

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR CLIP IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. 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.
3. 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.
4. **INSTALLATION CLIP:** FOR INSTALLATION INTO 2X BUCK USE TWO (2) #8 WOOD SCREWS PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
5. **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.
6. **INSTALLATION CLIP:** FOR INSTALLATION THROUGH METAL STUD USE TWO (2) #8 SELF-TAPPING SCREWS PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
7. **THROUGH FRAME:** FOR INSTALLATION INTO 2X BUCK USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
8. **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.
9. **THROUGH FRAME:** FOR INSTALLATION THROUGH METAL STUD USE #10 SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
10. **THROUGH NAILING FLANGE:** FOR INSTALLATION INTO 2X BUCK USE #8 WOOD SCREWS OR 8D COMMON NAIL OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
11. **THROUGH NAILING FLANGE:** FOR INSTALLATION THROUGH METAL STUD USE #8 SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
12. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
13. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
14. 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.
15. 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.
16. 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.

F. ALUMINUM - MINIMUM WALL THICKNESS OF ⅜". 6063-T5 ALLOY OR BETTER.

ANDERSEN CORPORATION

200 SERIES FIXED WINDOW

(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. THE PRODUCT 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. SG = 0.40)/VINYL*
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAIL.
8. *DESIGNATION "O" STANDS FOR THE FOLLOWING:*

O: FIXED PANEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL & INSTALLATION NOTES
2	ELEVATION & ANCHOR LAYOUTS
3	VERTICAL SECTIONS
4	HORIZONTAL SECTIONS
5	HORIZONTAL & VERTICAL SECTIONS & GLAZING DETAIL
6	COMPONENTS & BILL OF MATERIALS
7	FX - FX MULL TABLE (ONE-WAY)
8	FX - DH MULL TABLE (ONE-WAY)
9	FX/CT - FX MULL TABLE (TWO-WAY)
10	FX - DH MULL TABLE (TWO-WAY)

DESIGN PRESSURE RATING			
SIZE	INSTALLATION METHOD	DESIGN PRESSURE	MISSILE IMPACT RATING
71 ½" x 59 ½"	THROUGH FRAME OR THROUGH CLIP	+50.0 / -50.0 PSF	NON-IMPACT
71 ½" x 59 ½"	THROUGH NAILING FLANGE	+30.0 / -35.0 PSF	NON-IMPACT

ANDERSEN

WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

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

TITLE: 200 SERIES FIXED WINDOW
(NON-HVHZ)(NON-IMPACT)

GENERAL & INSTALLATION NOTES

PREPARED BY:

BUILDING DROPS, INC.

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BD

BUILDING DROPS

REMARKS	BY	DATE
5TH FBC CODE CHANGE	SM	4.14.15
6TH FBC CODE CHANGE	HR	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 20:51:03 -0400'

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

DATE:

08.15.17

DWG. BY:

HR

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

AWD137

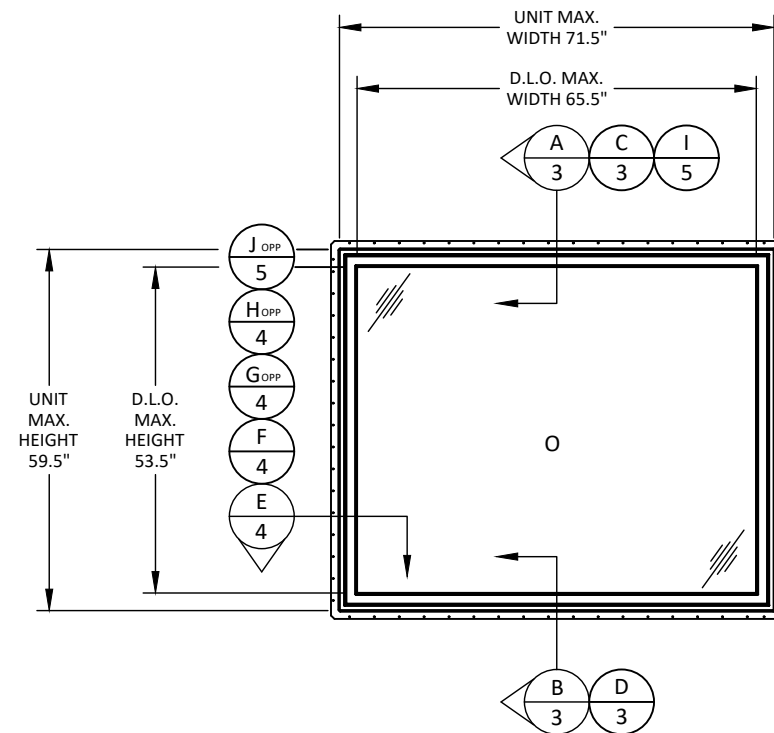
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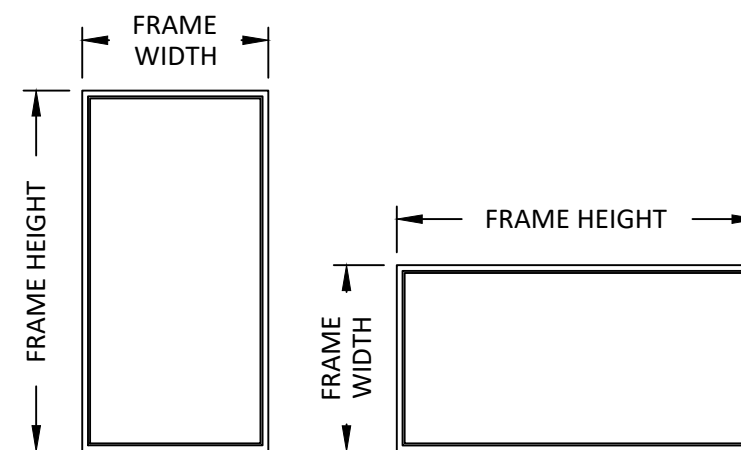
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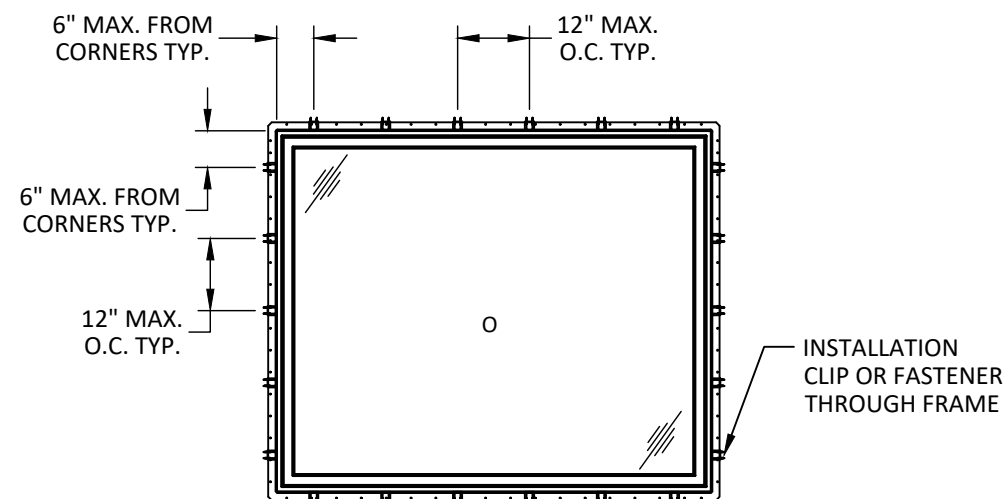
NOTE:
RADIUS TOP UNITS ARE QUALIFIED SUCH THAT
THE MAX DIMENSIONS MAY BE INSCRIBED
WITHIN THE ELEVATION DEPICTED AT LEFT.



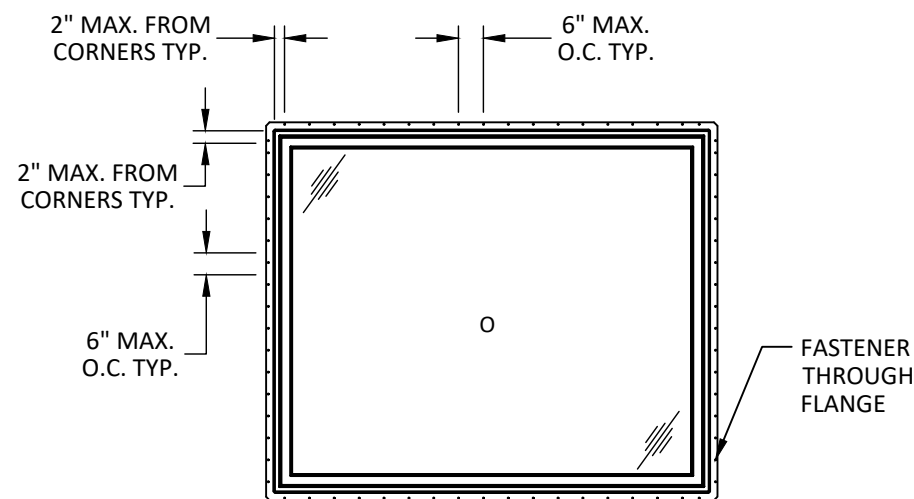
ELEVATION



NOTE:
WINDOW WIDTH AND HEIGHT ARE
INTERCHANGEABLE FOR ALL SIZES SHOWN
HEREIN NOT TO EXCEED MAXIMUM
QUALIFIED SQUARE FOOT AREA.



ANCHOR LAYOUT
INSTALLATION CLIP OR THROUGH FRAME



ANCHOR LAYOUT
THROUGH NAILING FLANGE (SEE NOTE 4)

- NOTES:
1. FOR 2X WOOD INSTALLATION, USE (2) #8 WOOD SCREWS PER CLIP OR (1) #10 WOOD SCREW PER LOCATION THROUGH FRAME, OR (1) #10 WOOD SCREW OR 8D COMMON NAIL PER LOCATION THROUGH FLANGE.
 2. FOR CONCRETE/MASONRY INSTALLATION, USE (1) $\frac{3}{16}$ " ITW TAPCON PER CLIP OR (1) $\frac{3}{16}$ " ITW TAPCON PER LOCATION THROUGH FRAME.
 3. FOR METAL STUD INSTALLATION, USE (2) #8 SELF-TAPPING ANCHORS PER CLIP, (1) #10 SELF-TAPPING ANCHOR PER LOCATION THROUGH FRAME, OR (1) #8 SELF-TAPPING SCREW THROUGH FLANGE.
 4. FLANGE INSTALLATION RATED FOR A MAXIMUM DESIGN PRESSURE OF +30/-35 PSF.



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ELEVATION & ANCHOR LAYOUTS

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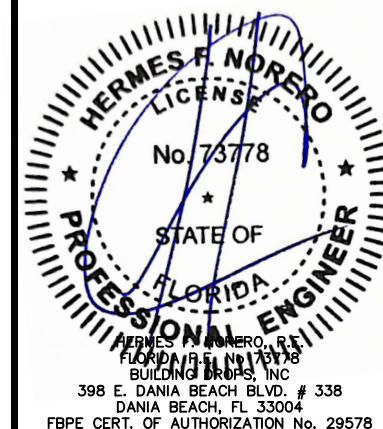
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5TH FBC CODE CHANGE	SM	4.14.15
6TH FBC CODE CHANGE	HR	8.15.17
7TH FBC CODE CHANGE	SR	3.20.20
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FL15905

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SCALE: **NTS**

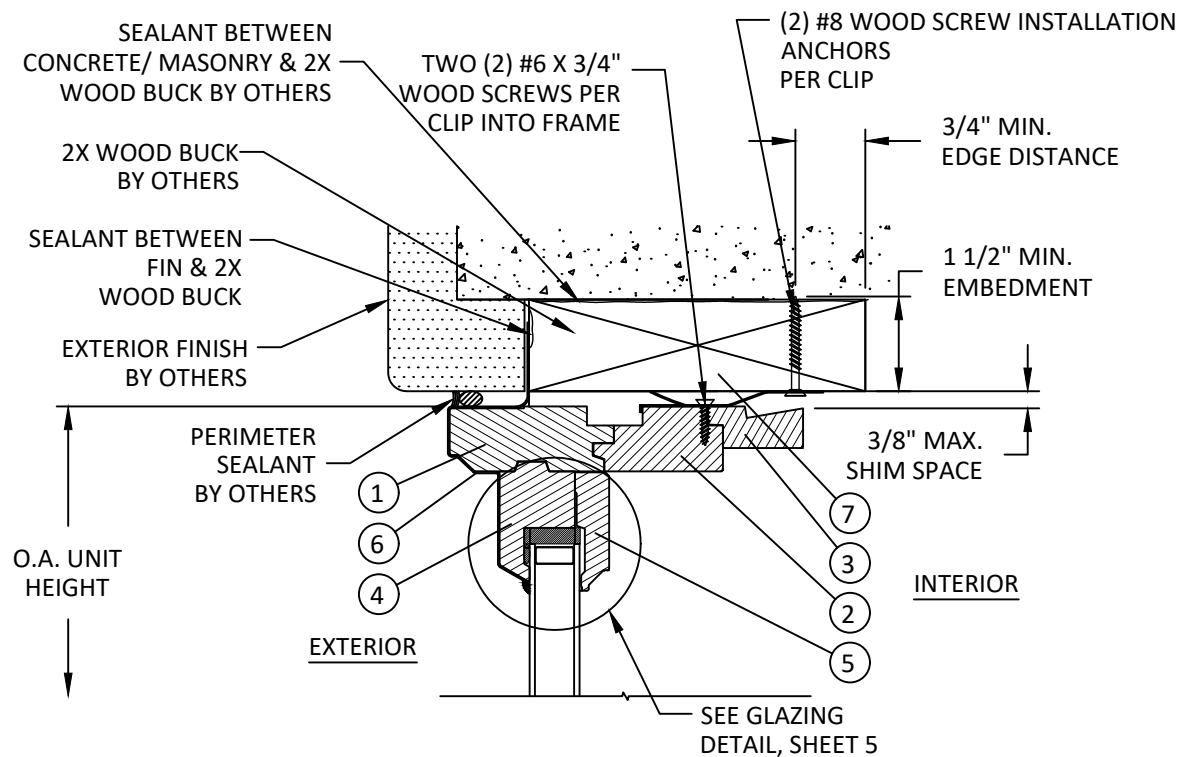
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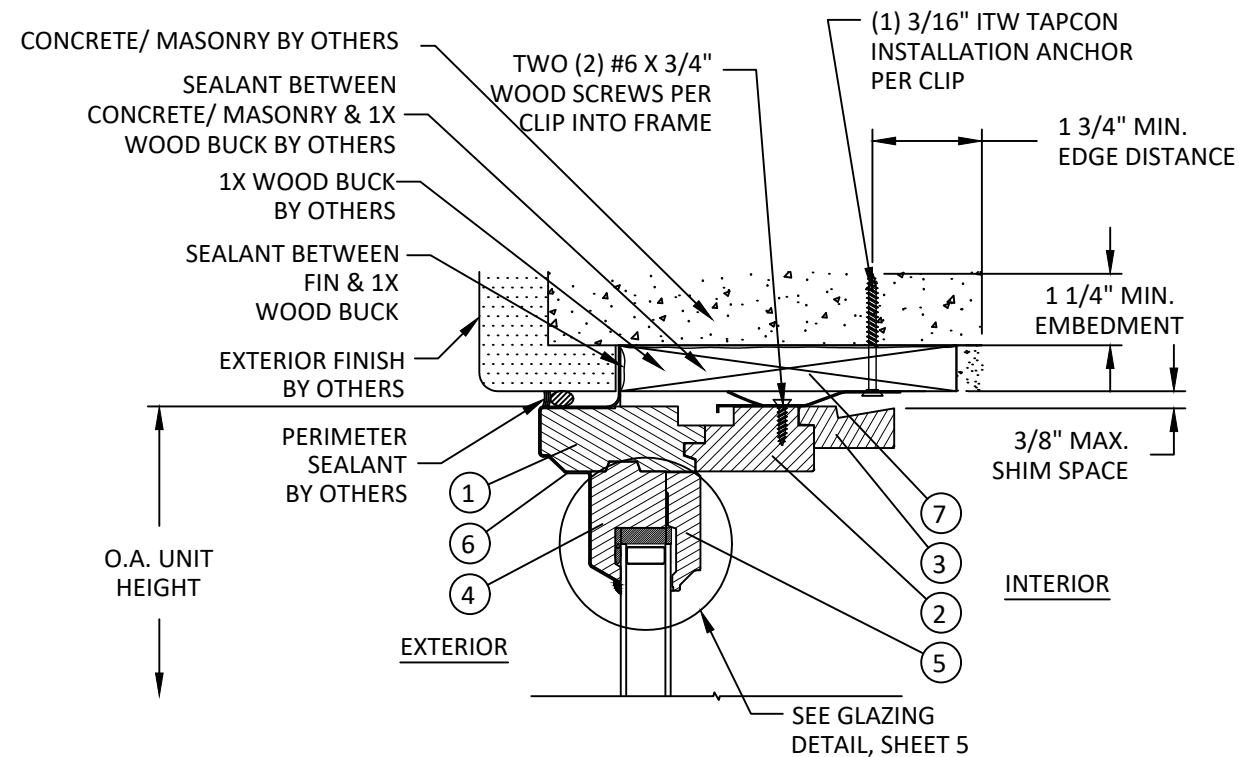
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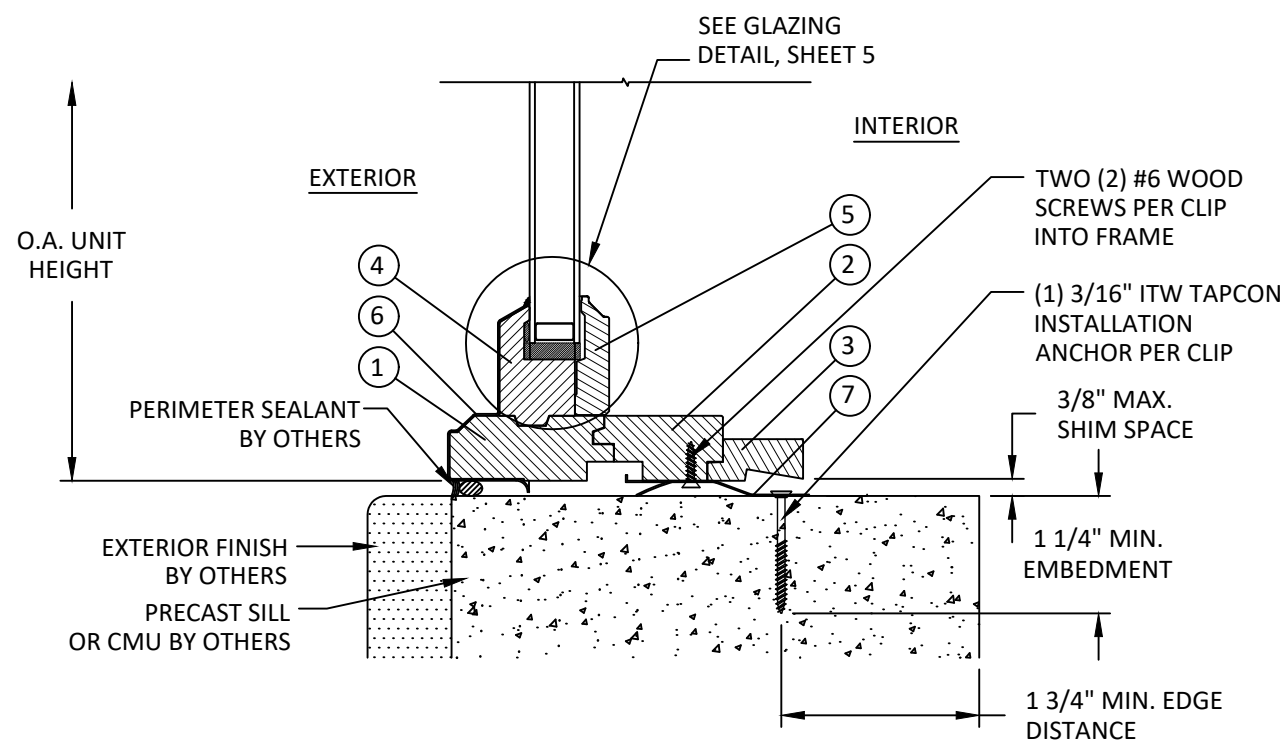
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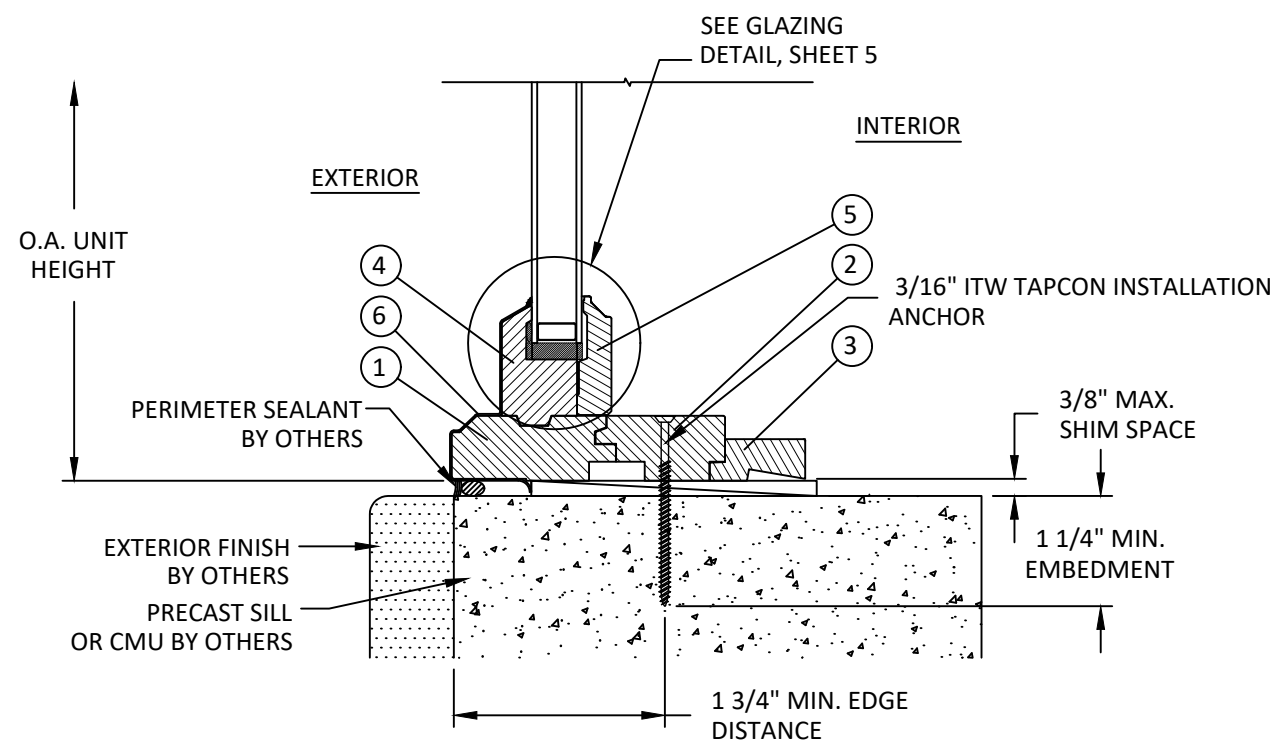
A
3 **VERTICAL SECTION**
HEAD - 2X WOOD/CONCRETE/MASONRY
INSTALLATION CLIP



C
3 **VERTICAL SECTION**
HEAD - 1X WOOD/CONCRETE/MASONRY
INSTALLATION CLIP



B
3 **VERTICAL SECTION**
SILL - PRECAST CONCRETE
INSTALLATION CLIP



D
3 **VERTICAL SECTION**
SILL - PRECAST CONCRETE
THROUGH FRAME



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VERTICAL SECTIONS

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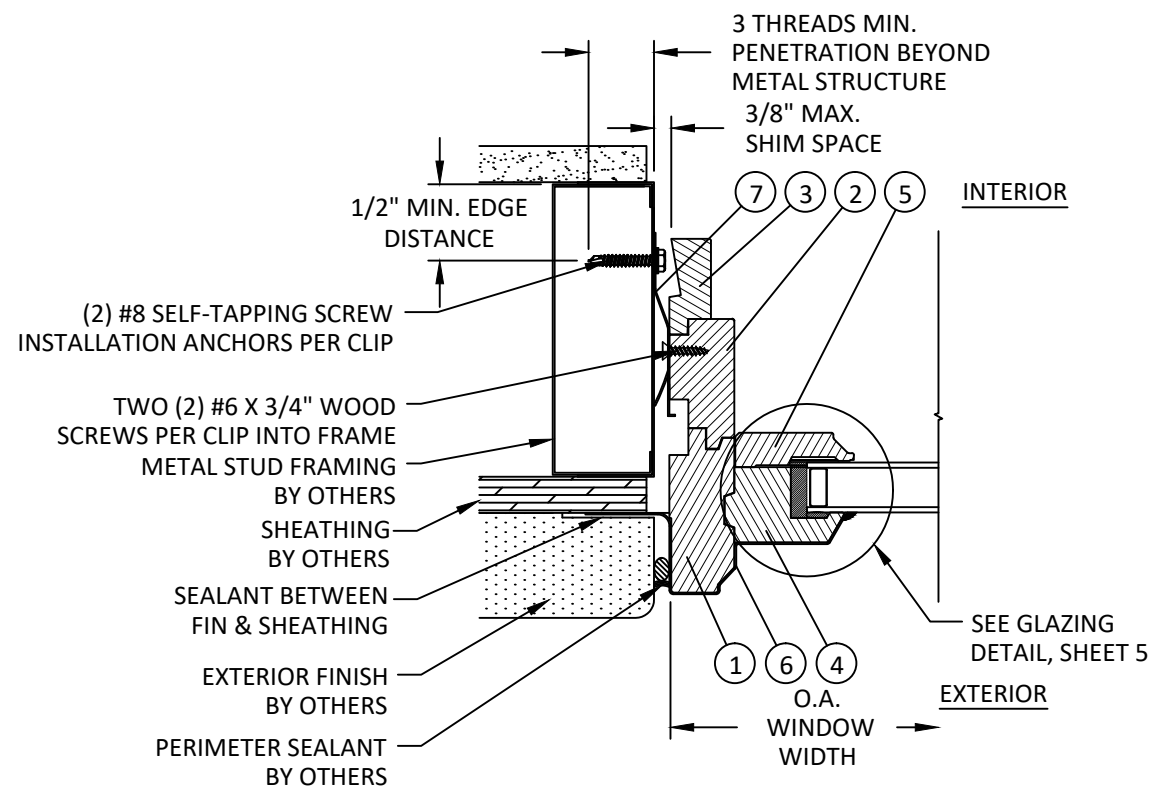
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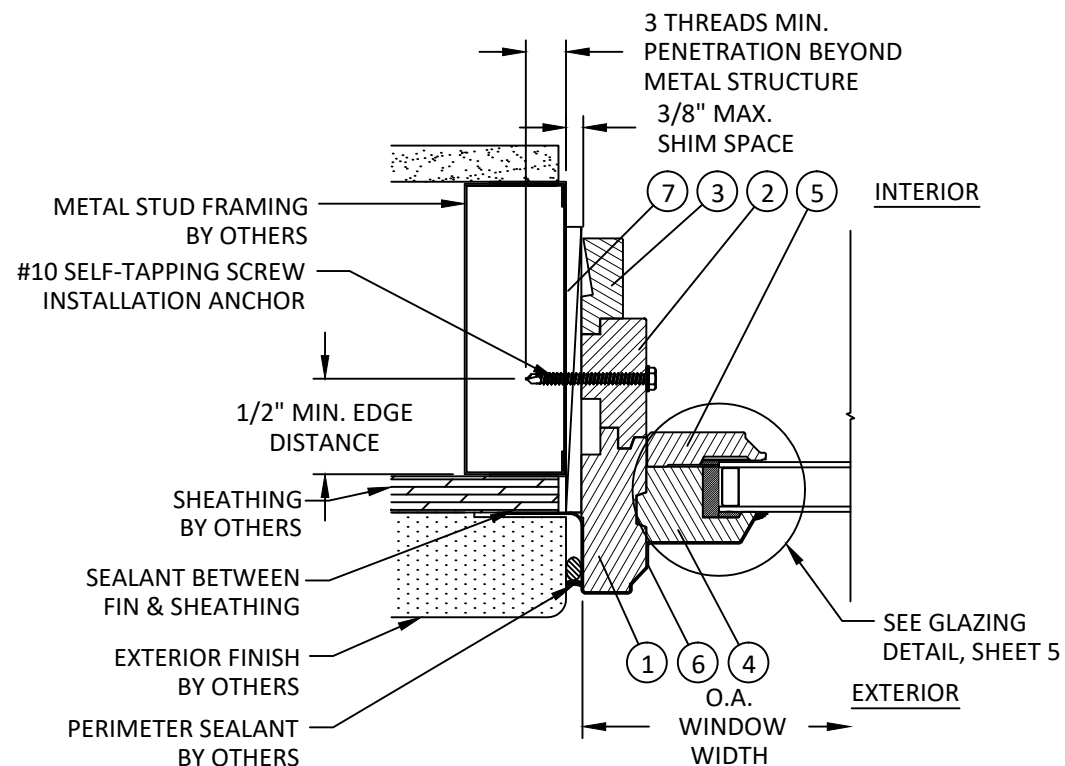


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SCALE:	NTS
DWG. #:	AWD137
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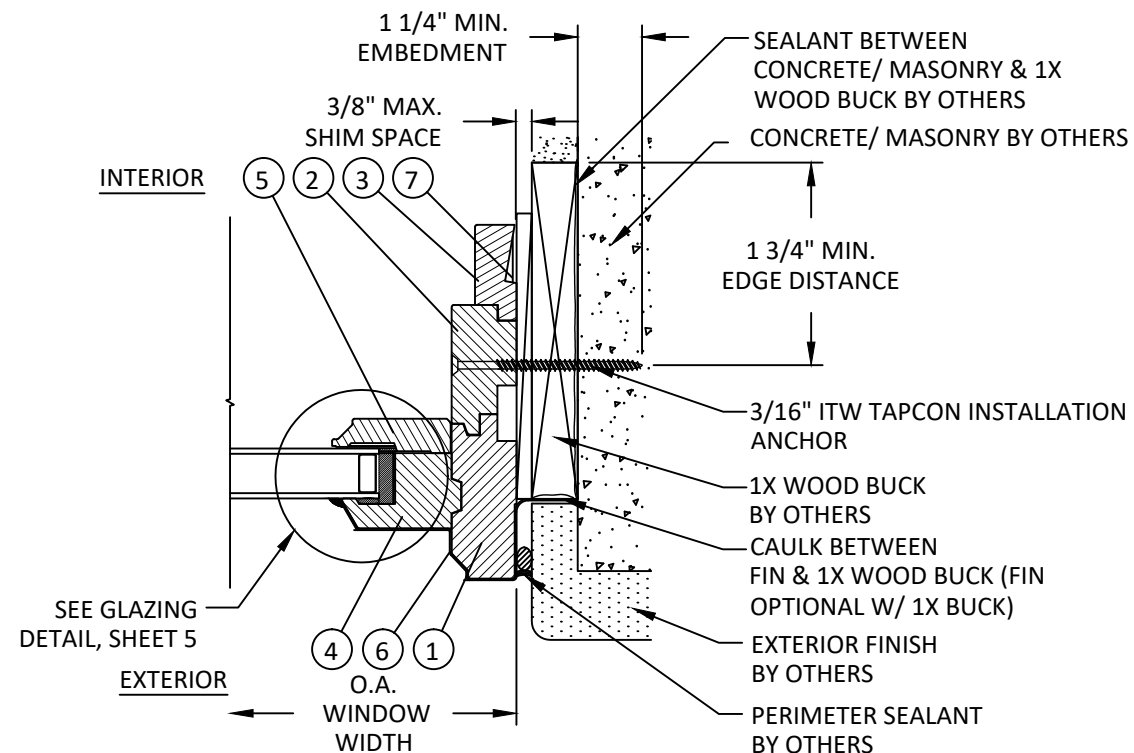
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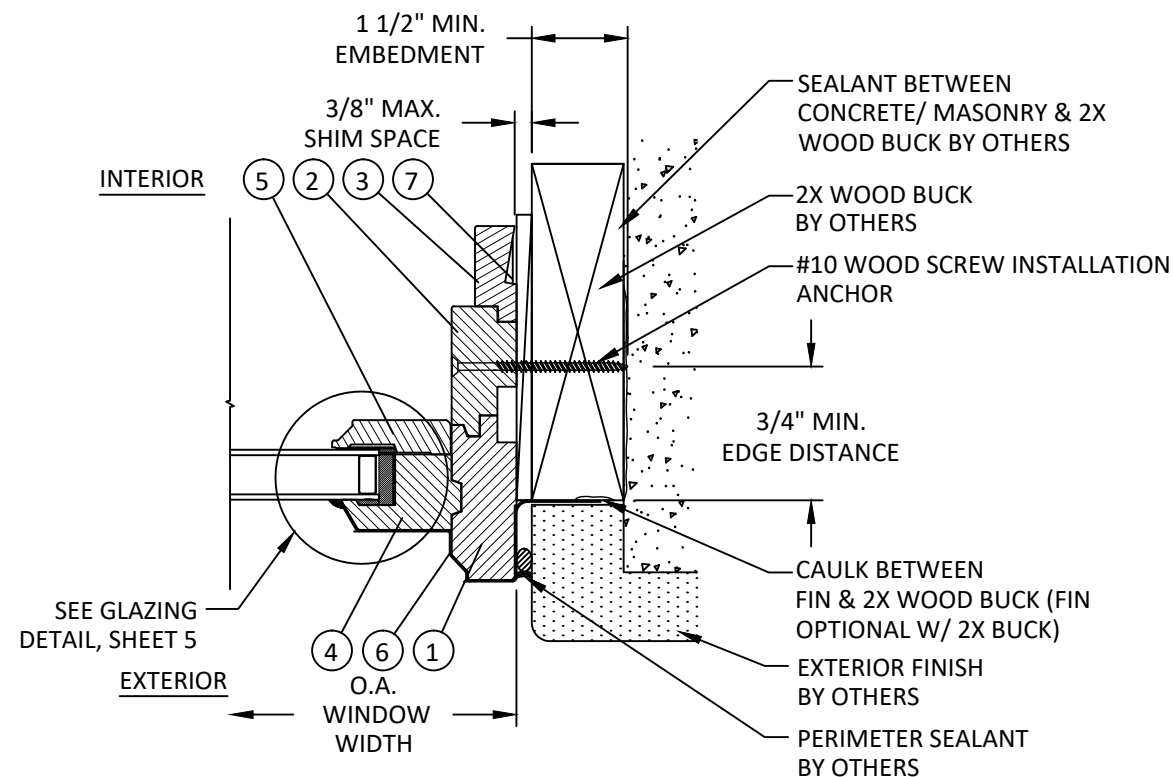
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4 **HORIZONTAL SECTION**
JAMB - METAL STUD FRAME
INSTALLATION CLIP



F
4 **HORIZONTAL SECTION**
JAMB - METAL STUD FRAME
THROUGH FRAME



G
4 **HORIZONTAL SECTION**
JAMB - 1X WOOD/CONCRETE/MASONRY
THROUGH FRAME



H
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
THROUGH FRAME



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HORIZONTAL SECTIONS

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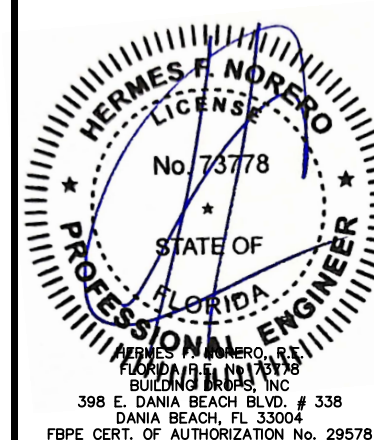
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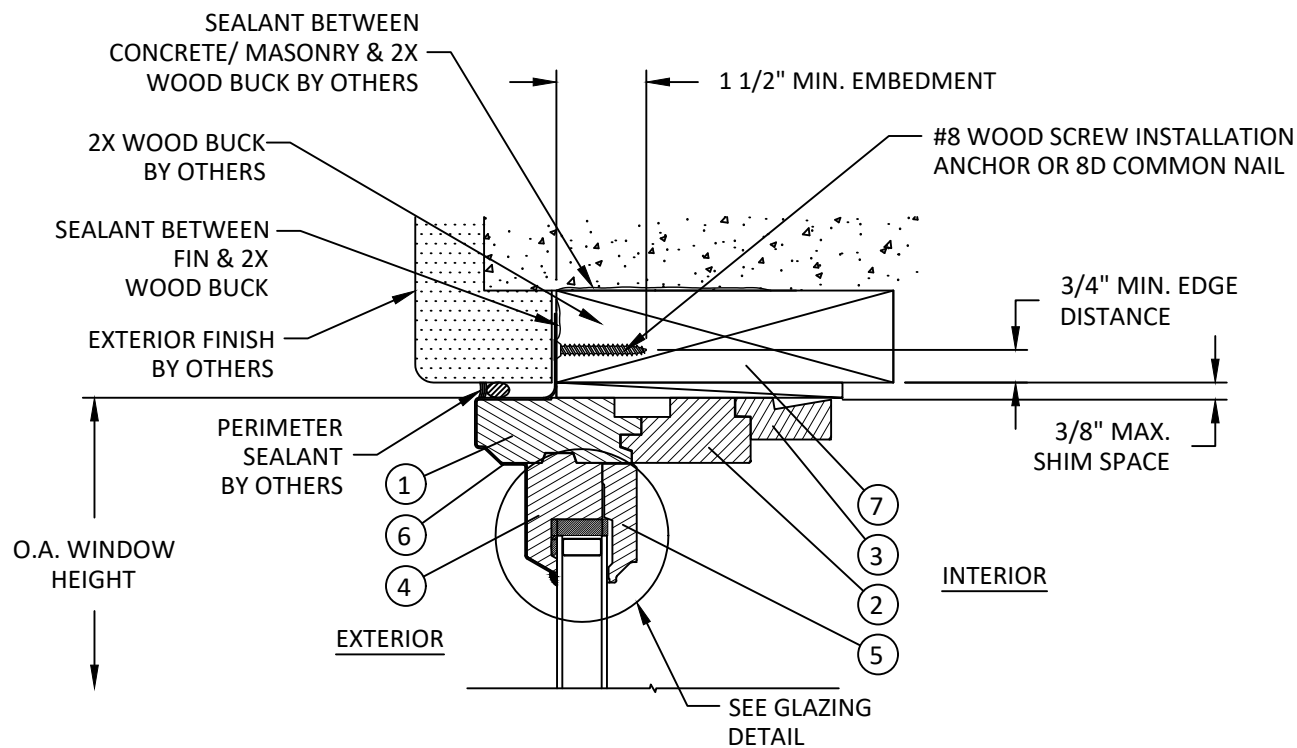
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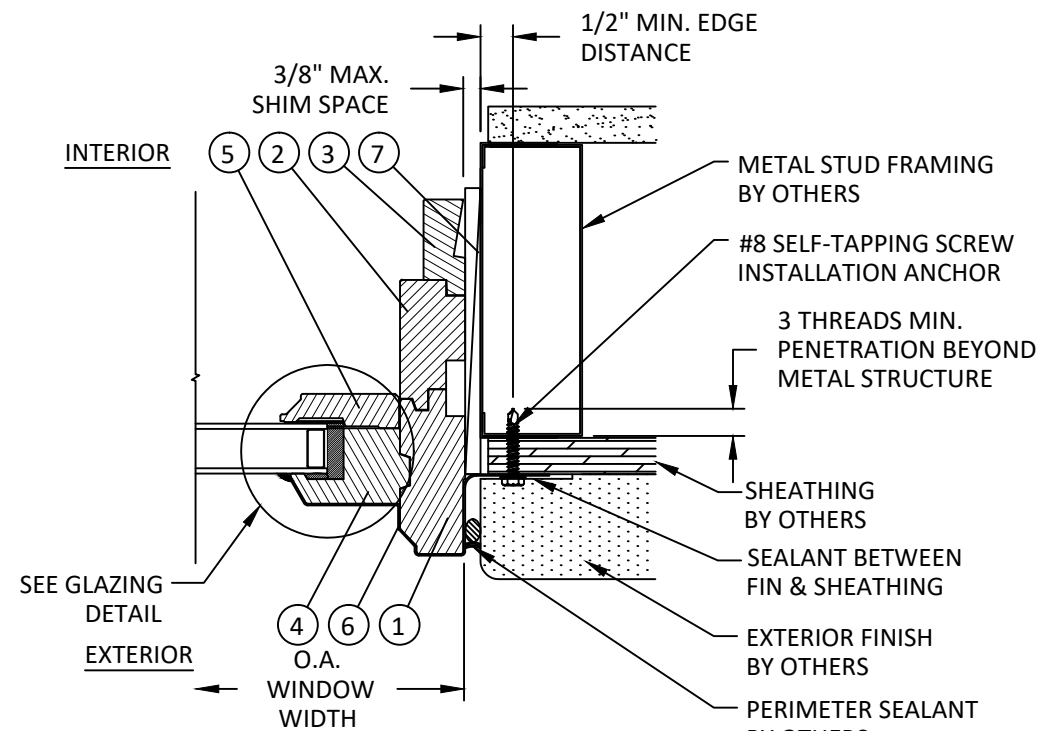
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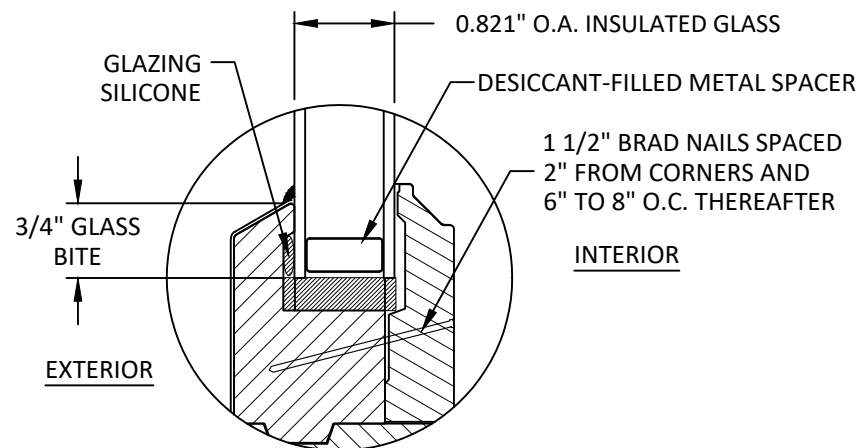
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I
5 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
THROUGH NAILING FLANGE



J
5 **HORIZONTAL SECTION**
JAMB - METAL STUD FRAME
THROUGH NAILING FLANGE



GLAZING DETAIL

GLAZING NOTES:

1. 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.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN GLASS CHARTS.



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HORIZONTAL & VERTICAL SECTIONS
& GLAZING DETAIL

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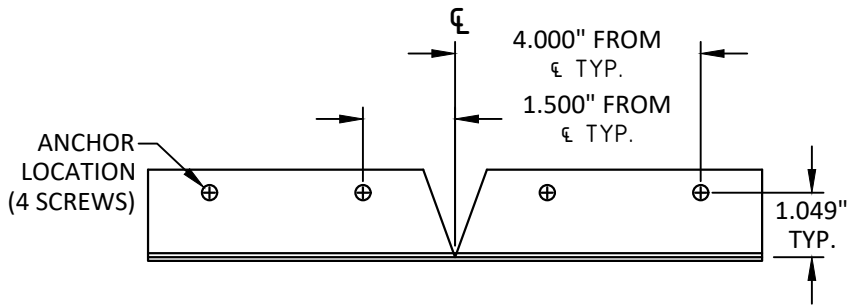
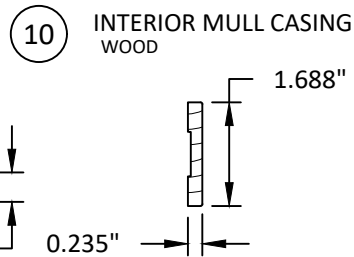
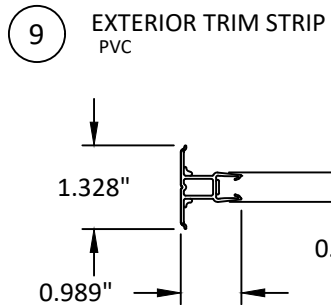
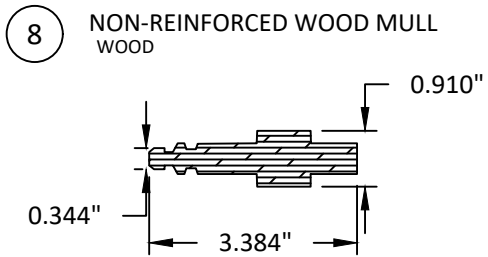
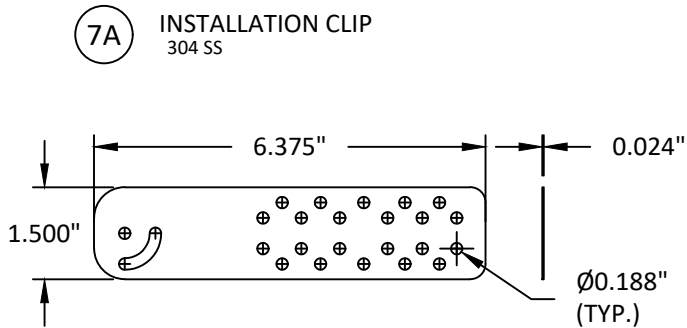
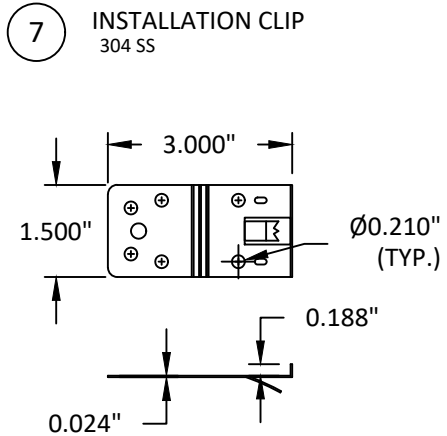
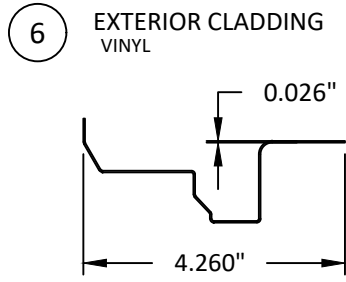
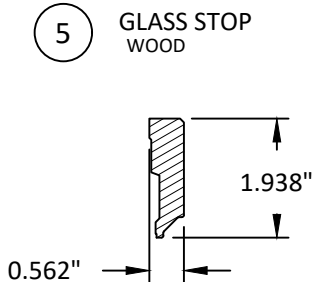
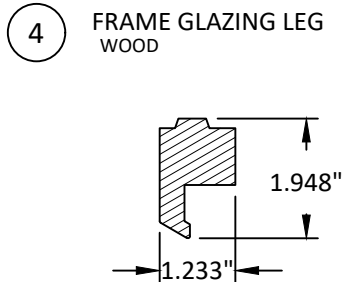
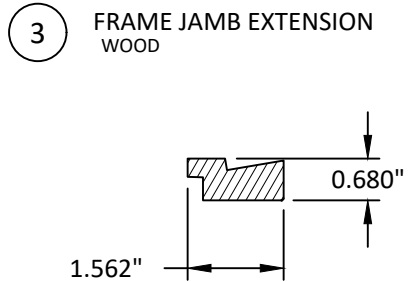
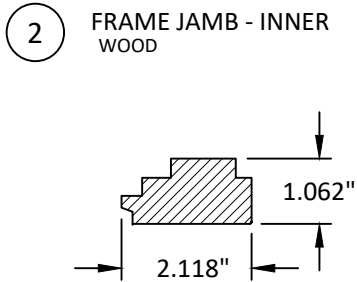
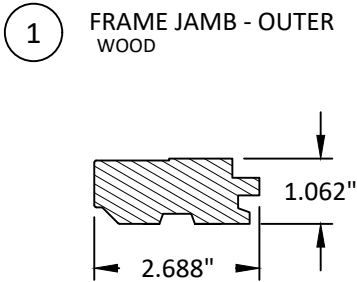
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SHEET:

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BILL OF MATERIALS			
NO	DESCRIPTION	MATERIAL	MANUFACTURER
1	FRAME JAMB - OUTER	WOOD	ANDERSEN
2	FRAME JAMB - INNER	WOOD	ANDERSEN
3	FRAME JAMB EXTENSION	WOOD	ANDERSEN
4	FRAME GLAZING LEG	WOOD	ANDERSEN
5	GLAZING BEAD	WOOD	ANDERSEN
6	EXTERIOR CLADDING	VINYL	ANDERSEN
7	INSTALLATION CLIP	304 SS	ANDERSEN
8	NON-REINFORCED WOOD MULL	WOOD	ANDERSEN
9	EXTERIOR TRIP STRIP	PVC	ANDERSEN
10	INTERIOR MULL CASING	WOOD	ANDERSEN
11	V-NOTCH MULL GUSSET PLATE	GALV. STEEL	ANDERSEN

NOTE:
ALL WOOD TO BE PONDEROSA PINE
OR EQUAL (MIN. S.G. = 0.40)



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

TITLE: 200 SERIES FIXED WINDOW
(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
5TH FBC CODE CHANGE	SM	4.14.15
6TH FBC CODE CHANGE	HR	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.

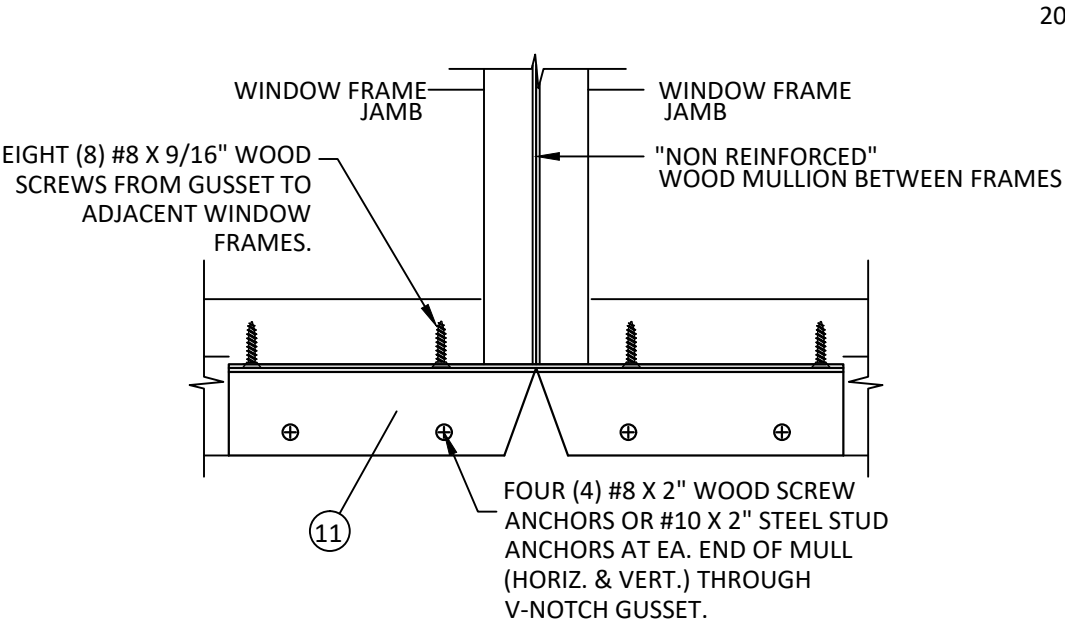


FL #:	FL15905
DATE:	08.15.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD137
SHEET:	6

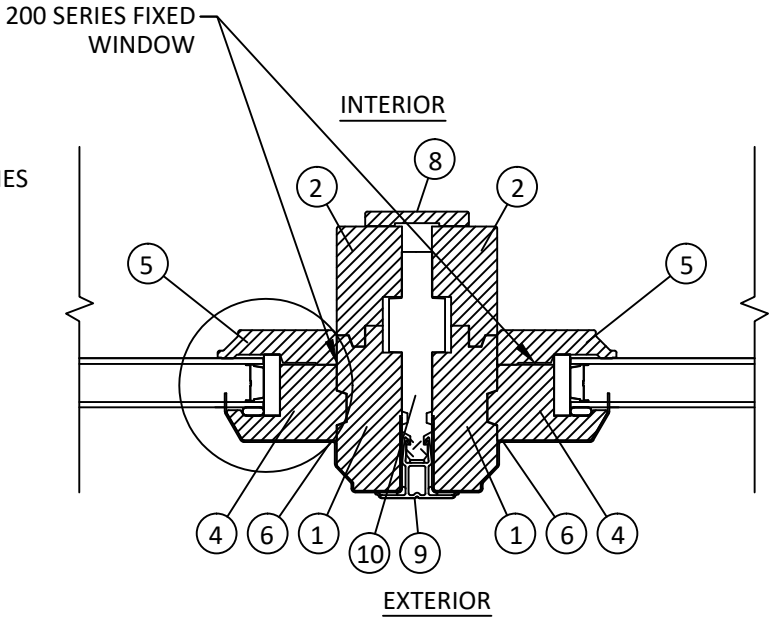
Maximum Design Pressure Capacity Chart (psf)
FX-FX One-Way Mullions

L - Mull Length (in)	W - Tributary Width (in)										
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
30.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
36.0	144.6	131.2	122.0	115.7	111.5	109.2	108.4	108.4	108.4	108.4	108.4
42.0	118.3	106.2	97.6	91.3	86.8	83.5	81.3	79.7	79.7	79.7	79.7
48.0	100.1	89.2	81.3	75.4	71.0	67.6	65.1	62.0	61.0	61.0	61.0
54.0	86.8	76.9	69.7	64.3	59.2	55.1	51.9	47.5	45.1	44.3	44.3
60.0	73.9	64.1	56.8	51.3	46.9	43.5	40.7	36.7	34.2	32.7	32.3
66.0	60.8	52.6	46.5	41.8	38.2	35.3	32.9	29.3	27.0	25.4	24.5
72.0	50.9	43.9	38.8	34.8	31.7	29.2	27.2	24.1	21.9	20.4	19.4
78.0	43.2	37.3	32.9	29.5	26.8	24.6	22.8	20.1	18.2	16.8	15.9
84.0	37.0	31.9	28.2	25.3	22.9	21.0	19.5	17.1	15.4	-	-
90.0	30.0	25.9	22.8	20.4	18.5	17.0	15.8	-	-	-	-
96.0	24.7	21.3	18.7	16.7	15.2	-	-	-	-	-	-

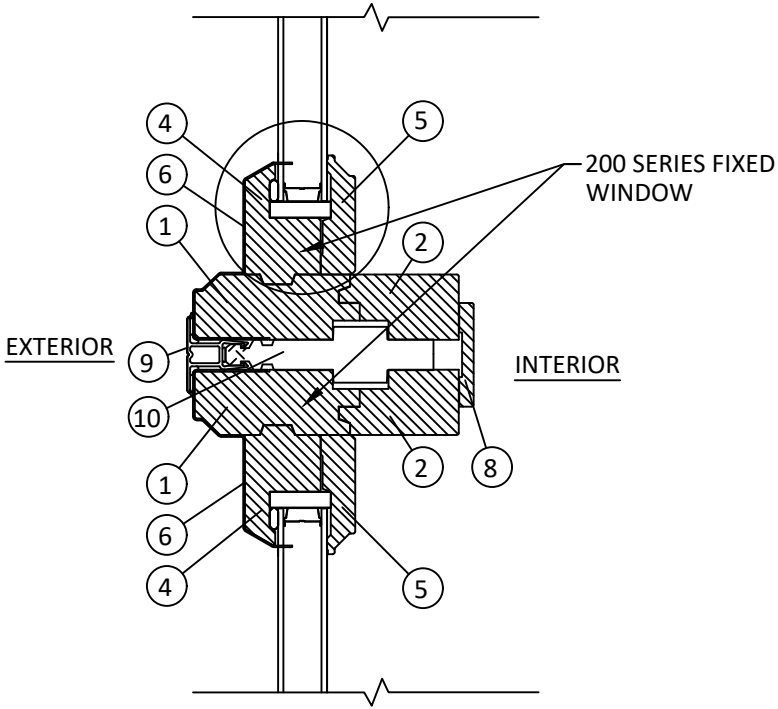
- NOTE:
- MULLION CHART APPLIES TO MULLION ASSEMBLIES, SEE TYP. DETAILS L/7 & M/7, WHEN USED TO MULL WINDOWS IN CONFIGURATIONS SHOWN IN ELEVATIONS A & B AT RIGHT .
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE JAMB-TO-JAMB WOOD MULLION OR THE INDIVIDUAL WINDOW UNIT OF INSTALLATION.
 - MULLION CHART ABOVE APPLIES TO MULLED ASSEMBLIES CONSISTING OF 200 SERIES FIXED WINDOW UNITS.
 - ADJACENT WINDOWS SHALL BE FASTENED TO THE ROUGH OPENING WITH ADDITIONAL ANCHORS IN ACCORDANCE WITH DETAIL K/7, SHEET 7.



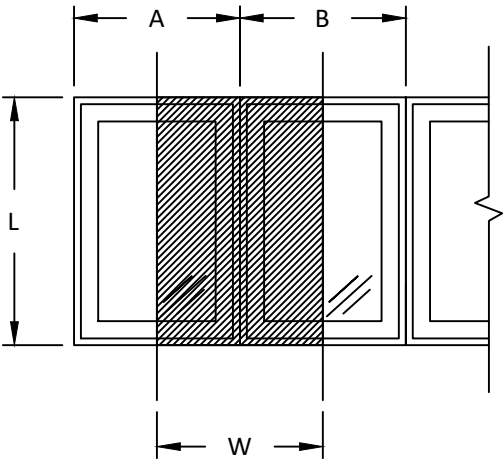
K
7
FRONT VIEW
MULLION ANCHOR DETAIL
V-NOTCH GUSSET



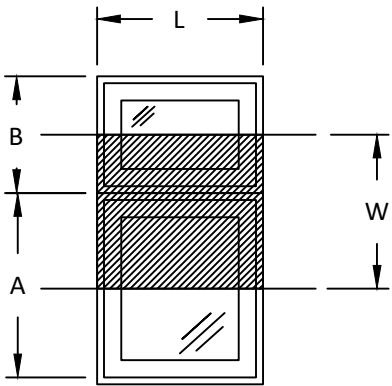
L
7
HORIZONTAL SECTION
FX - FX



M
7
VERTICAL SECTION
FX - FX



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: 200 SERIES FIXED WINDOW
(NON-HVHZ)/(NON-IMPACT)
FX - FX MULL TABLE (ONE-WAY)

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

BUILDING DROPS

REMARKS	BY	DATE
5TH FBC CODE CHANGE	SM	4.14.15
6TH FBC CODE CHANGE	HR	8.15.17
7TH FBC CODE CHANGE	SR	3.20.20
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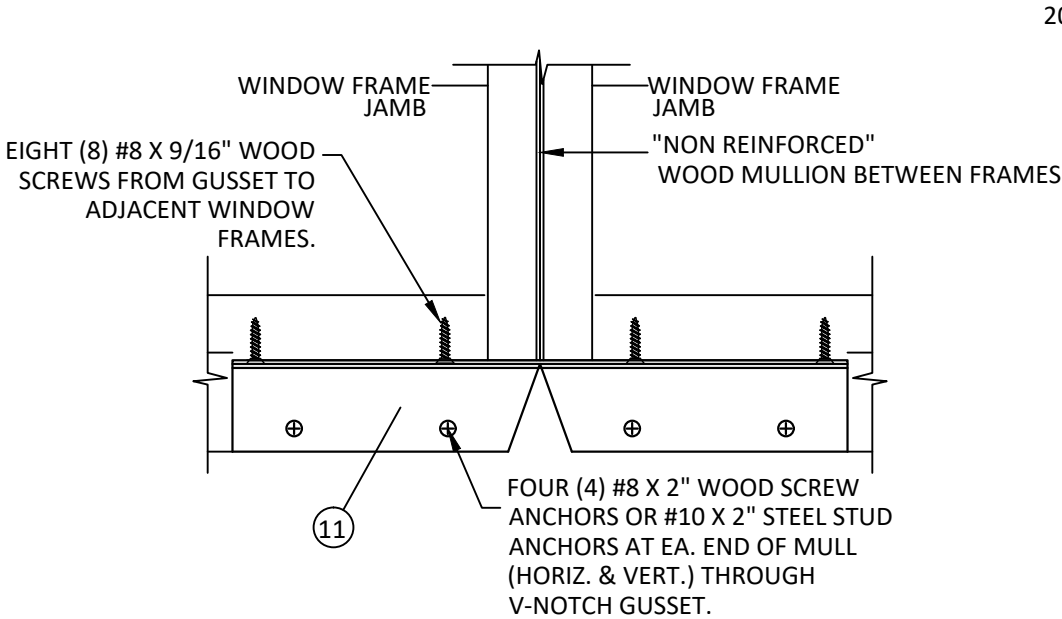
HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL15905
DATE:	08.15.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD137
SHEET:	7

Maximum Design Pressure Capacity Chart (psf)
FX-DH One-Way Mullions

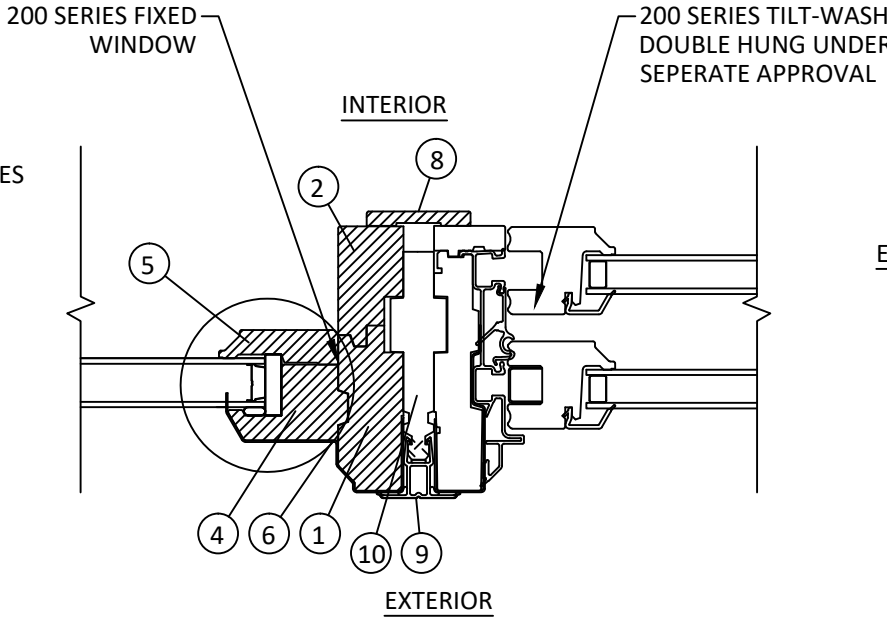
L - Mull Length (in)	W - Tributary Width (in)											
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
30.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
36.0	144.6	131.2	122.0	115.7	111.5	109.2	108.4	108.4	108.4	108.4	108.4	
42.0	118.3	106.2	97.6	91.3	86.8	83.5	81.3	79.7	79.7	79.7	79.7	
48.0	100.1	89.2	81.3	75.4	71.0	67.6	65.1	62.0	61.0	61.0	61.0	
54.0	86.8	76.9	69.7	64.3	60.1	56.8	54.2	50.7	48.8	48.2	48.2	
60.0	76.5	67.6	61.0	56.0	52.1	49.0	46.5	42.9	40.7	39.4	39.0	
66.0	68.5	60.3	54.2	49.6	45.9	43.0	40.7	37.2	34.7	32.7	31.6	
72.0	62.0	54.4	48.8	44.5	40.8	37.6	34.9	30.9	28.2	26.3	25.0	
78.0	55.6	47.9	42.3	37.9	34.4	31.7	29.4	25.9	23.4	21.6	20.4	
84.0	46.0	39.7	35.0	31.4	28.6	26.3	24.4	21.5	19.4	17.9	16.8	
90.0	37.3	32.2	28.4	25.4	23.1	21.2	19.6	17.2	15.5	-	-	
96.0	30.7	26.5	23.3	20.8	18.9	17.3	16.0	-	-	-	-	

- NOTE:
- MULLION CHART APPLIES TO MULLION ASSEMBLIES, SEE TYP. DETAILS O/8 & P/8, WHEN USED TO MULL WINDOWS IN CONFIGURATIONS SHOWN IN ELEVATIONS C & D AT RIGHT.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
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 - MULLION CHART ABOVE APPLIES TO MULLED ASSEMBLIES CONSISTING OF 200 SERIES FIXED WINDOW AND 200 SERIES TILT-WASH DOUBLE HUNG WINDOW UNITS.
 - ADJACENT WINDOWS SHALL BE FASTENED TO THE ROUGH OPENING WITH ADDITIONAL ANCHORS IN ACCORDANCE WITH DETAIL N/8, SHEET 8.



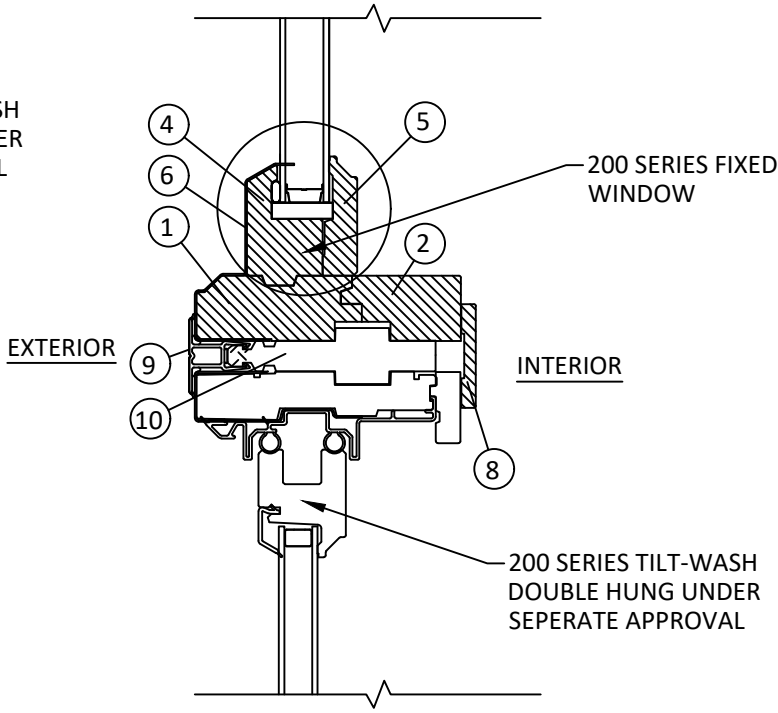
N
8

FRONT VIEW
MULLION ANCHOR DETAIL
V-NOTCH GUSSET



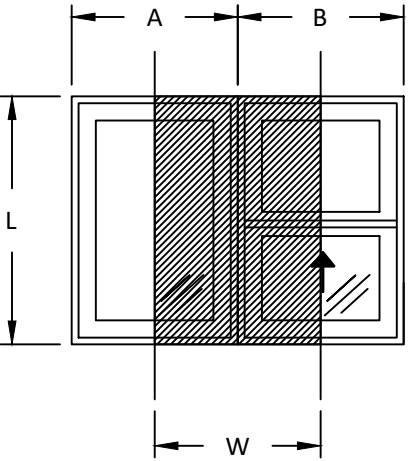
O
8

HORIZONTAL SECTION
FX - DH

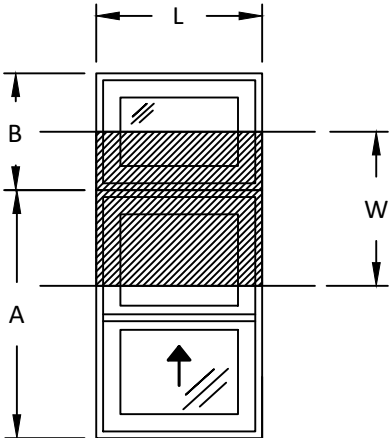


P
8

VERTICAL SECTION
FX - DH



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



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



100 FOURTH AVE NORTH
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(NON-HVHZ)/(NON-IMPACT)

FX - DH MULL TABLE (ONE-WAY)

PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338

DANIA BEACH, FL 33004

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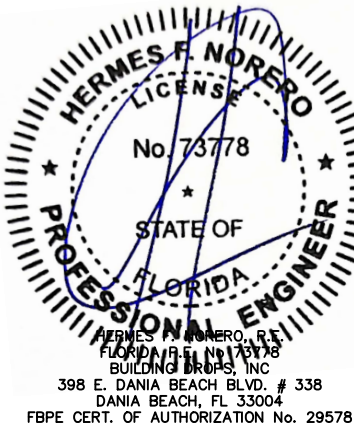
FAX: (954) 744-4738

WEB: www.buildingdrops.com



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

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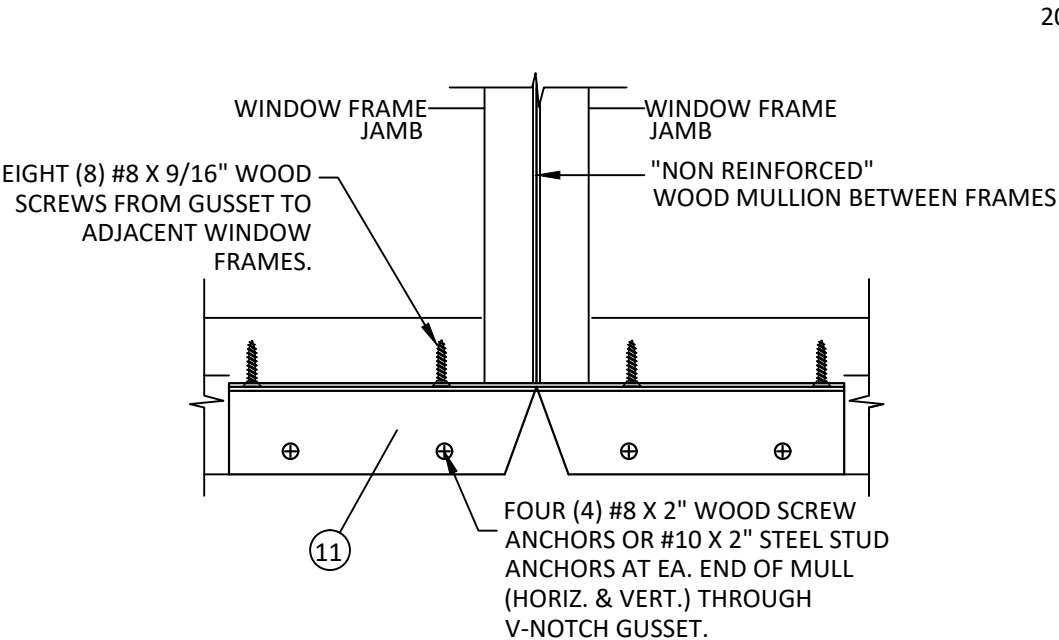


FL #:	FL15905
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DWG. #:	AWD137
SHEET:	8

Maximum Design Pressure Capacity Chart (psf)
FX/CT- FX Two-Way Mullions

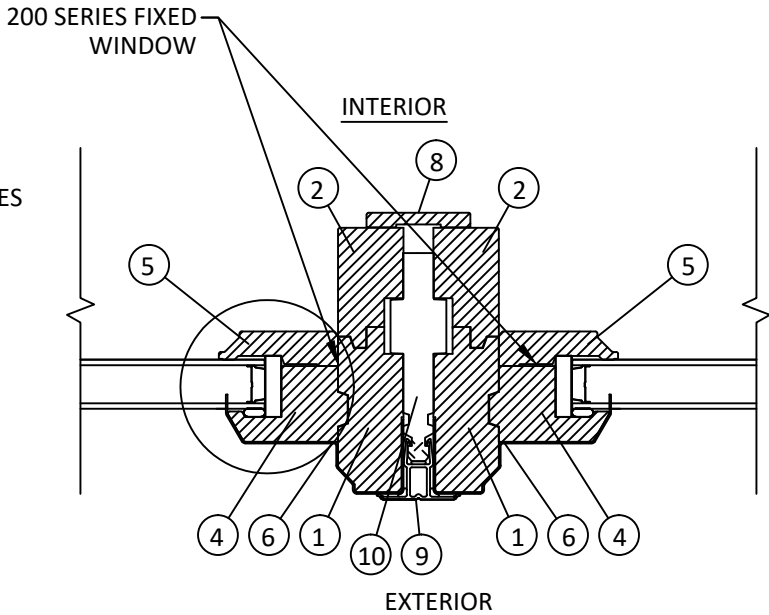
L - Mull Length (in)	W - Tributary Width (in)										
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	139.4	122.0	108.4	97.6
30.0	150.0	150.0	150.0	150.0	150.0	142.0	130.1	111.5	97.6	86.8	78.1
36.0	150.0	150.0	143.5	127.5	114.8	104.3	95.6	82.0	71.7	63.8	57.4
42.0	140.5	120.5	105.4	93.7	84.3	76.7	70.3	60.2	52.7	46.8	42.2
48.0	107.6	92.2	80.7	71.7	64.6	58.7	53.8	46.1	40.4	35.9	32.3
54.0	85.0	72.9	63.8	56.7	51.0	46.4	42.5	36.4	31.9	28.3	25.5
60.0	68.9	59.0	51.7	45.9	41.3	37.6	34.4	29.5	25.8	23.0	20.7
66.0	56.9	48.8	42.7	37.9	34.1	31.0	28.5	24.4	21.3	19.0	17.1
72.0	47.8	41.0	35.9	31.9	28.7	26.1	23.9	20.5	17.9	15.9	-
78.0	40.7	34.9	30.6	27.2	24.4	22.2	20.4	17.5	15.3	-	-
84.0	35.1	30.1	26.4	23.4	21.1	19.2	17.6	15.1	-	-	-
90.0	29.5	25.3	22.1	19.7	17.7	16.1	-	-	-	-	-
96.0	24.3	20.9	18.2	16.2	-	-	-	-	-	-	-

- NOTE:
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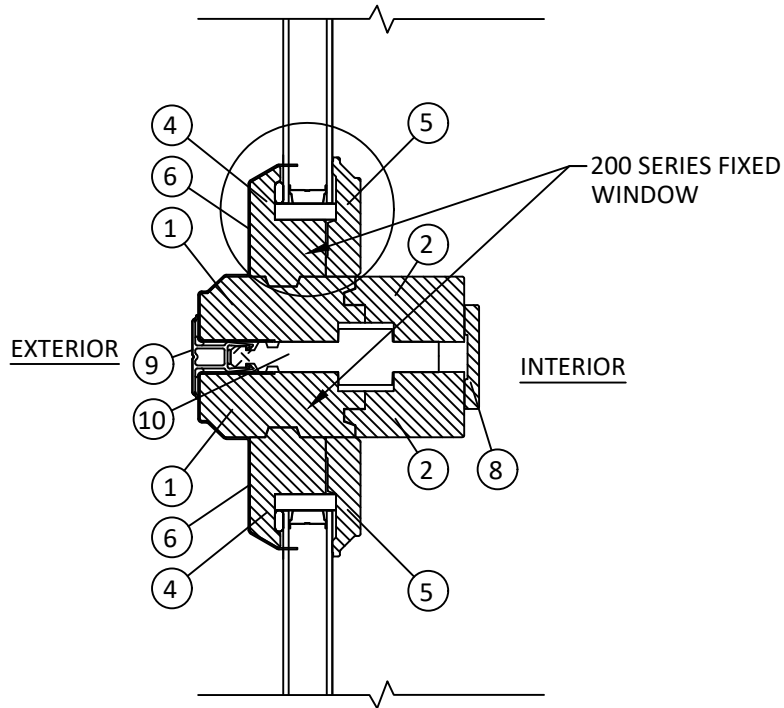
Q
9

FRONT VIEW
MULLION ANCHOR DETAIL
V-NOTCH GUSSET



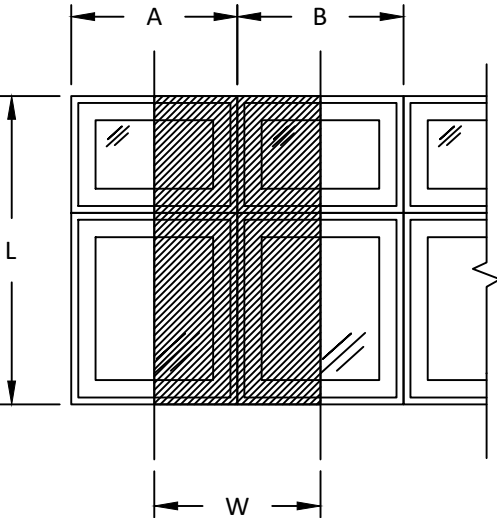
R
9

HORIZONTAL SECTION
FX/CT - FX

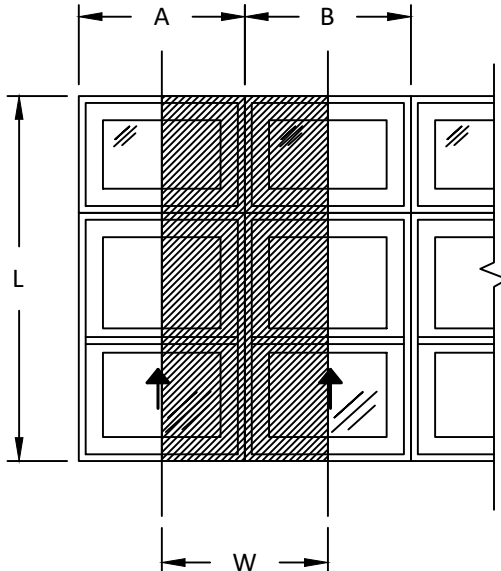


S
9

VERTICAL SECTION
FX/CT - FX



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



ELEVATION F
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: 200 SERIES FIXED WINDOW
(NON-HVHZ)/(NON-IMPACT)

FX/CT - FX MULL TABLE (TWO-WAY)

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE
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7TH FBC CODE CHANGE	SR	3.20.20
8TH FBC CODE CHANGE	SH	5.25.23

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

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398 E. DANIA BEACH BLVD., # 338
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FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL15905

DATE: **08.15.17**

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

SCALE: **NTS**

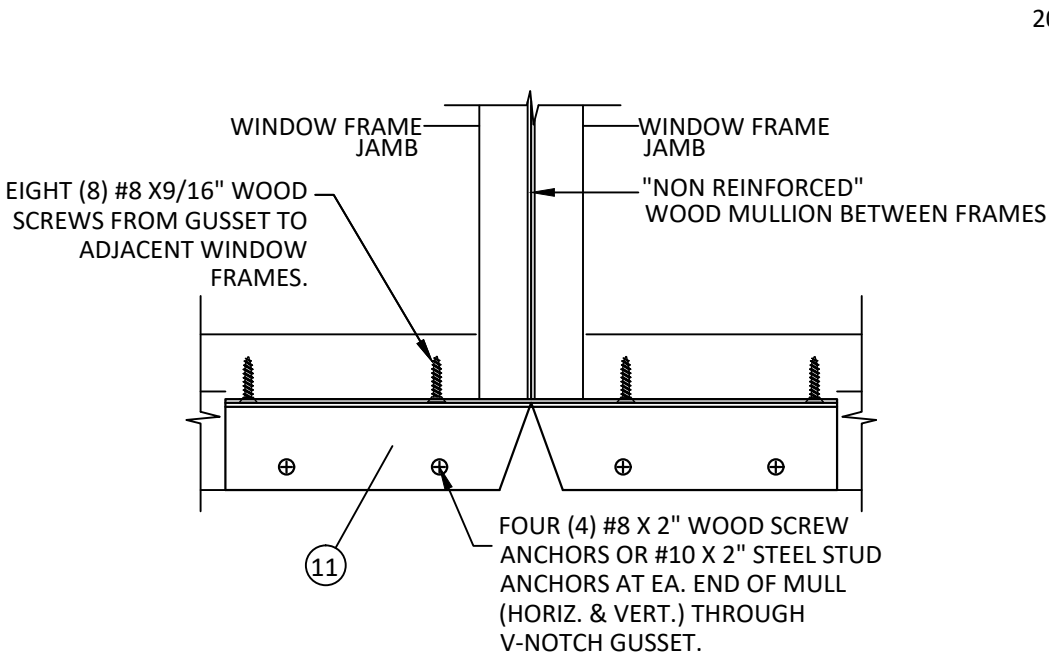
DWG. #: **AWD137**

SHEET:

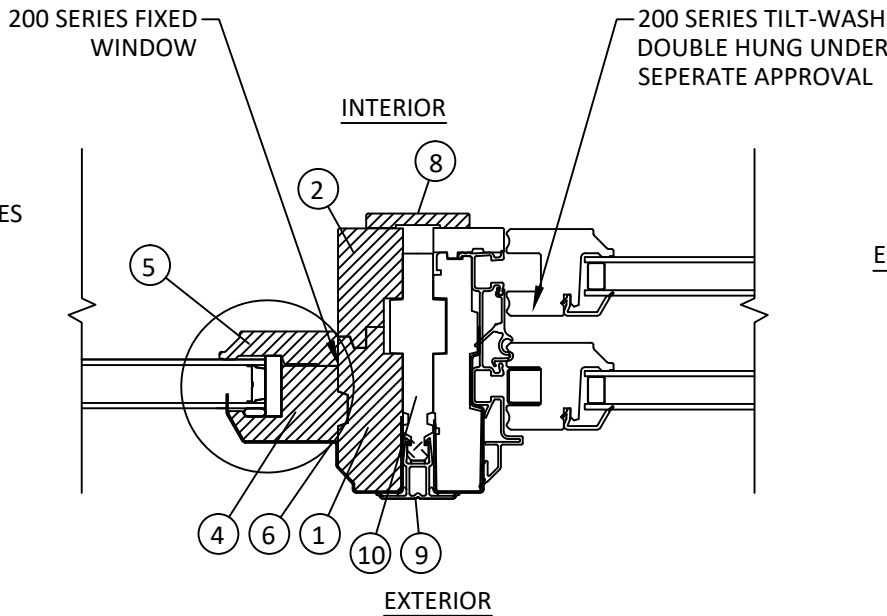
Maximum Design Pressure Capacity Chart (psf)
FX - DH Two-Way Mullions

L - Mull Length (in)	W - Tributary Width (in)										
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	139.4	122.0	108.4	97.6
30.0	150.0	150.0	150.0	150.0	150.0	142.0	130.1	111.5	97.6	86.8	78.1
36.0	150.0	150.0	150.0	144.6	130.1	118.3	108.4	93.0	81.3	72.3	65.1
42.0	150.0	150.0	139.4	123.9	111.5	101.4	93.0	79.7	69.7	62.0	55.8
48.0	144.4	123.7	108.3	96.2	86.6	78.7	72.2	61.9	54.1	48.1	43.3
54.0	114.1	97.8	85.6	76.0	68.4	62.2	57.0	48.9	42.8	38.0	34.2
60.0	92.4	79.2	69.3	61.6	55.4	50.4	46.2	39.6	34.6	30.8	27.7
66.0	76.4	65.5	57.3	50.9	45.8	41.7	38.2	32.7	28.6	25.5	22.9
72.0	64.2	55.0	48.1	42.8	38.5	35.0	32.1	27.5	24.1	21.4	19.2
78.0	54.7	46.9	41.0	36.4	32.8	29.8	27.3	23.4	20.5	18.2	16.4
84.0	47.1	40.4	35.4	31.4	28.3	25.7	23.6	20.2	17.7	15.7	-
90.0	41.1	35.2	30.8	27.4	24.6	22.4	20.5	17.6	15.4	-	-
96.0	36.1	30.9	27.1	24.1	21.7	19.7	18.0	15.5	-	-	-

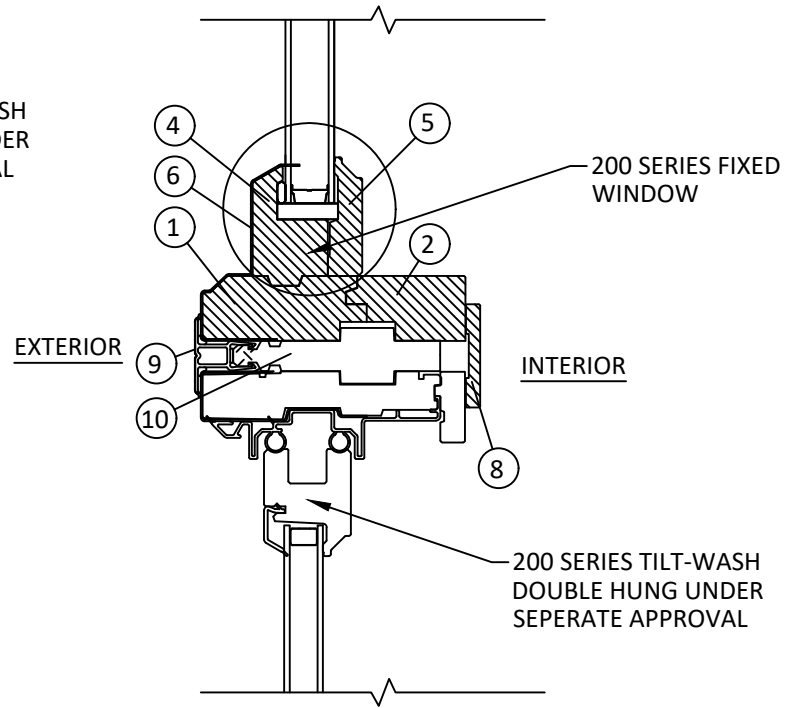
- NOTE:
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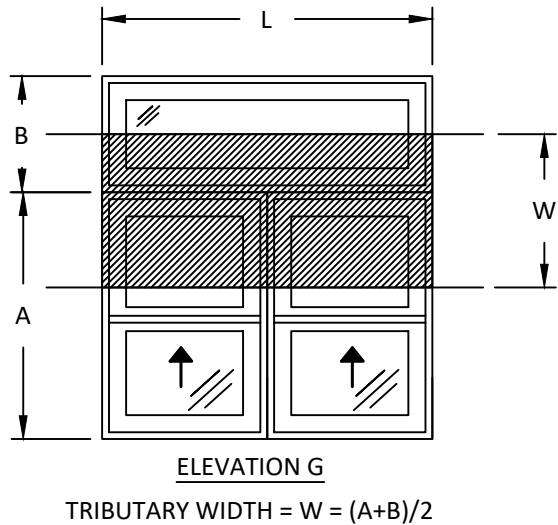
T
10
FRONT VIEW
MULLION ANCHOR DETAIL
V-NOTCH GUSSET



U
10
HORIZONTAL SECTION
FX - DH



V
10
VERTICAL SECTION
FX - DH



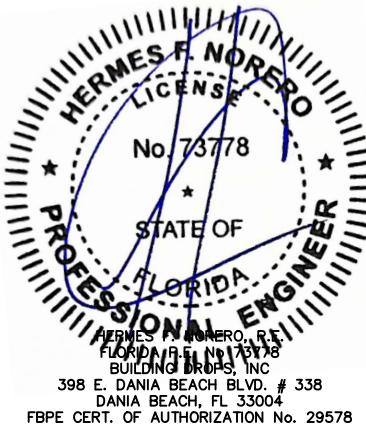
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: 200 SERIES FIXED WINDOW
(NON-HVHZ)/(NON-IMPACT)
FX - DH MULL TABLE (TWO-WAY)

PREPARED BY:
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SCALE:	NTS
DWG. #:	AWD137
SHEET:	10
	OF 10