENSION DETAIL
RATED FOR WATER INFILTRATION

NOTE:
STD. SILL WITH SILL EXTENSION IS USED ON DOOR ASSEMBLIES
WITH MORE THAN 4 PANELS IN ORDER TO ACHIEVE 70 PSF
WATER INFILTRATION CONDITION



B
4 **VERTICAL SECTION**
HEAD AND SILL DETAIL
RATED FOR WATER INFILTRATION UP TO 4 PANELS



C
4 **VERTICAL SECTION**
HEAD AND SILL DETAIL WITH ROLLER WHEELS



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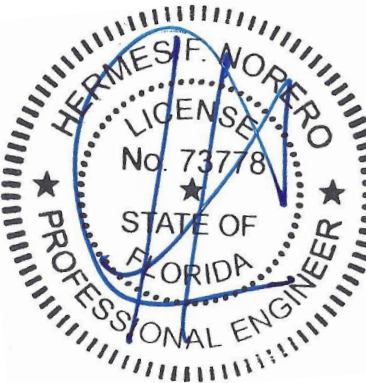
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ALUMINUM THERMALLY BROKEN
FOLDING DOOR
(HVHZ) (IMPACT)
VERTICAL SECTIONS

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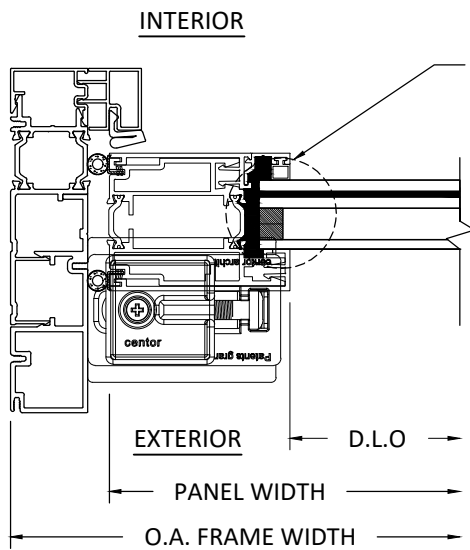
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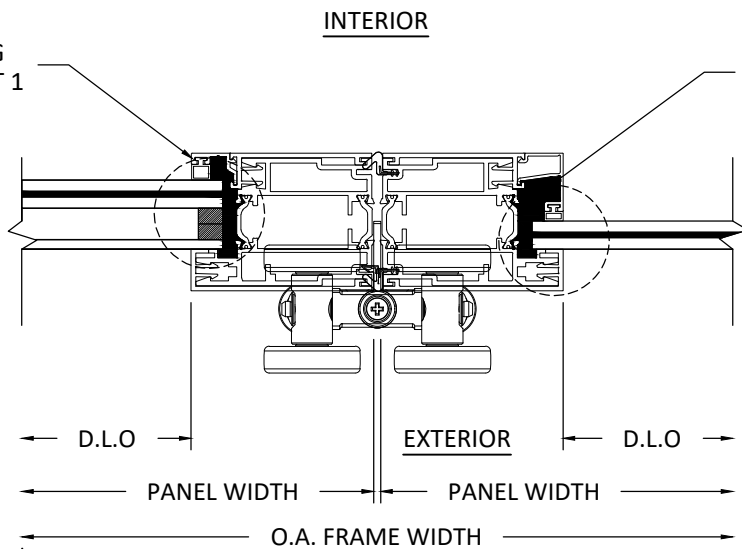
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DANIA BEACH, FL 33004
TBPE FIRM No. 13734

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SHEET	4

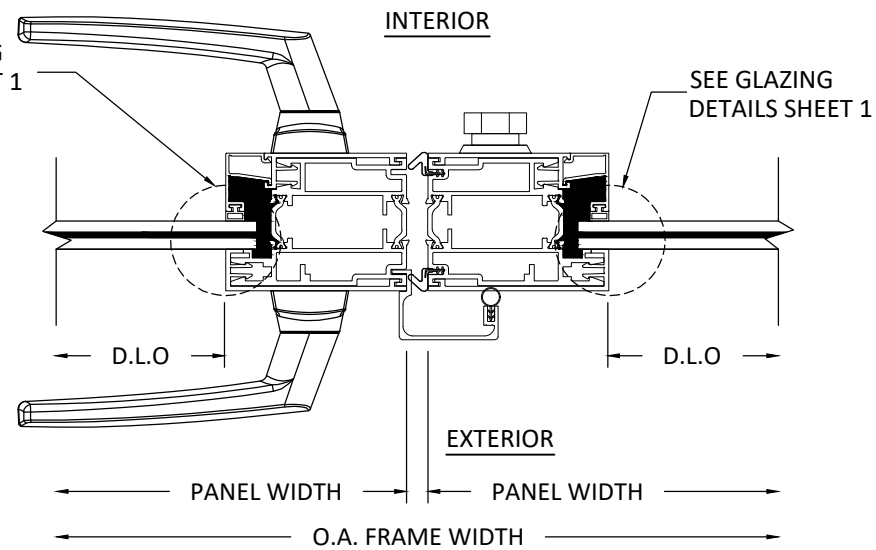
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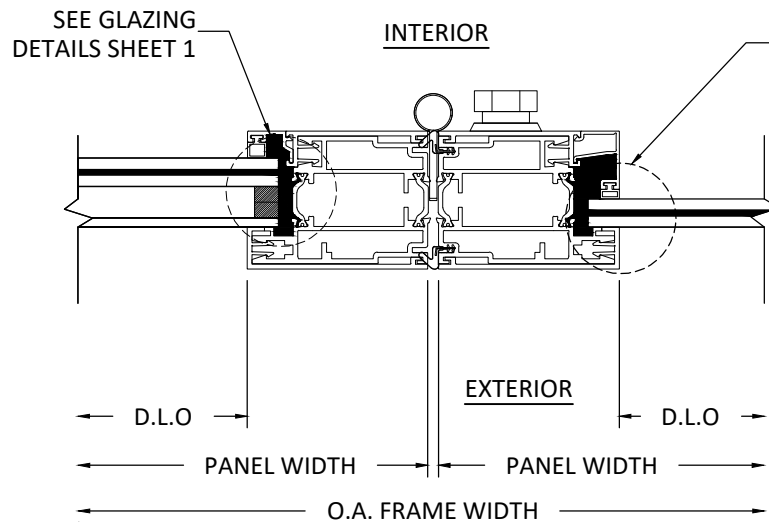
A
5 **HORIZONTAL SECTION**
JAMB WITH PIVOT SET DETAIL



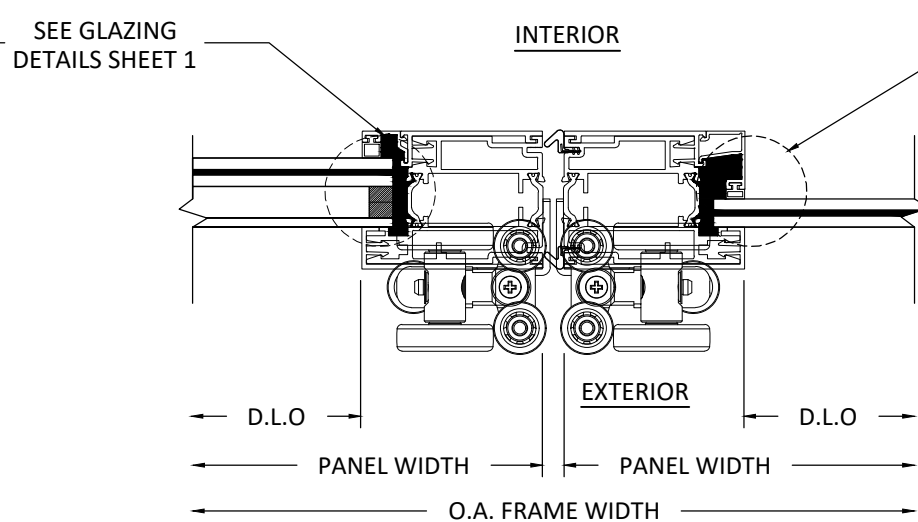
B
5 **HORIZONTAL SECTION**
STILE WITH INTERMEDIATE CARRIER SET DETAIL



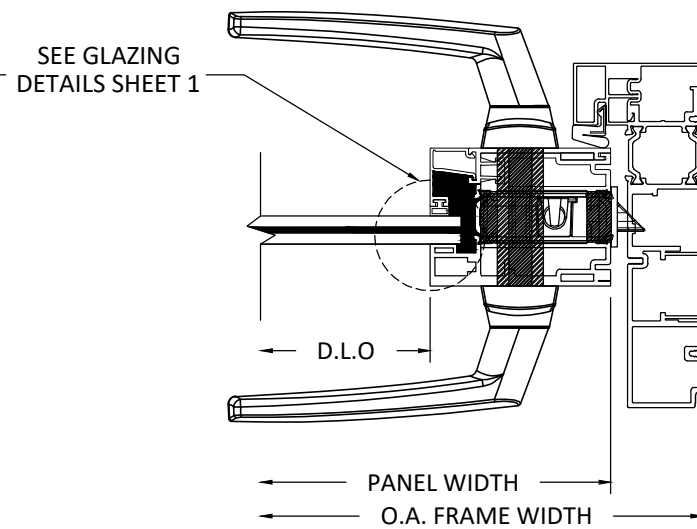
C
5 **HORIZONTAL SECTION**
DOOR HANDLE DETAIL



D
5 **HORIZONTAL SECTION**
MEETING STILE WITH LEVER DETAIL



E
5 **HORIZONTAL SECTION**
STILE WITH RIGHT & LEFT CARRIER SET DETAIL



F
5 **HORIZONTAL SECTION**
LOCK JAMB



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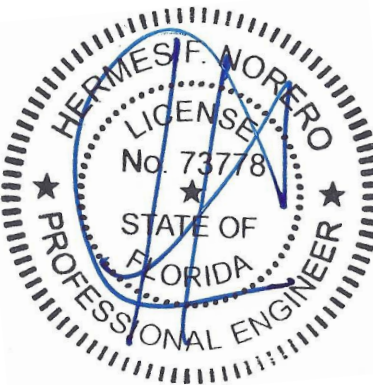
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HORIZONTAL SECTIONS

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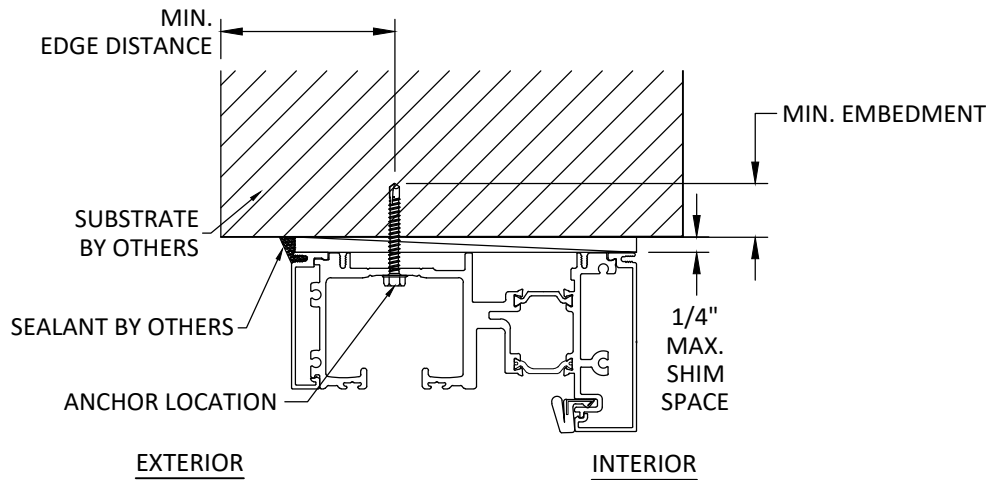


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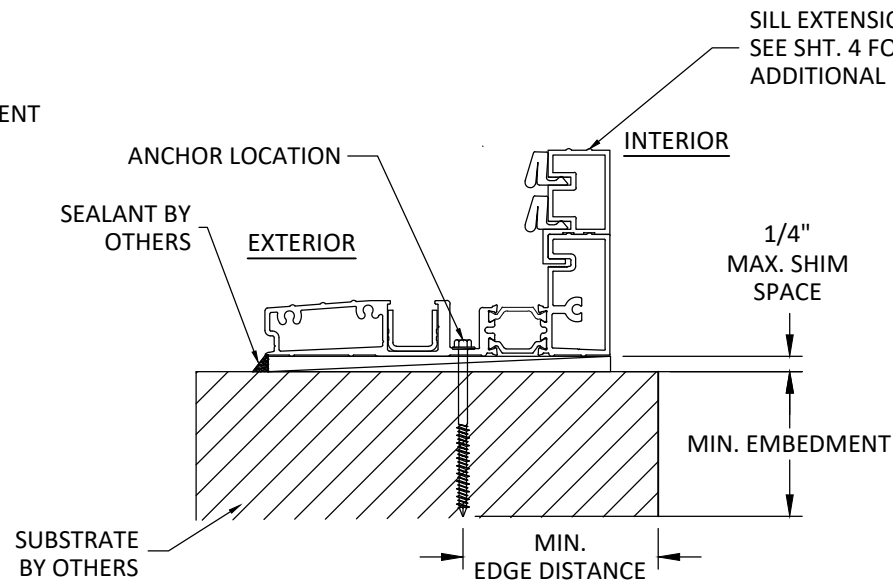
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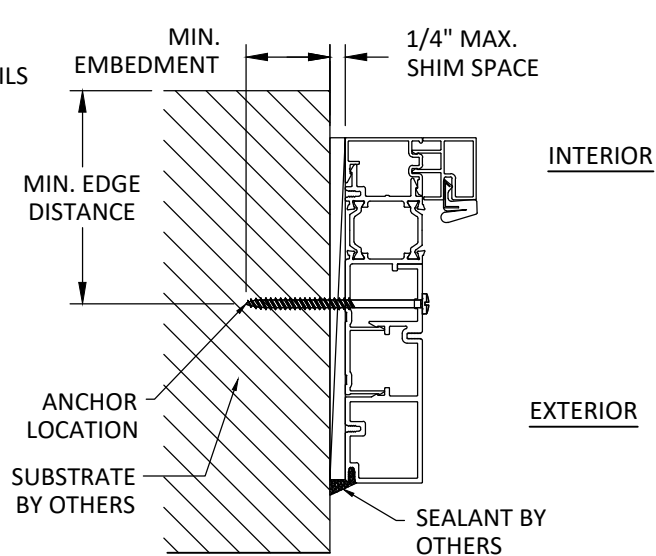
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A
6 **ANCHOR DETAIL**
THROUGH FRAME



B
6 **ANCHOR DETAIL**
THROUGH FRAME



C
6 **ANCHOR DETAIL**
THROUGH FRAME

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- OPTIONAL 1X AND 2X WOOD STUDS FOR CONCRETE/CMU INSTALLATION.
- 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 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.
- 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.

ANCHOR SCHEDULE					
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
THRU FRAME	1	WOOD (MIN. S.G. = 0.55)	#14 WOOD SCREW	1.5	0.75
	1	CONCRETE (MIN. F'C = 3000 PSI) OR CMU (PER ASTM C90)	1/4" TAPCON	1.25	2.5
	1	METAL STUD (STEEL MIN. 18GA, Fy = 33KSI, OR ALUMINUM MIN 1/8", 6063-T5)	1/4" SMS OR SELF DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL WALL	0.5



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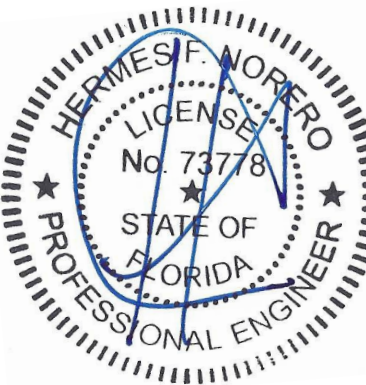
TITLE: **ALUMINUM THERMALLY BROKEN FOLDING DOOR (HVHZ) (IMPACT)**
ANCHOR DETAILS

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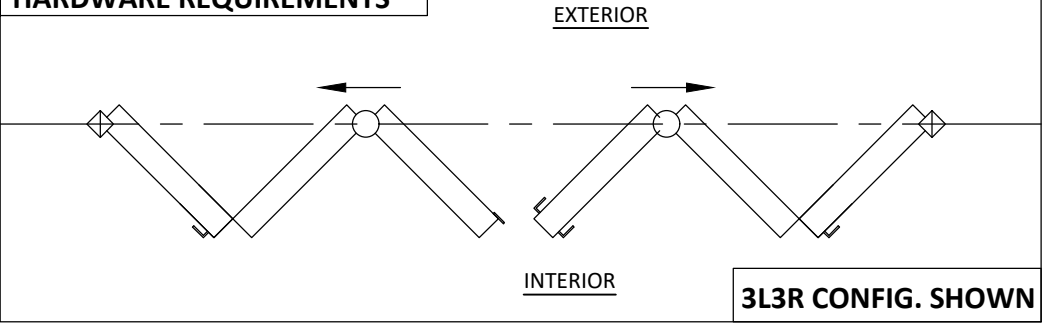


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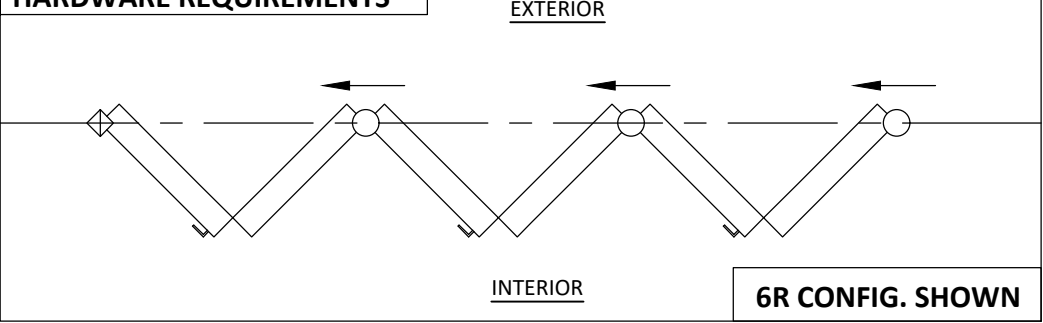
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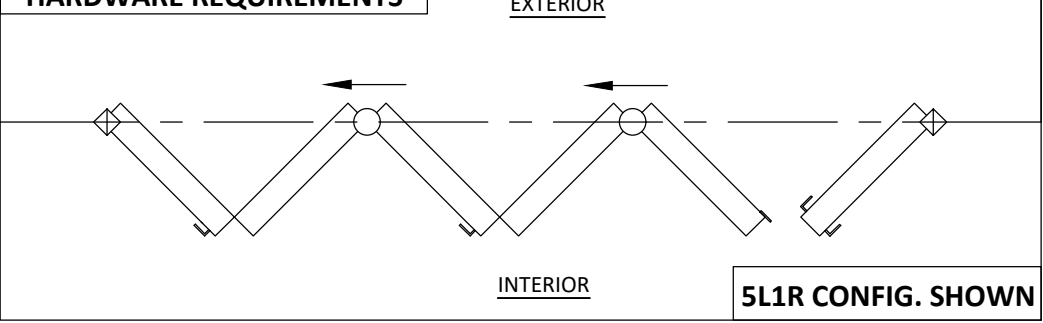
ODD/ODD PANEL COUNT TYP.
HARDWARE REQUIREMENTS



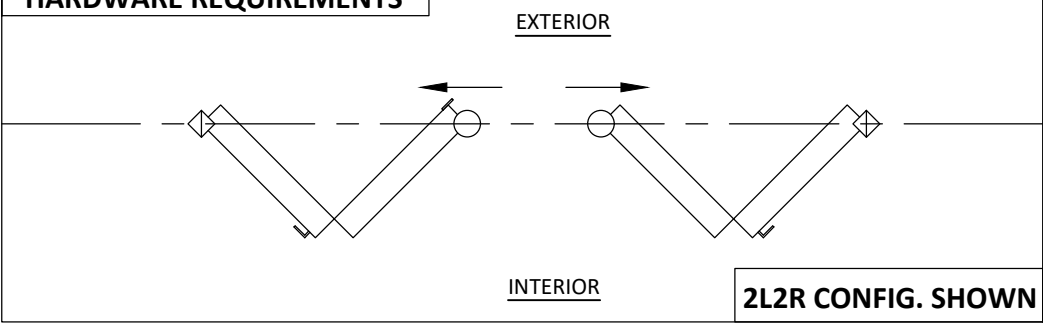
EVEN PANEL COUNT TYP.
HARDWARE REQUIREMENTS



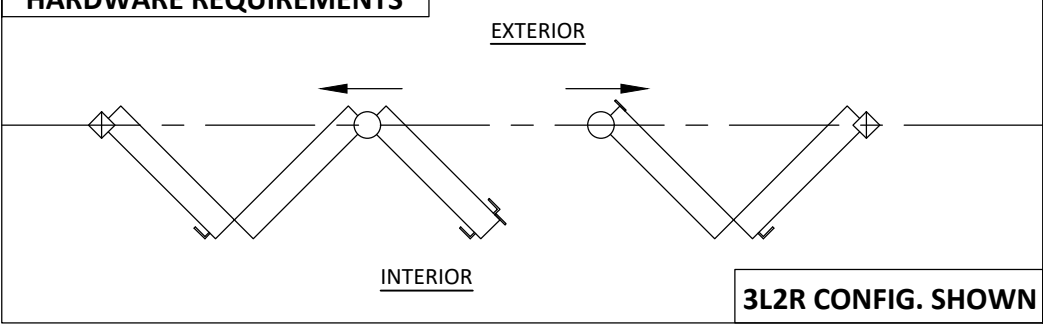
ODD/SWING PANEL COUNT TYP.
HARDWARE REQUIREMENTS



EVEN/EVEN PANEL COUNT TYP.
HARDWARE REQUIREMENTS



ODD/EVEN PANEL COUNT TYP.
HARDWARE REQUIREMENTS



PANEL CT.	QUALIFIED CONFIGURATIONS								
1	1L	1R	-	-	-	-	-	-	-
2	1L1R	2L	2R	-	-	-	-	-	-
3	1L2R	2L1R	3L	3R	-	-	-	-	-
4	1L3R	3L1R	2L2R	4L	4R	-	-	-	-
5	1L4R	4L1R	2L3R	3L2R	5L	5R	-	-	-
6	1L5R	5R1L	2L4R	4R2L	3L3R	6L	6R	-	-
7	1L6R	6L1R	2L5R	5L2R	3L4R	4R3L	7L	7R	-
8	1L7R	7L1R	2L6R	6L2R	3L5R	5L3R	4L4R	8L	8R
9	1L8R	8L1R	2L7R	7L2R	3L6R	6R3L	4L5R	5L4R	-
10	2L8R	8L2R	3L7R	7L3R	4L6R	6L4R	5L5R	-	-
11	3L8R	8L3R	4L7R	7L4R	5L6R	6L5R	-	-	-
12	4L8R	8L4R	5L7R	7L5R	6L6R	-	-	-	-
13	5L8R	8L5R	6L7R	7L6R	-	-	-	-	-
14	6L8R	8L6R	7L7R	-	-	-	-	-	-
15	7L8R	8L7R	-	-	-	-	-	-	-
16	8L8R	-	-	-	-	-	-	-	-

NOTES:

1. MAXIMUM PANEL SIZE: SEE SHEET TWO (2).
2. TERMINAL PANEL HARDWARE:
 - A. 'ODD' TO 'ODD' PANEL COUNT (I.E. 3L3R CONFIG.)- REQUIRES CENTOR E3 HARDWARE ON ACTIVE SWING PANEL.
 - B. 'ODD' TO 'EVEN' PANEL COUNT (I.E. 3L2R CONFIG.)- REQUIRES CENTOR E3 HARDWARE ON ACTIVE SWING PANEL AND ONE END CARRIER SET ON CARRIER JOINT PANEL.
 - C. 'EVEN' TO 'EVEN' PANEL COUNT (I.E. 2L4R CONFIG.) - REQUIRES ONE END CARRIER SET ON BOTH CARRIER JOINT PANELS.
 - D. 'ODD' PANEL COUNT INTO JAMB (I.E. 5L CONFIG.) - REQUIRES CENTOR E3 HARDWARE ON ACTIVE SWING PANEL
 - E. 'EVEN' PANEL INTO JAMB (I.E. 6L) - REQUIRES ONE END CARRIER SET
4. HINGED JOINT PANELS - ALL HINGED PANELS REQUIRE FIVE CENTER HINGES AND CENTOR E3 HARDWARE
5. CARRIER JOINT PANELS - ALL CARRIER PANELS REQUIRE AN INTERMEDIATE CARRIER SET, AND FIVE HINGES

NOTE: MISSILE LEVEL D & WIND ZONE 4 UNLIMITED CONFIGURATIONS ARE APPROVED AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE SHOWN ON SHEET 2, AND USES VERTICAL CONDITIONS AS SHOWN.



LA CANTINA DOORS
1875 ORD WAY
OCEANSIDE, CA 92056
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TITLE:
ALUMINUM THERMALLY BROKEN
FOLDING DOOR
(HVHZ) (IMPACT)
HARDWARE REQUIREMENTS AND
CONFIGURATIONS

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

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.



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TBPE FIRM No. 13734

DATE:	08.16.22
DWG. BY:	CA
CHK. BY:	SM
SCALE:	NTS
DWG. #:	LCD006-T
SHEET	7