

SEAWAY MANUFACTURING CORP.

EPIPHANY CASEMENT WINDOWS

(NON-HVHZ)(NON-IMPACT)

60 Years of Excellence
Seaway
Manufacturing Corp.
Windows-Doors-Sunrooms

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

TITLE: EPIPHANY CASEMENT
WINDOWS
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES & GLAZING DETAIL

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

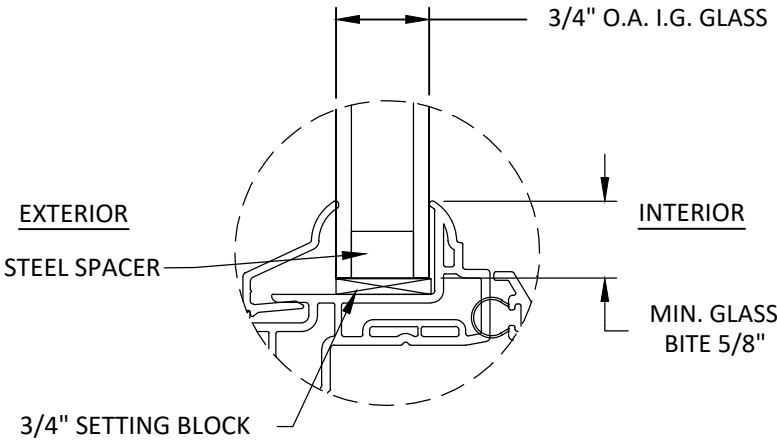
BD
BUILDING DROPS

GENERAL NOTES:

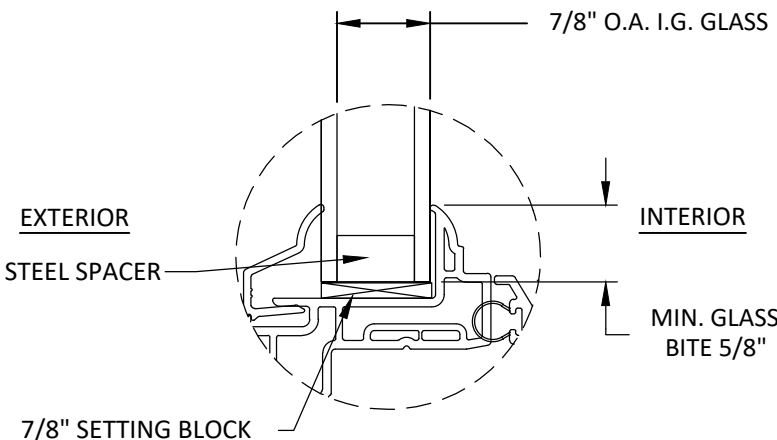
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: uPVC
- 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	SEE SHEET 2	X	SEE SHEET 2	NON IMPACT
SEE SHEET 3	SEE SHEET 3	XX	SEE SHEET 3	NON IMPACT
SEE SHEET 4	SEE SHEET 4	XO	SEE SHEET 4	NON IMPACT
SEE SHEET 5	SEE SHEET 5	XOX	SEE SHEET 5	NON IMPACT

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAIL
2	ELEVATION & ANCHOR LAYOUTS
3	ELEVATION & ANCHOR LAYOUTS
4	ELEVATION & ANCHOR LAYOUTS
5	ELEVATION
6	ANCHOR LAYOUTS
7	VERTICAL SECTIONS
8	HORIZONTAL SECTIONS
8	INSTALLATION NOTES & ANCHOR DETAILS



GLAZING DETAIL



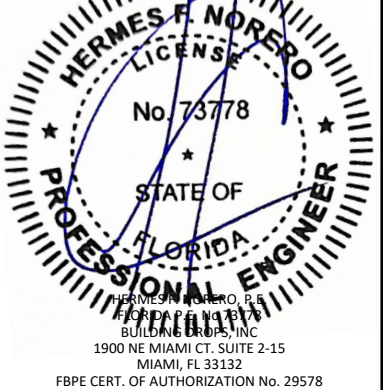
GLAZING DETAIL

NOTE:
ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC AND ASTM E 1300 GLASS LOAD RESISTANCE.

REMARKS	BY	DATE
2023 FBC CODE CHANGE	MG	09/25/23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.10.23 14:28:27 -0400



FL #:

FL41944

DATE: 02.07.23

DWG. BY: DI

CHK. BY: HFN

SCALE: NTS

DWG. #: SEM002

SHEET:

1

OF 9

TITLE: EPIPHANY CASEMENT
WINDOWS
(NON-HVHZ)(NON-IMPACT)

ELEVATIONS & ANCHOR LAYOUTS

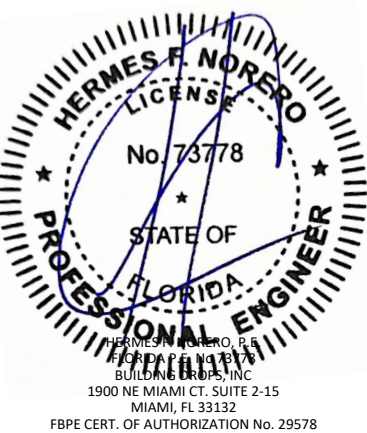
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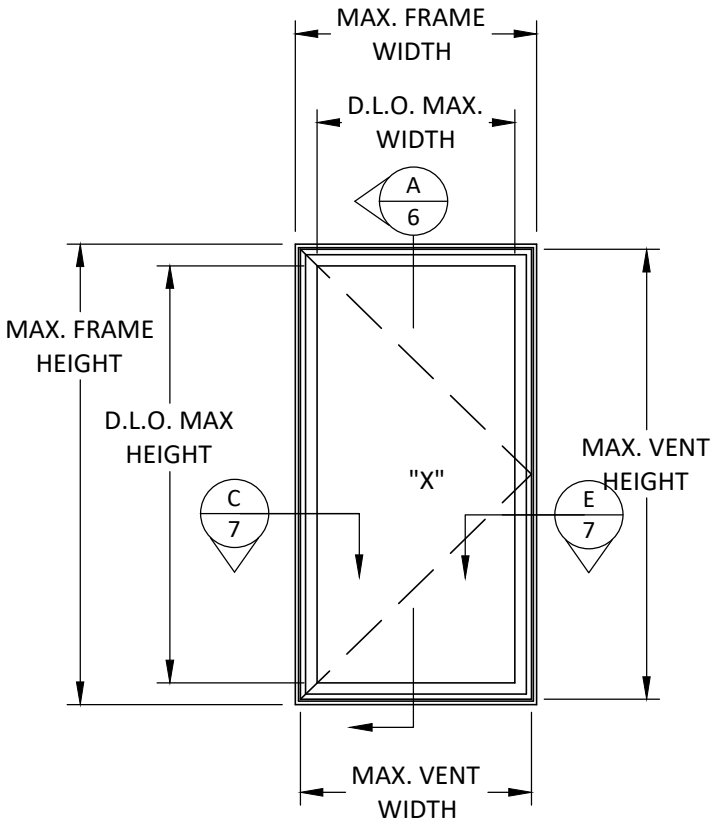


FL #:	FL41944
DATE:	02.07.23
DWG. BY:	DI
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM002
SHEET:	2

ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		GLASS TYPE '1'	
FRAME WIDTH 'in.'	FRAME HEIGHT 'in.'	EXT. (+)	INT. (-)
24	24	55	-55
30		55	-55
36		55	-55
40*		55	-55
42		55	-55
48		55	-55
54		55	-55
60		55	-55
66	30	55	-55
72		55	-55
78		55	-55
84		55	-55
24		55	-55
30		55	-55
36		55	-55
40*		55	-55
42		55	-55
48	36	55	-55
54		55	-55
60		55	-55
66		55	-55
72		55	-55
78		55	-55
84		55	-55
24	42	55	-55
30		55	-55
36		55	-55
40*		55	-55
46		55	-55
52		55	-55
58		55	-55
54		55	-55

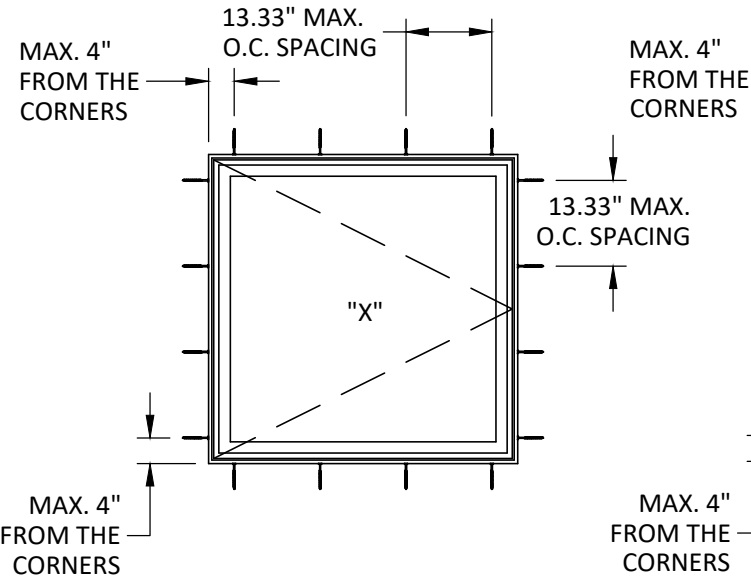
ALLOWABLE DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		GLASS TYPE '1'	
FRAME WIDTH 'in.'	FRAME HEIGHT 'in.'	EXT. (+)	INT. (-)
24	48	55	-55
30		55	-55
36		55	-55
40*		51.56	-51.56
42		49.11	-49.11
48		42.97	-42.97
54		42.97	-42.97
24	54	55	-55
30		55	-55
36		55	-55
40*		51.56	-51.56
42		49.11	-49.11
48		42.97	-42.97
24	60	55	-55
30		55	-55
36		55	-55
40*		51.56	-51.56
42		49.11	-49.11
24	66	55	-55
30		55	-55
36		55	-55
40*		51.56	-51.56
42		49.11	-49.11
24	71.5	55	-55
30		55	-55
38		55	-55
40*		51.56	-51.56
42		49.11	-49.11
24	76*	55	-55
30		55	-55
36		55	-55
40*		51.56	-51.56
46		49.11	-49.11
52		49.11	-49.11
58		49.11	-49.11
54	84	55	-55
60		55	-55
66		55	-55
72		55	-55
78		55	-55
84		55	-55
90		55	-55
96		55	-55

NOTE:
* INDICATES MAX. WIDTH OR
HEIGHT FOR OPERABLE SASH

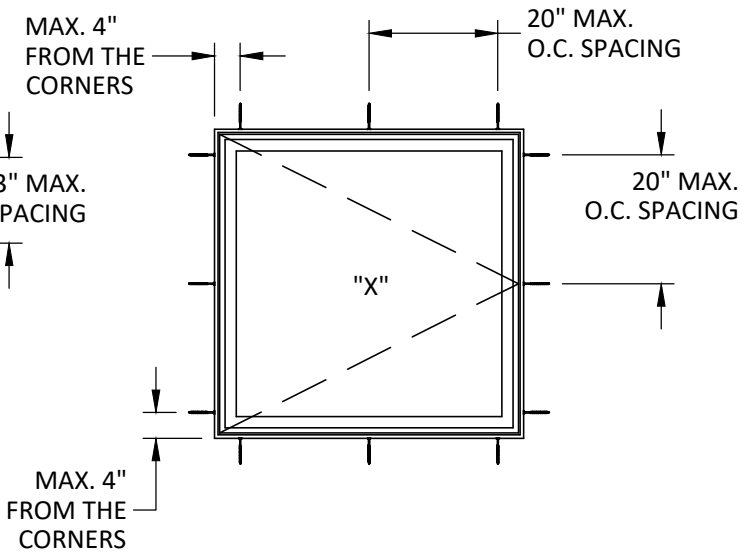


ELEVATION
CASEMENT WINDOW

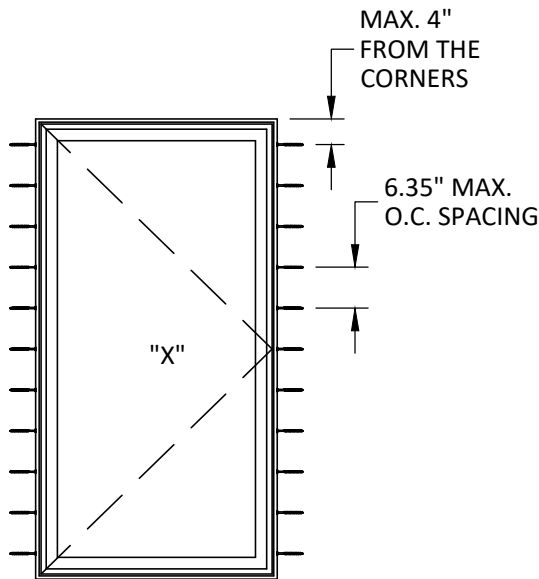
VENT HEIGHT = FRAME HEIGHT - 1 5/8"
VENT WIDTH = FRAME WIDTH - 1 5/8"
D.L.O. HEIGHT = FRAME HEIGHT - 6 3/4"
D.L.O. WIDTH = FRAME WIDTH - 6 3/4"



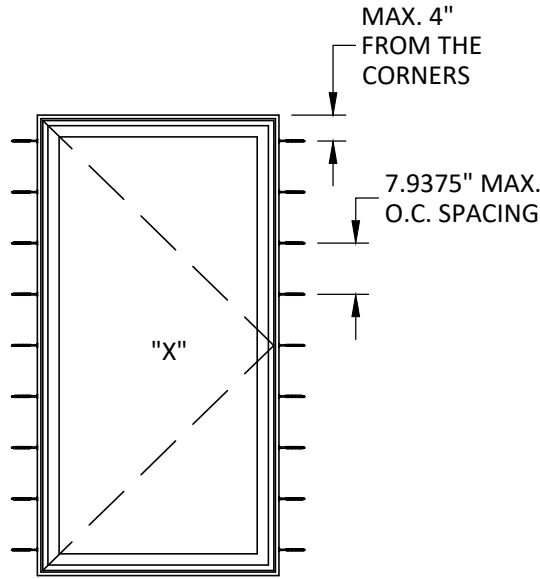
ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
FOR FRAME WIDTH > 37.5"
#8 SCREW LAYOUT



ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
FOR FRAME WIDTH > 37.5"
#10 SCREW & 3/16" TAPCON LAYOUT



ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
#8 SCREW LAYOUT

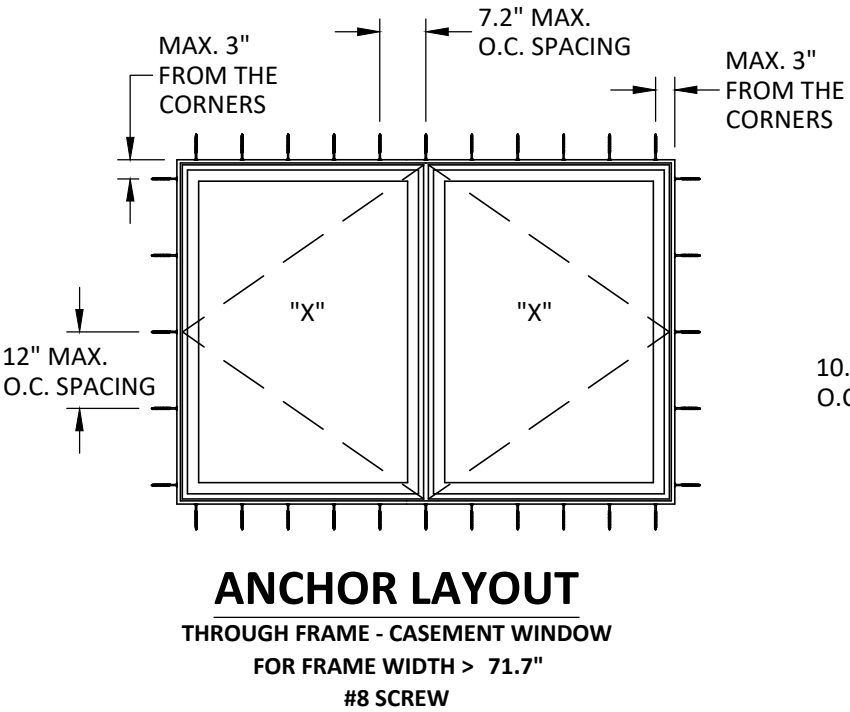
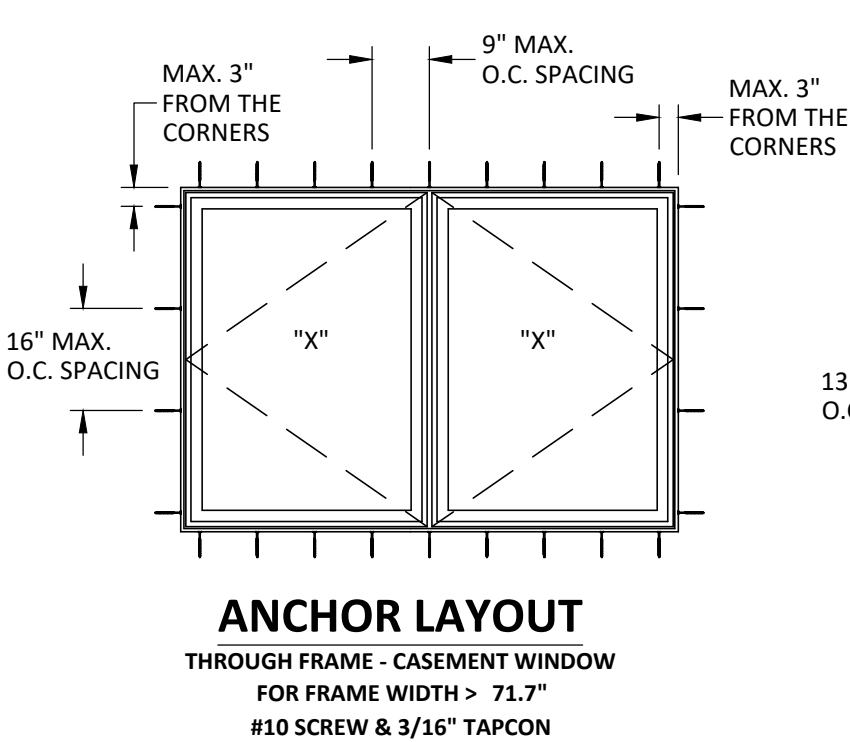
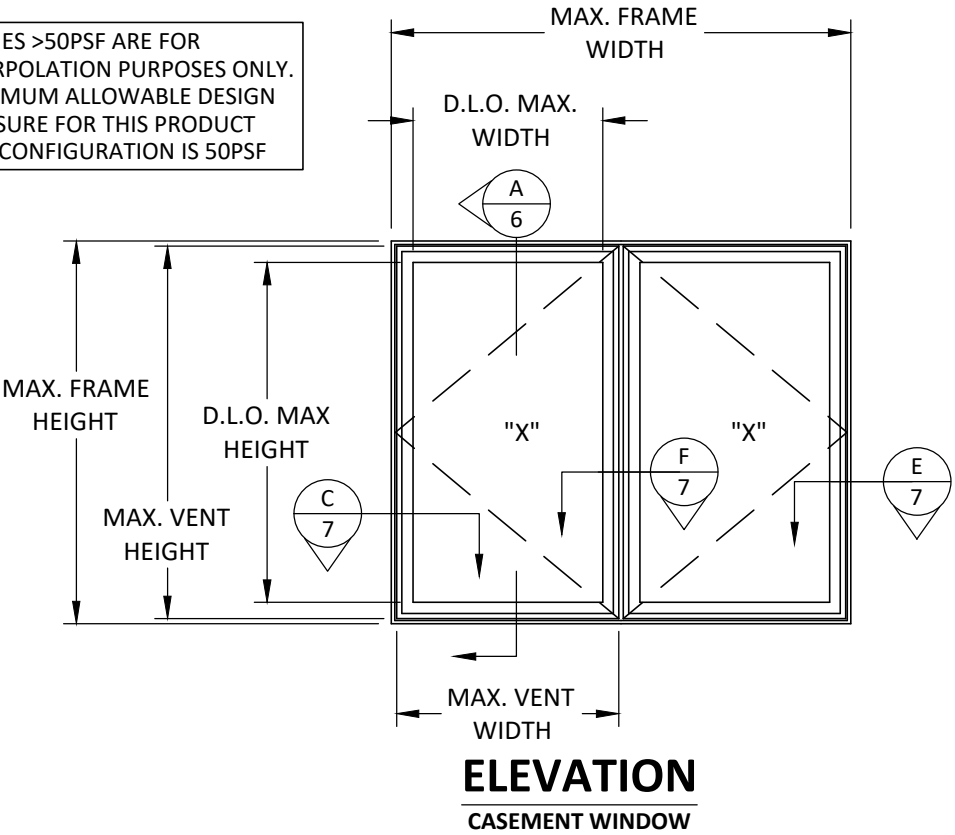


ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
#10 SCREW & 3/16" TAPCON LAYOUT

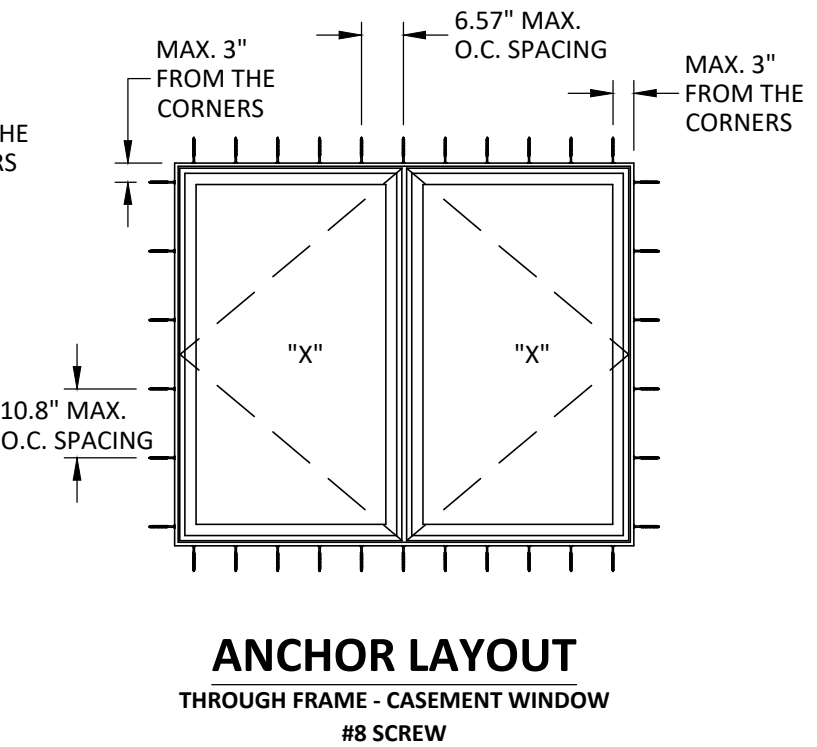
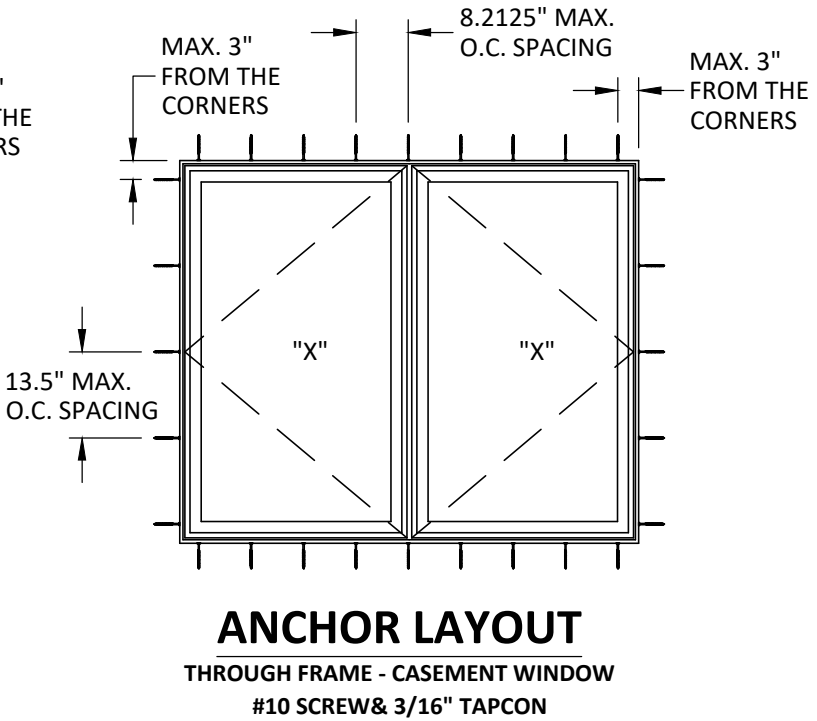
ALLOWABLE DESIGN PRESSURE (PSF)					
NOMINAL DIMS.				DESIGN PRESSURE	
POST SPACING OPERABLE	POST SPACING	OA FRAME WIDTH	FRAME HEIGHT	EXT. (+)	INT. (-)
'in.'	'in.'	'in.'	'in.'		
24	24	48	48	55	-55
30		54		55	-55
36		60		55	-55
40		64		55	-55
24	30	54		55	-55
30		60		55	-55
36		66		55	-55
40		70		55	-55
24	36	60		55	-55
30		66		55	-55
36		72		55	-55
40		76		55	-55
24	40	64		55	-55
30		70		55	-55
36		76		55	-55
40		80		55	-55
24	24	48	54	55	-55
30		54		55	-55
36		60		55	-55
40		64		55	-55
24	30	54		55	-55
30		60		55	-55
36		66		55	-55
40		70		55	-55
24	36	60		55	-55
30		66		55	-55
36		72		55	-55
40		76		55	-55
24	40	64		55	-55
30		70		55	-55
36		76		55	-55
40		80		55	-55
24	24	48	60	55	-55
30		54		55	-55
36		60		55	-55
40		64		53.6	-53.6
24	30	54		55	-55
30		60		55	-55
36		66		52.5	-52.5
40		70		50.7	-50.7
24	36	60		55	-55
30		66		52.5	-52.5
36		72		49.8	-49.8
40		76		48.0	-48.0
24	40	64		53.6	-53.6
30		70		50.7	-50.7
36		76		48.0	-48.0
40		80		46.3	-46.3

ALLOWABLE DESIGN PRESSURE (PSF)					
NOMINAL DIMS.				DESIGN PRESSURE	
POST SPACING OPERABLE	POST SPACING	OA FRAME WIDTH	FRAME HEIGHT	EXT. (+)	INT. (-)
'in.'	'in.'	'in.'	'in.'		
24	24	48	66	51.1	-51.1
30		54		46.0	-46.0
36		60		42.1	-42.1
40		64		40.0	-40.0
24	30	54		46.0	-46.0
30		60		42.1	-42.1
36		66		39.0	-39.0
40		70		37.3	-37.3
24	36	60		42.1	-42.1
30		66		39.0	-39.0
36		72		36.5	-36.5
40		76		35.1	-35.1
24	40	64		40.0	-40.0
30		70		37.3	-37.3
36		76		35.1	-35.1
40		80		33.8	-33.8
24	24	48	72	39.0	-39.0
30		54		35.1	-35.1
36		60		32.0	-32.0
40		64		30.3	-30.3
24	30	54		35.1	-35.1
30		60		32.0	-32.0
36		66		29.5	-29.5
40		70		28.2	-28.2
24	36	60		32.0	-32.0
30		66		29.5	-29.5
36		72		27.5	-27.5
40		76		26.4	-26.4
24	40	64		30.3	-30.3
30		70		28.2	-28.2
36		76		26.4	-26.4
40		80		25.4	-25.4
24	24	48	76	33.0	-33.0
30		54		29.6	-29.6
36		60		27.0	-27.0
40		64		25.5	-25.5
24	30	54		29.6	-29.6
30		60		27.0	-27.0
36		66		24.9	-24.9
40		70		23.7	-23.7
24	36	60		27.0	-27.0
30		66		24.9	-24.9
36		72		23.2	-23.2
40		76		22.2	-22.2
24	40	64		25.5	-25.5
30		70		23.7	-23.7
36		76		22.2	-22.2
40		80		21.3	-21.3

VALUES >50PSF ARE FOR INTERPOLATION PURPOSES ONLY. MAXIMUM ALLOWABLE DESIGN PRESSURE FOR THIS PRODUCT AND CONFIGURATION IS 50PSF



VENT HEIGHT = FRAME HEIGHT - 1 5/8"
VENT WIDTH = (FRAME WIDTH/2) - 1.1875"
D.L.O. HEIGHT = FRAME HEIGHT - 6 3/4"
D.L.O. WIDTH = VENT WIDTH - 5 1/8"



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ELEVATIONS & ANCHOR LAYOUTS

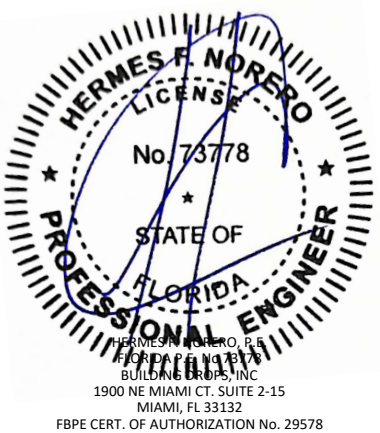
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REMARKS	BY	DATE
2023 FBC CODE CHANGE	MG	09/25/23

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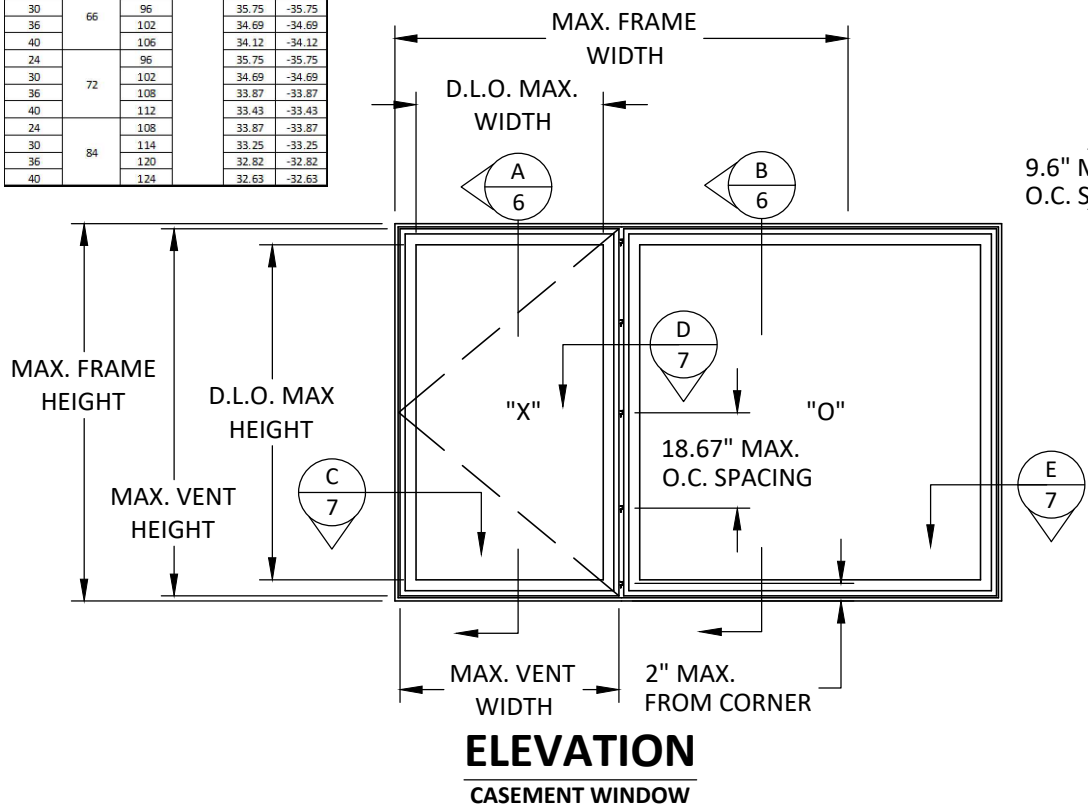
FL #:	FL41944
DATE:	02.07.23
DWG. BY:	DI
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM002
SHEET:	3

ALLOWABLE DESIGN PRESSURE (PSF)					
NOMINAL DIMS.			DESIGN PRESSURE		
POST SPACING OPERABLE	POST SPACING FIXED	OA FRAME WIDTH	FRAME HEIGHT	EXT. (+)	INT. (-)
"in."	"in."	"in."	"in."		
24		72		55	-55
30	48	78		55	-55
36		84		55	-55
40		88		55	-55
24		78		55	-55
30	54	84		55	-55
36		90		55	-55
40		94		55	-55
24		84		55	-55
30	60	90		55	-55
36		96		55	-55
40		100		55	-55
24		90	54	55	-55
30	66	96		55	-55
36		102		55	-55
40		106		55	-55
24		96		55	-55
30	72	102		55	-55
36		108		55	-55
40		112		55	-55
24		108		55	-55
30	84	114		55	-55
36		120		52	-52
40		124		49.15	-49.15
24		72		55	-55
30	48	78		55	-55
36		84		52.77	-52.77
40		88		51.70	-51.70
24		78		54.73	-54.73
30	54	84		52.77	-52.77
36		90		51.23	-51.23
40		94		50	-50
24		84		52.77	-52.77
30	60	90		51.23	-51.23
36		96		50	-50
40		100		49.17	-49.17
24		90		51	-51
30	66	96		50	-50
36		102		48.80	-48.80
40		106		48.18	-48.18
24		96		50	-50
30	72	102		48.80	-48.80
36		108		47.93	-47.93
40		112		47.54	-47.54
24		108		47.93	-47.93
30	84	114		47.41	-47.41
36		120		47.23	-47.23
40		124		44.24	-44.24
24		72		43.09	-43.09
30	48	78		40.66	-40.66
36		84		38.68	-38.68
40		88		37.56	-37.56
24		78		40.66	-40.66
30	54	84		38.68	-38.68
36		90		37.06	-37.06
40		94		36.15	-36.15
24		84		38.68	-38.68
30	60	90		37.06	-37.06
36		96		35.75	-35.75
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36		102		34.69	-34.69
40		106		34.12	-34.12
24		96		35.75	-35.75
30	72	102		34.69	-34.69
36		108		33.87	-33.87
40		112		33.43	-33.43
24		108		33.87	-33.87
30	84	114		33.25	-33.25
36		120		32.82	-32.82
40		124		32.63	-32.63

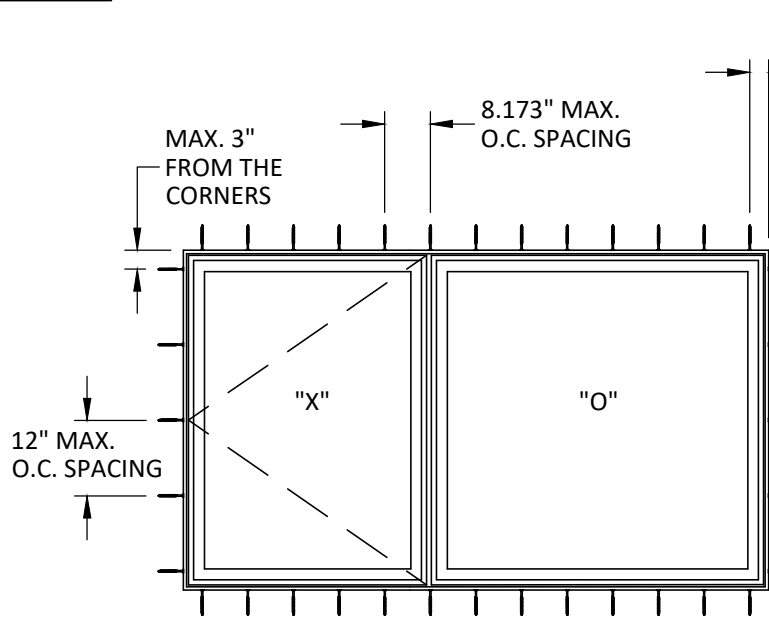
ALLOWABLE DESIGN PRESSURE (PSF)					
NOMINAL DIMS.			DESIGN PRESSURE		
POST SPACING OPERABLE	POST SPACING FIXED	OA FRAME WIDTH	FRAME HEIGHT	EXT. (+)	INT. (-)
"in."	"in."	"in."	"in."		
24		72		32.53	-32.53
30	48	78		30.58	-30.58
36		84		28.97	-28.97
40		88		28.05	-28.05
24		78		30.58	-30.58
30	54	84		28.97	-28.97
36		90		27.63	-27.63
40		94		26.87	-26.87
24		84		28.97	-28.97
30	60	90		27.63	-27.63
36		96		26.52	-26.52
40		100		25.89	-25.89
24		90	72	27.63	-27.63
30	66	96		26.52	-26.52
36		102		25.60	-25.60
40		106		25.08	-25.08
24		96		26.52	-26.52
30	72	102		25.60	-25.60
36		108		24.85	-24.85
40		112		24.42	-24.42
24		108		24.85	-24.85
30	84	114		24.23	-24.23
36		120		23.75	-23.75
40		124		23.36	-23.36
24		78		25.67	-25.67
30	48	84		24.27	-24.27
36		88		23.46	-23.46
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24		84		24.27	-24.27
30	54	90		23.09	-23.09
36		94		22.42	-22.42
40		98		21.75	-21.75
24		90		24.27	-24.27
30	60	96		23.09	-23.09
36		100		22.11	-22.11
40		104		21.54	-21.54
24		96		23.09	-23.09
30	66	102		22.11	-22.11
36		106		21.28	-21.28
40		110		20.80	-20.80
24		102		22.11	-22.11
30	72	108		21.28	-21.28
36		112		20.59	-20.59
40		116		20.19	-20.19
24		108		20.59	-20.59

VALUES >50PSF ARE FOR INTERPOLATION PURPOSES ONLY. MAXIMUM ALLOWABLE DESIGN PRESSURE FOR THIS PRODUCT AND CONFIGURATION IS 50PSF

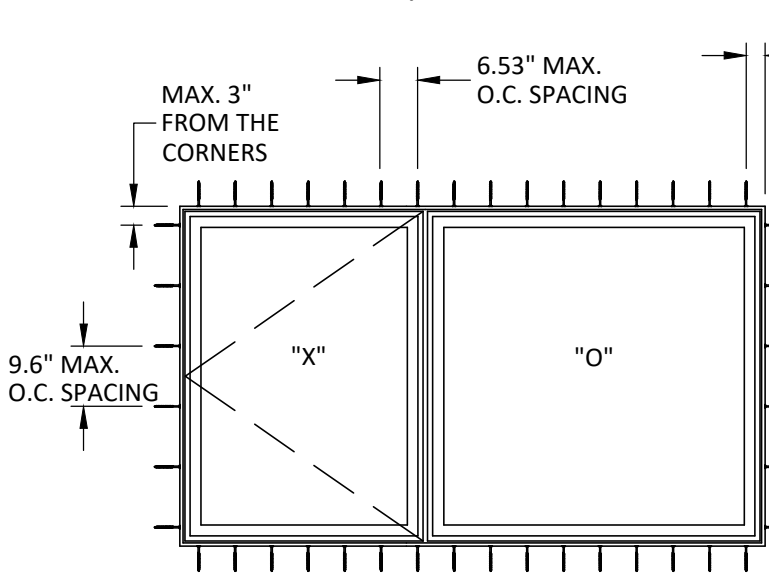
MAX OPERABLE WIDTH = TRIBUTARY WIDTH * 0.7457
MAX FIXED WIDTH = TRIBUTARY WIDTH * 1.2549
NOTE: MAX WINDOW PROPORTIONS INDICATED, VENTS OR FIXED LITE WIDTH MAY ALSO BE MADE SMALLER THAN INDICATED.



ELEVATION
CASEMENT WINDOW

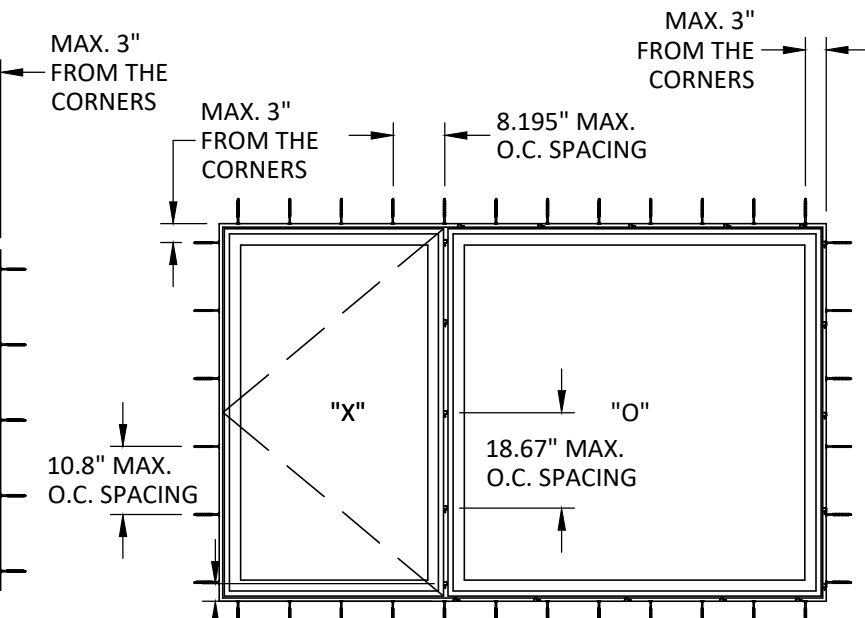


ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
FOR FRAME WIDTH > 96.15"
#10 SCREW & 3/16" TAPCON

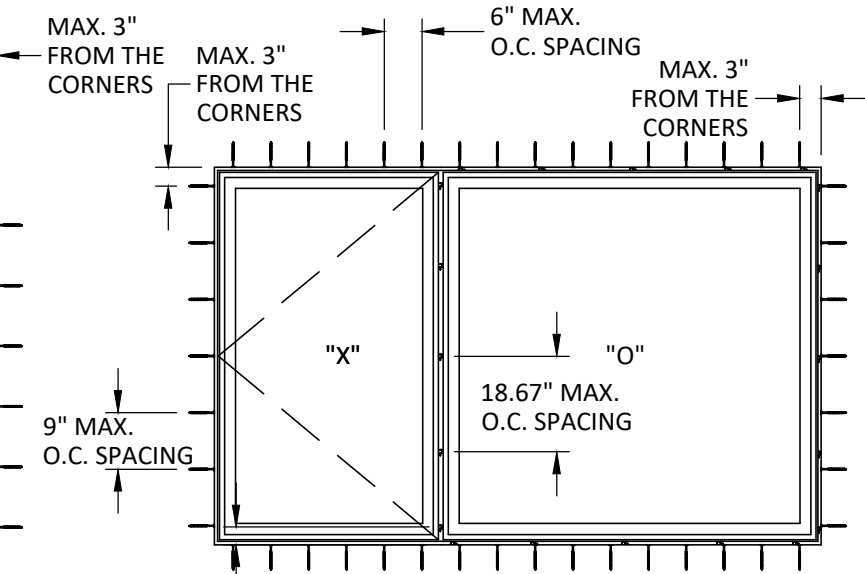


ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
FOR FRAME WIDTH > 96.5"
#8 SCREW

VENT HEIGHT = FRAME HEIGHT - 1 5/8"
VENT WIDTH = FRAME WIDTH - 60 3/8"
FIXED SASH HEIGHT = FRAME HEIGHT - 1 5/8"
FIXED SASH WIDTH = FRAME WIDTH - 60 3/8"
D.L.O. OPERABLE HEIGHT = FRAME HEIGHT - 6 3/4"
D.L.O. OPERABLE WIDTH = VENT WIDTH - 5 1/8"
D.L.O. FIXED HEIGHT = FRAME HEIGHT - 6 3/4"
D.L.O. FIXED WIDTH = FIXED SASH WIDTH - 5 1/8"



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



ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
#8 SCREW

NOTE: FIXED LITE SECURED WITH 5 CLIPS PER SIDE, EVENLY SPACED.



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

TITLE: EPIPHANY CASEMENT WINDOWS (NON-HVHZ)(NON-IMPACT) ELEVATIONS & 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
2023 FBC CODE CHANGE	MG	09/25/23

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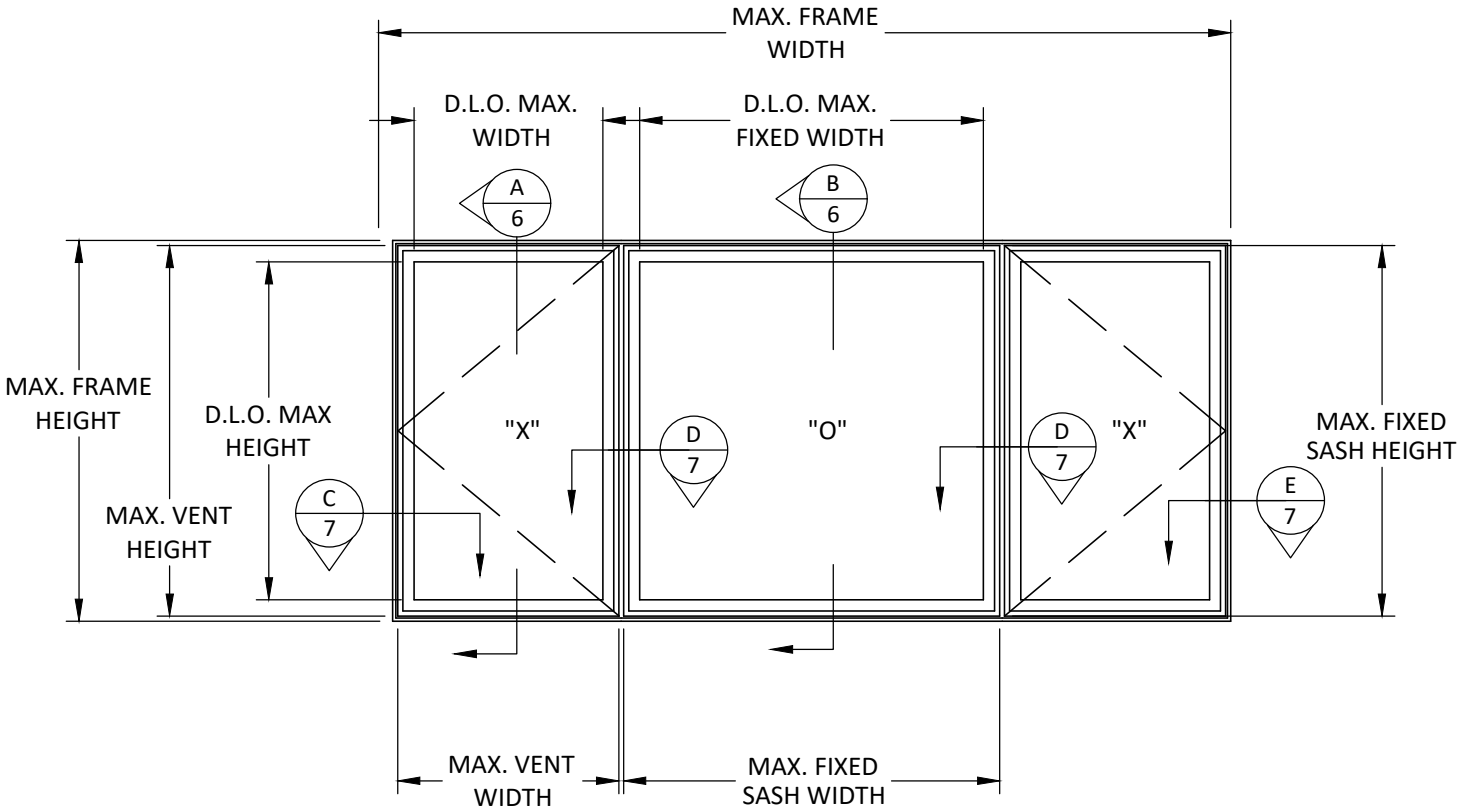
FL #:	FL41944
DATE:	02.07.23
DWG. BY:	DI
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM002
SHEET:	4

ALLOWABLE DESIGN PRESSURE (PSF)					
NOMINAL DIMS.				DESIGN PRESSURE	
POST SPACING OPERABLE 'in.'	POST SPACING FIXED 'in.'	OA FRAME WIDTH 'in.'	FRAME HEIGHT 'in.'	EXT. (+)	INT. (-)
24	48	96	54	55	-55
30		108		55	-55
36		120		55	-55
40		128		55	-55
24	54	102		55	-55
30		114		55	-55
36		126		55	-55
40		134		55	-55
24	60	108		55	-55
30		120		55	-55
36		132		55	-55
40		140		55	-55
24	66	114		55	-55
30		126		55	-55
36		138		55	-55
40		146		55	-55
24	72	120		55	-55
30		132		55	-55
36		144		55	-55
40		152		55	-55
24	84	132		55	-55
30		144		55	-55
36		156		52.5	-52.5
40		164		49.15	-49.15
24	48	96	60	55	-55
30		108		55	-55
36		120		52.77	-52.77
40		128		51.70	-51.70
24	54	102		54.73	-54.73
30		114		52.77	-52.77
36		126		51.23	-51.23
40		134		50.39	-50.39
24	60	108		52.77	-52.77
30		120		51.23	-51.23
36		132		50	-50
40		140		49.17	-49.17
24	66	114		51.23	-51.23
30		126		50	-50
36		138		48.80	-48.80
40		146		48.18	-48.18
24	72	120		50	-50
30		132		48.80	-48.80
36		144		47.93	-47.93
40		152		47.54	-47.54
24	84	132		47.93	-47.93
30		144		47.41	-47.41
36		156		47.23	-47.23
40		164		44.24	-44.24

MAX OPERABLE WIDTH = TRIBUTARY WIDTH * 0.7457
MAX FIXED WIDTH = TRIBUTARY WIDTH * 1.2549
NOTE: MAX WINDOW PROPORTIONS INDICATED,
VENTS OR FIXED LITE WIDTH MAY ALSO BE MADE
SMALLER THAN INDICATED.

VALUES >50PSF ARE FOR
INTERPOLATION PURPOSES ONLY.
MAXIMUM ALLOWABLE DESIGN
PRESSURE FOR THIS PRODUCT
AND CONFIGURATION IS 50PSF

ALLOWABLE DESIGN PRESSURE (PSF)					
NOMINAL DIMS.				DESIGN PRESSURE	
POST SPACING OPERABLE 'in.'	POST SPACING FIXED 'in.'	OA FRAME WIDTH 'in.'	FRAME HEIGHT 'in.'	EXT. (+)	INT. (-)
24	48	96	66	43.09	-43.09
30		108		40.66	-40.66
36		120		38.68	-38.68
40		128		37.56	-37.56
24	54	102		40.66	-40.66
30		114		38.68	-38.68
36		126		37.06	-37.06
40		134		36.15	-36.15
24	60	108		38.68	-38.68
30		120		37.06	-37.06
36		132		35.75	-35.75
40		140		35.02	-35.02
24	66	114		37.06	-37.06
30		126		35.75	-35.75
36		138		34.69	-34.69
40		146		34.12	-34.12
24	72	120		35.75	-35.75
30		132		34.69	-34.69
36		144		33.87	-33.87
40		152		33.43	-33.43
24	84	132		33.87	-33.87
30		144		33.25	-33.25
36		156		32.82	-32.82
40		164		32.63	-32.63
24	48	96	72	32.53	-32.53
30		108		30.58	-30.58
36		120		28.97	-28.97
40		128		28.05	-28.05
24	54	102		30.58	-30.58
30		114		28.97	-28.97
36		126		27.63	-27.63
40		134		26.87	-26.87
24	60	108		28.97	-28.97
30		120		27.63	-27.63
36		132		26.52	-26.52
40		140		25.89	-25.89
24	66	114		27.63	-27.63
30		126		26.52	-26.52
36		138		25.60	-25.60
40		146		25.08	-25.08
24	72	120		26.52	-26.52
30		132		25.60	-25.60
36		144		24.85	-24.85
40		152		24.42	-24.42
24	84	132		24.85	-24.85
30		144		24.23	-24.23
36		156		23.75	-23.75
24	48	96	76	27.36	-27.36
30		108		25.67	-25.67
36		120		24.27	-24.27
40		128		23.46	-23.46
24	54	102		25.67	-25.67
30		114		24.27	-24.27
36		126		23.09	-23.09
40		134		22.42	-22.42
24	60	108		24.27	-24.27
30		120		23.09	-23.09
36		132		22.11	-22.11
40		140		21.54	-21.54
24	66	96		23.09	-23.09
30		108		22.11	-22.11
36		120		21.28	-21.28
40		128		20.80	-20.80
24	72	96		22.11	-22.11
30		108		21.28	-21.28
36		120		20.59	-20.59
40		128		20.19	-20.19
24	84	96		20.59	-20.59



ELEVATION CASEMENT WINDOW

VENT HEIGHT = FRAME HEIGHT - 1 5/8"
VENT WIDTH = (FRAME WIDTH - 62 3/8")/2
FIXED SASH HEIGHT = FRAME HEIGHT - 1 5/8"
FIXED SASH WIDTH = FRAME WIDTH - 72 3/4"
D.L.O. OPERABLE HEIGHT = FRAME HEIGHT - 6 3/4"
D.L.O. OPERABLE WIDTH = VENT WIDTH - 5 1/8"
D.L.O. FIXED HEIGHT = FRAME HEIGHT - 6 3/4"
D.L.O. FIXED WIDTH = FIXED SASH WIDTH - 5 1/8"



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TITLE: EIPHANY CASEMENT
WINDOWS
(NON-HVHZ)(NON-IMPACT)

ELEVATIONS

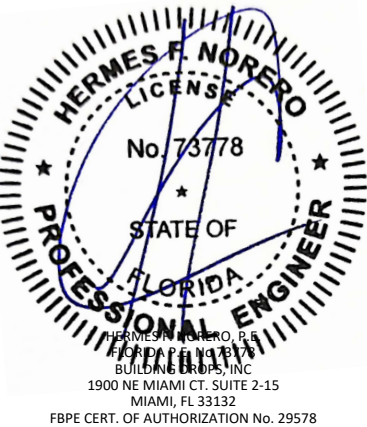
PREPARED BY: BUILDING DROPS, INC.

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MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

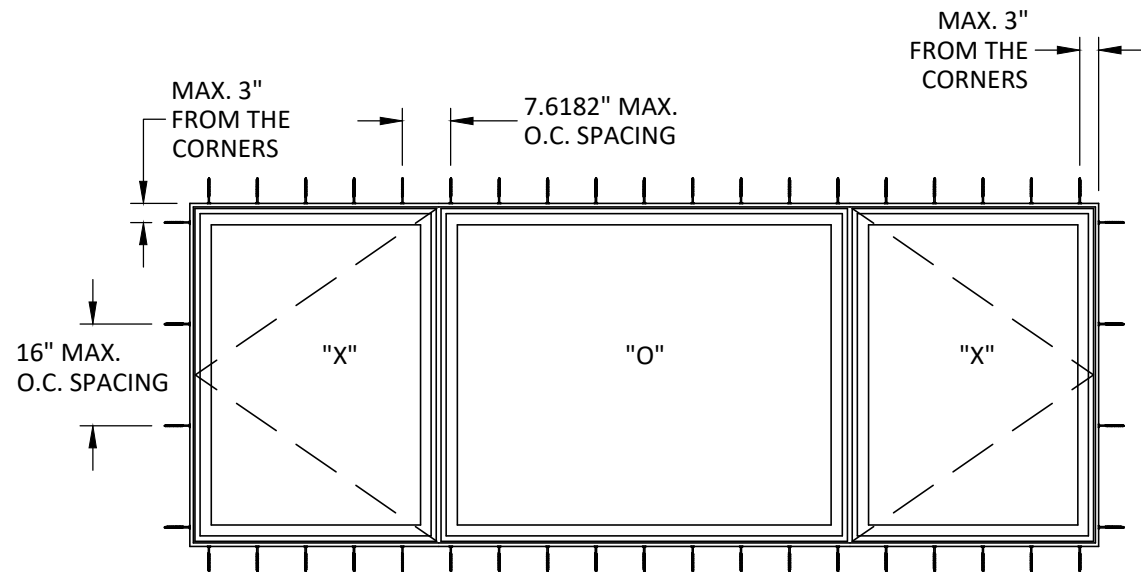


REMARKS	BY	DATE
2023 FBC CODE CHANGE	MG	09/25/23

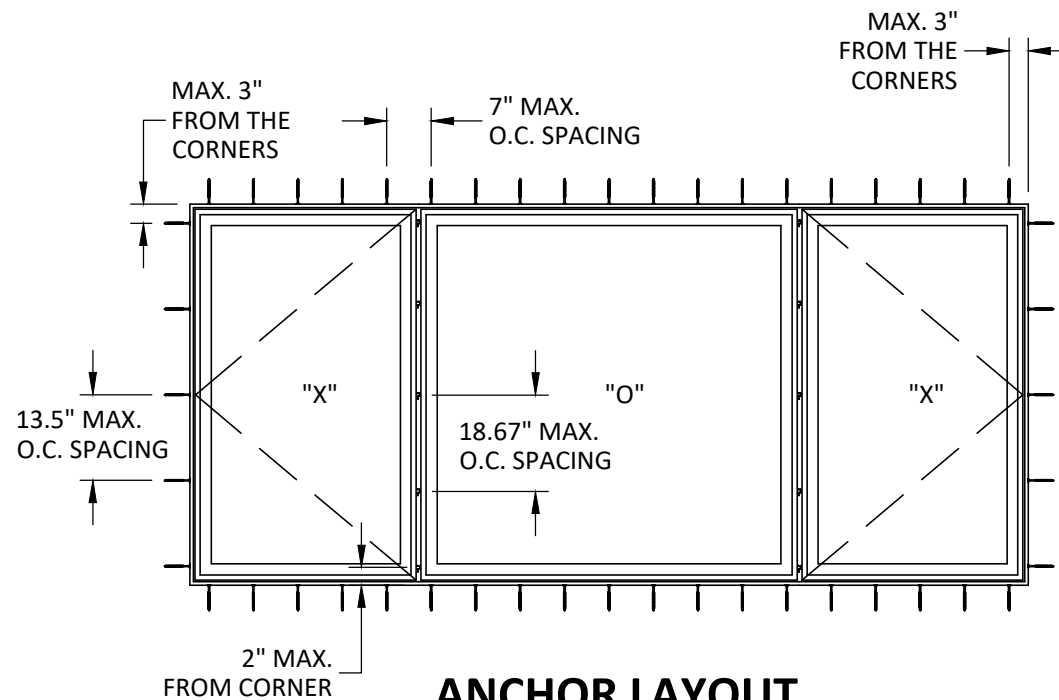
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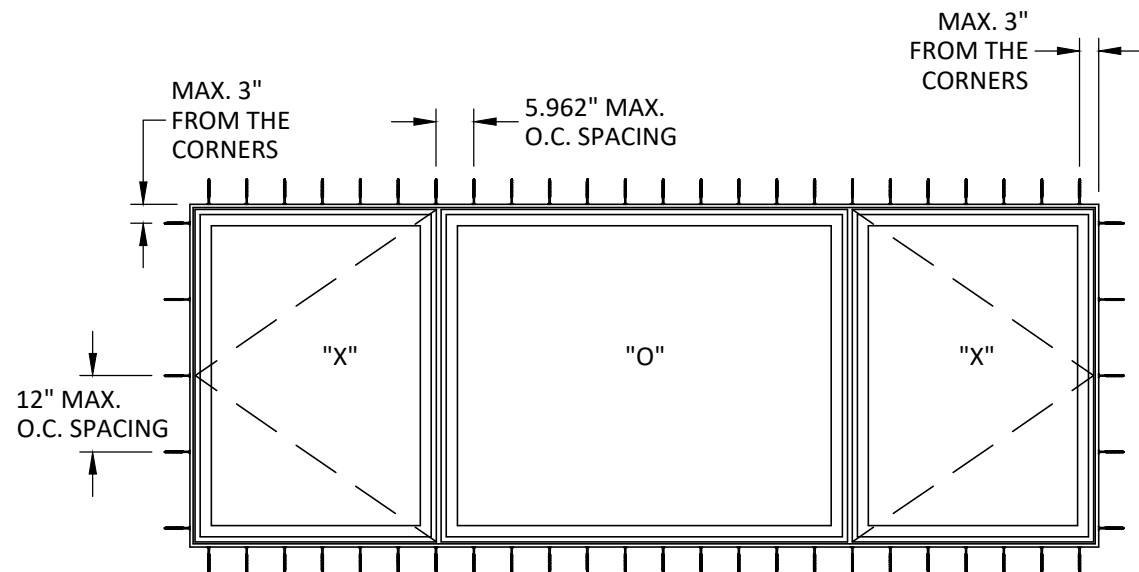
FL #:	FL41944
DATE:	02.07.23
DWG. BY:	DI
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM002
SHEET:	5



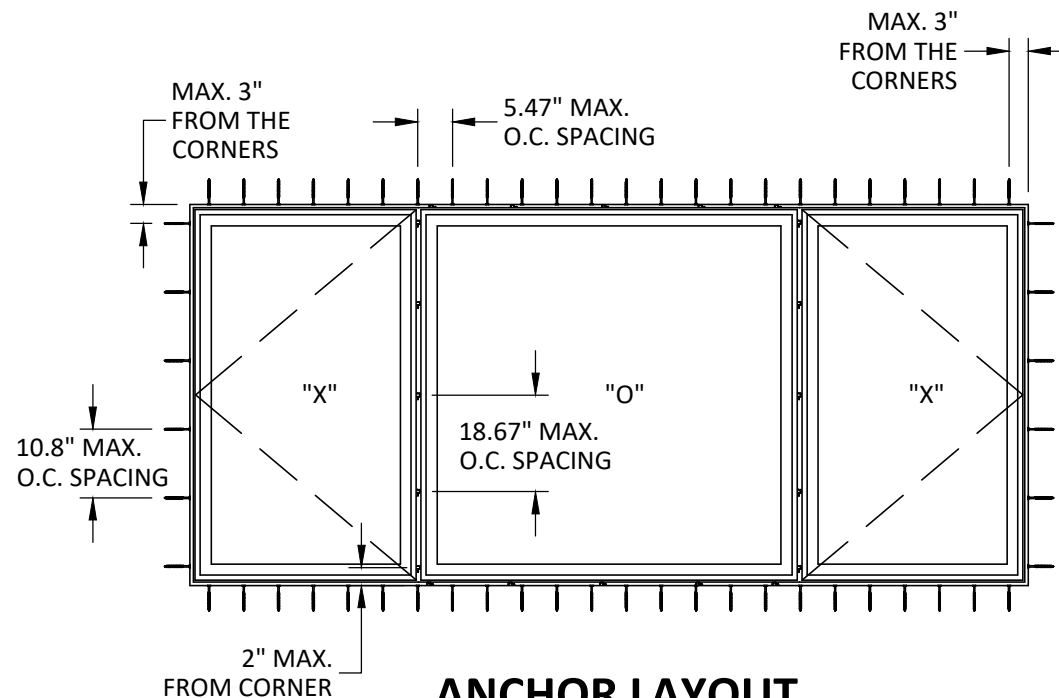
ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
FOR FRAME WIDTH > 132"
#10 SCREW & 3/16" TAPCON



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



ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
FOR FRAME WIDTH > 132"
#8 SCREW



ANCHOR LAYOUT
THROUGH FRAME - CASEMENT WINDOW
#8 SCREW

NOTE: FIXED LITE SECURED WITH 5 CLIPS PER SIDE, EVENLY SPACED.



SEAWAY MANUFACTURING CORP.
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TITLE: EIPHPANY CASEMENT
WINDOWS
(NON-HVHZ)(NON-IMPACT)

ANCHOR LAYOUTS

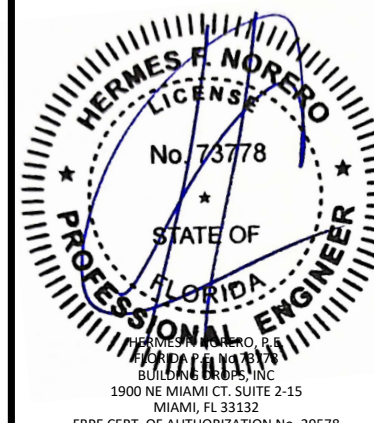
PREPARED BY: BUILDING DROPS, INC.

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MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

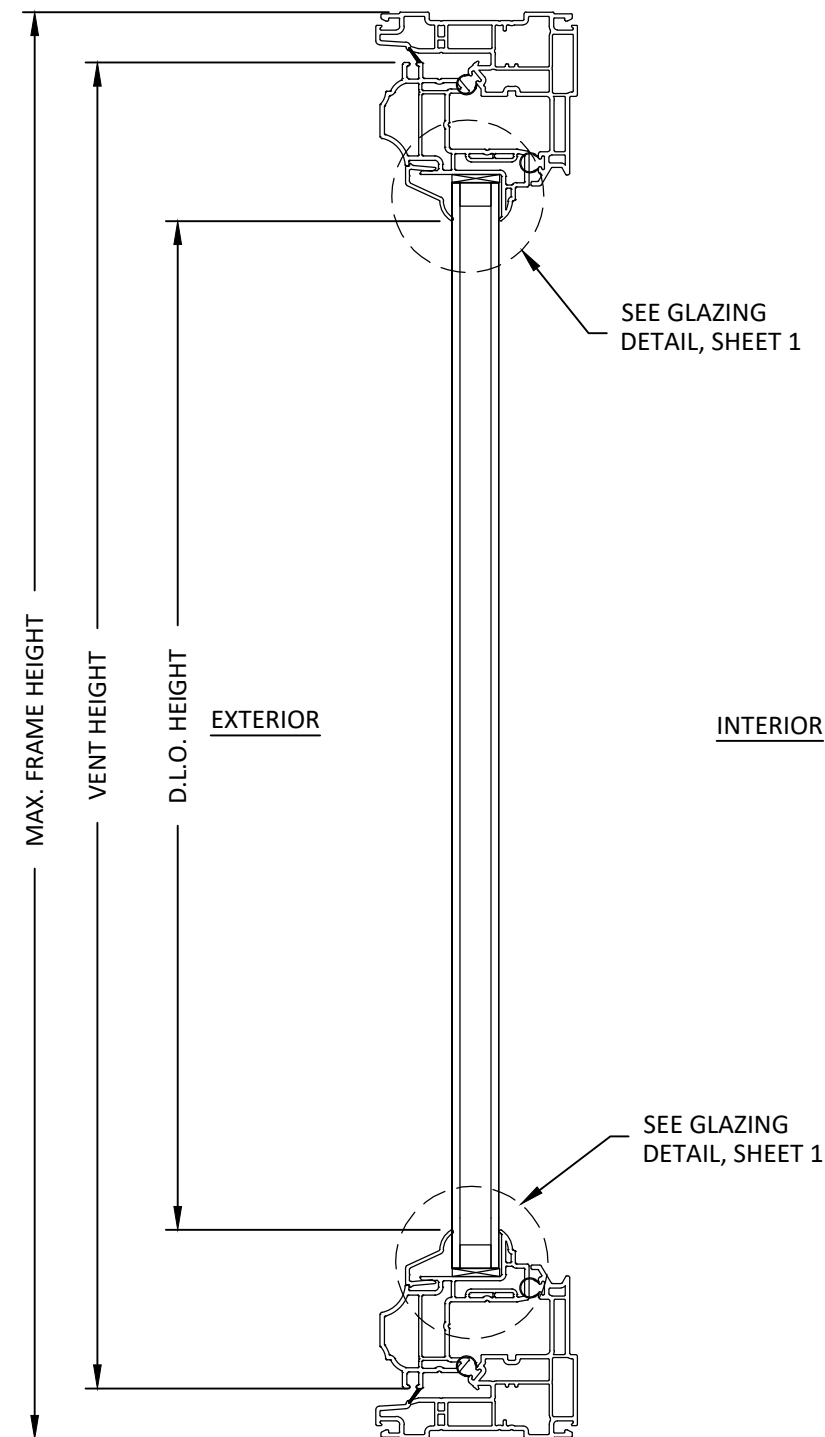


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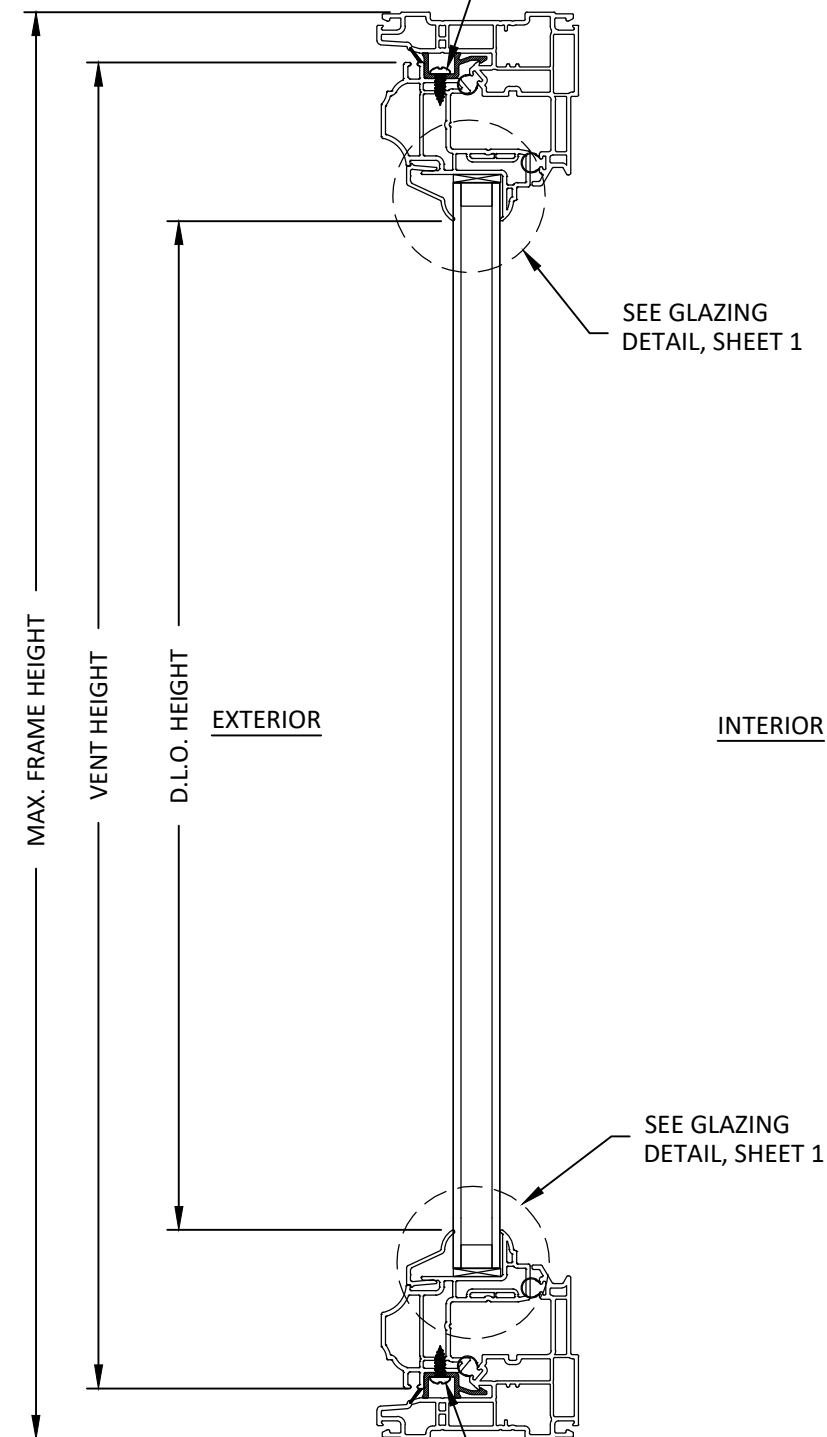
FL #:	FL41944
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DWG. BY:	DI
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM002
SHEET:	6



A
6

VERTICAL SECTION

THROUGH FRAME
VENT



B
6

VERTICAL SECTION

THROUGH FRAME
FIXED SASH



SEAWAY MANUFACTURING CORP.
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TITLE: EPIPHANY CASEMENT
WINDOWS
(NON-HVHZ)(NON-IMPACT)

VERTICAL SECTIONS

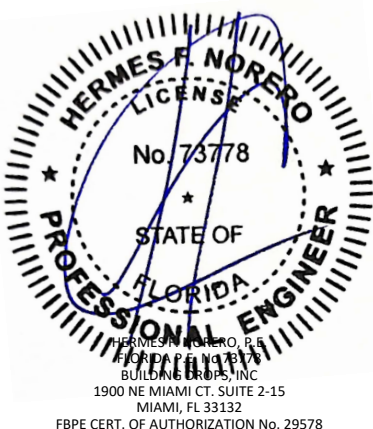
PREPARED BY: BUILDING DROPS, INC.

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FL #: **FL41944**

DATE: **02.07.23**

DWG. BY: **DI** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **SEM002**

SHEET:

7

OF 9

TITLE: EPIPHANY CASEMENT
WINDOWS
(NON-HVHZ)(NON-IMPACT)

HORIZONTAL SECTIONS

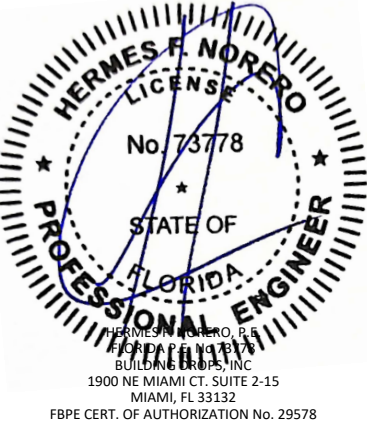
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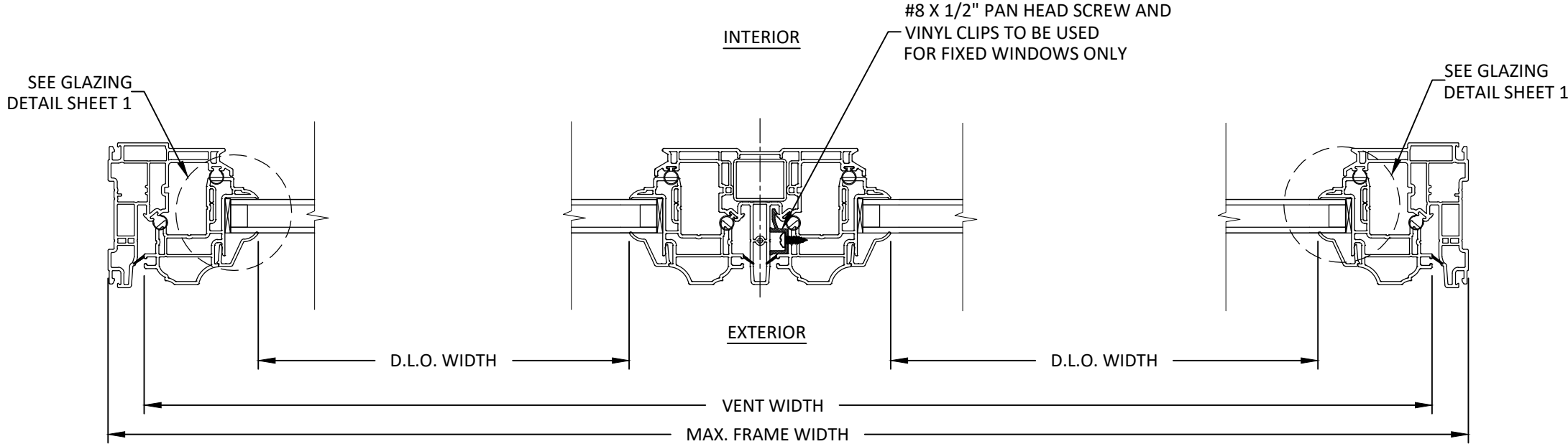


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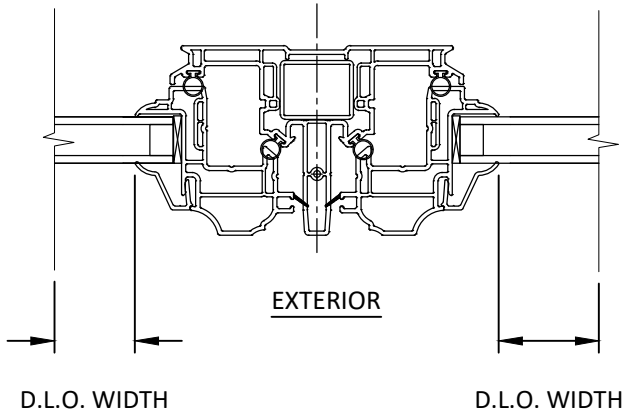
FL #:	FL41944
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DWG. BY:	DI
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SEM002
SHEET:	8



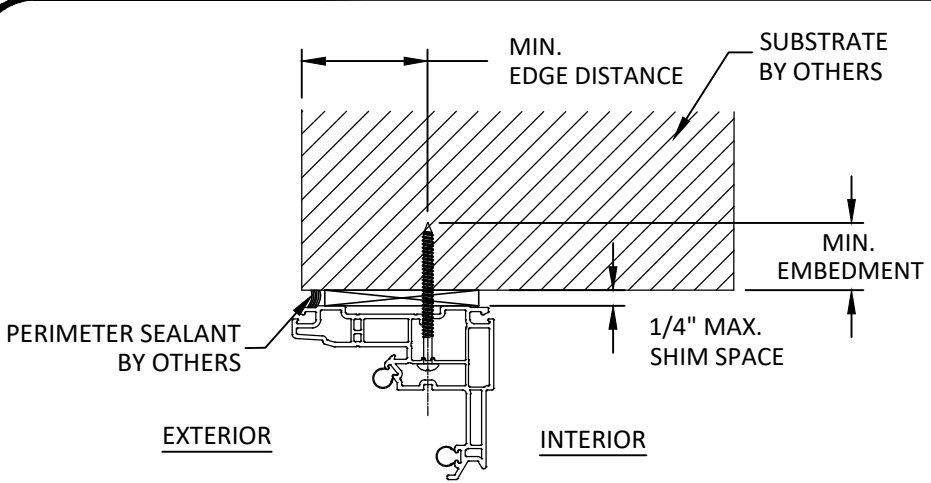
C
7 HORIZONTAL SECTION
THROUGH FRAME

D
7 HORIZONTAL SECTION
MULLION FOR XO

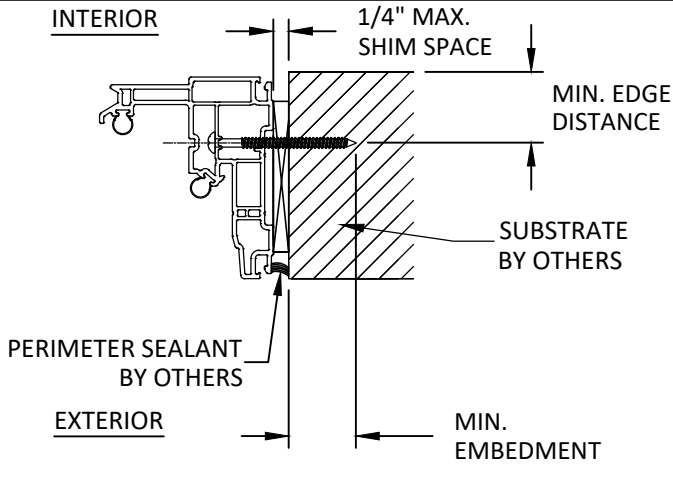
E
7 HORIZONTAL SECTION
THROUGH FRAME



F
7 HORIZONTAL SECTION
MULLION FOR XX



C
8 **ANCHOR DETAIL**
THROUGH FRAME (HEAD)



D
8 **ANCHOR DETAIL**
THROUGH FRAME (JAMB)

HEAD AND
JAMBS SHOWN,
SILL SIMILAR

INSTALLATION NOTES:

- 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.
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- 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.
- FOR THROUGH FRAME INSTALLATION, SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#8 OR #10 PAN HEAD WOOD SCREW	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 HEX HEAD	1.25"	2.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON HEX HEAD	1.25"	2.00"



SEAWAY MANUFACTURING CORP.
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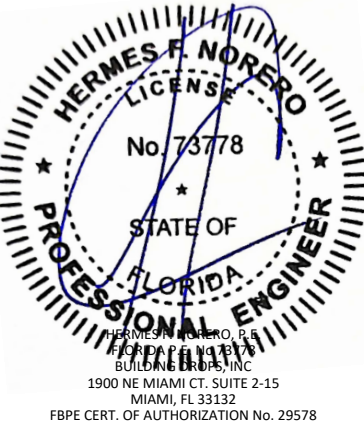
TITLE: EIPHANY CASEMENT
WINDOWS
(NON-HVHZ)(NON-IMPACT)
INSTALLATION NOTES &
ANCHOR DETAILS

PREPARED BY: BUILDING DROPS, INC.
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REMARKS	BY	DATE
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FL #: **FL41944**

DATE: **02.07.23**

DWG. BY: **DI** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **SEM002**

SHEET: **9** OF 9