

ARCADIA CUSTOM

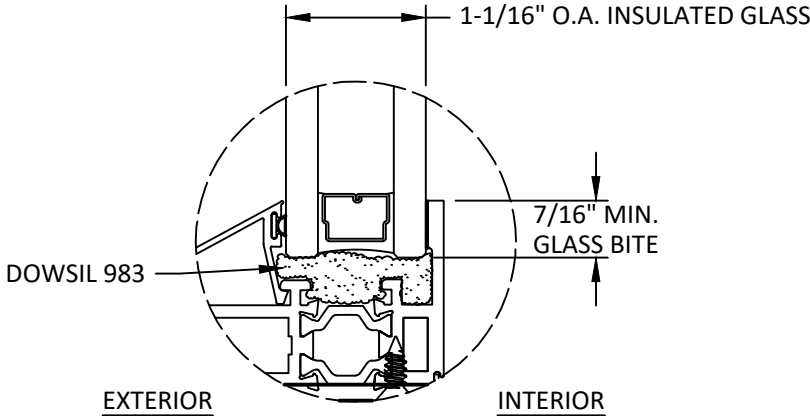
T225 - OUTSWING FRENCH/SINGLE CASEMENT (NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **EXCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM E283/E283M-19
 - ASTM E330/E330M-14(21)
 - ASTM E331-00(16)
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X 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 REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- FRAME MATERIAL: ALUMINUM (MIN. 6063-T5).
- ALL STRUCTURAL MATERIALS & DISSIMILAR 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 MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

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5	VERTICAL SECTIONS
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7	INSTALLATION DETAILS AND NOTES

DESIGN PRESSURE RATING		
FRAME SIZE	DESIGN PRESSURE	MISSILE RATING
SEE SHEET 2		NON-IMPACT



GLAZING DETAIL

- GLAZING NOTES:
- GLASS TYPE & THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. 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 SHEET 2.



ARCADIA CUSTOM
9280 E OLD VAIL RD
TUCSON, AZ 85747
PH: (520) 284-2061

TITLE: T225 - OUTSWING FRENCH/
SINGLE CASEMENT
(NON-HVHZ) (NON-IMPACT)
GENERAL NOTES & GLAZING DETAIL

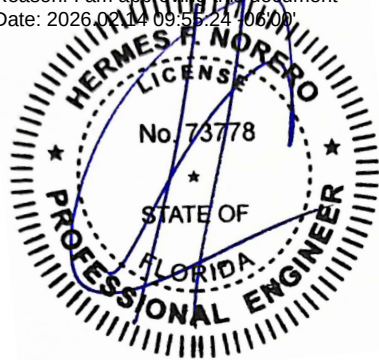
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.01.26 09:58:22 -0600



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1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL48004
DATE:	01.26.2026
DWG. BY:	CHK. BY:
MS	HFN
SCALE:	NTS
DWG. #:	ADC028
SHEET:	1



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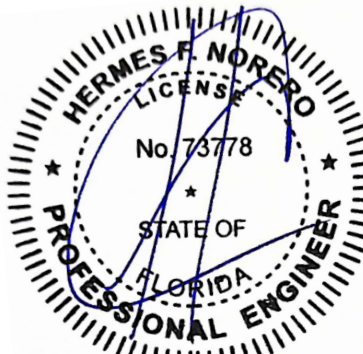
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SINGLE CASEMENT
(NON-HVHZ) (NON-IMPACT)
TYPICAL ELEVATIONS &
DESIGN PRESSURE TABLES

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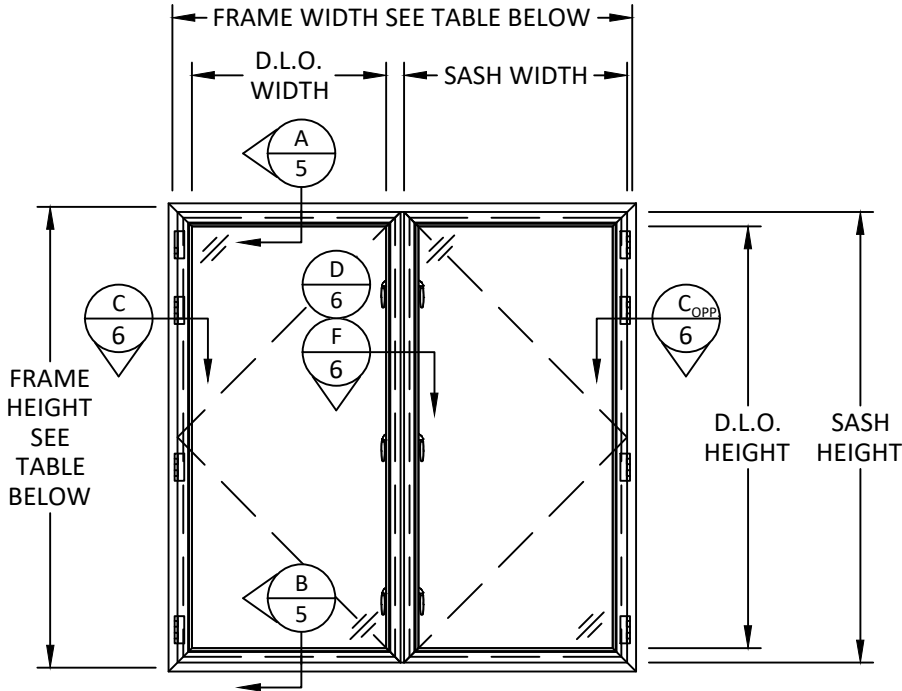
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SCALE: **NTS**

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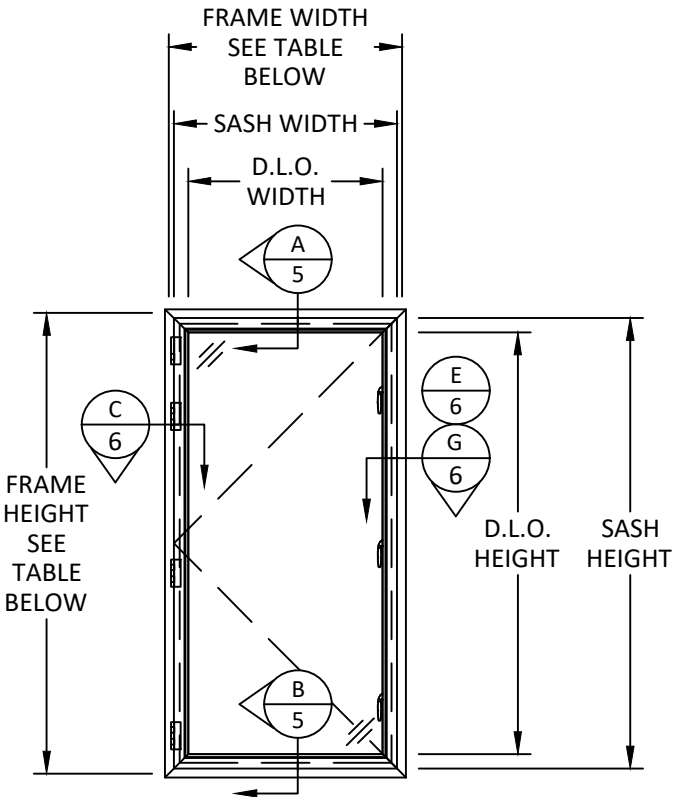
TYPICAL ELEVATION
FRENCH CASEMENT

CAM LOCK SHOWN, MULTIPOINT LOCK IS OPTIONAL AS SUBSTITUTION.

SASH HEIGHT = FRAME HEIGHT - 1 5/8"
FRENCH CS SASH WIDTH = FRAME WIDTH/2 - 1 1/16"
SINGLE CS SASH WIDTH = FRAME WIDTH - 1 5/8"

D.L.O. HEIGHT = FRAME HEIGHT - 6 1/8"
FRENCH CS D.L.O. WIDTH = FRAME WIDTH/2 - 5 9/16"
SINGLE CS D.L.O. WIDTH = FRAME WIDTH - 6 1/8"

NOTE:
1. ADDITIONAL HINGES AND LOCK POINTS SHALL BE REQUIRED FOR CASEMENT TALLER THAN 72" TO MAINTAIN THE SAME MAXIMUM SPACING BETWEEN HINGES AND LOCK POINTS AS THE 72" TALL CASEMENT.



TYPICAL ELEVATION
SINGLE CASEMENT

DESIGN PRESSURE TABLE (+/- PSF) - T225 FRENCH CASEMENT											
FRAME HEIGHT (IN.)	FRAME WIDTH (IN.)										
	42	48	54	60	66	72	78	84	90	96	102
48	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.87
51	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77
54	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77
57	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77
60	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77
63	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77
66	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77
69	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77
72	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77
75	70.00	70.00	70.00	70.00	66.00	61.27	50.35	37.14	27.99	21.49	16.77
78	70.00	70.00	69.91	63.39	58.18	53.95	50.35	37.14	27.99	21.49	16.77
81	70.00	69.54	62.08	56.24	51.57	47.76	44.63	37.14	27.99	21.49	16.77
84	70.00	62.08	55.38	50.13	45.93	42.50	39.66	37.14	27.99	21.49	16.77
87	63.57	55.65	49.62	44.88	41.09	37.99	35.42	33.27	27.99	21.49	16.77
90	57.24	50.09	44.63	40.35	36.91	34.10	31.77	29.81	27.99	21.49	16.77
93	51.73	45.24	40.29	36.41	33.28	30.73	28.60	26.82	25.31	21.49	16.77
96	46.90	41.00	36.50	32.97	30.12	27.79	25.85	24.22	22.84	21.49	-
99	42.66	37.28	33.18	29.95	27.35	25.22	23.44	21.95	20.68	19.59	-
102	38.91	34.00	30.24	27.29	24.91	22.95	21.33	19.96	18.79	-	-
105	35.59	31.09	27.65	24.94	22.75	20.96	19.46	18.20	17.13	-	-
108	32.64	28.50	25.34	22.85	20.84	19.19	17.81	16.65	-	-	-

DESIGN PRESSURE TABLE (+/- PSF) - T225 SINGLE CASEMENT												
FRAME HEIGHT (IN.)	FRAME WIDTH (IN.)											
	21	24	27	30	33	36	39	42	45	48	51	
48	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.87	
51	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77	
54	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77	
57	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77	
60	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77	
63	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77	
66	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77	
69	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77	
72	70.00	70.00	70.00	70.00	70.00	70.00	50.35	37.14	27.99	21.49	16.77	
75	70.00	70.00	70.00	70.00	70.00	69.10	50.35	37.14	27.99	21.49	16.77	
78	70.00	70.00	70.00	70.00	70.00	68.30	50.35	37.14	27.99	21.49	16.77	
81	70.00	70.00	70.00	70.00	70.00	67.57	50.35	37.14	27.99	21.49	16.77	
84	70.00	70.00	70.00	70.00	70.00	66.92	50.35	37.14	27.99	21.49	16.77	
87	70.00	70.00	70.00	70.00	70.00	66.32	50.35	37.14	27.99	21.49	16.77	
90	70.00	70.00	70.00	70.00	70.00	65.78	50.35	37.14	27.99	21.49	16.77	
93	70.00	70.00	70.00	70.00	70.00	65.28	50.35	37.14	27.99	21.49	16.77	
96	70.00	70.00	70.00	70.00	70.00	64.82	50.35	37.14	27.99	21.49	-	
99	70.00	70.00	70.00	70.00	70.00	64.40	50.35	37.14	27.99	21.49	-	
102	70.00	70.00	70.00	70.00	69.72	64.01	50.35	37.14	27.99	-	-	
105	70.00	70.00	70.00	70.00	69.37	63.65	50.35	37.14	27.99	-	-	
108	70.00	70.00	70.00	70.00	69.04	63.31	50.35	37.14	-	-	-	



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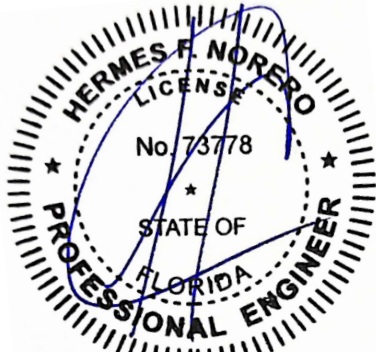
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TYPICAL ELEVATIONS

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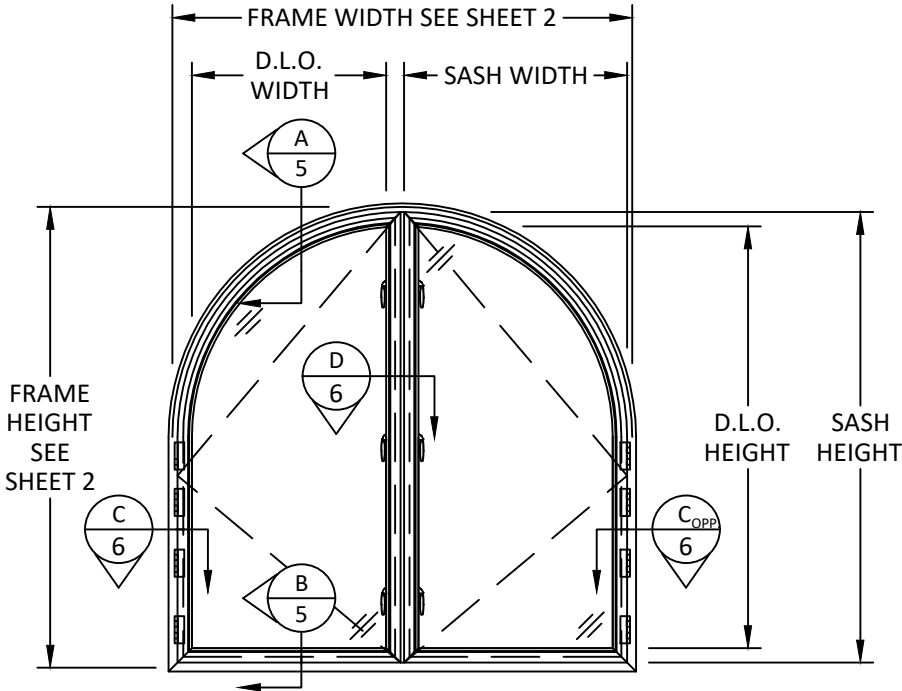
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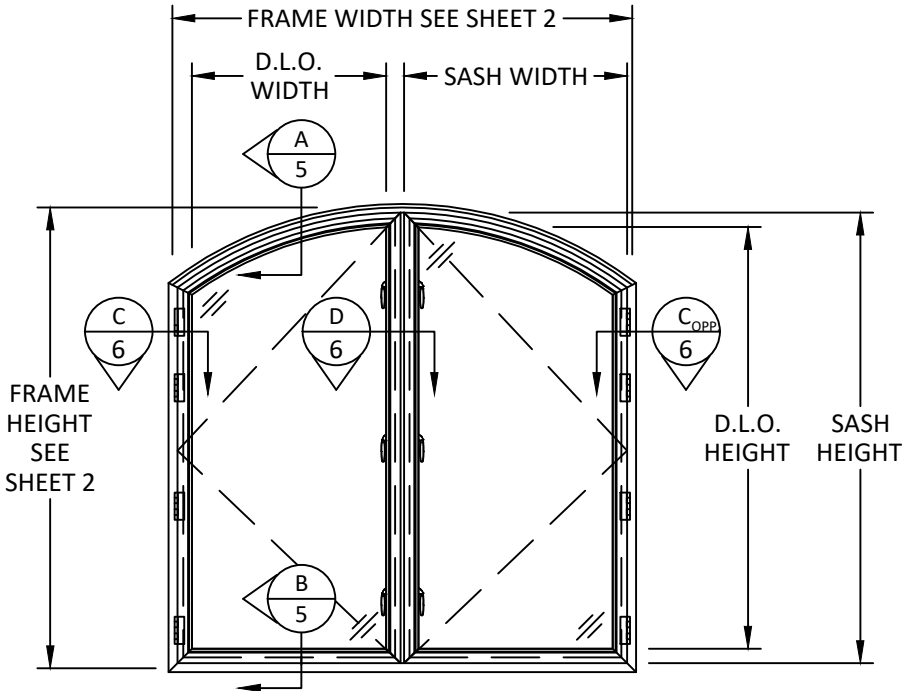


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FL #:	FL48004
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DWG. BY:	CHK. BY:
MS	HFN
SCALE:	NTS
DWG. #:	ADC028
SHEET:	3



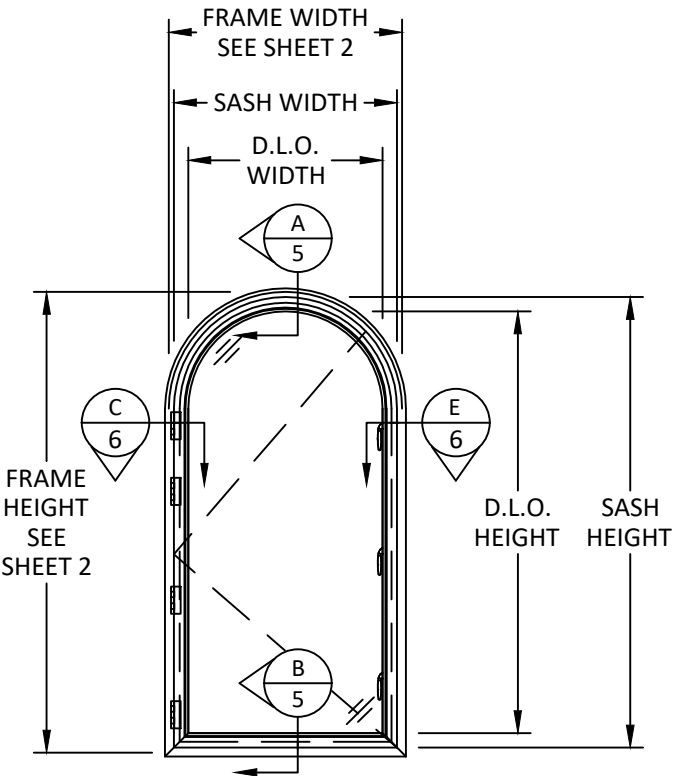
TYPICAL ELEVATION
FRENCH CASEMENT, ROUND TOP



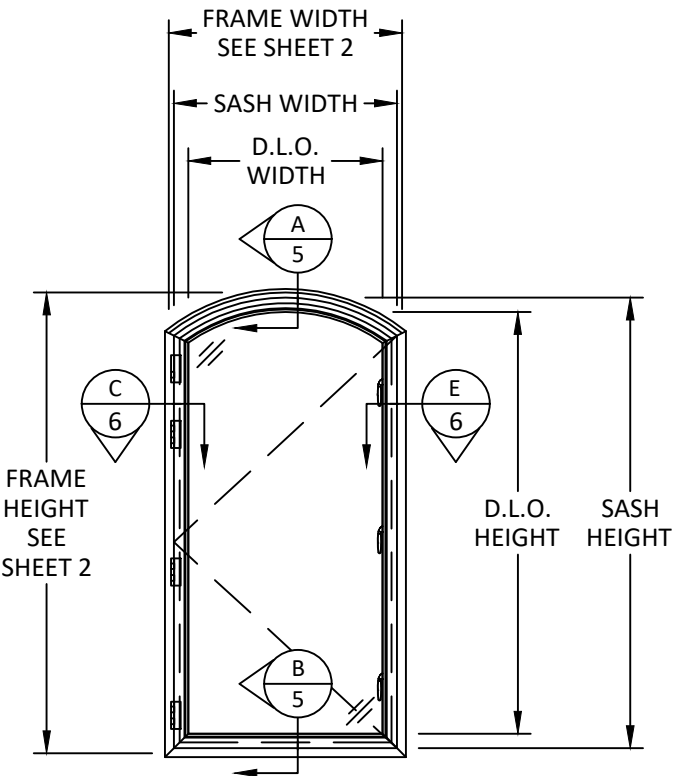
TYPICAL ELEVATION
FRENCH CASEMENT, ARCH TOP

SASH HEIGHT = FRAME HEIGHT - 1 5/8"
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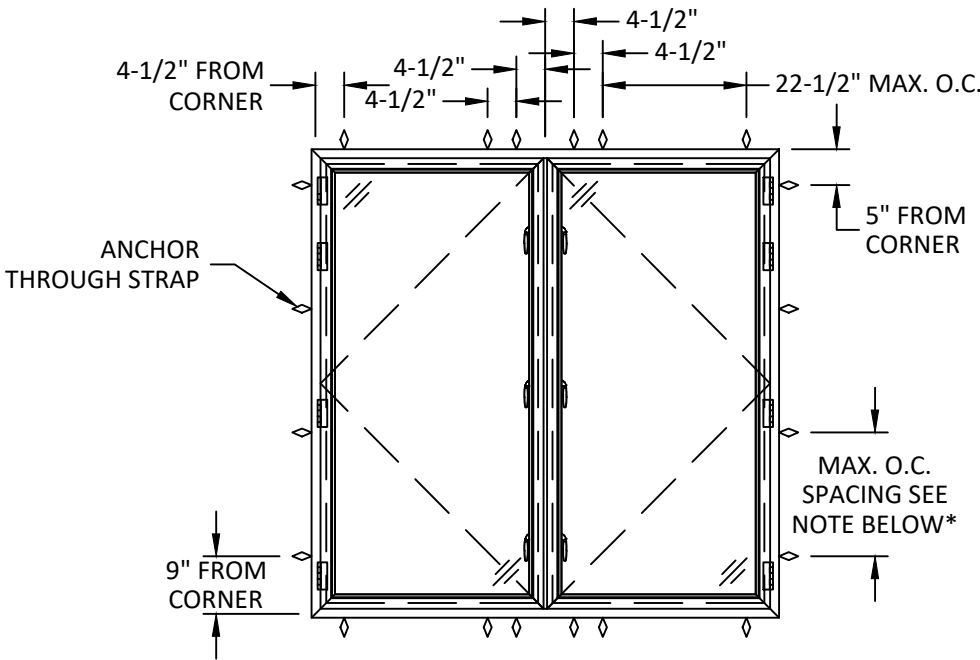


TYPICAL ELEVATION
SINGLE CASEMENT, ROUND TOP

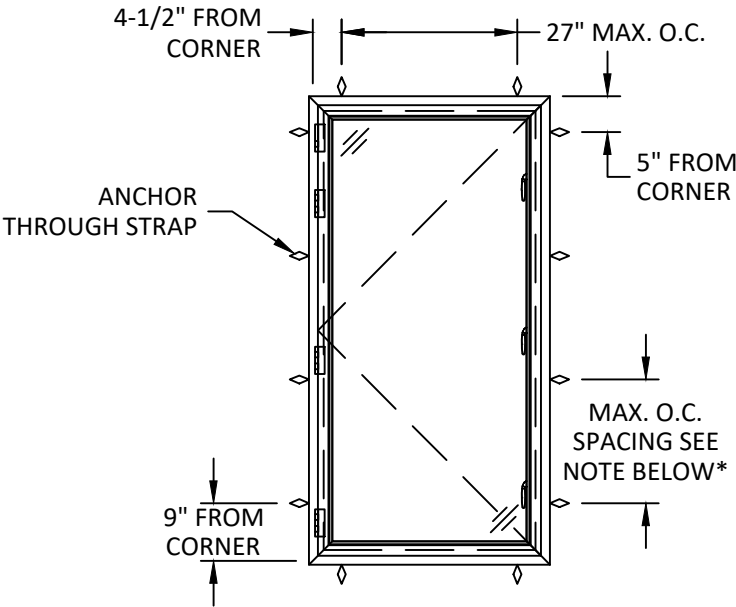


TYPICAL ELEVATION
SINGLE CASEMENT, ARCH TOP

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ANCHOR LAYOUT
FRENCH CASEMENT, THRU. STRAP



ANCHOR LAYOUT
SINGLE CASEMENT, THRU. STRAP

- * MAX. SPACING FOR ANCHORS AT JAMBS:
1. WHEN INSTALLED ON STEEL/ALUMINUM/CONCRETE/MASONRY: 19-5/16"
 2. WHEN INSTALLED ON WOOD WITH 1/4" SHIM: 19-5/16"
 3. WHEN INSTALLED ON WOOD WITH 1/2" SHIM: 11-5/8"
- SEE SHEET 6 FOR SUBSTRATE REQUIREMENT AND INSTALLATION DETAILS.

NOTE: ROUND AND ARCH TOP CASEMENTS SHALL FOLLOW THE SAME MAXIMUM ANCHOR SPACING AND DISTANCE TO CORNER DESCRIBED ON THIS SHEET.



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ANCHOR LAYOUTS

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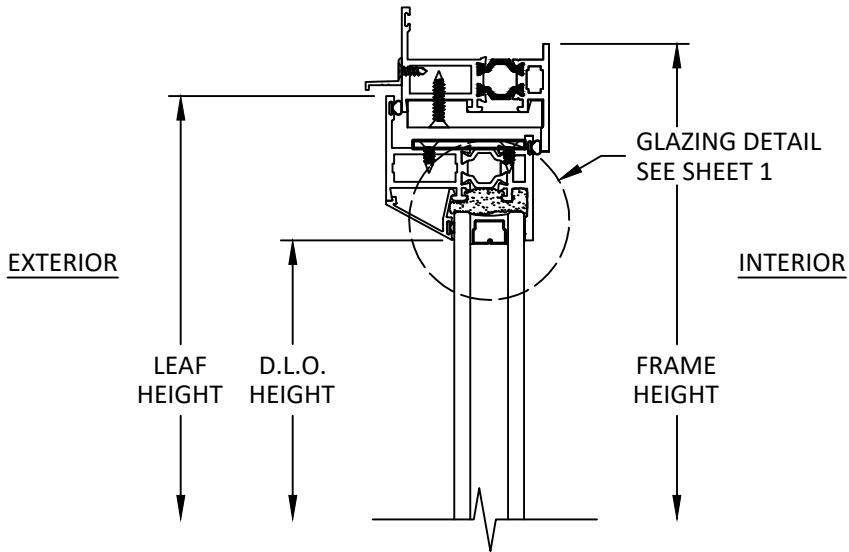
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SCALE: **NTS**

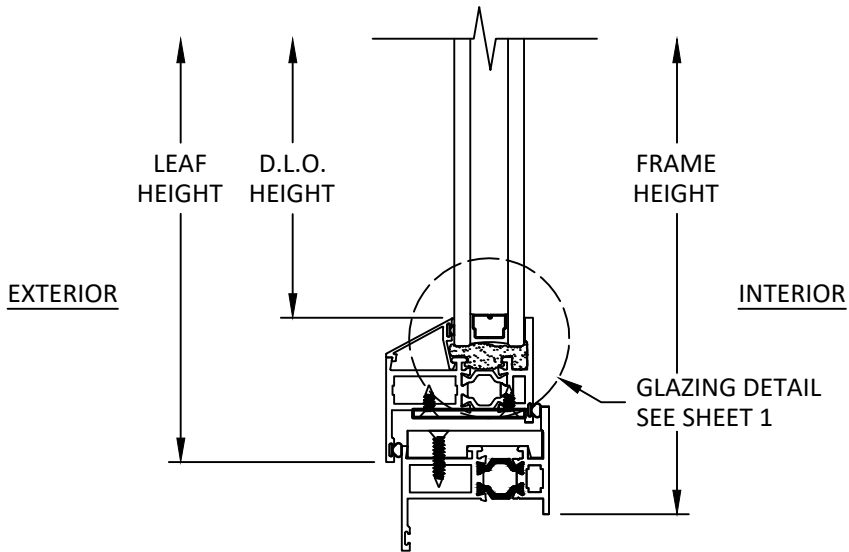
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SHEET: **4**

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A
5 VERTICAL SECTION
HEAD



B
5 VERTICAL SECTION
SILL



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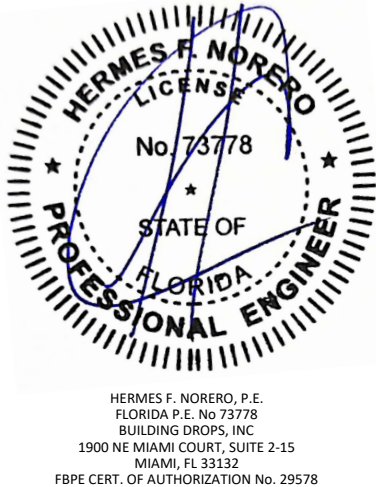
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VERTICAL SECTIONS

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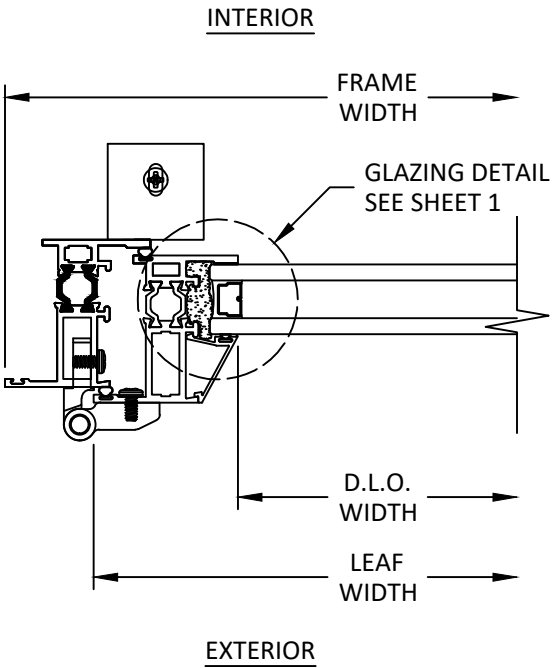
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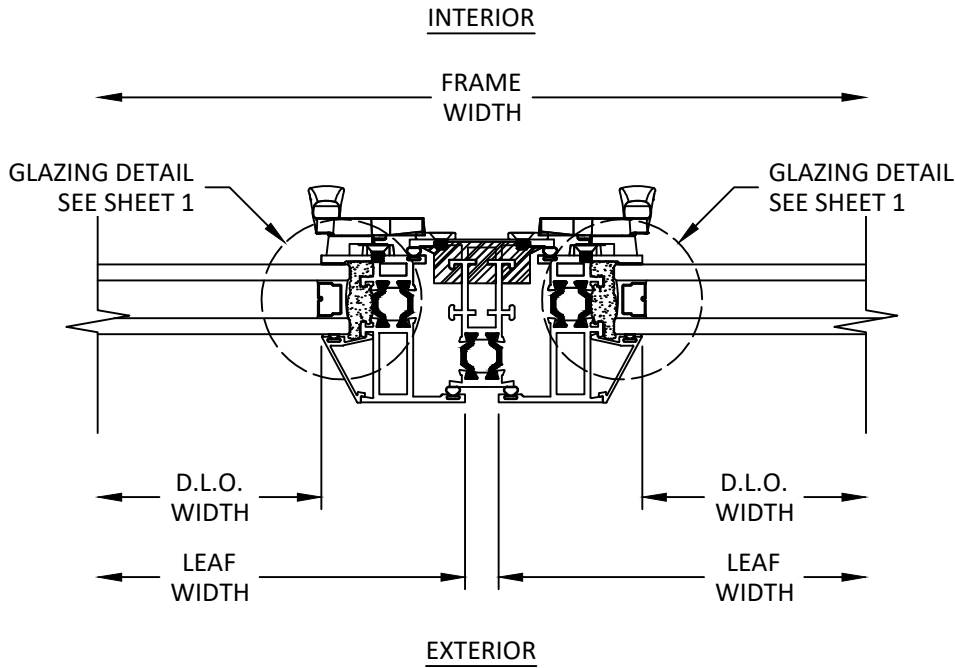
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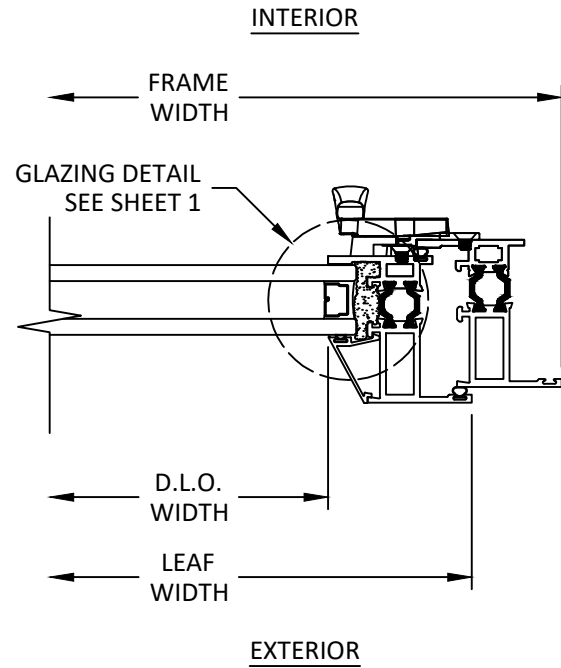
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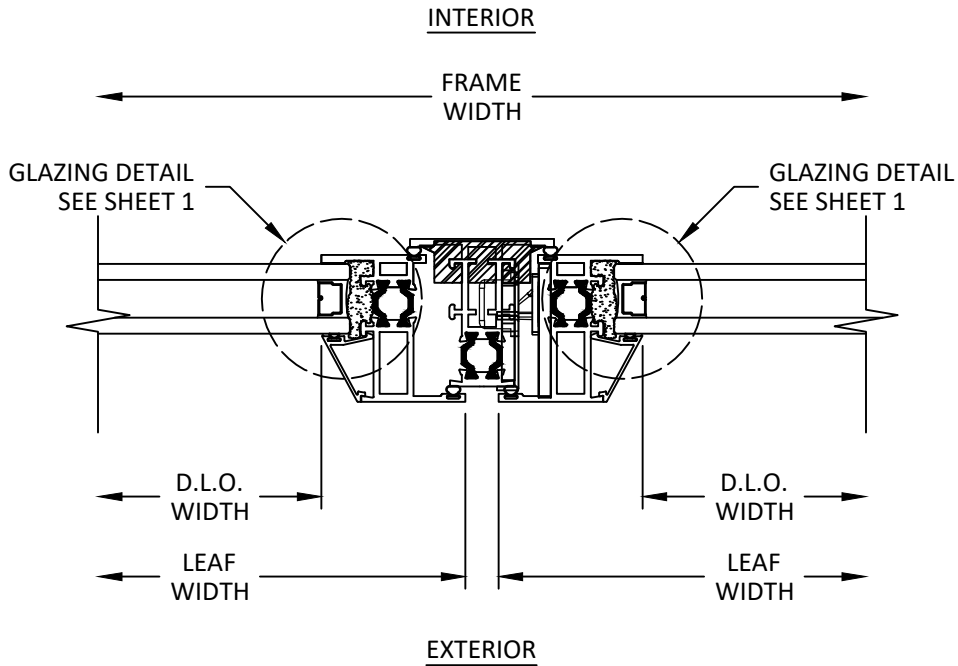
C
6 HORIZONTAL SECTION
HINGE JAMB



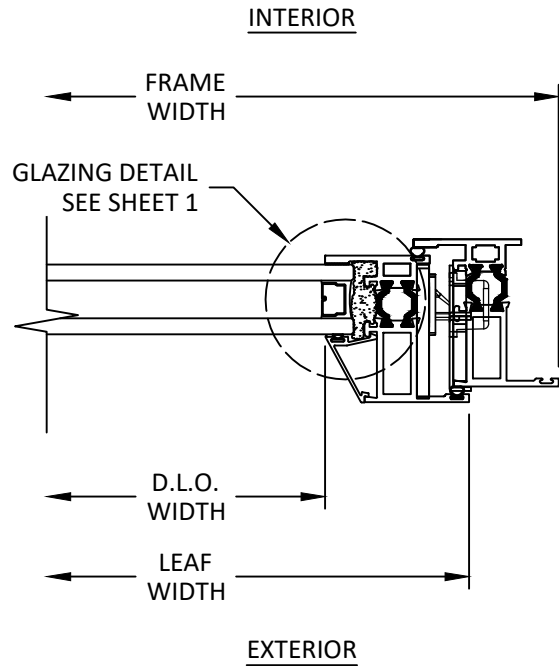
D
6 HORIZONTAL SECTION
MEETING STILE



E
6 HORIZONTAL SECTION
LOCK JAMB



F
6 HORIZONTAL SECTION
MEETING STILE
OPTIONAL MULTIPOINT LOCK



G
6 HORIZONTAL SECTION
LOCK JAMB
OPTIONAL MULTIPOINT LOCK



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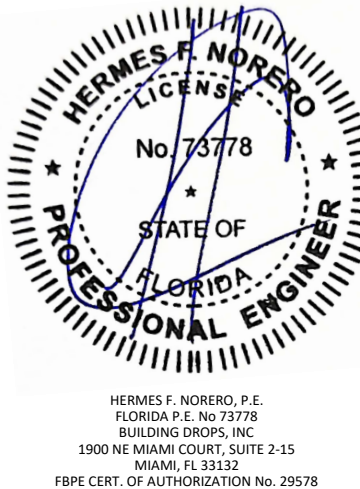
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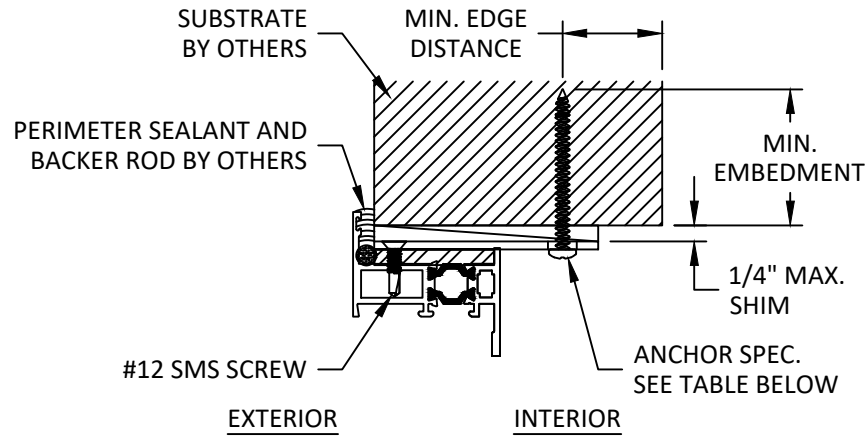
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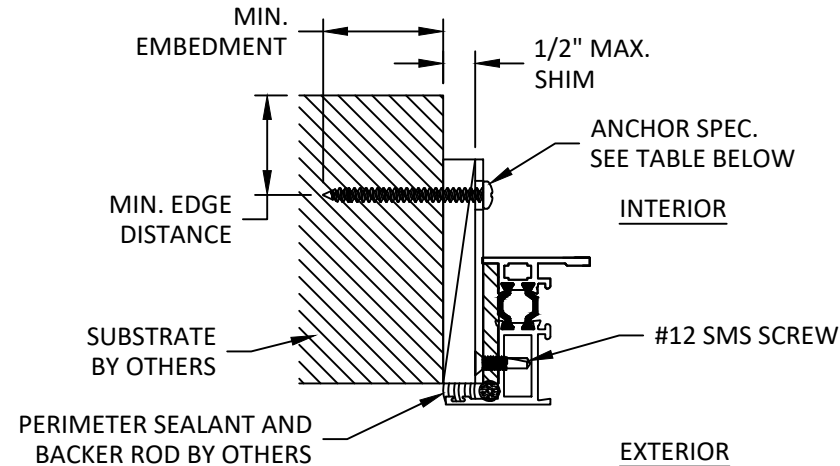


HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL48004
DATE:	01.26.2026
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	ADC028
SHEET:	6



F
7 **INSTALLATION DETAILS**
HEAD SHOWN, SILL SIMILAR
ANCHOR THROUGH STRAP



G
7 **INSTALLATION DETAILS**
JAMB SHOWN
ANCHOR THROUGH STRAP

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR INTO SUBSTRATE IS REQUIRED AT EACH ANCHOR LOCATION.
- 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 $\pm 1/4$ 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.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/2 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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.
- 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				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH STRAP	WOOD: MIN. S.G. = 0.55	#12 WOOD SCREW	1-1/2"	1"
	STEEL: MIN. 18 GA. MIN. Fy = 33 ksi	#12 GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	1/2"
	ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5			
	CONCRETE: MIN. f'c = 3000 psi	1/4" ITW TAPCON	1-1/2"	1-1/2"
	MASONRY: HOLLOW OR GROUT- FILLED BLOCK per ASTM C90, MIN. 2000 PSI		1"	2"



ARCADIA CUSTOM
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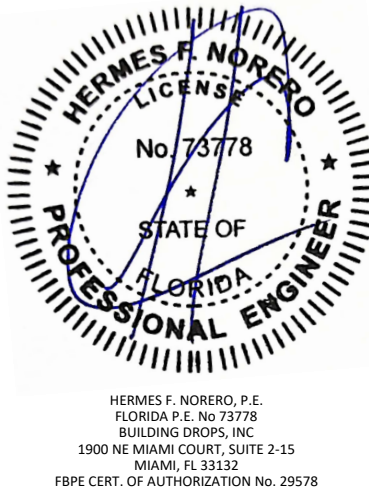
TITLE: T225 - OUTSWING FRENCH/
SINGLE CASEMENT
(NON-HVHZ) (NON-IMPACT)
INSTALLATION DETAILS & NOTES

PREPARED BY:

BUILDING DROPS, INC.
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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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SHEET: **7**