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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 ±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. FASTENER THROUGH FRAME/SILL BRACKET: FOR INSTALLATION THROUGH 2X WOOD FRAME USE ONE (1) #10 WOOD SCREW THROUGH FRAME AND/OR FOUR (4) #10 WOOD SCREWS PER SILL BRACKET OF SUFFICIENT LENGTH TO ACHIEVE *1 1/2* INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
5. FASTENER THROUGH FRAME/SILL BRACKET: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/ MASONRY, USE ONE (1) *3/16 INCH ITW TAPCON* THROUGH FRAME AND/OR TWO (2) *3/16 INCH ITW TAPCONS* PER SILL BRACKET OF SUFFICIENT LENGTH TO ACHIEVE *1 1/4* INCH MINIMUM EMBEDMENT.
6. FASTENER THROUGH FRAME/SILL BRACKET: FOR INSTALLATION THROUGH METAL STUD USE ONE (1) #10 SELF-TAPPING SCREWS THROUGH FRAME AND/OR FOUR (4) #10 SELF-TAPPING SCREWS PER SILL BRACKET OF SUFFICIENT LENGTH TO ACHIEVE *3 THREADS* MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
7. INSTALLATION CLIP & NAILING FLANGE: FOR INSTALLATION THROUGH 2X WOOD FRAME USE ONE (1) #10 WOOD SCREW PER CLIP AND ONE (1) #8 WOOD SCREW OR 11 GAUGE ROOFING NAIL/10D COMMON NAIL THROUGH NAILING FLANGE PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE *1 1/2* INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
8. INSTALLATION CLIP & NAILING FLANGE: FOR INSTALLATION THROUGH METAL STUD USE ONE (1) #10 SELF-TAPPING SCREW PER CLIP AND ONE (1) #8 SELF-TAPPING SCREW THROUGH NAILING FLANGE PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE *3 THREADS* MINIMUM PENETRATION BEYOND METAL FRAME.
9. GUSSET INSTALLATION AT MULLION HEAD: FOR INSTALLATION INTO 2X WOOD FRAME USE FOUR (4) #10 WOOD SCREWS PER GUSSET OF SUFFICIENT LENGTH TO ACHIEVE *1 1/2 INCH* MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
10. GUSSET INSTALLATION AT MULLION HEAD: FOR INSTALLATION THROUGH METAL FRAMING USE FOUR (4) #10 SELF-TAPPING SCREWS PER GUSSET OF SUFFICIENT LENGTH TO ACHIEVE *3 THREADS* MINIMUM PENETRATION BEYOND METAL FRAMING. STEEL SHALL BE MINIMUM 14 GA. THICK AND MINIMUM 36 KSI YIELD STRENGTH, SEE NOTE 15.E BELOW. ALUMINUM SHALL BE MINIMUM 3/16" THICK AND OF 6063-T5 ALLOY OR BETTER, SEE NOTE 15.G.
11. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
12. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
13. 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.
14. 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.
15. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF *0.55*.

B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF *3000 PSI*.

C. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

E. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS. (20 GAUGE).

F. STEEL - FOR GUSSET INSTALLATIONS, MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM WALL THICKNESS OF 75 MILS. (14 GAUGE).

G. ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

H. ALUMINUM - FOR GUSSET INSTALLATIONS, 3/16" MINIMUM THICKNESS (6063-T5)

ANDERSEN CORPORATION

AW ARCHITECTURAL ALUMINUM CLAD OUTSWING

PATIO DOOR

(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, ALSO WITH CURRENT INTERNATIONAL BUILDING CODE AND THE CURRENT INTERNATIONAL RESIDENTIAL CODE, 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 LINEAL MATERIAL: *PONDEROSA PINE OR EQUIVALENT*
DOOR CURVED MATERIAL: *LAMINATED VENEER LUMBER (LVL)*
CLADDING MATERIAL: *6063-T5 ALUMINUM*
7. LVL COMPLIES WITH FBC REQUIREMENTS FOR STRUCTURAL COMPOSITE LUMBER.
8. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAIL..
9. IN ACCORDANCE WITH THE FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS PER CH 23.
10. IN ACCORDANCE WITH FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS PER CH 20.
11. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL
12. CUSTOM SIZES AVAILABLE UPON REQUEST.

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7	4-9/16" LVL MULLION DP TABLES
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8	COMPONENTS & BILL OF MATERIALS
10	COMPONENTS (1)
11	COMPONENTS (2)

SIZE	DESIGN PRESSURE RATING	MISSILE IMPACT RATING
38" X 95 1/2"	*+45.0 / -45.0 PSF	NON-IMPACT
75 1/4" X 95 1/2"	*+45.0 / -45.0 PSF	NON-IMPACT

*RATED FOR WATER INFILTRATION



ANDERSEN
WINDOWS & DOORS

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TITLE:

KML/AW ARCHITECTURAL ALUMINUM CLAD
OUTSWING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)

GENERAL AND INSTALLATION NOTES

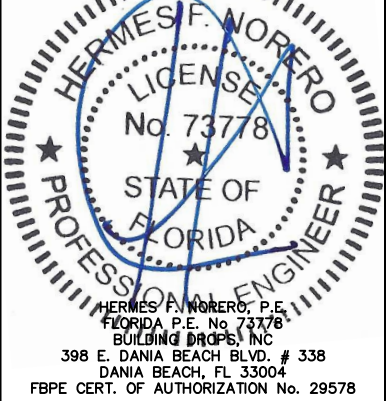
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REMARKS	BY	DATE
4TH FBC CODE CHANGE	MS	10.18.12
5TH FBC CODE CHANGE	SM	4.22.15
6TH FBC CODE CHANGE	HR	8.15.17
7TH FBC CODE CHANGE	SR	3.27.20
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Reason: I am approving this document
Date: 2020.10.15 16:13:24 +02'00'



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DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

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FL24175

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08.15.17

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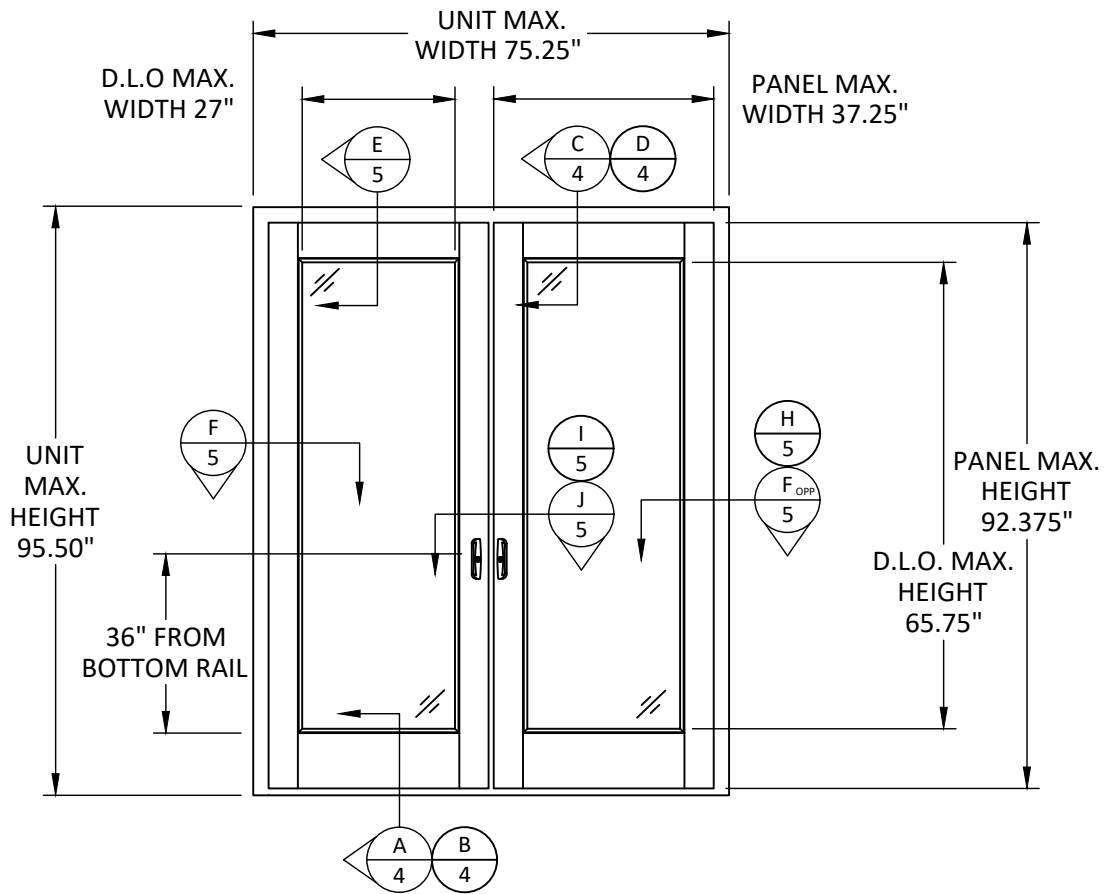
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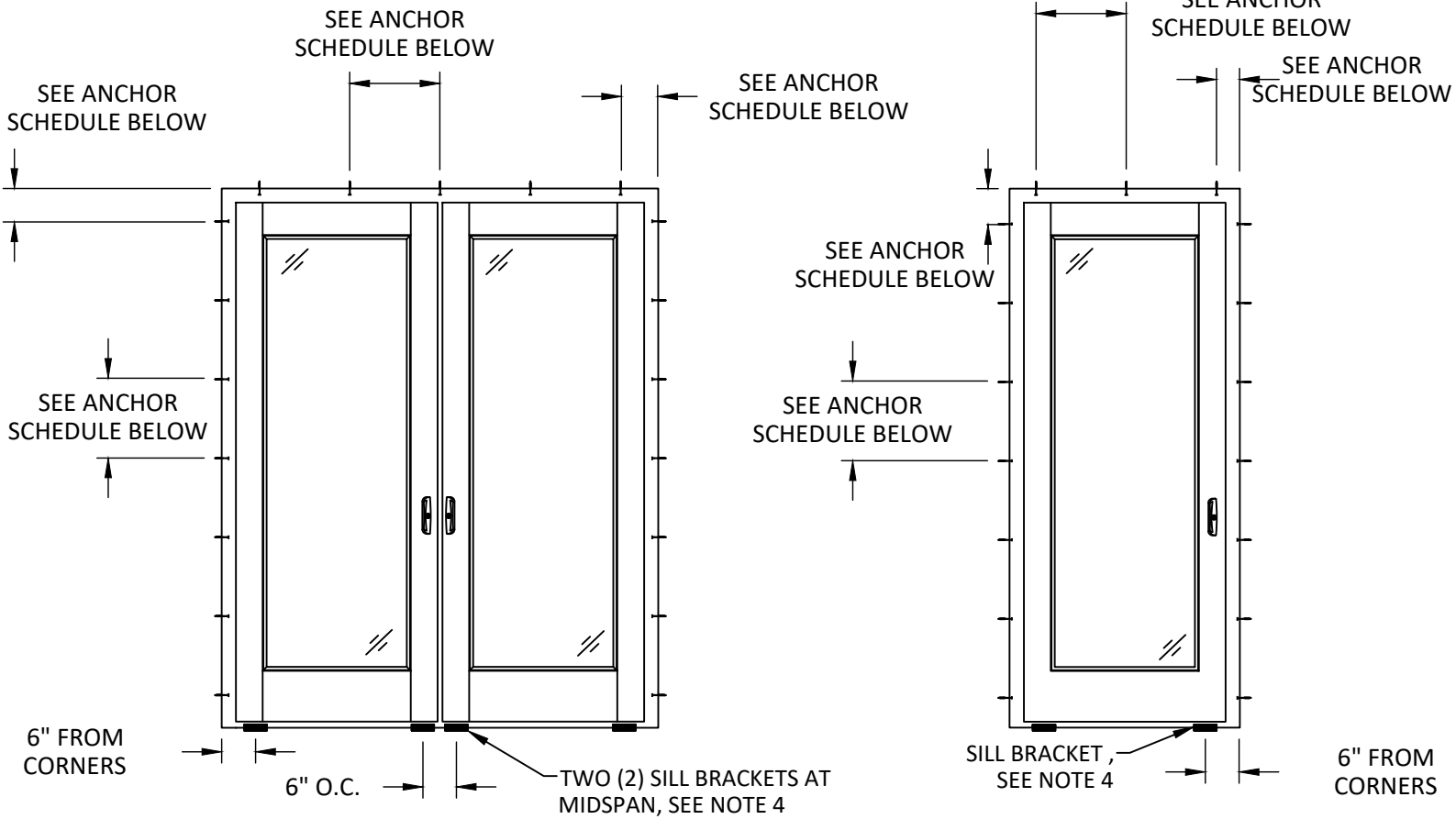
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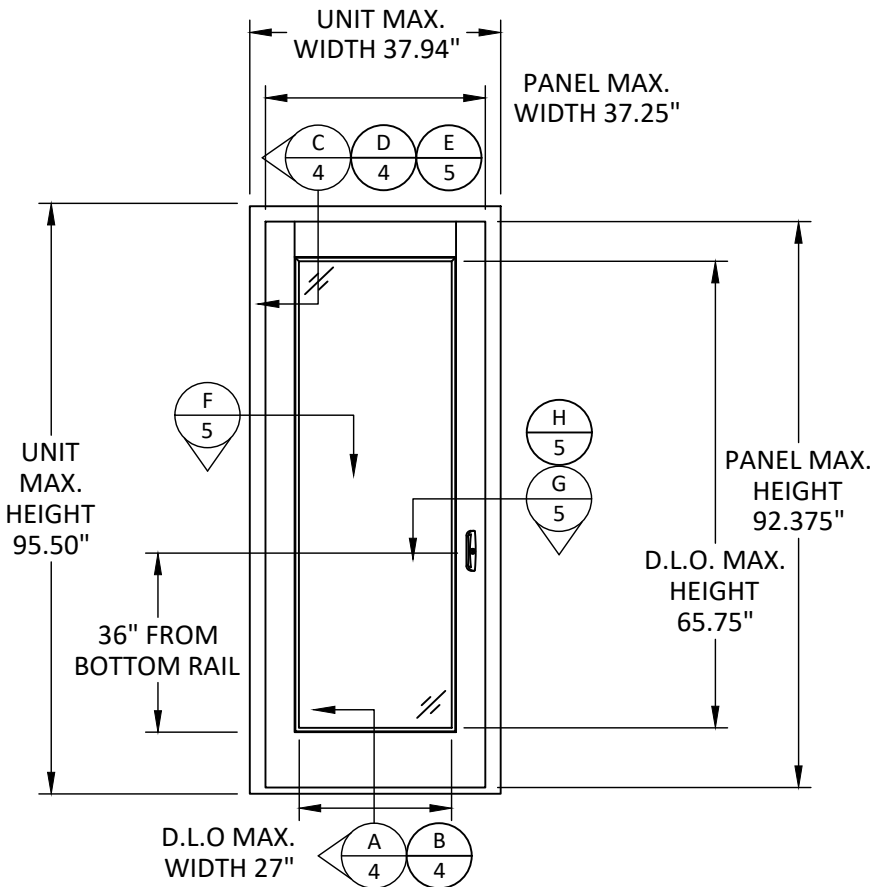


ELEVATION



ANCHOR LAYOUT

ANCHOR LAYOUT



ELEVATION

ANCHOR SCHEDULE									
LOCATION		QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)	HEAD O.C. DISTANCE (IN.)	JAMB O.C. DISTANCE (IN.)	CORNER DISTANCE (IN.)
THRU FRAME		1	WOOD	#10 WOOD ANCHOR	1.5	0.75	18	18	6
THRU FRAME		1	CONCRETE/ MASONRY	3/16" ITW TAPCON	1.25	2.5	18	18	6
THRU FRAME		1	METAL STUD	#10 SELF-TAPPING SCREW	3 THREADS	N/A	18	18	6
INSTALLATION CLIP & NAILING FLANGE	INSTALLATION CLIP	1	WOOD	#10 WOOD ANCHOR	1.5	0.75	18	18	6
	NAIL FIN	1	WOOD	#8 WOOD ANCHOR OR 11 GAUGE ROOFING OR 10d COMMON NAIL	1.5	0.75	7	7	4
INSTALLATION CLIP & NAILING FLANGE	INSTALLATION CLIP	1	METAL STUD	#10 SELF-TAPPING SCREW	3 THREADS	N/A	18	18	6
	NAIL FIN	1	METAL STUD	#8 SELF-TAPPING SCREW	3 THREADS	N/A	7	7	4

NOTES:

- 1) NAIL FIN AND INSTALLATION CLIPS MUST BE INSTALLED SIMULTANEOUSLY.
- 2) ANCHOR SCHEDULE APPLIES TO ALL CONFIGURATIONS.
- 3) CONFIGURATIONS MAY BE COMBINATIONS OF FIXED OR OPERABLE PANELS.
- 4) SILL BRACKETS SHALL BE FASTENED WITH FOUR (4) INSTALLATION ANCHORS WHEN FASTENED TO WOOD OR METAL SUBSTRATES OR WITH TWO (2) INSTALLATION ANCHORS WHEN FASTENED TO CONCRETE/MASONRY SUBSTRATES. SEE INSTALLATION NOTES 4, 5, OR 6, SHEET 1.



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ELEVATIONS & ANCHOR LAYOUTS

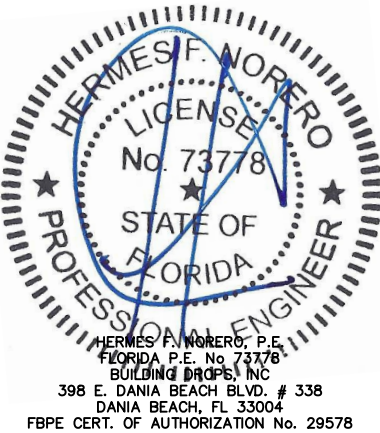
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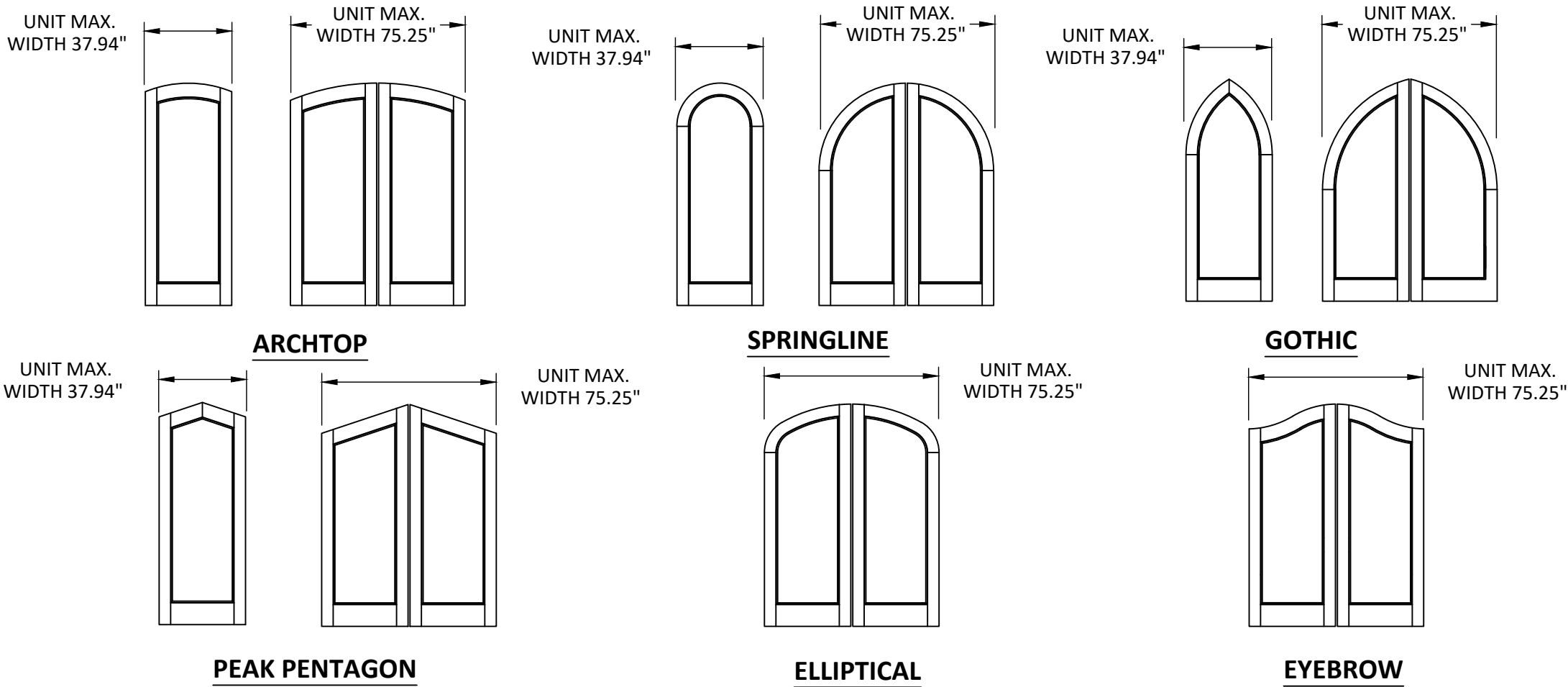
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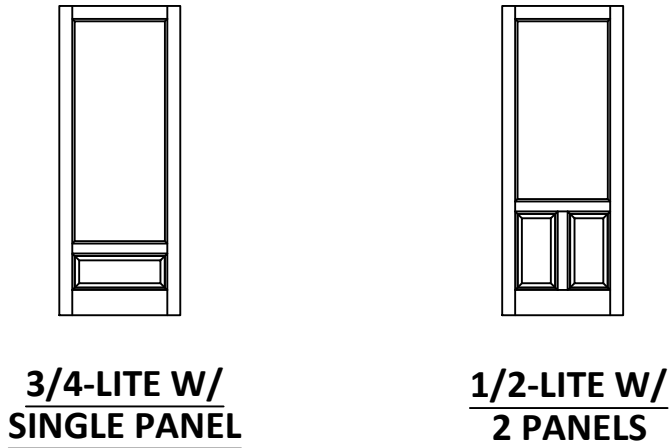
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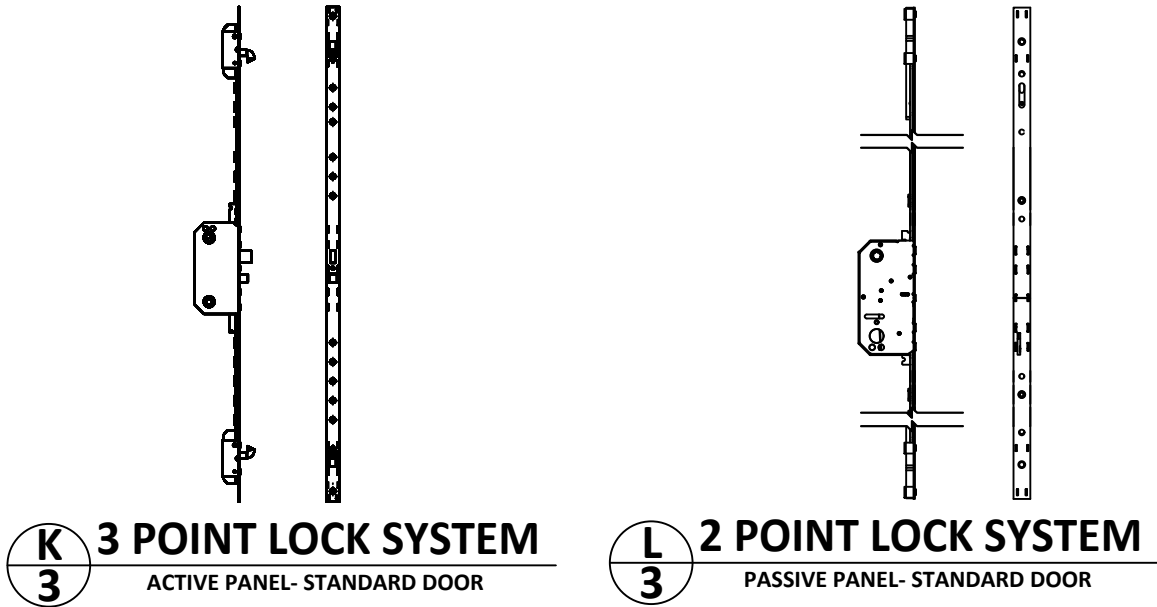
ALTERNATE QUALIFIED SHAPES:



PANEL CONFIGURATIONS:



LOCKING HARDWARE:



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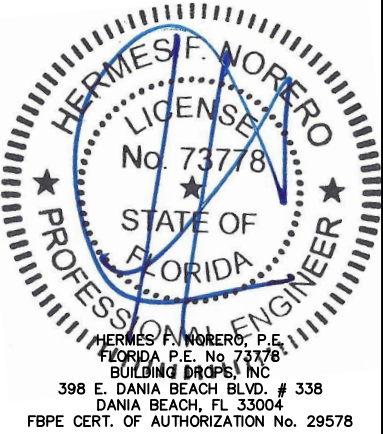
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QUALIFIED SHAPES & LOCKING HARDWARE

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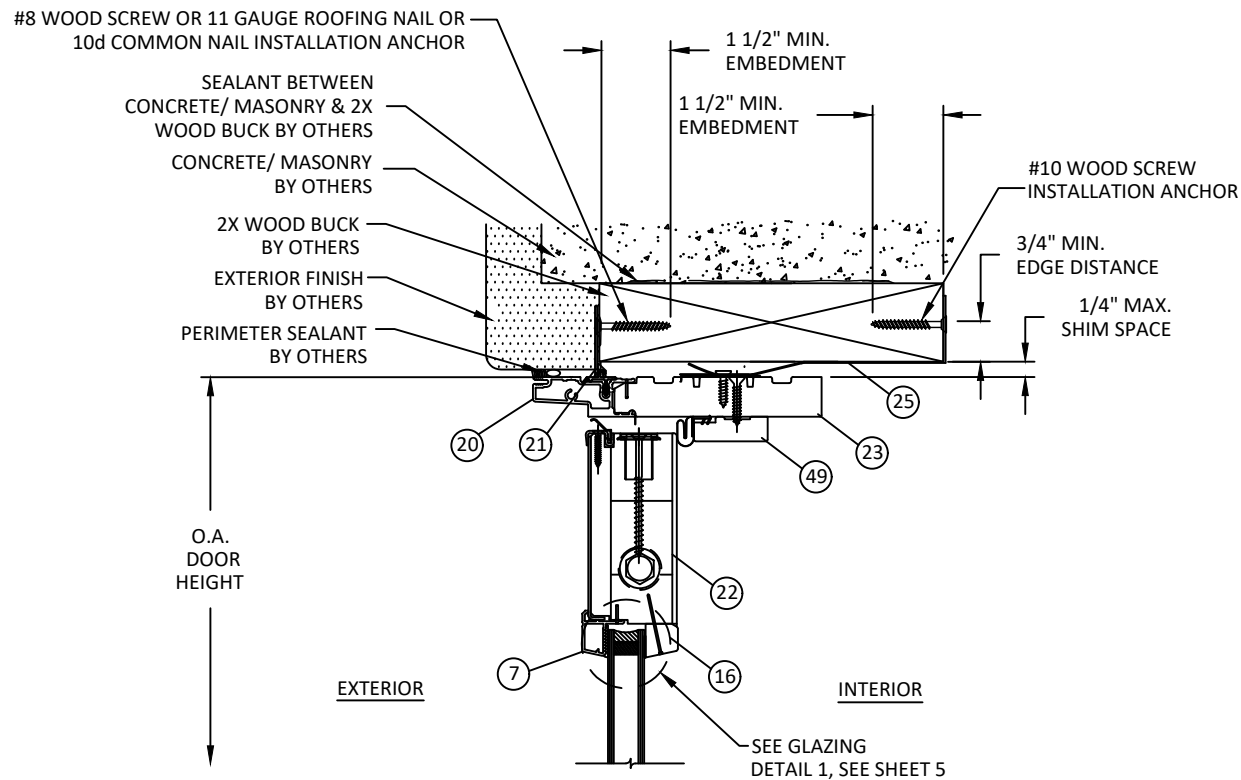
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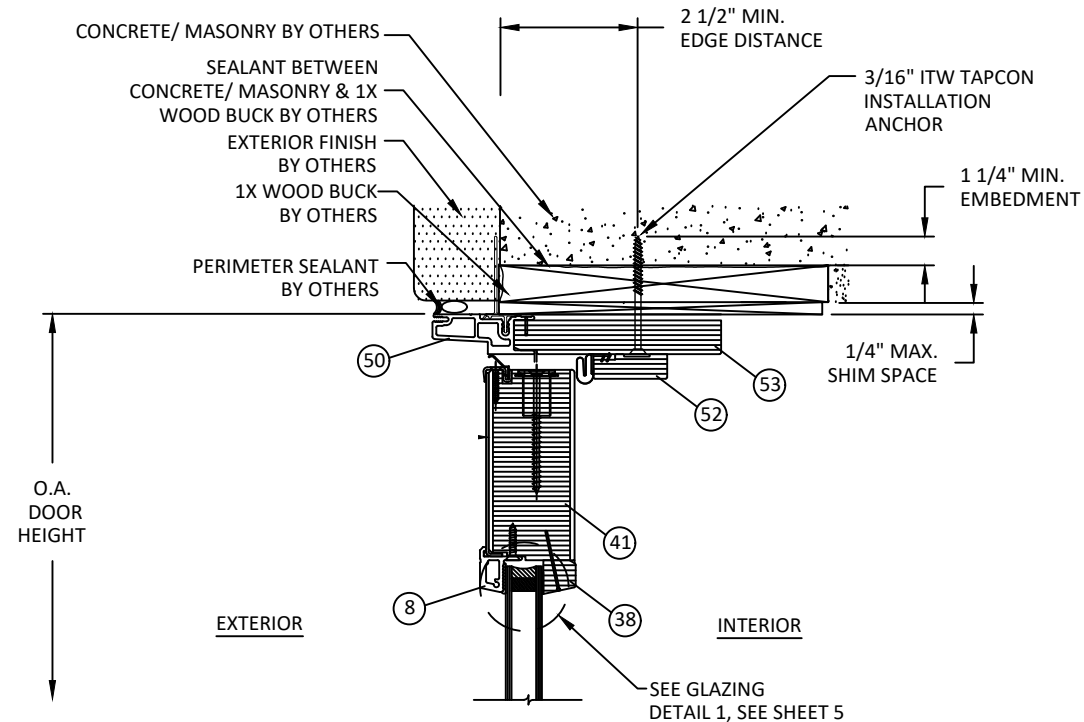
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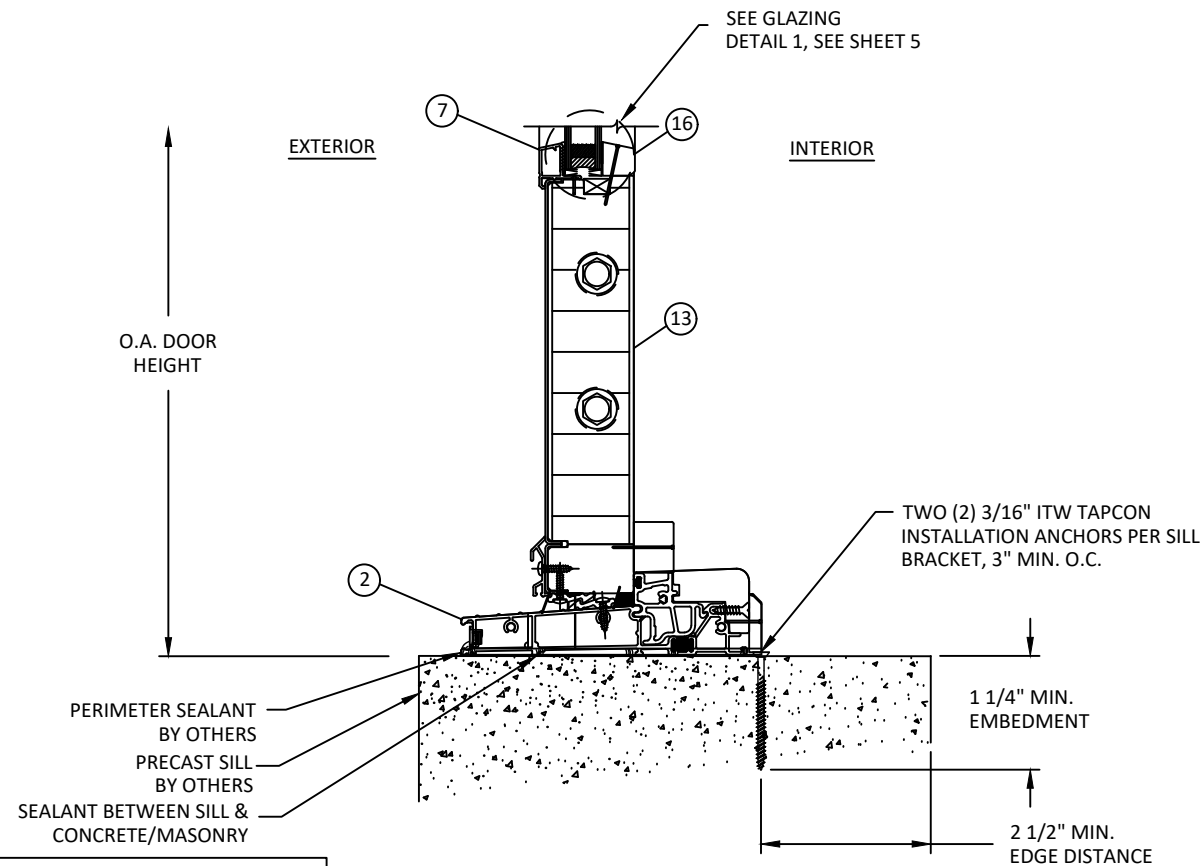
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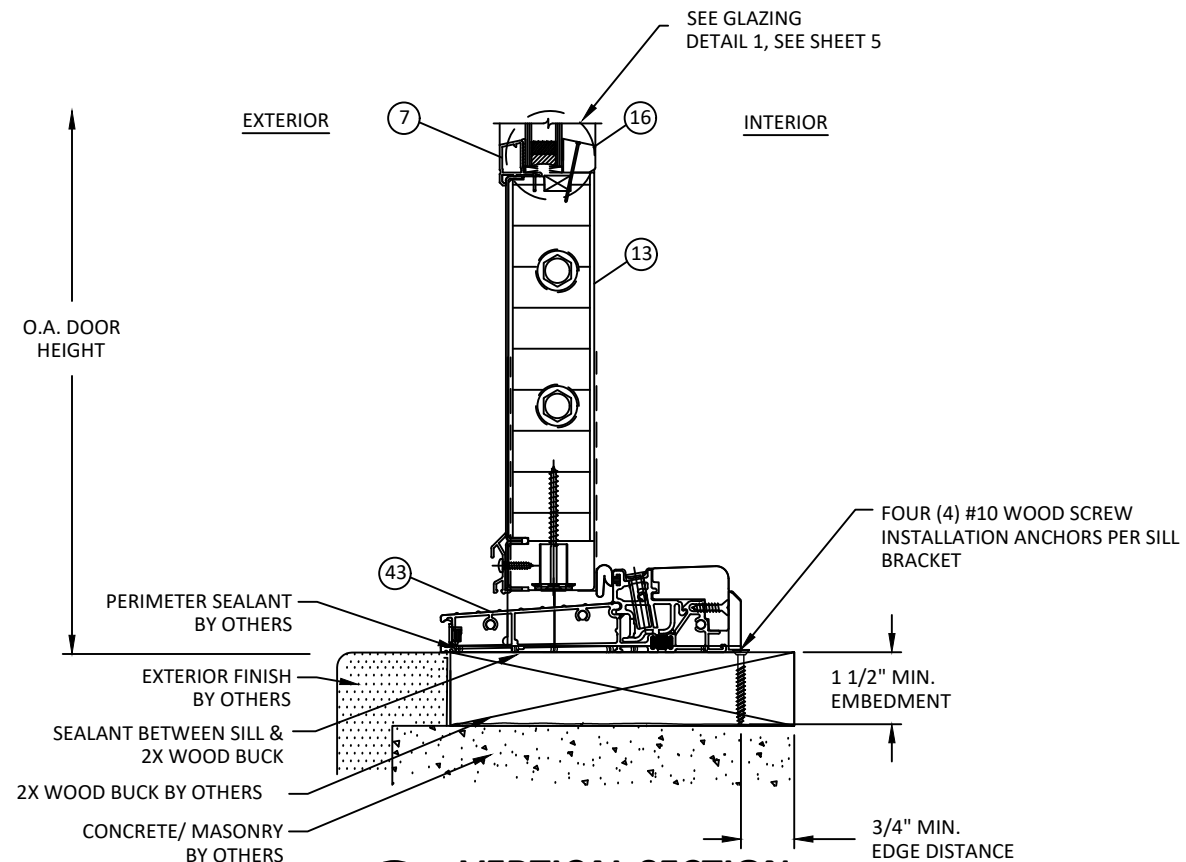
C
4 **VERTICAL SECTION**
HEAD - 2X WOOD FRAME
OPERABLE RECTANGLE PANEL



D
4 **VERTICAL SECTION**
HEAD - 1X WOOD/CONCRETE/MASONRY
OPERABLE SPRINGLINE PANEL



A
4 **VERTICAL SECTION**
SILL - CONCRETE SLAB
FIXED PANEL



B
4 **VERTICAL SECTION**
SILL - 2X WOOD/CONCRETE/MASONRY
OPERABLE PANEL



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VERTICAL SECTIONS

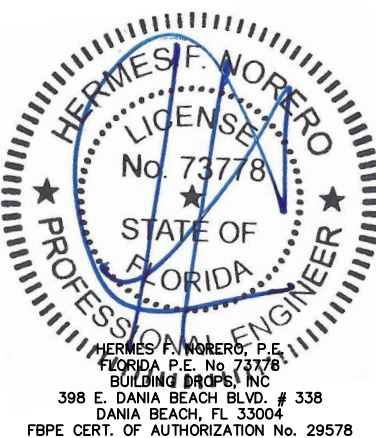
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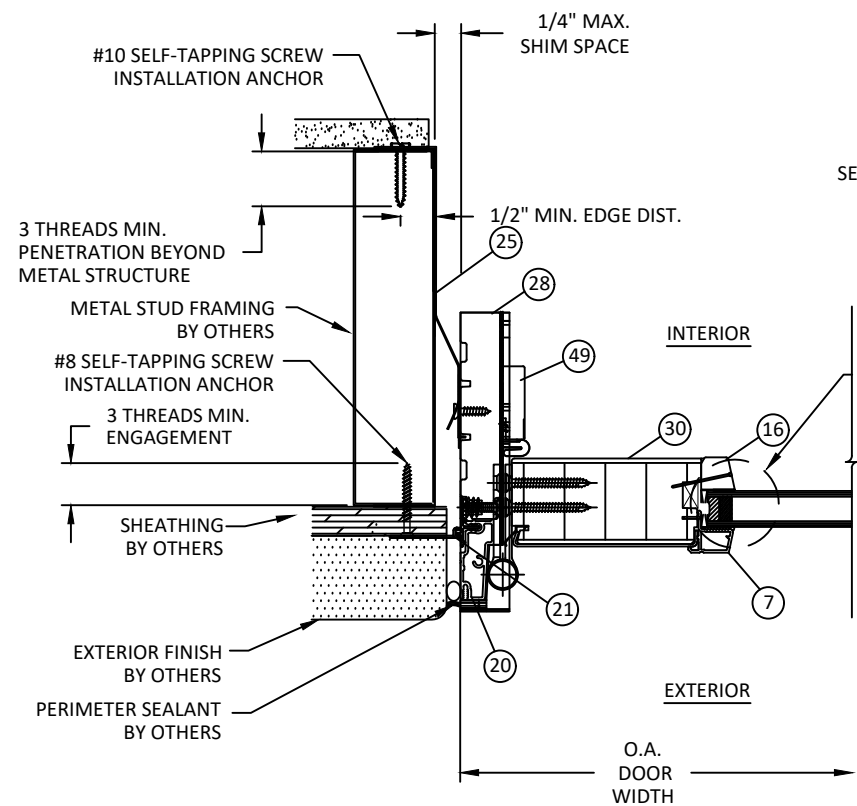
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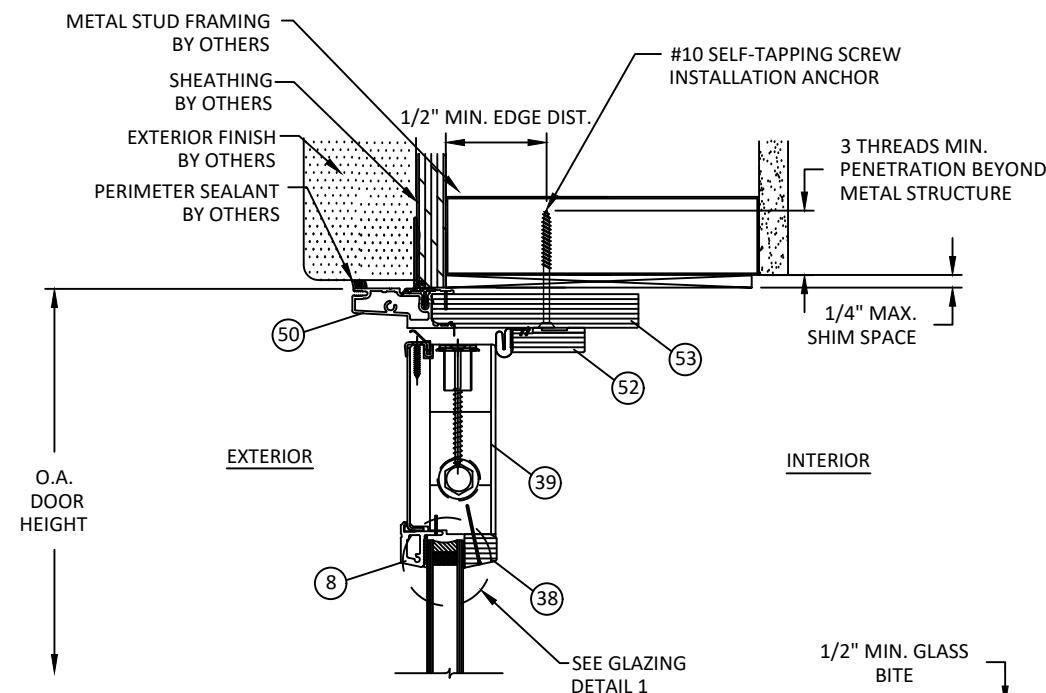
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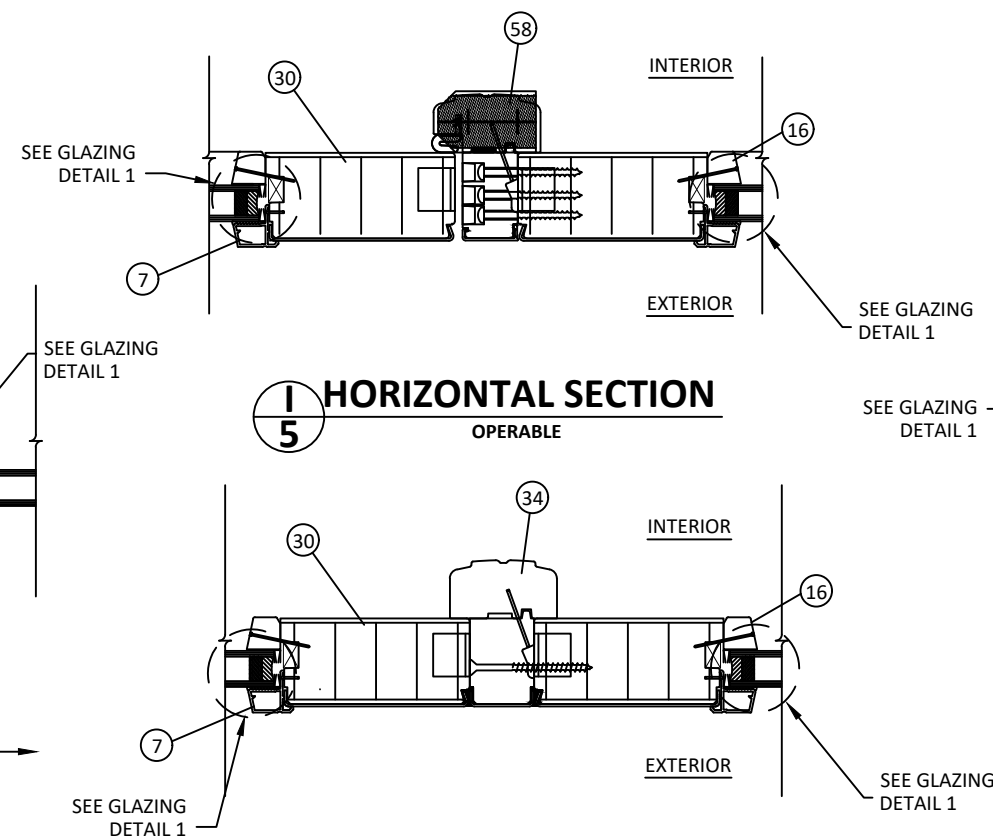
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F5 HORIZONTAL SECTION
JAMB - METAL STUD FRAME
NAIL FIN & INSTALLATION CLIP - OPERABLE



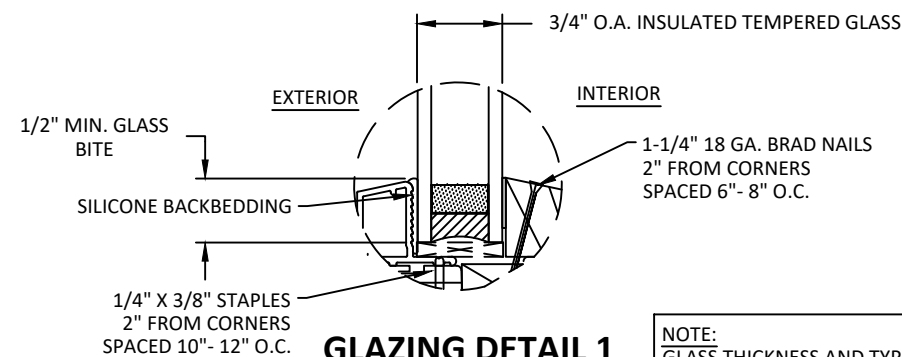
E5 VERTICAL SECTION
HEAD - METAL STUD
OPERABLE ARCHTOP PANEL



I5 HORIZONTAL SECTION
OPERABLE

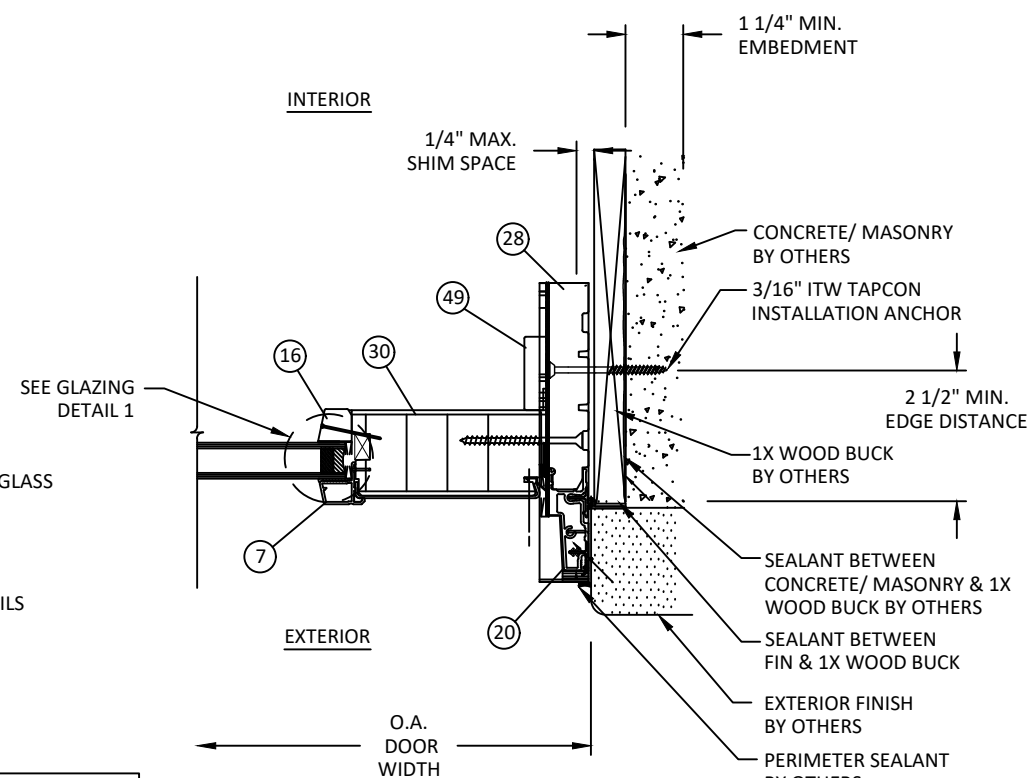
J5 HORIZONTAL SECTION
FIXED

- GLAZING NOTES:
- GLASS TYPE & THICKNESS SHALL COMPLY 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 SHOWN IN DESIGN PRESSURE TABLE ON SHEET 1.



GLAZING DETAIL 1

NOTE:
GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E 1300 GLASS CHART REQUIREMENTS



H5 HORIZONTAL SECTION
JAMB - 1X WOOD/CONCRETE/MASONRY
THROUGH FRAME - FIXED



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VERTICAL & HORIZONTAL SECTION, &
GLAZING DETAILS

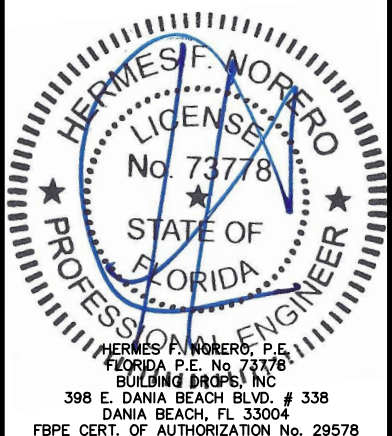
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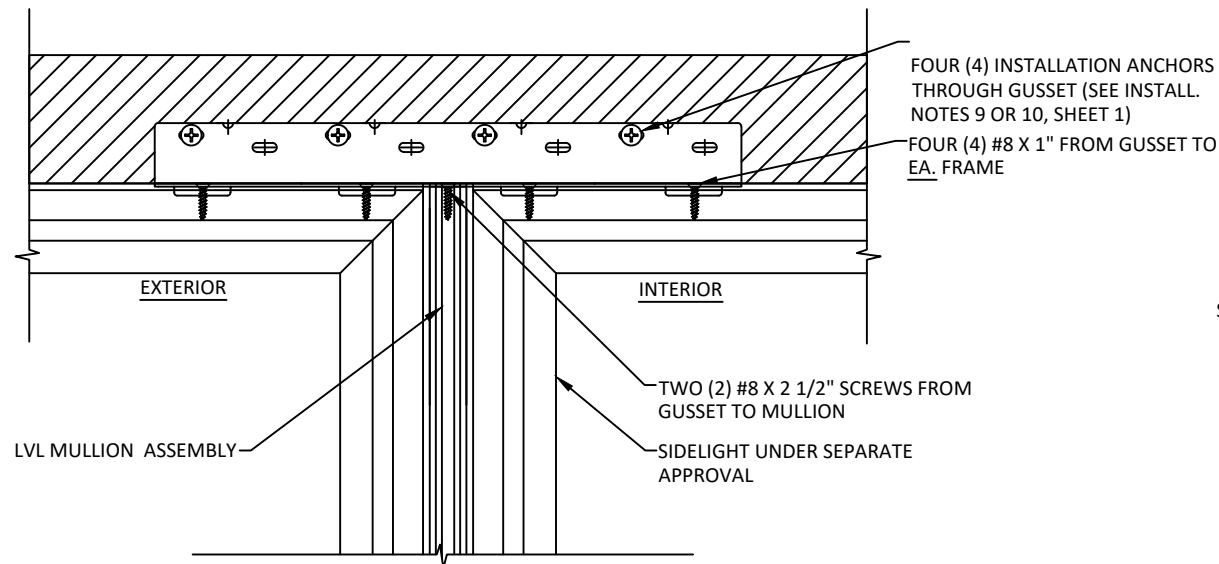
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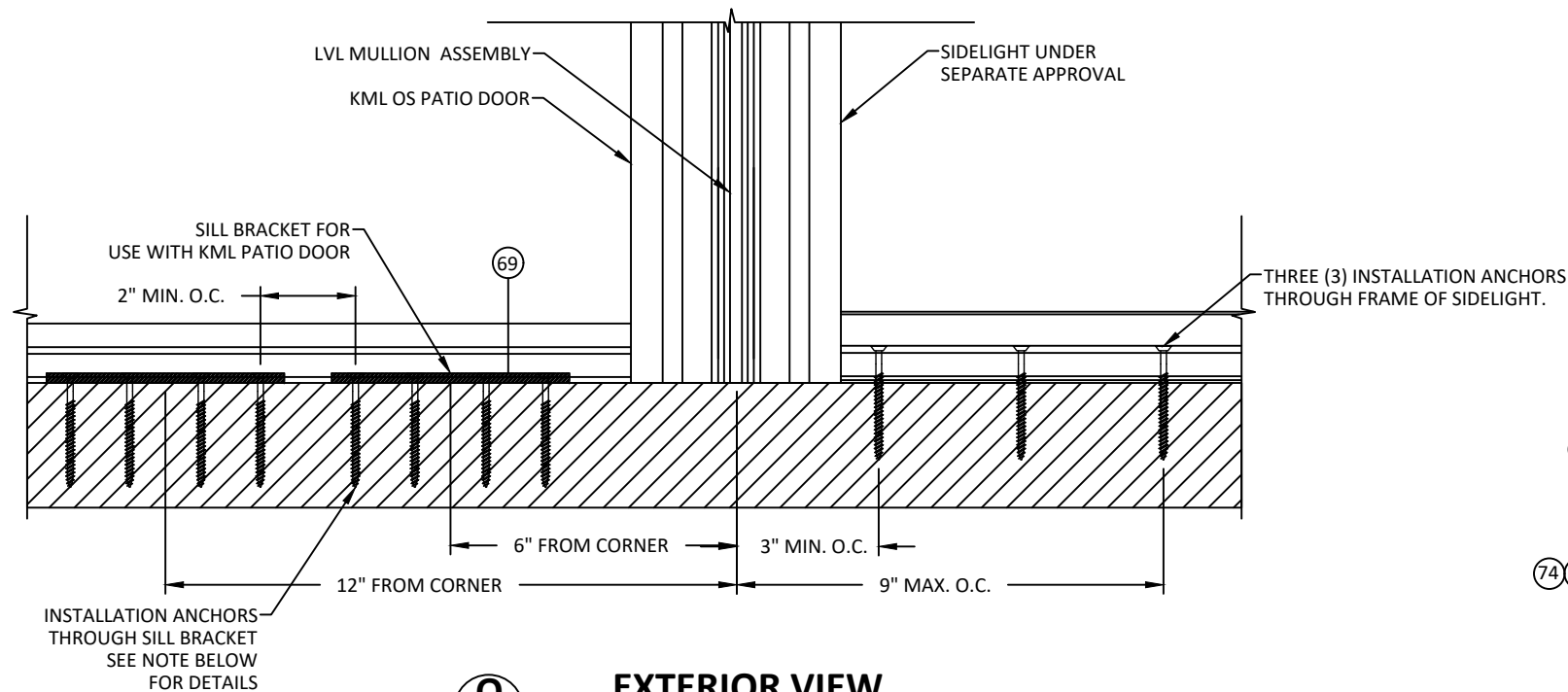
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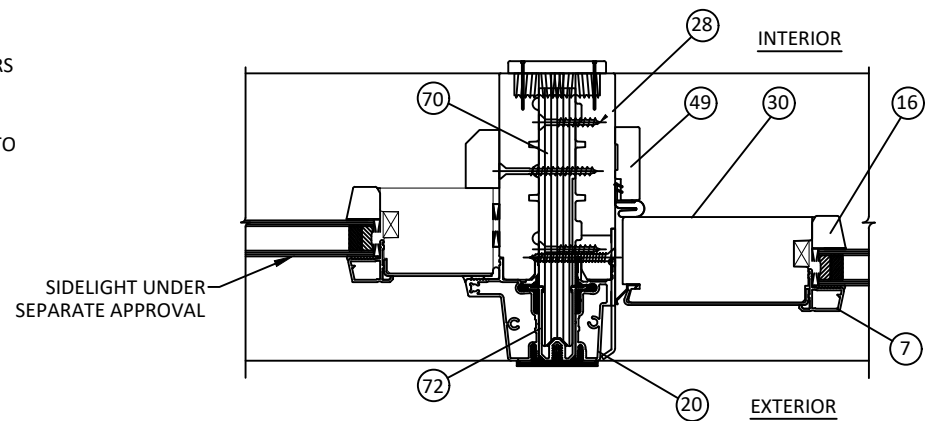
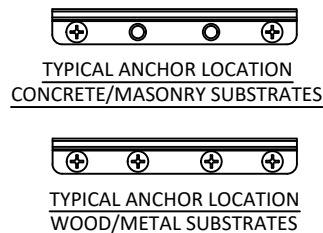


N
6
EXTERIOR VIEW
MULLION ANCHOR DETAIL - HEAD GUSSET INSTALLATION - TYP.

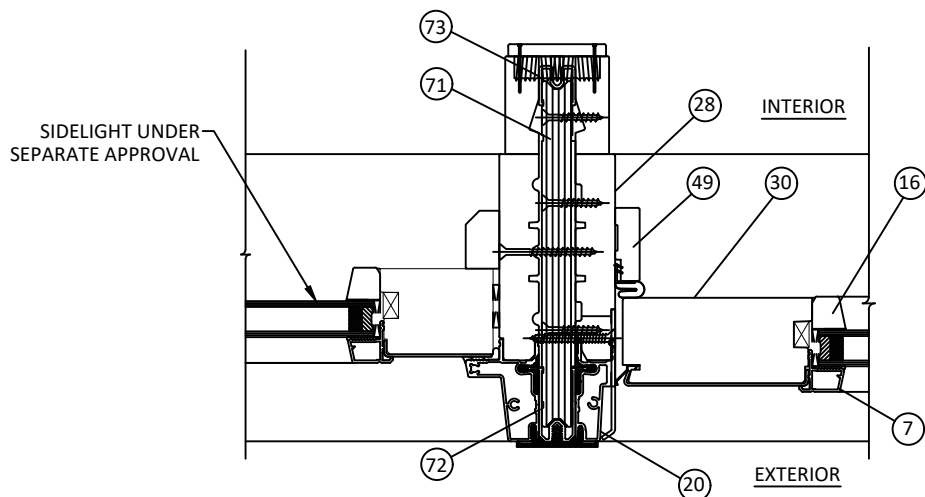


O
6
EXTERIOR VIEW
MULLION ANCHOR DETAIL - SILL BRACKET/THROUGH FRAME - TYP.

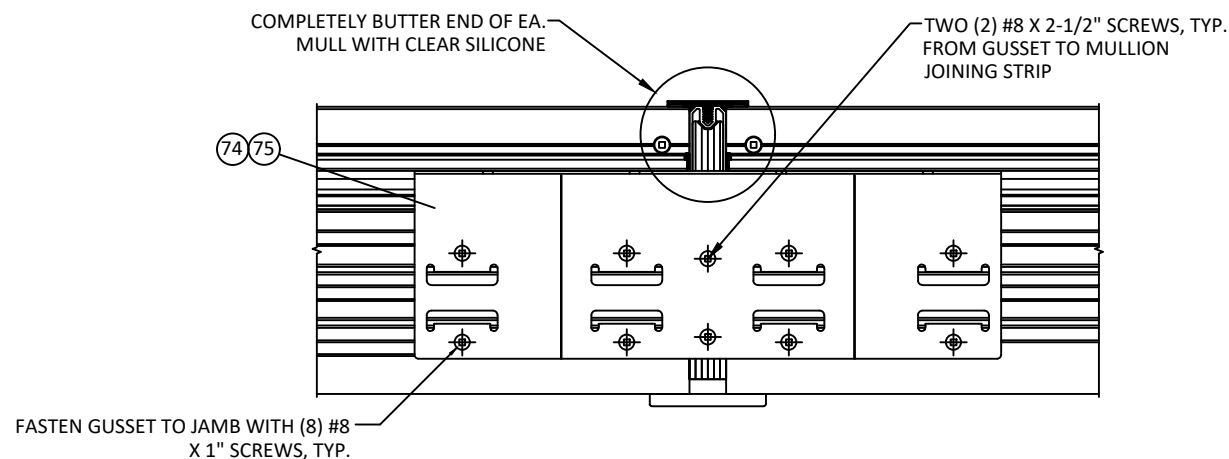
NOTE:
ADDITIONAL SILL BRACKET IS REQUIRED WHEN UNITS ARE MULLED. SILL BRACKETS SHALL BE INSTALLED PER DETAILS A/4 & B/4. FOR INSTALLATION INTO WOOD OR METAL FRAME SUBSTRATES, USE FOUR (4) INSTALLATION ANCHORS PER BRACKET LOCATION. FOR INSTALLATION INTO CONCRETE/MASONRY SUBSTRATES, USE TWO (2) INSTALLATION ANCHORS PER BRACKET LOCATION WITH 2" MIN. O.C. SPACING. SEE DETAILS AT RIGHT.



K
6
HORIZONTAL SECTION
4-9/16" LVL MULLION - TYP. SIDELIGHT TO OUTSWING DOOR



L
6
HORIZONTAL SECTION
6-9/16" LVL MULLION - TYP. SIDELIGHT TO OUTSWING DOOR



M
6
HORIZONTAL SECTION
LVL MULLION GUSSET DETAIL - TYP.



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

TITLE:
KML/AW ARCHITECTURAL ALUMINUM CLAD
OUTSWING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)

MULLION INSTALLATION DETAILS

PREPARED BY:

BUILDING DROPS, INC.

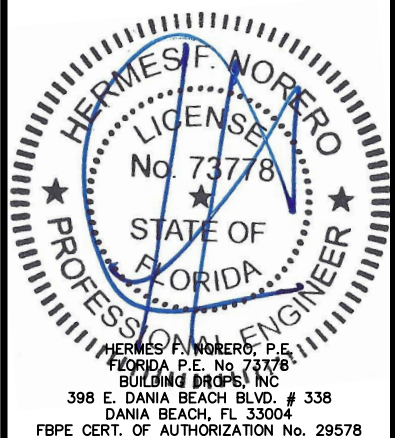
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004

PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
4TH FBC CODE CHANGE	MS	10.18.12
5TH FBC CODE CHANGE	SM	4.22.15
6TH FBC CODE CHANGE	HR	8.15.17
7TH FBC CODE CHANGE	SR	3.27.20

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FL #:
FL24175

DATE: **08.15.17**

DWG. BY:
HR

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **AWD151**

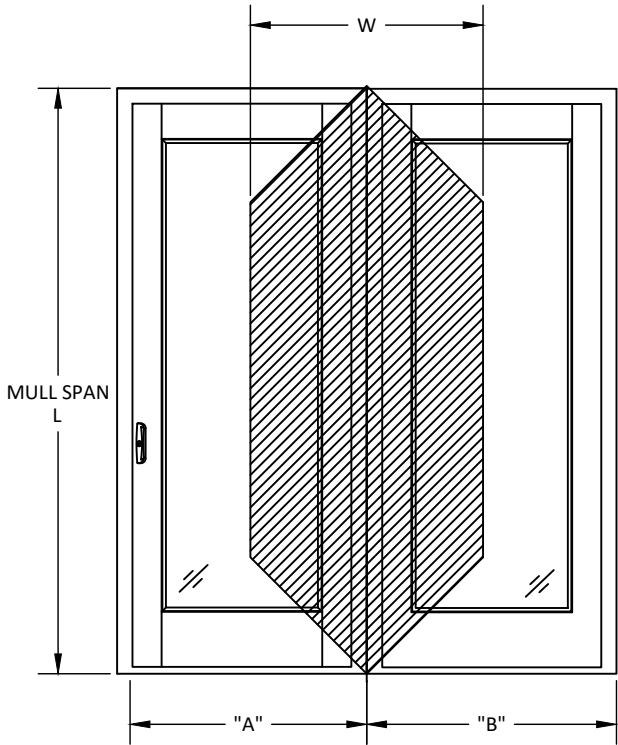
SHEET:

6

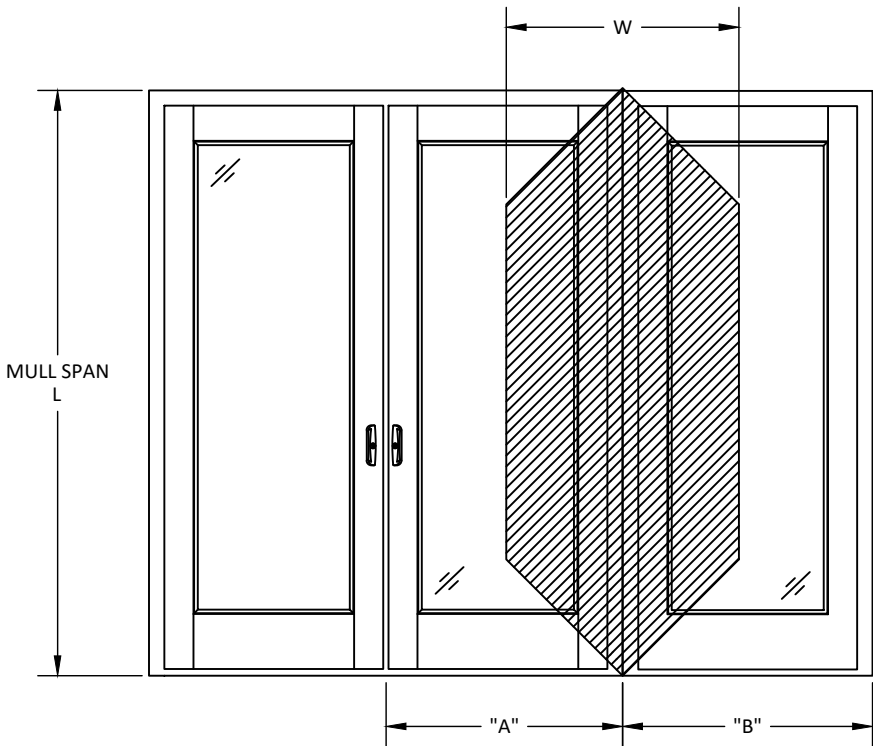
OF 11

L - Mullion Length	4-9/16" LVL Mullion - One Way Load Table																													
		TRIBUTARY WIDTH = A+B/2																												
		124.00	120.00	116.00	112.00	108.00	104.00	100.00	96.00	92	88	84	80	76	72	68	64	60	56	52	48	44	40	36	32	28	24	20	16	
	60	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	64	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	68	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	72	91.36	91.36	91.36	91.36	91.36	91.36	91.36	91.36	91.36	91.36	91.36	91.36	91.36	91.36	91.71	92.78	94.62	97.29	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	76	73.59	73.59	73.59	73.59	73.59	73.59	73.59	73.59	73.59	73.59	73.59	73.59	73.59	73.84	74.62	75.94	77.86	80.44	83.79	88.06	93.46	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	80	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	60.13	60.70	61.66	63.06	64.94	67.36	70.41	74.24	79.02	85.01	92.59	100.00	100.00	100.00	100.00	100.00	
	84	49.31	49.31	49.31	49.31	49.31	49.31	49.31	49.31	49.31	49.31	49.31	49.31	49.45	49.88	50.60	51.63	53.02	54.80	57.03	59.80	63.22	67.45	72.72	79.36	87.87	99.03	100.00	100.00	
	88	40.94	40.94	40.94	40.94	40.94	40.94	40.94	40.94	40.94	40.94	40.94	41.04	41.37	41.91	42.69	43.73	45.05	46.71	48.75	51.25	54.31	58.06	62.72	68.56	76.02	85.78	98.99	100.00	
	92	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.35	34.60	35.01	35.61	36.40	37.40	38.65	40.17	42.03	44.28	47.02	50.36	54.49	59.65	66.22	74.81	86.41	100.00	100.00	
	96	28.91	28.91	28.91	28.91	28.91	28.91	28.91	28.91	28.97	29.16	29.48	29.94	30.55	31.32	32.27	33.43	34.83	36.51	38.54	41.00	43.98	47.65	52.23	58.05	65.64	75.88	90.36	100.00	
	100	24.55	24.55	24.55	24.55	24.55	24.55	24.55	24.60	24.75	25.00	25.36	25.83	26.43	27.16	28.06	29.13	30.41	31.94	33.77	35.97	38.64	41.92	46.00	51.18	57.92	67.00	79.83	99.22	
	104	20.99	20.99	20.99	20.99	20.99	20.99	21.02	21.14	21.34	21.62	21.99	22.46	23.04	23.73	24.56	25.55	26.72	28.11	29.76	31.75	34.15	37.08	40.73	45.35	51.37	59.46	70.89	88.13	
	108	-	-	-	-	-	-	-	-	-	-	-	-	-	20.22	20.87	21.64	22.54	23.61	24.88	26.38	28.17	30.33	32.97	36.24	40.38	45.77	53.01	63.23	78.65
	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.00	20.98	22.13	23.49	25.11	27.06	29.44	32.39	36.12	40.96	47.47	56.64	70.47	
	116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.01	22.49	24.25	26.41	29.07	32.44	36.80	42.67	50.94	63.40	
	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.22	21.82	23.78	26.19	29.24	33.19	38.50	45.97	57.24	
124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.49	23.68	26.45	30.04	34.86	41.64	51.85		

- NOTE:
- 1) MULLION CHART APPLIES TO 4-9/16" LVL MULLION ASSEMBLIES WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
 - 2) UNITS MAY BE MULLED IN TYPICAL CONFIGURATIONS INCLUDING THOSE SHOWN IN ELEVATIONS A & B AT RIGHT.
 - 3) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 4) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
 - 5) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT SIDELIGHT SHALL BE UNDER SEPARATE APPROVAL
 - 6) TRIBUTARY WIDTH = W = (A+B)/2
 - 7) REFER TO DETAILS N/6 AND O/6 FOR PROPER INSTALLATION OF MULLION TO THE ROUGH OPENING.



ELEVATION A



ELEVATION B



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

TITLE:

KML/AW ARCHITECTURAL ALUMINUM CLAD
OUTSWING PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)

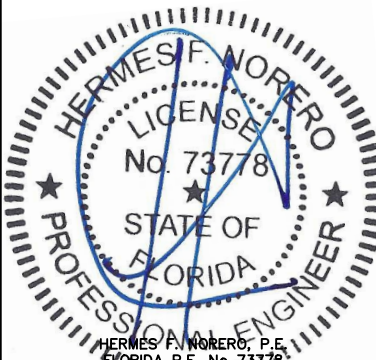
4-9/16" LVL MULLION DP TABLES

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
4TH FBC CODE CHANGE	MS	10.18.12
5TH FBC CODE CHANGE	SM	4.22.15
6TH FBC CODE CHANGE	HR	8.15.17
7TH FBC CODE CHANGE	SR	3.27.20

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HERMES F. MORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

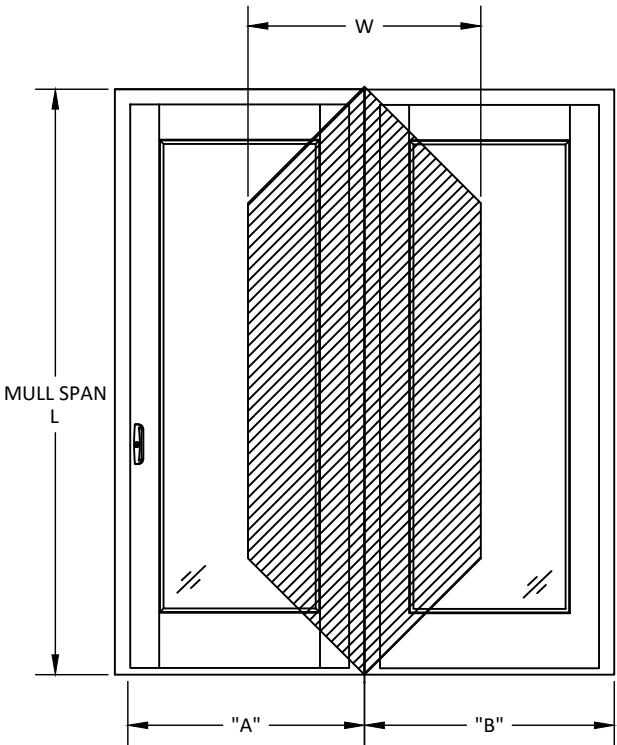
FL #:	FL24175
DATE:	08.15.17
DWG. BY:	CHK. BY:
HR	HFN
SCALE:	NTS
DWG. #:	AWD151
SHEET:	

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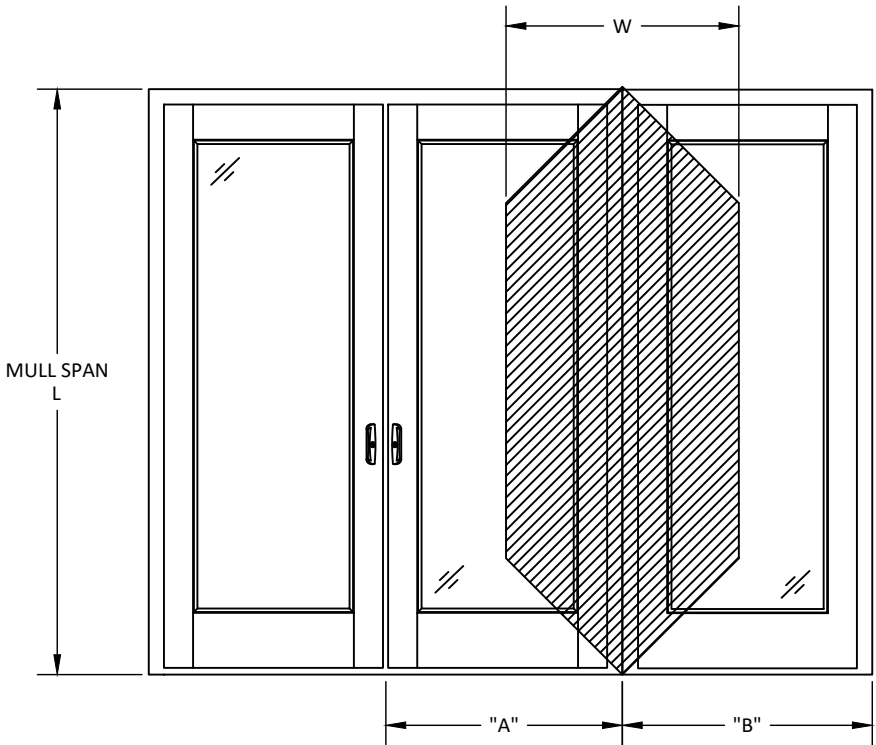
6-9/16" One Way Load Table																													
TRIBUTARY WIDTH = A+B/2																													
	124	120	116	112	108	104	100	96	92	88	84	80	76	72	68	64	60	56	52	48	44	40	36	32	28	24	20	16	
L - Mullion Length	60	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	64	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	68	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	72	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	76	96.13	96.13	96.13	96.13	96.13	96.13	96.13	96.13	96.13	96.13	96.13	96.13	96.40	97.21	98.59	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	80	86.76	86.76	86.76	86.76	86.76	86.76	86.76	86.76	86.76	86.76	86.76	86.98	87.64	88.76	90.38	92.54	95.34	98.87	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	84	78.69	78.69	78.69	78.69	78.69	78.69	78.69	78.69	78.69	78.69	78.87	79.41	80.33	81.66	83.42	85.69	88.53	92.05	96.40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	88	71.70	71.70	71.70	71.70	71.70	71.70	71.70	71.70	71.70	71.70	71.85	72.30	73.06	74.15	75.61	77.46	79.78	82.63	86.11	90.38	95.60	100.00	100.00	100.00	100.00	100.00	100.00	
	92	65.60	65.60	65.60	65.60	65.60	65.60	65.60	65.60	65.60	65.73	66.10	66.74	67.65	68.86	70.39	72.30	74.63	77.46	80.90	85.06	90.14	96.40	100.00	100.00	100.00	100.00	100.00	
	96	60.25	60.25	60.25	60.25	60.25	60.25	60.25	60.25	60.35	60.67	61.21	61.97	62.98	64.27	65.85	67.78	70.11	72.91	76.27	80.33	85.27	91.33	98.87	100.00	100.00	100.00	100.00	
	100	55.53	55.53	55.53	55.53	55.53	55.53	55.53	55.62	55.88	56.34	56.99	57.84	58.92	60.25	61.86	63.79	66.10	68.86	72.15	76.11	80.90	86.76	94.05	100.00	100.00	100.00	100.00	
	104	47.77	47.77	47.77	47.77	47.77	47.77	47.86	48.13	48.58	49.22	50.06	51.13	52.44	54.02	55.91	58.16	60.82	63.98	67.75	72.27	76.95	82.63	89.67	98.59	100.00	100.00	100.00	
	108	41.08	41.08	41.08	41.08	41.08	41.15	41.36	41.72	42.23	42.90	43.75	44.78	46.02	47.50	49.25	51.32	53.75	56.63	60.04	64.12	69.04	75.04	82.49	91.93	100.00	100.00	100.00	
	112	35.52	35.52	35.52	35.52	35.57	35.74	36.03	36.44	36.98	37.65	38.48	39.47	40.64	42.02	43.63	45.53	47.75	50.37	53.47	57.16	61.60	67.02	73.73	82.22	93.24	100.00	100.00	
	116	30.86	30.86	30.86	30.91	31.05	31.28	31.61	32.05	32.59	33.25	34.05	34.98	36.08	37.36	38.85	40.60	42.63	45.02	47.83	51.18	55.21	60.11	66.17	73.84	83.78	97.13	100.00	
	120	26.95	26.95	26.99	27.10	27.29	27.56	27.91	28.35	28.89	29.53	30.29	31.17	32.19	33.38	34.76	36.36	38.22	40.40	42.97	46.02	49.68	54.12	59.62	66.56	75.56	87.64	100.00	
124	23.64	23.67	23.76	23.92	24.14	24.43	24.79	25.23	25.75	26.36	27.07	27.90	28.86	29.96	31.23	32.70	34.41	36.41	38.75	41.53	44.87	48.91	53.91	60.22	68.38	79.35	94.78		
																											100.00		

NOTE:

- 1) MULLION CHART APPLIES TO 6-9/16" LVL MULLION ASSEMBLIES WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
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- 5) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT SIDELIGHT SHALL BE UNDER SEPARATE APPROVAL
- 6) TRIBUTARY WIDTH = W = (A+B)/2
- 7) REFER TO DETAILS N/6 AND O/6 FOR PROPER INSTALLATION OF MULLION TO THE ROUGH OPENING.



ELEVATION A



ELEVATION B



ANDERSEN
WINDOWS & DOORS

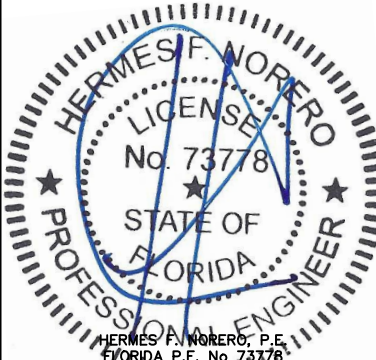
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

TITLE:
KML/AW ARCHITECTURAL ALUMINUM CLAD
OUTSWING PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
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REMARKS	BY	DATE
4TH FBC CODE CHANGE	MS	10.18.12
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FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL24175
DATE:	08.15.17
DWG. BY:	CHK. BY:
HR	HFN
SCALE:	NTS
DWG. #:	AWD151
SHEET:	8

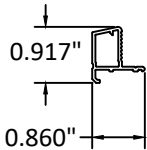
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ITEM	DESCRIPTION	PROFILE, PART NO., OR DWG NO.
1	WEEP VENTS	SK2782
2	OUTSWING DOOR THRESHOLD FIXED	PF2222
3	FIXED OUTSWING PATIO DOOR SLAB TO SILL CLIP	PF2248
4	DOOR SLAB EXTENDER CLADDING	PF2226
5	WOOD SLAB EXTENDER	PF2227
6	7 1/2" BOTTOM RAIL CLADDING	PF2105
7	ALUMINUM EXTERIOR GLASS STOP - LINEAL	PF1458
8	ALUMINUM EXTERIOR GLASS STOP - CURVED	PF1017
9	OUTSWING THRESHOLD 1 3/4" WEATHERSEAL COVER	PF2096
10	OUTSWING THRESHOLD 1 3/4" VINYL INSERT	PF2183
11	AKT DRYWALL RETURNSILL TRIM STOP - LINEAL	PF2008
12	#6 X 5/8" P.H., P.D., S.S., SMS SCREW	P/N 1449
13	7 1/2" CLAD PATIO/FOLDING DOOR BOTTOM RAIL	PF2229
14	4" LAG BOLT FASTENER AND WASHER	
15	GLAZING CAVITY WOOD FILLER BLOCK - LINEAL	PF12222
16	5/8" WOOD INTERIOR GLASS STOP - LINEAL	PF1755
17	3 7/8" TOP RAIL CLADDING PAN	PF2106
18	CLAD TOPR RAIL PANEL CAP	PF2122
19	RAINSKIRT	PF1026
20	OUTSWING FRAME CLADDING - LINEAL	PF2191
21	FOLDABLE NAILING FLANGE - LINEAL	PF2079
22	3 7/8" CLAD DOOR TOP RAIL - LINEAL	PF2231
23	PATIO DOOR HEAD FRAME MEMBER - LINEAL	PF2197
24	#8 X 2 1/2" F.H., S.Q., WOOD SCREW	P/N 257
25	JAMB INSTALLATION CLIP	P/N 112736
26	FRAME CLADDING CORNER GASKET	
27	3 7/8" STILE CLADDING	PF2236
28	JAMB FRAME MEMBER - LINEAL	PF2197
29	3/8" X 3/4" LAG BOLT	
30	3 7/8" CLAD DOOR STILE	PF2233
31	FIXED OUTSWING ASTRAGAL TONGUE CLADDING	PF2356
32	FIXED OUTSWING ASTRAGAL TONGUE FOR 1 3/4" SLAB	PF2357
33	#10 X 5" F.H., S.Q., WOOD SCREW	P/N 105869
34	FIXED OUTSWING PATIO DOOR ASTRAGAL CAP	PF2255
35	WATERSHED	PF2190
36	PATIO DOOR 3 7/8" TOP RAIL CLADDING - CNC ARCHTOP	PF2192
37	PATIO DOOR TOP RAIL PANEL CAP - CURVED	PF2122
38	5/8" WOOD INTERIOR GLASS STOP - CURVED	PF1755
39	3 7/8" CLAD PATIO DOOR TOP RAIL - CNC ARCHTOP	PF2219
40	PATIO DOOR 3 7/8" TOP RAIL CLADDING - SPRINGLINE	PF2192
41	3 7/8" CLAD PATIO DOOR TOP RAIL - SPRINGLINE	PF2246
42	BRASS EYELET FOR ACTIVE/INACTIVE DOORS	PN-2228
43	OUTSWING DOOR THRESHOLD OPERABLE	PF2189
44	THRESHOLD INTERIOR TRIM	PF1295
45	OUTSWING 1 3/4" THRESHOLD CAP	PF2096
46	THRESHOLD DRAIN COVER	SK2783
47	THRESHOLD WEATHERSEAL	PF2156
48	FRAME WEATHERSEAL	PF2141
49	INTERIOR WEATHERSEAL ADAPTOR - LINEAL	PF2201
50	FRAME CLADDING - CURVED	PF2200
51	BENDABLE NAILING FLANGE - CURVED	PF2080
52	INTERIOR WEATHERSEAL ADAPTOR - CURVED	PF2201
53	HEAD FRAME MEMBER - CURVED	PF2056
54	HINGE SIDE FRAME MEMBER - LINEAL	PF2197
55	PATIO DOOR BUTT HINGE	SK2757

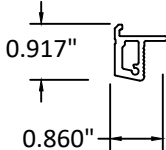
56	OUTSWING ASTRAGAL TONGUE	PF2203
57	OUTSWING ASTRAGAL TONGUE CLADDING	PF2204
58	OUTSWING ASTRAGAL CAP	PF1966
59	THRESHOLD SILL STRIKE CUP & GASKET	SK2894
60	REINFORCING PLATE - SPRINGLINE DOUBLE DOORS ONLY	P/N 113529
61	HEAD STRIKE PLATE	P/N 113438
62	THRESHOLD DROP NOSE - OPTIONAL	PF2153
63	THRESHOLD DROP NOSE END CAP - LEFT HAND	P/N 113178
64	THRESHOLD DROP NOSE END CAP - RIGHT HAND	P/N 113179
69	SILL BRACKET	---
70	4-9/16" LVL MULLION	---
71	6-9/16" LVL MULLION	---
72	LVL MULLION EXTERIOR TRIM	---
73	LVL MULLION INTERIOR TRIM	---
74	12" GUSSET - 16 GA. STEEL	---
75	12" NOTCHED GUSSET - 16 GA. STEEL	---

NOTE: ALL LINEAL WOOD COMPONENTS SHALL BE PONDEROSA PINE OR EQUIVALENT. CURVED MEMBERS SHALL BE OF LVL WOOD.

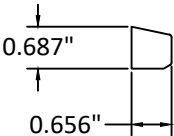
7 EXT. GLASS STOP - LINEAL
ALUMINUM 6063-T5



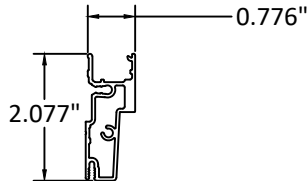
8 EXT. GLASS STOP - CURVED
ALUMINUM 6063-T5



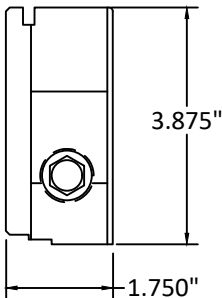
16 5/8" GLASS STOP - LINEAL
WOOD



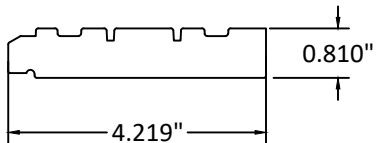
20 FRAME CLADDING - LINEAL
ALUMINUM 6063-T5



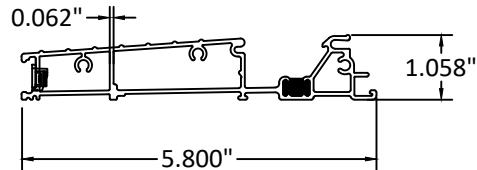
22 3 7/8" CLAD TOP RAIL
WOOD



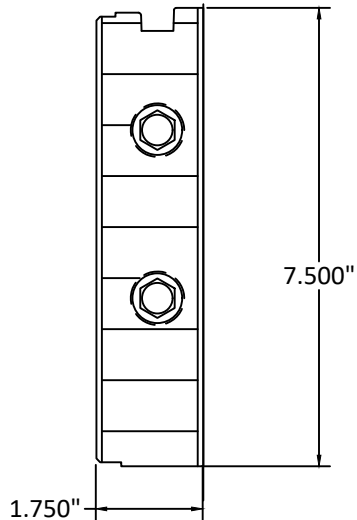
23 HEAD FRAME MEMBER - LINEAL
WOOD



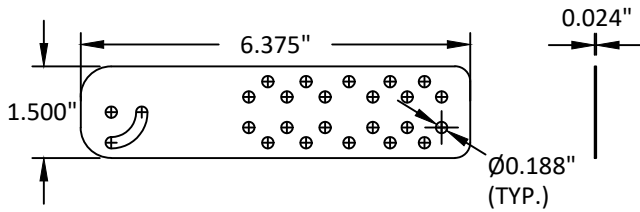
2 43 OS DOOR THRESHOLD FIXED/OPERABLE
ALUMINUM 6063-T5



13 7 1/2" PATIO DOOR BOTTOM RAIL
WOOD



25 INSTALLATION CLIPS
304 SS



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

TITLE:
KML/AW ARCHITECTURAL ALUMINUM CLAD
OUTSWING PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)

COMPONENTS & BILL OF MATERIALS

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
4TH FBC CODE CHANGE	MS	10.18.12
5TH FBC CODE CHANGE	SM	4.22.15
6TH FBC CODE CHANGE	HR	8.15.17
7TH FBC CODE CHANGE	SR	3.27.20

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HERMES F. MORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL24175

DATE: **08.15.17**

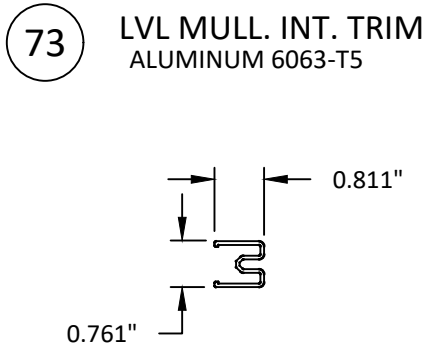
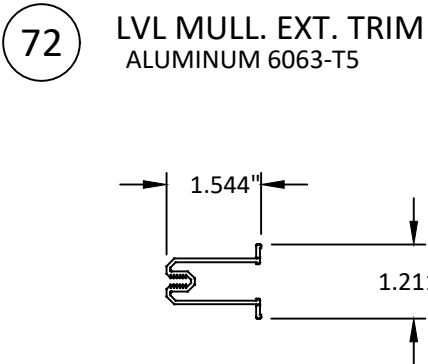
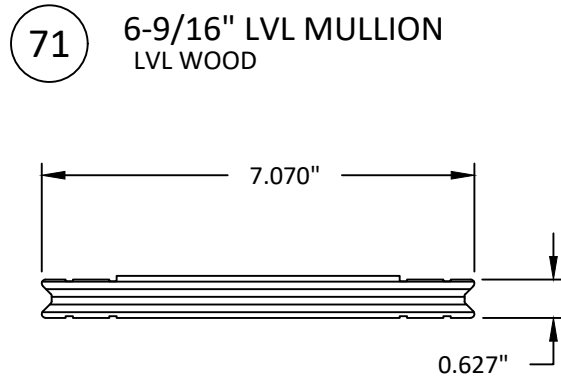
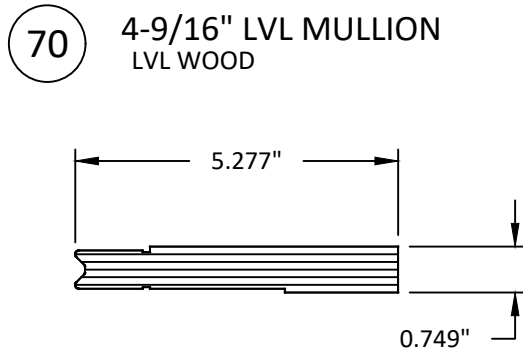
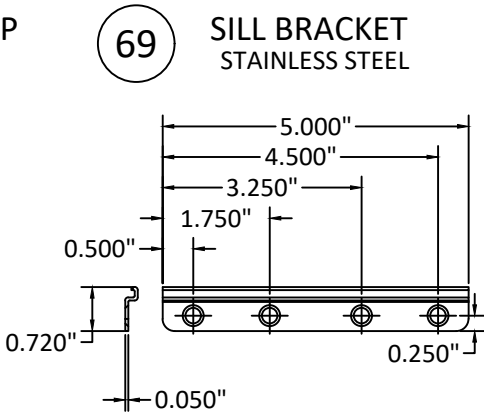
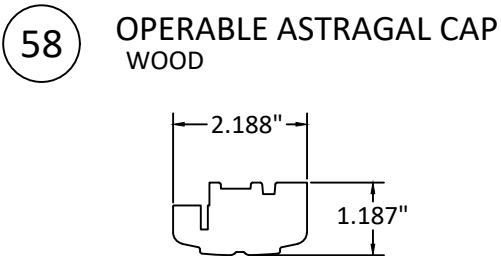
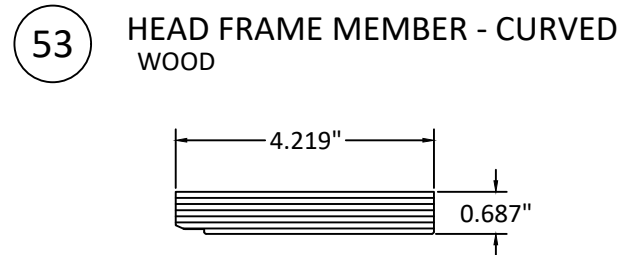
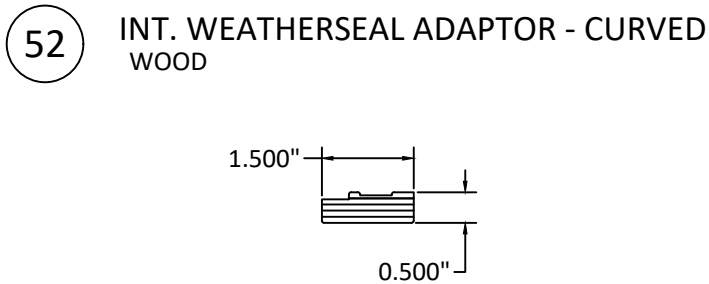
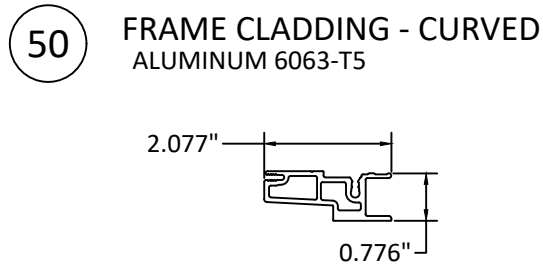
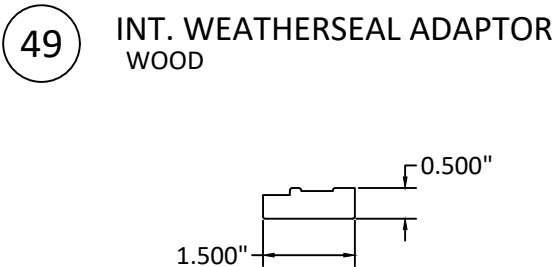
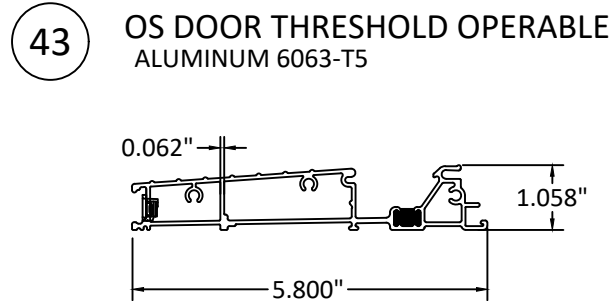
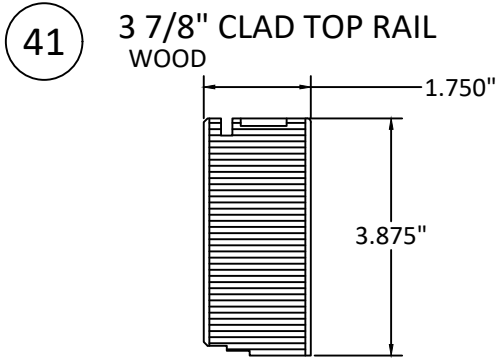
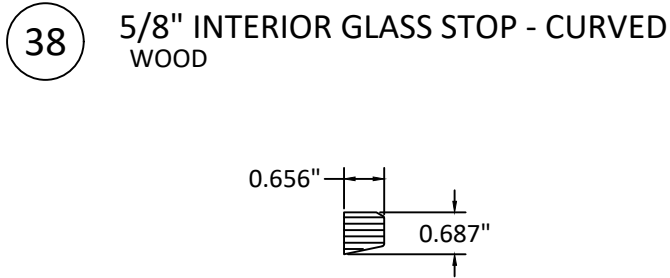
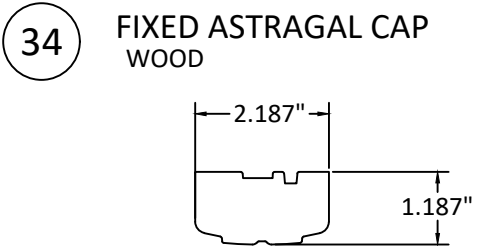
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SCALE: **NTS**

DWG. #: **AWD151**

SHEET:
9
OF 11

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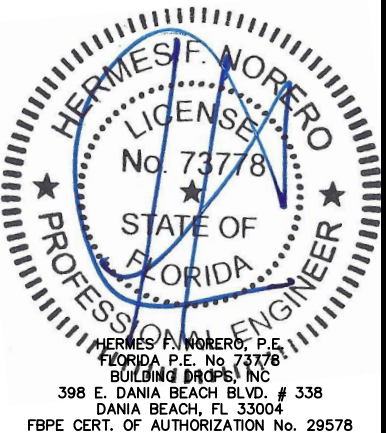


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