

ANDERSEN CORPORATION

A-SERIES HINGED PATIO DOOR-OUTSWING

WITH STORMWATCH PROTECTION

(HVHZ)(IMPACT)

INSTALLATION NOTES:

- ONE (1)* INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 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.
- 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 1924 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 1924 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM WALL THICKNESS OF 33 MILS (0.033" or 20 GAUGE). MIN. 1/2" EDGE DISTANCE.
 - ALUMINUM - MINIMUM 1/8" THICKNESS. (6063-T5)

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:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM 1886-13a
 - ASTM 1996-17
 - 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.
- DOOR FRAME MATERIAL: *PONDEROSA PINE OR EQUIVALENT WITH FIBERGLASS CLADDING. (MIN SG = 0.40)*
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:*
X: OPERABLE PANEL
O: FIXED PANEL
- CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.
- IN ACCORDANCE WITH THE CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS PER CH. 23.
- IN ACCORDANCE WITH THE FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS PER CH. 20.

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WATER RATING	MISSILE IMPACT RATING
W/ WATER INFILTRATION	LARGE AND SMALL MISSILE IMPACT RATED



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TITLE: A-SERIES HINGED
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WITH STORMWATCH PROTECTION
(HVHZ)(IMPACT)

GENERAL NOTES

PREPARED BY: BUILDING DROPS, INC.

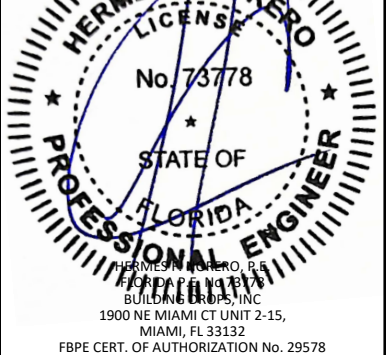
1900 NE MIAMI CT UNIT 2-15,
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REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	1.17.20
CONTEMPORARY UPD.	SH	2.2.23
INSTALLATION UPD.	FB	12.9.23

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Digitally signed by Hermes E. Norero, P.E.
Reason: I am approving this document
Date: 2024.12.24 15:23:00 -0500



FL #:

FL14285

DATE: 07.22.19

DWG. BY: HR	CHK. BY: HFN
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SCALE: NTS

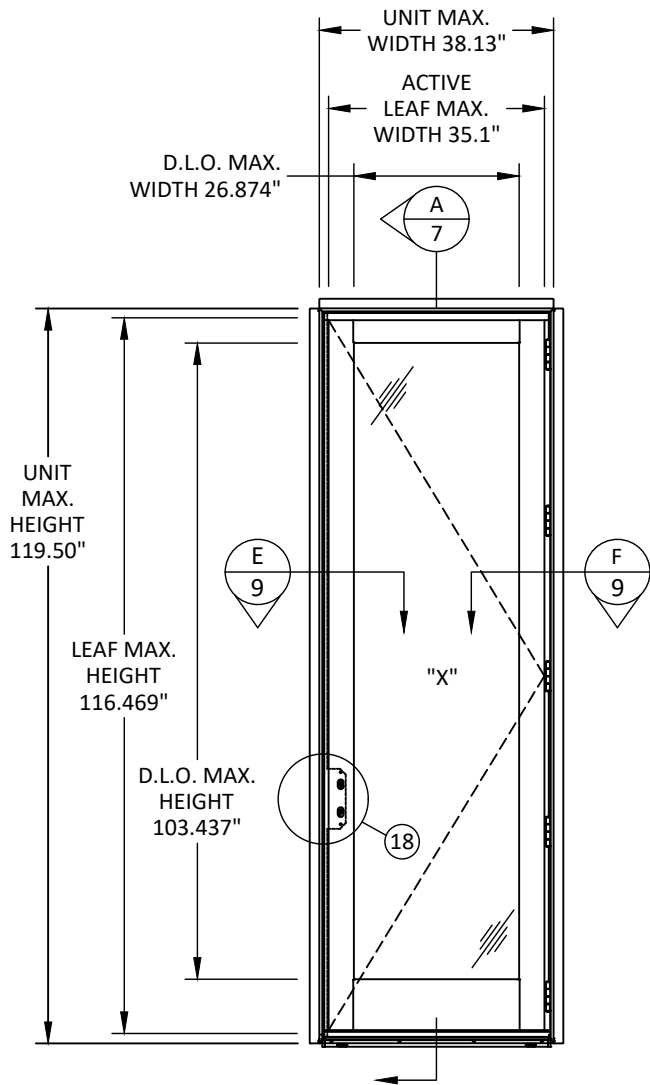
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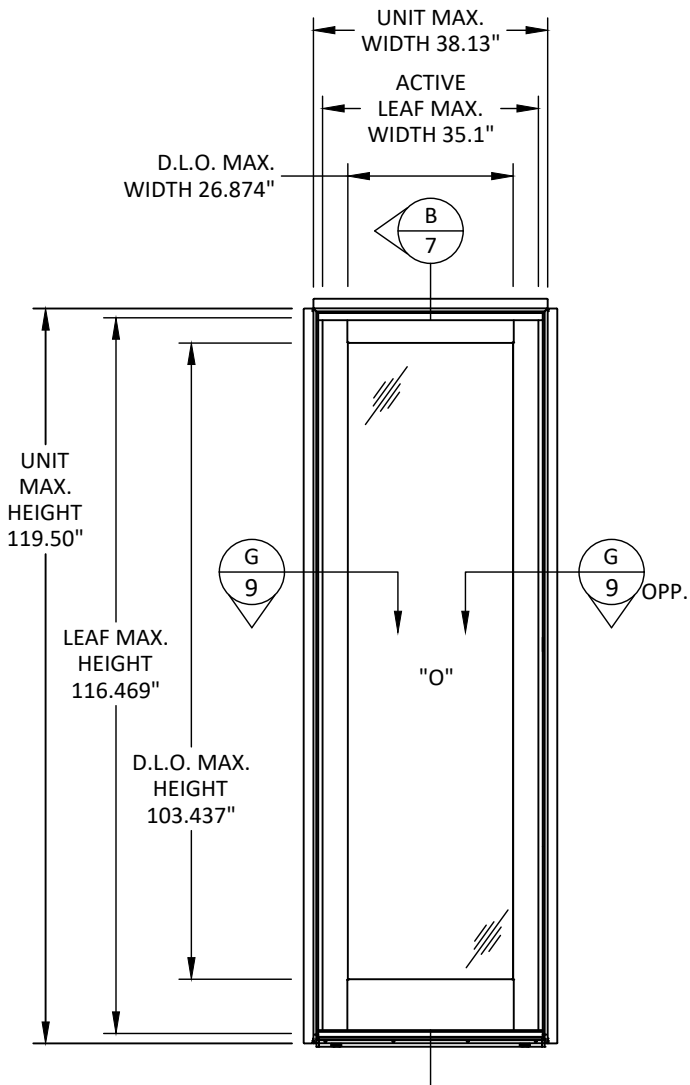
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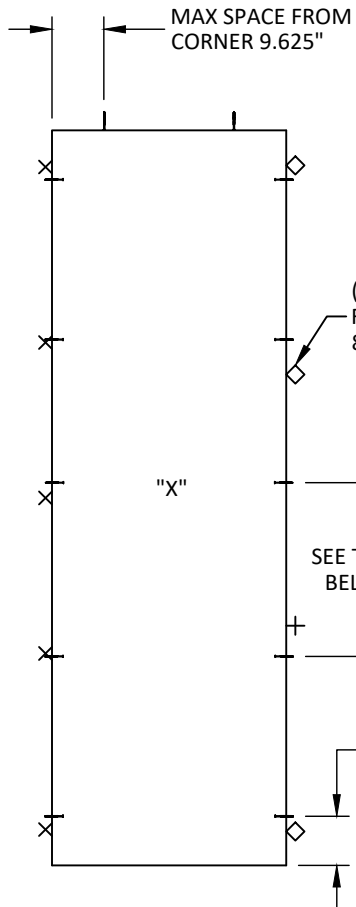
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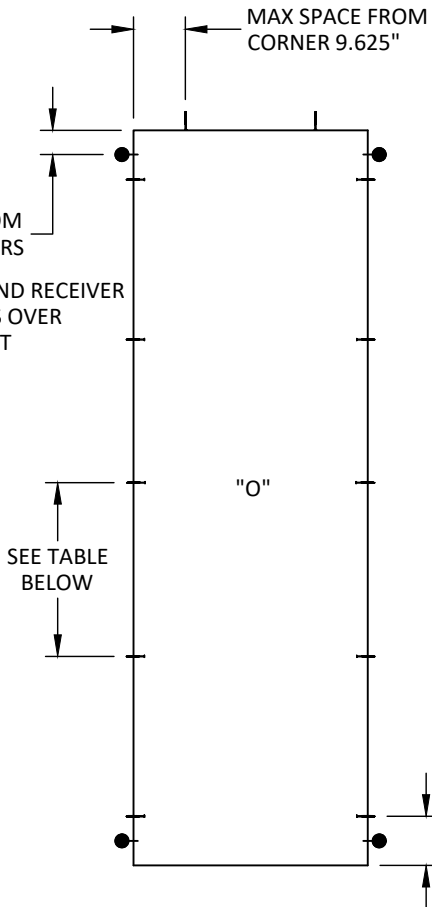
ELEVATION
TRADITIONAL



ELEVATION
TRADITIONAL



ANCHOR LAYOUT
OPERABLE



ANCHOR LAYOUT
STATIONARY

*MIN. EDGE DISTANCES		
ANCHOR	CONCRETE	CMU
3/16" TAPCON	2 1/8"	2 3/8"
1/4" TAPCON	2 1/8"	3 1/2"

*MIN. EDGE DISTANCES FOR INSTALLATION OF STATIONARY DOORS ONLY
**AS LONG AS THE ANCHOR TYPES, EMBEDMENT, AND EDGE DISTANCE REQUIREMENTS ON SHEET 10 ARE MET AND THE ANCHOR QUANTITY IS EQUAL TO OR GREATER THAN THE NUMBER SPECIFIED ON THE ANCHOR TABLES, THROUGH FRAME INSTALLATION AND/OR INSTALLATION THROUGH THE HINGE PLATES INTO THE SUBSTRATE IS ACCEPTABLE.

SEE TABLE BELOW

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SEE TABLE BELOW

ANCHOR SCHEDULE								
SIZE (IN.)	CONFIGURATION	HEAD		JAMBS				
		MAX. CORNER DISTANCE	ANCHOR QUANTITY	MAX. DISTANCE FROM SILL (IN.)	MAX. ON CENTER DISTANCE (IN.)	MIN. ANCHOR QUANTITY THROUGH FRAME AT HINGE JAMB	MIN. ANCHOR QUANTITY THROUGH FRAME AT LOCK JAMB	MIN. ANCHOR QUANTITY AT STATIONARY JAMBS
38.125 X 119.5	X OR O	9.625"	2	8.00"	26.00"	10	18	5
38.125 X 95.50	X OR O	9.625"	2	8.00"	26.00"	8	14	4
38.125 X 82.38	X OR O	9.625"	2	8.00"	33.00"	6	13	3
38.125 X 79.50	X OR O	9.625"	2	8.00"	33.00"	6	13	3

- 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.
 - RECEIVER REQUIREMENTS - ALL DOORS UTILIZE CENTER RECEIVER BASKET, DOORS GREATER THAN 8' TALL SHALL UTILIZE 3 END RECEIVERS, DOORS EQUAL TO OR LESS THAN 8' TALL SHALL UTILIZE 2 END RECEIVERS (TOP & BOTTOM)

ACTIVE DOOR LEGEND (X)

×

= TWO (2) ANCHORS THRU PREDRILLED HOLES

◇

= ANCHORS THRU END RECEIVER

-WOOD OR METAL: THREE (3)

-CONCRETE/MASONRY: TWO (2)

+

= ANCHORS THRU CENTER RECEIVER

- WOOD OR STEEL: FOUR (4)

-CONCRETE/MASONRY: TWO (2)

STATIONARY DOOR LEGEND (O)

●

= ADDITIONAL FIELD DRILLED 3/16" ITW TAPCON ANCHOR FOR DOORS EQUAL TO AND LESS THAN 10' IN HEIGHT, APPLIES TO INSTALLATION INTO CONCRETE/MASONRY SUBSTRATES WHEN UTILIZING 3/16" ITW TAPCONS ONLY. ADDITIONAL FASTENERS NOT REQUIRED WHEN 1/4" ITW TAPCONS ARE UTILIZED.

*MIN. EDGE DISTANCES

ANCHOR	CONCRETE	CMU
3/16" TAPCON	2 1/8"	2 3/8"
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ANDERSEN

WINDOWS & DOORS

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HERMES F. NORERO

LICENSE

No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

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

FL #:

FL14285

DATE:

07.22.19

DWG. BY:

HR

CHK. BY:

HFN

SCALE:

NTS

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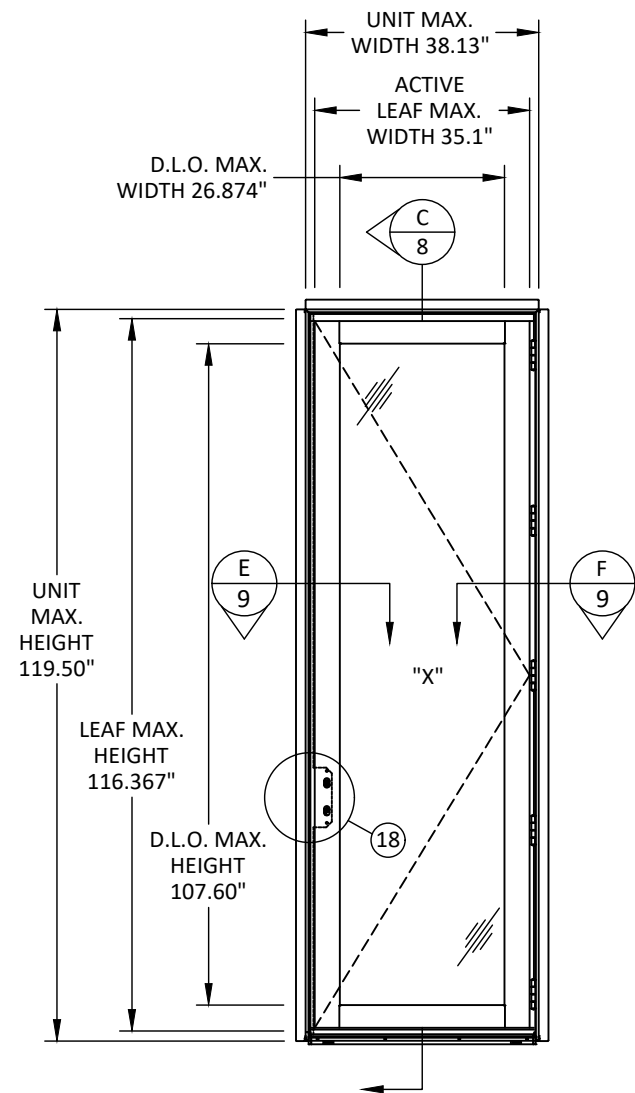
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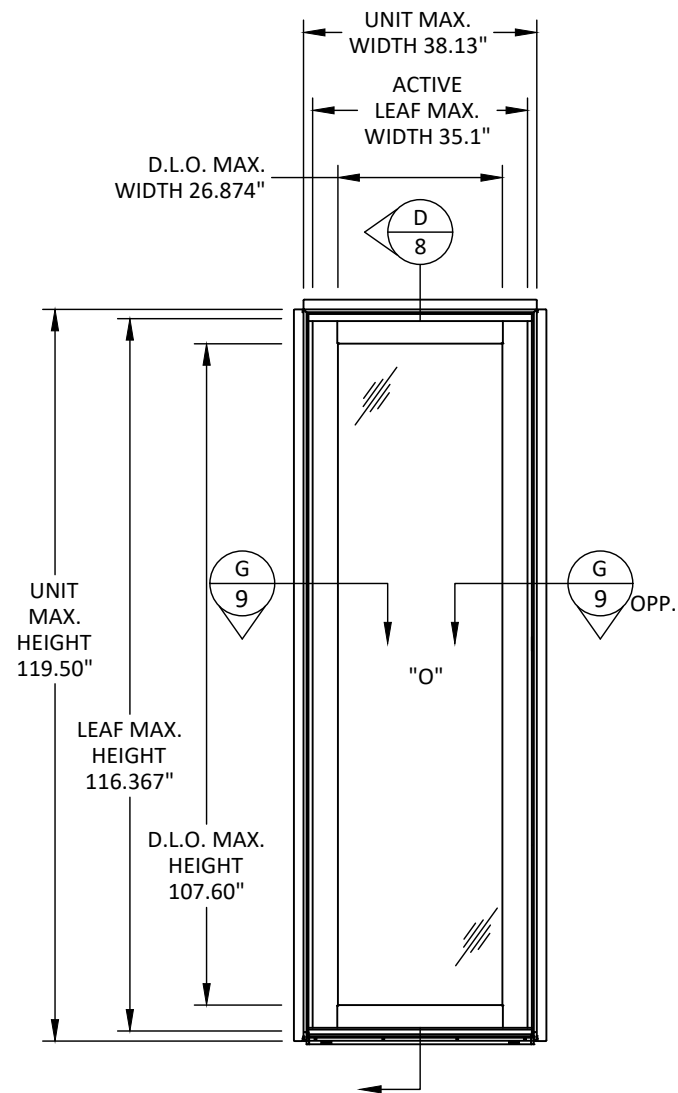
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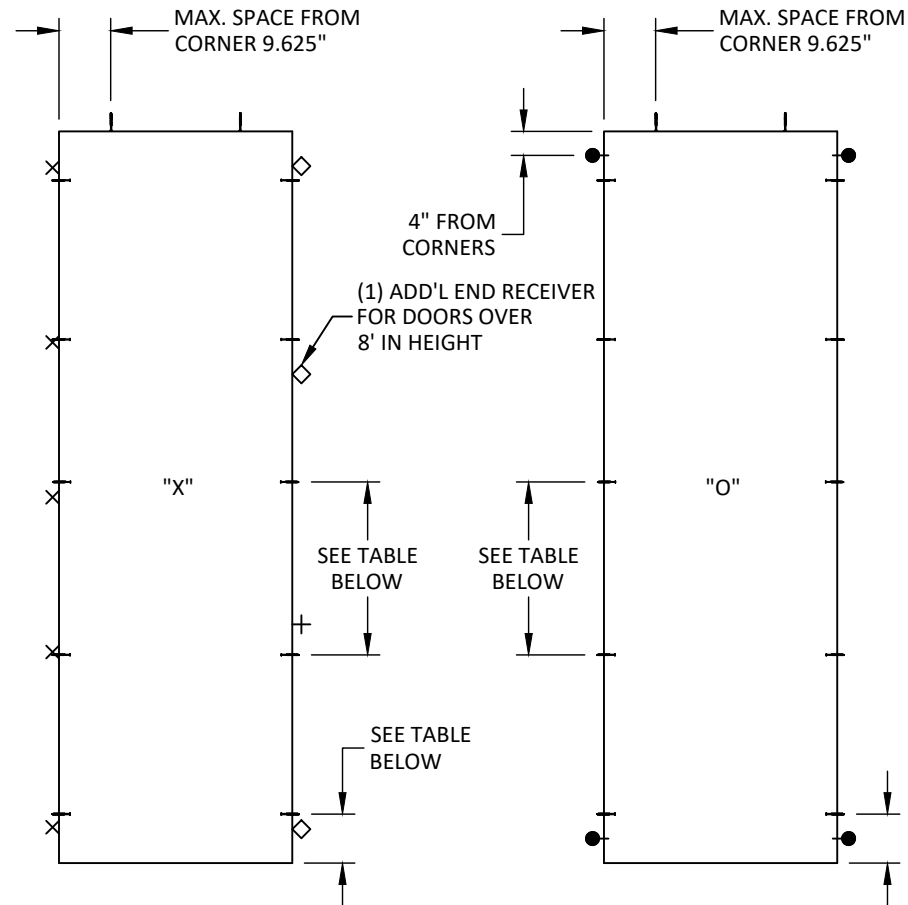
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ELEVATION
CONTEMPORARY



ELEVATION
CONTEMPORARY



ANCHOR LAYOUT
OPERABLE

ANCHOR LAYOUT
STATIONARY

ACTIVE DOOR LEGEND (X)

×

 = TWO (2) ANCHORS THRU PREDRILLED HOLES

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 = ANCHORS THRU END RECEIVER
-WOOD OR METAL: THREE (3)
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 = ANCHORS THRU CENTER RECEIVER
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STATIONARY DOOR LEGEND (O)

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 = ADDITIONAL FIELD DRILLED 3/16" ITW TAPCON ANCHOR FOR DOORS EQUAL TO AND LESS THAN 10' IN HEIGHT, APPLIES TO INSTALLATION INTO CONCRETE/MASONRY SUBSTRATES WHEN UTILIZING 3/16" ITW TAPCONS ONLY. ADDITIONAL FASTENERS NOT REQUIRED WHEN 1/4" ITW TAPCONS ARE UTILIZED.

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ANCHOR SCHEDULE								
SIZE (IN.)	CONFIGURATION	HEAD		JAMBS				
		MAX. CORNER DISTANCE	ANCHOR QUANTITY	MAX. DISTANCE FROM SILL (IN.)	MAX. ON CENTER DISTANCE (IN.)	MIN. ANCHOR QUANTITY THROUGH FRAME AT HINGE JAMB	MIN. ANCHOR QUANTITY THROUGH FRAME AT LOCK JAMB	MIN. ANCHOR QUANTITY AT STATIONARY JAMBS
38.125 X 119.5	X OR O	9.625"	2	8.00"	26.00"	10	18	5
38.125 X 95.50	X OR O	9.625"	2	8.00"	26.00"	8	14	4
38.125 X 82.38	X OR O	9.625"	2	8.00"	33.00"	6	13	3
38.125 X 79.50	X OR O	9.625"	2	8.00"	33.00"	6	13	3

- NOTE:
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ANDERSEN
WINDOWS & DOORS

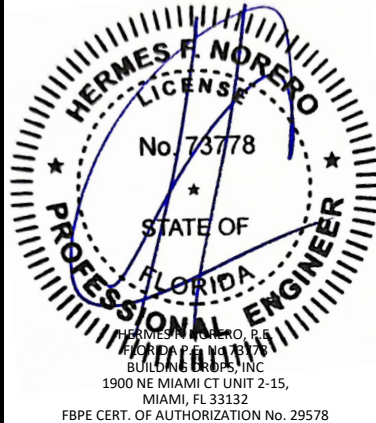
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TITLE: A-SERIES HINGED
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WITH STORMWATCH PROTECTION
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ELEVATION & ANCHOR LAYOUT

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REMARKS	BY	DATE
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FBPE CERT. OF AUTHORIZATION No. 29578

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DWG. BY:

HR

CHK. BY:

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SCALE:

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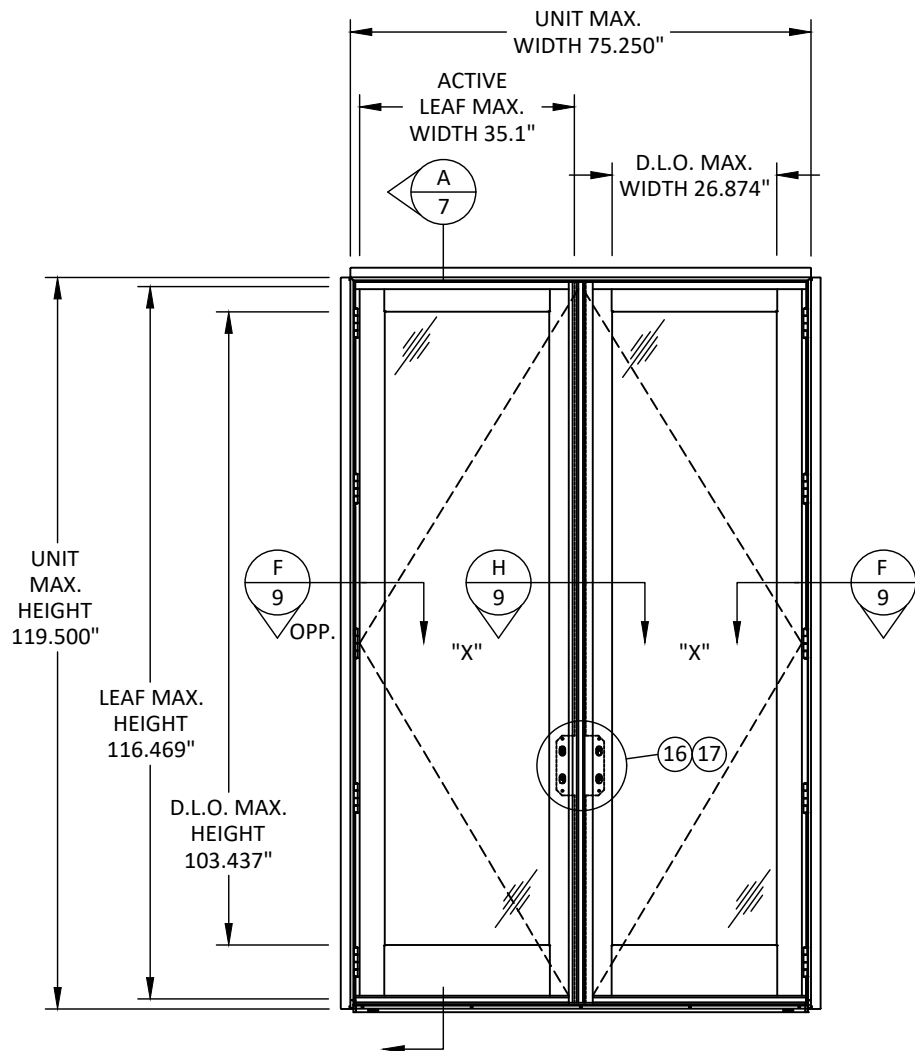
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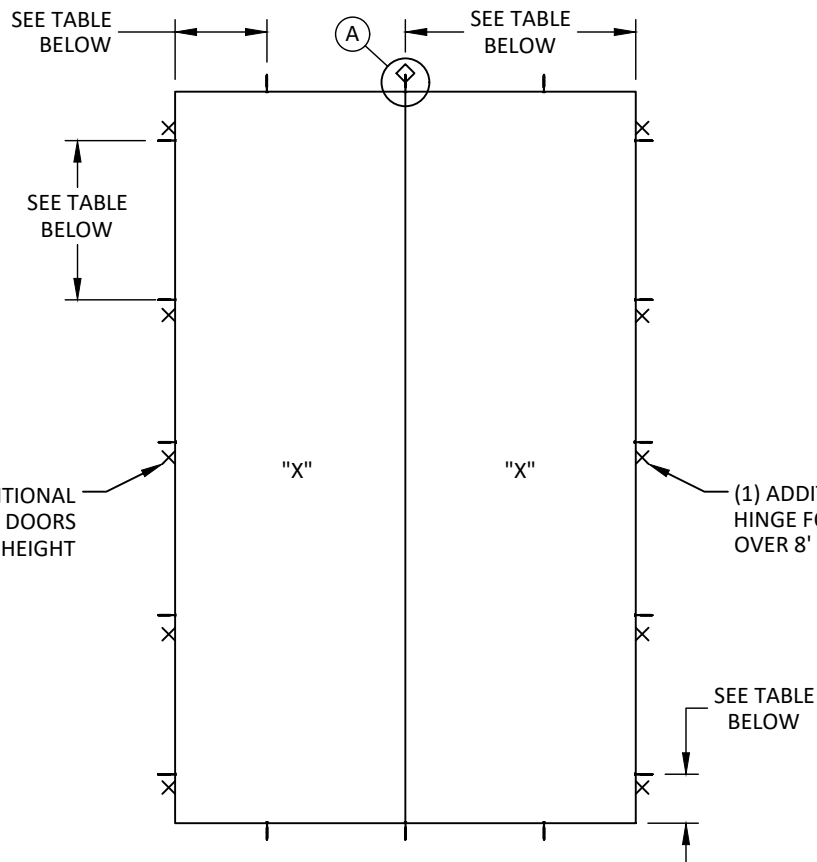
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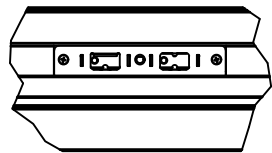
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ELEVATION
TRADITIONAL



ANCHOR LAYOUT



DETAIL A
HEAD JAMB RECEIVER
SEE LEGEND BELOW FOR QTY

DOOR LEGEND (XX)
X = TWO (2) ANCHORS THRU PREDRILLED HOLES
◇ = ANCHORS THRU HEAD RECEIVER SEE DETAIL 'A' ABOVE - WOOD OR METAL: FIVE (5) - CONCRETE/MASONRY: FOUR (4)

*AS LONG AS THE ANCHOR TYPES, EMBEDMENT, AND EDGE DISTANCE REQUIREMENTS ON SHEET 10 ARE MET AND THE ANCHOR QUANTITY IS EQUAL TO OR GREATER THAN THE NUMBER SPECIFIED ON THE ANCHOR TABLES, THROUGH FRAME INSTALLATION AND/OR INSTALLATION THROUGH THE HINGE PLATES INTO THE SUBSTRATE IS ACCEPTABLE.

ANCHOR SCHEDULE							
SIZE (IN.)	CONFIGURATION	HEAD/SILL			JAMBS		
		MAX. FROM CORNER (IN.)	MAX. O.C. (IN.)	ANCHOR QUANTITY	MAX. DISTANCE FROM SILL (IN.)	MAX. ON CENTER DISTANCE (IN.)	MIN ANCHOR QUANTITY THROUGH FRAME AT HINGE JAMBS
75.25 X 119.50*	XX	17.75"	MIDSPAN	8	8.00"	26.00"	10
75.25 X 95.50*	XX	17.75"	MIDSPAN	8	8.00"	26.00"	8
75.25 X 82.38*	XX	17.75"	MIDSPAN	8	8.00"	33.00"	6
75.25 X 79.50*	XX	17.75"	MIDSPAN	8	8.00"	33.00"	6

- NOTE:
- 1) FOR SILL ANCHORAGE SEE LEGEND ABOVE.
 - 2) ANCHOR SCHEDULE REFLECTS MINIMUM NUMBER OF ANCHORS REQUIRED, TOTAL QUANTITY MAY VARY DEPENDING ON LEGEND REQUIREMENTS.
 - 3) 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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TITLE: A-SERIES HINGED
PATIO DOOR-OUTSWING
WITH STORMWATCH PROTECTION
(HVHZ)/(IMPACT)

ELEVATION & ANCHOR LAYOUT

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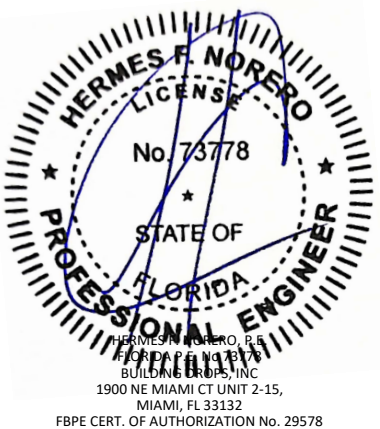
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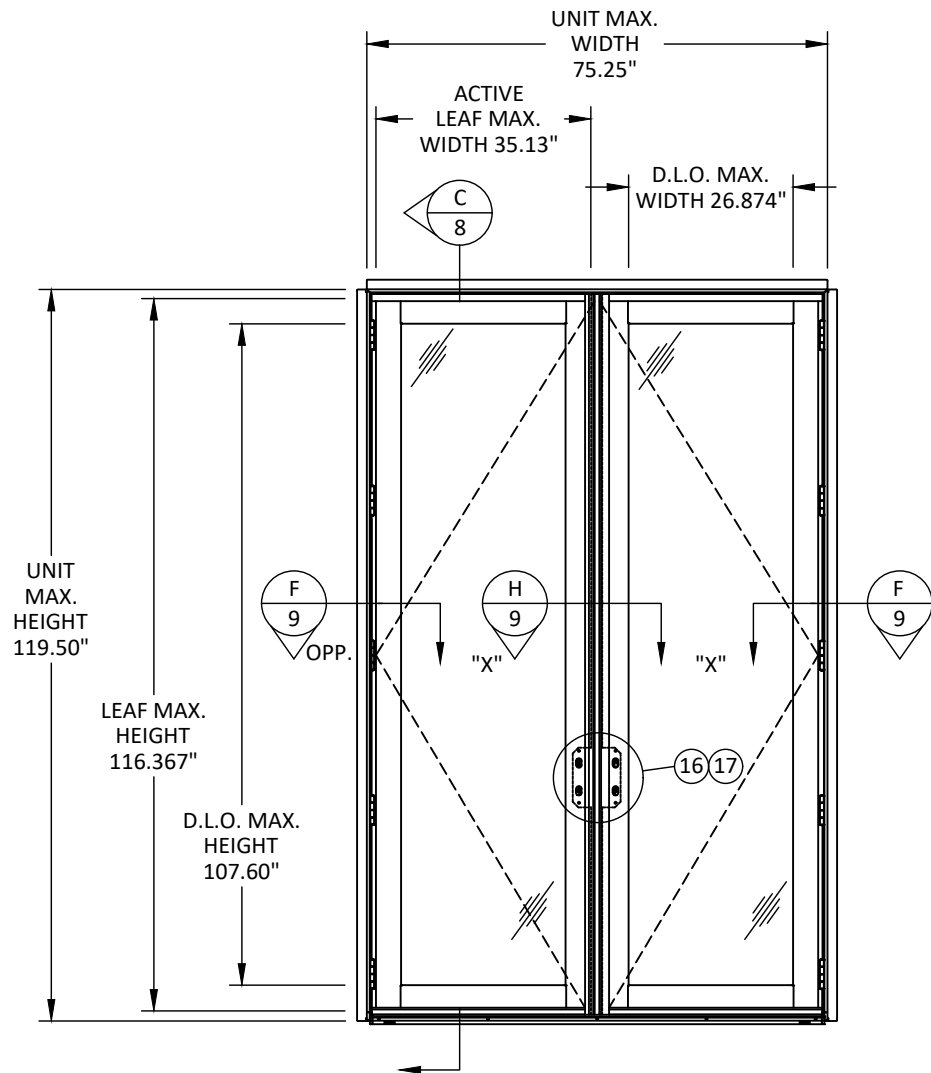
REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	1.17.20
CONTEMPORARY UPD.	SH	2.2.23
INSTALLATION UPD.	FB	12.9.23

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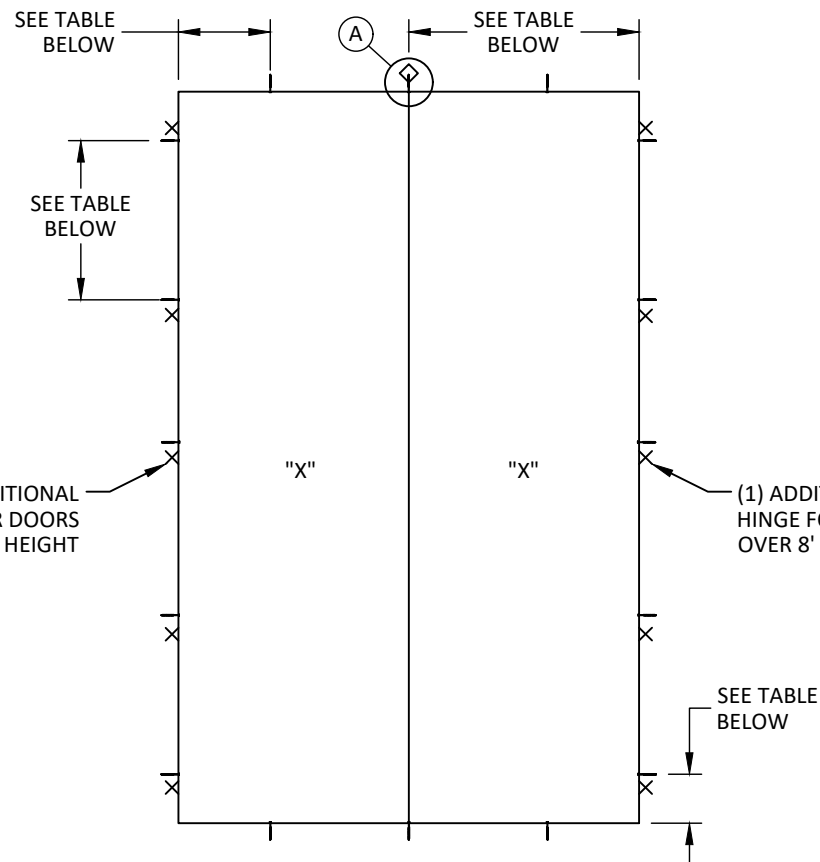


FL #:	FL14285
DATE:	07.22.19
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD126
SHEET:	4

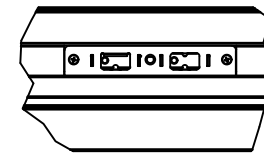
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ELEVATION
CONTEMPORARY



ANCHOR LAYOUT



DETAIL A
HEAD JAMB RECEIVER
SEE LEGEND BELOW FOR QTY

DOOR LEGEND (XX)
X = TWO (2) ANCHORS THRU PREDRILLED HOLES
◇ = ANCHORS THRU HEAD RECEIVER SEE DETAIL 'A' ABOVE - WOOD OR METAL: FIVE (5) - CONCRETE/MASONRY: FOUR (4)

*AS LONG AS THE ANCHOR TYPES, EMBEDMENT, AND EDGE DISTANCE REQUIREMENTS ON SHEET 10 ARE MET AND THE ANCHOR QUANTITY IS EQUAL TO OR GREATER THAN THE NUMBER SPECIFIED ON THE ANCHOR TABLES, THROUGH FRAME INSTALLATION AND/OR INSTALLATION THROUGH THE HINGE PLATES INTO THE SUBSTRATE IS ACCEPTABLE.

ANCHOR SCHEDULE							
SIZE (IN.)	CONFIGURATION	HEAD/SILL			JAMBS		
		MAX. FROM CORNER (IN.)	MAX. O.C. (IN.)	ANCHOR QUANTITY	MAX. DISTANCE FROM SILL (IN.)	MAX. ON CENTER DISTANCE (IN.)	MIN ANCHOR QUANTITY THROUGH FRAME AT HINGE JAMBS
75.25 X 119.50*	XX	17.75"	MIDSPAN	8	8.00"	26.00"	10
75.25 X 95.50*	XX	17.75"	MIDSPAN	8	8.00"	26.00"	8
75.25 X 82.38*	XX	17.75"	MIDSPAN	8	8.00"	33.00"	6
75.25 X 79.50*	XX	17.75"	MIDSPAN	8	8.00"	33.00"	6

NOTE:

- 1) FOR SILL ANCHORAGE SEE LEGEND ABOVE.
- 2) ANCHOR SCHEDULE REFLECTS MINIMUM NUMBER OF ANCHORS REQUIRED, TOTAL QUANTITY MAY VARY DEPENDING ON LEGEND REQUIREMENTS.
- 3) 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.



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES HINGED
PATIO DOOR-OUTSWING
WITH STORMWATCH PROTECTION
(HVHZ)/(IMPACT)

ELEVATION & ANCHOR LAYOUT

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT UNIT 2-15,
MIAMI, FL 33132

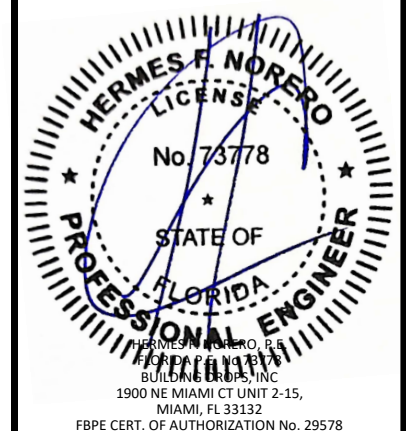
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REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	1.17.20
CONTEMPORARY UPD.	SH	2.2.23
INSTALLATION UPD.	FB	12.9.23

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FL #:
FL14285

DATE: **07.22.19**

DWG. BY:
HR

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **AWD126**

SHEET:

5

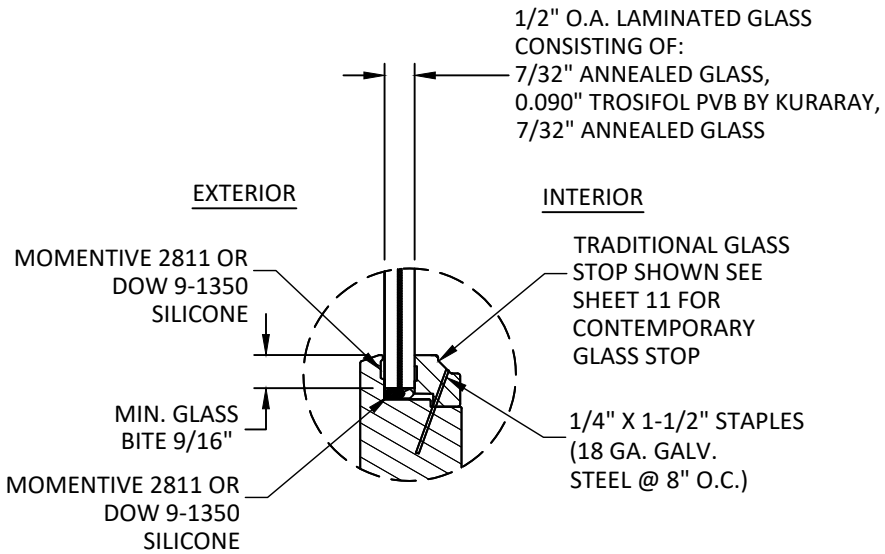
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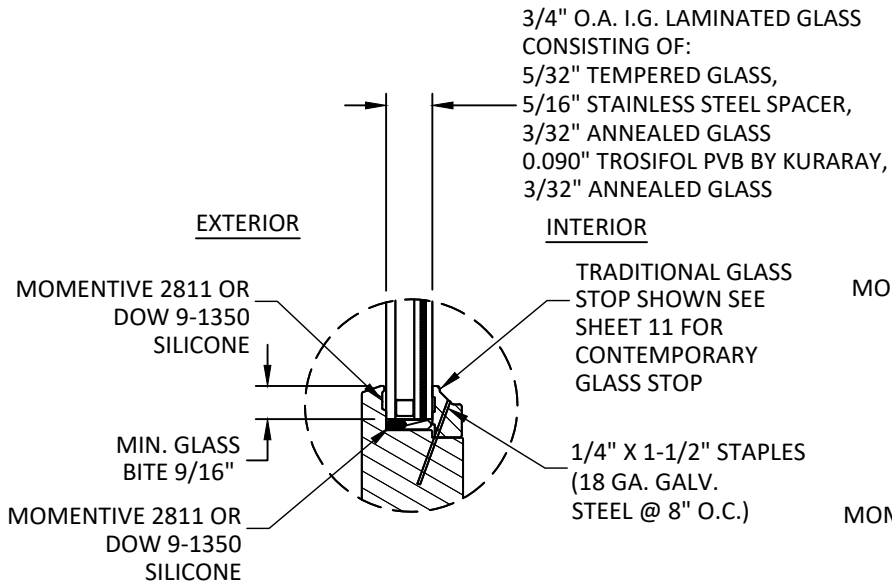
A-SERIES OUTSWING DOOR UNITS WITH DROP-NOSE SILL								
CONFIGURATION	HEIGHT (IN.)	WIDTH (IN.)	DESIGN PRESSURE (PSF)					
			G1		G2		G3	
			POS.	NEG.	POS.	NEG.	POS.	NEG.
XX	79.50	75.25	65.0	80.0	65.0	80.0	-	-
XX	82.38	75.25	65.0	80.0	65.0	80.0	-	-
XX	95.50	63.25	65.0	70.0	65.0	70.0	-	-
XX	95.50	75.25	65.0	70.0	-	-	65.0	70.0
XX	101.50	75.25	62.5	66.25	-	-	62.5	66.25
XX	107.50	75.25	60.0	62.5	-	-	60.0	62.5
XX	113.50	75.25	57.5	58.75	-	-	57.5	58.75
XX	119.50	75.250	55.0	55.0	-	-	55.0	55.0
X or O	79.50	38.125	65.0	80.0	65.0	80.0	-	-
X or O	82.38	38.125	65.0	80.0	65.0	80.0	-	-
X	95.50	32.125	65.0	70.0	65.0	70.0	-	-
O	95.50	32.125	65.0	80.0	65.0	80.0	-	-
X	95.50	38.125	65.0	70.0	-	-	65.0	70.0
O	95.50	38.125	65.0	80.0	-	-	65.0	80.0
O	101.50	38.125	65.0	77.5	-	-	65.0	77.5
O	107.50	38.125	65.0	75.0	-	-	65.0	75.0
O	113.50	38.125	65.0	72.5	-	-	65.0	72.5
X or O	119.50	38.125	65.0	70.0	-	-	65.0	70.0

A-SERIES OUTSWING DOOR UNITS WITHOUT DROP-NOSE SILL								
CONFIGURATION	HEIGHT (IN.)	WIDTH (IN.)	DESIGN PRESSURE (PSF)					
			G1		G2		G3	
			POS.	NEG.	POS.	NEG.	POS.	NEG.
XX	79.50	75.25	45.0	80.0	45.0	80.0	-	-
XX	82.38	75.25	45.0	80.0	45.0	80.0	-	-
XX	95.50	63.25	45.0	70.0	45.0	70.0	-	-
XX	95.50	75.25	45.0	70.0	-	-	45.0	70.0
XX	101.50	75.25	45.0	66.25	-	-	45.0	66.25
XX	107.50	75.25	45.0	62.5	-	-	45.0	62.5
XX	113.50	75.25	45.0	58.75	-	-	45.0	58.75
XX	119.50	75.25	45.0	55.0	-	-	45.0	55.0
X or O	79.50	38.125	45.0	80.0	45.0	80.0	-	-
X or O	82.38	38.125	45.0	80.0	45.0	80.0	-	-
X	95.50	32.125	45.0	70.0	45.0	70.0	-	-
O	95.50	32.125	45.0	80.0	45.0	80.0	-	-
X	95.50	38.125	45.0	70.0	-	-	45.0	70.0
O	95.50	38.125	45.0	80.0	-	-	45.0	80.0
O	101.50	38.125	45.0	77.5	-	-	45.0	77.5
O	107.50	38.125	45.0	75.0	-	-	45.0	75.0
O	113.50	38.125	45.0	72.5	-	-	45.0	72.5
X or O	119.50	38.125	45.0	70.0	-	-	45.0	70.0

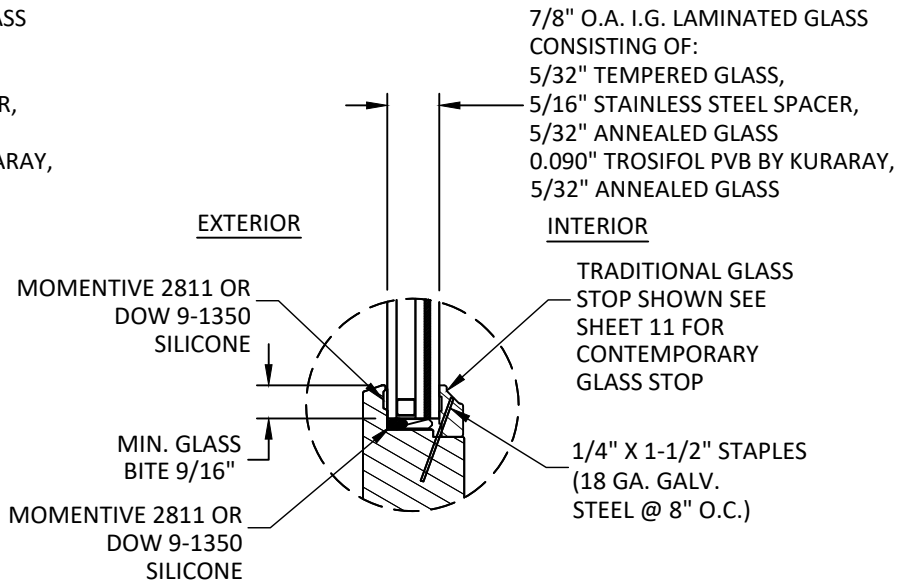
NOTE: ALL PRESSURES MEET
WATER INFILTRATION
REQUIREMENTS



GLAZING DETAIL 1



GLAZING DETAIL 2



GLAZING DETAIL 3

- GLAZING NOTES:
1. GLAZING COMPLIES WITH ASTM E1300 AND FBC SAFETY GLAZING REQUIREMENTS.
 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

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TITLE: A-SERIES HINGED
PATIO DOOR-OUTSWING
WITH STORMWATCH PROTECTION
(HVHZ)(IMPACT)

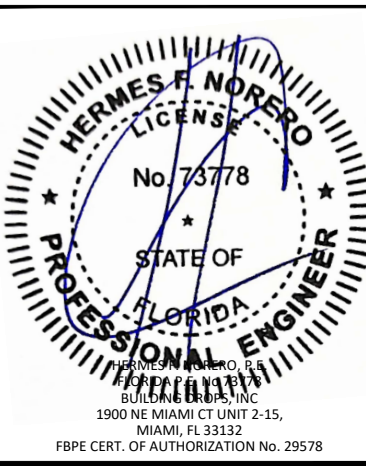
DP TABLES & GLAZING DETAILS

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REMARKS	BY	DATE
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CONTEMPORARY UPD.	SH	2.2.23
INSTALLATION UPD.	FB	12.9.23

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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

FL #: **FL14285**

DATE: **07.22.19**

DWG. BY: **HR** CHK. BY: **HFN**

SCALE: **NTS**

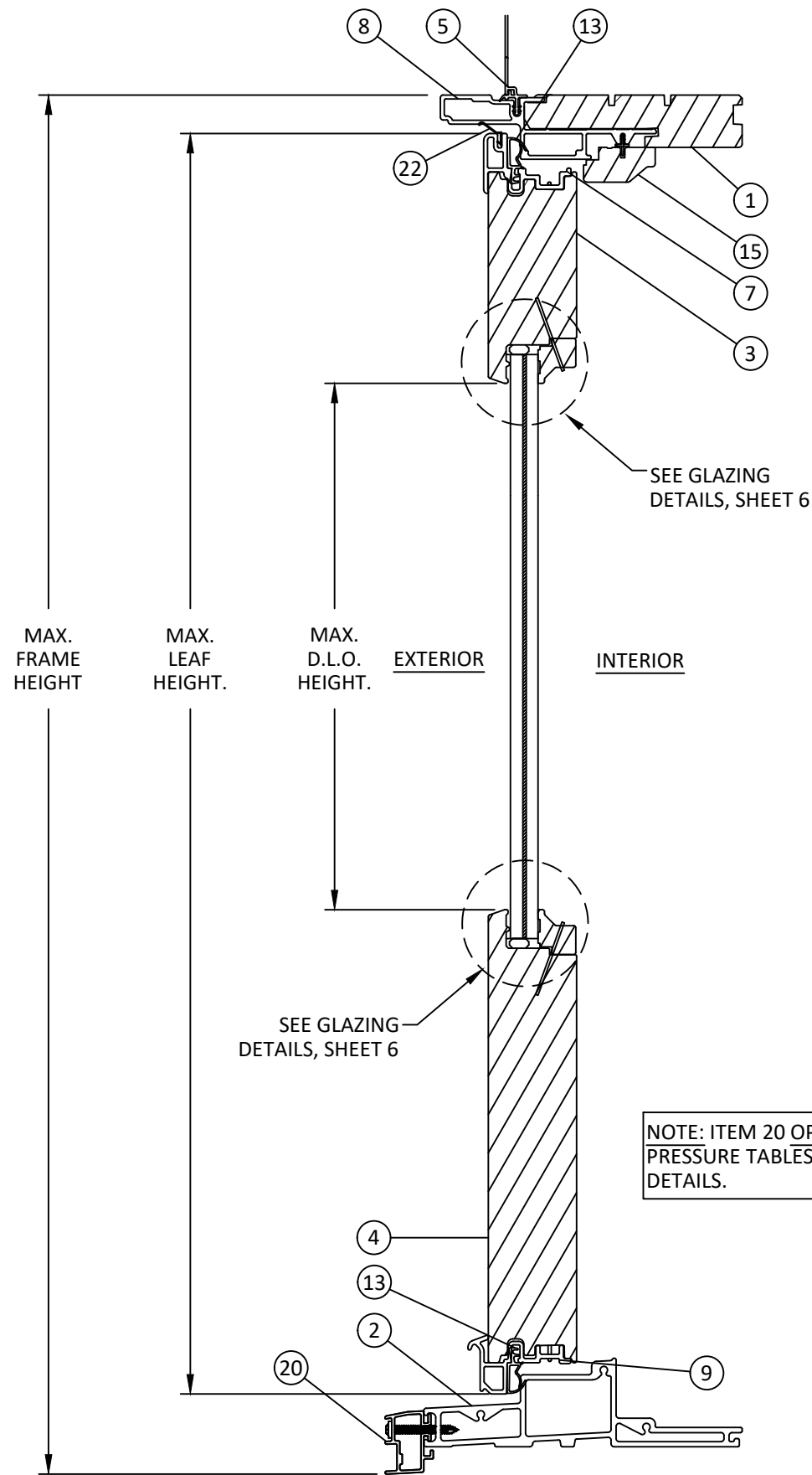
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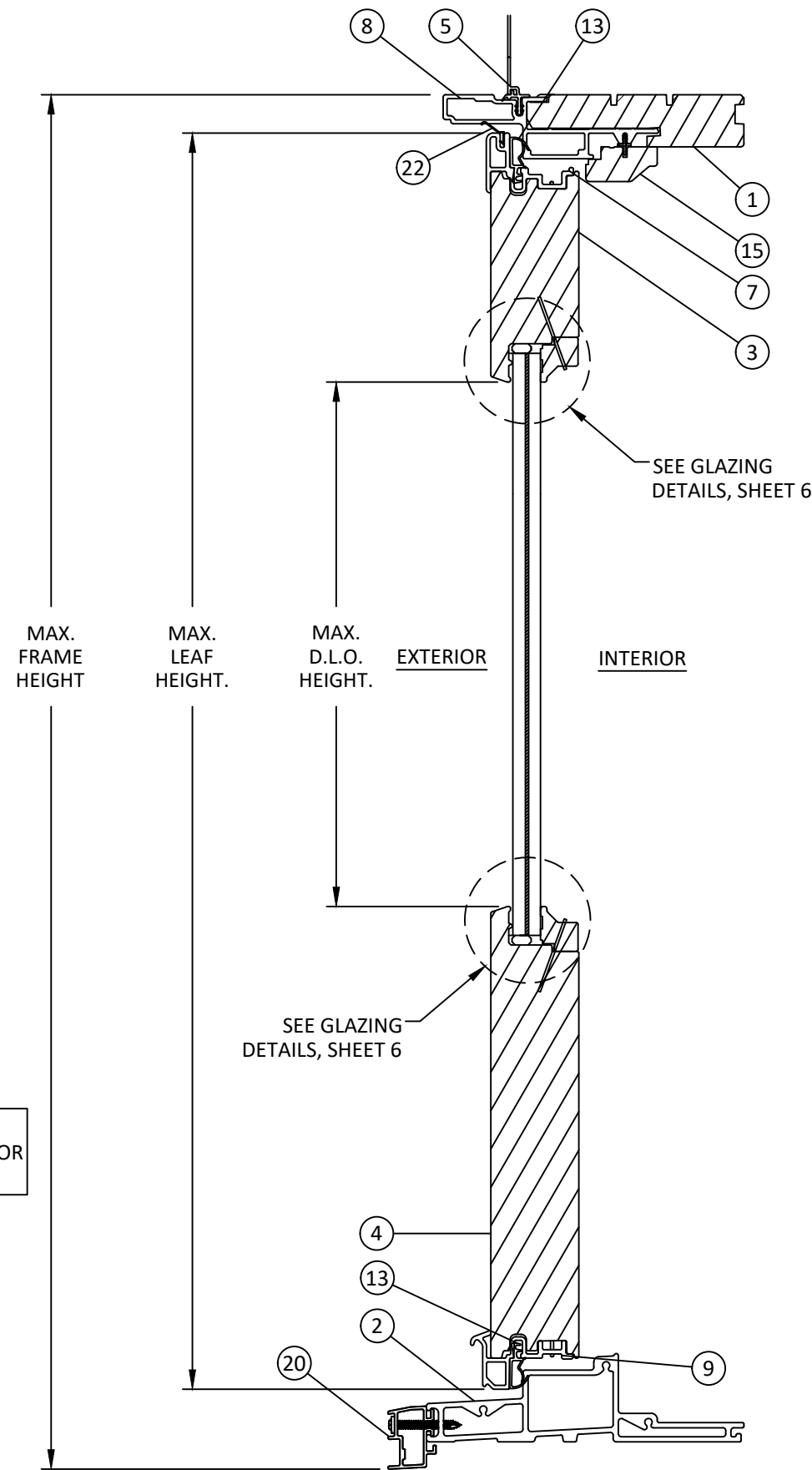
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A
7 **VERTICAL SECTION**
TRADITIONAL - ACTIVE DOOR



B
7 **VERTICAL SECTION**
TRADITIONAL - STATIONARY DOOR



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BAYPORT, MN 55003-1096
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TITLE: A-SERIES HINGED
PATIO DOOR-OUTSWING
WITH STORMWATCH PROTECTION
(HVHZ)(IMPACT)
VERTICAL SECTIONS

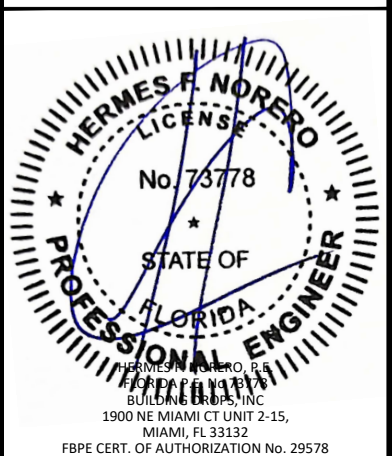
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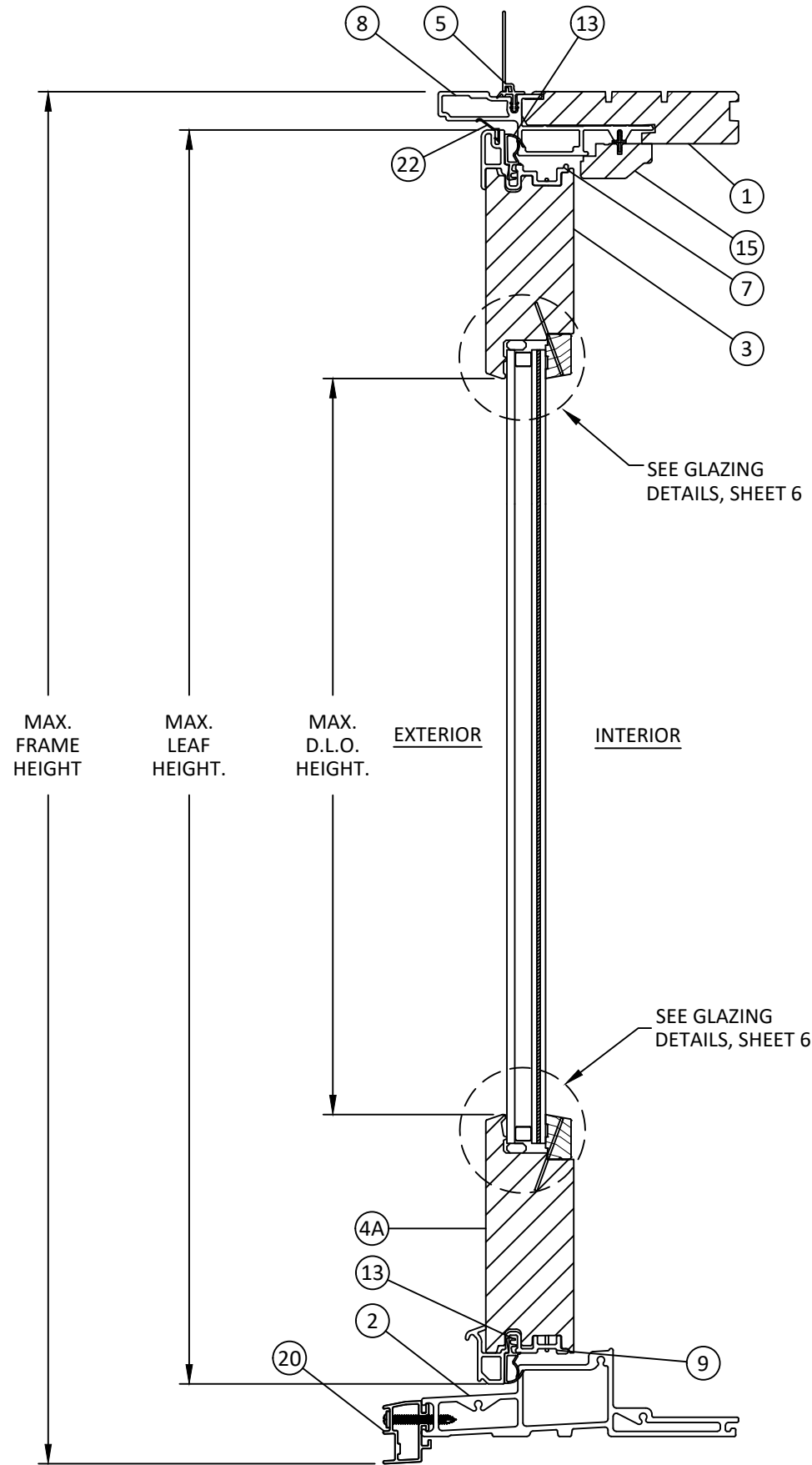
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DWG. #: **AWD126**

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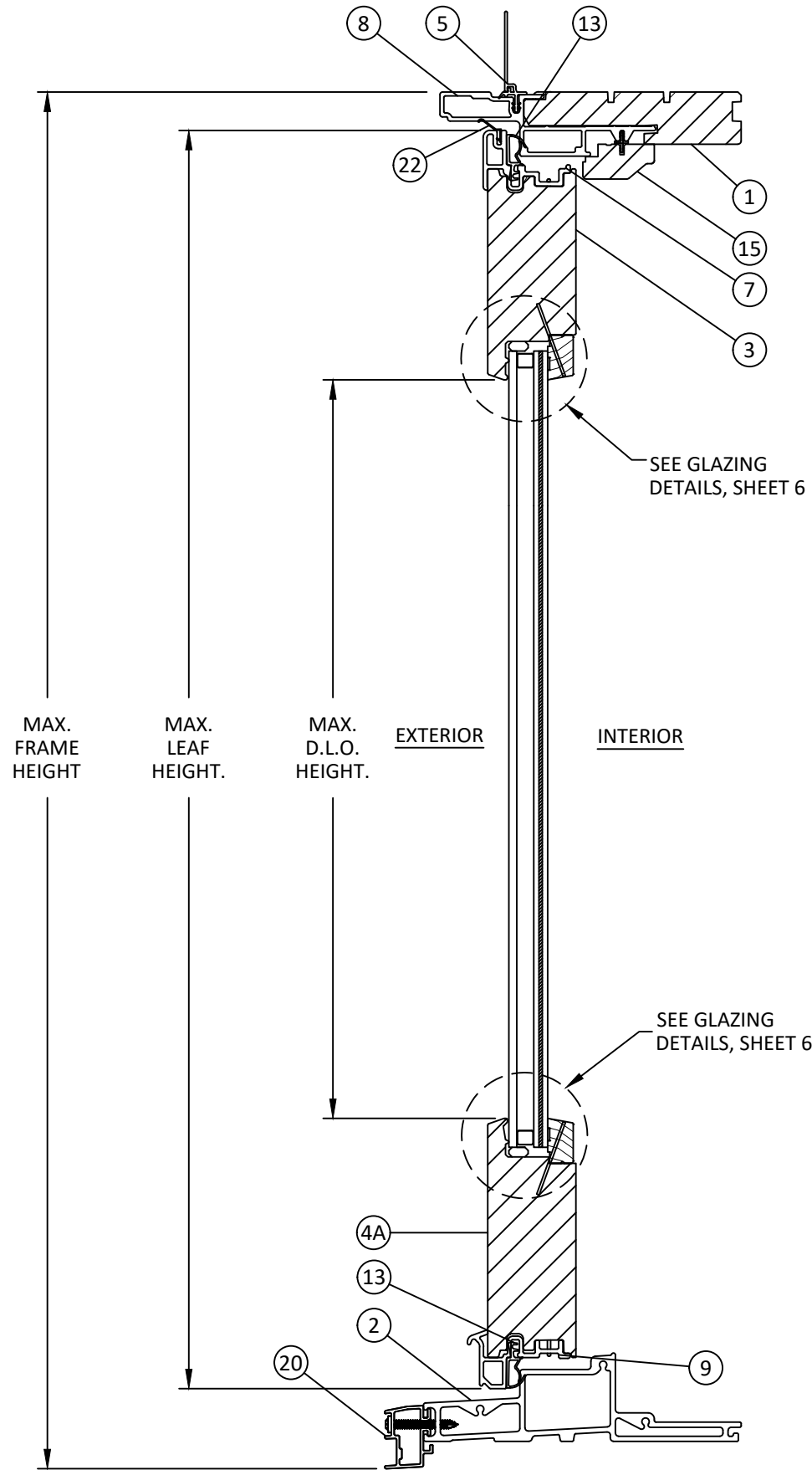
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C8 VERTICAL SECTION
CONTEMPORARY - ACTIVE DOOR

NOTE: ITEM 20 OPTIONAL. SEE
PRESSURE TABLES ON SHEET 6 FOR
DETAILS.



D8 VERTICAL SECTION
CONTEMPORARY - STATIONARY DOOR



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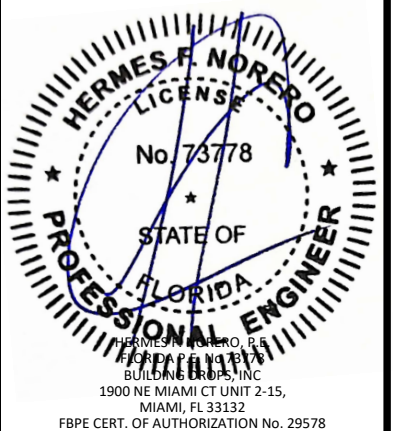
TITLE: A-SERIES HINGED
PATIO DOOR-OUTSWING
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VERTICAL SECTIONS

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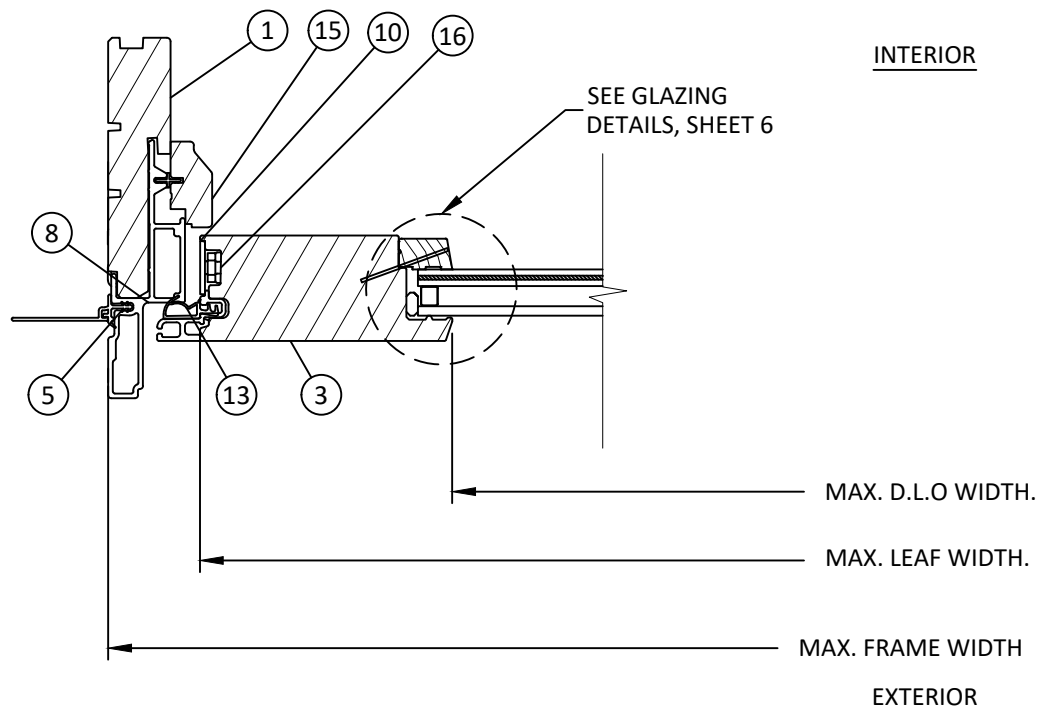
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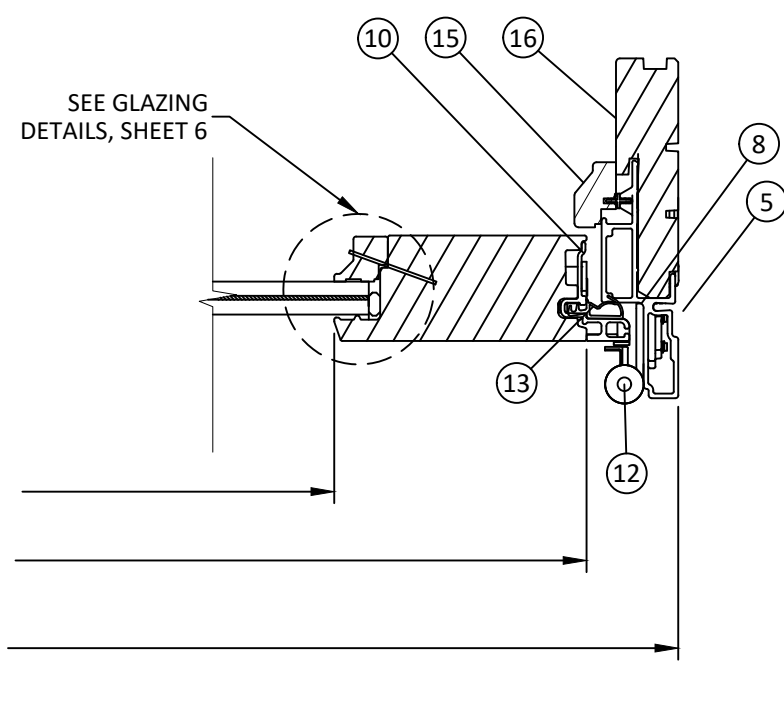


FL #:	FL14285
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SCALE:	NTS
DWG. #:	AWD126
SHEET:	8

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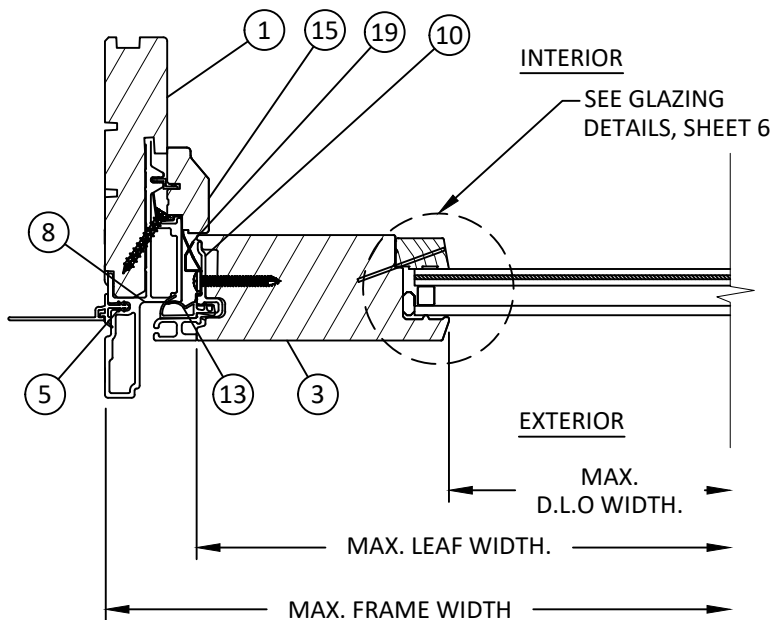


E
9 **HORIZONTAL SECTION**
OPERABLE PANEL - LOCK JAMB

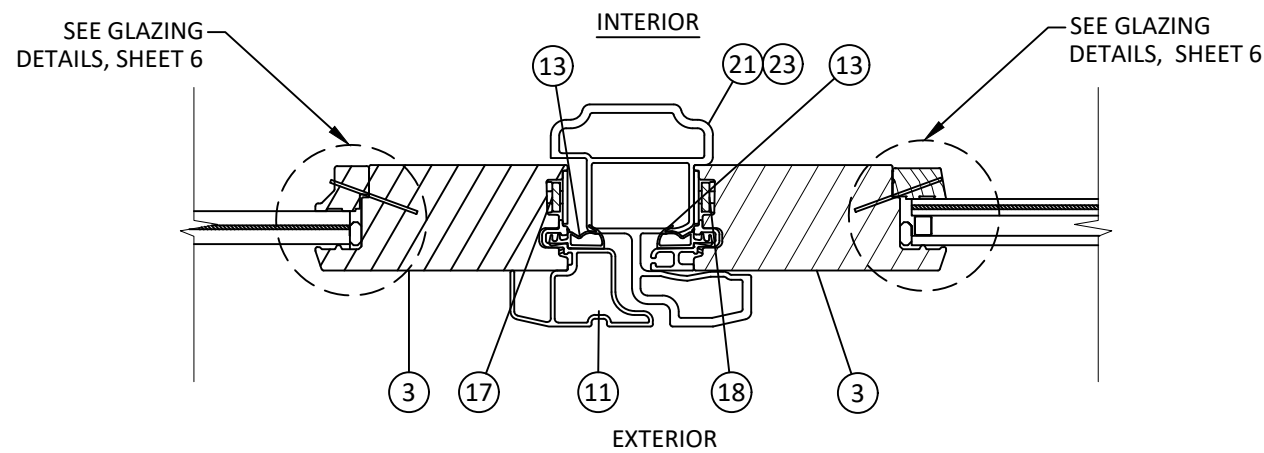


F
9 **HORIZONTAL SECTION**
OPERABLE PANEL - HINGE JAMB

NOTE: DETAILS SHOWN ARE
TYPICAL OF TRADITIONAL
AND CONTEMPORARY DOORS



G
9 **HORIZONTAL SECTION**
STATIONARY PANEL



H
9 **HORIZONTAL SECTION**
ASTRAGAL



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES HINGED
PATIO DOOR-OUTSWING
WITH STORMWATCH PROTECTION
(HVHZ)(IMPACT)
HORIZONTAL SECTIONS

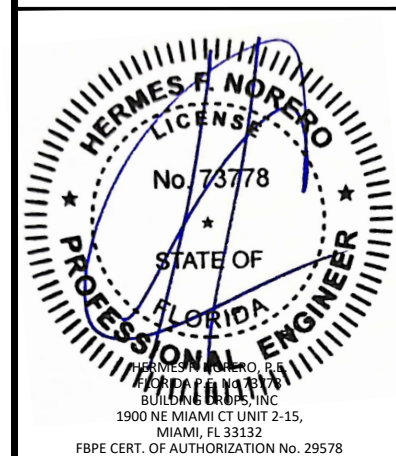
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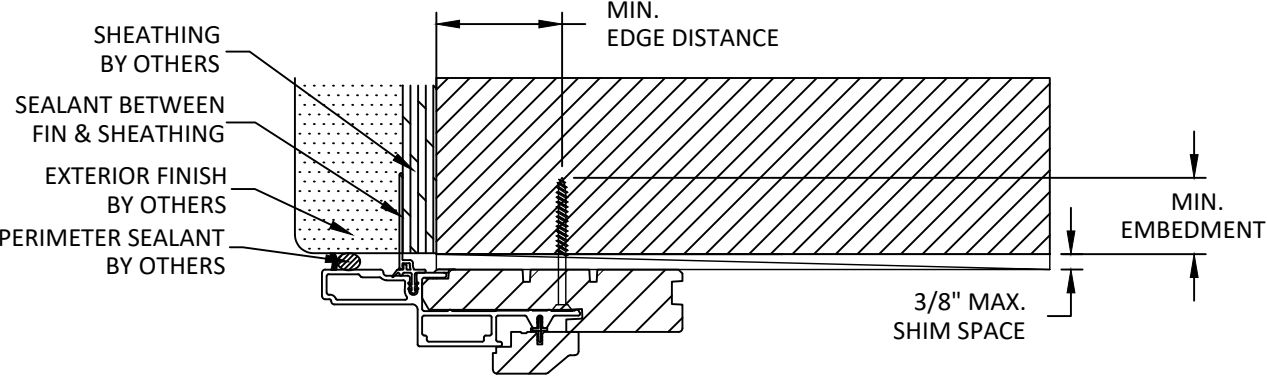
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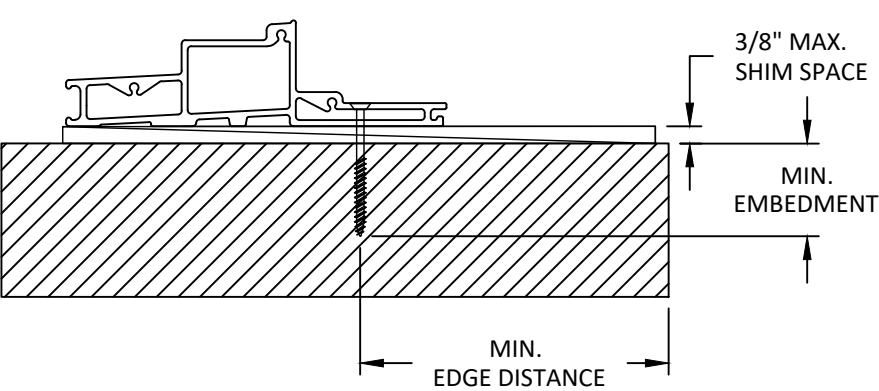


FL #:	FL14285
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SCALE:	NTS
DWG. #:	AWD126
SHEET:	9

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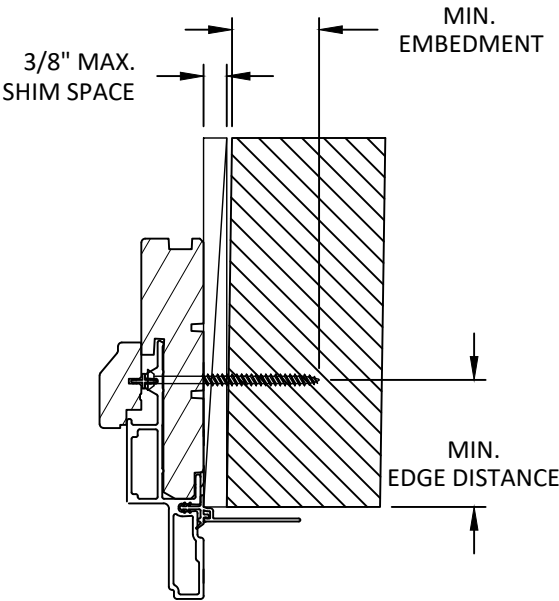
A
10 **VERTICAL SECTION**
HEAD
THROUGH FRAME INSTALLATION



B
10 **VERTICAL SECTION**
SILL
THROUGH FRAME INSTALLATION

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME INSTALLATION	WOOD: MIN. SG = 0.55	#10 PAN HEAD WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	METAL: 1/8" ALUMINUM, MIN. (6063-T5)	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	CONCRETE: f'c=3000PSI	3/16" OR 1/4" ITW TAPCON FLAT HEAD	1.75"	2.125"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" OR 1/4" ITW TAPCON FLAT HEAD	1.75"	MIN. 2.375" FOR 3/16" ANCHOR MIN. 2.0" FOR 1/4" ANCHOR

*SEE SHEET 2 & 3 FOR MIN. EDGE DISTANCE ON THE STATIONARY UNITS



C
10 **VERTICAL SECTION**
JAMB
THROUGH FRAME INSTALLATION



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: **A-SERIES HINGED PATIO DOOR-OUTSWING WITH STORMWATCH PROTECTION (HVHZ)(IMPACT)**

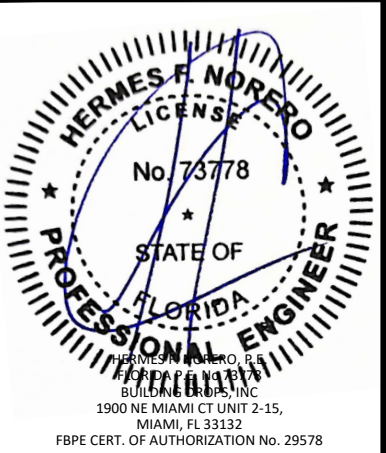
ANCHOR DETAILS & SCHEDULE

PREPARED BY: **BUILDING DROPS, INC.**
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HERMES F. NORERO, P.E.
1900 NE MIAMI CT UNIT 2-15,
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL14285
DATE:	07.22.19
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD126
SHEET:	10

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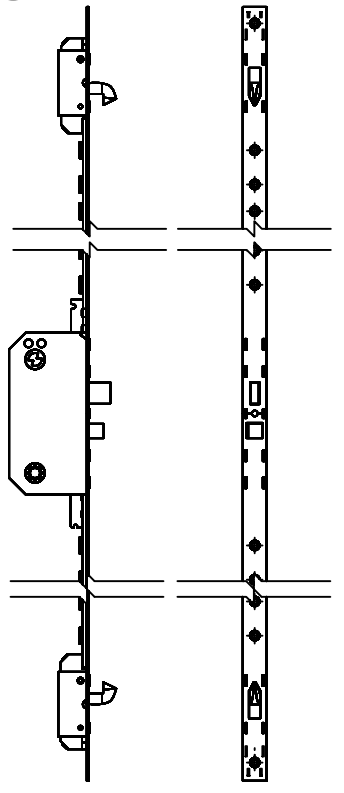
c:\users\franciscobriceno\building drops, inc\building drops landing - common\projects\andersen windows\fbc-24-1112.1 - fbc submittal - fl14285 & fl14320 a-series os is patio doors\dwgs\fl14285\awd126.dwg

OF 12

c:\users\franciscobriceno\building drops, inc\building drops landing - common\projects\andersen windows\fl14285 & fl14320 a-series os is patio doors\dwgs\fl14285\awd126.dwg
12/12/2024 3:37 PM

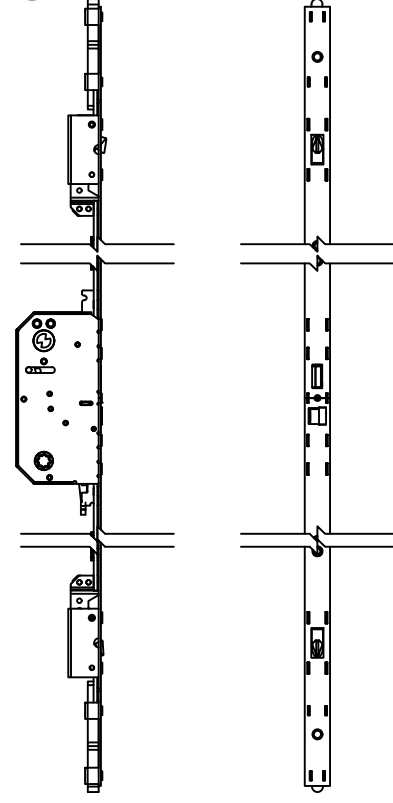
16

ACTIVE SINGLE DOOR (8' OR LESS)
3 PT. LOCK SYSTEM
STEEL



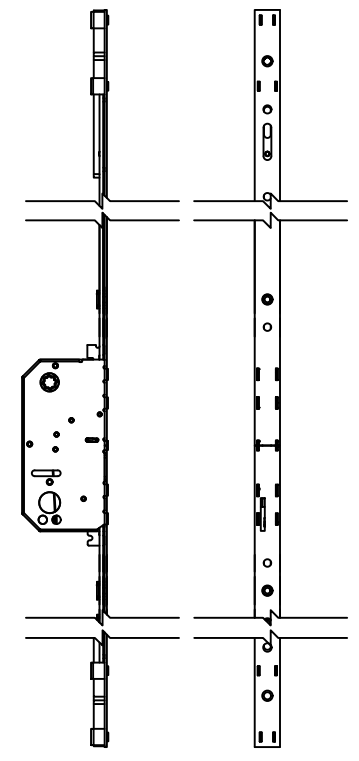
17

ACTIVE DOUBLE DOOR (8' OR LESS)
5 PT. LOCK SYSTEM
STEEL



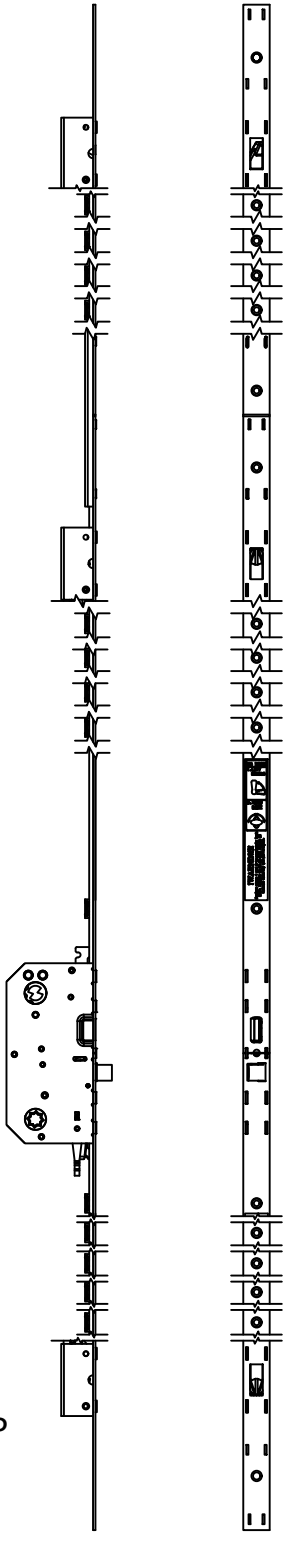
18

PASSIVE DOUBLE DOOR (8' OR LESS)
PASSIVE LOCK SYSTEM
STEEL



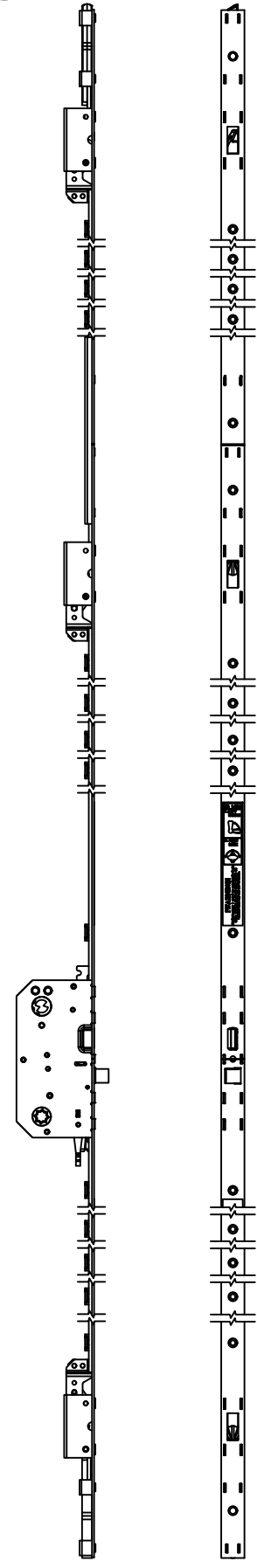
25

ACTIVE SINGLE DOOR (ABOVE 8')
4 PT. LOCK SYSTEM
STEEL



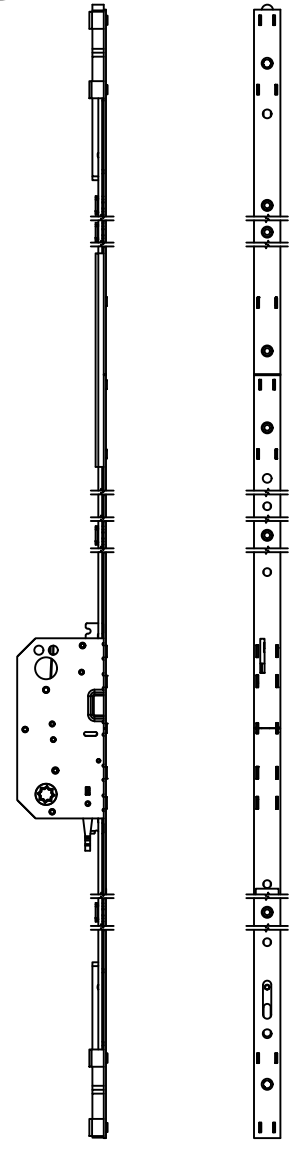
26

ACTIVE DOUBLE DOOR (ABOVE 8')
6 PT. LOCK SYSTEM
STEEL



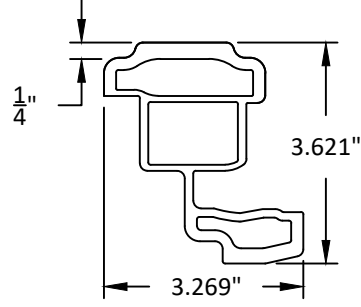
27

PASSIVE DOUBLE DOOR (ABOVE 8')
PASSIVE LOCK SYSTEM
STEEL



23

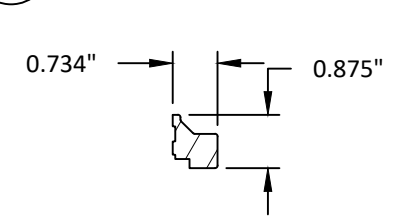
ASTRAGAL (PASSIVE)
FIBERGLASS



FOR USE WITH DOOR TALLER THAN 8'

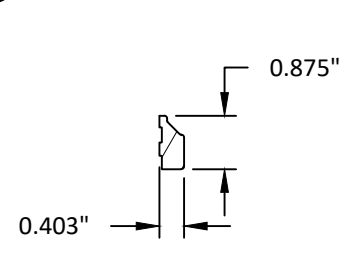
24

MONO GLAZING STOP
WOOD



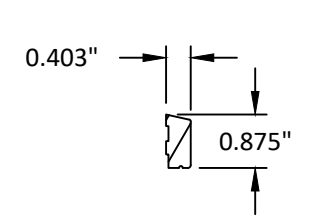
24A

7/8" GLAZING STOP
WOOD



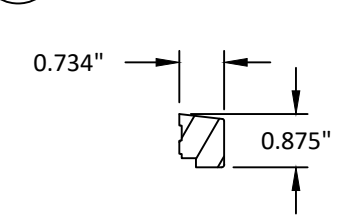
24B

CONTEMPORARY GLAZING STOP 7/8" I.G.
WOOD



24C

CONTEMPORARY MONO GLAZING STOP
WOOD



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

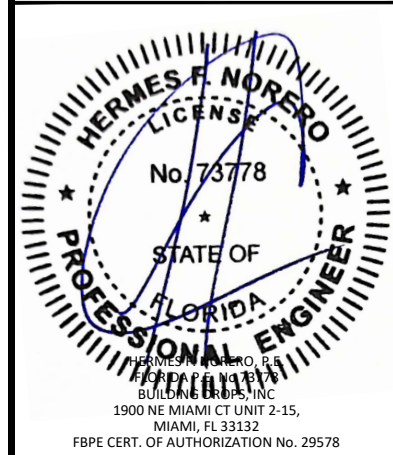
TITLE: A-SERIES HINGED
PATIO DOOR-OUTSWING
WITH STORMWATCH PROTECTION
(HVHZ)(IMPACT)
COMPONENTS

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



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	1.17.20
CONTEMPORARY UPD.	SH	2.2.23
INSTALLATION UPD.	FB	12.9.23

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



FL #:	FL14285
DATE:	07.22.19
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD126
SHEET:	12
	OF 12