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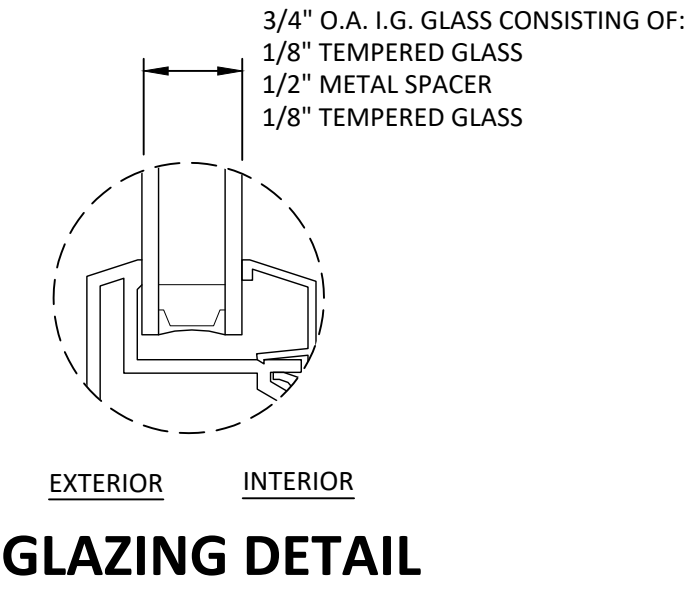
ANDERSEN CORPORATION

200 SERIES HINGED PATIO DOOR - INSWING

(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-11
2. 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.
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. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: PONDEROSA PINE OR EQUIVALENT WITH FIBERGLASS CLADDING (MIN SG = 0.40) AND ALUMINUM 6063-T5.
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
9. CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE
10. IN ACCORDANCE WITH THE CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN CHAPTER 23.
11. IN ACCORDANCE WITH THE CURRENT FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS DEFINED IN CHAPTER 20.



GLAZING NOTES

- 1) GLASS TYPE AND THICKNESS COMPLIES 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.
- 2) SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- 3) SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.

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SIZE	CONFIGURATION	DESIGN PRESSURE (PSF)		MISSILE IMPACT RATING
		POS.	NEG.	
71.3" x 95.5"	XO	30	30	NON-IMPACT
38.125" x 95.5"	X			
71.25" X 82.375"	XX			
71.25" x 95.5"	XX			
36" X 95.5"	X			
36" X 95.5"	O			

NOTE: ALL SIZES MEET DP30 WATER INFILTRATION REQUIREMENTS EXCEPT 38.125" X 95.5" WHICH MEETS 0 PSF LIMITED WATER REQUIREMENTS.



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TITLE: 200 SERIES HINGED PATIO
DOOR - INSWING
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES AND
GLAZING DETAIL

PREPARED BY:

BUILDING DROPS, INC.

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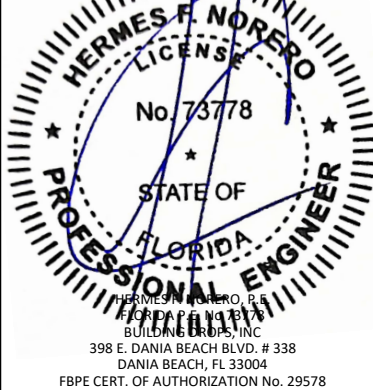
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Reason: I am approving this document
Date: 2023.08.14 20:08:16 -04'00'



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SCALE: NTS

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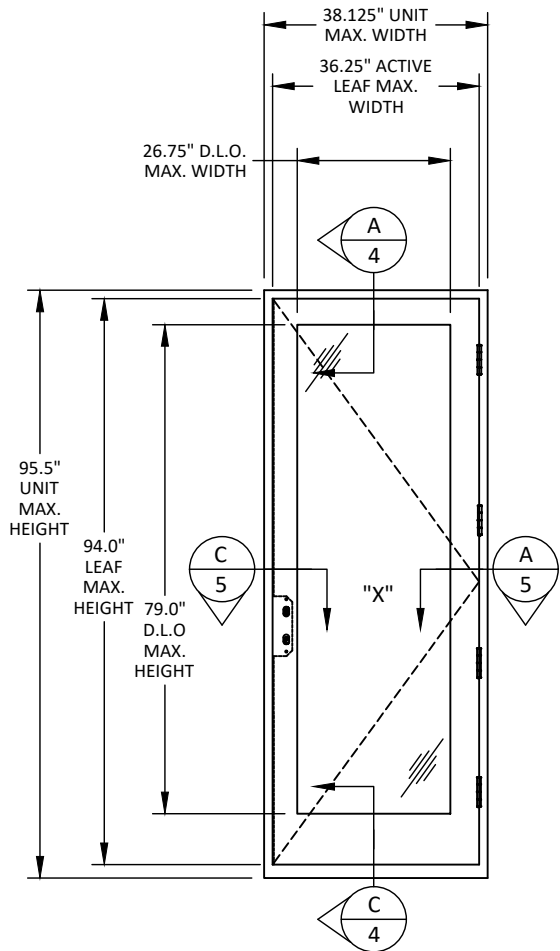
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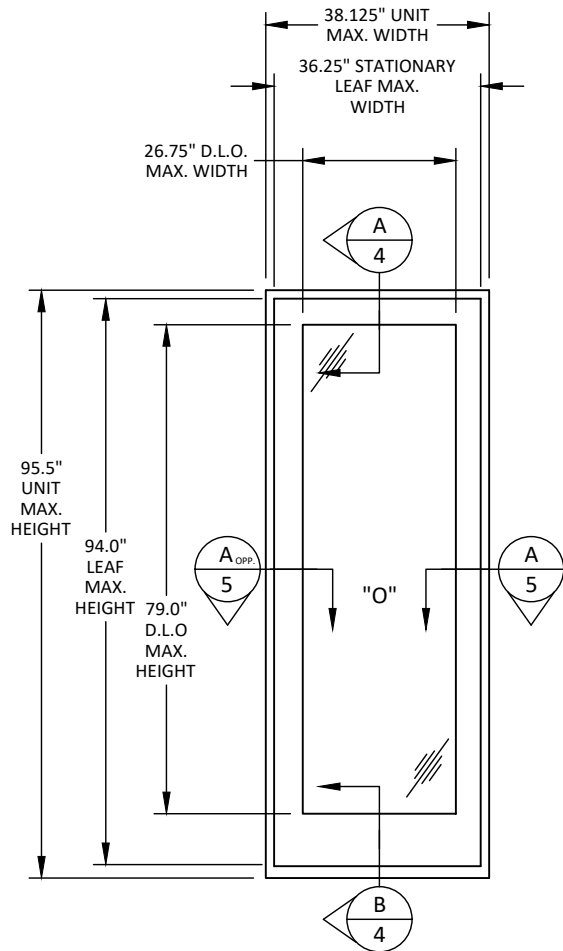
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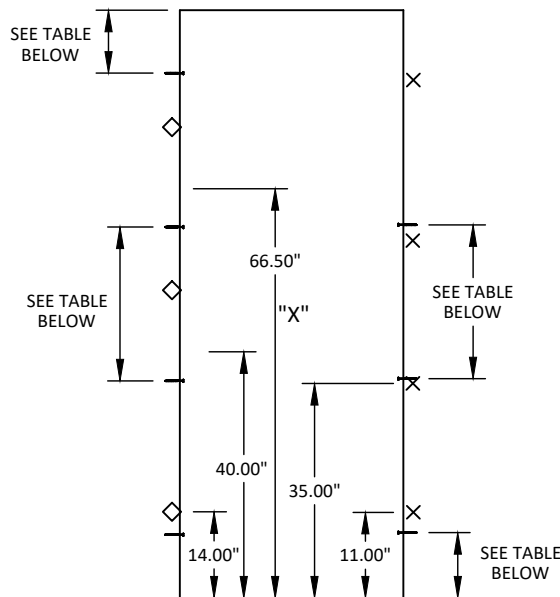
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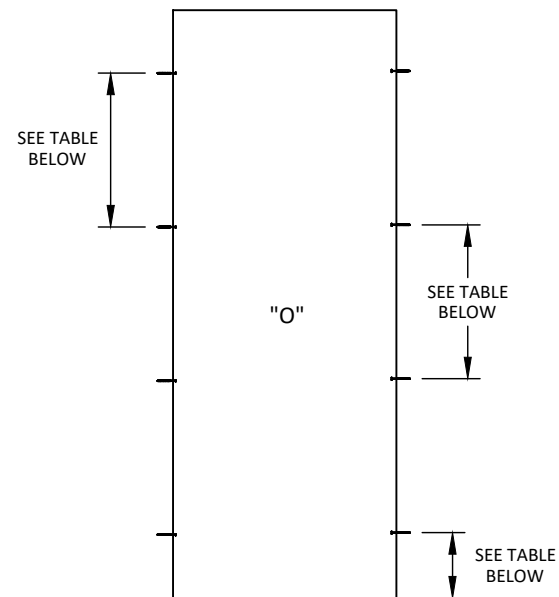
ELEVATION
OPERABLE



ELEVATION
STATIONARY



ANCHOR LAYOUT
OPERABLE



ANCHOR LAYOUT
STATIONARY

DOOR LEGEND
× = TWO (2) ANCHORS THROUGH HINGE PLATE
◇ = TWO (2) ANCHORS THROUGH RECEIVER

ANCHOR SCHEDULE					
SIZE (IN.)	CONFIGURATION	JAMBS			
		MAX. FROM CORNER (IN.)	MIN. ANCHOR QUANTITY AT HINGE JAMB	MIN. ANCHOR QUANTITY AT LOCK JAMB	MIN. ANCHOR QUANTITY AT STATIONARY JAMBS
38.125 x 95.5	X or O	10.0 & 34.0	8	6	4
36 X 95.5	X or O	10.0 & 34.0	8	6	4
36 X 95.5	X or O	10.0 & 34.0	8	6	4

NOTE:

- ANCHOR SCHEDULE REFLECTS MINIMUM NUMBER OF ANCHORS REQUIRED, TOTAL QUANTITY MAY VARY DEPENDING ON LEGEND REQUIREMENTS.
- HINGE REQUIREMENTS - DOORS GREATER THAN 8' IN HEIGHT SHALL UTILIZE 5 HINGES, DOORS GREATER THAN 6'-10 3/8" IN HEIGHT SHALL UTILIZE 4 HINGES, AND DOORS EQUAL TO OR LESS THAN 6'-10 3/8" SHALL UTILIZE 3 HINGES.



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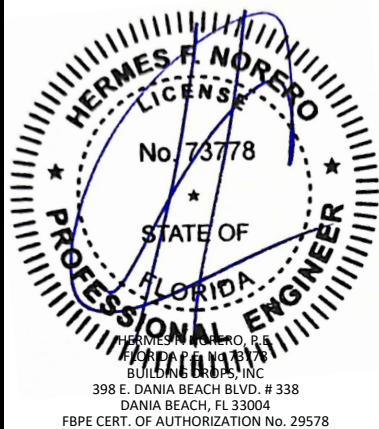
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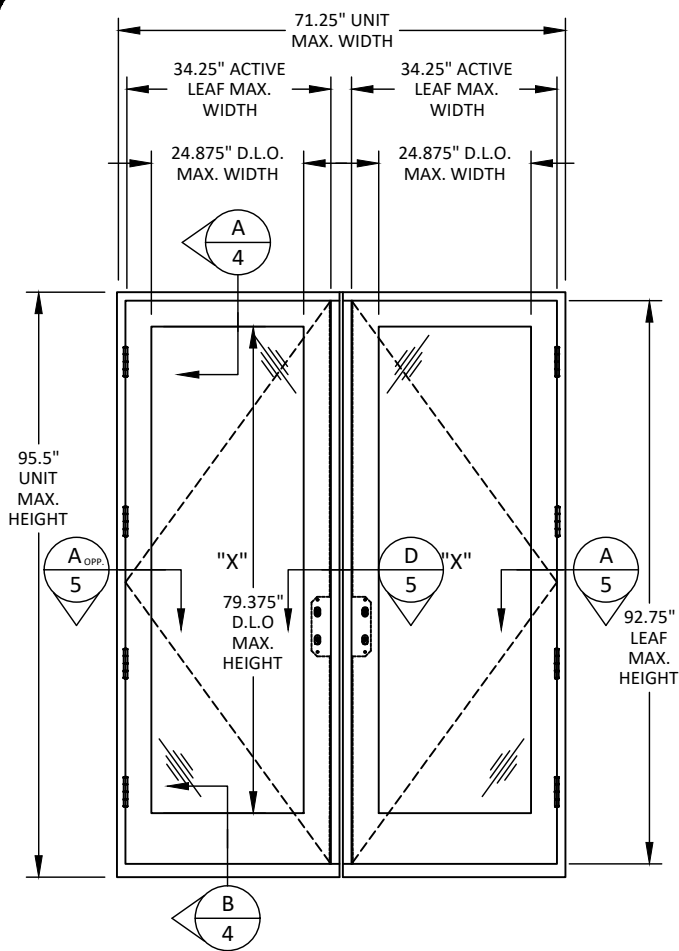
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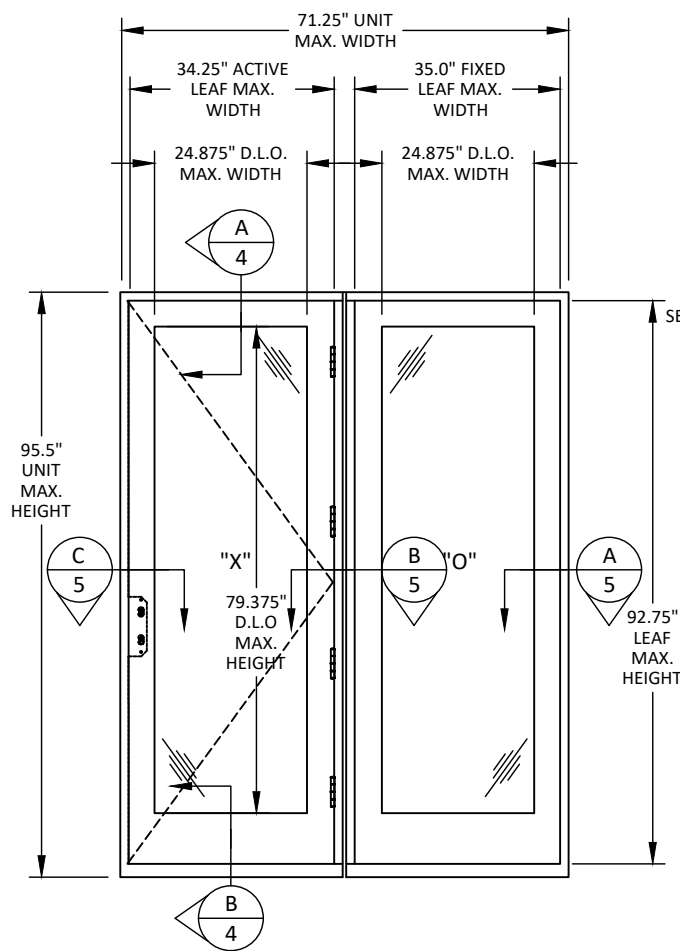
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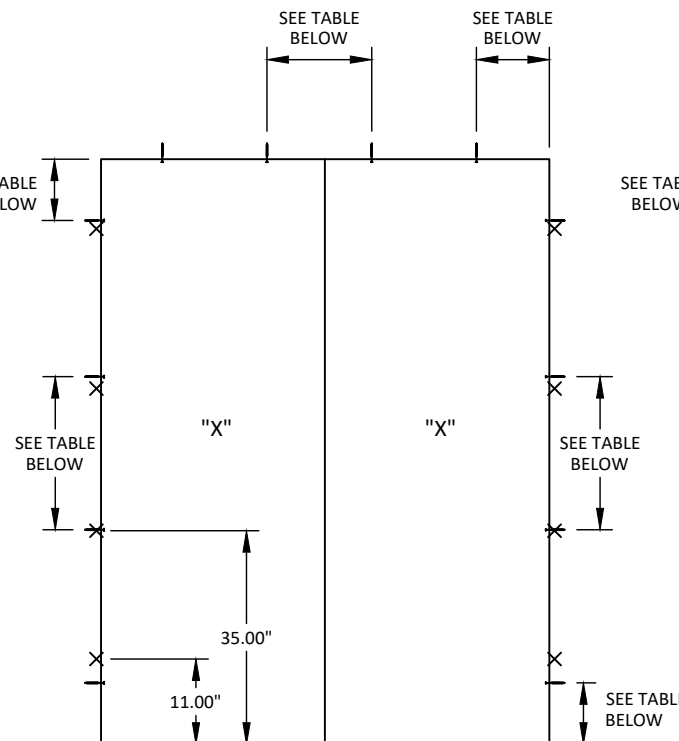
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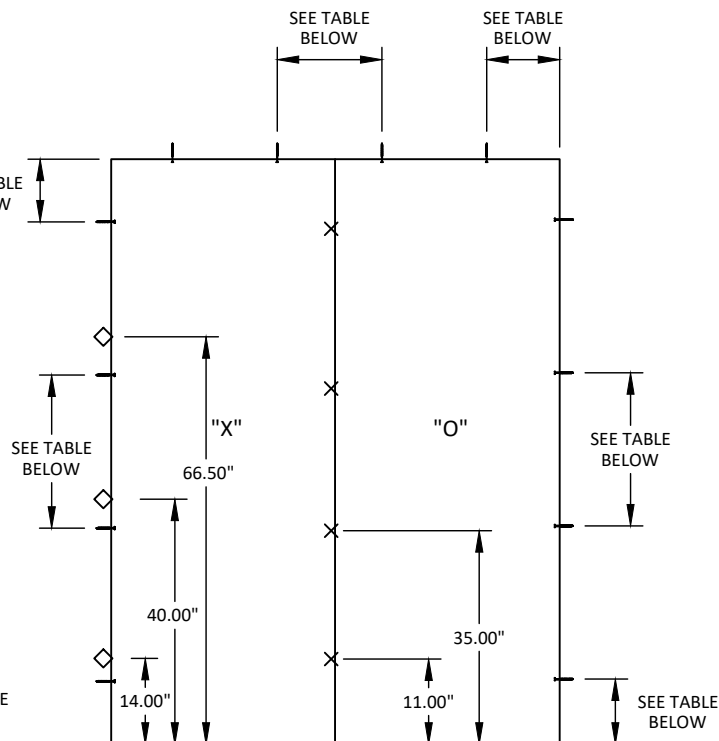
ELEVATION
OPERABLE TO OPERABLE



ELEVATION
OPERABLE TO STATIONARY



ANCHOR LAYOUT
OPERABLE TO OPERABLE



ANCHOR LAYOUT
OPERABLE TO STATIONARY

DOOR LEGEND
× = TWO (2) ANCHORS THROUGH HINGE PLATE
◇ = TWO (2) ANCHORS THROUGH RECEIVER

ANCHOR SCHEDULE						
SIZE (IN.)	CONFIGURATION	HEAD			JAMBS	
		MAX. FROM CORNER (IN.)	MAX. O.C. (IN.)	ANCHOR QUANTITY	MAX. FROM CORNER (IN.)	MIN. ANCHOR QUANTITY AT HINGE JAMBS
71.30 X 95.50	XO	18.00	MIDSPAN	2	10.0 & 35.0	8
71.25 X 82.375	XX	18.00	MIDSPAN	2	10.0 & MIDSPAN	6
71.25 X 95.50	XX	18.00	MIDSPAN	2	10.0 & 35.0	8

NOTE:

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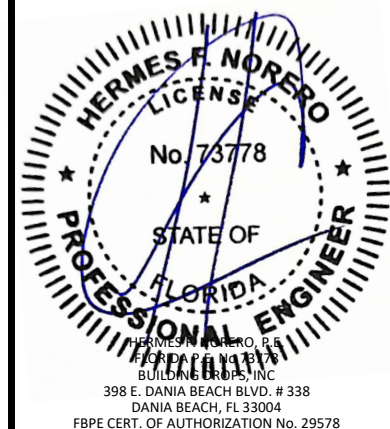
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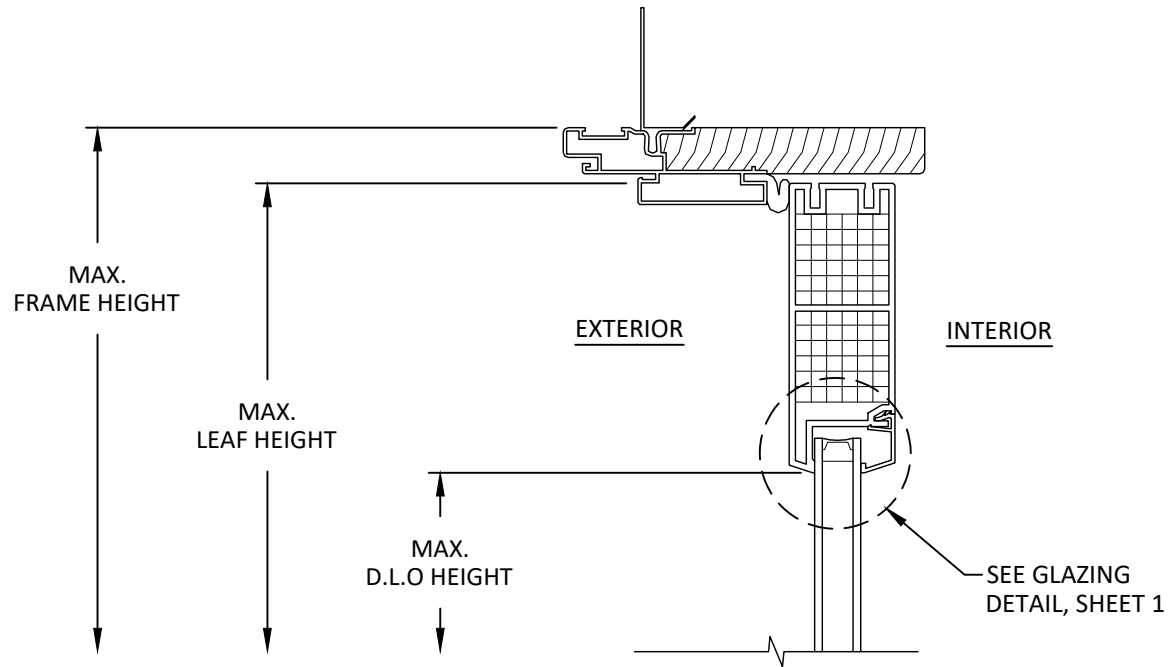
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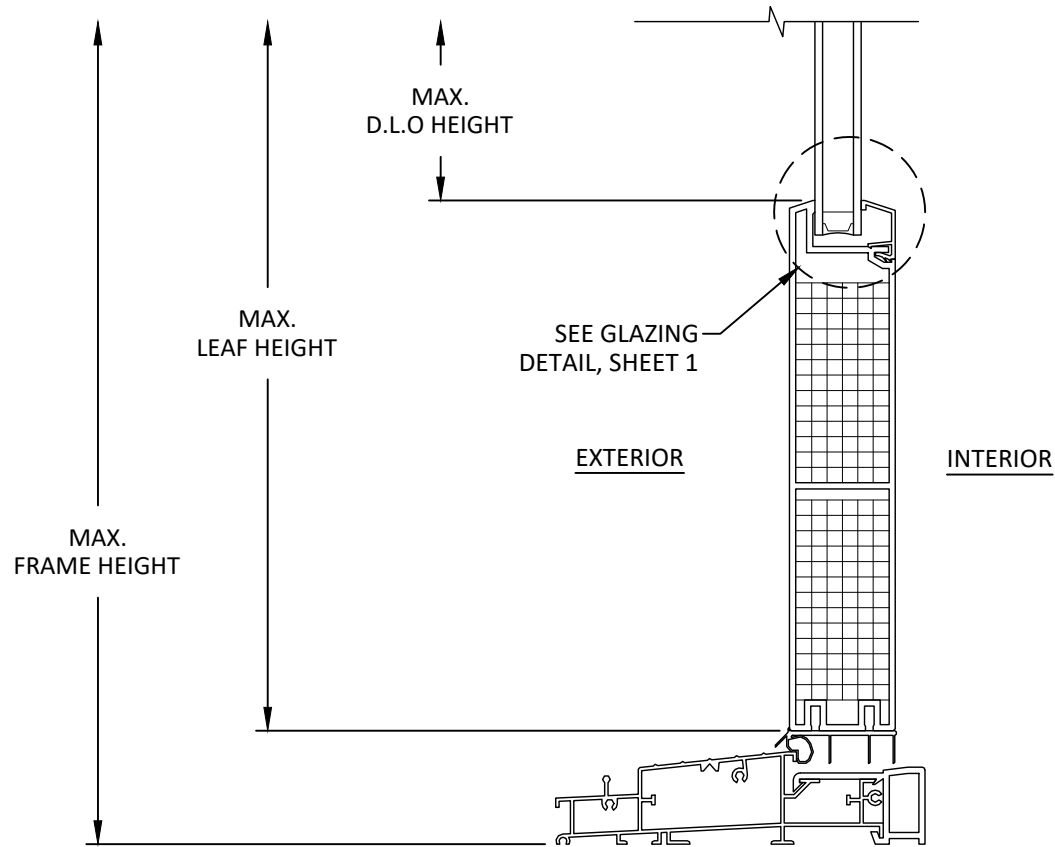
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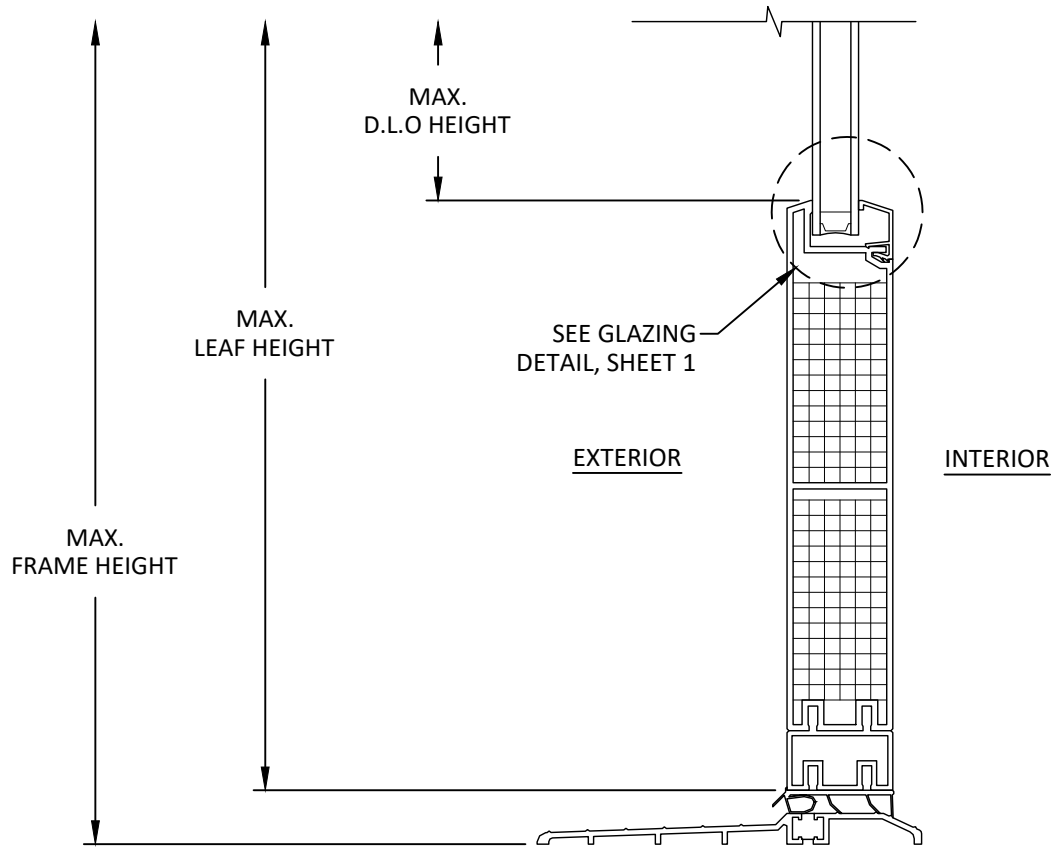
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A
4 **VERTICAL SECTION**
HEAD DETAIL



B
4 **VERTICAL SECTION**
SILL DETAIL



C
4 **VERTICAL SECTION**
LOW THRESHOLD SILL DETAIL



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VERTICAL SECTIONS

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HORIZONTAL SECTIONS

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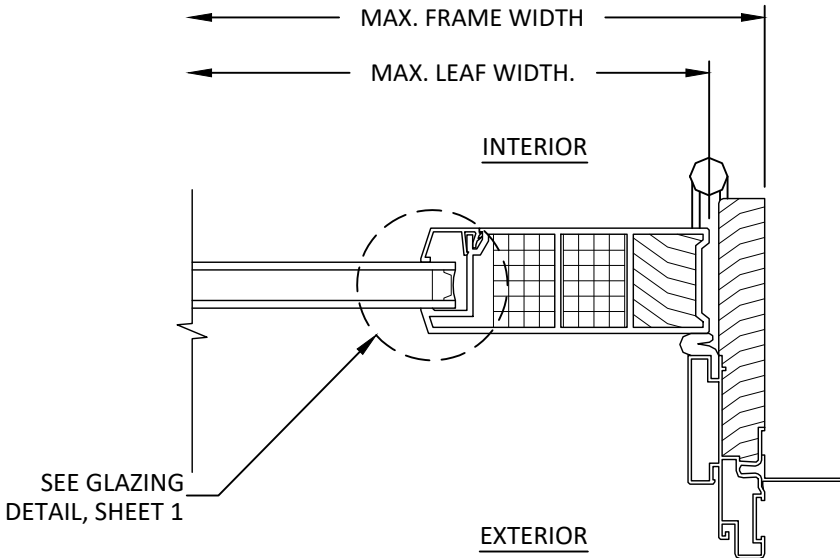


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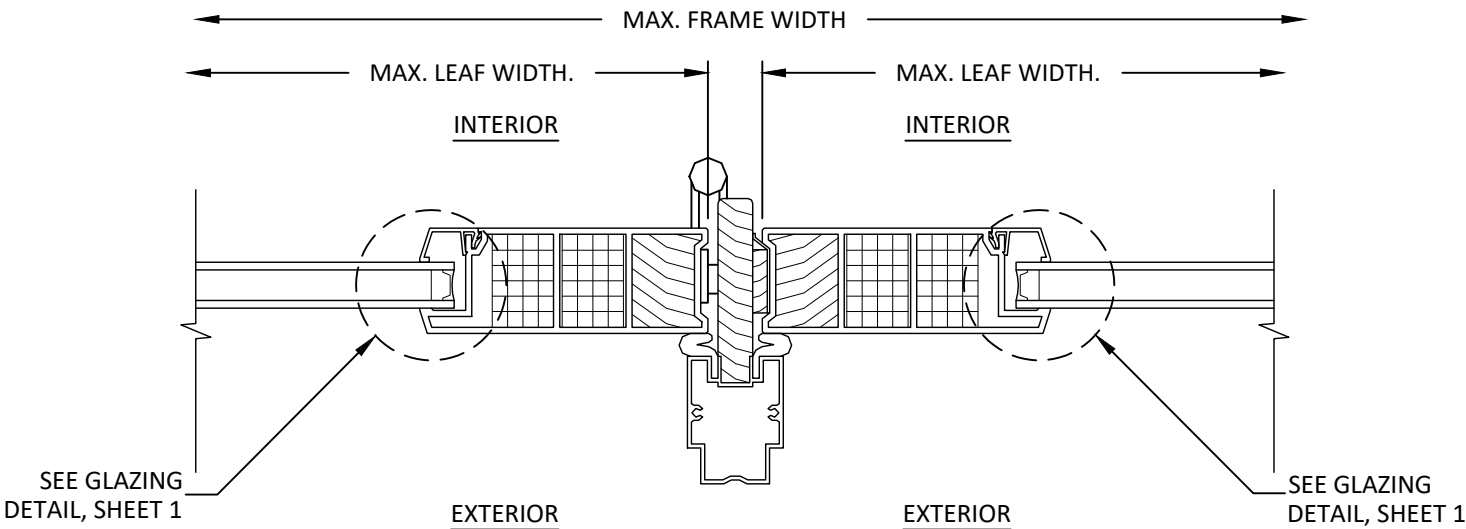
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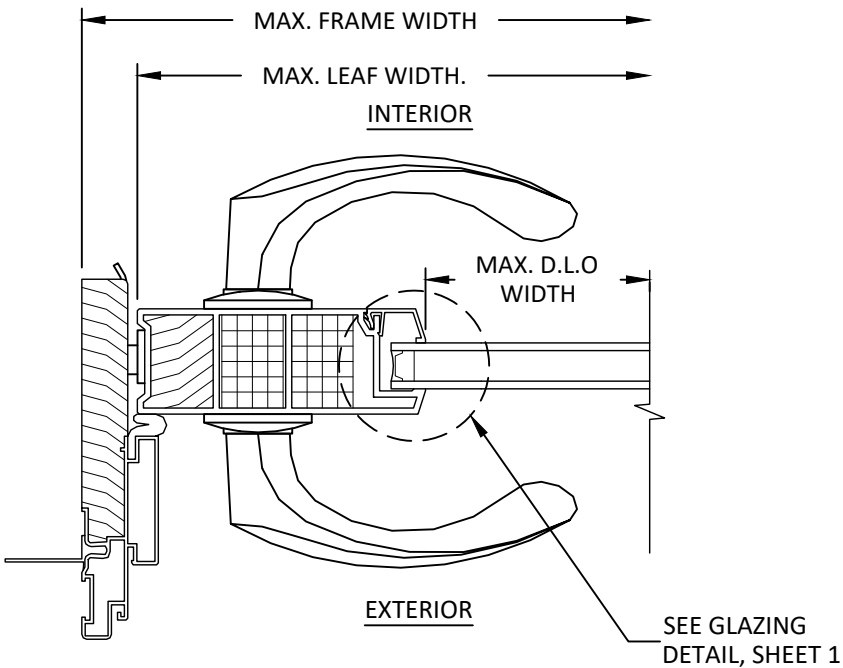
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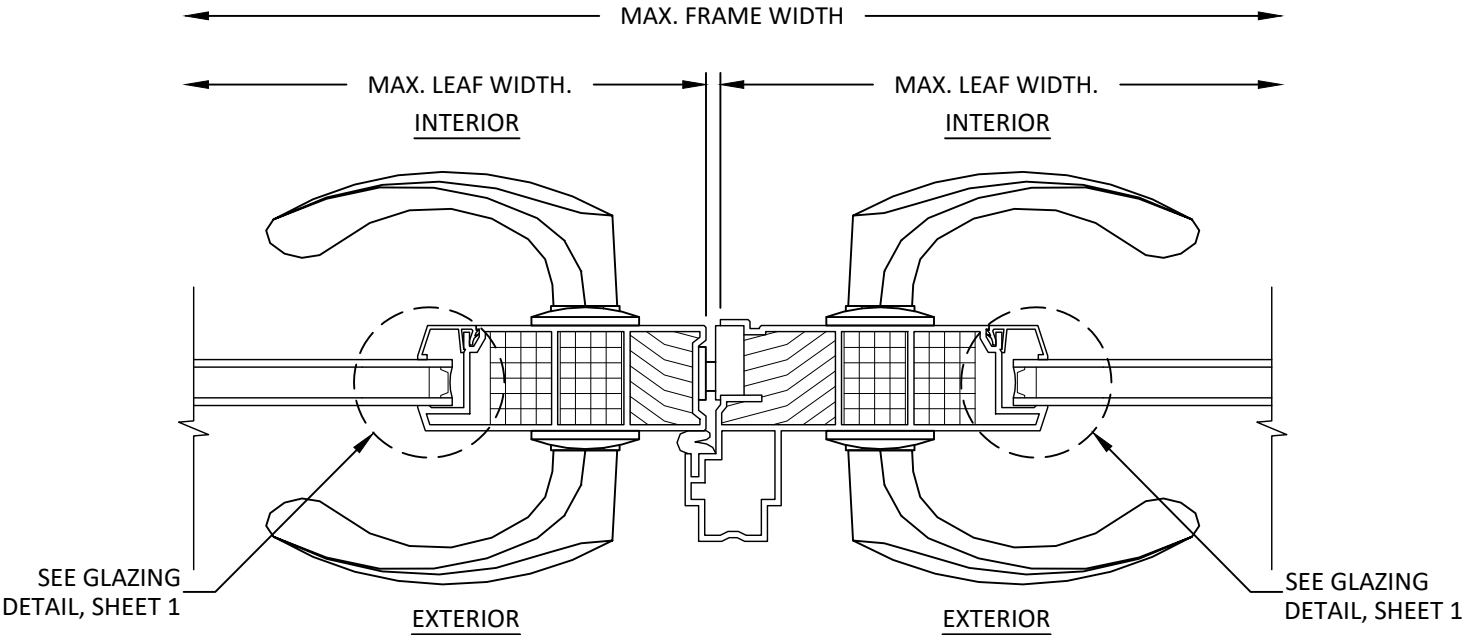
A HORIZONTAL SECTION
5 HINGED JAMB DETAIL



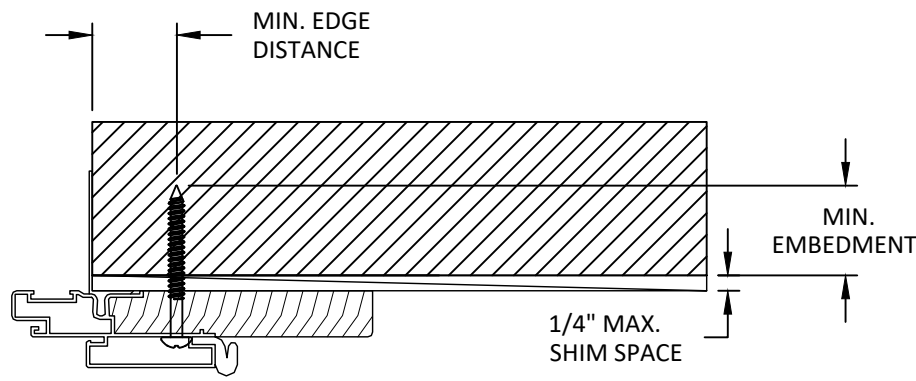
B HORIZONTAL SECTION
5 HINGED ASTRAGAL DETAIL



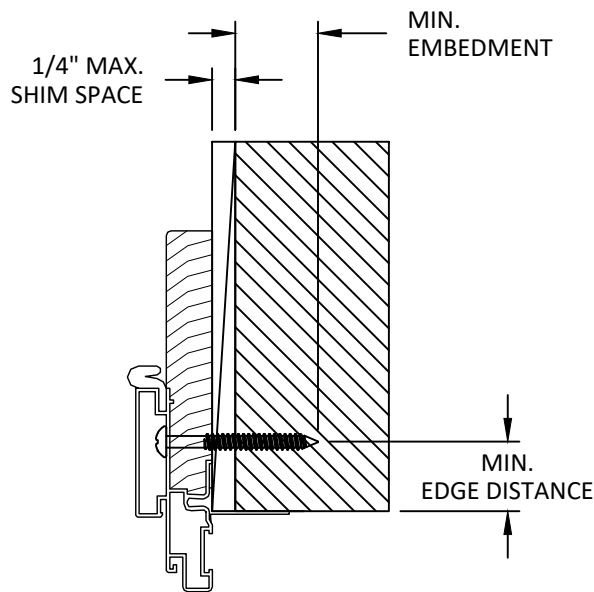
C HORIZONTAL SECTION
5 LOCK SIDE DETAIL



D HORIZONTAL SECTION
5 ASTRAGAL DETAIL



A
6 **ANCHOR DETAIL**
HEAD - THROUGH FRAME INSTALLATION



B
6 **ANCHOR DETAIL**
JAMB - THROUGH FRAME INSTALLATION

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. FOR 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.
7. 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 SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI OR 1/8" THICK ALUMINUM, MIN. (6063-T5)	#10 SMS OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.50"	2 1/8"
	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI		1.25"	2 3/8"



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ANCHOR DETAILS, ANCHOR SCHEDULE,
& INSTALLATION NOTES

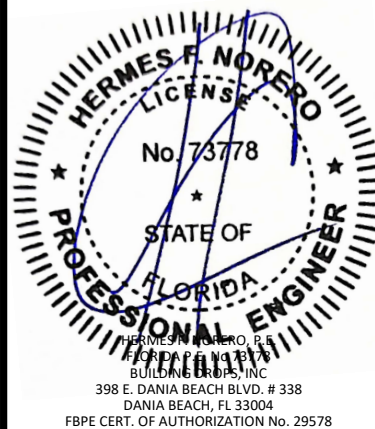
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