

HORIZONTAL SLIDER - NON IMPACT

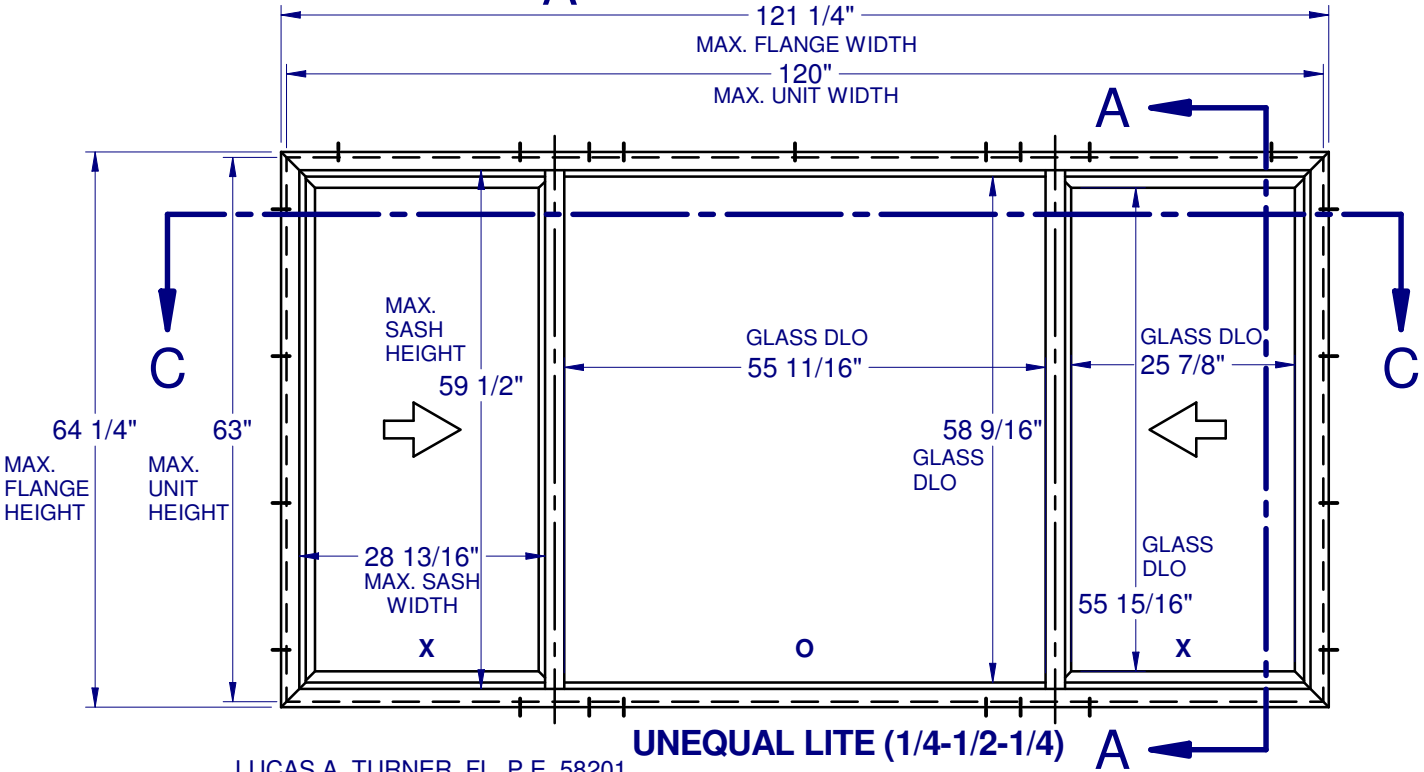
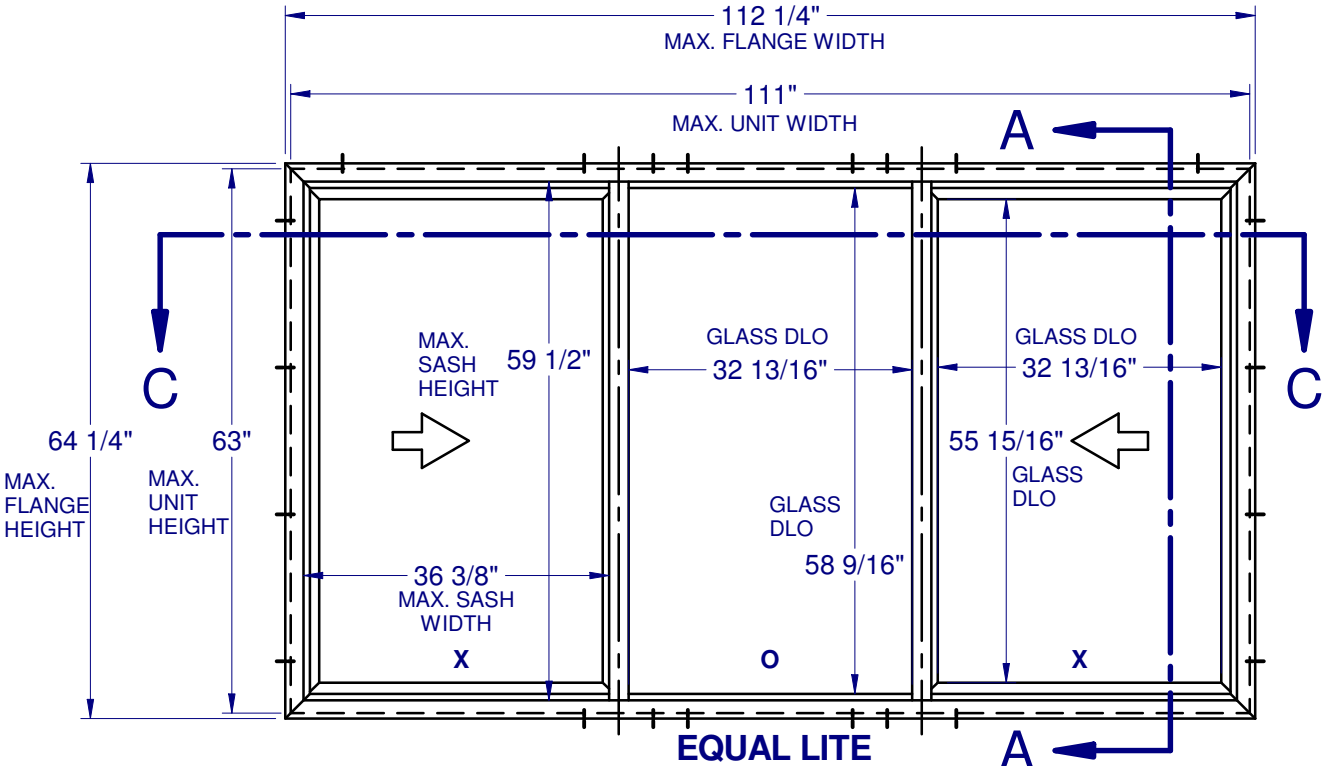
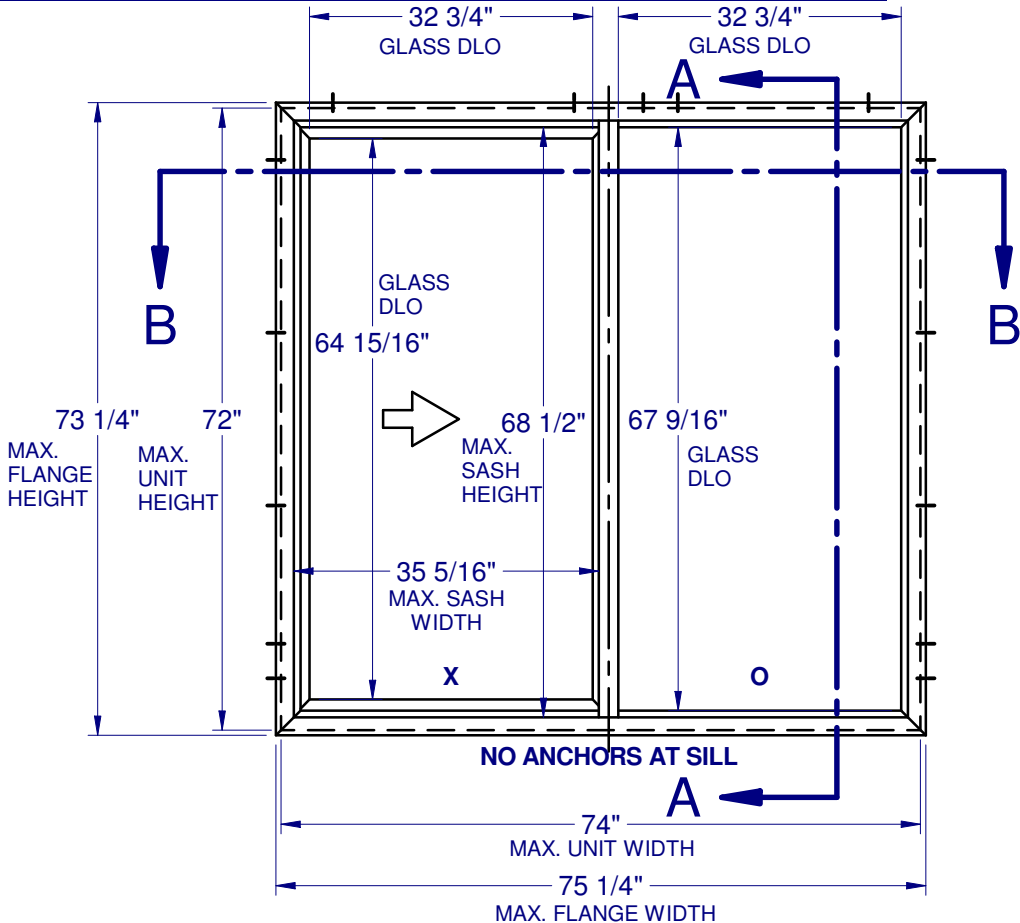


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MAX. UNIT FLANGE WINDOW SIZE	DESIGN PRESSURE	SILL RISER	IMPACT RATING
74" x 72" XO	+30.0 / -30.0 PSF	NONE	NONE
111" x 63" XO X	+40.0 / -40.0 PSF	1/2" SILL RISER	NONE
120" x 63" XO X	+35.0 / -35.0 PSF	NONE	NONE

GENERAL NOTES:

- 1.) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC),CURRENT EDITION INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2.) GLAZING OPTIONS: (SEE SHT. 4)
- 3.) CONFIGURATIONS: XO, OX, XOX
- 4.) DESIGN PRESSURE RATING:

-NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04/09.

-POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER INFILTRATIONTEST RESSURE AND ASTM E-1300-04/09.
- 5.) ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 11 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 6.) NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WINDBORNE DEBRIS REGION.
- 7.) ALL FRAMES AND VENTS FULLY WELDED. SMALL JOINT SEALANT USED AT FIXED MEETING RAIL AND JAMB.
- 8.) SERIES / MODEL DESIGNATION: HS-1200.
- 9.) THE DESIGNATION "X" OR "O" STAND FOR THE FOLLOWING:

"X" = OPERABLE SASH, "O" = FIXED.
- 10.) SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.

Lucas Turner
2020.10.01
17:46:22 -05'00'



LUCAS A. TURNER, FL. P.E. 58201

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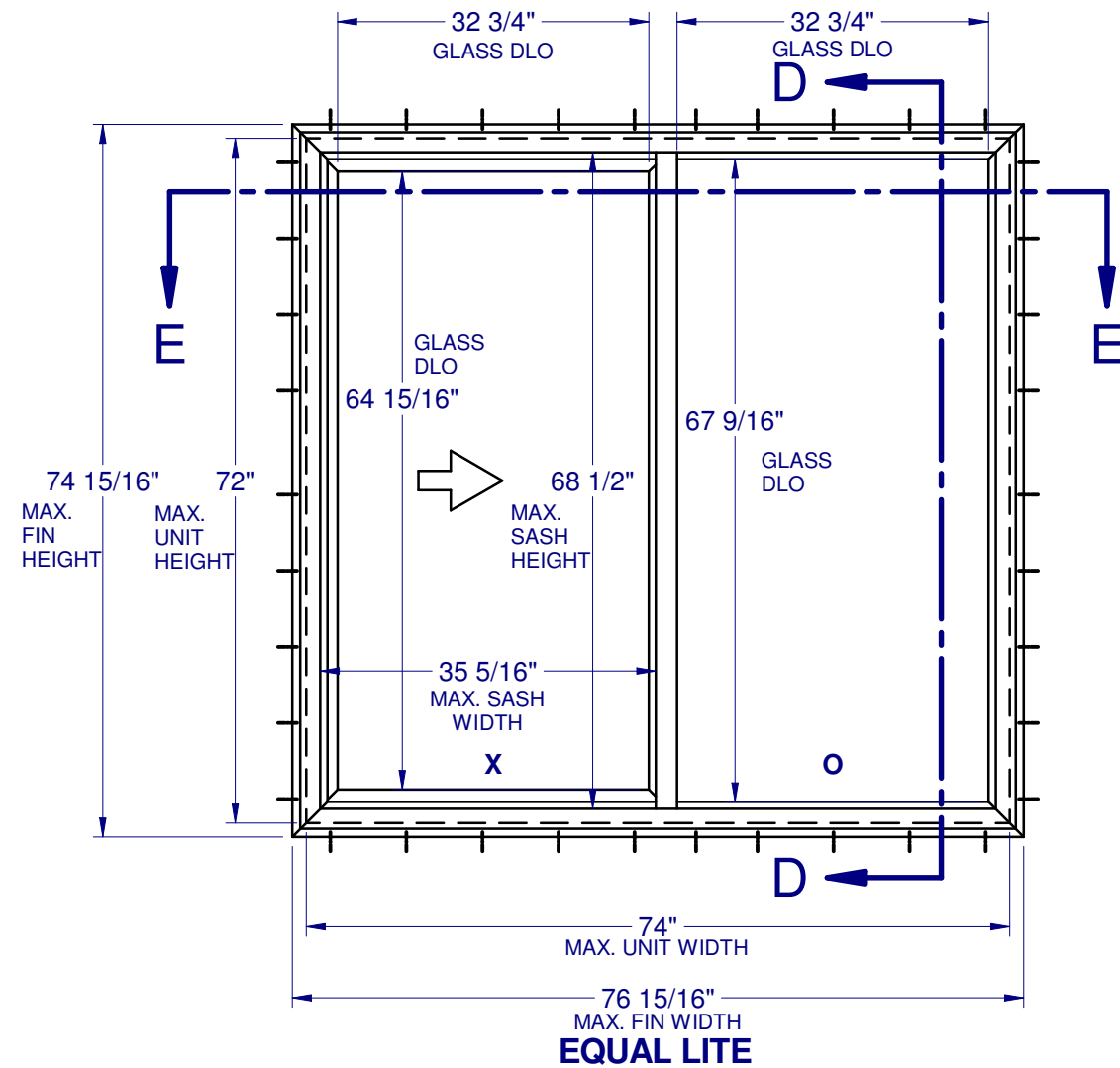
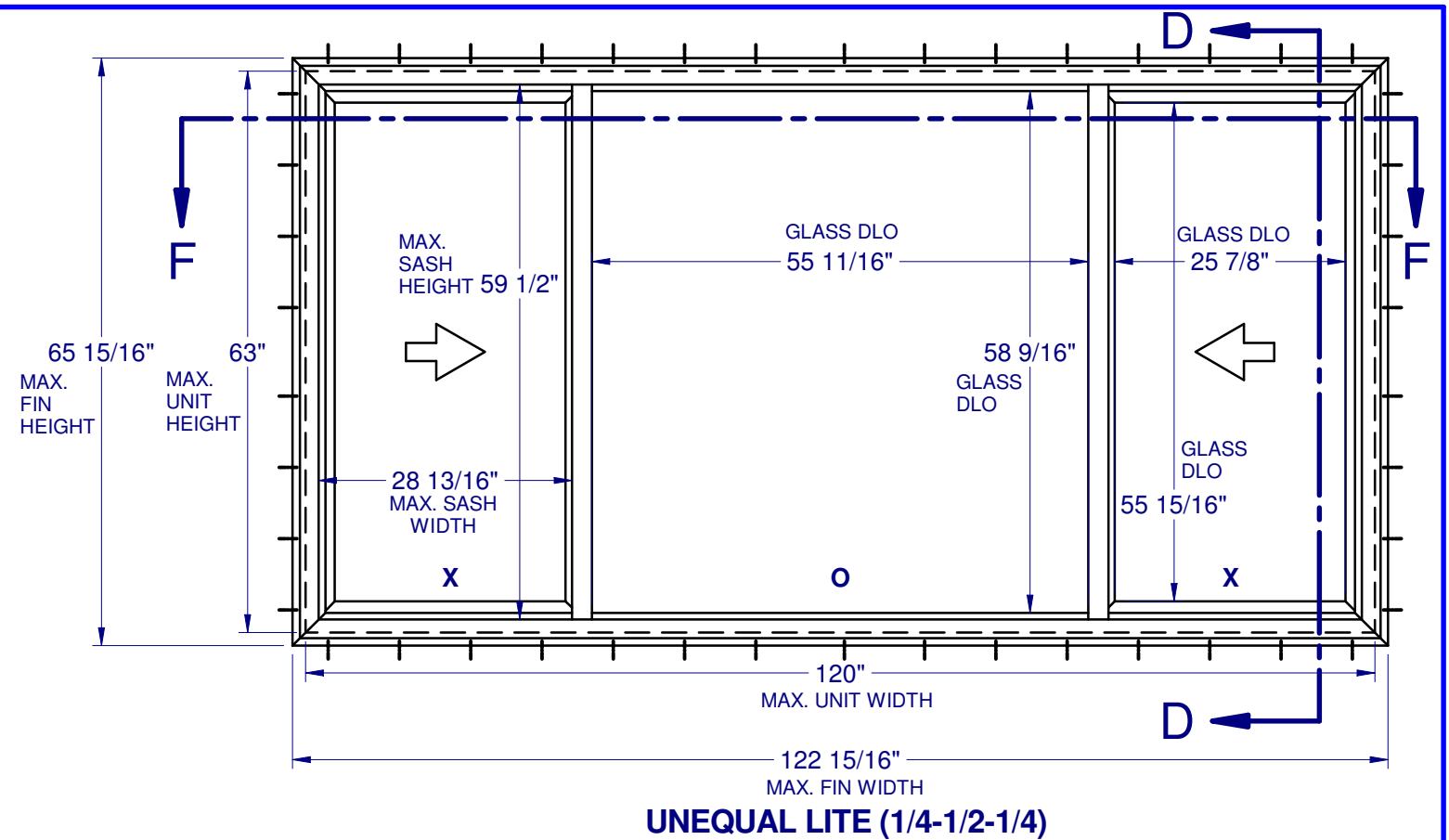
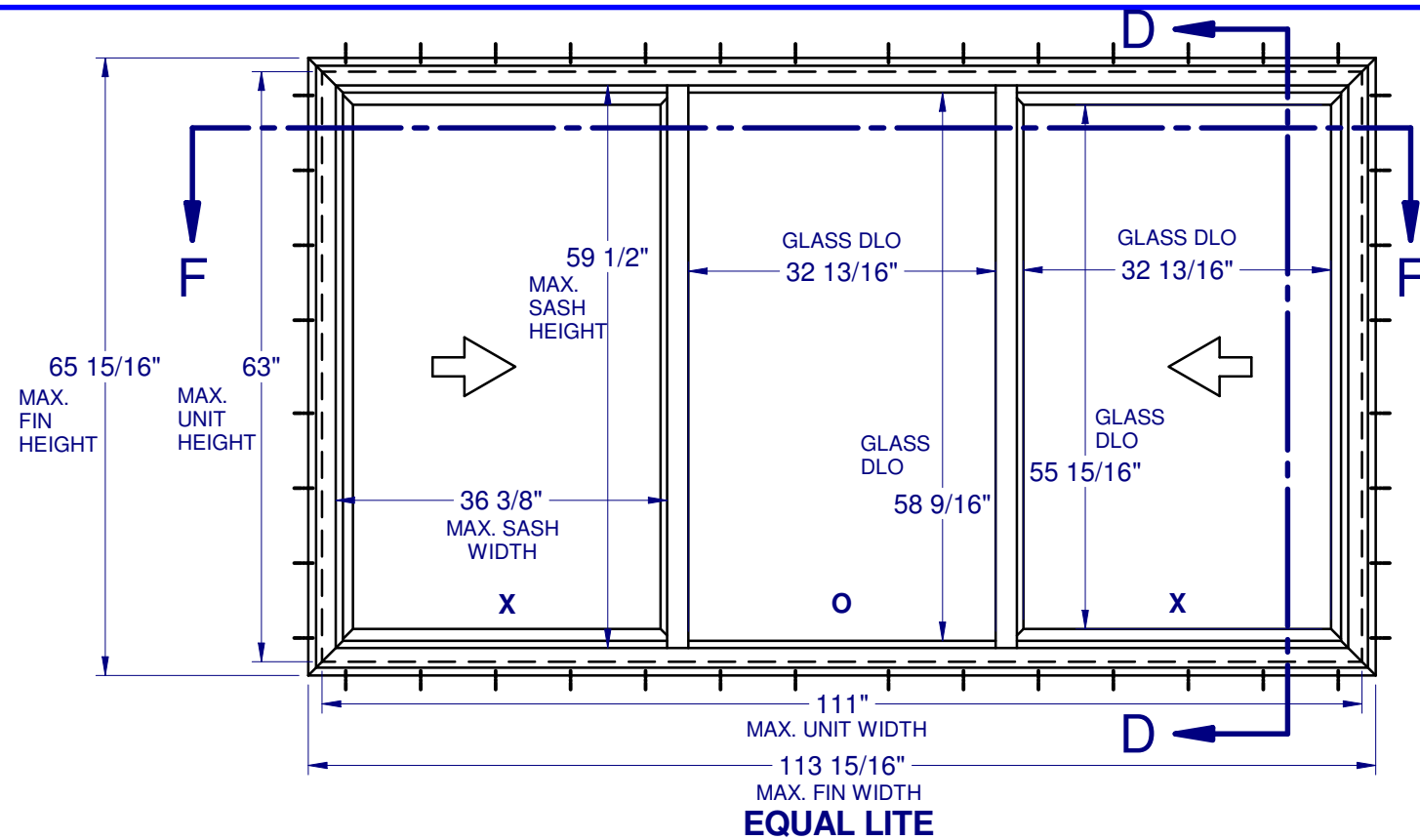
10/1/2020
Lucas A. Turner, FLPE #58201
Turner Eng. & Cons., Inc.
FBPE COA #29779
2428 Old Natchez Trc. Trl.
Camden, TN 38320
Ph. 941-380-1574



8501 N. W. 90th Street
Medley, FL 33166

TITLE: GENERAL NOTES & FLANGE ELEVATIONS

SERIES: HS-1200	DRAWN BY: JML	DATE: 05/29/2019
MODEL:	SCALE: N.T.S.	DWG. NO. L-1200-1901
	REV. LETTER:	SHEET SHT 1 of 11



MAX. UNIT FIN WINDOW SIZE	DESIGN PRESSURE	SILL RISER	IMPACT RATING
74" x 72" XO	+30.0 / -30.0 PSF	NONE	NONE
111" x 63" XO X	+35.0 / -35.0 PSF	1/2" SILL RISER	NONE
120" x 63" XO X	+35.0 / -35.0 PSF	NONE	NONE

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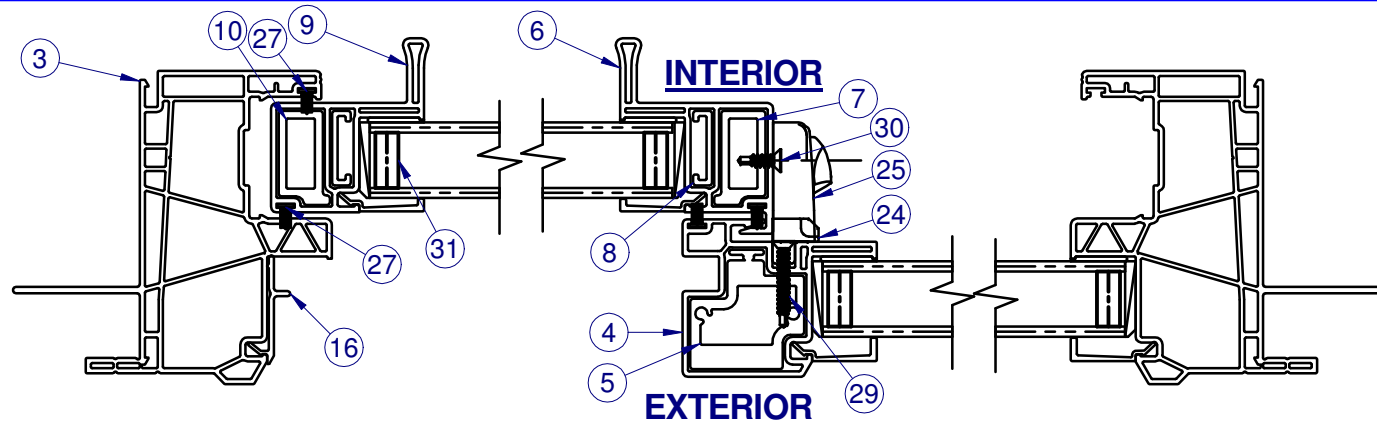
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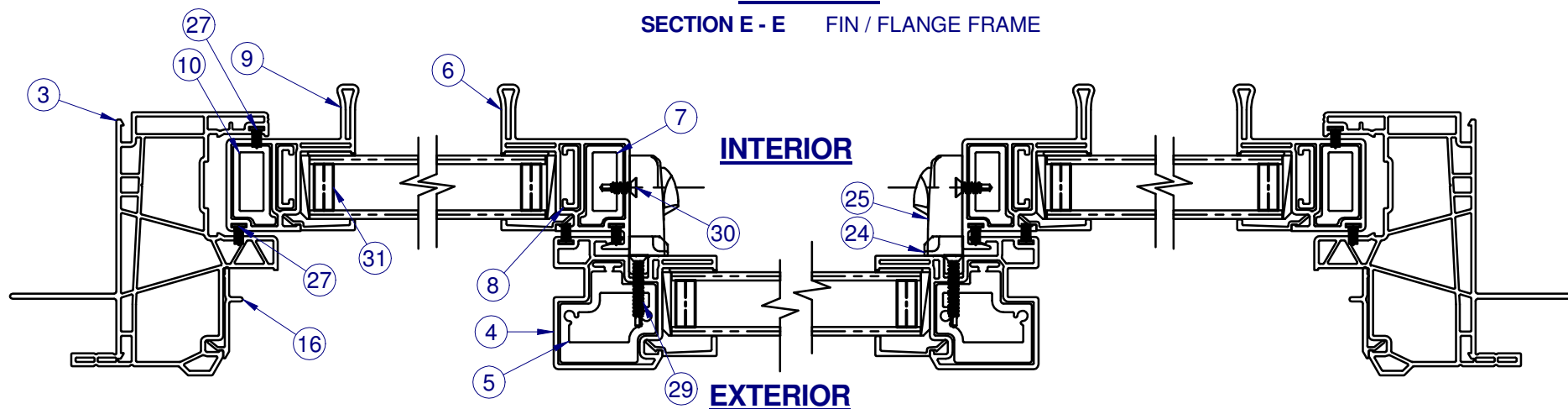
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TITLE: NAILING FIN ELEVATIONS

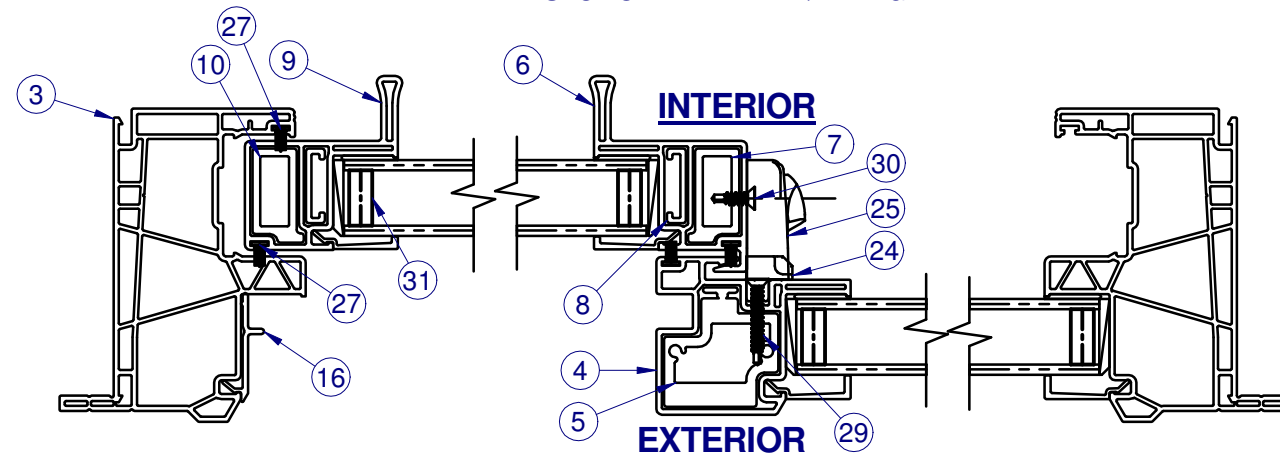
SERIES: HS-1200	DRAWN BY: JML	DATE: 05/29/2019
MODEL:	SCALE: N.T.S.	DWG. NO. L-1200-1901
	REV. LETTER:	SHEET SHT 2 of 11



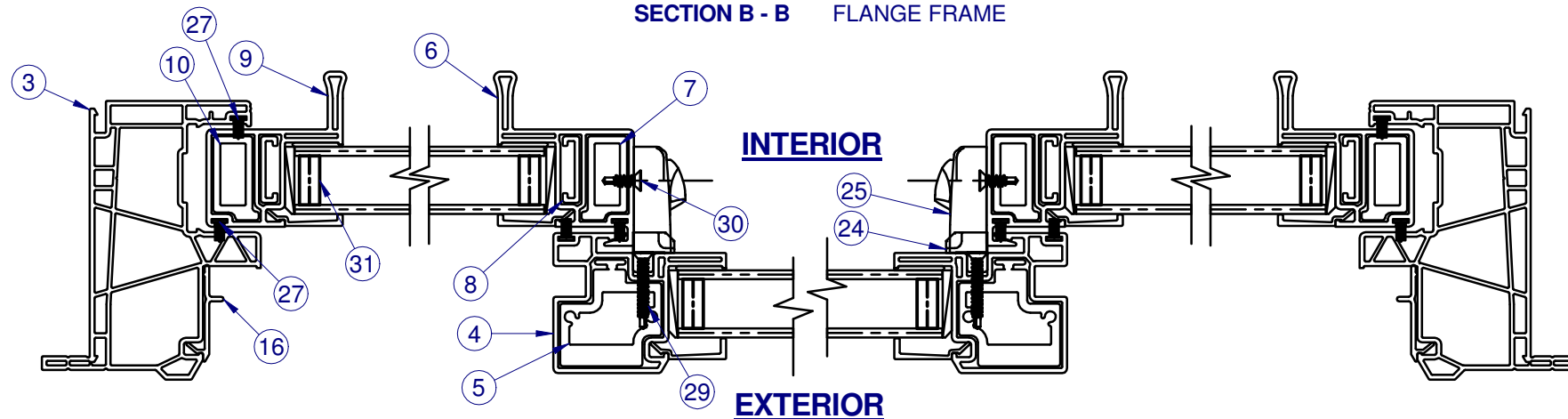
SECTION E - E FIN / FLANGE FRAME



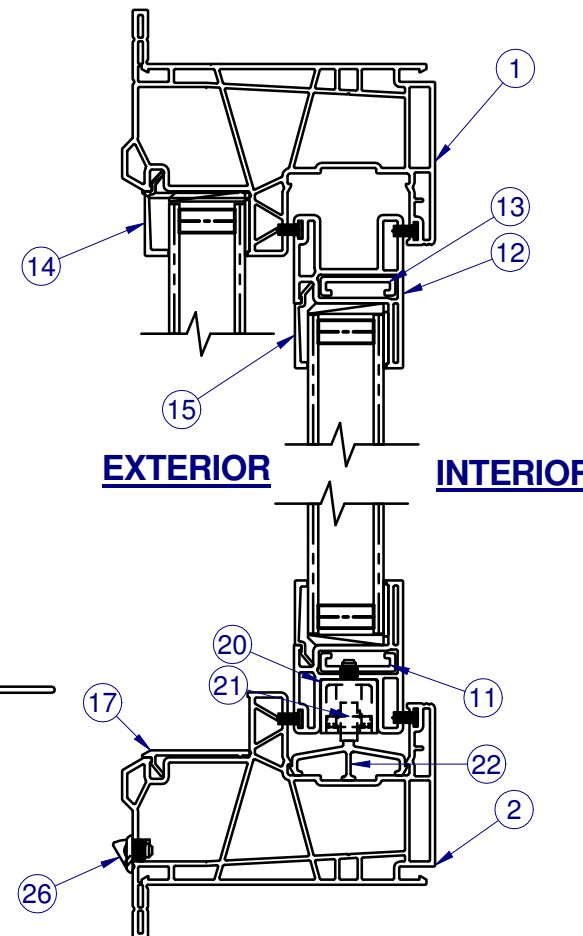
SECTION F - F FIN / FLANGE FRAME



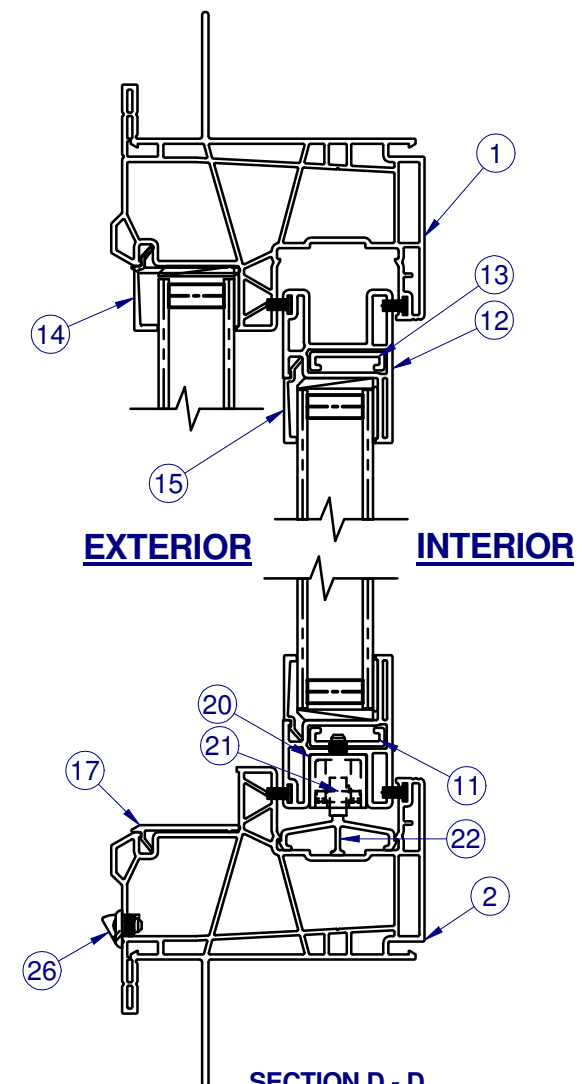
SECTION B - B FLANGE FRAME



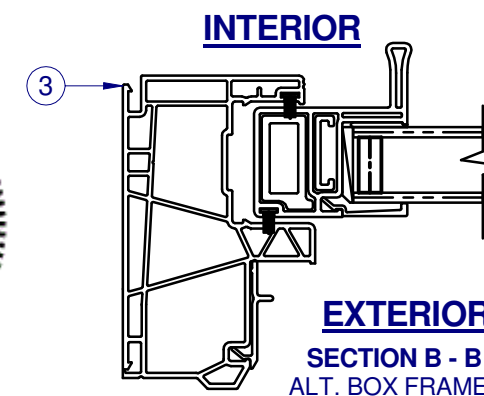
SECTION C - C FLANGE FRAME



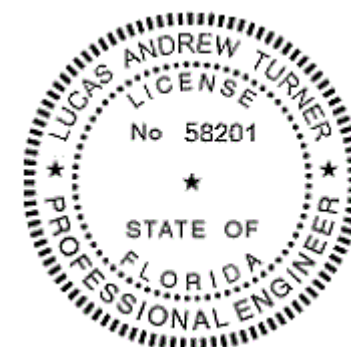
SECTION A - A
FLANGE FRAME



SECTION D - D
FIN / FLANGE FRAME



SECTION B - B
ALT. BOX FRAME



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8501 N. W. 90th Street
Medley, FL 33166

TITLE: SECTION VIEWS

SERIES: HS-1200

DRAWN BY: JML

DATE: 05/29/2019

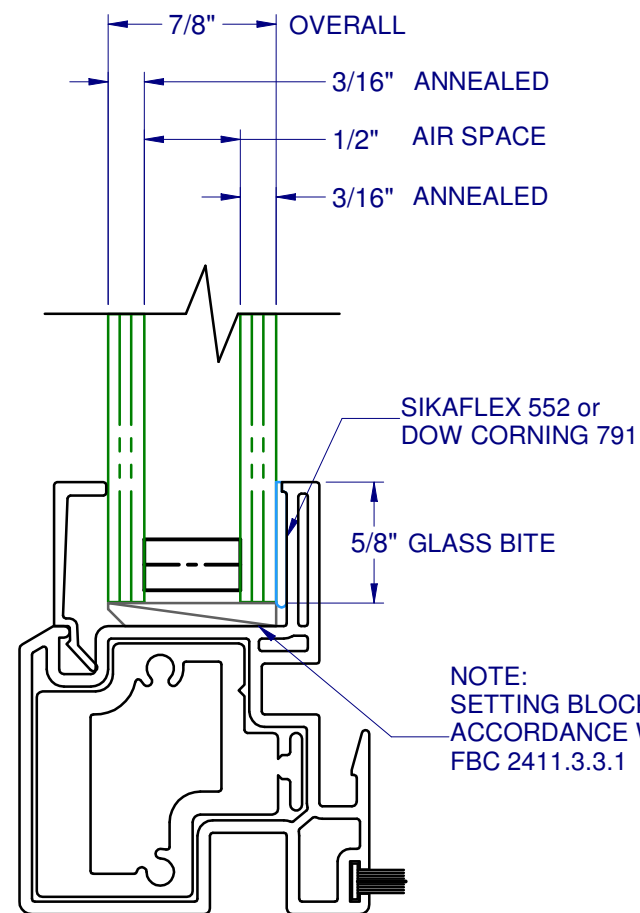
MODEL:

SCALE: N.T.S.

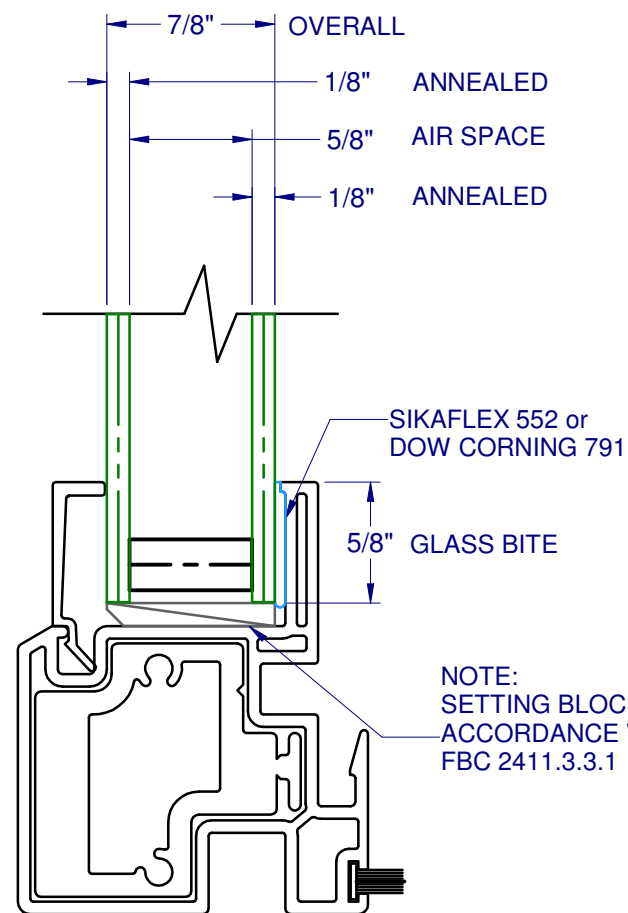
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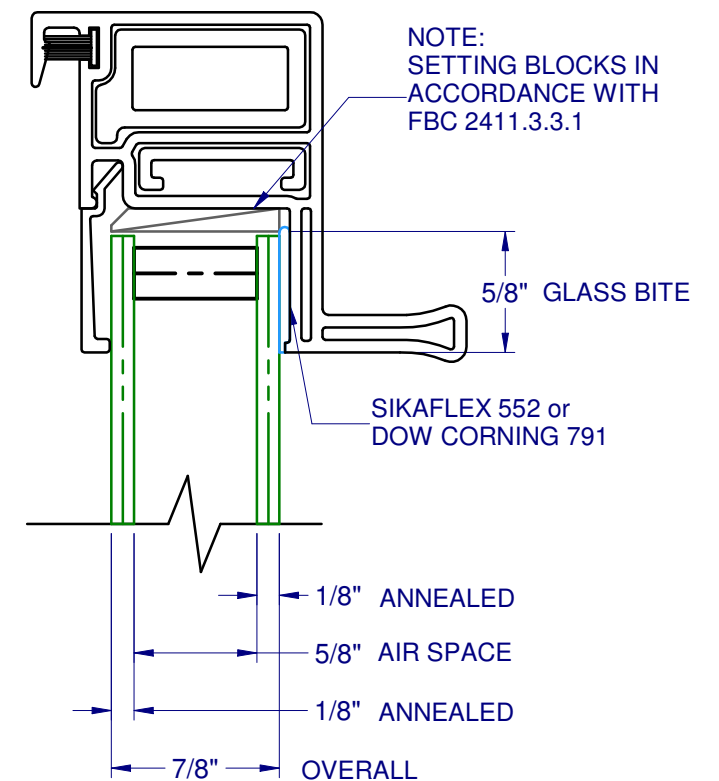
SHEET SHT 3 of 11



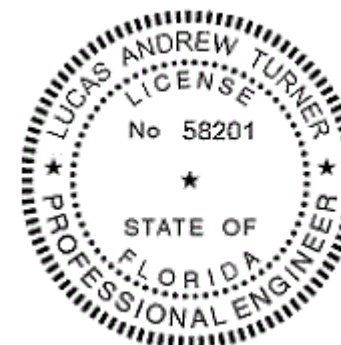
GLASS TYPE A
FIXED LITE



GLASS TYPE B
FIXED LITE

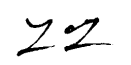


GLASS TYPE C
SASH LITE



LUCAS A. TURNER, FL. P.E. 58201

MAX. UNIT SIZE	DESIGN PRESSURE RATING	FIXED GLASS TYPE	SASH GLASS TYPE
74" x 72" XO	+30.0 / -30.0 PSF	B	C
111" x 63" XO X (FLG.)	+40.0 / -40.0 PSF	B	C
111" x 63" XO X (FIN)	+35.0 / -35.0 PSF	B	C
120" x 63" XO X	+35.0 / -35.0 PSF	A	C


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8501 N. W. 90th Street
Medley, FL 33166

TITLE: GLAZING DETAILS

SERIES: HS-1200

DRAWN BY: JML

DATE: 05/29/2019

MODEL:

SCALE: N.T.S.

DWG. NO. L-1200-1901

REV. LETTER:

SHEET SHT 4 of 11

DESIGN PRESSURES FOR UNEQUAL SPLIT "XOX" (120" x 63") CONFIGURATION WITH GLASS TYPE A (FIXED) AND GLASS TYPE C (SASH),											
BUCK	BUCK WIDTH										
HEIGHT	52.125	59.000	71.000	73.000	78.500	83.000	95.000	105.375	107.000	111.000	120.000
24.000	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-55.9	+40.0/-46.1	+40.0/-44.9	+40.0/-42.1	+37.0/-37.0
26.000	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-55.8	+40.0/-45.5	+40.0/-44.2	+40.0/-41.3	+36.0/-36.0
36.000	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-55.8	+40.0/-45.4	+40.0/-44.0	+40.0/-40.9	+35.0/-35.0
38.375	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-70.0	+40.0/-55.8	+40.0/-45.4	+40.0/-44.0	+40.0/-40.9	+35.0/-35.0
48.000	+40.0/-70.0	+40.0/-70.0	+40.0/-69.8	+40.0/-68.8	+40.0/-66.3	+40.0/-64.7	+40.0/-55.8	+40.0/-45.4	+40.0/-44.0	+40.0/-40.9	+35.0/-35.0
50.625	+40.0/-70.0	+40.0/-70.0	+40.0/-64.5	+40.0/-63.5	+40.0/-61.1	+40.0/-59.5	+40.0/-55.8	+40.0/-45.4	+40.0/-44.0	+40.0/-40.9	+35.0/-35.0
60.000	+40.0/-63.6	+40.0/-57.9	+40.0/-50.8	+40.0/-49.9	+40.0/-47.7	+40.0/-46.1	+40.0/-42.8	+40.0/-40.9	+40.0/-40.6	+40.0/-40.1	+35.0/-35.0
63.000	+40.0/-58.7	+40.0/-53.3	+40.0/-46.6	+40.0/-45.7	+40.0/-43.6	+40.0/-42.1	+38.9/-38.9	+36.9/-36.9	+36.6/-36.6	+36.1/-36.1	+35.0/-35.0

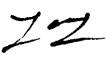
DESIGN PRESSURES FOR EQUAL SPLIT "XOX" (111" x 63") CONFIGURATION WITH GLASS TYPE B (FIXED) AND GLASS TYPE C (SASH), FLANGE										
BUCK	BUCK WIDTH									
HEIGHT	52.125	59.000	71.000	73.000	78.500	83.000	95.000	105.375	107.000	111.000
23.000	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-73.6	+45.0/-59.0	+45.0/-50.4	+45.0/-49.3	+45.0/-46.7
25.000	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-72.2	+45.0/-57.1	+45.0/-48.4	+45.0/-47.3	+44.7/-44.7
35.000	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-71.5	+45.0/-54.6	+44.4/-44.4	+43.1/-43.1	+40.1/-40.1
37.375	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-80.0	+45.0/-71.5	+45.0/-54.6	+44.4/-44.4	+43.0/-43.0	+40.0/-40.0
47.000	+45.0/-80.0	+45.0/-80.0	+45.0/-79.1	+45.0/-77.7	+45.0/-74.2	+45.0/-71.5	+45.0/-54.6	+44.4/-44.4	+43.0/-43.0	+40.0/-40.0
49.625	+45.0/-80.0	+45.0/-80.0	+45.0/-73.6	+45.0/-72.3	+45.0/-68.9	+45.0/-66.5	+45.0/-54.6	+44.4/-44.4	+43.0/-43.0	+40.0/-40.0
59.000	+45.0/-75.3	+45.0/-68.1	+45.0/-59.0	+45.0/-57.8	+45.0/-54.8	+45.0/-52.7	+45.0/-48.2	+44.4/-44.4	+43.0/-43.0	+40.0/-40.0
63.000	+45.0/-69.8	+45.0/-63.0	+45.0/-54.4	+45.0/-53.2	+45.0/-50.4	+45.0/-48.4	+44.1/-44.1	+41.3/-41.3	+40.9/-40.9	+40.0/-40.0

DESIGN PRESSURES FOR EQUAL SPLIT "XOX" (111" x 63") CONFIGURATION WITH GLASS TYPE B (FIXED) AND GLASS TYPE C (SASH), FIN										
BUCK	BUCK WIDTH									
HEIGHT	52.125	59.000	71.000	73.000	78.500	83.000	95.000	105.375	107.000	111.000
23.000	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-64.4	+45.0/-51.7	+44.1/-44.1	+43.1/-43.1	+40.8/-40.8
25.000	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-63.2	+45.0/-50.0	+42.4/-42.4	+41.4/-41.4	+39.1/-39.1
35.000	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-62.6	+45.0/-47.8	+38.8/-38.8	+37.7/-37.7	+35.1/-35.1
37.375	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-70.0	+45.0/-62.6	+45.0/-47.8	+38.8/-38.8	+37.7/-37.7	+35.0/-35.0
47.000	+45.0/-70.0	+45.0/-70.0	+45.0/-69.2	+45.0/-68.0	+45.0/-64.9	+45.0/-62.6	+45.0/-47.8	+38.8/-38.8	+37.7/-37.7	+35.0/-35.0
49.625	+45.0/-70.0	+45.0/-70.0	+45.0/-64.4	+45.0/-63.2	+45.0/-60.3	+45.0/-58.2	+45.0/-47.8	+38.8/-38.8	+37.7/-37.7	+35.0/-35.0
59.000	+45.0/-65.9	+45.0/-59.6	+45.0/-51.6	+45.0/-50.6	+45.0/-48.0	+45.0/-46.1	+42.2/-42.2	+38.8/-38.8	+37.7/-37.7	+35.0/-35.0
63.000	+45.0/-61.1	+45.0/-55.1	+45.0/-47.6	+45.0/-46.6	+44.1/-44.1	+42.4/-42.4	+38.6/-38.6	+36.1/-36.1	+35.8/-35.8	+35.0/-35.0



DESIGN PRESSURES FOR EQUAL SPLIT "XO OR OX" (74" x 72") CONFIGURATION WITH GLASS TYPE B (FIXED) AND GLASS TYPE C (SASH)									
BUCK	BUCK WIDTH								
HEIGHT	23.000	25.500	35.000	36.000	47.000	52.125	59.000	72.000	74.000
23.000	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-49.6	+36.4/-36.4	+35.0/-35.0
25.000	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-48.3	+35.0/-35.0	+33.5/-33.5
35.000	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-47.2	+31.7/-31.7	+30.1/-30.1
37.375	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-47.2	+31.7/-31.7	+30.0/-30.0
47.000	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-47.2	+31.7/-31.7	+30.0/-30.0
49.625	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-47.2	+31.7/-31.7	+30.0/-30.0
59.000	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-53.5	+40.0/-49.6	+40.0/-45.5	+31.7/-31.7	+30.0/-30.0
63.000	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-60.0	+40.0/-49.3	+40.0/-45.6	+40.0/-41.7	+31.7/-31.7	+30.0/-30.0
72.000	+40.0/-60.0	+40.0/-60.0	+40.0/-53.7	+40.0/-52.4	+40.0/-41.9	+38.6/-38.6	+35.2/-35.2	+30.5/-30.5	+30.0/-30.0

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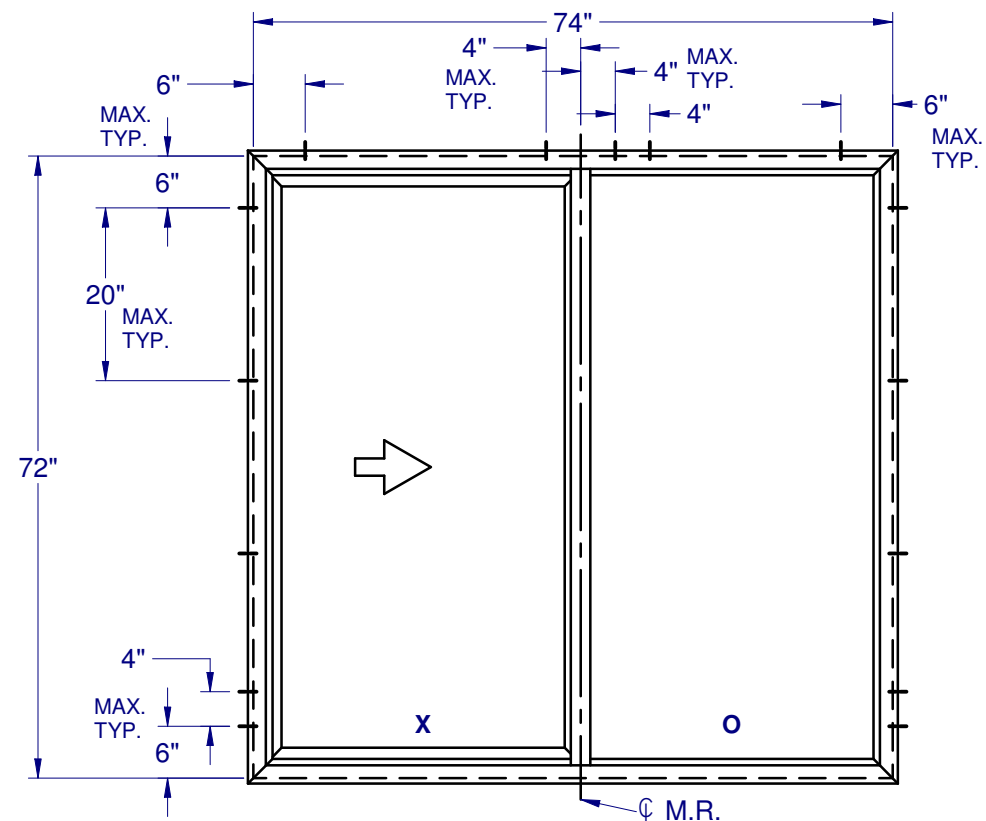
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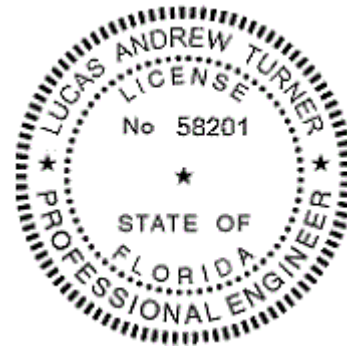
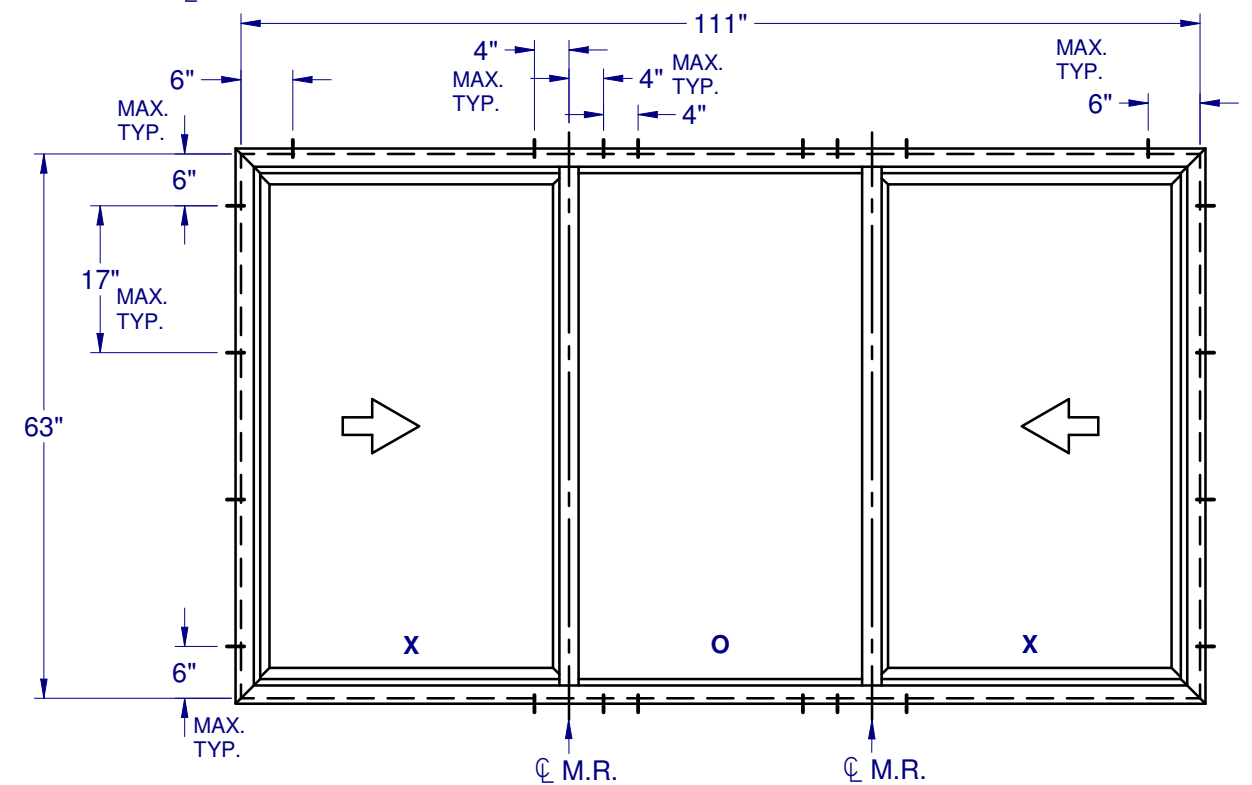
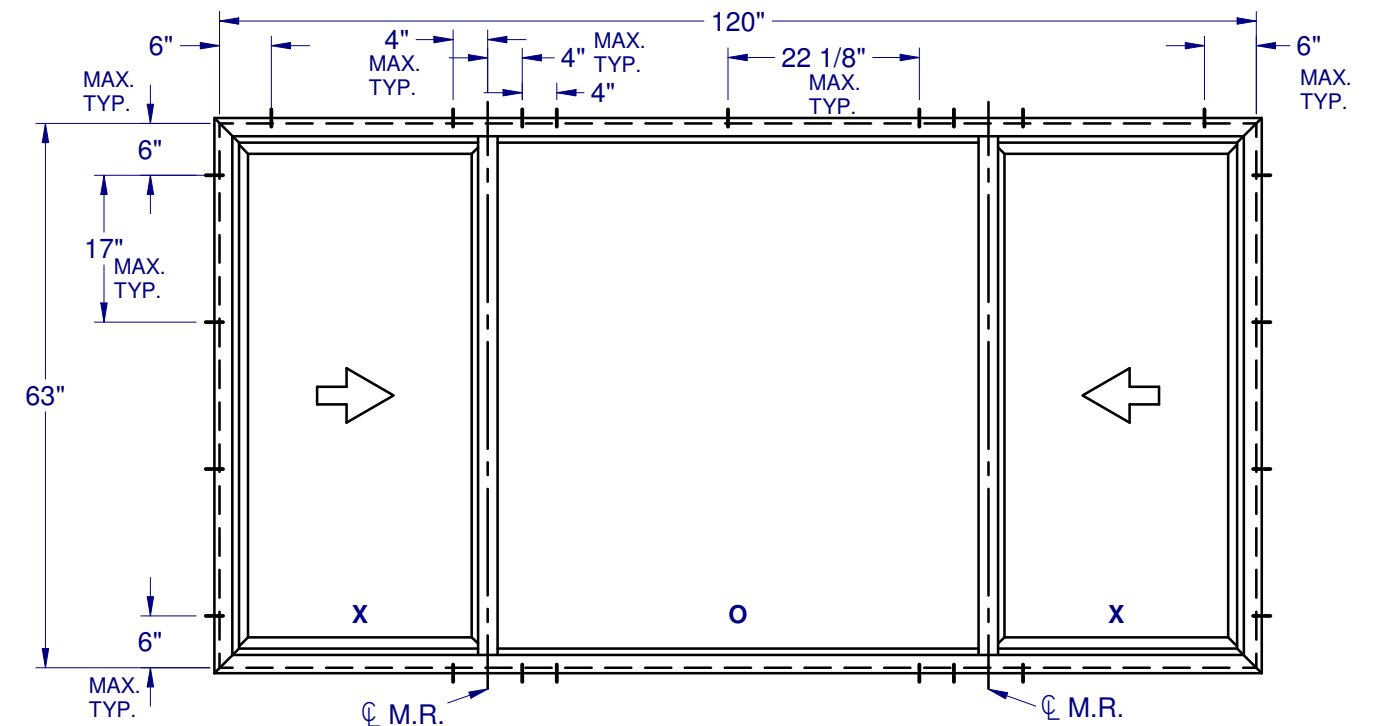
8501 N. W. 90th Street
Medley, FL 33166

TITLE: COMPARATIVE ANALYSIS CHART

SERIES: HS-1200	DRAWN BY: JML	DATE: 05/29/2019
MODEL:	SCALE: N.T.S.	DWG. NO. L-1200-1901
	REV. LETTER:	SHEET SHT 5 of 11



NO ANCHORS AT SILL



NOTES:

- 1.) INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. NO ANCHORS REQUIRED AT SILL ON XO OR OX.
- 2.) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE $\frac{1}{4}$ ".
USE SHIMS WHERE SPACE GREATER THAT $\frac{1}{16}$ " IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
- 3.) ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 11.
- 4.) ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
- 5.) INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 11.
- 6.) ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE / CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE. INSTALLATIONS INTO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE, BUT DO NOT REQUIRE 1X WOOD BUCKS BETWEEN THE PRODUCT AND THE SUBSTRATE. INSTALLATIONS INTO HOLLOW CMU REQUIRE THE USE OF 1X BUCKS BETWEEN THE PRODUCT AND SUBSTRATE.
- 7.) A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 3" FOR MASONRY, 1" FOR WOOD AND METAL.
- 8.) WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE 1, SHEET 11. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
- 9.) SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHER FOLLOWING THE CURRENT VERSION OF THE REFERENCED DOCUMENTS: FMA/AAMA 100 (FIN WINDOWS), FMA/AAMA 200 (FLANGE WINDOWS), FMA/WDMA 250 (BOX WINDOWS), FMA/AAMA/WDMA 300 (EXTERIOR DOORS).

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LAWSON
INDUSTRIES, INC.

8501 N. W. 90th Street
Medley, FL 33166

TITLE: ANCHOR SCHEDULE & NOTES, FLANGE & BOX

SERIES: HS-1200

DRAWN BY: JML

DATE: 05/29/2019

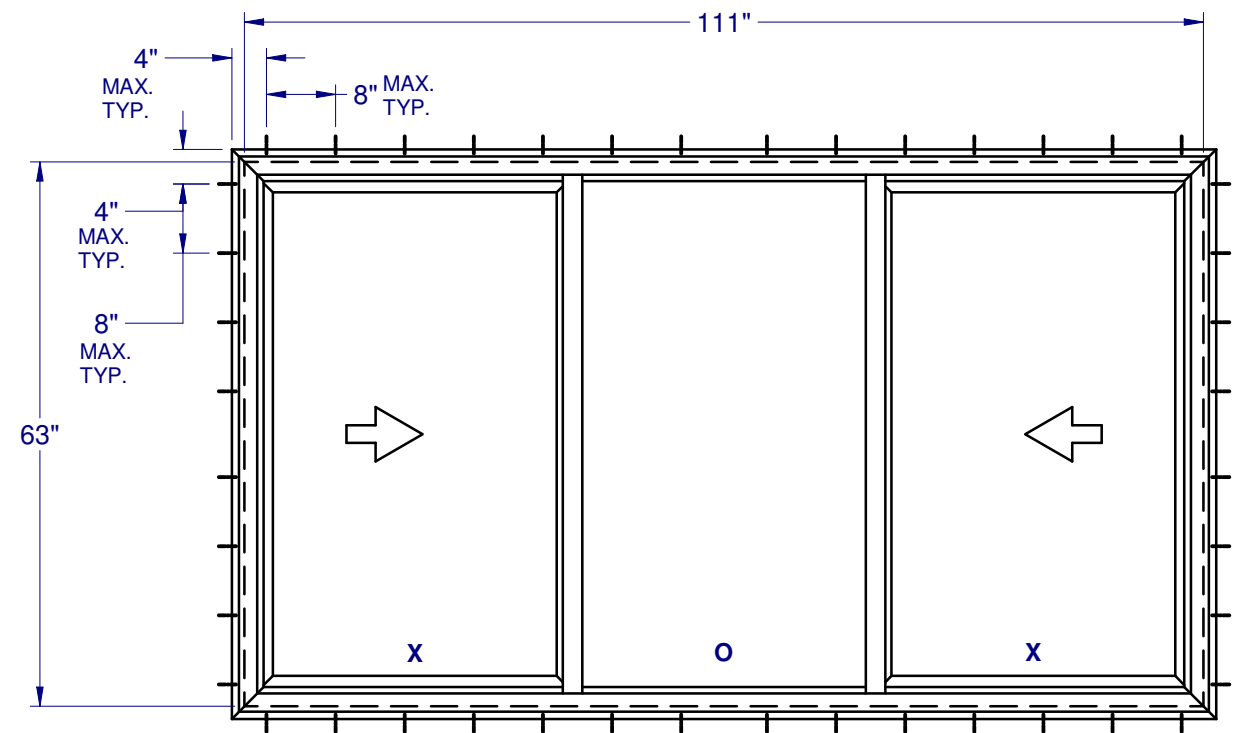
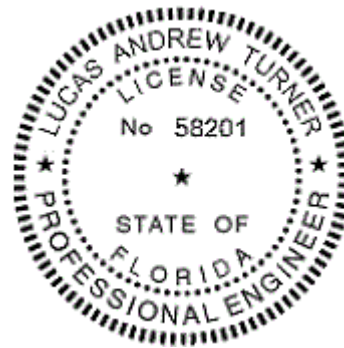
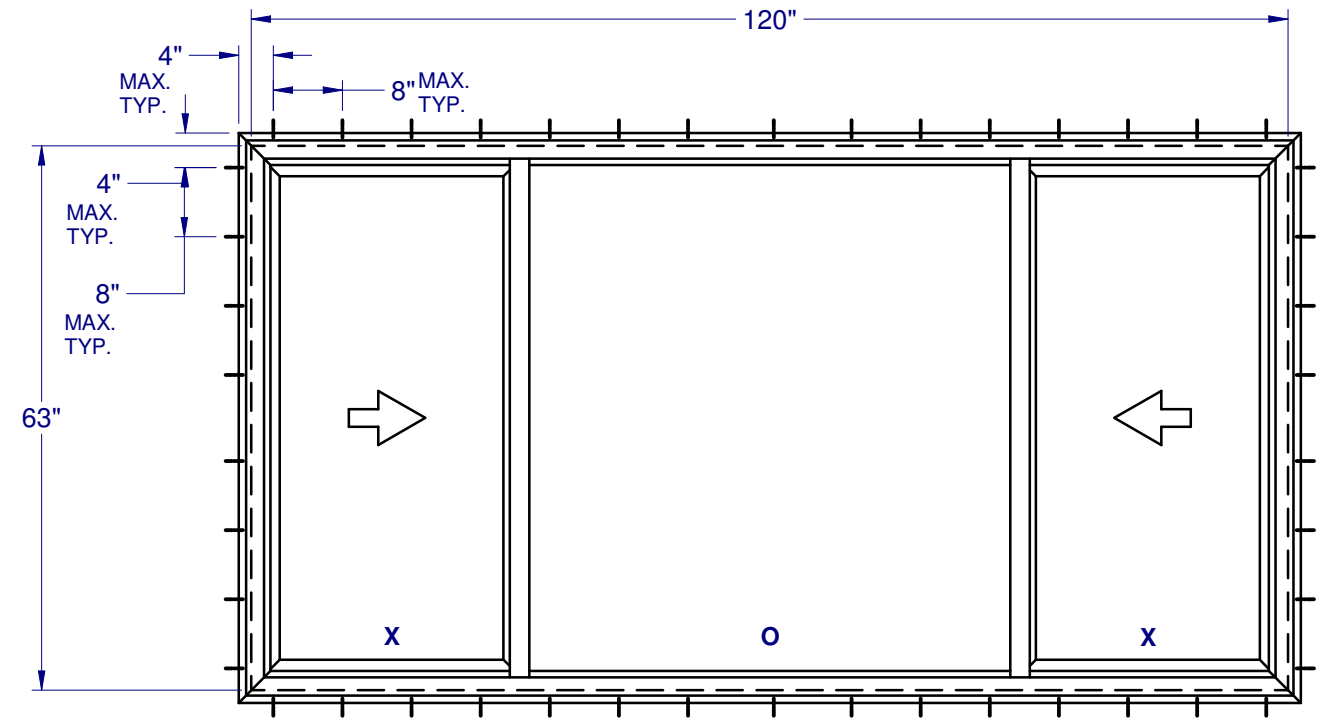
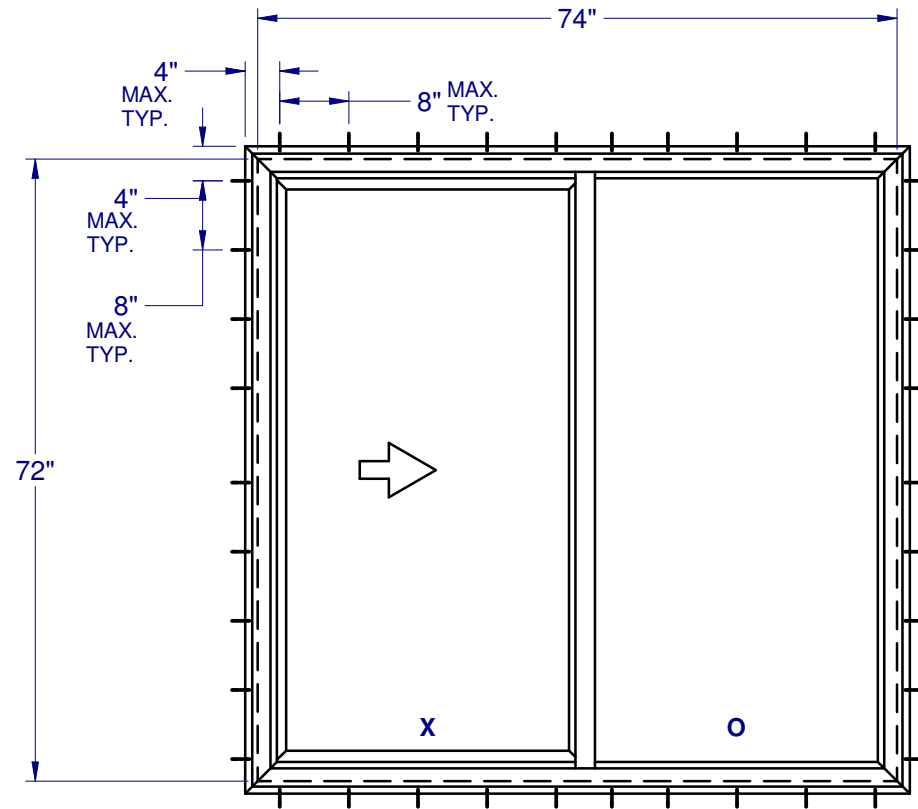
MODEL:

SCALE: N T S

DWG. NO. 10001001

REV. LETTER:

SHEET SHT 6 of 11



- NOTES:
- 1.) INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION.
 - 2.) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE $\frac{1}{4}$ ".
USE SHIMS WHERE SPACE GREATER THAT $\frac{1}{16}$ " IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
 - 3.) ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 11.
 - 4.) ALL INSTALLATIN ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
 - 5.) INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ACNHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 11.
 - 6.) ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE / CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE. INSTALLATIONS INTO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE, BUT DO NOT REQUIRE 1X WOOD BUCKS BETWEEN THE PRODUCT AND THE SUBSTRATE. INSTALLATIONS INTO HOLLOW CMU REQUIRE THE USE OF 1X BUCKS BETWEEN THE PRODUCT AND SUBSTRATE.
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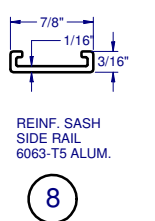
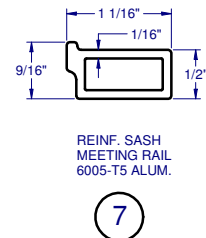
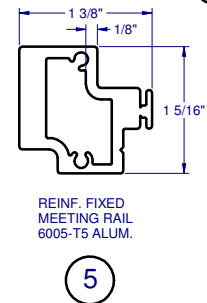
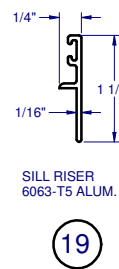
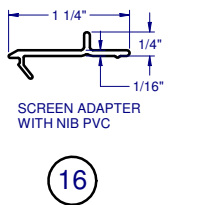
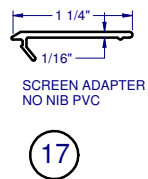
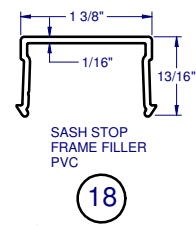
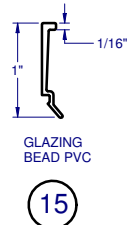
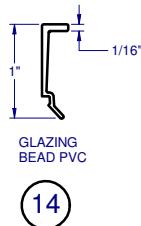
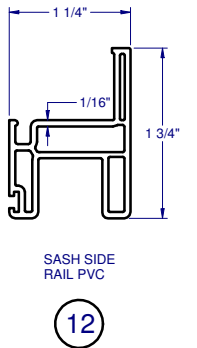
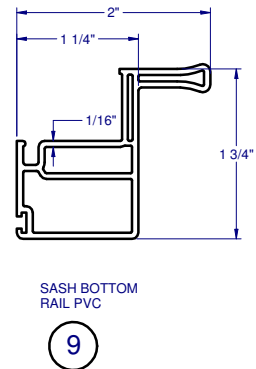
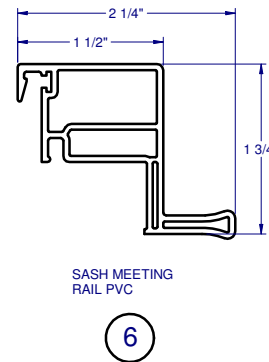
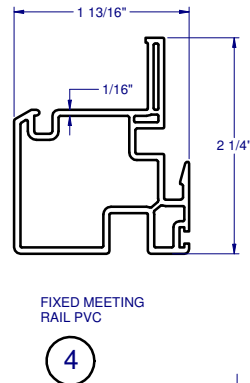
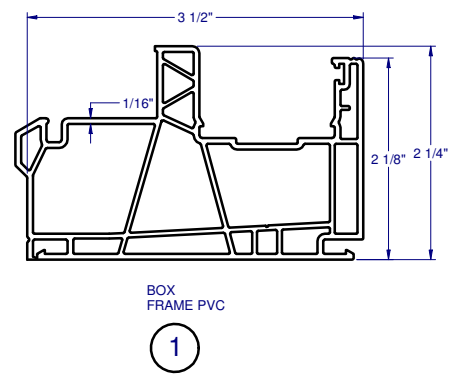
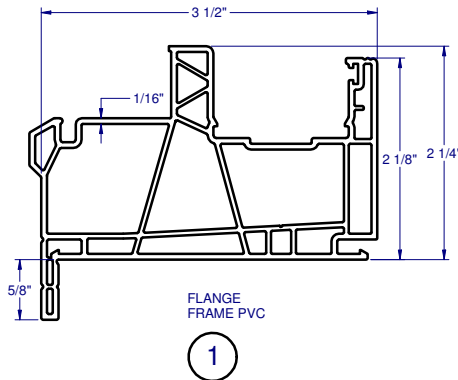
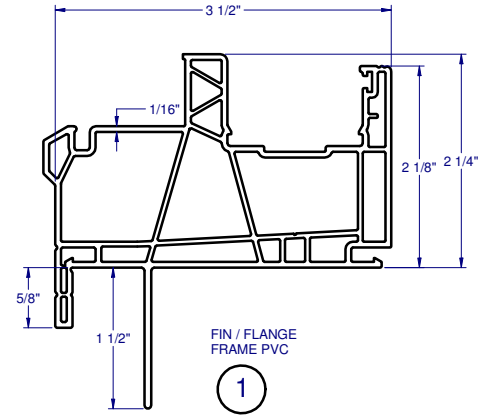
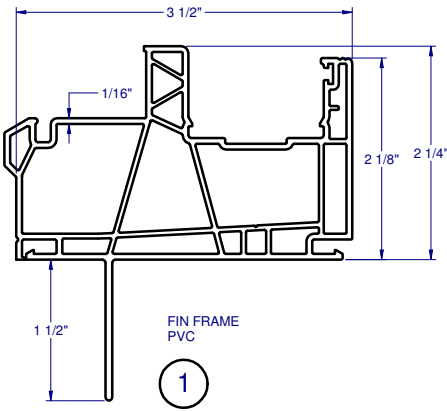


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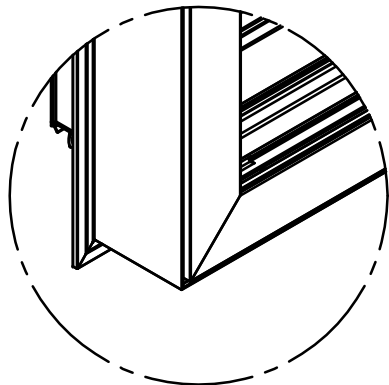
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MODEL:	SCALE: N.T.S.	DWG. NO. L-1200-1901
	REV. LETTER:	SHEET SHT 7 of 11

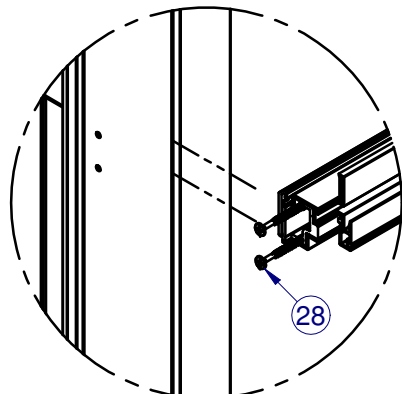
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Item	Description	Material	Vendor	Vendor #
1	Frame, Head	Rigid PVC	MIKRON	10244
2	Frame, Sill	Rigid PVC	MIKRON	10244
3	Frame, Jamb	Rigid PVC	MIKRON	10244
4	Fixed Meeting Rail	Rigid PVC	MIKRON	10245
5	Reinf., FMR	6005-T5 AL.	KEYMARK	FH-10090
6	Sash Meeting Rail	Rigid PVC	MIKRON	10247
7	Reinf., SMR	6005-T5 AL.	KEYMARK	FH-10091
8	Reinf., SSR	6063-T5 AL.	PROFILE	LII-195
9	Lift Rail	Rigid PVC	MIKRON	10246
10	Reinf., Lift Rail	6005-T5 AL.	KEYMARK	FH-10091
11	Reinf., SSR	6063-T5 AL.	PROFILE	LII-195
12	Vent Stile	Rigid PVC	MIKRON	10248
13	Reinf., Vent Stile	6063-T5 AL.	PROFILE	LII-195
14	Glazing Bead, 7/8" (Fixed)	Rigid PVC	MIKRON	10276
15	Glazing Bead, 7/8" (Sash)	Rigid PVC	MIKRON	10249
16	Adapter, Screen w/ Nib	Rigid PVC	MIKRON	10251
17	Adapter, Screen w/o Nib	Rigid PVC	MIKRON	10253
18	Cover/Sash Stop	Rigid PVC	MIKRON	10255
19	Sill Riser	6063-T5 AL.	KEYMARK	
20	Roller Housing		LAWSON	
21	Roller Wheels & Axles			
22	Roller Track	6063-T5 AL.	PROFILE	LII-196
23	Lock		INTERLOCK	
24	Keeper		INTERLOCK	
25	Cover, Lock		INTERLOCK	
26	Weep Assembly		PREFERRED ENG.	
27	Wstp, 0.270 x 0.187 back		ULTRAFAB	
28	#8 x 2.500, PhTrWashHd, SMS			
29	#6 x 1.000, PhFh, TEK			
30	#6 x 0.500, PhFh, TEK			
31	Duraseal Spacer		QUANEX	



FRAME CORNER CONSTRUCTION



CORNER WELD
ALL FOUR SIDES



FIXED MEETING RAIL
SCREWED TO FRAME



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8501 N. W. 90th Street
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TITLE: EXTRUSIONS & B.O.M.

SERIES: HS-1200

DRAWN BY: JML

DATE: 05/29/2019

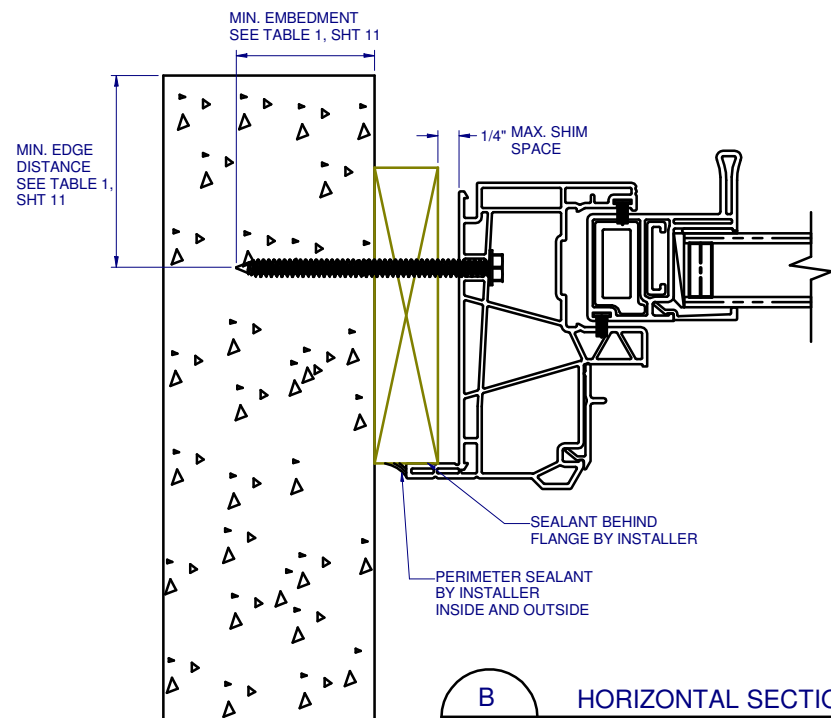
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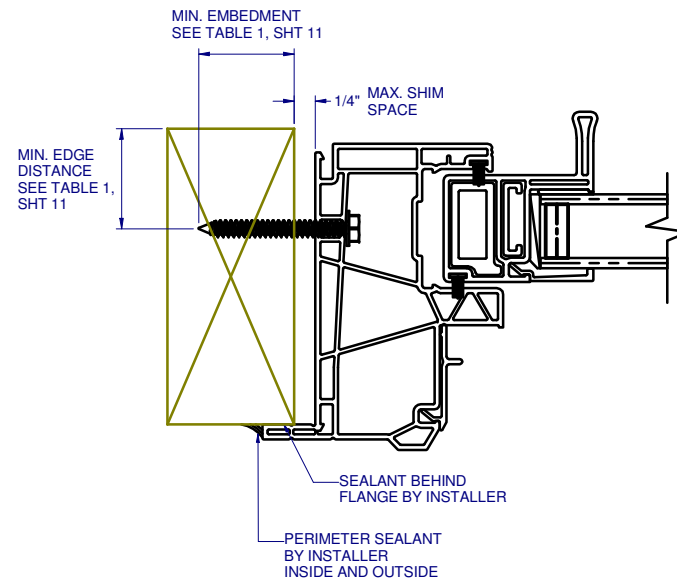
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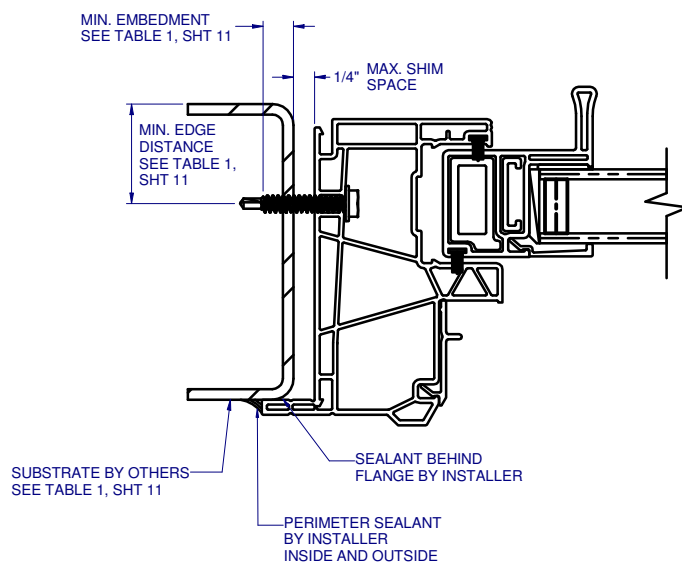
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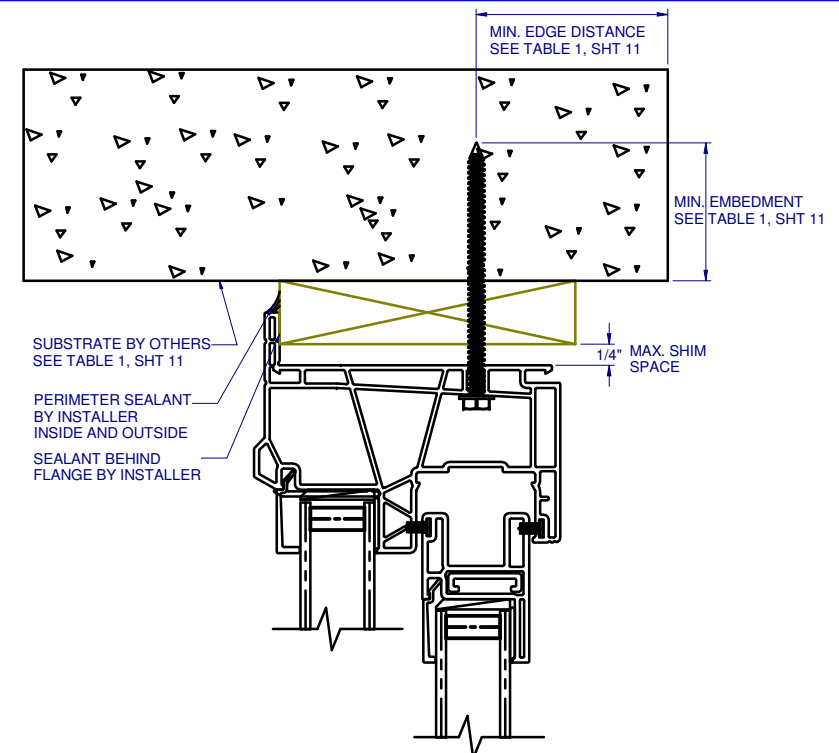
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TYPICAL JAMB ANCHORAGE
THRU-FRAME
FLANGE CONCRETE / CMU



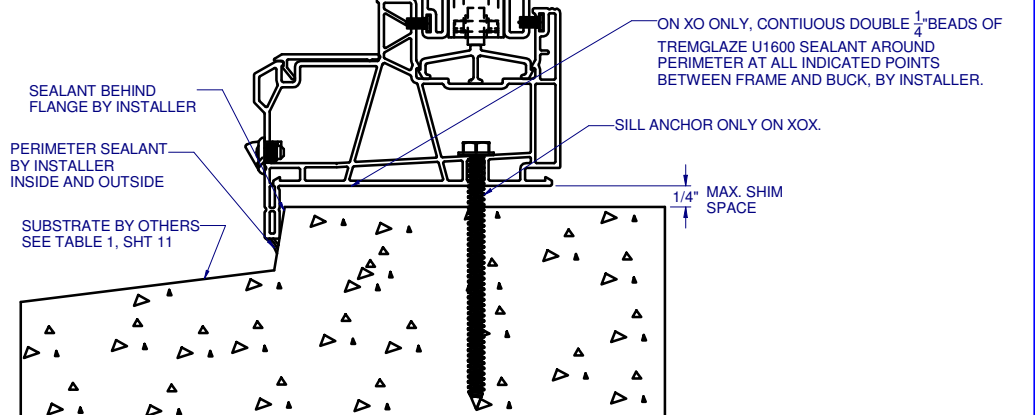
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9 HORIZONTAL SECTION
TYPICAL JAMB ANCHORAGE
THRU-FRAME
FLANGE WOOD FRAMING
HEAD & SILL DETAILS SIMILAR



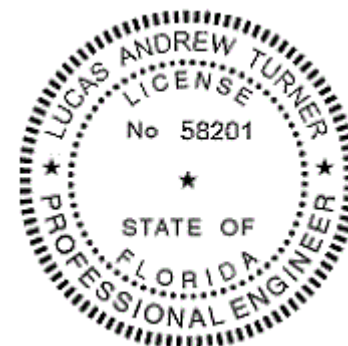
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9 HORIZONTAL SECTION
TYPICAL JAMB ANCHORAGE
THRU-FRAME
FLANGE METAL FRAMING
HEAD & SILL DETAILS SIMILAR



A
9 VERTICAL SECTION
TYPICAL SILL & HEAD ANCHORAGE
THRU-FRAME
FLANGE CONCRETE / CMU



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8501 N. W. 90th Street
Medley, FL 33166

TITLE: INSTALLATION DETAILS, FLANGE

SERIES: HS-1200

DRAWN BY: JML

DATE: 05/29/2019

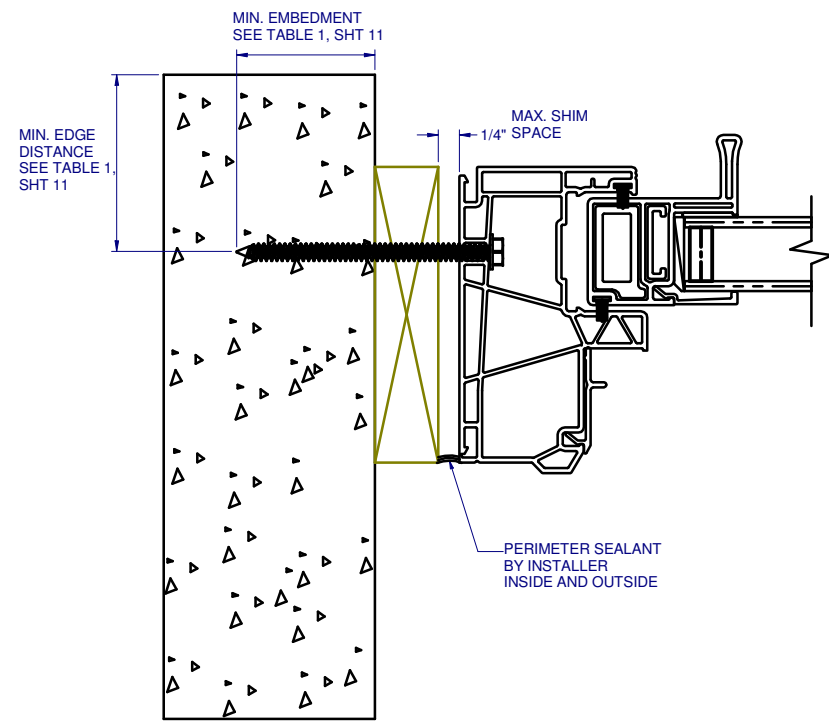
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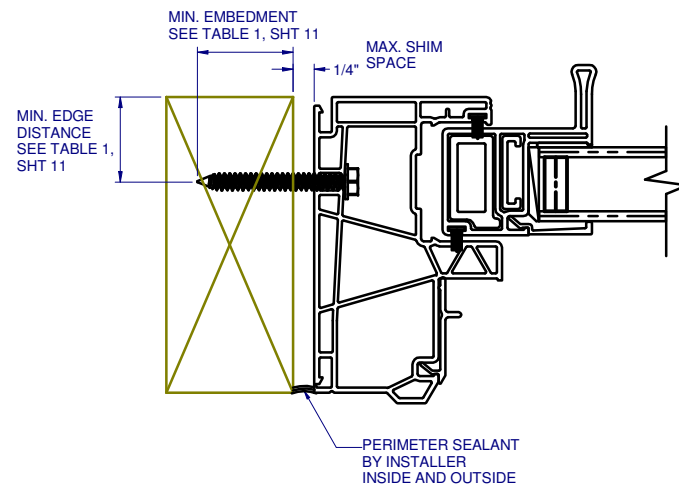
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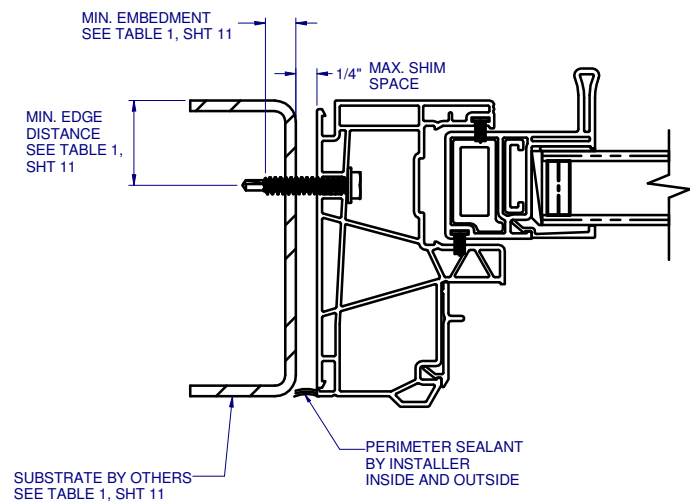
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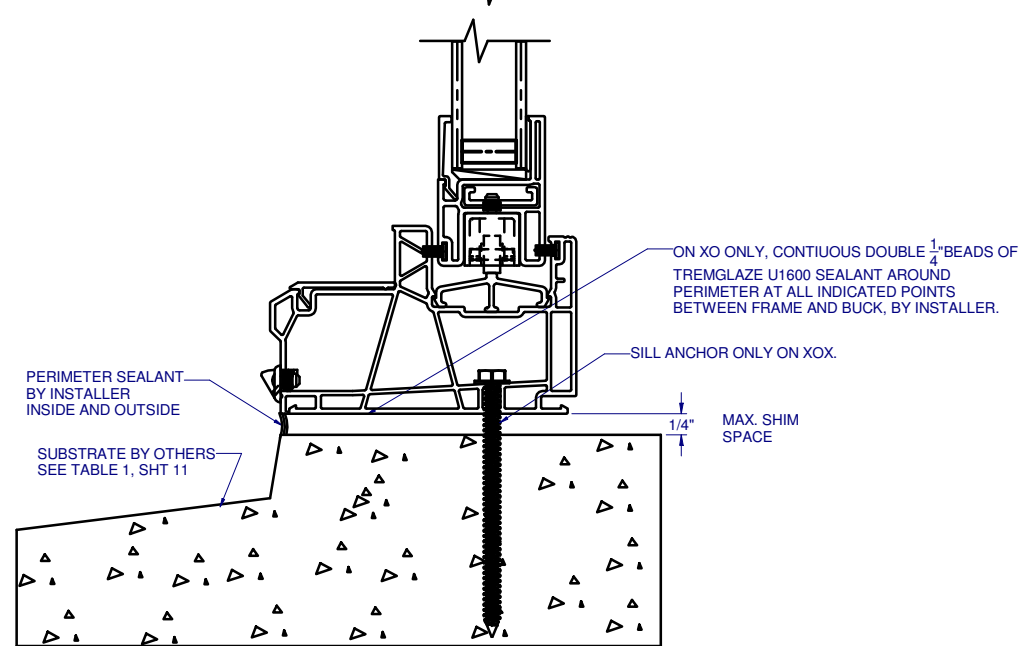
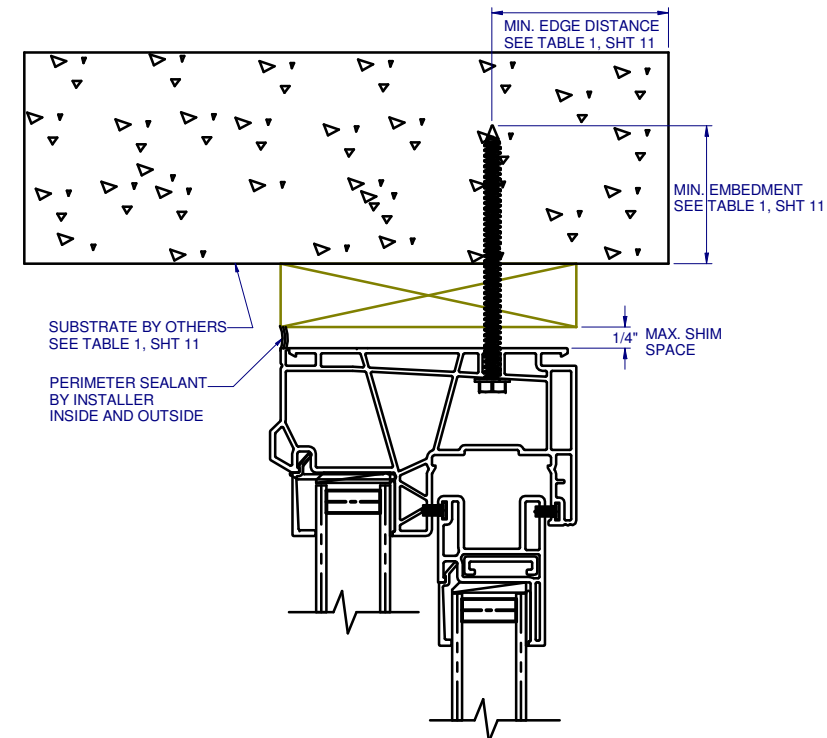
B
10 HORIZONTAL SECTION
TYPICAL JAMB ANCHORAGE
THRU-FRAME
BOX FRAME CONCRETE / CMU



C
10 HORIZONTAL SECTION
TYPICAL JAMB ANCHORAGE
THRU-FRAME
BOX WOOD FRAMING
HEAD & SILL DETAILS SIMILAR



D
10 HORIZONTAL SECTION
TYPICAL JAMB ANCHORAGE
THRU-FRAME
BOX FRAME METAL FRAMING
HEAD & SILL DETAILS SIMILAR



A
10 VERTICAL SECTION
TYPICAL SILL & HEAD ANCHORAGE
THRU-FRAME
BOX CONCRETE / CMU



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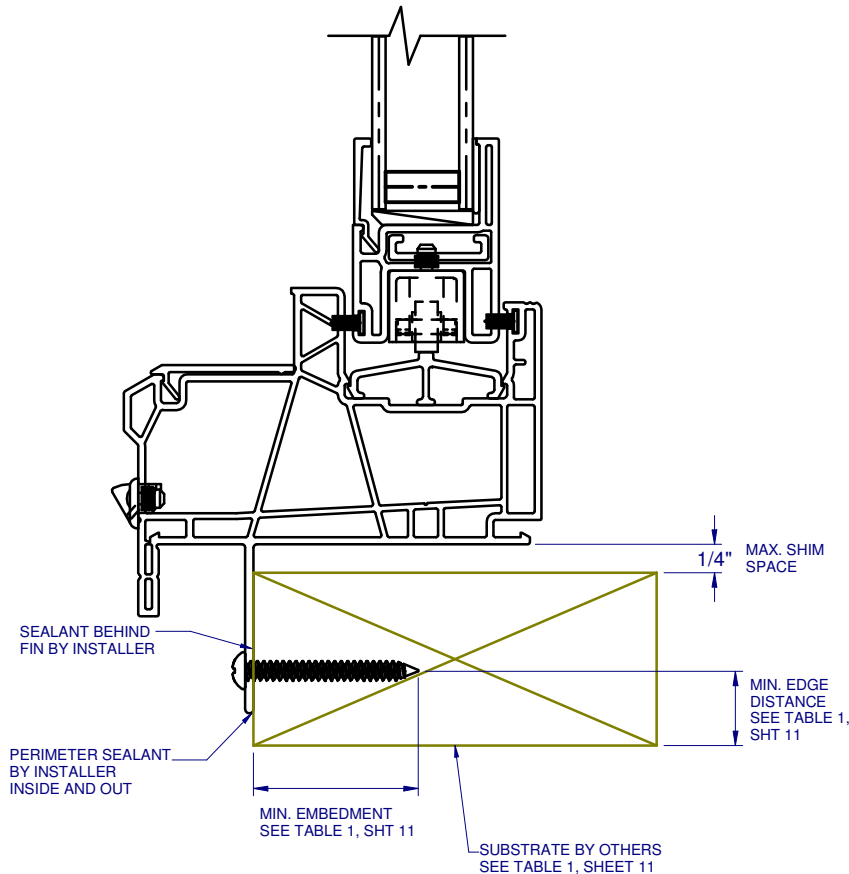
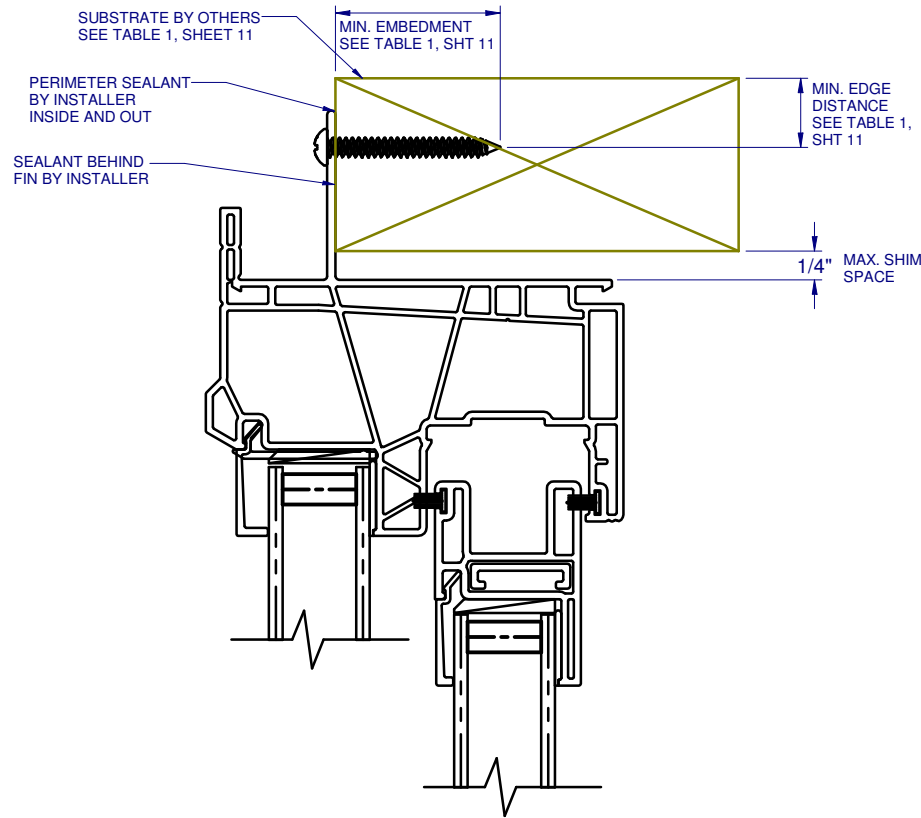
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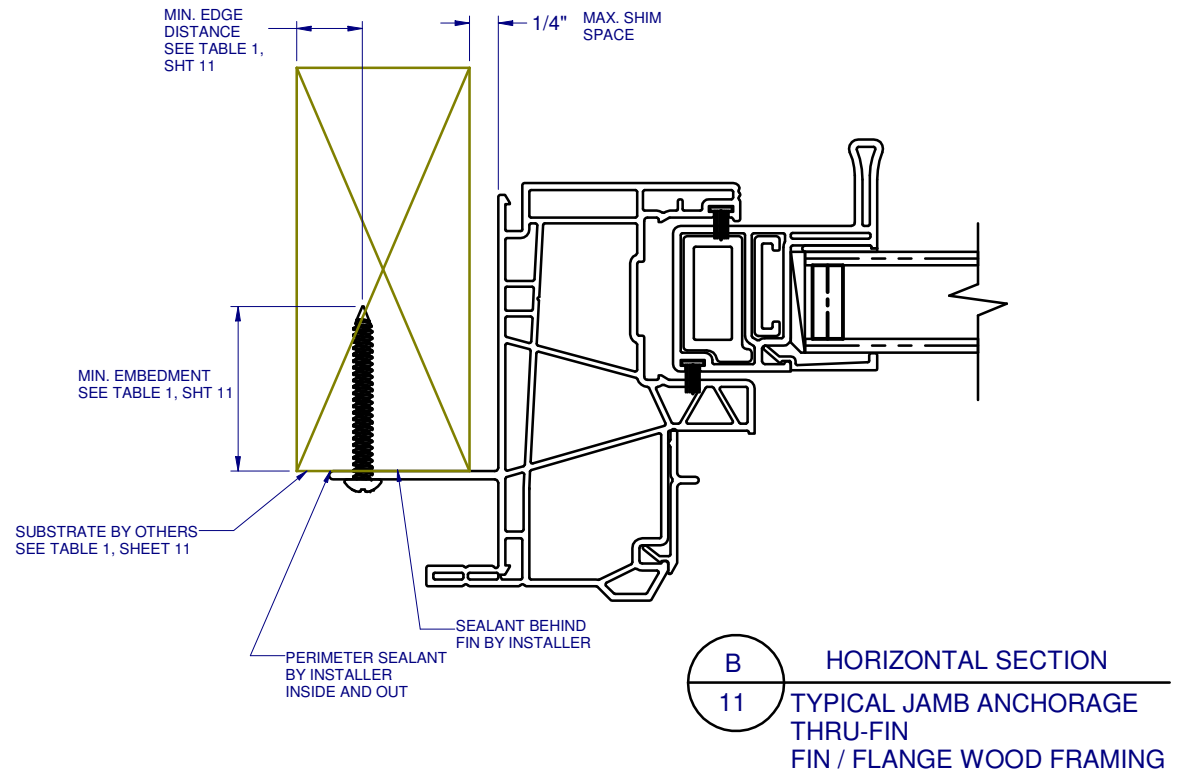
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Medley, FL 33166

TITLE: INSTALLATION DETAILS, BOX

SERIES: HS-1200	DRAWN BY: JML	DATE: 05/29/2019
MODEL:	SCALE: N.T.S.	DWG. NO. L-1200-1901
	REV. LETTER:	SHEET SHT 10 of 11



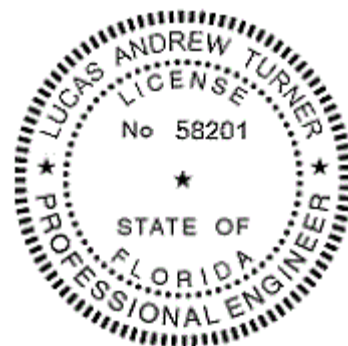
A
11
VERTICAL SECTION
TYPICAL SILL & HEAD ANCHORAGE
THRU-FIN
FIN / FLANGE WOOD FRAMING



B
11
HORIZONTAL SECTION
TYPICAL JAMB ANCHORAGE
THRU-FIN
FIN / FLANGE WOOD FRAMING

TABLE 1: APPROVED INSTALLATION FASTENERS

THRU	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST.
FRAME	CONCRETE (2.0 KSI MIN.)	3/16" ITW TAPCON	1 1/2"	1 1/8"
FRAME	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1 "	2 "
FRAME	CONCRETE (2.85 KSI MIN.)	3/16" ELCO ULTRACON	1 "	1 "
FRAME	GROUT-FILLED CMU (ASTM C-90)	3/16" ELCO ULTRACON	1 1/4"	2 1/2"
FRAME	2x MIN. SOUTHERN PINE (G-0.55)	3/16" ITW TAPCON OR ELCO ULTRACON	1 3/8"	7/8"
FRAME	2x MIN. SOUTHERN PINE (G-0.55)	#10 WOOD SCREW	1 3/8"	7/8"
FRAME	16 GAUGE (0.060) MIN. STEEL STUD (33 KSI YIELD MIN.)	#10-16 HILTI KWIK-FLEX OR ITW TEKS-SELF DRILLING SCREW	FULL THREAD THRU 0.060	1/2"
FRAME	1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.)	#10 GRADE 5 SELF-TAPPING / DRILLING SCREW	FULL THREAD THRU 0.125	1/2"
FIN	2x MIN. SOUTHERN PINE (G=0.55)	#8 WOOD SCREW	1 3/8"	1/2"



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	REV. LETTER:	SHEET SHT 11 of 11