

SEAWAY MANUFACTURING CORP.

SINGLE HUNG WINDOWS

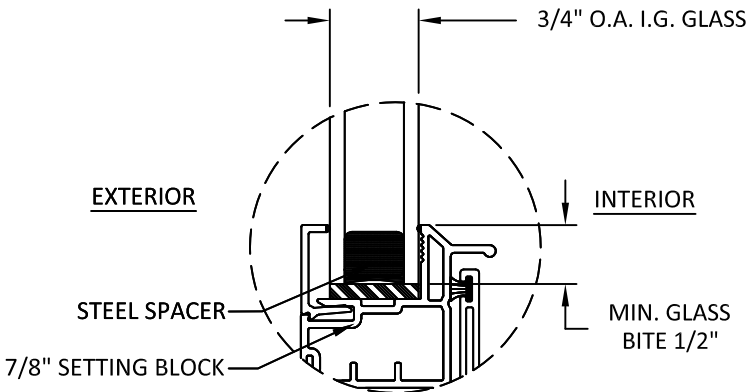
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

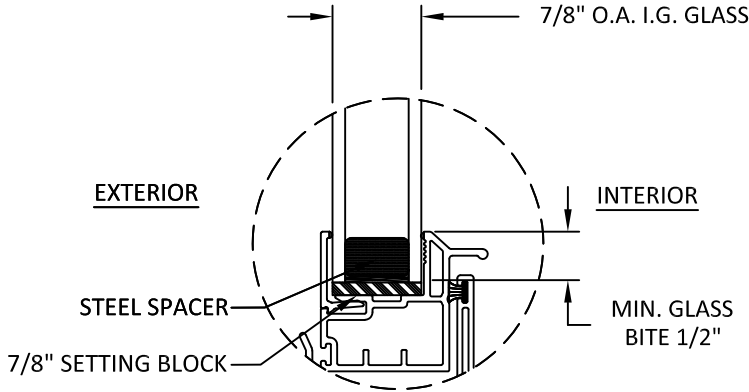
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING 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 IN NON-HVHZ AREAS.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: uPVC
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

MAX OVERALL SIZE		CONFIG.	DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
SEE SHEET 2		O/X	SEE SHEET 2*	NON IMPACT
SEE SHEET 3		O/X - O/X	SEE SHEET 3*	NON IMPACT
SEE SHEET 5		O/X - O	SEE SHEET 5*	NON IMPACT
SEE SHEET 7		O/X - O/X - O/X	SEE SHEET 7*	NON IMPACT
SEE SHEET 9		O/X - O - O/X	SEE SHEET 9*	NON IMPACT

*NOTE: SEE SHEET FOR WATER TEST PRESSURE



GLAZING DETAIL 1



GLAZING DETAIL 2

GLAZING NOTES:

1. GLASS TYPE SHALL COMPLY WITH ASTM E1300 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 SHOWN HEREIN.

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SEAWAY MANUFACTURING CORP.
2250 EAST 33RD ST.
ERIE, PA 16510
PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES & GLAZING DETAILS

PREPARED BY:

BUILDING DROPS, INC.

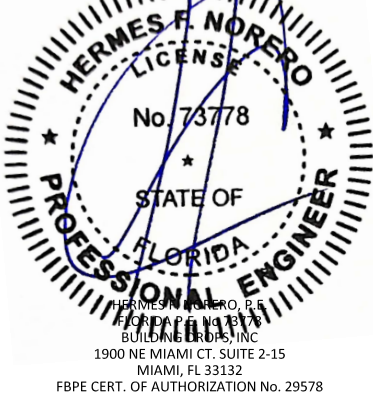
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

BUILDING DROPS

REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
2023 FBC CODE CHANGE	MG	09/25/23
REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

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.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.10.20 14:09:06 -0400



FL #:

FL43981

DATE: 02.12.21

DWG. BY: ER
CHK. BY: HFN

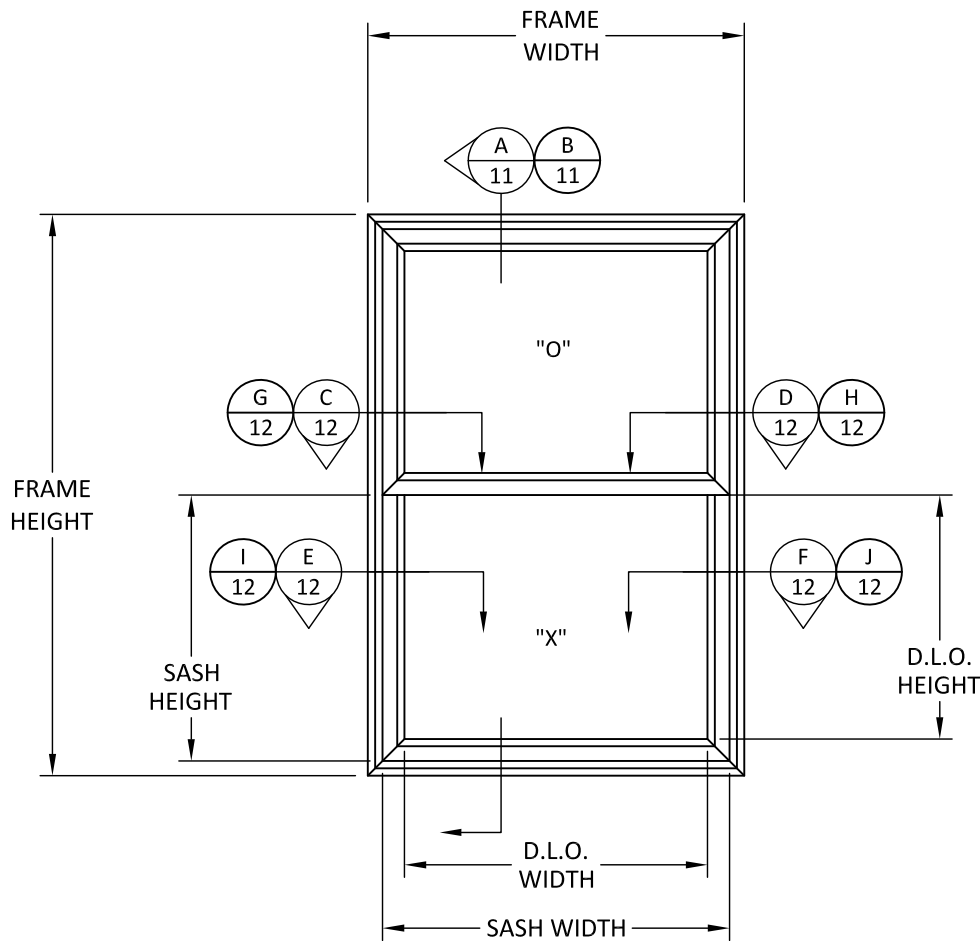
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DWG. #: SEM005

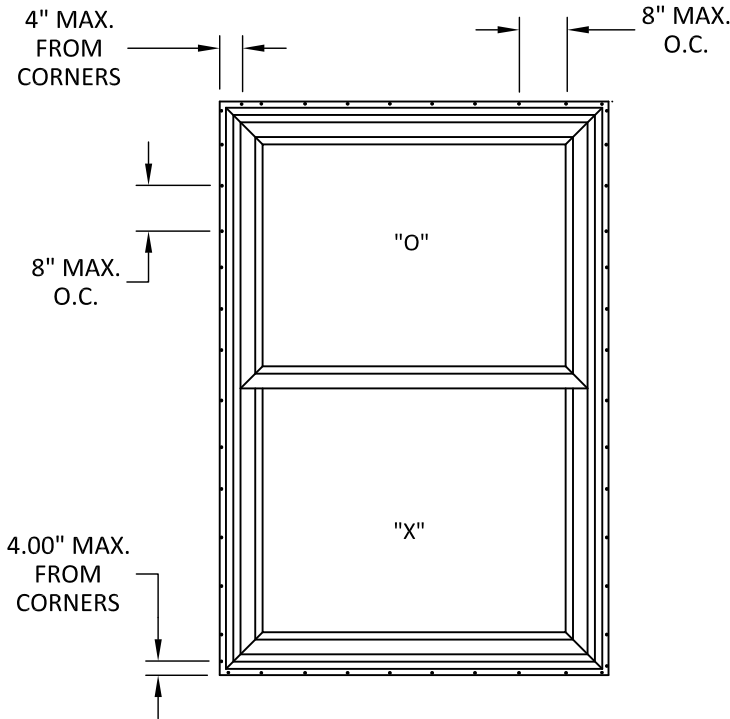
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1

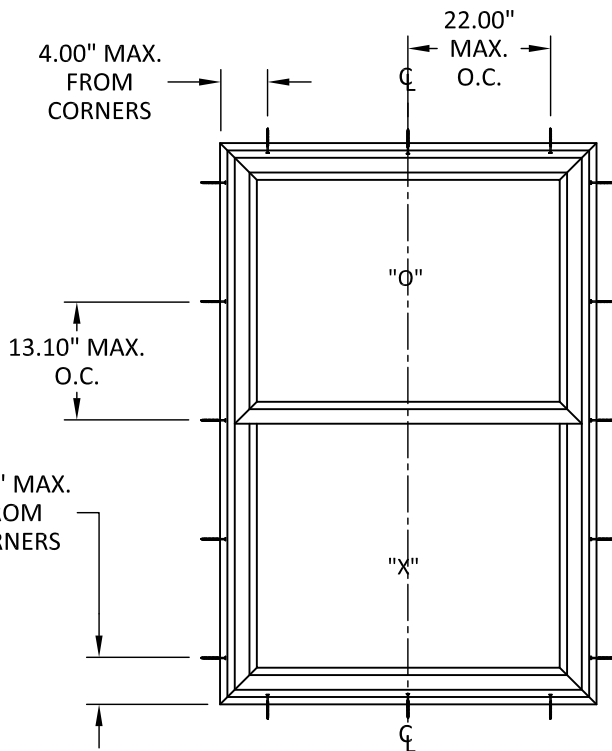
OF 14



ELEVATION
SINGLE HUNG WINDOW



ANCHOR LAYOUT
NAIL FIN - SINGLE HUNG WINDOW



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#10 SCREWS & 3/16" TAPCON

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
42.0	24.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		65.00	65.00
72.0		65.00	65.00
78.0		65.00	65.00
84.0		65.00	65.00
90.0		65.00	65.00
96.0		65.00	65.00
102.0		65.00	65.00
108.0	30.0	65.00	65.00
114.0		65.00	65.00
120.0		65.00	65.00
126.0		64.95	64.95
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		65.00	65.00
72.0		65.00	65.00
78.0		65.00	65.00
84.0		65.00	65.00
90.0		65.00	65.00
96.0		65.00	65.00
102.0		65.00	65.00
108.0		64.80	64.80
114.0		63.47	63.47
120.0		57.28	57.28
126.0		51.96	51.96
42.0	36.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		63.94	63.94
72.0		62.00	62.00
78.0		60.45	60.45
84.0		59.18	59.18
90.0		58.12	58.12
96.0		57.23	57.23
102.0		56.46	56.46
108.0		55.80	55.80
114.0		52.89	52.89
120.0		47.74	47.74
126.0		43.30	43.30
42.0	42.0	61.90	61.90
48.0		61.90	61.90
54.0		61.90	61.90
60.0		61.32	61.32
66.0		58.46	58.46
72.0		56.27	56.27
78.0		54.54	54.54
84.0		53.14	53.14
90.0		51.99	51.99
96.0		51.02	51.02
102.0		50.19	50.19
108.0		49.48	49.48
114.0		45.34	45.34
120.0		40.92	40.92

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
42.0	48.0	55.03	55.03
48.0		54.17	54.17
54.0		54.17	54.17
60.0		54.17	54.17
66.0		54.17	54.17
72.0		52.31	52.31
78.0		50.37	50.37
84.0		48.82	48.82
90.0		47.56	47.56
96.0		46.50	46.50
102.0		45.61	45.61
108.0	52.0	44.20	44.20
114.0		39.67	39.67
120.0		35.80	35.80
42.0		51.92	51.92
48.0		50.30	50.30
54.0		50.00	50.00
60.0		50.00	50.00
66.0		50.00	50.00
72.0		48.13	48.13
78.0		46.41	46.41
84.0		45.17	45.17
90.0		44.15	44.15
96.0		43.20	43.20
102.0		40.80	40.80
108.0		36.62	36.62
114.0		33.05	33.05
120.0		30.0	30.0
126.0		51.59	51.59
42.0	60.0	47.62	47.62
48.0		42.93	42.93
54.0		38.84	38.84
60.0		35.66	35.66
66.0		33.14	33.14
72.0		31.14	31.14
78.0		29.53	29.53
84.0		28.25	28.25
90.0		27.24	27.24
96.0		26.45	26.45
102.0		25.86	25.86
108.0		25.46	25.46
114.0		25.22	25.22
120.0		25.14	25.14
126.0		49.37	49.37
42.0	66.0	41.52	41.52
48.0		35.98	35.98
54.0		31.89	31.89
60.0		28.76	28.76
66.0		26.31	26.31
72.0		24.35	24.35
78.0		22.78	22.78
84.0		21.50	21.50
90.0		20.45	20.45
96.0		19.59	19.59
102.0		18.90	18.90
108.0		18.34	18.34
114.0		17.91	17.91
120.0		17.58	17.58

WATER TEST PRESSURE = 9.19 PSF

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
30.0	72.0	37.90	37.90
36.0		31.83	31.83
42.0		27.53	27.53
48.0		24.35	24.35
54.0		21.91	21.91
60.0		19.99	19.99
66.0		18.45	18.45
72.0		17.20	17.20
78.0		16.17	16.17
84.0		15.32	15.32
24.0	78.0	36.97	36.97
30.0		29.73	29.73
36.0		24.94	24.94
42.0		21.55	21.55
48.0		19.02	19.02
54.0		17.08	17.08
60.0		15.55	15.55
24.0		29.56	29.56
30.0		23.76	23.76
36.0		19.91	19.91
42.0	84.0	17.18	17.18
48.0		15.15	15.15
24.0		24.01	24.01
30.0	90.0	19.28	19.28
36.0		16.15	16.15

TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL SPLIT (ORIEL OR COTTAGE STYLE):

1. DETERMINE THE HEIGHT OF THE LARGER SECTION OF THE UNIT IN QUESTION.
2. CALCULATE THE NEW LARGER FRAME HEIGHT USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT.
3. INTERPOLATE WITHIN THE TABLE BASED ON THE NEW HEIGHT.

LIMITATIONS:

SHORTER PORTION IS LESS THAN H/2 OF THE OVERALL HEIGHT OF THE UNEQUAL SPLIT, AND THE OVERALL FRAME SIZE OF THE UNEVEN SPLIT UNIT IS EQUAL TO OR LESS THAN THAT OF THE EVEN SPLIT UNIT

NOTES:

1. ALL FASTENERS ABOVE THE MEETING RAIL IN THE INTERIOR JAMB TRACK MUST BE FLAT HEAD OR PAN HEADS RECESSED IN FRAME.
2. SASH HEIGHT: (FRAME HEIGHT/2) - 1"
SASH WIDTH: FRAME WIDTH - 3 1/8"
3. OPERABLE D.L.O. HEIGHT: SASH HEIGHT - 2 3/4"
OPERABLE D.L.O. WIDTH: SASH WIDTH - 2 3/4"
FIXED D.L.O. HEIGHT: FRAME HEIGHT - 4 9/16"
FIXED D.L.O. WIDTH: FRAME WIDTH - SASH HEIGHT - 4"



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PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

SINGLE ELEVATION AND
ANCHOR LAYOUTS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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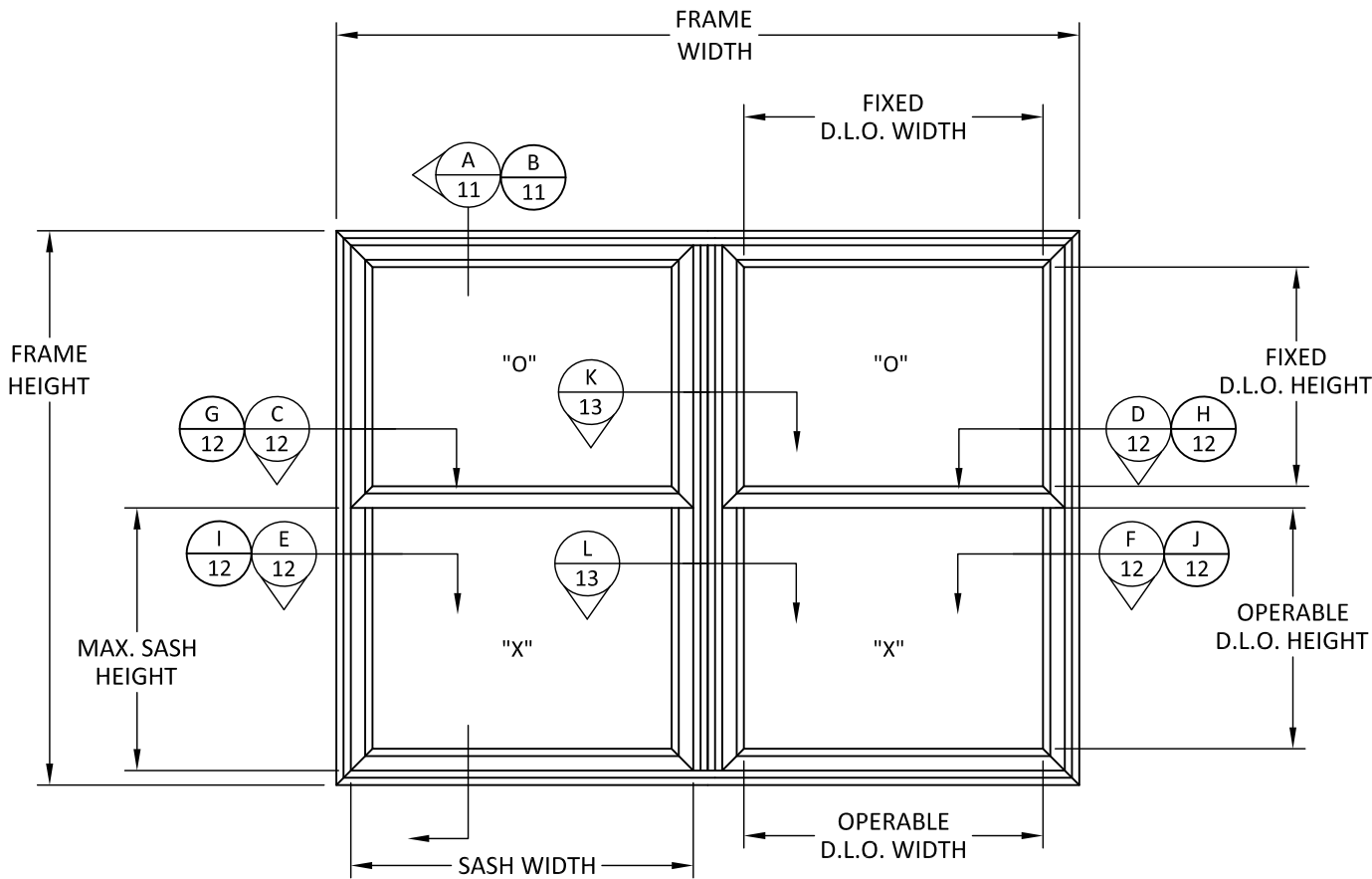


REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
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FL #:	FL43981
DATE:	02.12.21
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM005
SHEET:	2



ELEVATION
SINGLE HUNG WINDOW

NOTES:

- ALL FASTENERS ABOVE THE MEETING RAIL IN THE INTERIOR JAMB TRACK MUST BE FLATHEADS.
- SASH HEIGHT: $(\text{FRAME HEIGHT}/2) - 1"$
SASH WIDTH: $(\text{FRAME WIDTH}/2) - 3 \frac{3}{8}"$
- OPERABLE D.L.O. HEIGHT: SASH HEIGHT - $2 \frac{3}{4}"$
OPERABLE D.L.O. WIDTH: SASH WIDTH - $2 \frac{3}{4}"$
FIXED D.L.O. HEIGHT: FRAME HEIGHT - SASH HEIGHT - $4"$
FIXED D.L.O. WIDTH: $(\text{FRAME WIDTH}/2) - 4.794"$
- TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL VERTICAL SPLIT (ORIEL OR COTTAGE STYLE), DETERMINE THE HEIGHT OF THE LARGER SECTION OF THE UNIT IN QUESTION, CALCULATE THE NEW LARGER FRAME HEIGHT USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT, AND THEN INTERPOLATE WITHIN THE TABLE BASED ON THE NEW HEIGHT. SEE LIMITATIONS, SHEET 2.
- DESIGN PRESSURE IS LIMITED TO THE LOWER OF THE SINGLE DESIGN PRESSURE TABLES ON SHEET 2 AND TWIN DESIGN PRESSURE TABLES ON CURRENT PAGE.

TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL HORIZONTAL SPLIT:

- DETERMINE THE WIDTH OF THE LARGER SECTION OF THE UNIT IN QUESTION.
- CALCULATE THE NEW LARGER FRAME WIDTH USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT.
- INTERPOLATE WITHIN THE TABLE BASED ON THE NEW WIDTH.

LIMITATIONS:
SMALLER PORTION IS LESS THAN W/2 OF THE OVERALL WIDTH OF THE UNEQUAL SPLIT, AND THE OVERALL FRAME SIZE OF THE UNEVEN SPLIT UNIT IS EQUAL TO OR LESS THAN THAT OF THE EVEN SPLIT UNIT

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
42.0	60.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		65.00	65.00
72.0		63.16	63.16
78.0		53.59	53.59
84.0		42.55	42.55
90.0		34.36	34.36
96.0		28.16	28.16
102.0	66.0	23.37	23.37
108.0		19.61	19.61
114.0		16.62	16.62
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		65.00	65.00
72.0		58.97	58.97
78.0		49.35	49.35
84.0		39.11	39.11
90.0	72.0	31.54	31.54
96.0		25.81	25.81
102.0		21.40	21.40
108.0		17.95	17.95
114.0		15.20	15.20
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		62.50	62.50
72.0		55.56	55.56
78.0	80.0	45.88	45.88
84.0		36.29	36.29
90.0		29.22	29.22
96.0		23.88	23.88
102.0		19.78	19.78
108.0		16.57	16.57
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		58.70	58.70
72.0	84.0	51.92	51.92
74.0		50.00	50.00
78.0		42.17	42.17
84.0		33.25	33.25
90.0		26.71	26.71
96.0		21.79	21.79
102.0		18.02	18.02
108.0		15.07	15.07

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
42.0	84.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		57.14	57.14
72.0		50.42	50.42
78.0		40.62	40.62
84.0		31.98	31.98
90.0		25.65	25.65
96.0		20.91	20.91
102.0	90.0	17.27	17.27
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		64.00	64.00
66.0		55.17	55.17
72.0		48.48	48.48
78.0		38.62	38.62
84.0		30.32	30.32
90.0		24.27	24.27
96.0	96.0	19.74	19.74
102.0		16.29	16.29
36.0		65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		62.50	62.50
66.0		53.57	53.57
72.0		46.64	46.64
78.0		36.92	36.92
84.0	102.0	28.91	28.91
90.0		23.08	23.08
96.0		18.75	18.75
102.0		15.44	15.44
36.0		65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		61.38	61.38
66.0		52.29	52.29
72.0	102.0	44.90	44.90
78.0		35.50	35.50
84.0		27.70	27.70
90.0		22.07	22.07
96.0		17.89	17.89

WATER TEST PRESSURE = 9.19 PSF

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
36.0	108.0	65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		60.61	60.61
66.0		51.28	51.28
72.0		43.46	43.46
78.0		34.30	34.30
84.0		26.68	26.68
90.0		21.19	21.19
96.0	114.0	17.14	17.14
36.0		65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		60.15	60.15
66.0		50.53	50.53
72.0		42.29	42.29
78.0		33.29	33.29
84.0		25.80	25.80
90.0	120.0	20.44	20.44
96.0		16.49	16.49
36.0		65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		60.00	60.00
66.0		50.00	50.00
72.0		41.35	41.35
78.0		32.46	32.46
84.0	126.0	25.06	25.06
90.0		19.79	19.79
96.0		15.93	15.93
36.0		65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		60.00	60.00
66.0		49.69	49.69
72.0		40.64	40.64
78.0	132.0	31.79	31.79
84.0		24.43	24.43
90.0		19.23	19.23
36.0		65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		63.04	63.04
60.0		56.73	56.73
66.0		49.59	49.59
72.0		40.13	40.13
78.0	140.0	31.25	31.25
84.0		23.91	23.91
36.0		65.00	65.00
42.0		65.00	65.00
48.0		63.04	63.04
54.0		56.04	56.04
60.0		50.44	50.44
66.0		45.85	45.85
72.0		39.77	39.77
78.0		30.73	30.73
84.0		23.35	23.35



SEAWAY MANUFACTURING CORP.
2250 EAST 33RD ST.
ERIE, PA 16510
PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

TWIN SINGLE HUNG
ELEVATION

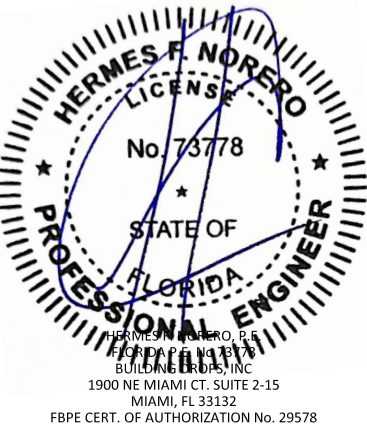
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

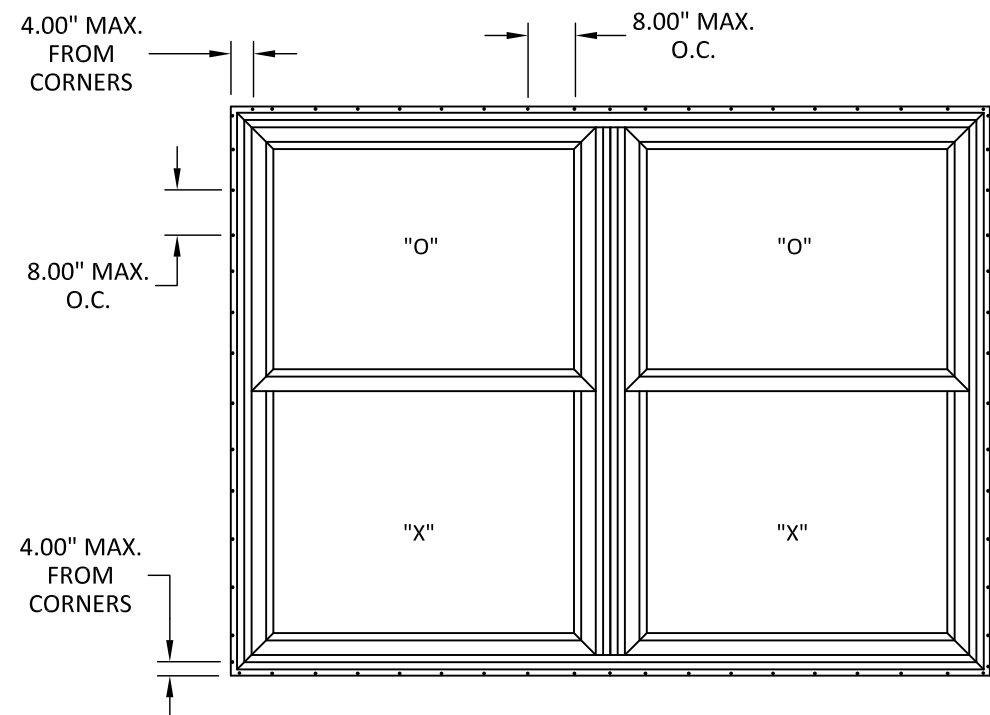


REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
2023 FBC CODE CHANGE	MG	09/25/23
REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

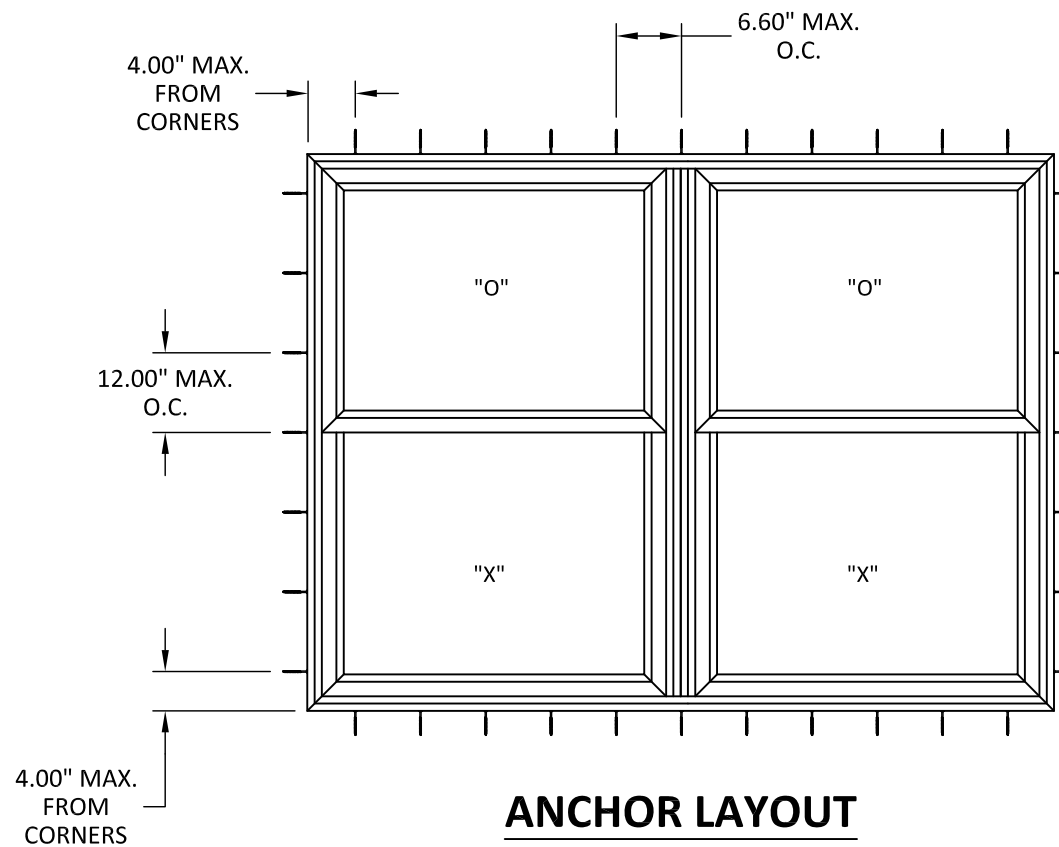
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



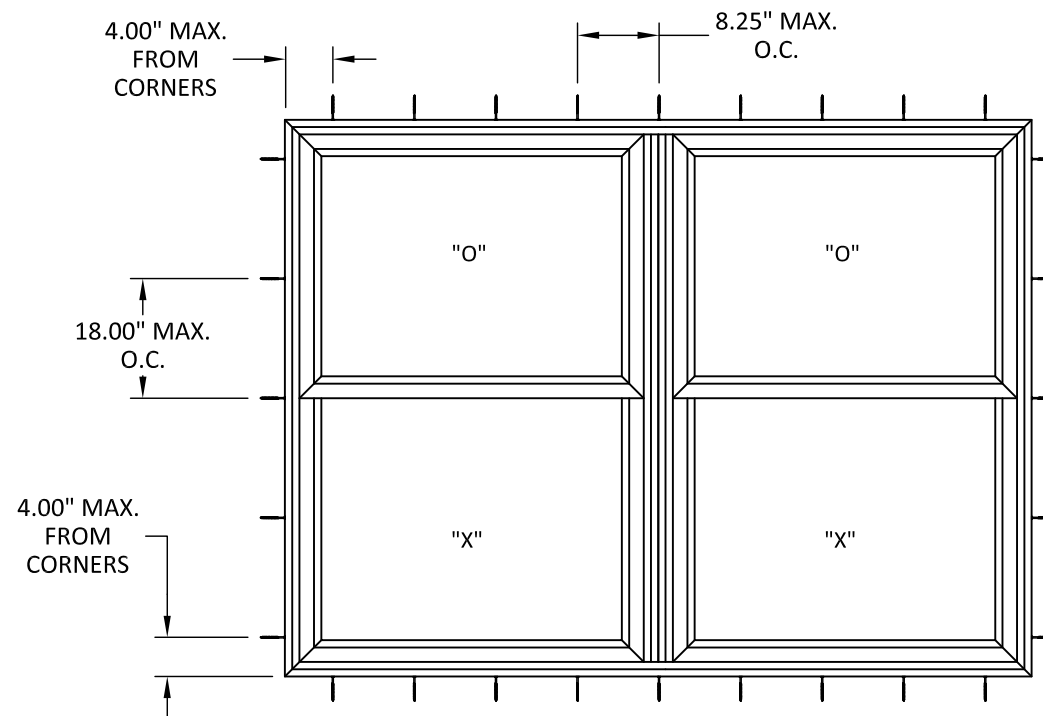
FL #:	FL43981
DATE:	02.12.21
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM005
SHEET:	3



ANCHOR LAYOUT
NAIL FIN - SINGLE HUNG WINDOW



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#8 SCREW



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#10 SCREW & 3/16\"/>



SEAWAY MANUFACTURING CORP.
2250 EAST 33RD ST.
ERIE, PA 16510
PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

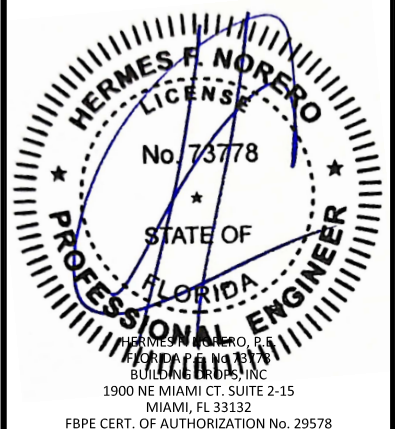
TWIN SINGLE HUNG
ANCHOR LAYOUTS

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

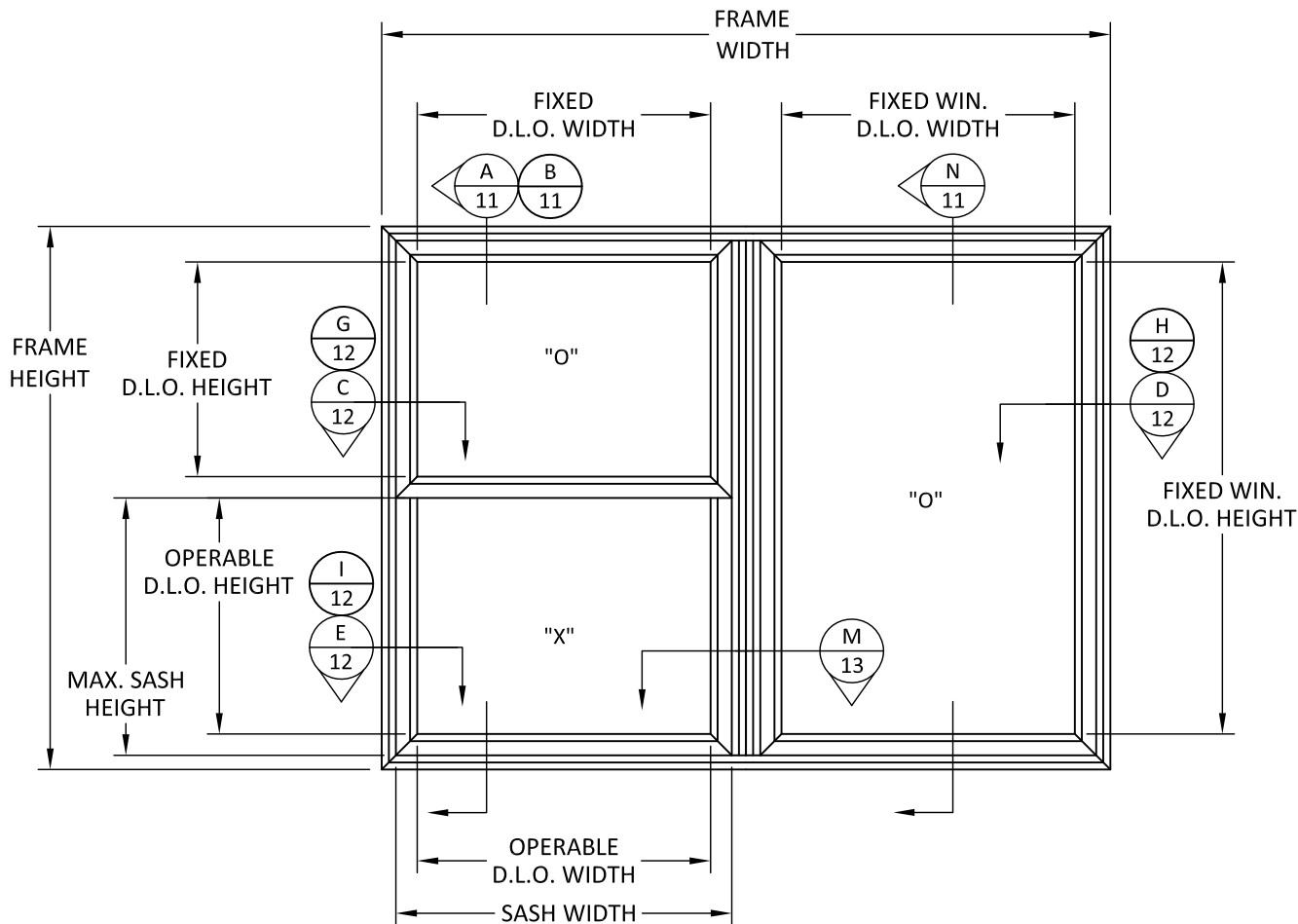


REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
2023 FBC CODE CHANGE	MG	09/25/23
REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

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FL #:	FL43981
DATE:	02.12.21
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM005
SHEET:	



ELEVATION
SINGLE HUNG WINDOW

NOTES:

- ALL FASTENERS ABOVE THE MEETING RAIL IN THE INTERIOR JAMB TRACK MUST BE FLATHEADS.
- SASH HEIGHT: (FRAME HEIGHT/2) - 1"
SASH WIDTH: (FRAME WIDTH/2) - 3 3/8"
- OPERABLE D.L.O. HEIGHT: SASH HEIGHT - 2 3/4"
OPERABLE D.L.O. WIDTH: SASH WIDTH - 2 3/4"
FIXED D.L.O. HEIGHT: FRAME HEIGHT - SASH HEIGHT - 4"
FIXED D.L.O. WIDTH: (FRAME WIDTH/2) - 4.794"
FIXED WIN. D.L.O. HEIGHT: FRAME HEIGHT - 4.544"
FIXED WIN. D.L.O. WIDTH: (FRAME WIDTH/2) - 4.794"
- TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL VERTICAL SPLIT (ORIEL OR COTTAGE STYLE), DETERMINE THE HEIGHT OF THE LARGER SECTION OF THE UNIT IN QUESTION, CALCULATE THE NEW LARGER FRAME HEIGHT USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT, AND THEN INTERPOLATE WITHIN THE TABLE BASED ON THE NEW HEIGHT. SEE LIMITATIONS, SHEET 2.
- DESIGN PRESSURE IS LIMITED TO THE LOWER OF THE SINGLE DESIGN PRESSURE TABLES ON SHEET 2 AND TWIN DESIGN PRESSURE TABLES ON CURRENT PAGE.

TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL HORIZONTAL SPLIT:

- DETERMINE THE WIDTH OF THE LARGER SECTION OF THE UNIT IN QUESTION.
- CALCULATE THE NEW LARGER FRAME WIDTH USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT.
- INTERPOLATE WITHIN THE TABLE BASED ON THE NEW WIDTH.

LIMITATIONS:

SMALLER PORTION IS LESS THAN W/2 OF THE OVERALL WIDTH OF THE UNEQUAL SPLIT, AND THE OVERALL FRAME SIZE OF THE UNEVEN SPLIT UNIT IS EQUAL TO OR LESS THAN THAT OF THE EVEN SPLIT UNIT

NOMINAL DIMS.		DESIGN PRESSURE	
		CONFIG 1	CONFIG 2
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+) INT. (-)	EXT. (+) INT. (-)
42.0	60.0	46.26	52.87
48.0		43.85	50.12
54.0		42.52	48.60
60.0		42.10	48.11
66.0		39.55	45.19
72.0		36.98	42.26
78.0		34.56	39.50
84.0		27.44	31.36
90.0		22.16	25.33
96.0		18.16	20.76
102.0		15.07	17.23
42.0	66.0	44.10	50.40
48.0		41.35	47.25
54.0		39.58	45.23
60.0		38.59	44.10
66.0		38.27	43.74
72.0		36.20	41.37
78.0		31.83	36.38
84.0		25.22	28.83
90.0		20.34	23.25
96.0		16.65	19.03
42.0	72.0	42.45	48.52
48.0		39.47	45.10
54.0		37.42	42.77
60.0		36.08	41.24
66.0		35.33	40.37
72.0		35.08	40.09
74.0		35.00	40.00
78.0		29.59	33.82
84.0		23.41	26.75
90.0		18.84	21.54
96.0	80.0	15.40	17.60
42.0		40.77	46.60
48.0		37.59	42.96
54.0		35.30	40.34
60.0		33.68	38.49
66.0		32.57	37.22
72.0		31.89	36.45
78.0		27.20	31.08
84.0		21.45	24.51
90.0		17.23	19.69

WATER TEST PRESSURE = 7.52 PSF

NOMINAL DIMS.		DESIGN PRESSURE	
		CONFIG 1	CONFIG 2
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+) INT. (-)	EXT. (+) INT. (-)
42.0	84.0	40.09	45.82
48.0		36.84	42.10
54.0		34.47	39.39
60.0		32.74	37.42
66.0		31.52	36.02
72.0		30.70	35.08
74.0		30.50	34.86
78.0		26.20	29.94
84.0		20.63	23.57
90.0		16.54	18.91
42.0	90.0	39.22	44.82
48.0		35.88	41.00
54.0		33.41	38.18
60.0		31.57	36.08
66.0		30.21	34.53
72.0		29.23	33.41
78.0		24.90	28.46
84.0		19.55	22.35
90.0		15.65	17.89
42.0	96.0	38.49	43.99
48.0		35.08	40.09
54.0		32.54	37.19
60.0		30.62	34.99
66.0		29.16	33.32
72.0		28.06	32.07
78.0		23.81	27.22
84.0		18.64	21.31
36.0		42.60	48.68
42.0		37.87	43.27
48.0	102.0	34.41	39.32
54.0		31.81	36.35
60.0		29.82	34.08
66.0		28.29	32.33
72.0		27.11	30.98
78.0		22.89	26.16
84.0		17.87	20.42
36.0		42.10	48.11
42.0		37.33	42.66
48.0		33.83	38.66
54.0	108.0	31.18	35.64
60.0		29.14	33.31
66.0		27.55	31.49
72.0		26.31	30.07
78.0		22.12	25.28
84.0		17.20	19.66

NOTES:

CONFIG. 2 REQUIRES ADDITIONAL STRAP/CLUSTER OF ANCHORS AT THE MULLION. SEE SHEET 6 FOR MORE DETAILS.

NOMINAL DIMS.		DESIGN PRESSURE	
		CONFIG 1	CONFIG 2
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36.0	114.0	41.66	47.61
42.0		36.86	42.12
48.0		33.33	38.09
54.0		30.65	35.02
60.0		28.57	32.65
66.0		26.93	30.78
72.0		25.64	29.30
78.0		21.47	24.54
84.0		16.64	19.02
36.0		41.27	47.17
42.0	120.0	36.45	41.65
48.0		32.89	37.59
54.0		30.18	34.49
60.0		28.06	32.07
66.0		26.39	30.16
72.0		25.06	28.64
78.0		20.94	23.93
84.0		16.16	18.47
36.0		40.93	46.77
42.0	126.0	36.08	41.24
48.0		32.50	37.14
54.0		29.77	34.02
60.0		27.63	31.57
66.0		25.92	29.63
72.0		24.56	28.06
78.0		20.50	23.43
84.0		15.76	18.01
36.0		40.62	46.42
42.0	132.0	35.76	40.87
48.0		32.16	36.75
54.0		29.40	33.60
60.0		27.24	31.13
66.0		25.51	29.16
72.0		24.12	27.56
78.0		20.15	23.03
36.0		40.26	46.01
42.0		35.38	40.43
48.0	140.0	31.75	36.29
54.0		28.98	33.11
60.0		26.79	30.62
66.0		25.04	28.61
72.0		23.61	26.99



SEAWAY MANUFACTURING CORP.
2250 EAST 33RD ST.
ERIE, PA 16510
PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

SINGLE HUNG - FIX
ELEVATION

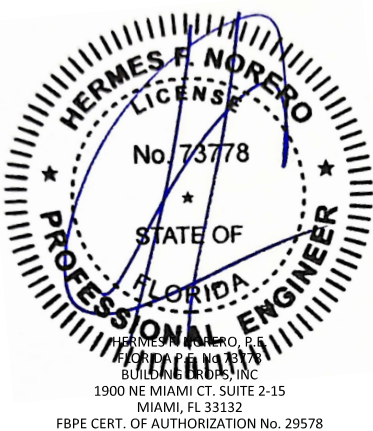
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

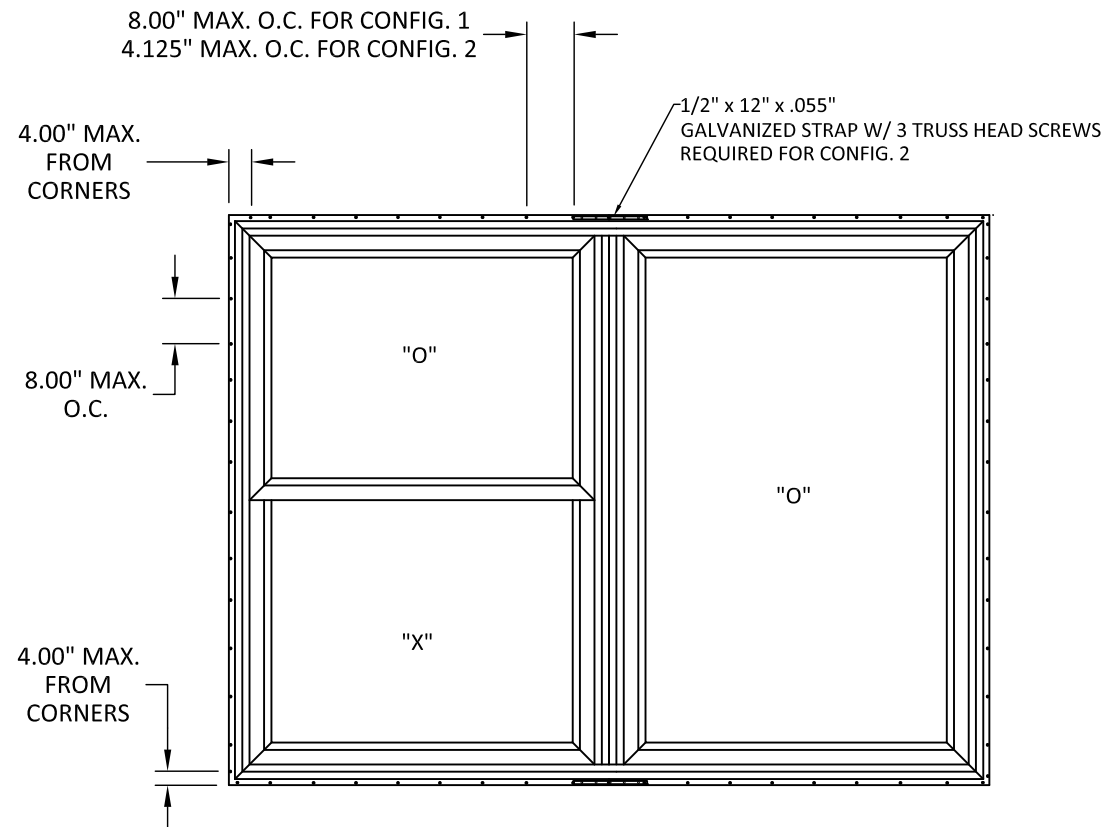


REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
2023 FBC CODE CHANGE	MG	09/25/23
REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

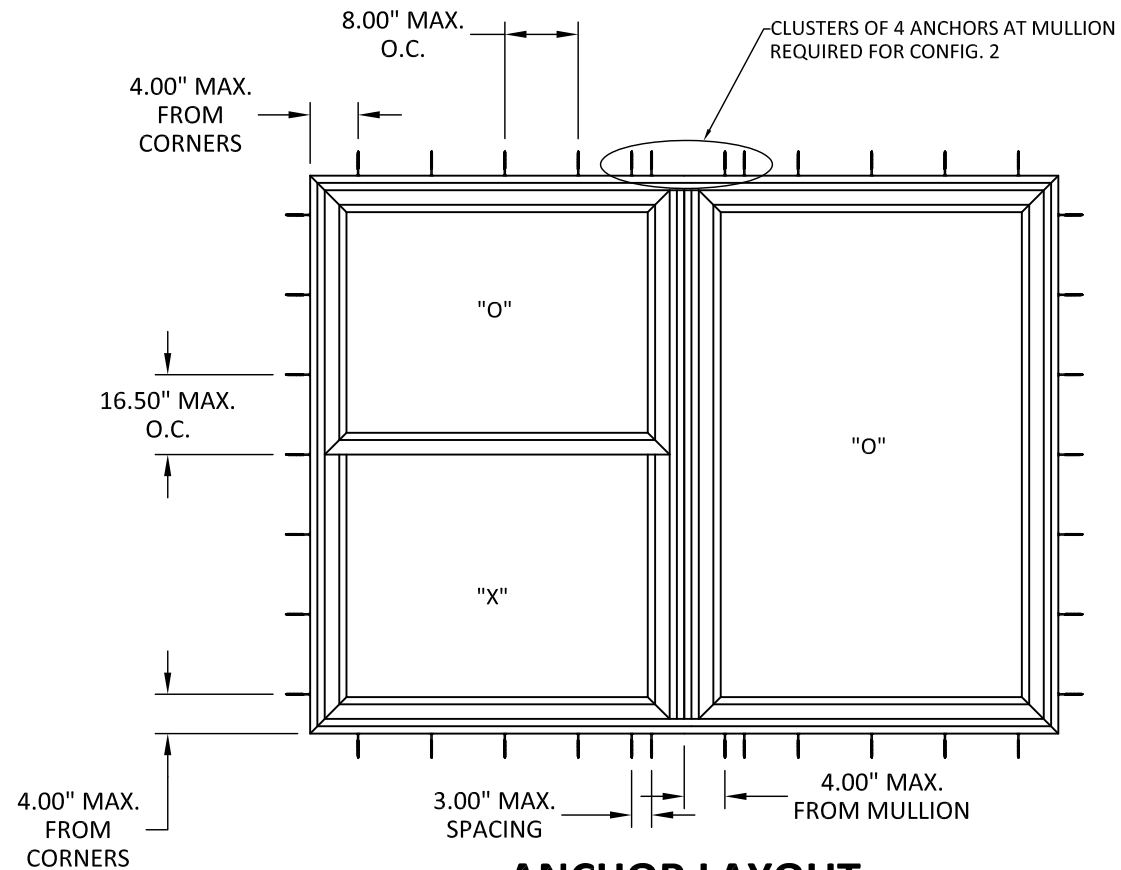
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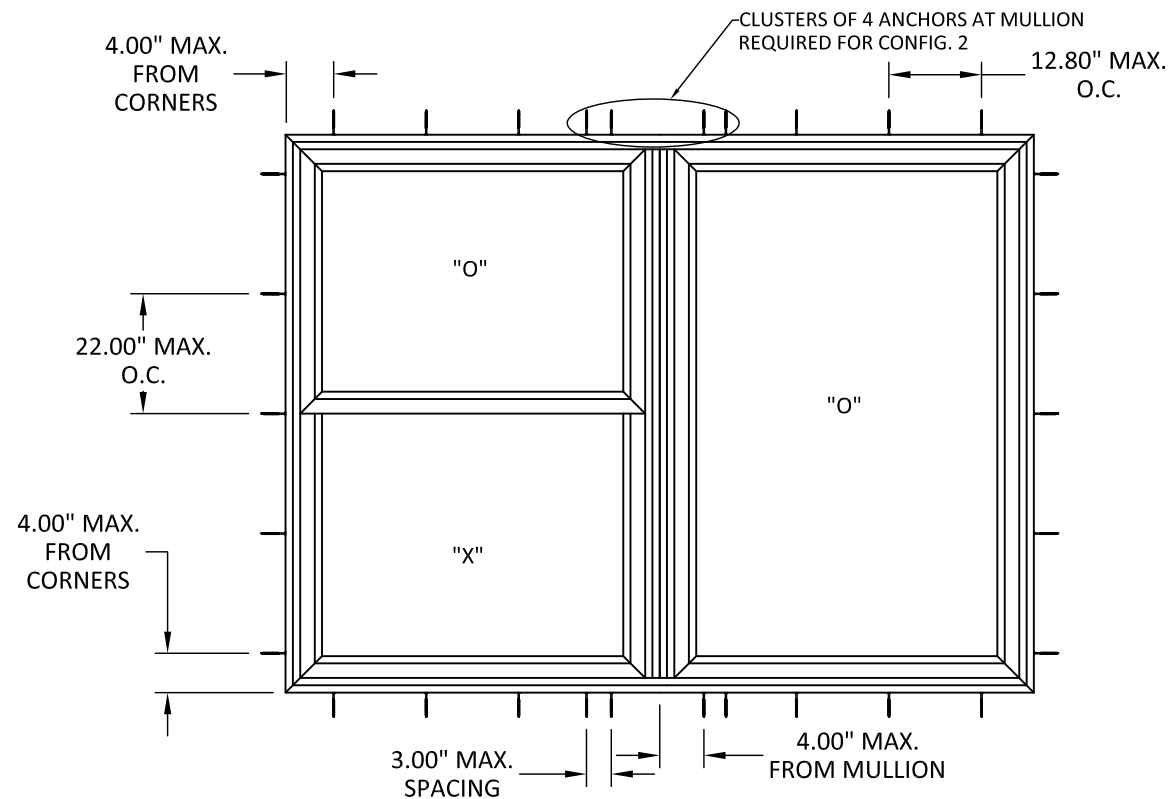
FL #:	FL43981
DATE:	02.12.21
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM005
SHEET:	5



ANCHOR LAYOUT
NAIL FIN - SINGLE HUNG WINDOW
CONFIG. 2



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#8 SCREW



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#10 SCREW & 3/16" TAPCON



SEAWAY MANUFACTURING CORP.
2250 EAST 33RD ST.
ERIE, PA 16510
PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

SINGLE HUNG - FIX
ANCHOR LAYOUTS

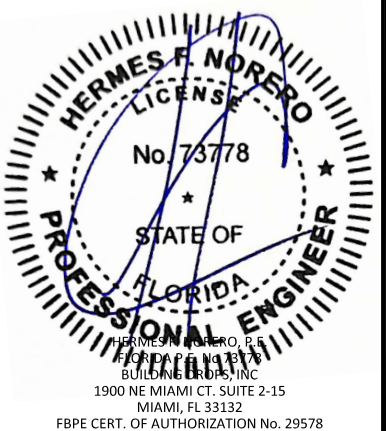
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
2023 FBC CODE CHANGE	MG	09/25/23
REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

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FL #:	FL43981
DATE:	02.12.21
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM005
SHEET:	

6



SEAWAY MANUFACTURING CORP.
2250 EAST 33RD ST.
ERIE, PA 16510
PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

TRIPLE SINGLE HUNG
ELEVATION

PREPARED BY:

BUILDING DROPS, INC.

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

PH: (954)399-8478
FAX: (954)744-4738

WEB: www.buildingdrops.com

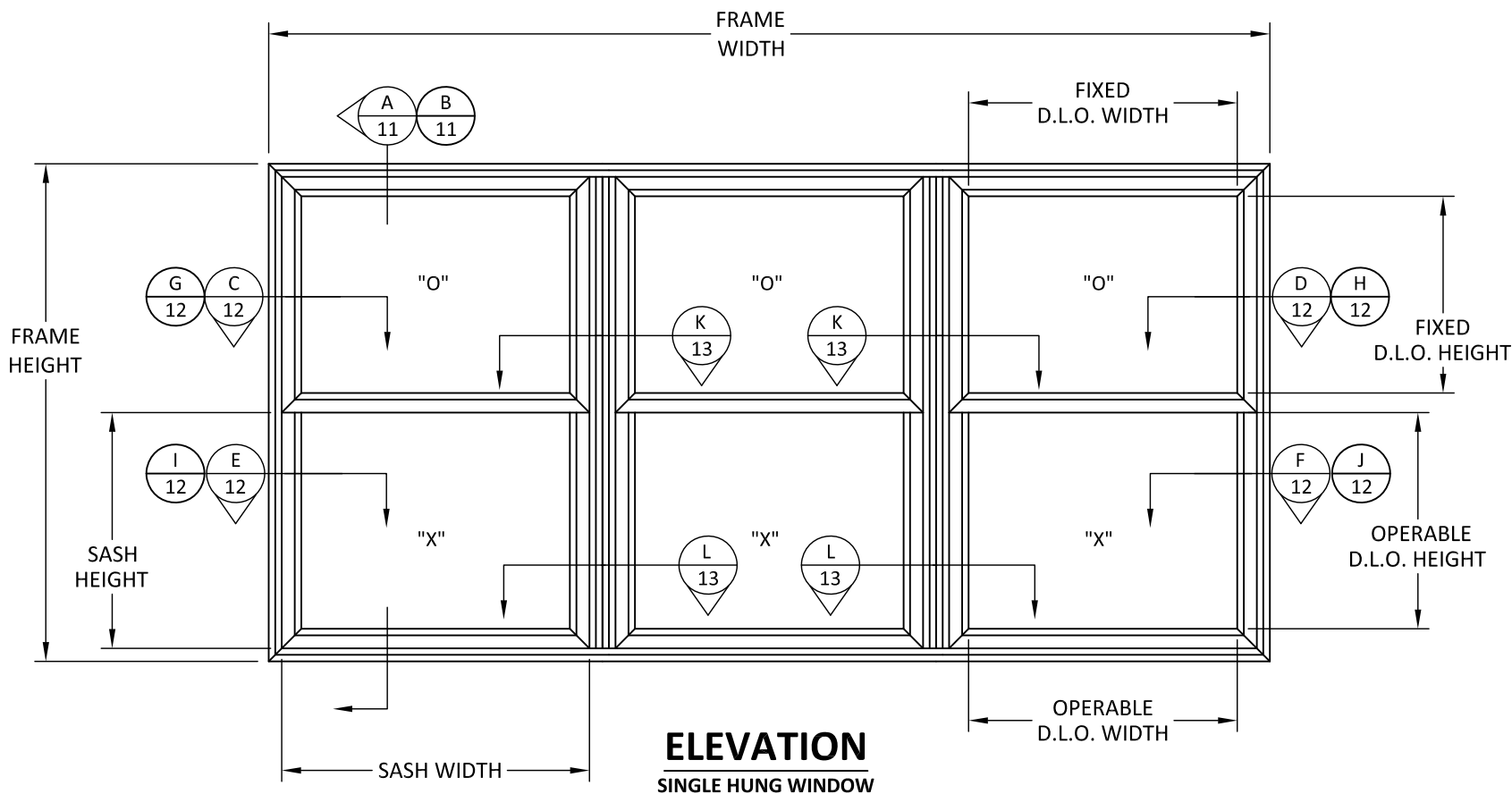


REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
2023 FBC CODE CHANGE	MG	09/25/23
REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

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 #:	FL43981
DATE:	02.12.21
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM005
SHEET:	7



ELEVATION
SINGLE HUNG WINDOW

NOTES:

- ALL FASTENERS ABOVE THE MEETING RAIL IN THE INTERIOR JAMB TRACK MUST BE FLATHEADS.
- SASH HEIGHT: (FRAME HEIGHT/2) - 1"
SASH WIDTH: (FRAME WIDTH/3) - 3.458"
- OPERABLE D.L.O. HEIGHT: SASH HEIGHT - 2 3/4"
OPERABLE D.L.O. WIDTH: SASH WIDTH - 2 3/4"
FIXED D.L.O. HEIGHT: FRAME HEIGHT - SASH HEIGHT - 4"
FIXED D.L.O. WIDTH: (FRAME WIDTH/3) - 4 7/8"
- TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL VERTICAL SPLIT (ORIEL OR COTTAGE STYLE), DETERMINE THE HEIGHT OF THE LARGER SECTION OF THE UNIT IN QUESTION, CALCULATE THE NEW LARGER FRAME HEIGHT USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT, AND THEN INTERPOLATE WITHIN THE TABLE BASED ON THE NEW HEIGHT. SEE LIMITATIONS, SHEET 2.
- DESIGN PRESSURE IS LIMITED TO THE LOWER OF THE SINGLE DESIGN PRESSURE TABLES ON SHEET 2 AND TRIPLE DESIGN PRESSURE TABLES ON CURRENT PAGE.

- TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL HORIZONTAL SPLIT:
- DETERMINE THE WIDTH OF THE LARGER SECTION OF THE UNIT IN QUESTION.
 - CALCULATE THE NEW LARGER FRAME WIDTH USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT.
 - INTERPOLATE WITHIN THE TABLE BASED ON THE NEW WIDTH.

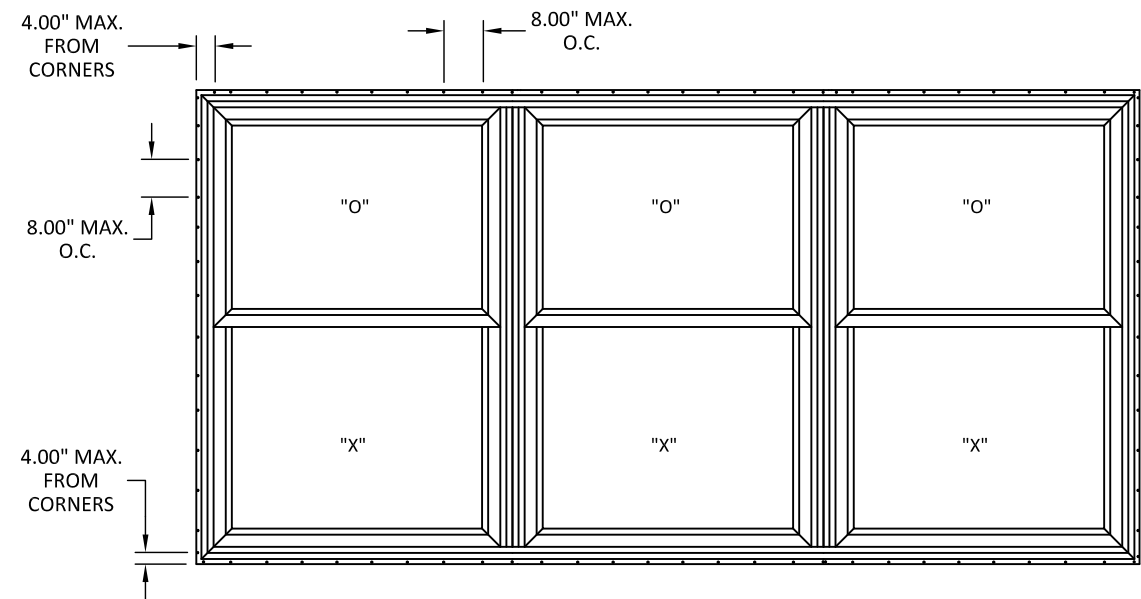
LIMITATIONS:
SMALLER PORTION IS LESS THAN W/3 OF THE OVERALL WIDTH OF THE UNEQUAL SPLIT, AND THE OVERALL FRAME SIZE OF THE UNEVEN SPLIT UNIT IS EQUAL TO OR LESS THAN THAT OF THE EVEN SPLIT UNIT

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
42.0	90.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		65.00	65.00
72.0		57.36	57.36
78.0		44.64	44.64
84.0		35.44	35.44
90.0		28.62	28.62
96.0		23.45	23.45
102.0		19.47	19.47
108.0	96.0	16.34	16.34
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		65.00	65.00
72.0		54.31	54.31
78.0		42.20	42.20
84.0		33.47	33.47
90.0		27.00	27.00
96.0		22.11	22.11
102.0		18.34	18.34
108.0		15.38	15.38
42.0	102.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		62.70	62.70
72.0		51.66	51.66
78.0		40.08	40.08
84.0		31.74	31.74
90.0		25.58	25.58
96.0		20.93	20.93
102.0		17.35	17.35
42.0	108.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		60.45	60.45
72.0		49.35	49.35
78.0		38.22	38.22
84.0		30.23	30.23
90.0		24.34	24.34
96.0		19.89	19.89
102.0		16.48	16.48

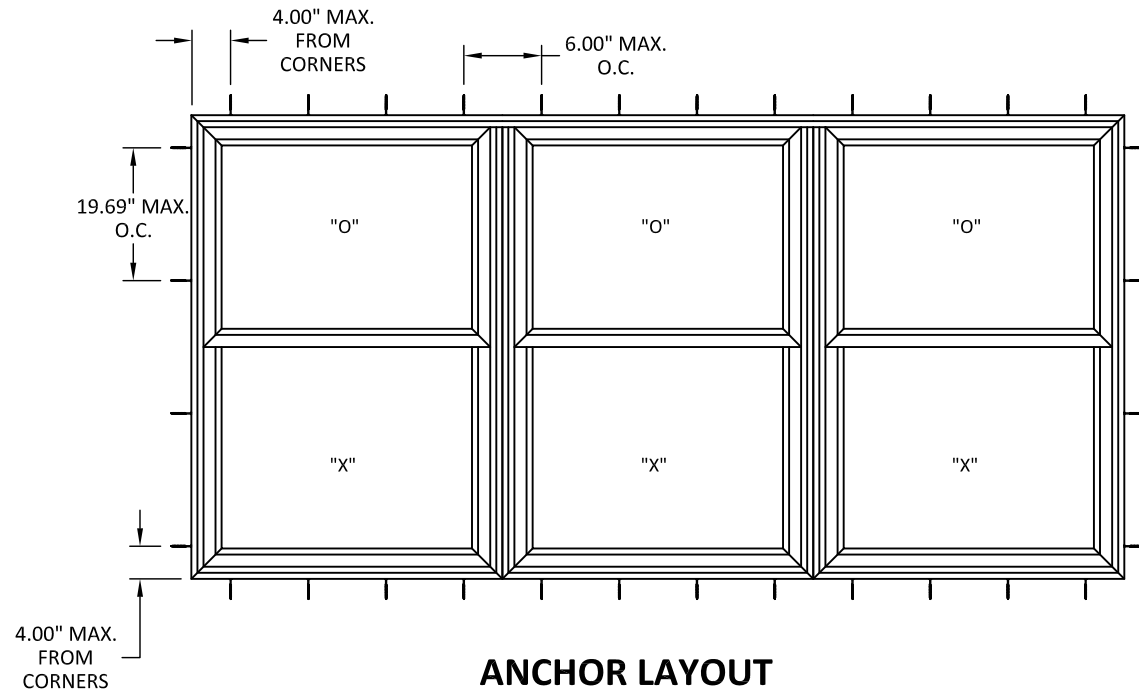
WATER TEST PRESSURE = 9.19 PSF

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
42.0	120.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		56.77	56.77
72.0		45.53	45.53
78.0		41.65	41.65
84.0		35.12	35.12
90.0		22.25	22.25
96.0		18.15	18.15
102.0		15.01	15.01
42.0	126.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		63.77	63.77
66.0		55.27	55.27
72.0		43.95	43.95
78.0		33.84	33.84
84.0		26.64	26.64
90.0		21.37	21.37
96.0		17.41	17.41
42.0	135.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		61.90	61.90
66.0		53.36	53.36
72.0		41.92	41.92
78.0		32.16	32.16
84.0		25.25	25.25
90.0		20.21	20.21
96.0		16.44	16.44
42.0	144.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		60.45	60.45
66.0		51.81	51.81
72.0		40.24	40.24
78.0		30.75	30.75
84.0		24.08	24.08
90.0		19.23	19.23
96.0		15.61	15.61
42.0	153.0	65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		59.37	59.37
66.0		50.57	50.57
72.0		38.84	38.84
78.0		29.57	29.57
84.0		23.07	23.07
90.0		18.38	18.38

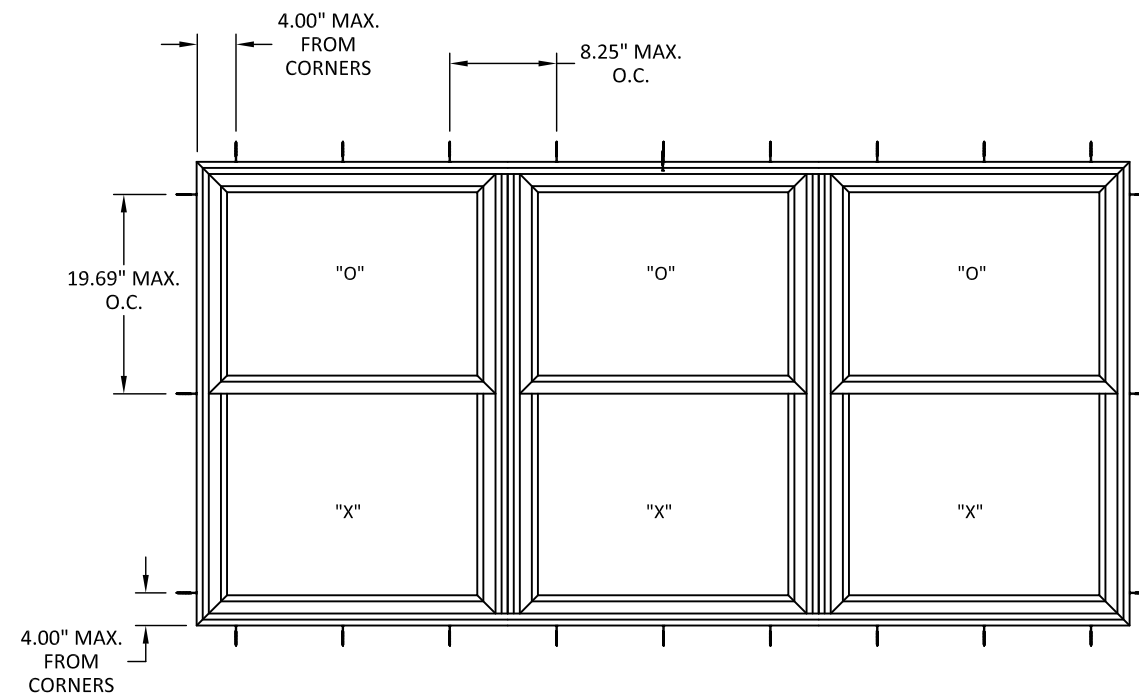
ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
36.0	162.0	65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		58.62	58.62
66.0		49.60	49.60
72.0		37.70	37.70
78.0		28.57	28.57
84.0		22.22	22.22
90.0		17.65	17.65
36.0	171.0	65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		58.17	58.17
66.0		48.80	48.80
72.0		36.77	36.77
78.0		27.73	27.73
84.0		21.49	21.49
90.0		17.02	17.02
36.0	180.0	65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		58.03	58.03
66.0		48.08	48.08
72.0		36.04	36.04
78.0		27.04	27.04
84.0		20.87	20.87
90.0		16.48	16.48
36.0	189.0	65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		63.71	63.71
60.0		57.34	57.34
66.0		47.64	47.64
72.0		35.49	35.49
78.0		26.47	26.47
84.0		20.35	20.35
90.0		16.02	16.02
36.0	198.0	65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		58.05	58.05
60.0		52.25	52.25
66.0		47.50	47.50
72.0		35.10	35.10
78.0		26.03	26.03
84.0		19.91	19.91
90.0		15.61	15.61
36.0	210.0	65.00	65.00
42.0		65.00	65.00
48.0		65.00	65.00
54.0		65.00	65.00
60.0		65.00	65.00
66.0		65.00	65.00
72.0		65.00	65.00
78.0		65.00	65.00
84.0		65.00	65.00
90.0		65.00	65.00



ANCHOR LAYOUT
NAIL FIN - SINGLE HUNG WINDOW



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#8 SCREW



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#10 SCREW & 3/16" TAPCON



SEAWAY MANUFACTURING CORP.
2250 EAST 33RD ST.
ERIE, PA 16510
PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

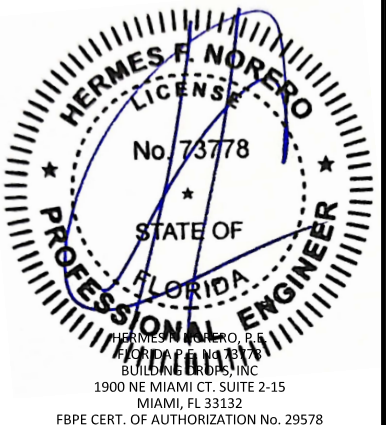
TRIPLE SINGLE HUNG
ANCHOR LAYOUTS

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REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
2023 FBC CODE CHANGE	MG	09/25/23
REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

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FL #:	FL43981
DATE:	02.12.21
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM005
SHEET:	



SEAWAY MANUFACTURING CORP.
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TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

SINGLE HUNG - FIX - SINGLE HUNG
ELEVATION

PREPARED BY:

BUILDING DROPS, INC.

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MIAMI, FL 33132

PH: (954)399-8478

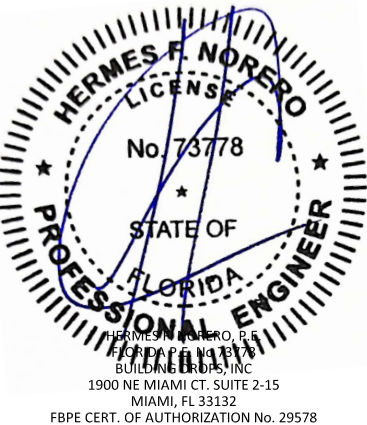
FAX: (954)744-4738

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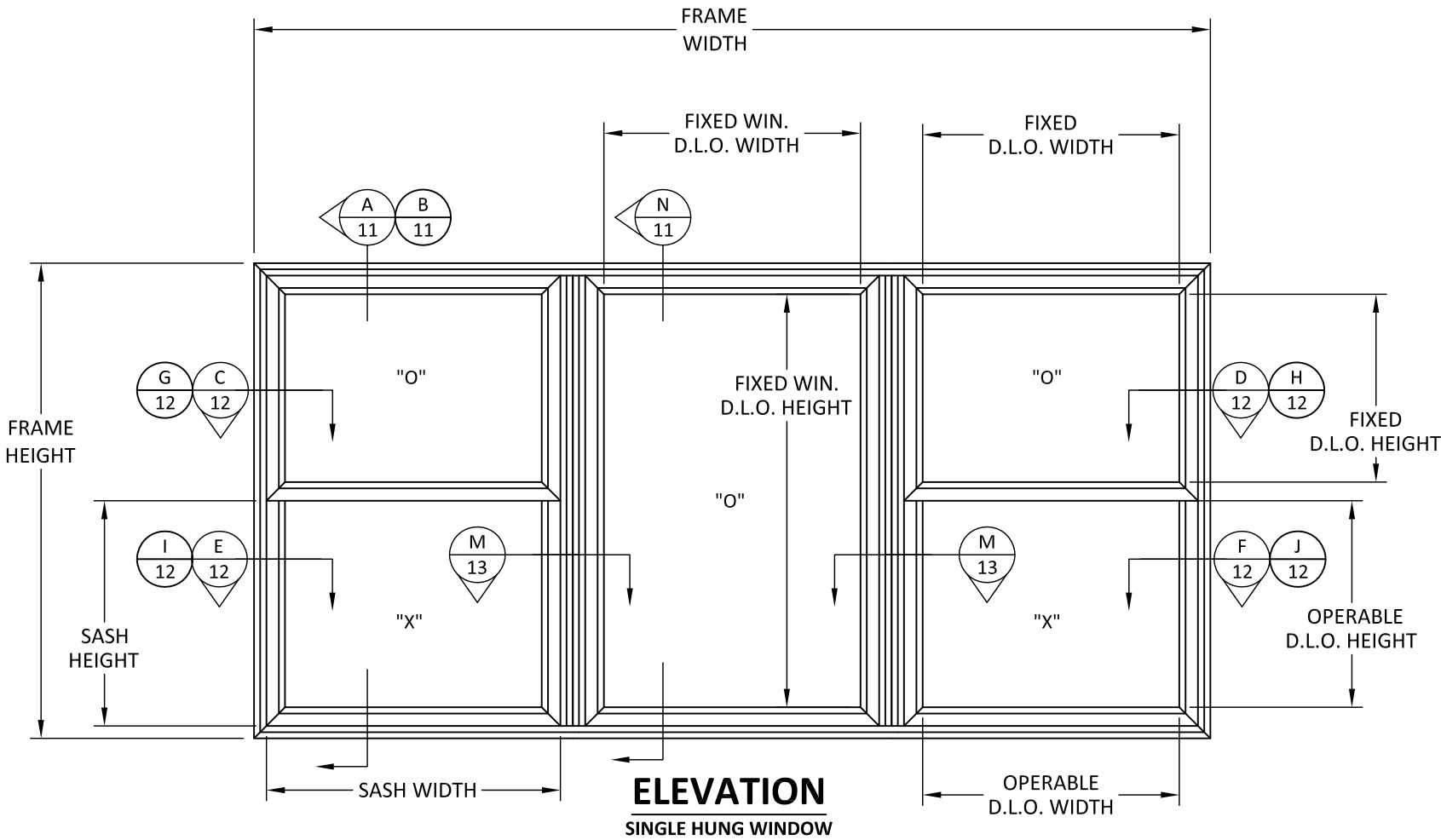


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SCALE:	NTS
DWG. #:	SEM005
SHEET:	9



ELEVATION
SINGLE HUNG WINDOW

NOTES:

- ALL FASTENERS ABOVE THE MEETING RAIL IN THE INTERIOR JAMB TRACK MUST BE FLATHEADS.
- SASH HEIGHT: (FRAME HEIGHT/2) - 1"
SASH WIDTH: (FRAME WIDTH/3) - 3.458"
- OPERABLE D.L.O. HEIGHT: SASH HEIGHT - 2 3/4"
OPERABLE D.L.O. WIDTH: SASH WIDTH - 2 3/4"
FIXED D.L.O. HEIGHT: FRAME HEIGHT - SASH HEIGHT - 4"
FIXED D.L.O. WIDTH: (FRAME WIDTH/3) - 4 7/8"
FIXED WIN. D.L.O. HEIGHT: FRAME HEIGHT - 4.544"
FIXED WIN. D.L.O. WIDTH: (FRAME WIDTH/3) - 4.875"
- TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL VERTICAL SPLIT (ORIEL OR COTTAGE STYLE), DETERMINE THE HEIGHT OF THE LARGER SECTION OF THE UNIT IN QUESTION, CALCULATE THE NEW LARGER FRAME HEIGHT USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT, AND THEN INTERPOLATE WITHIN THE TABLE BASED ON THE NEW HEIGHT. SEE LIMITATIONS, SHEET 2.
- DESIGN PRESSURE IS LIMITED TO THE LOWER OF THE SINGLE DESIGN PRESSURE TABLES ON SHEET 2 AND TRIPLE DESIGN PRESSURE TABLES ON CURRENT PAGE.

- TO CALCULATE THE DESIGN PRESSURE FOR AN UNEQUAL HORIZONTAL SPLIT:
- DETERMINE THE WIDTH OF THE LARGER SECTION OF THE UNIT IN QUESTION.
 - CALCULATE THE NEW LARGER FRAME WIDTH USING THIS LARGER SECTION AND ASSUMING IT IS NOW PART OF A STANDARD "EQUAL" SPLIT.
 - INTERPOLATE WITHIN THE TABLE BASED ON THE NEW WIDTH.

LIMITATIONS:
SMALLER PORTION IS LESS THAN W/3 OF THE OVERALL WIDTH OF THE UNEQUAL SPLIT, AND THE OVERALL FRAME SIZE OF THE UNEVEN SPLIT UNIT IS EQUAL TO OR LESS THAN THAT OF THE EVEN SPLIT UNIT

NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	CONFIG 1	CONFIG 2
		EXT. (+) INT. (-)	EXT. (+) INT. (-)
42.0	90.0	52.94	55.00
48.0		48.43	55.00
54.0		45.10	51.54
60.0		42.62	48.71
66.0		39.24	44.85
72.0		35.97	41.11
78.0		33.21	37.95
84.0		27.44	31.36
90.0		22.16	25.33
96.0		18.16	20.76
102.0		15.07	17.23
42.0	96.0	51.95	55.00
48.0		47.35	54.12
54.0		43.92	50.20
60.0		41.33	47.23
66.0		39.24	44.85
72.0		35.97	41.11
78.0		32.68	37.35
84.0		25.91	29.62
90.0		20.91	23.89
96.0		17.12	19.57
42.0	102.0	51.11	55.00
48.0		46.44	53.08
54.0		42.93	49.07
60.0		40.25	46.00
66.0		38.18	43.64
72.0		35.97	41.11
78.0		31.03	35.47
84.0		24.58	28.09
90.0		19.81	22.64
96.0		16.21	18.52
42.0	108.0	50.39	55.00
48.0		45.66	52.19
54.0		42.09	48.11
60.0		39.34	44.96
66.0		37.19	42.51
72.0		35.52	40.59
74.0		35.00	40.00
78.0		29.59	33.82
84.0		23.41	26.75
90.0		18.84	21.54
96.0		15.40	17.60

NOMINAL DIMS.		DESIGN PRESSURE	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	CONFIG 1	CONFIG 2
		EXT. (+) INT. (-)	EXT. (+) INT. (-)
42.0	120.0	49.20	55.00
48.0		44.39	50.74
54.0		40.73	46.55
60.0		37.88	43.29
66.0		35.63	40.72
72.0		32.92	38.06
74.0		32.15	36.74
78.0		27.20	31.08
84.0		21.45	24.51
90.0		17.23	19.69
42.0	126.0	49.20	55.00
48.0		43.87	50.14
54.0		40.18	45.92
60.0		37.29	42.62
66.0		34.99	39.99
72.0		32.92	37.63
78.0		26.20	29.94
84.0		20.63	23.57
90.0		16.54	18.91
42.0	135.0	48.07	54.93
48.0		43.19	49.36
54.0		39.46	45.10
60.0		36.53	41.75
66.0		34.19	39.07
72.0		31.32	35.80
78.0		24.90	28.46
84.0		19.55	22.35
90.0		15.65	17.89
42.0	144.0	54.12	55.00
48.0		47.52	54.31
54.0		42.62	48.71
60.0		38.85	44.40
66.0		35.89	41.02
72.0		33.51	38.30
78.0		29.98	34.27
84.0		23.81	27.22
90.0		18.64	21.31
42.0	153.0	53.67	55.00
48.0		47.05	53.77
54.0		42.12	48.14
60.0		38.33	43.81
66.0		35.34	40.39
72.0		32.93	37.64
78.0		28.87	32.99
84.0		22.89	26.16
90.0		17.87	20.42

WATER TEST PRESSURE = 7.52 PSF

NOTES:
CONFIG. 2 REQUIRES ADDITIONAL STRAP/CLUSTER OF ANCHORS AT THE MULLION. SEE SHEET 10 FOR MORE DETAILS.



SEAWAY MANUFACTURING CORP.
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TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

SINGLE HUNG - FIX - SINGLE HUNG
ANCHOR LAYOUTS

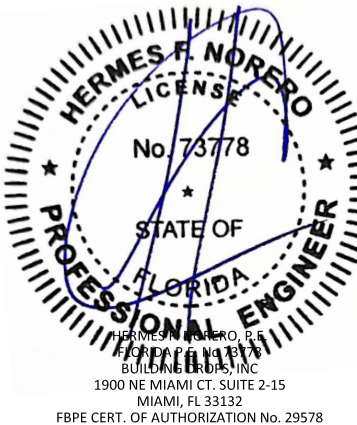
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MIAMI, FL 33132
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FAX: (954)744-4738
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REMARKS	BY	DATE
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REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

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FL43981

DATE: 02.12.21

DWG. BY:
ER

CHK. BY:
HFN

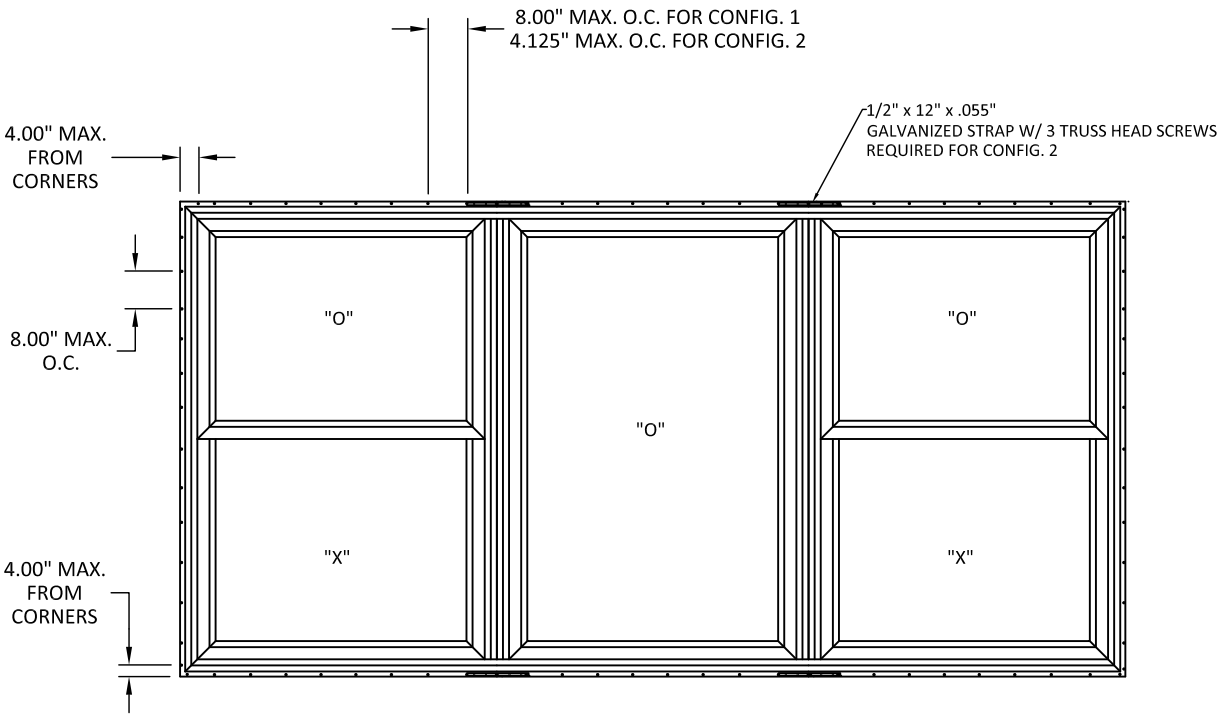
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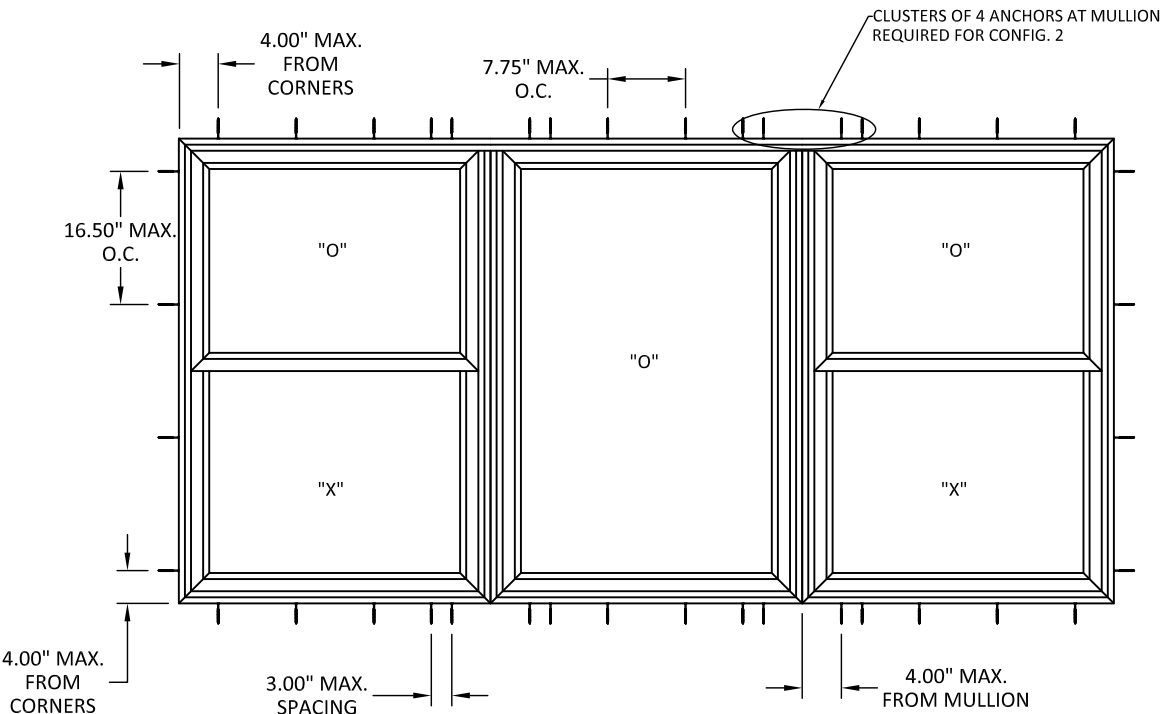
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10

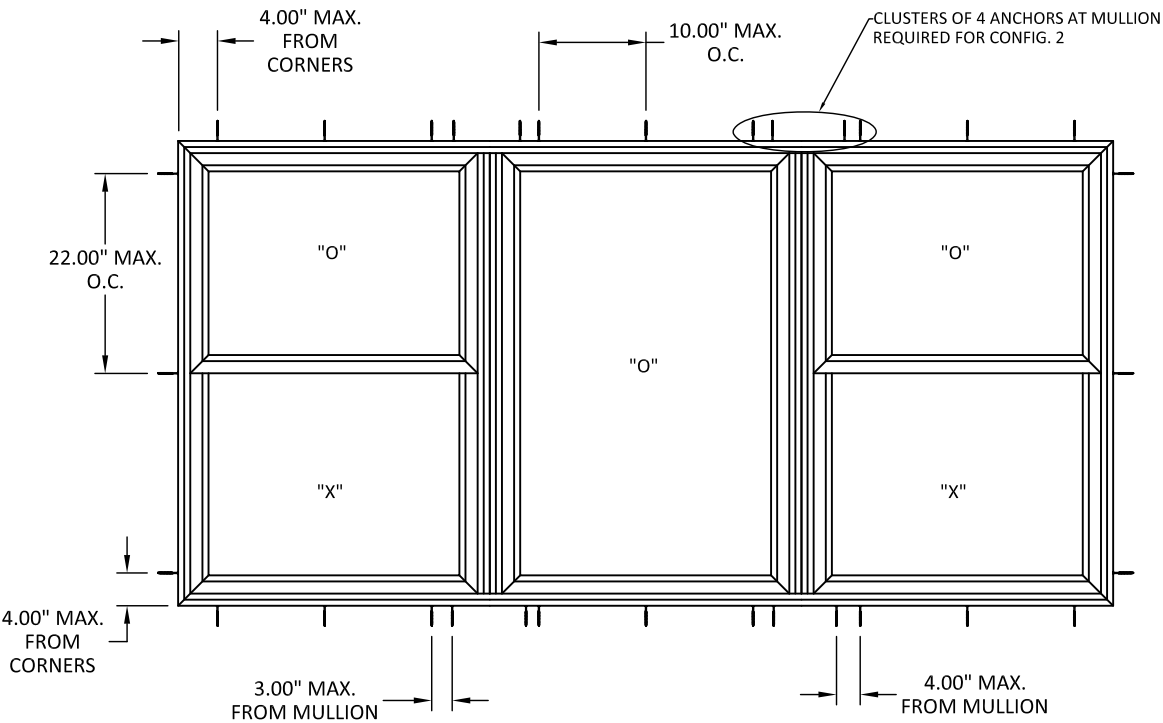
OF 14



ANCHOR LAYOUT
NAIL FIN - SINGLE HUNG WINDOW



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#8 SCREW



ANCHOR LAYOUT
THROUGH FRAME - SINGLE HUNG WINDOW
#10 SCREW & 3/16" TAPCON



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TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

VERTICAL SECTIONS

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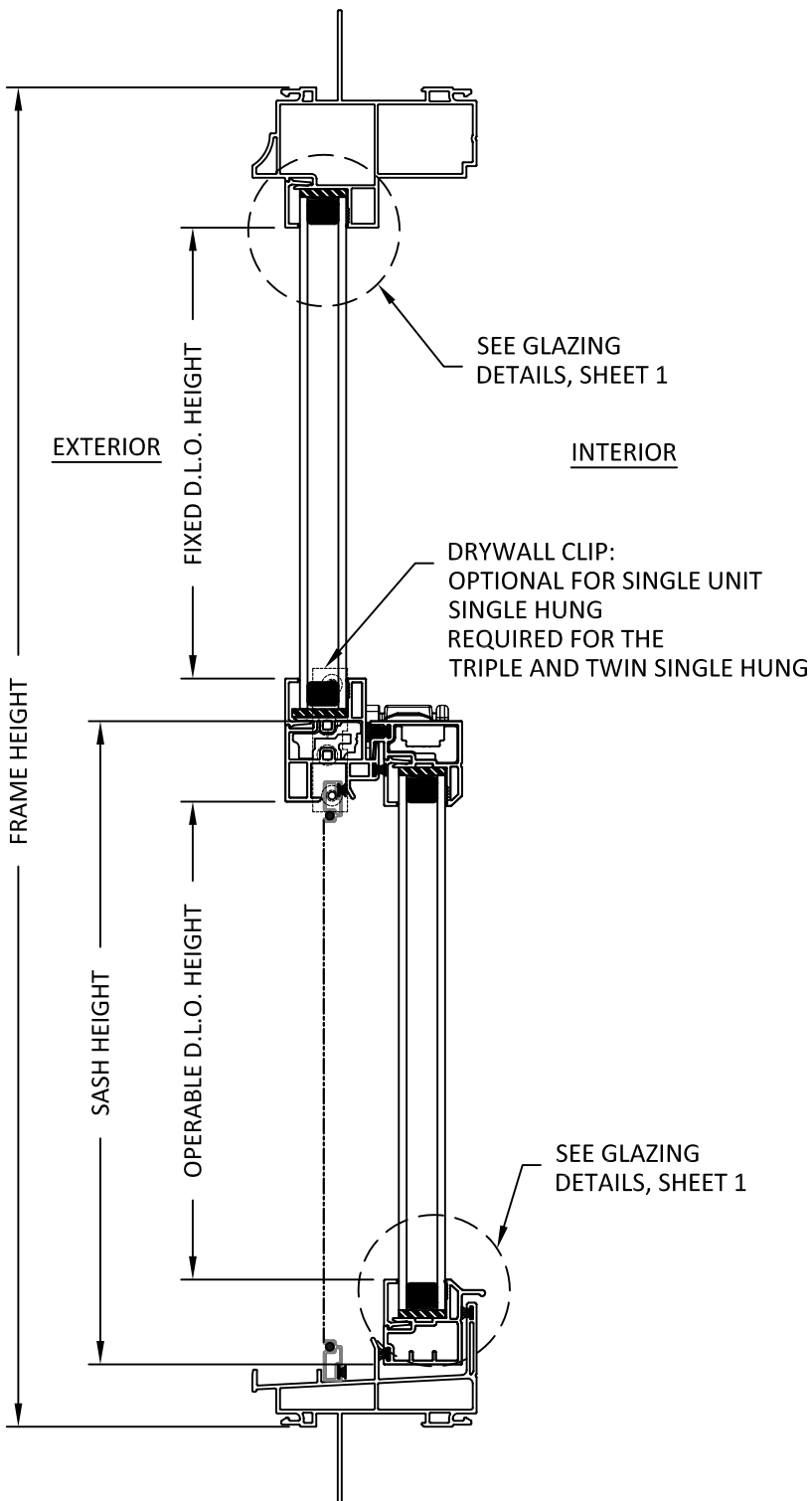


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REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

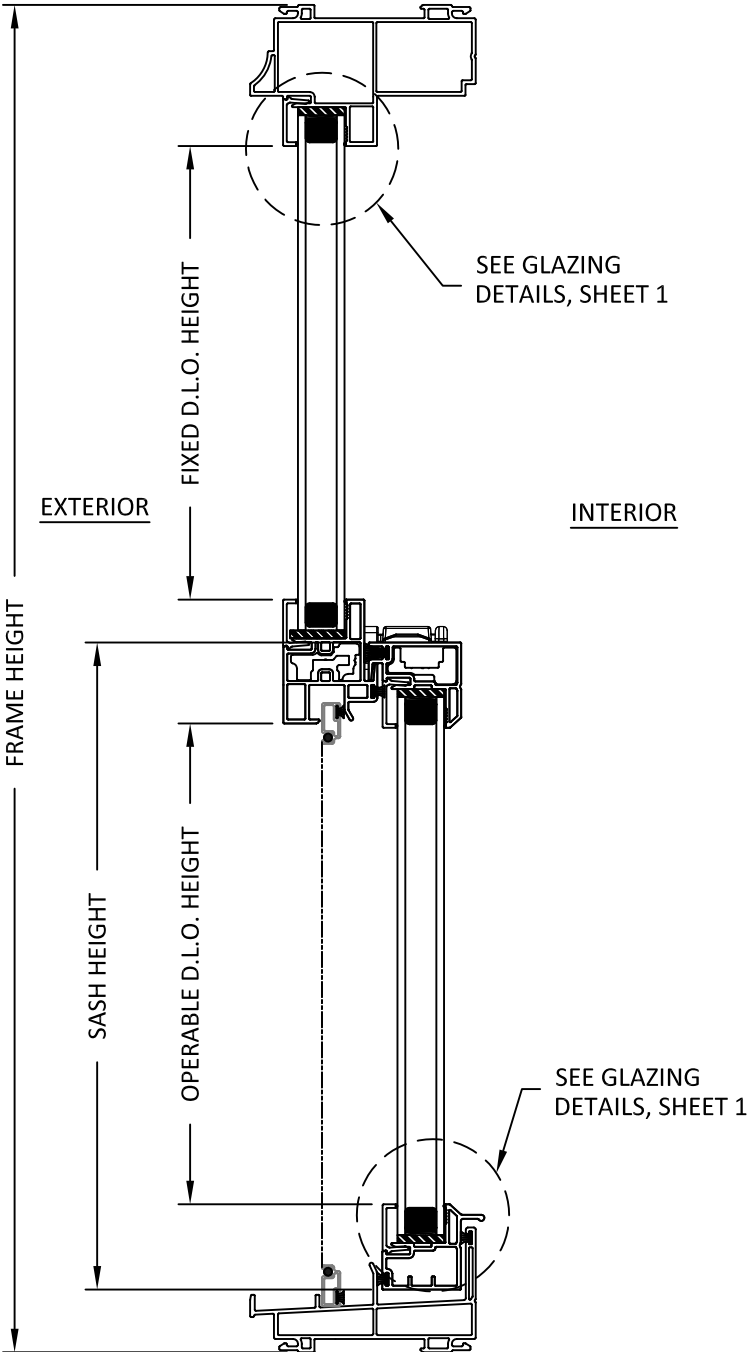
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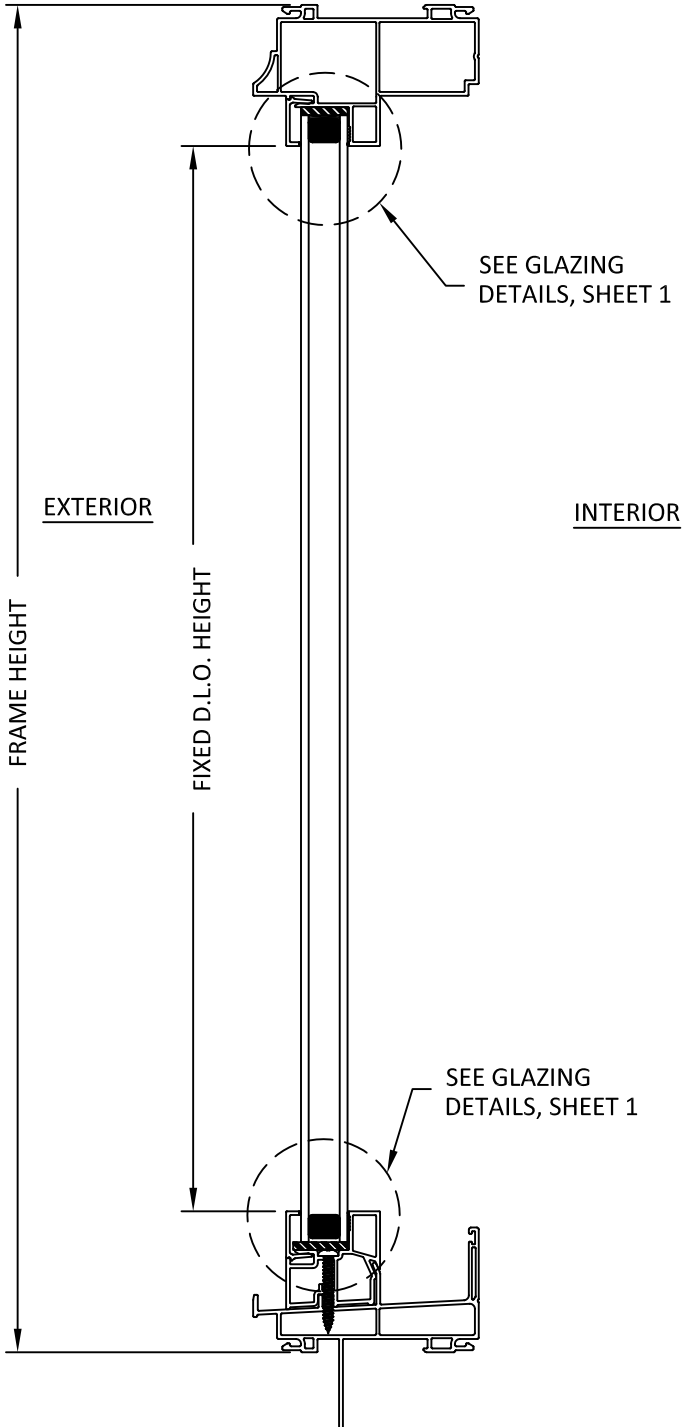
FL #:	FL43981
DATE:	02.12.21
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM005
SHEET:	11



A
11 VERTICAL SECTION
NAIL FIN



B
11 VERTICAL SECTION
THROUGH FRAME



N
11 VERTICAL SECTION
NAIL FIN



SEAWAY MANUFACTURING CORP.
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ERIE, PA 16510
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TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

HORIZONTAL SECTIONS

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REMARKS	BY	DATE
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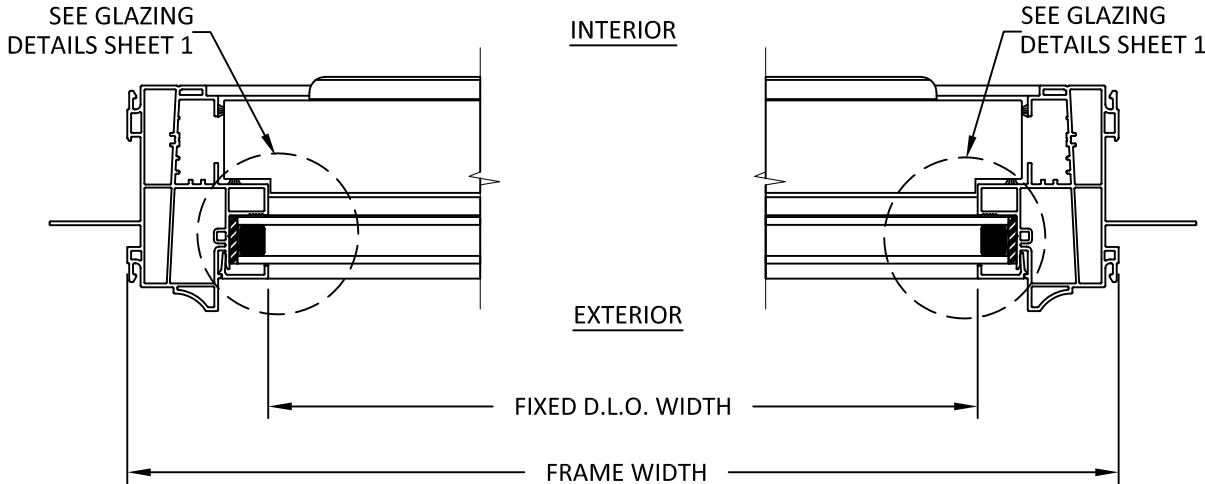
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SCALE:	NTS
DWG. #:	SEM005
SHEET:	

12

OF 14



C
12

HORIZONTAL SECTION

UPPER SASH - NAIL FIN

D
12

HORIZONTAL SECTION

UPPER SASH - NAIL FIN

G
12

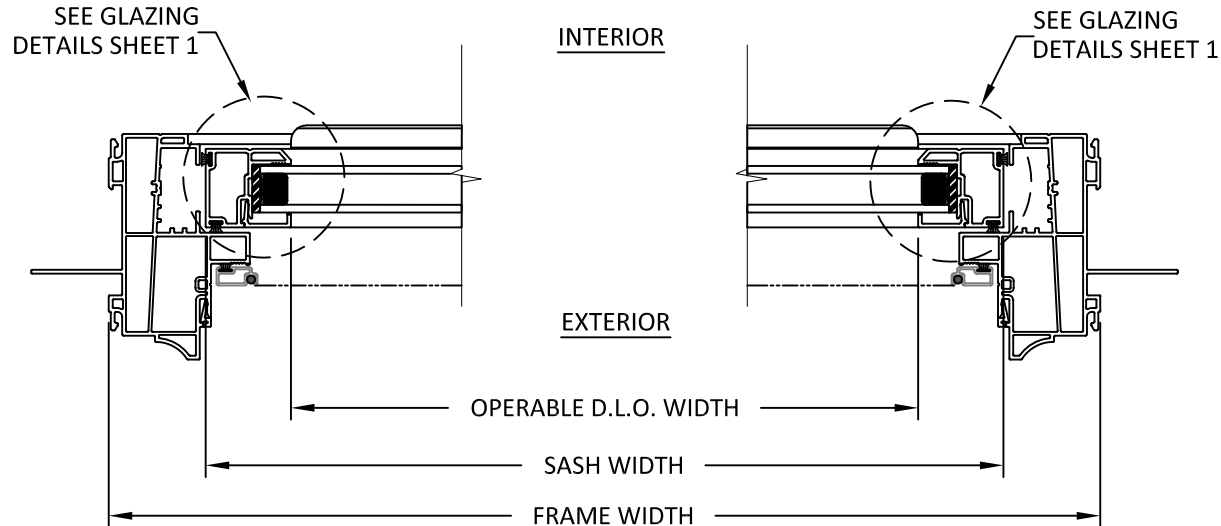
HORIZONTAL SECTION

UPPER SASH - THROUGH FRAME

H
12

HORIZONTAL SECTION

UPPER SASH - THROUGH FRAME



E
12

HORIZONTAL SECTION

LOWER SASH - NAIL FIN

F
12

HORIZONTAL SECTION

LOWER SASH - NAIL FIN

I
12

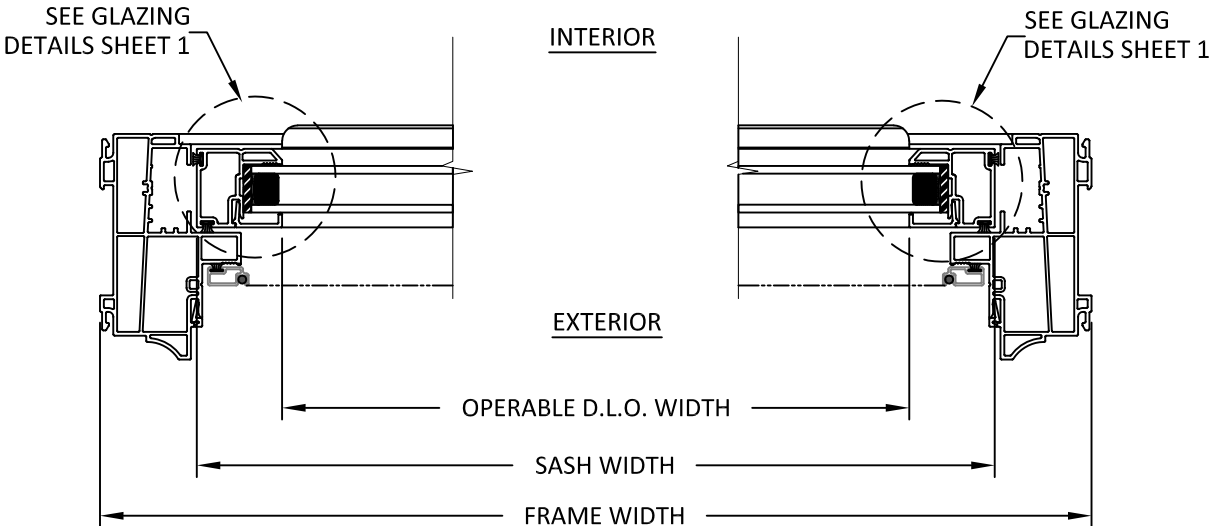
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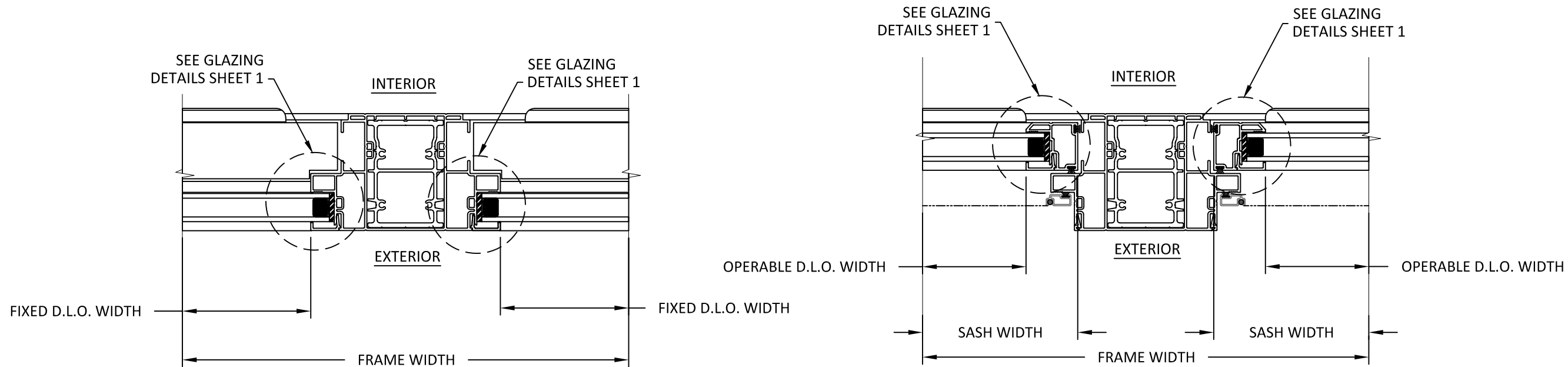
LOWER SASH - THROUGH FRAME

J
12

HORIZONTAL SECTION

LOWER SASH - THROUGH FRAME



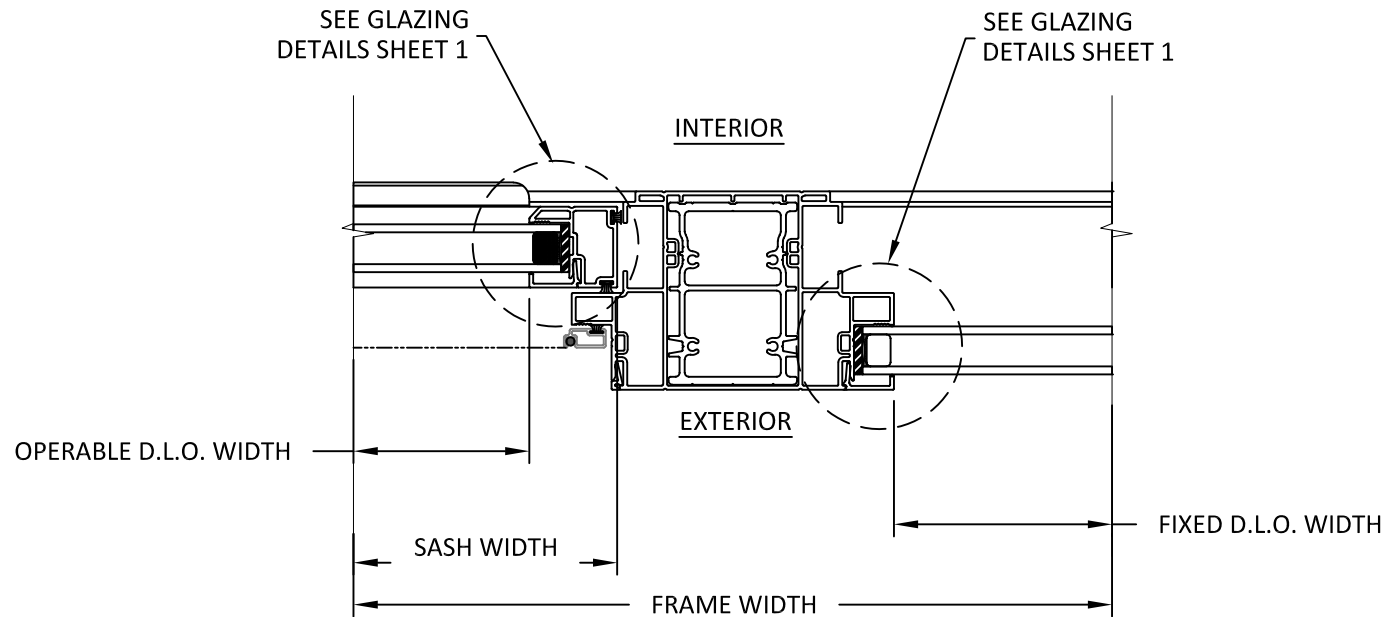


K
13

HORIZONTAL SECTION
UPPER SASH - MULLION

L
13

HORIZONTAL SECTION
LOWER SASH - MULLION



M
13

HORIZONTAL SECTION
MULLION



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TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

HORIZONTAL SECTIONS
CONTINUED

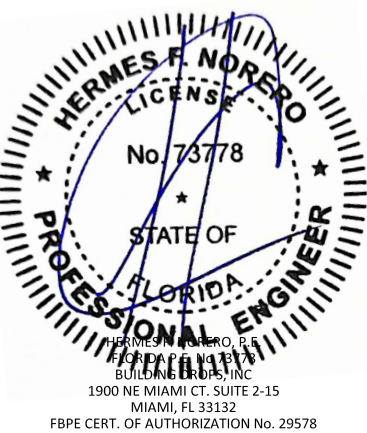
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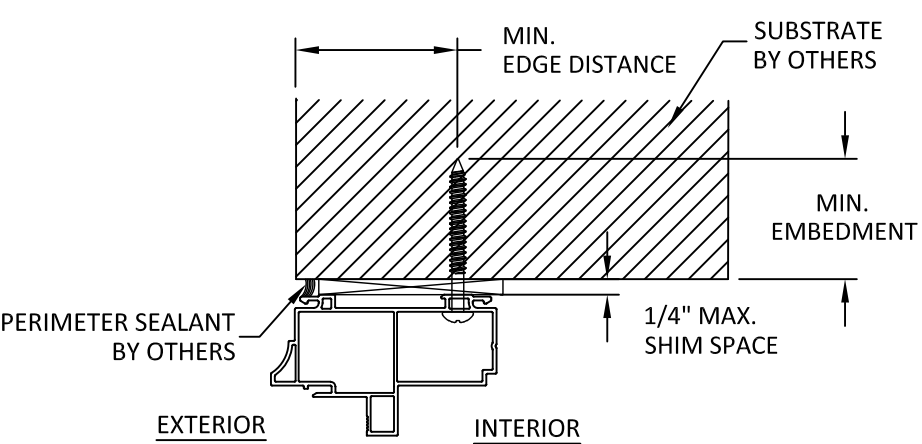
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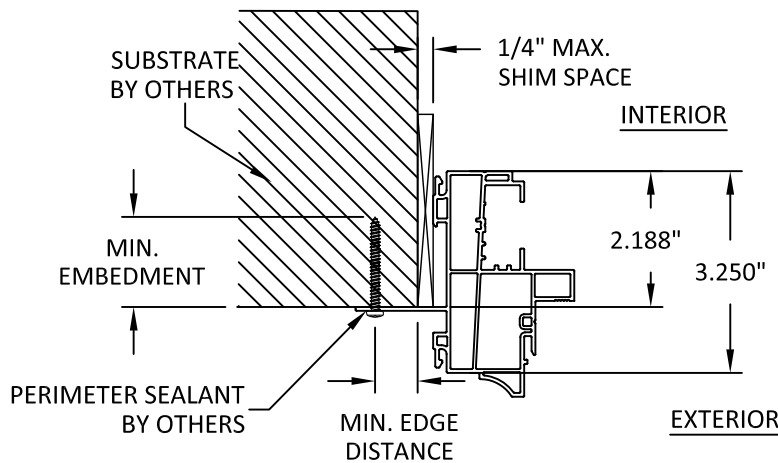
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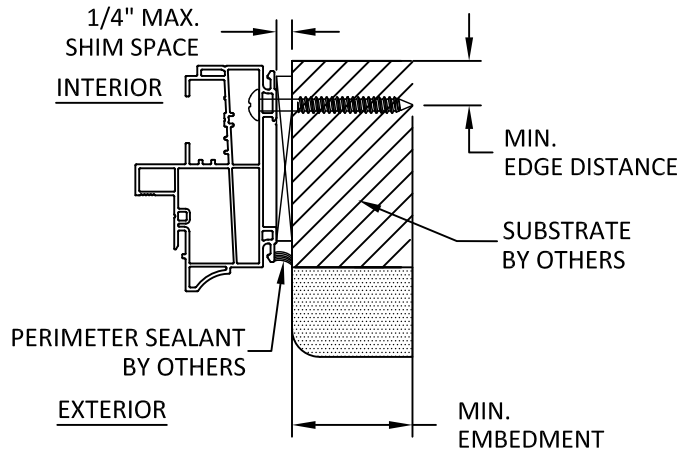
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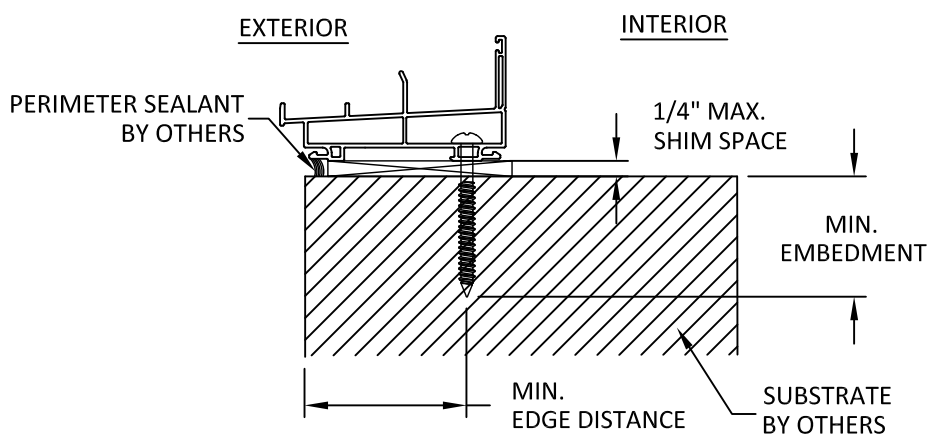
A
14
ANCHOR DETAIL
THROUGH FRAME (HEAD)



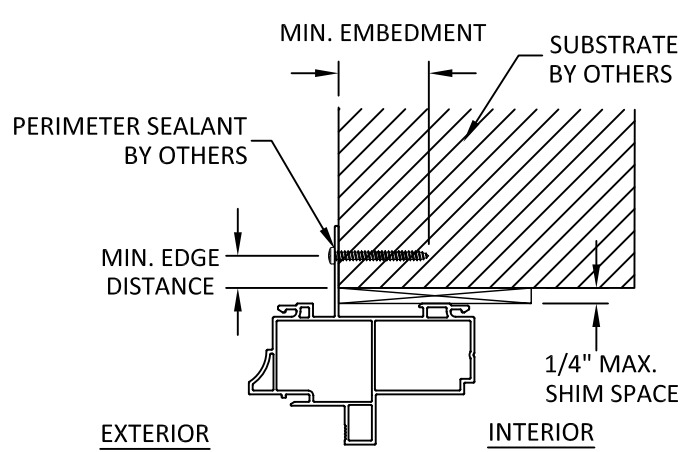
D
14
ANCHOR DETAIL
NAIL FIN (JAMB)



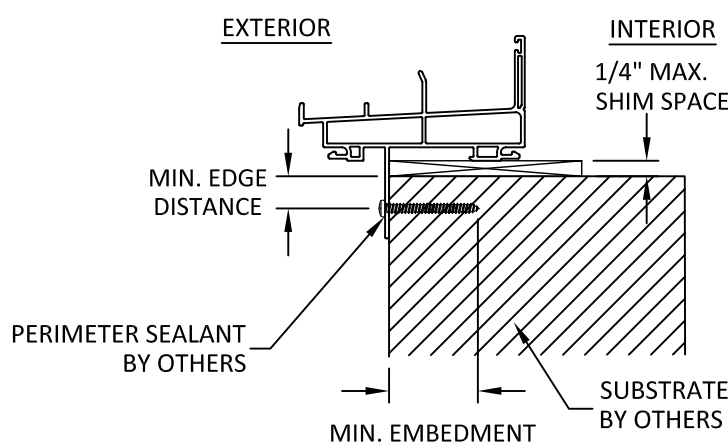
B
14
ANCHOR DETAIL
THROUGH FRAME (JAMB)



E
14
ANCHOR DETAIL
THROUGH FRAME (SILL)



C
14
ANCHOR DETAIL
NAIL FIN (HEAD)



F
14
ANCHOR DETAIL
NAIL FIN (SILL)

INSTALLATION NOTES:

1. PER FMA/AAMA 100 FOR NAIL FIN INSTALLATION: APPLY A THICK, CONTINUOUS BEAD OF SEALANT ON THE INTERIOR SURFACE OF THE MOUNTING FIN ON THE HEAD AND JAMBS. AT THE SILL, APPLY A HEAVY, DISCONTINUOUS BEAD OF SEALANT ON THE INTERIOR SURFACE OF THE MOUNTING FIN, LEAVING A 2" VOID WITHIN 4" OF EACH PERIMETER JAMB (TOTAL OF 2 VOIDS PER WINDOW ALONG THE SILL). LOCATE THE SEALANT BEAD ALONG THE INSIDE EDGE OF THE FASTENER SLOTS.
2. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
3. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
4. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
5. FOR THROUGH FRAME INSTALLATION, SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). FOR NAIL FIN INSTALLATION, SHIM AS REQUIRED TO ACHIEVE SQUARE AND PLUMB, INCLUDING AT EACH STRUCTURAL CLIP LOCATED AT THE MIDPOINT OF THE VERTICAL SASH STILES, 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.
6. FOR MASONRY OR CONCRETE OPENINGS, 1X WOOD BUCK MAY BE USED (OPTIONAL AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
9. 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.
10. 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.
11. FOR INSTALLATION ANCHORS ABOVE THE MEETING RAIL IN THE INTERIOR JAMB TRACK, USE FLAT HEAD ANCHORS.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAILING FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW PAN HEAD OR 2" GALVANIZED ROOFING NAILS (1/8" SHANK DIA., 3/8" HEAD DIA. MIN.)	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
THROUGH FRAME	WOOD: MIN. SG = 0.55	#8 OR #10 WOOD SCREW PAN HEAD	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#8 OR #10 PAN HEAD SDS	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	CONCRETE: f _c =3000PSI	3/16" ITW TAPCON FLAT HEAD	1.25"	1.75"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON FLAT HEAD	1.25"	1.75"



SEAWAY MANUFACTURING CORP.
2250 EAST 33RD ST.
ERIE, PA 16510
PH: (814) 898-2255
FX: (814) 899-5556

TITLE: SINGLE-HUNG WINDOWS
(NON-HVHZ)(NON-IMPACT)

INSTALLATION NOTES &
ANCHOR DETAILS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
TWIN & TRIPLE SH ADDITION	DI	02/06/23
2023 FBC CODE CHANGE	MG	09/25/23
REVISED TABLES	DI	12/02/24
A. ADDED ADAPTER	DI	10/13/25

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 #: **FL43981**

DATE: **02.12.21**

DWG. BY:
ER

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **SEM005**

SHEET:

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