

ANDERSEN CORPORATION

*400 SERIES SPECIALTY WINDOW - FLEXIFRAME,
ARCH FLEXIFRAME AND SPRINGLINE
(NON-HVHZ)(NON-IMPACT)*

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. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. NAILING FLANGE: FOR INSTALLATION INTO 2X WOOD FRAME USE ONE (1) #8 WOOD SCREW OR 8D ROOFING NAIL OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. NAILING FLANGE: FOR INSTALLATION THROUGH METAL STRUCTURE ONE (1) #8 SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL STRUCTURE.
7. INSTALLATION CLIP: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE ONE (1) 3/16 INCH ITW TAPCON PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
8. INSTALLATION CLIP: FOR INSTALLATION INTO 2X BUCK USE TWO (2) #8 OR ONE (1) #10 WOOD SCREWS PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
9. INSTALLATION CLIP: FOR INSTALLATION THROUGH METAL STRUCTURE USE TWO (2) #8 SELF-TAPPING SCREWS PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL STRUCTURE.
10. FASTENER THROUGH FRAME: FOR INSTALLATION INTO 2X BUCK USE ONE (1) #10 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
11. FASTENER THROUGH FRAME: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE ONE (1) 3/16 INCH ITW TAPCON OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
12. FASTENER THROUGH FRAME: FOR INSTALLATION THROUGH METAL STRUCTURE USE ONE (1) #10 SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL STRUCTURE.
13. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
14. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
15. 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.
16. 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.
17. 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. ALUMINUM - ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

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/A440-17
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. WINDOW FRAME MATERIAL: PONDEROSA PINE (MIN. S.G. = 0.40)/ VINYL
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 8 FOR GLAZING DETAIL.
8. *DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:*
X: OPERABLE PANEL
O: FIXED PANEL

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9	ONE-WAY WOOD MULL TABLE
10	TWO-WAY WOOD MULL TABLE

DESIGN PRESSURE RATING		
INSTALLATION	DESIGN PRESSURE	MISSILE IMPACT RATING
INSTALLATION CLIP	+70.0 / -70.0 PSF	NON-IMPACT
FASTENER THROUGH FRAME	+70.0 / -70.0 PSF	NON-IMPACT
NAILING FLANGE INSTALLATION*	+50.0 / -50.0 PSF	NON-IMPACT

*FOR NAILING FLANGE INSTALLATION METHOD, MAX. UNITS UP TO 30 SQ. FT.



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

TITLE: 400 SERIES SPECIALTY WINDOW -
FLEXIFRAME, ARCH FLEXIFRAME
AND SPRINGLINE
(NON-HVHZ)(NON-IMPACT)

GENERAL & INSTALLATION NOTES

BUILDING DROPS, INC.

ANIA BEACH BLVD., STE. 338

DANIA BEACH, FL 33004
 911- (054) 300 8478

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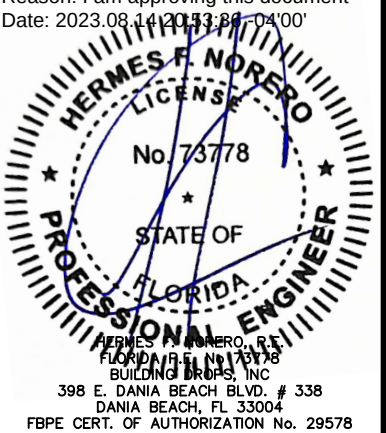
PREPARED BY:



REMARKS	BY	DATE
5TH FBC CODE CHANGE	SM	4.14.15
6TH FBC CODE CHANGE	CL	8.15.17
7TH FBC CODE CHANGE	SR	3.20.20
8TH FBC CODE CHANGE	SH	5.25.23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 20:53:36 -04'00'



FL #: FL15905

DATE: 08.15.17

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

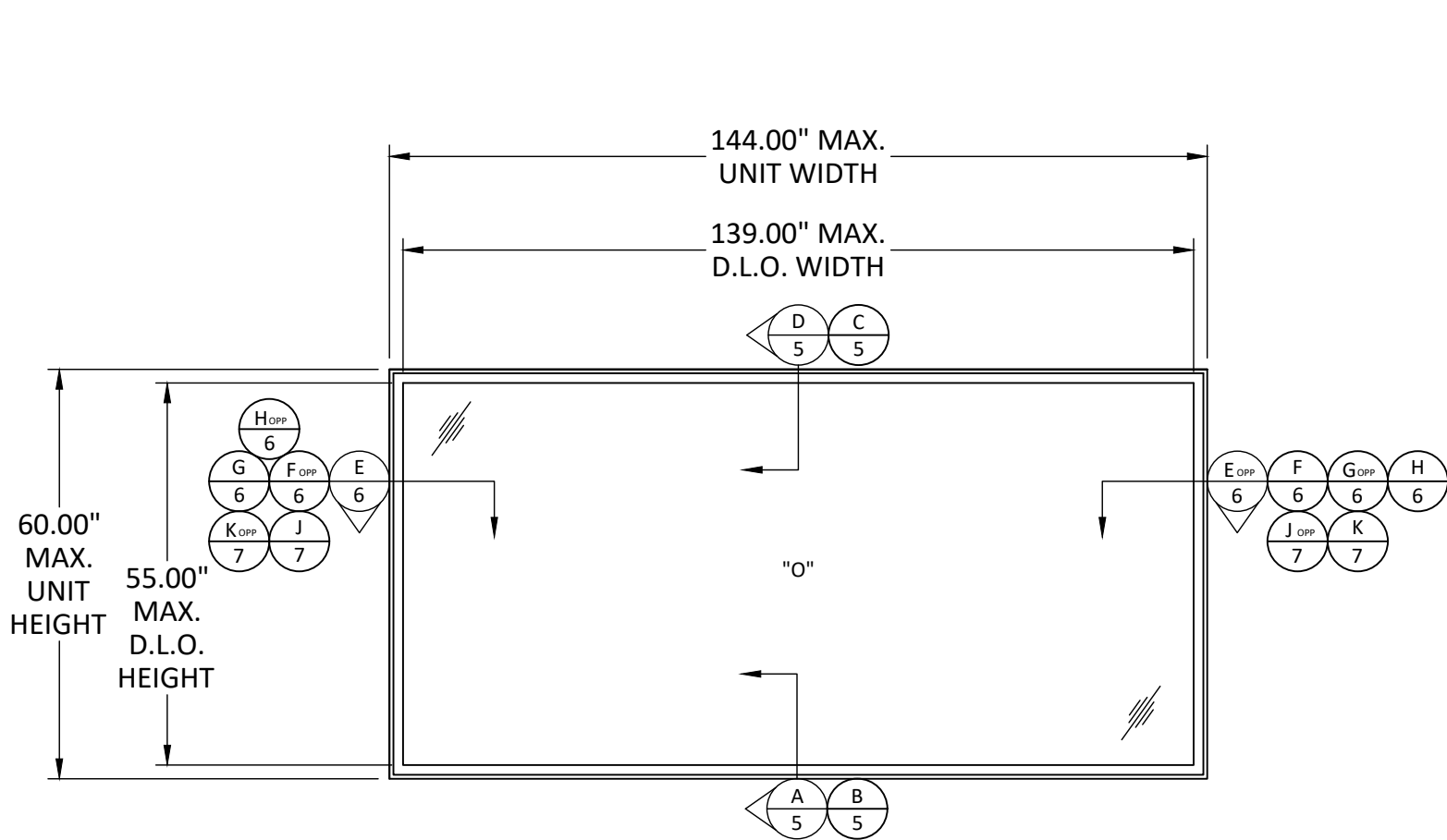
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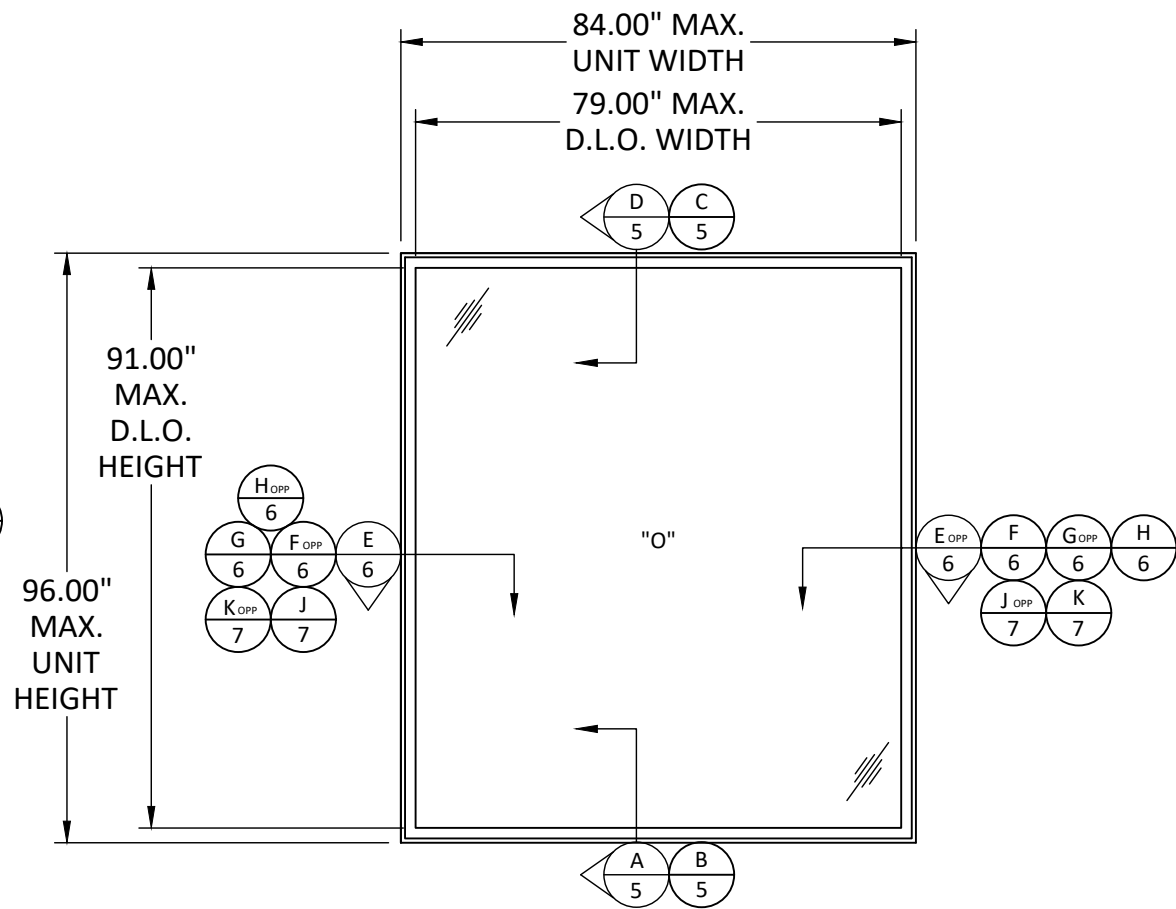
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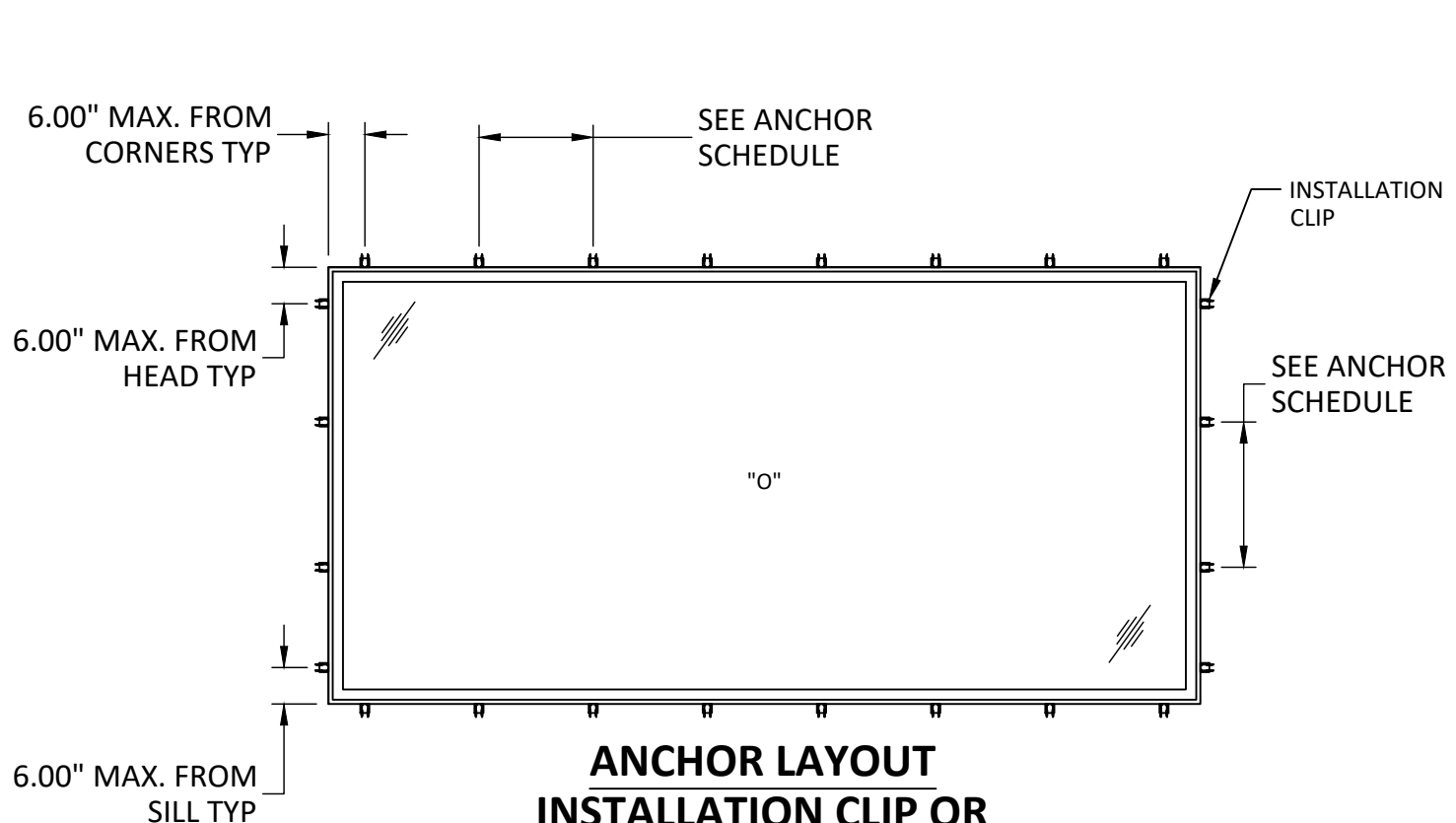
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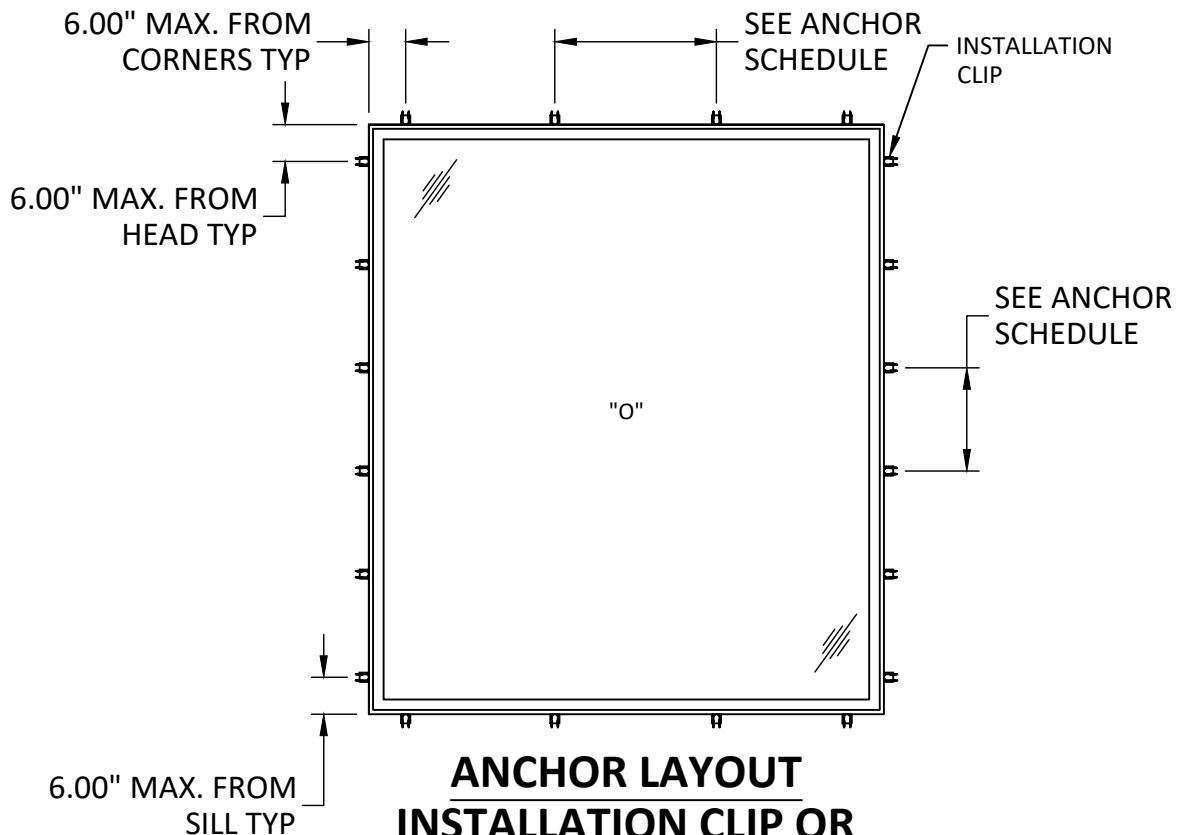
ELEVATION



ELEVATION



ANCHOR LAYOUT
INSTALLATION CLIP OR
FASTENER THROUGH FRAME



ANCHOR LAYOUT
INSTALLATION CLIP OR
FASTENER THROUGH FRAME

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ELEVATIONS & ANCHOR LAYOUTS (1)

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

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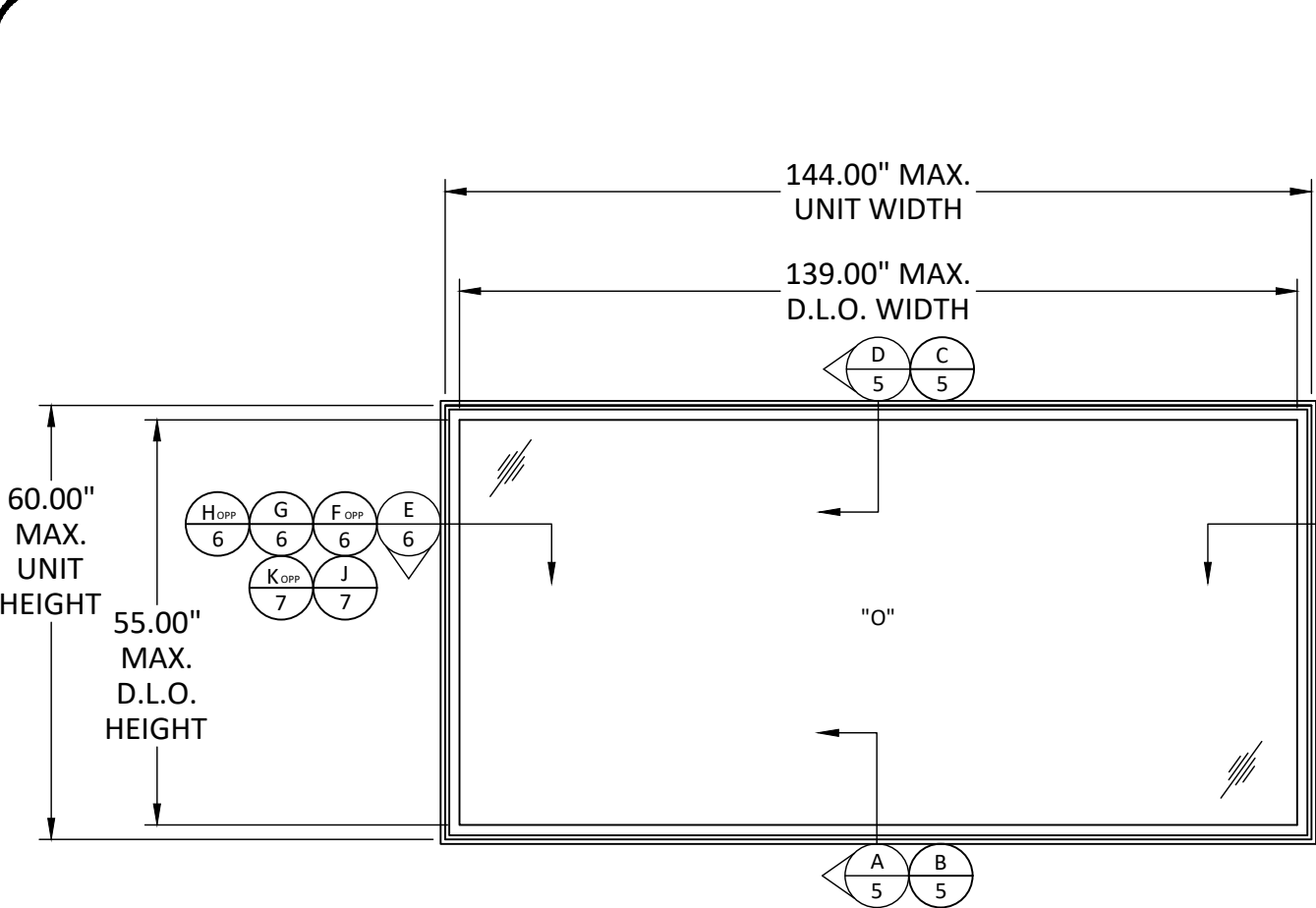
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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

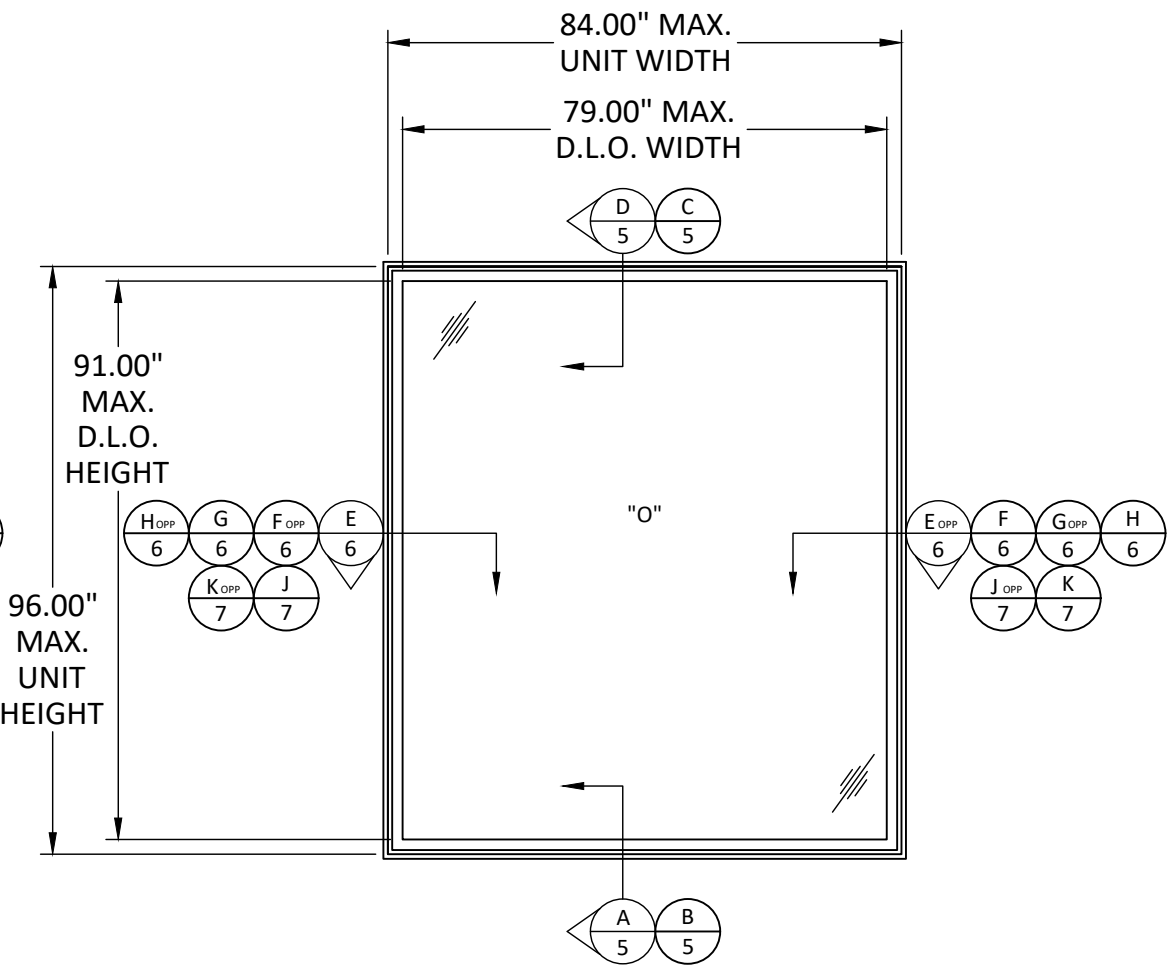
HERMES F. NORERO, P.E.
FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL15905
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DWG. BY:	CL
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD139
SHEET:	2

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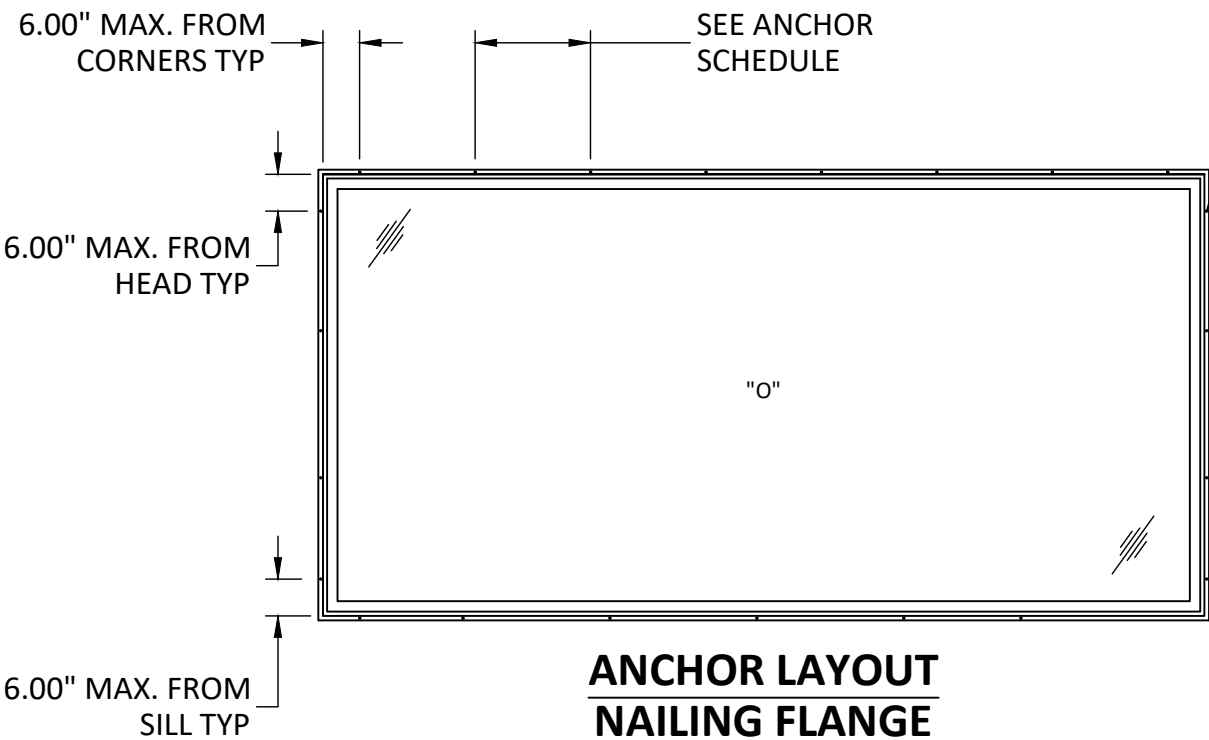


ELEVATION

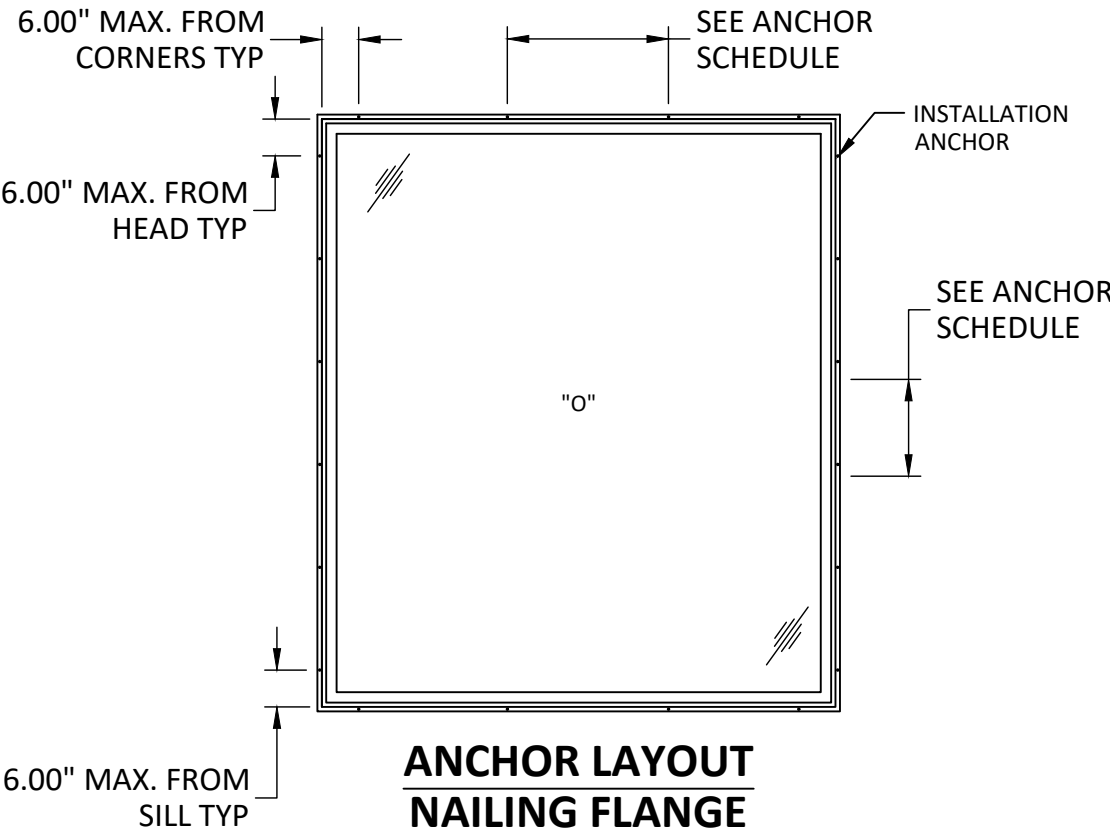


ELEVATION

NOTE: FOR NAILING FLANGE
INSTALLATION METHOD,
MAX. UNITS UP TO 30 SQ. FT.



ANCHOR LAYOUT
NAILING FLANGE



ANCHOR LAYOUT
NAILING FLANGE

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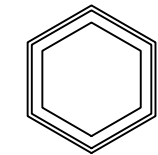
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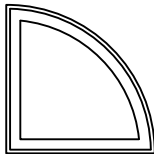
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ANCHOR SCHEDULE								
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)	SHORT LEG MAX. O.C. DISTANCE (IN.)	LONG LEG MAX. O.C. DISTANCE (IN.)	CORNER DISTANCE (IN.)
CLIP	2	WOOD	#8 WOOD ANCHOR	1.50	0.75	22.00	21.00	6.00
CLIP	1	WOOD	#10 WOOD ANCHOR	1.50	0.75	14.50	14.00	6.00
CLIP	1	CONCRETE/MASONRY	3/16" ITW TAPCON	1.25	2.50	16.50	16.50	6.00
CLIP	2	METAL STUD	#8 SELF-TAPPING SCREW	3 THREADS	0.50	24.00	24.00	6.00
THRU FRAME	1	WOOD	#10 WOOD ANCHOR	1.50	0.75	16.50	16.50	6.00
THRU FRAME	1	CONCRETE/MASONRY	3/16" ITW TAPCON	1.25	2.50	16.50	16.50	6.00
THRU FRAME	1	METAL STUD	#10 SELF-TAPPING SCREW	3 THREADS	0.50	16.50	16.50	6.00
NAILING FIN	1	WOOD	#8 WOOD ANCHOR	1.50	0.50	8.00	8.00	6.00
NAILING FIN	1	WOOD	8D ROOFING NAIL	1.50	0.50	8.00	8.00	6.00
NAILING FIN	1	METAL STUD	#8 SELF-TAPPING SCREW	3 THREADS	0.50	8.00	8.00	6.00

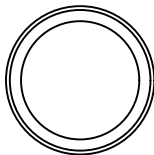
- NOTES:
- NAILING FLANGE UNITS LIMITED TO DESIGN PRESSURE OF +/- 50 PSF
 - FOR NAILING FLANGE INSTALLATION METHOD, MAX. UNITS UP TO 30 SQ. FT.
 - OVERALL WIDTH AND HEIGHT DIMENSIONS OF SHAPES SHOWN BELOW SHALL BE WITHIN AND CIRCUMSRIBED BY MAX. OVERALL DIMENSIONS SHOWN ON SHEETS 2 & 3.
 - CURVED OR ANGLED SIDES SHALL UTILIZE THE LESSER MAX. O.C. ANCHOR SPACING BETWEEN HEAD/SILL AND JAMB SPACING AS SPECIFIED IN THE ANCHOR SCHEDULE TABLE AT LEFT



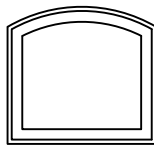
EQUILATERAL
HEXAGON



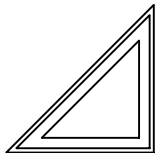
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ROUND



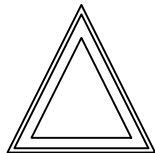
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CIRCLE



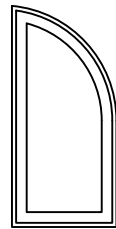
ARCH



RIGHT
TRIANGLE



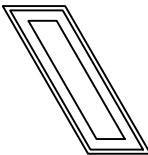
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TRIANGLE



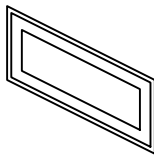
FLANKER



SPRINGLINE



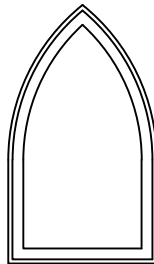
HORIZONTAL
PARALLELOGRAM



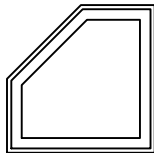
VERTICAL
PARALLELOGRAM



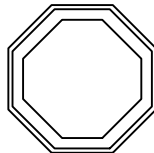
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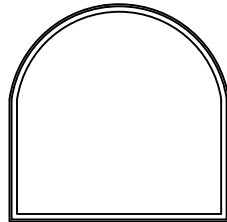
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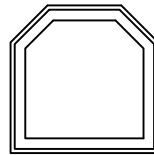
ANGLED
PENTAGON



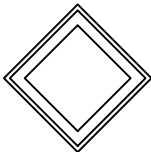
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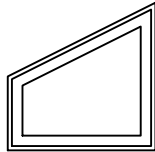
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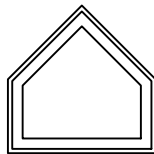
HEXAGON



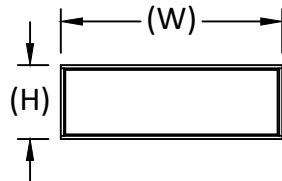
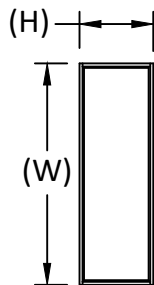
DIAMOND



TRAPEZOID



PEAKED
PENTAGON



NOTE:
WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN. NOT TO EXCEED TESTED SQ. FT. AREA AND LONG LEG & SHORT LEG DIMENSIONS, AS SHOWN IN ELEVATIONS.



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SHAPES & ANCHOR SCHEDULE

PREPARED BY:

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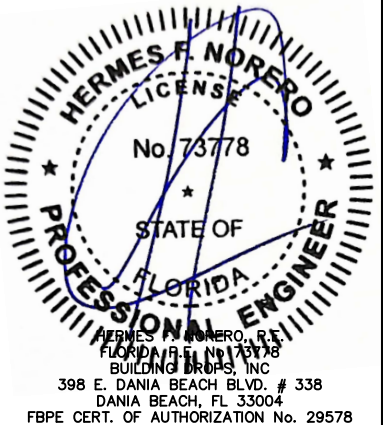
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DATE: **08.15.17**

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SCALE: **NTS**

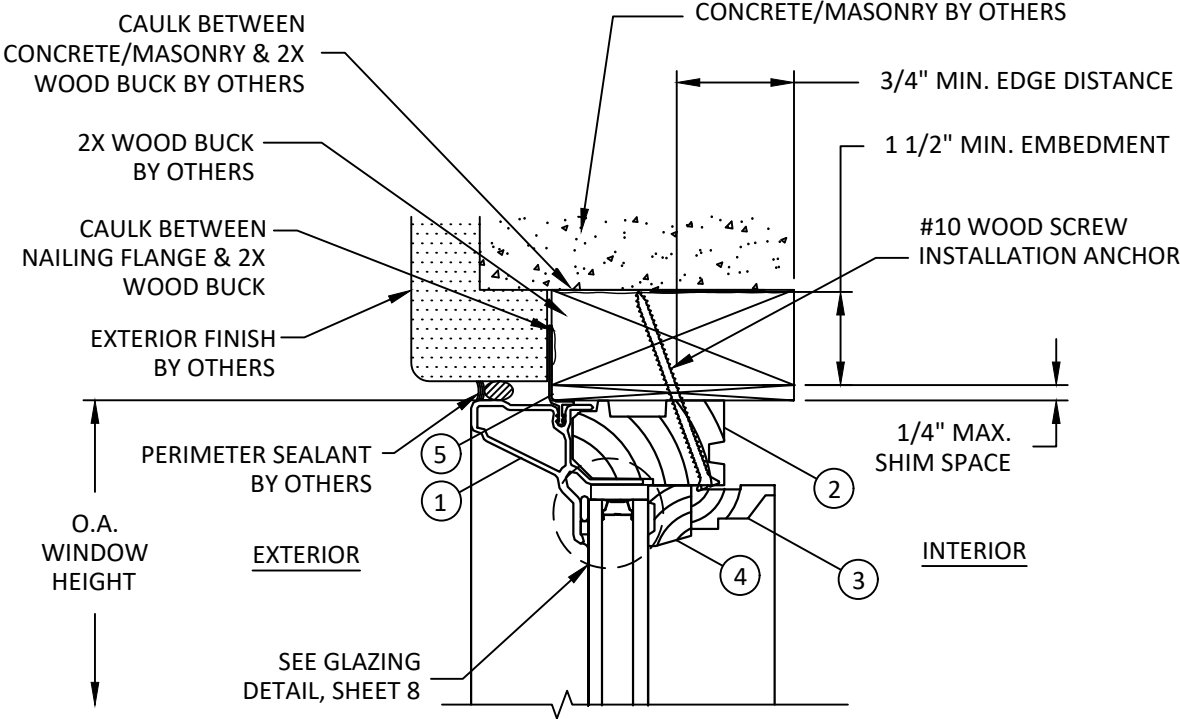
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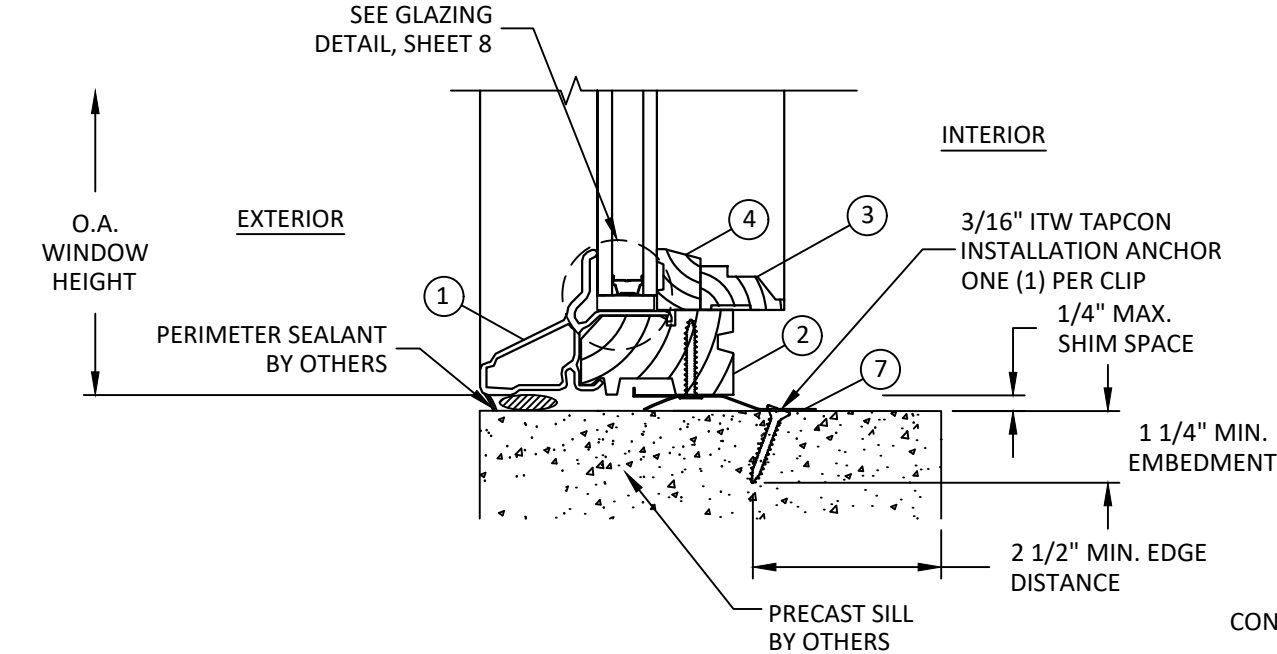
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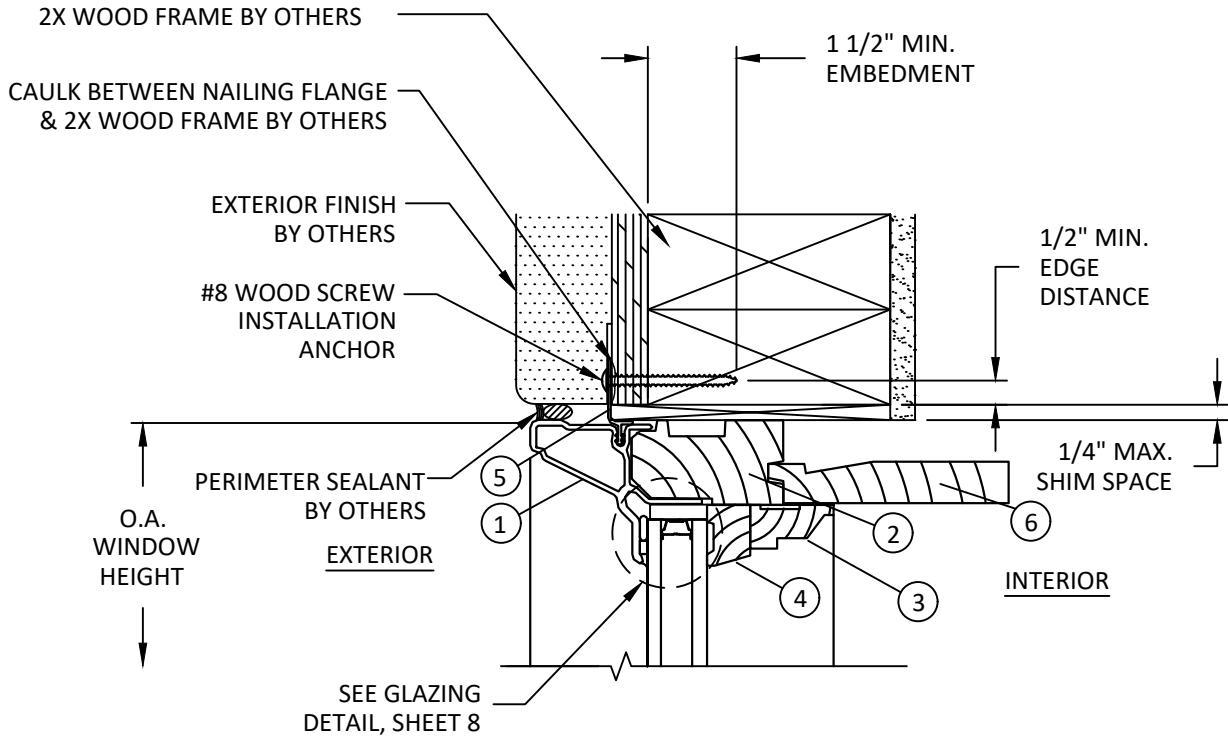


C
5
VERTICAL SECTION
HEAD - 2X WOOD FRAME
FASTENER THROUGH FRAME

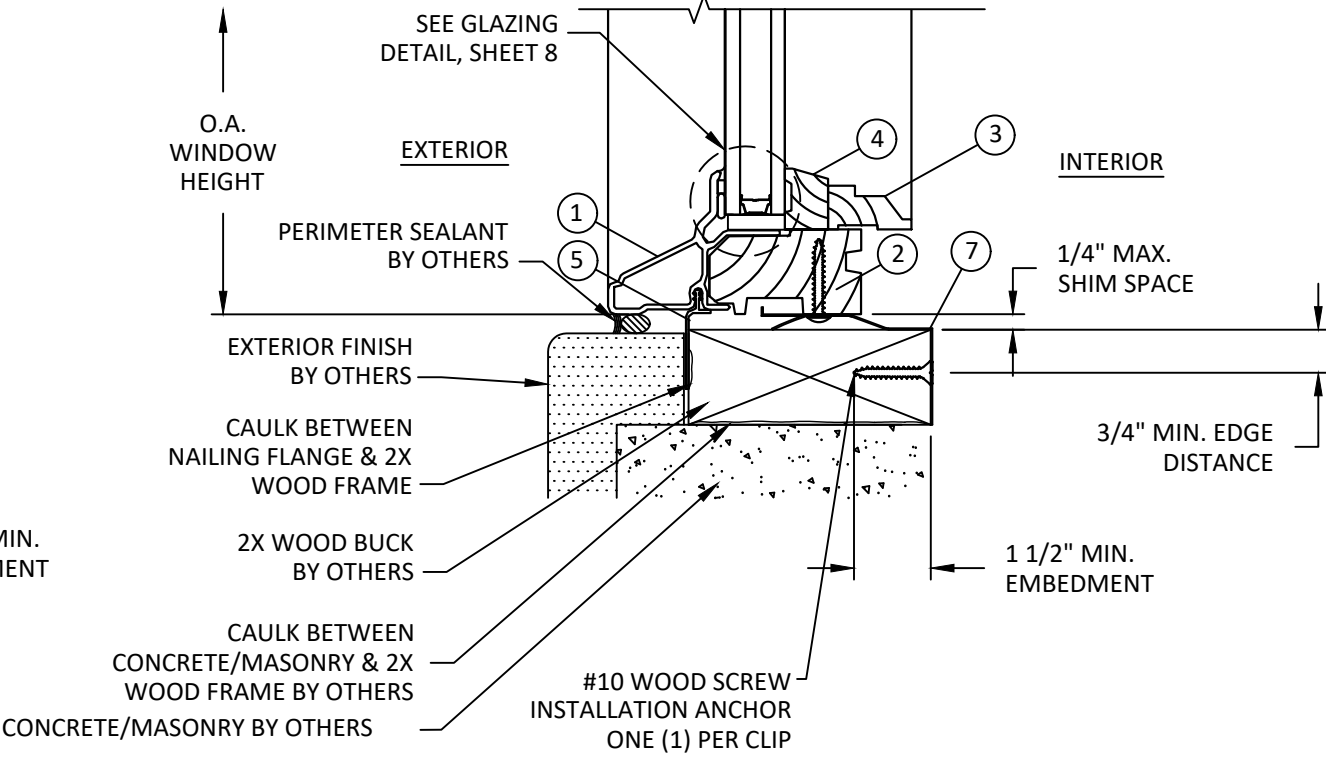


A
5
VERTICAL SECTION
SILL - PRECAST CONCRETE
INSTALLATION CLIP

NOTE: NAILING FIN USE IS REQUIRED WHEN INSTALLATION CLIP (ITEM #7) IS WRAPPED AROUND BUCK AS SHOWN IN DETAILS B/5.



D
5
VERTICAL SECTION
HEAD - 2X WOOD FRAME
NAILING FLANGE



B
5
VERTICAL SECTION
SILL - 2X WOOD FRAME
INSTALLATION CLIP



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

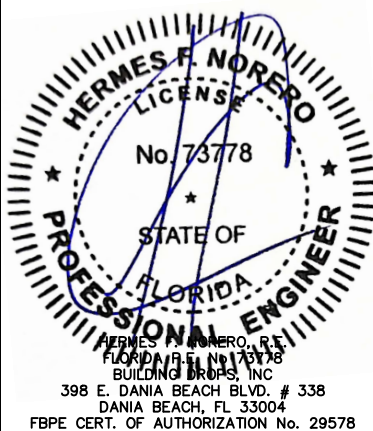
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: 400 SERIES SPECIALTY WINDOW -
FLEXIFRAME, ARCH FLEXIFRAME
AND SPRINGLINE
(NON-HVHZ)/(NON-IMPACT)
VERTICAL SECTIONS

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
5TH FBC CODE CHANGE	SM	4.14.15
6TH FBC CODE CHANGE	CL	8.15.17
7TH FBC CODE CHANGE	SR	3.20.20
8TH FBC CODE CHANGE	SH	5.25.23

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FL #:
FL15905

DATE: **08.15.17**

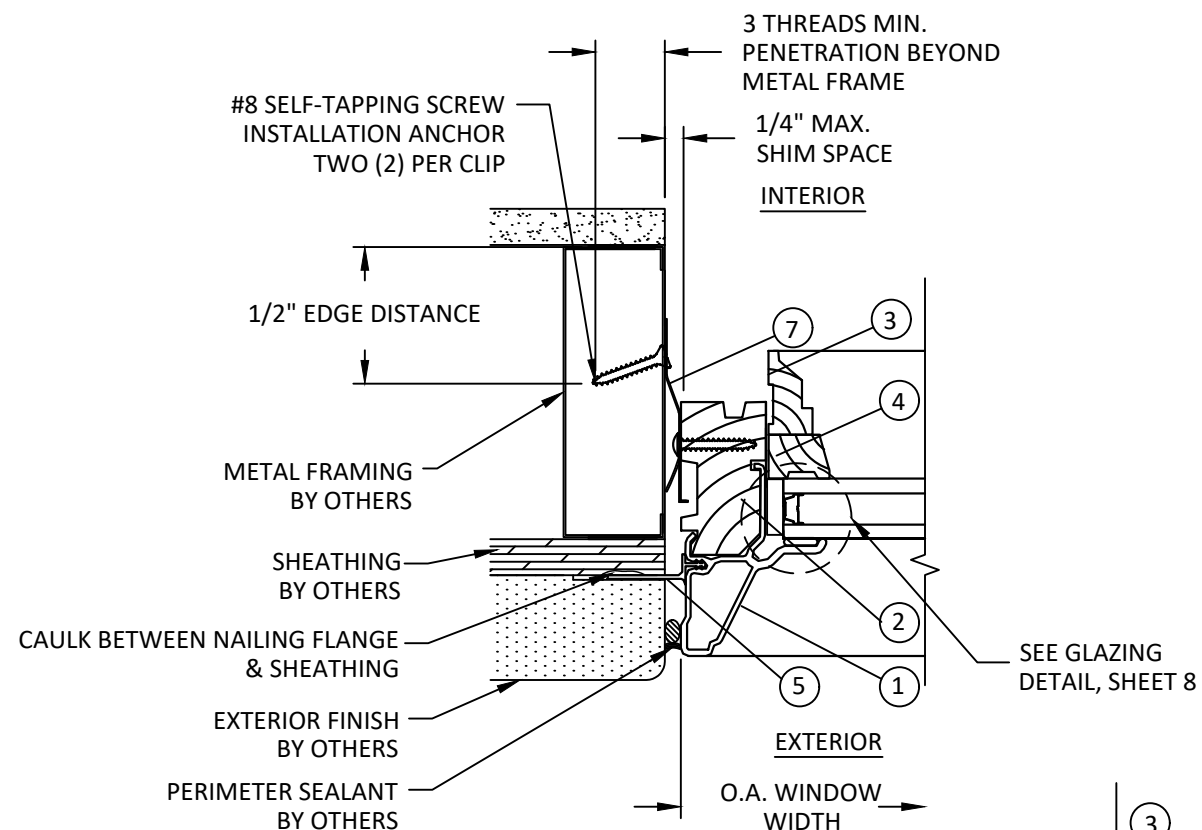
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SCALE: **NTS**

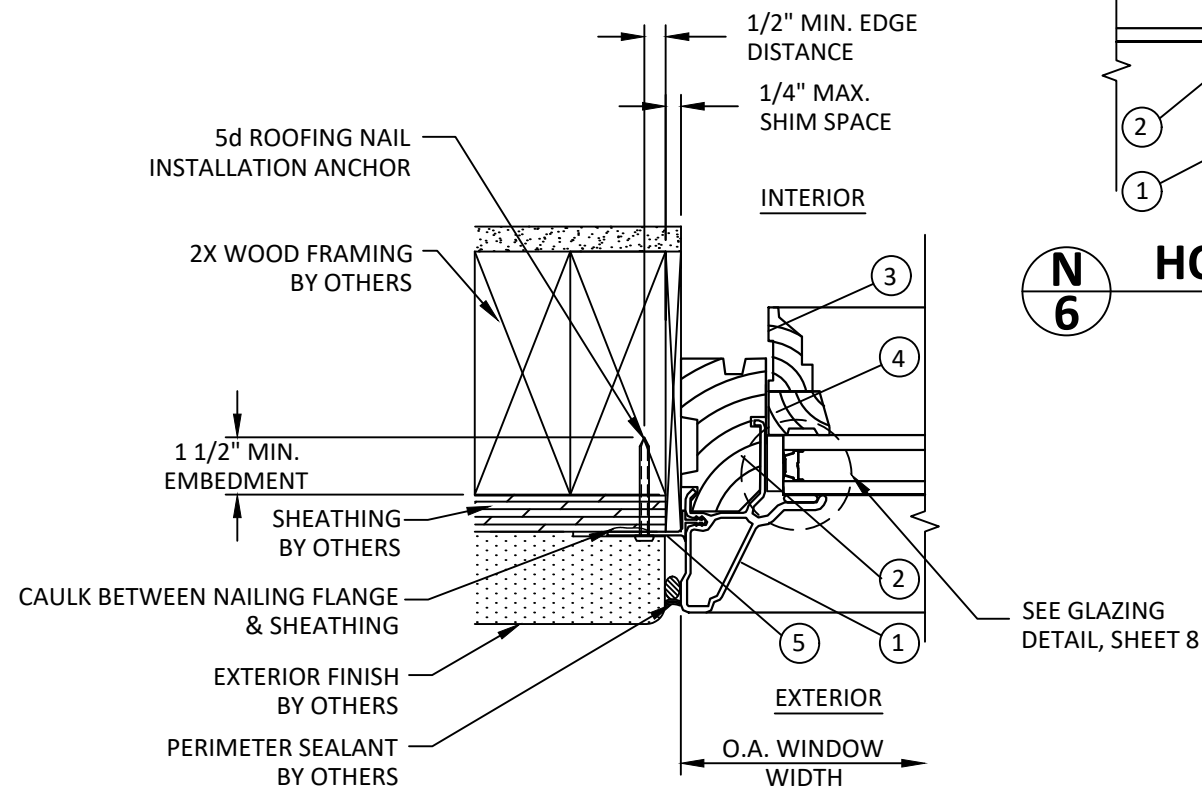
DWG. #: **AWD139**

SHEET:
5

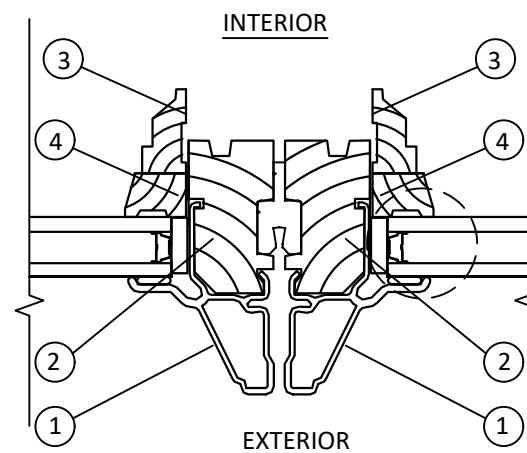
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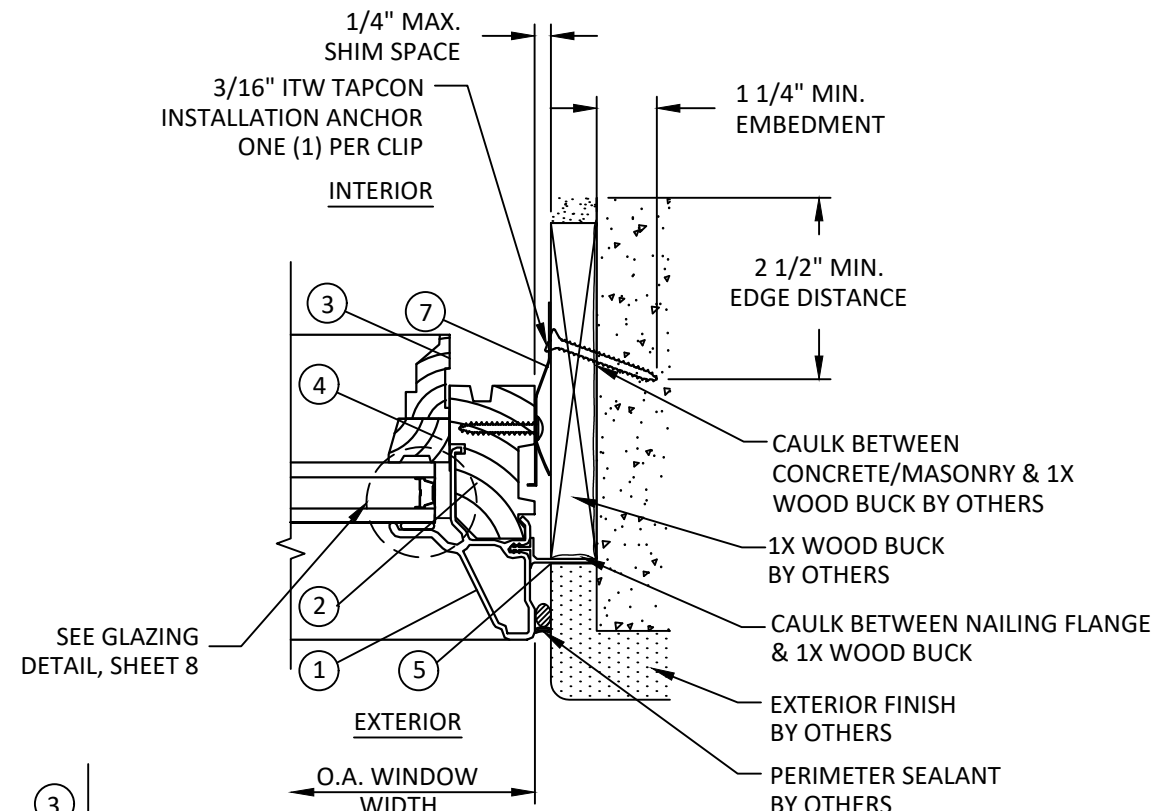
G
6 **HORIZONTAL SECTION**
JAMB - METAL FRAME
INSTALLATION CLIP



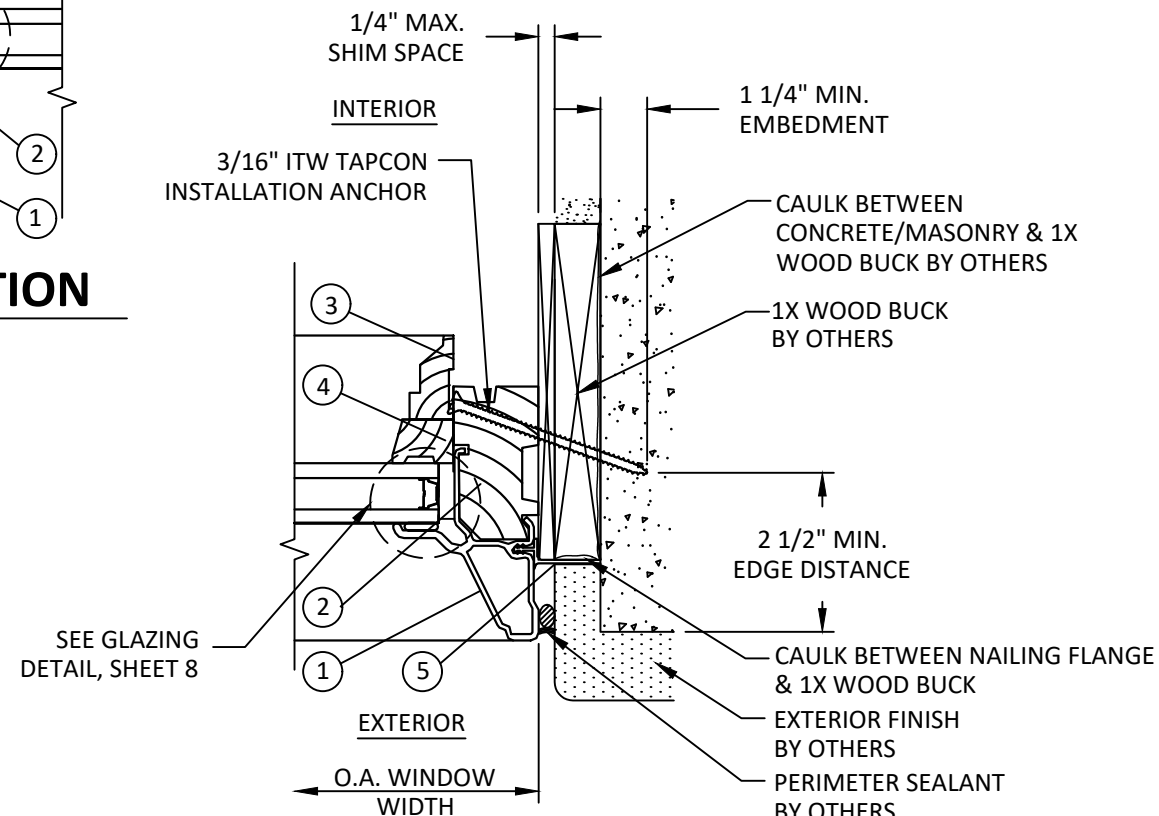
E
6 **HORIZONTAL SECTION**
JAMB - 2X WOOD FRAME
NAILING FLANGE



N
6 **HORIZONTAL SECTION**
NARROW WOOD MULL



H
6 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
INSTALLATION CLIP



F
6 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
FASTENER THROUGH FRAME



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BAYPORT, MN 55003-1096

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TITLE: 400 SERIES SPECIALTY WINDOW -
FLEXIFRAME, ARCH FLEXIFRAME
AND SPRINGLINE
(NON-HVHZ)/(NON-IMPACT)
HORIZONTAL SECTIONS (1)

PREPARED BY:

BUILDING DROPS, INC.

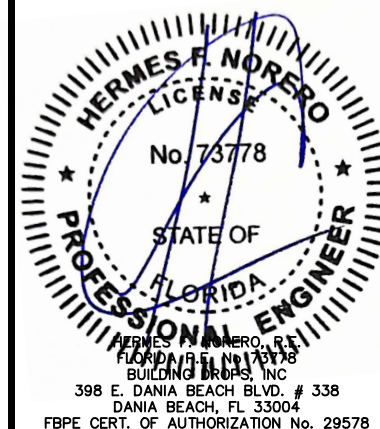
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004

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DATE: **08.15.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

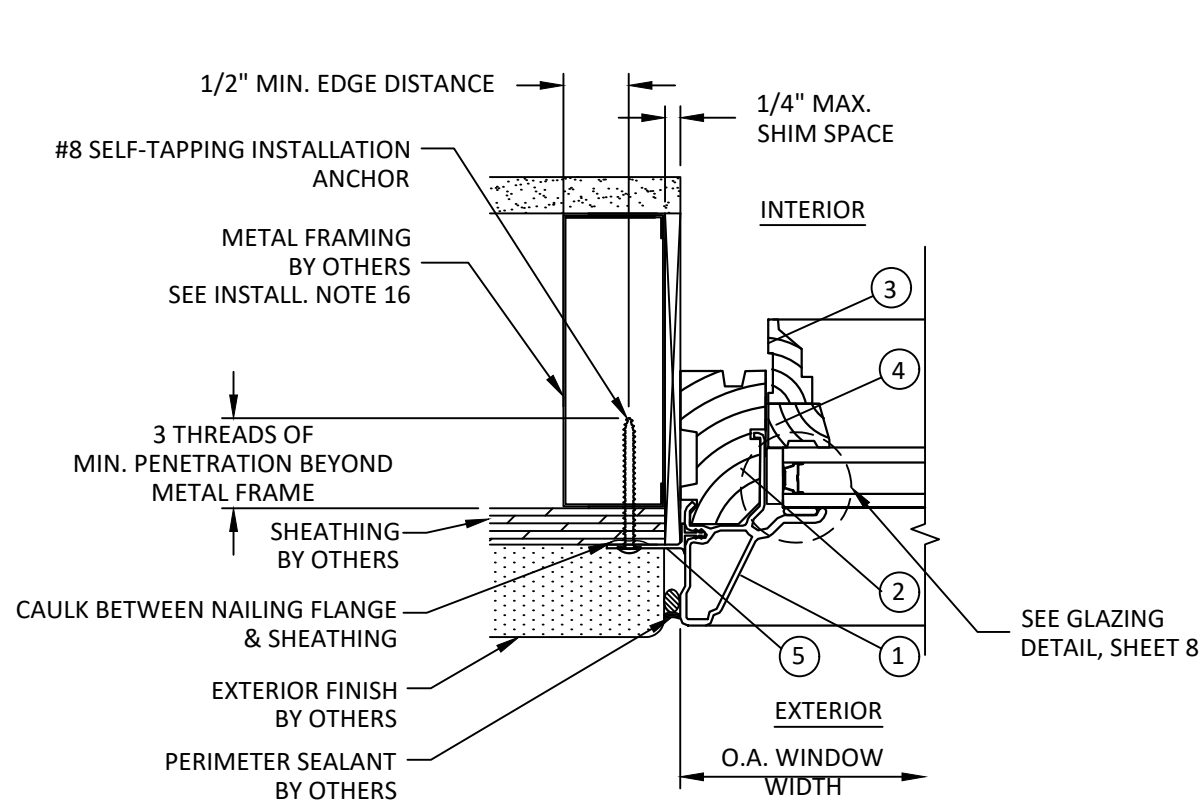
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SHEET:

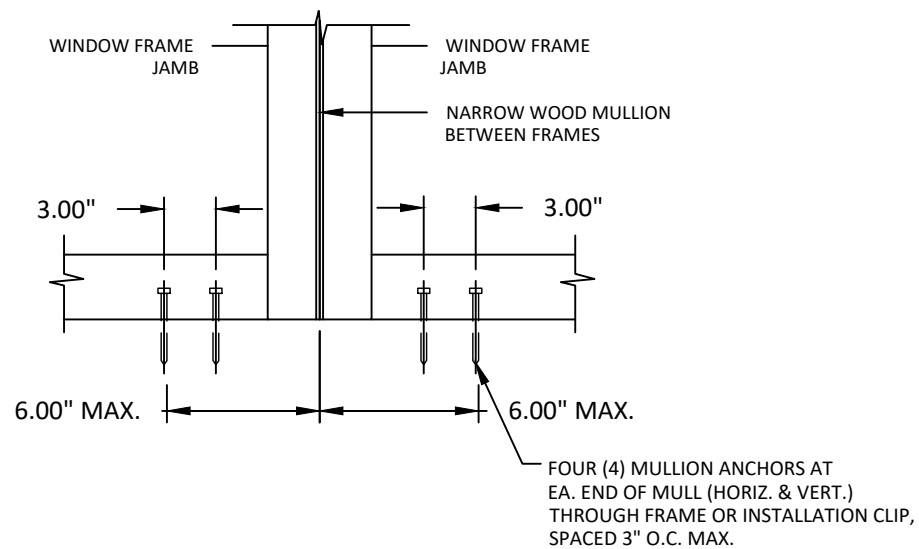
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OF 10

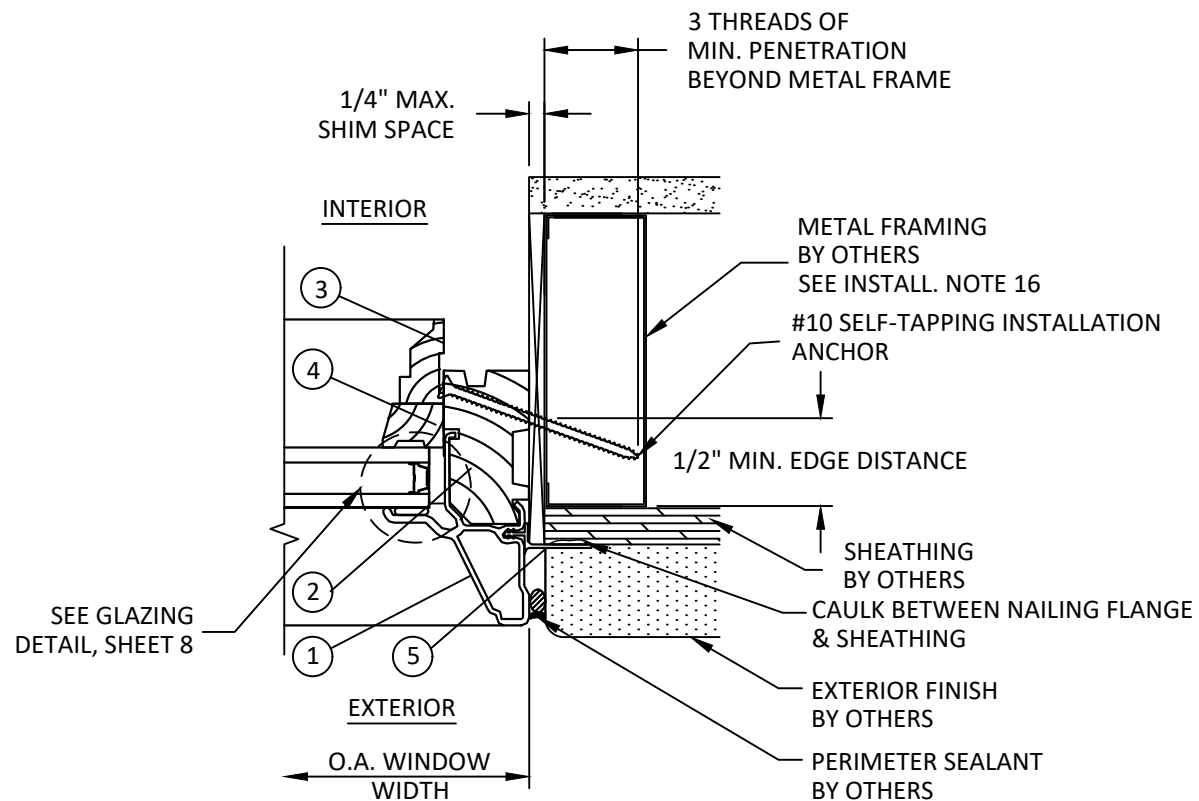
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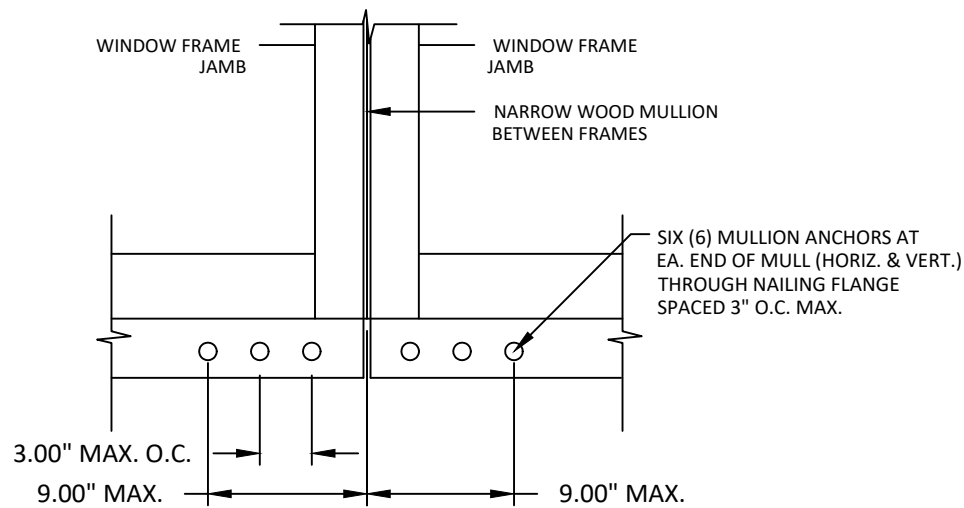
J
7 **HORIZONTAL SECTION**
JAMB - METAL FRAME
NAILING FLANGE



L
7 **FRONT VIEW**
MULLION ANCHOR DETAIL
THROUGH FRAME/INSTALLATION CLIP



K
7 **HORIZONTAL SECTION**
JAMB - METAL FRAME
FASTENER THROUGH FRAME



M
7 **FRONT VIEW**
MULLION ANCHOR DETAIL
NAILING FLANGE



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

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

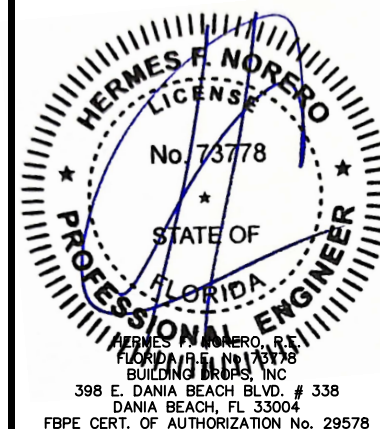
TITLE: 400 SERIES SPECIALTY WINDOW -
FLEXIFRAME, ARCH FLEXIFRAME
AND SPRINGLINE
(NON-HVHZ)/(NON-IMPACT)
HORIZONTAL SECTIONS (2)

PREPARED BY:
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398 E. DANIA BEACH BLVD., STE. 338
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DWG. BY: CL	CHK. BY: HFN
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SCALE: **NTS**

DWG. #: **AWD139**

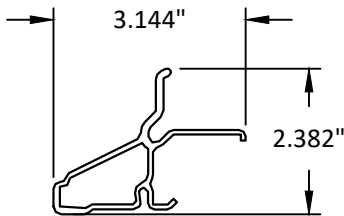
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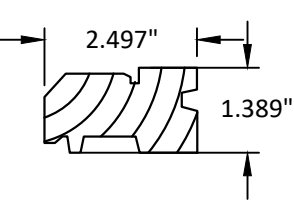
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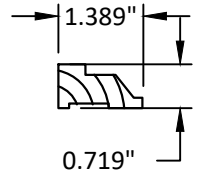
1 EXTERIOR FRAME
FIBERGLASS/ALUMINUM



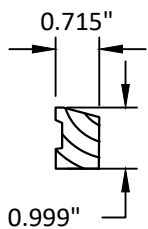
2 FRAME
WOOD



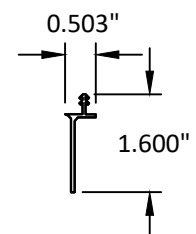
3 TRIM STOP
WOOD



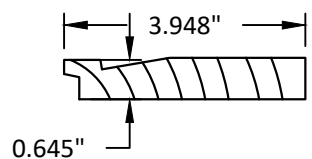
4 GLASS STOP
WOOD



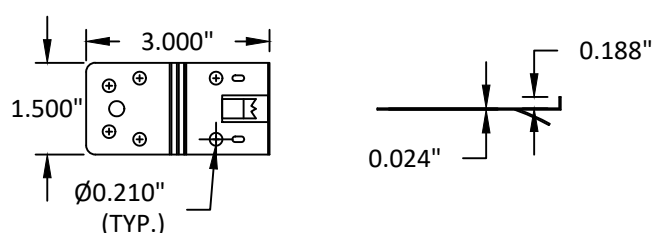
5 FLANGE
PVC



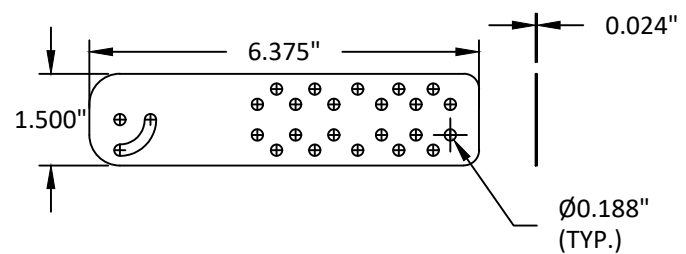
6 EXTENSION JAMB
WOOD



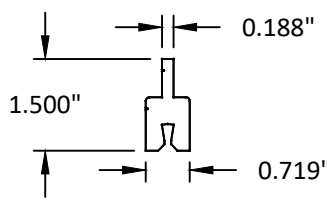
7 INSTALLATION CLIPS
304 SS



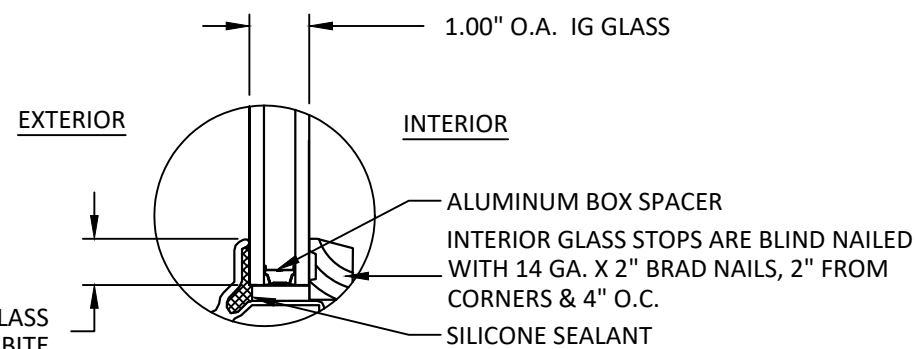
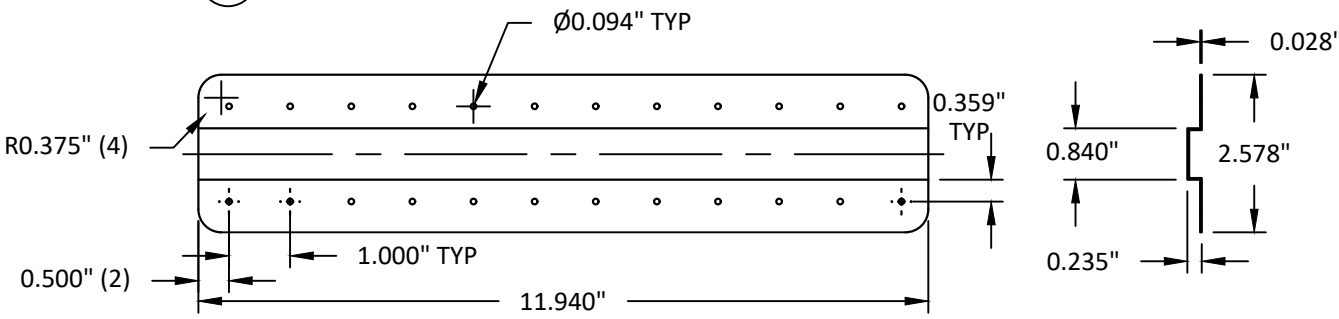
7 INSTALLATION CLIPS
304 SS



8 NARROW WOOD MULLION
WOOD



9 NARROW WOOD MULL GUSSET PLATE
GALV. STEEL



GLAZING DETAIL A

BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	EXTERIOR FRAME	FIBERGLASS/ALUMINUM	ANDERSEN CORPORATION
2	FRAME	WOOD	ANDERSEN CORPORATION
3	TRIM STOP	WOOD	ANDERSEN CORPORATION
4	GLASS STOP	WOOD	ANDERSEN CORPORATION
5	FLANGE	PVC	ANDERSEN CORPORATION
6	EXTENSION JAMB	WOOD	ANDERSEN CORPORATION
7	INSTALLATION CLIP	304 SS	ANDERSEN CORPORATION
8	NARROW WOOD MULLION	WOOD	ANDERSEN CORPORATION
9	NARROW WOOD MULL GUSSET PLATE	GALV. STEEL	ANDERSEN CORPORATION

NOTE: ALL WOOD COMPONENTS TO BE PONDEROSA PINE OR EQUIVALENT

- 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 IN GLASS CHARTS.



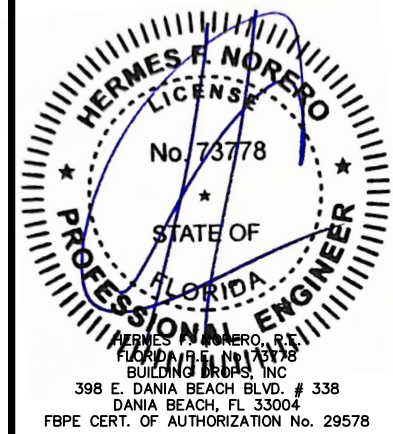
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: 400 SERIES SPECIALTY WINDOW -
FLEXIFRAME, ARCH FLEXIFRAME
AND SPRINGLINE
(NON-HVHZ)/(NON-IMPACT)
BILL OF MATERIALS, COMPONENTS,
& GLAZING DETAIL

PREPARED BY:
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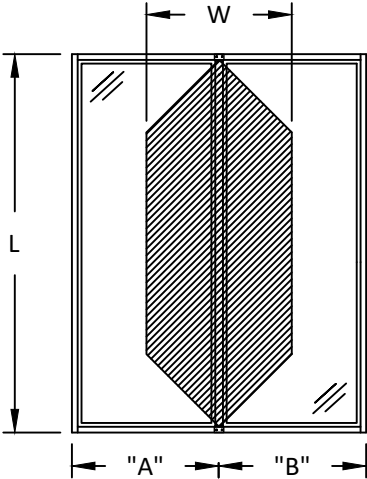


FL #:	FL15905
DATE:	08.15.17
DWG. BY:	CL
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD139
SHEET:	8

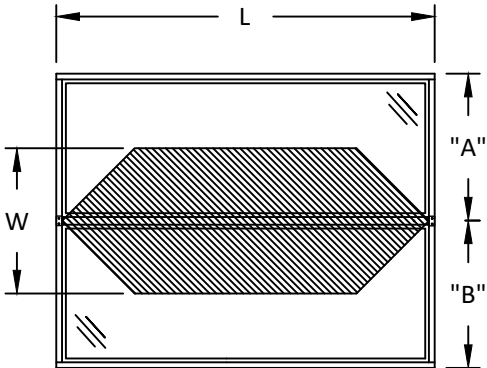
Maximum Design Pressure Capacity Chart (+/- PSF)
One-Way Narrow Wood Mullion
Design pressures are limited by mullion capacity only.

Span (L)(in)	Tributary Width (W) (in)																						
	18.0	25.0	30.0	37.0	42.0	49.0	54.0	61.0	66.0	73.0	78.0	85.0	90.0	97.0	102.0	109.0	114.0	121.0	126.0	133.0	138.0	145.0	150.0
30.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
37.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
42.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
49.0	80.0	80.0	71.4	62.6	59.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
54.0	80.0	66.5	57.4	49.5	46.0	43.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
61.0	69.2	51.3	43.9	37.3	34.2	31.5	30.3	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
66.0	58.9	43.4	37.0	31.2	28.4	25.8	24.6	23.7	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
73.0	47.9	35.2	29.8	25.0	22.6	20.3	19.1	18.0	17.6	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
78.0	39.5	29.0	24.6	20.6	18.7	16.7	15.8	14.8	14.4	14.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
85.0	30.4	22.3	18.9	15.7	14.2	12.6	11.8	11.0	10.5	10.4	10.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
90.0	25.6	18.7	15.8	13.1	11.8	10.5	9.7	9.0	8.6	8.5	8.3	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
97.0	20.4	14.9	12.5	10.4	9.3	8.2	7.6	7.0	6.7	6.5	6.3	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
102.0	18.0	13.1	11.1	9.1	8.2	7.2	6.7	6.1	5.8	5.4	5.3	5.1	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
109.0	14.7	10.7	9.0	7.4	6.6	5.8	5.4	4.9	4.6	4.3	4.2	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
114.0	12.9	9.4	7.9	6.5	5.8	5.0	4.7	4.2	4.0	3.7	3.6	3.4	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1
121.0	10.8	7.8	6.6	5.4	4.8	4.2	3.9	3.5	3.3	3.1	2.9	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

- NOTE:
- MULLION CHART APPLIES TO NARROW WOOD MULLION ASSEMBLIES, SEE TYP. DETAIL N/6, WHEN USED TO MULL WINDOWS IN CONFIGURATIONS SHOWN IN ELEVATIONS A & B BELOW .
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE NARROW WOOD MULLION OR THE INDIVIDUAL WINDOW UNIT OF INSTALLATION.
 - MULLION CHART ABOVE APPLIES TO MULLED ASSEMBLIES CONSISTING OF 400 SERIES DIRECT SET FLEXIFRAME WINDOWS, DIRECT SET VINYL CLAD WINDOWS, CASEMENT WINDOWS, AND/OR AWNING WINDOWS.
 - ADJACENT WINDOWS SHALL BE FASTENED TO THE ROUGH OPENING WITH ADDITIONAL ANCHORS IN ACCORDANCE WITH DETAILS L/7 & M/7, SHEET 7.



ELEVATION A
TRIBUTARY WIDTH = W = (A+B)/2



ELEVATION B
TRIBUTARY WIDTH = W = (A+B)/2

ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

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

TITLE: 400 SERIES SPECIALTY WINDOW -
FLEXIFRAME, ARCH FLEXIFRAME
AND SPRINGLINE
(NON-HVHZ)/(NON-IMPACT)
ONE-WAY WOOD MULL TABLE

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

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

FL #:
FL15905

DATE:
08.15.17

DWG. BY:
CL

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
AWD139

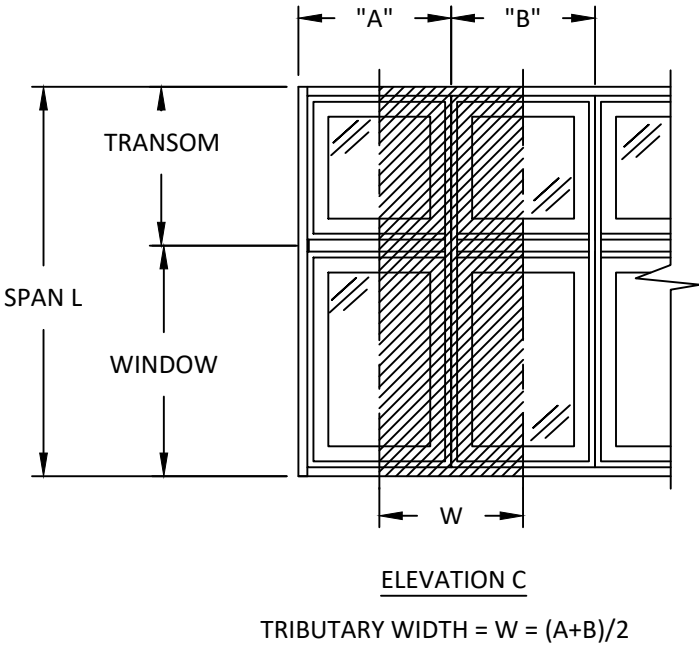
SHEET:
9

Maximum Design Pressure Capacity Chart
Two-Way Narrow Wood Mullion

Design pressures are limited by mullion capacity only.

Span (L) (in.)	Tributary Width (W) (in)															
	18.0	25.0	30.0	37.0	42.0	49.0	54.0	61.0	66.0	73.0	78.0	85.0	90.0	97.0	102.0	109.0
30.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	75.8	68.5	64.1	58.8	55.6	51.6	49.0	45.9
36.0	80.0	80.0	80.0	80.0	80.0	70.9	64.3	56.9	52.6	47.6	44.5	40.9	38.6	35.8	34.1	31.9
42.0	80.0	80.0	80.0	69.0	60.8	52.1	47.3	41.8	38.7	35.0	32.7	30.0	28.4	26.3	25.0	23.4
48.0	80.0	78.2	65.1	52.8	46.5	39.9	36.2	32.0	29.6	26.8	25.0	23.0	21.7	20.1	19.2	17.9
54.0	80.0	61.8	51.5	41.7	36.8	31.5	28.6	25.3	23.4	21.1	19.8	18.2	17.2	15.9	15.1	14.2
60.0	69.5	50.0	41.7	33.8	29.8	25.5	23.2	20.5	18.9	17.1	16.0	14.7	13.9	12.9	12.3	11.5
66.0	57.4	41.3	34.4	27.9	24.6	21.1	19.1	16.9	15.7	14.2	13.2	12.2	11.5	10.7	10.1	9.5
72.0	48.2	34.7	28.9	23.5	20.7	17.7	16.1	14.2	13.2	11.9	11.1	10.2	9.6	9.0	8.5	8.0
78.0	41.1	29.6	24.7	20.0	17.6	15.1	13.7	12.1	11.2	10.1	9.5	8.7	8.2	7.6	7.3	6.8
84.0	33.3	24.4	20.6	17.0	15.2	13.0	11.8	10.5	9.7	8.7	8.2	7.5	7.1	6.6	6.3	5.9
90.0	27.0	19.7	16.6	13.7	12.2	10.7	9.8	8.7	8.1	7.4	7.0	6.4	6.1	5.7	5.4	5.1
96.0	22.2	16.2	13.7	11.2	10.0	8.7	8.0	7.2	6.7	6.1	5.7	5.3	5.0	4.7	4.4	4.2
102.0	18.4	13.5	11.3	9.3	8.3	7.2	6.6	5.9	5.5	5.0	4.7	4.4	4.2	3.9	3.7	3.5
108.0	15.5	11.3	9.5	7.8	7.0	6.1	5.5	5.0	4.6	4.2	4.0	3.7	3.5	3.2	3.1	2.9
114.0	13.2	9.6	8.1	6.6	5.9	5.1	4.7	4.2	3.9	3.6	3.4	3.1	3.0	2.8	2.6	2.5
120.0	11.3	8.2	6.9	5.7	5.0	4.4	4.0	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.1

- NOTE:
- MULLION CHART APPLIES TO NARROW WOOD MULLION ASSEMBLIES, SEE DETAIL N/6, WHEN USED TO MULL WINDOWS IN CONFIGURATIONS SHOWN IN TYP. ELEVATION C BELOW.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE NARROW WOOD MULLION OR THE INDIVIDUAL WINDOW UNIT OF INSTALLATION.
 - MULLION CHART ABOVE APPLIES TO MULLED ASSEMBLIES CONSISTING OF 400 SERIES DIRECT SET FLEXIFRAME WINDOWS, DIRECT SET VINYL CLAD WINDOWS, CASEMENT WINDOWS, AND/OR AWNING WINDOWS.
 - ADJACENT WINDOWS SHALL BE FASTENED TO THE ROUGH OPENING WITH ADDITIONAL ANCHORS IN ACCORDANCE WITH DETAILS L/7 & M/7, SHEET 7.



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

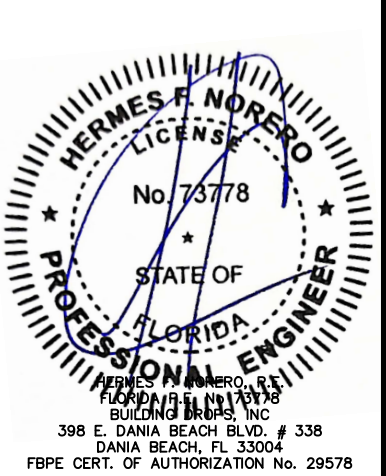
TITLE: 400 SERIES SPECIALTY WINDOW -
FLEXIFRAME, ARCH FLEXIFRAME
AND SPRINGLINE
(NON-HVHZ)/(NON-IMPACT)
TWO-WAY WOOD MULL TABLE

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
5TH FBC CODE CHANGE	SM	4.14.15
6TH FBC CODE CHANGE	CL	8.15.17
7TH FBC CODE CHANGE	SR	3.20.20
8TH FBC CODE CHANGE	SH	5.25.23

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 #:

FL15905

DATE: 08.15.17

DWG. BY: CL

CHK. BY: HFN

SCALE: NTS

DWG. #: AWD139

SHEET:

10

OF 10