

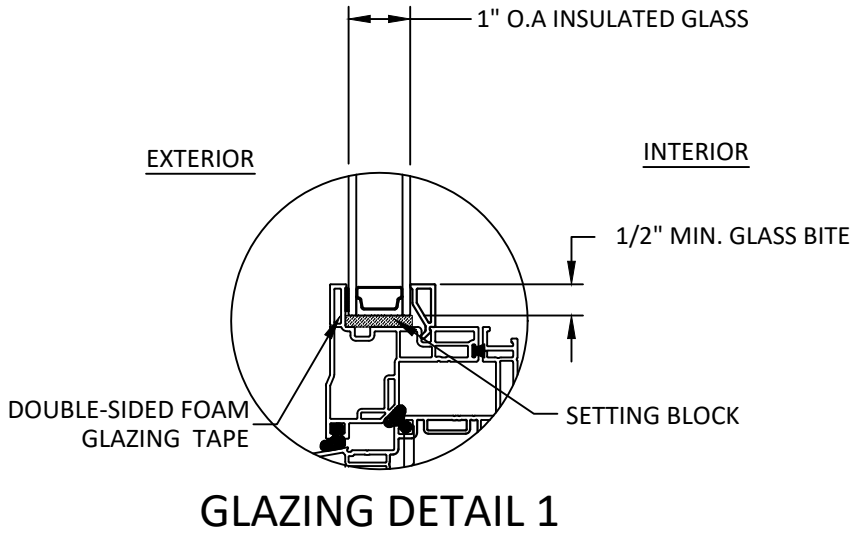
c:\users\harley\desktop\building drops, including drops landing - common\projects\amscowindows\fbce-25-0376 - fbc submittal - pvc non-impact products\dwgs\pz1 hampton series casement window\ams002.dwg 6/12/2025 9:31 AM

AMSCO WINDOWS

VZ1 HAMPTON SERIES CASEMENT WINDOW (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE 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. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. WINDOW FRAME MATERIAL: PVC
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



- 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\"/>
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAIL
2	ELEVATION AND SINGLE CASEMENT DESIGN PRESSURE TABLES
3	ELEVATIONS
4	ELEVATION
5	ONE AND TWO WAY MULLION DESIGN PRESSURE TABLES
6	ANCHOR LAYOUTS
7	ANCHOR LAYOUT
8	ANCHOR LAYOUT
9	VERTICAL SECTIONS
10	HORIZONTAL SECTIONS
11	ANCHOR DETAILS AND INSTALLATION NOTES

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEETS 2 - 5				NOT RATED



1880 South 1045 West
Salt Lake City, UT 84104
PH: +1-800-748-4661

TITLE: VZ1 HAMPTON SERIES CASEMENT WINDOW (NON-HVHZ)(NON-IMPACT)
GENERAL NOTES & GLAZING DETAIL

PREPARED BY:
**BUILDING DROPS**

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

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.06.19 17:07:00 -0400



HERMES F. NORERO, P.E.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47558**

DATE: **05.20.25**

DWG. BY: **HJ**CHK. BY: **HFN**

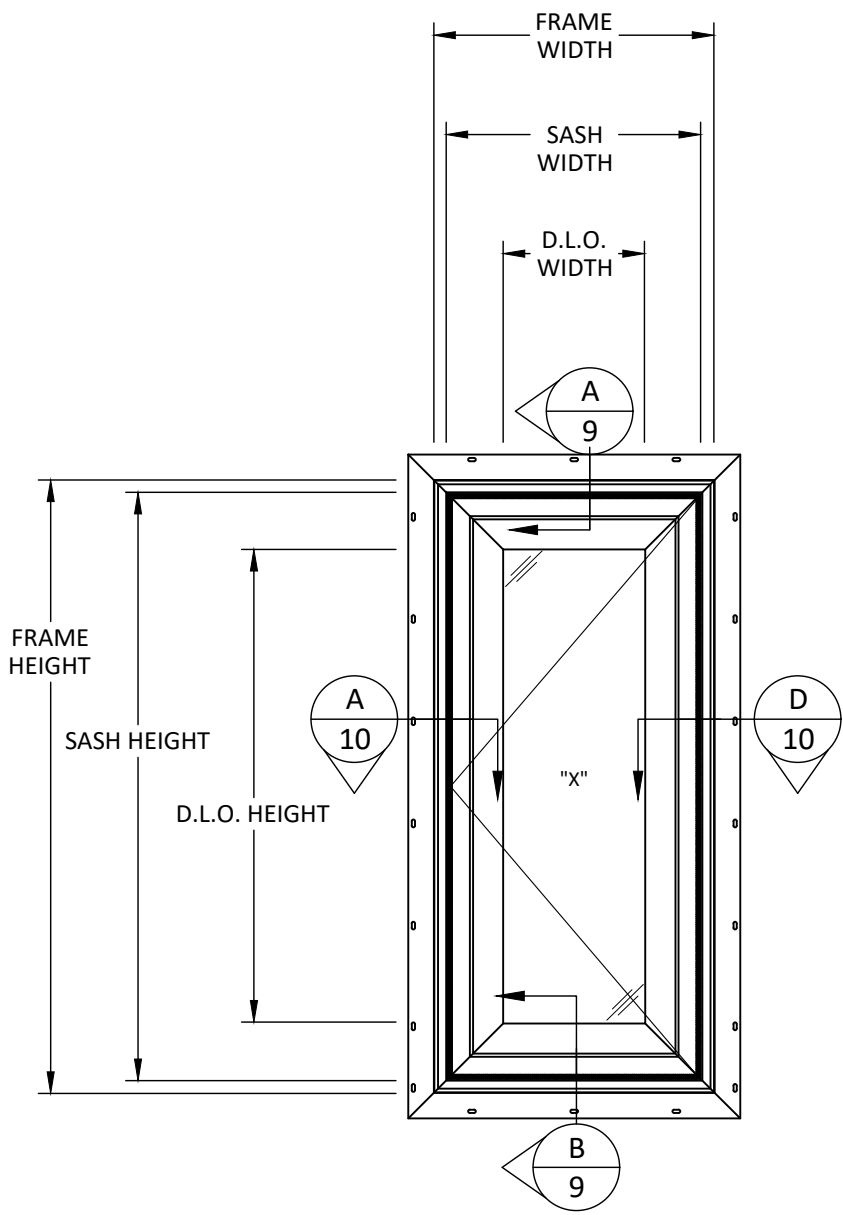
SCALE: **NTS**

DWG. #: **AMS002**

SHEET: **1**

OF 11

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ELEVATION
SINGLE CASEMENT

NOTE:
SASH WIDTH = FRAME WIDTH - 1-7/8"
SASH HEIGHT = FRAME HEIGHT - 1-7/8"
D.L.O. WIDTH = FRAME WIDTH - 6-13/16"
D.L.O. HEIGHT = FRAME HEIGHT - 6-13/16"

SINGLE CASEMENT WINDOW DP TABLE			
WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE (PSF)	
		POS. (+)	NEG. (-)
18	36	50.0	50.0
24		50.0	50.0
30		50.0	50.0
36		50.0	50.0
18	42	50.0	50.0
24		50.0	50.0
30		50.0	50.0
36		50.0	50.0
42	48	42.9	42.9
18		50.0	50.0
24		50.0	50.0
30		50.0	50.0
36	54	50.0	50.0
42		42.9	42.9
48		37.5	37.5
18	60	50.0	50.0
24		50.0	50.0
30		50.0	50.0
36		50.0	50.0
42	66	42.9	42.9
18		50.0	50.0
24		50.0	50.0
30		50.0	50.0
36	72	50.0	50.0
42		50.0	50.0
48		50.0	50.0
54		50.0	50.0
18	78	50.0	50.0
24		50.0	50.0
30		50.0	50.0
36		50.0	50.0
42	84	42.9	42.9
18		50.0	50.0
24		50.0	50.0
30		50.0	50.0
36	90	50.0	50.0
42		42.9	42.9
48		37.5	37.5
54		37.5	37.5

SINGLE CASEMENT WINDOW DP TABLE			
WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE (PSF)	
		POS. (+)	NEG. (-)
18	60	50.0	50.0
24		50.0	50.0
30		50.0	50.0
36		50.0	50.0
42	66	42.9	42.9
18		50.0	50.0
24		50.0	50.0
30		50.0	50.0
36	72	50.0	50.0
42		50.0	50.0
48		50.0	50.0
54		50.0	50.0
18	78	50.0	50.0
24		50.0	50.0
30		50.0	50.0
36		50.0	50.0
42	84	42.9	42.9
18		50.0	50.0
24		50.0	50.0
30		50.0	50.0
36	90	50.0	50.0
42		42.9	42.9
48		37.5	37.5
54		37.5	37.5
18	96	41.3	41.3
24		31.0	31.0



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TITLE: VZ1 HAMPTON SERIES
CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)
ELEVATION AND SINGLE CASEMENT
DESIGN PRESSURE TABLES

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
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PH: (954) 399-8478
FAX: (954) 744-4738
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FL #:
FL47558

DATE: **05.20.25**

DWG. BY: **HJ** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **AMS002**

SHEET:
2
OF 11

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QUALIFIED CONFIGURATIONS



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TITLE: VZ1 HAMPTON SERIES
CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)
QUALIFIED CONFIGURATIONS
ELEVATIONS

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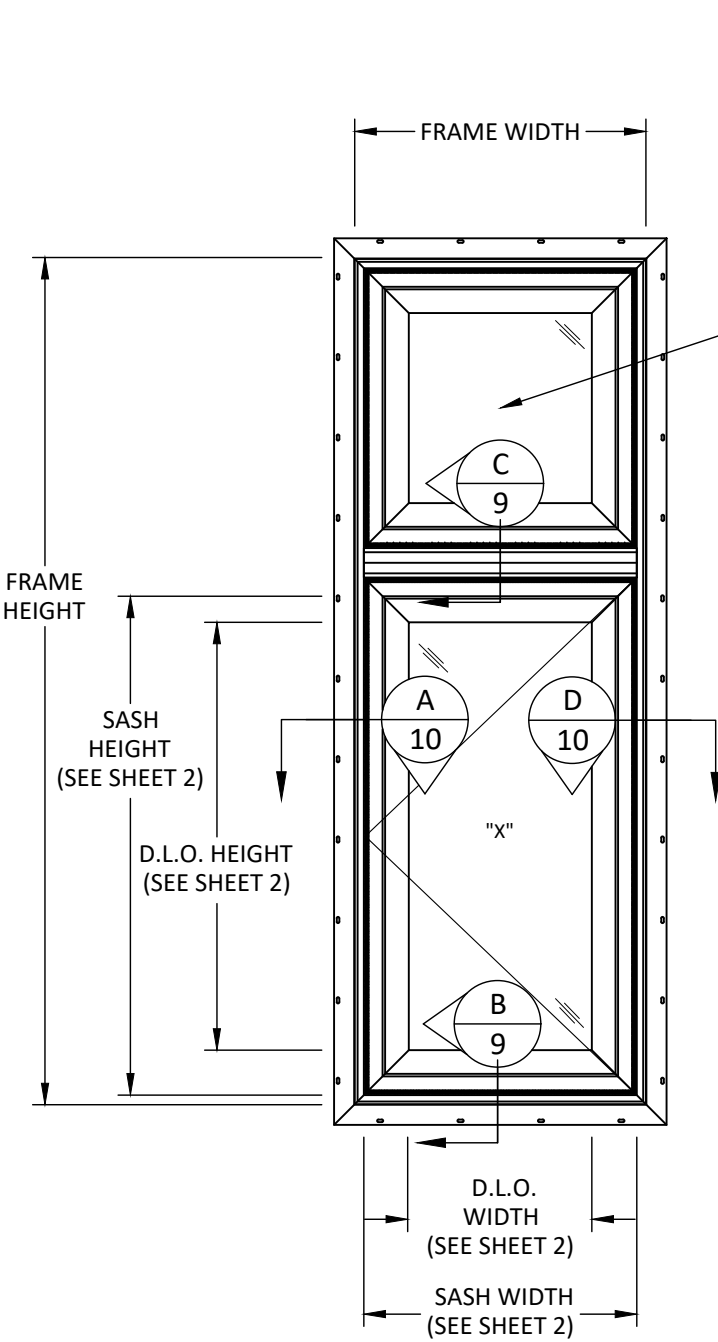


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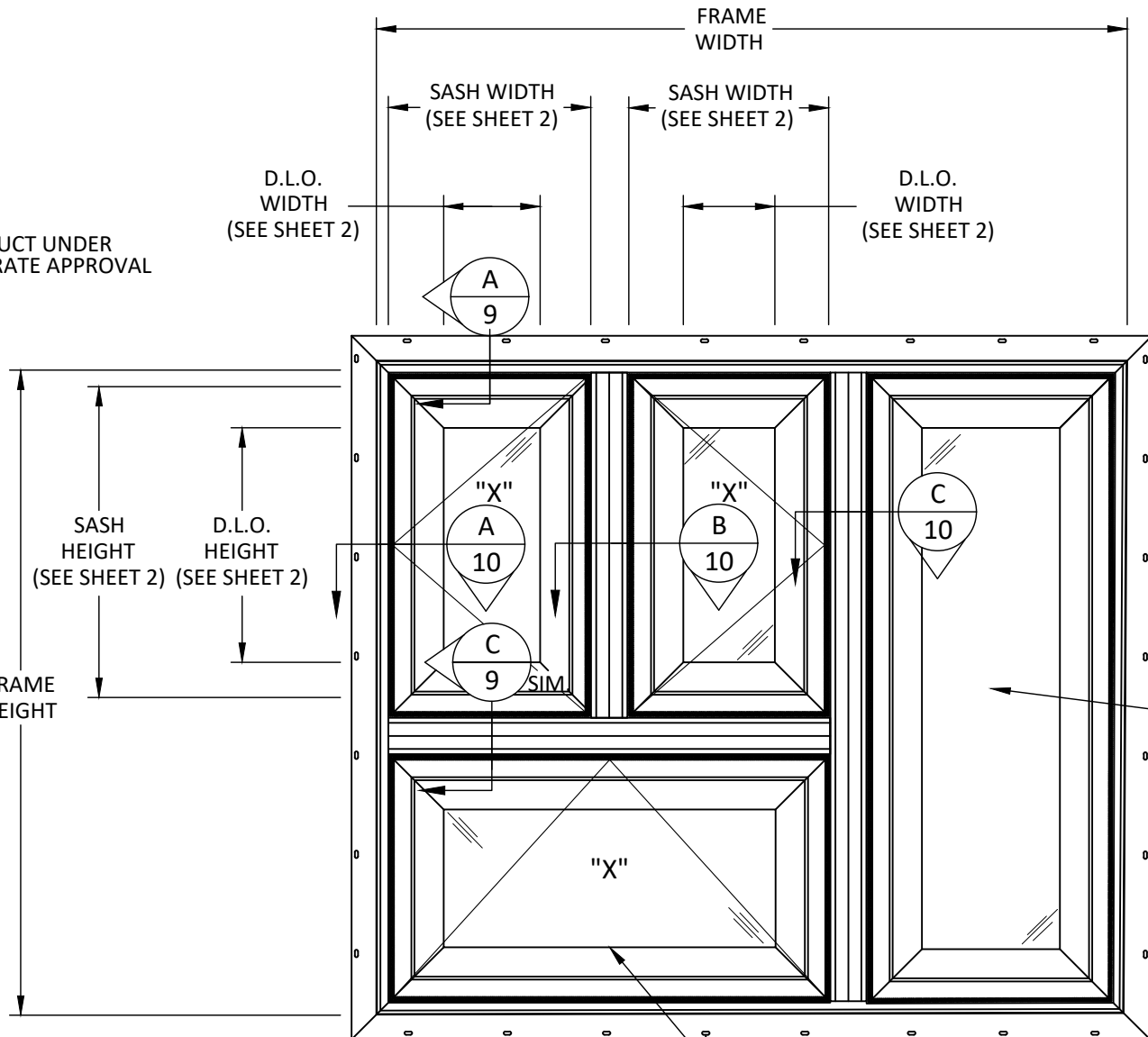


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DATE:	05.20.25
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HJ	HFN
SCALE:	NTS
DWG. #:	AMS002
SHEET:	3



ELEVATION

AREA CANNOT EXCEED 24 FT²



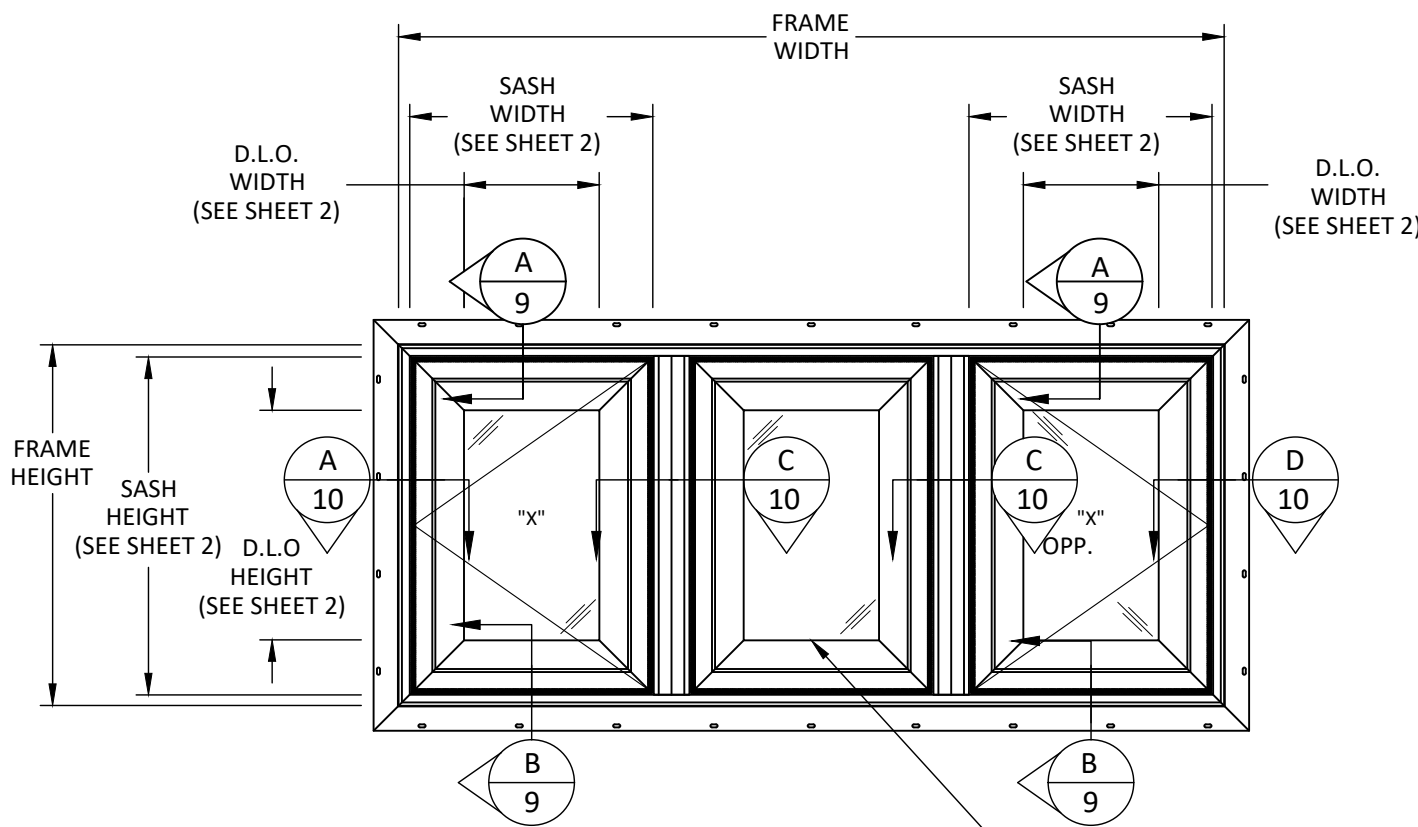
ELEVATION

AREA CANNOT EXCEED 56 FT²

NOTE:
SEE SHEET 5 FOR ALLOWABLE MULLION
SIZES AND PRESSURES

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QUALIFIED CONFIGURATIONS



ELEVATION
AREA CANNOT EXCEED 72 FT²

NOTE:
SEE SHEET 5 FOR ALLOWABLE MULLION
SIZES AND PRESSURES



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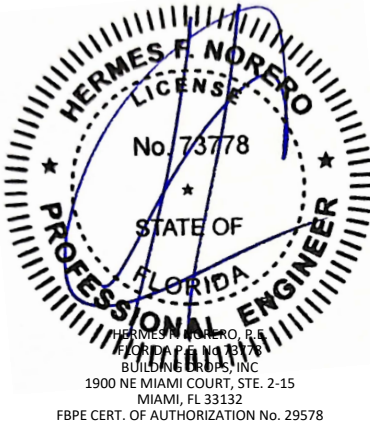
TITLE: VZ1 HAMPTON SERIES
CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)
QUALIFIED CONFIGURATIONS
ELEVATION

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SCALE: **NTS**

DWG. #: **AMS002**

SHEET:

4

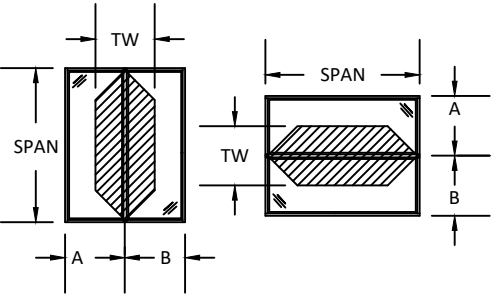
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ONE WAY DESIGN PRESSURE TABLE

ONE-WAY MULLION DP TABLE			
WIDTH (IN.)	HEIGHT (IN.)	POS. (+)	NEG. (-)
36	30	50.0	50.0
42		50.0	50.0
48		50.0	50.0
54		50.0	50.0
36	36	50.0	50.0
42		50.0	50.0
48		50.0	50.0
36	54	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		40.0	40.0
66		40.0	40.0
72		40.0	40.0
78		30.0	30.0
84		30.0	30.0
36	60	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		40.0	40.0
66		40.0	40.0
72		30.0	30.0
78		30.0	30.0
84		30.0	30.0
36	66	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		40.0	40.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
84		30.0	30.0
36	72	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
84		30.0	30.0

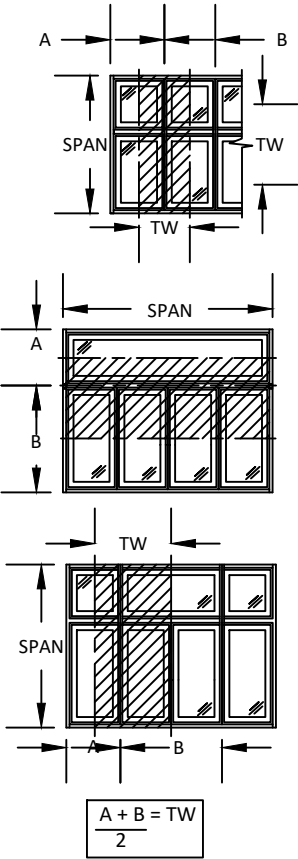
ONE-WAY MULLION DP TABLE			
WIDTH (IN.)	HEIGHT (IN.)	POS. (+)	NEG. (-)
36	78	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	84	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	90	40.0	40.0
42		37.2	37.2
48		30.0	30.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	96	30.6	30.6
42		30.0	30.0
48		30.0	30.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	102	30.0	30.0
42		30.0	30.0
48		30.0	30.0
54		30.0	30.0
60		30.0	30.0
66		27.3	27.3
72		30.0	30.0
78		30.0	30.0
36	108	28.1	28.1
42		25.3	25.3
48		30.0	30.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	114	26.9	26.9
42		23.9	23.9
48		21.5	21.5
54		30.0	30.0
60		26.3	26.3
66		23.0	23.0
72		20.5	20.5
78			



TWO WAY DESIGN PRESSURE TABLE

TWO-WAY MULLION DP TABLE			
WIDTH (IN.)	HEIGHT (IN.)	POS. (+)	NEG. (-)
36	54	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		40.0	40.0
66		40.0	40.0
72		40.0	40.0
78		30.0	30.0
36	60	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		40.0	40.0
66		40.0	40.0
72		30.0	30.0
78		30.0	30.0
36	66	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	72	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	78	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		40.0	40.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0

TWO-WAY MULLION DP TABLE			
WIDTH (IN.)	HEIGHT (IN.)	POS. (+)	NEG. (-)
36	84	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	90	40.0	40.0
42		37.2	37.2
48		30.0	30.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	96	35.7	35.7
42		30.6	30.6
48		30.0	30.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	102	30.0	30.0
42		30.0	30.0
48		30.0	30.0
54		30.0	30.0
60		27.3	27.3
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	108	30.0	30.0
42		30.0	30.0
48		30.0	30.0
54		28.1	28.1
60		25.3	25.3
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	114	26.9	26.9
42		23.9	23.9
48		21.5	21.5
54		30.0	30.0
60		26.3	26.3
66		23.0	23.0
72		20.5	20.5
78			



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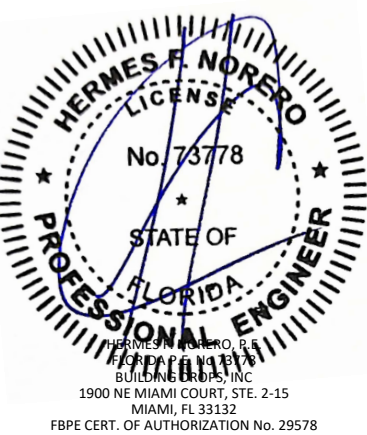
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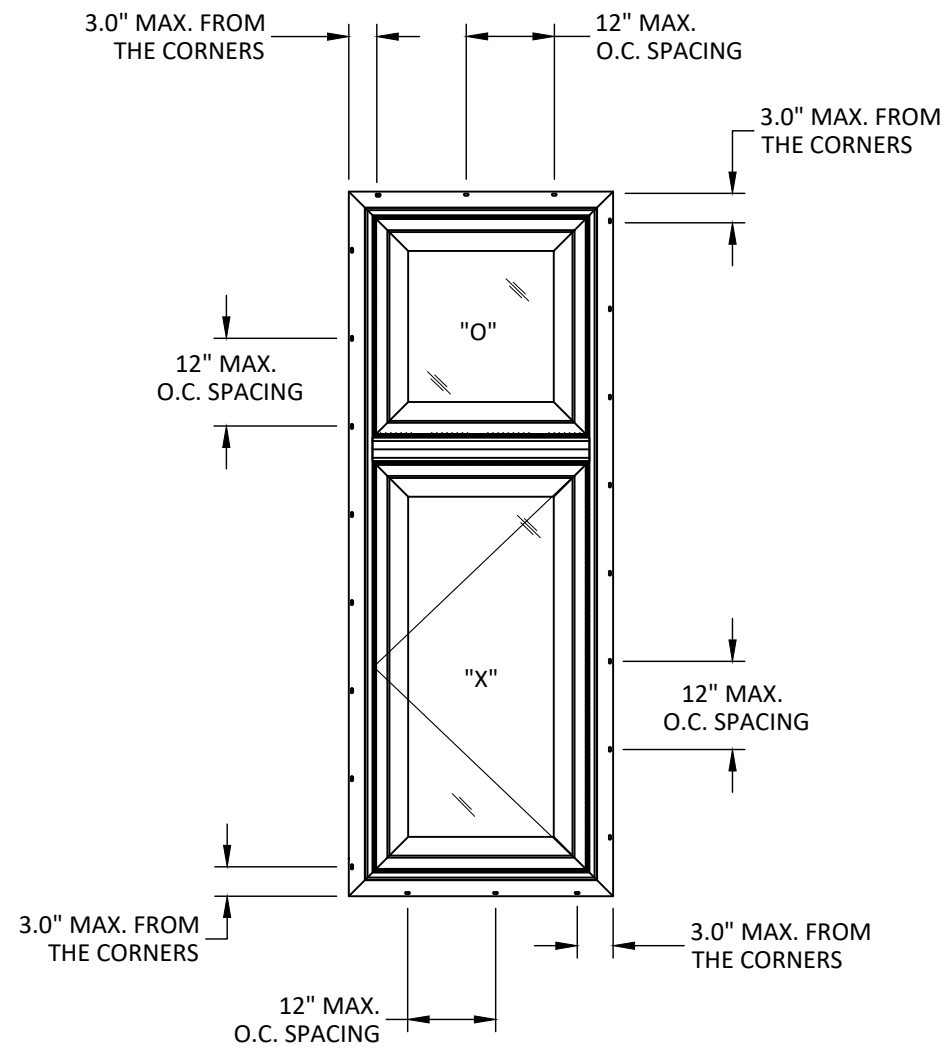
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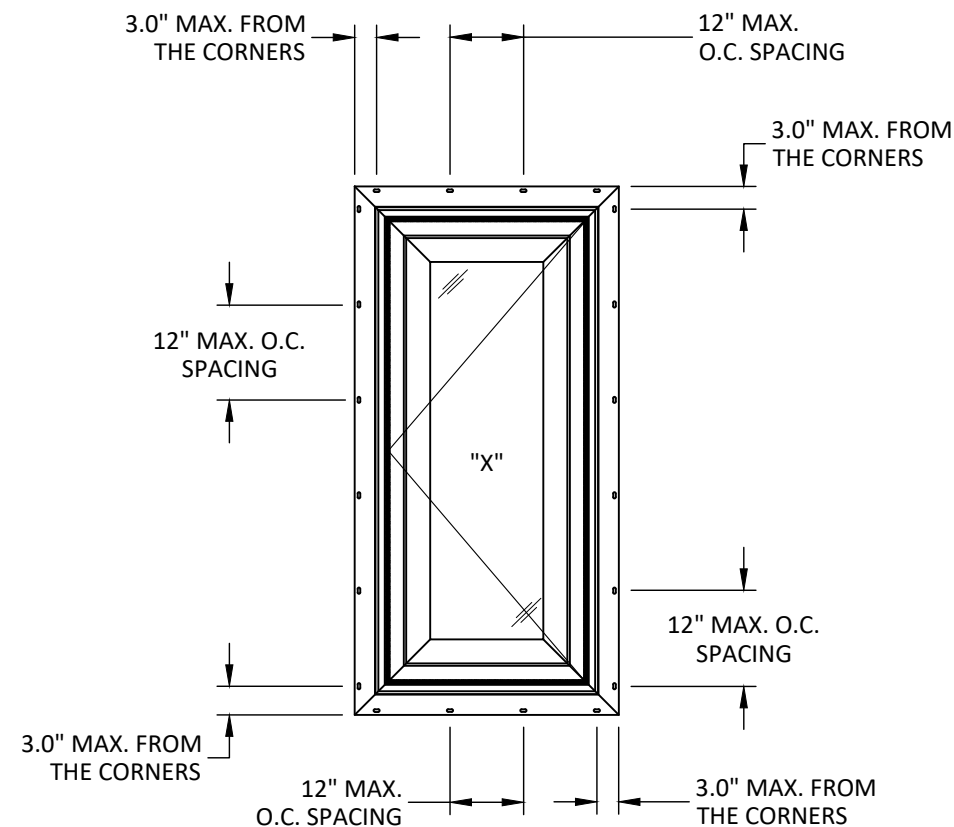


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SHEET:	5

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ANCHOR LAYOUT



ANCHOR LAYOUT



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CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)

ANCHOR LAYOUTS

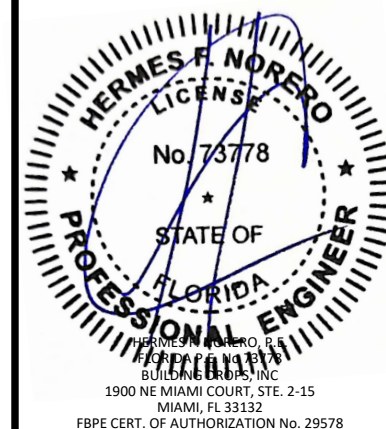
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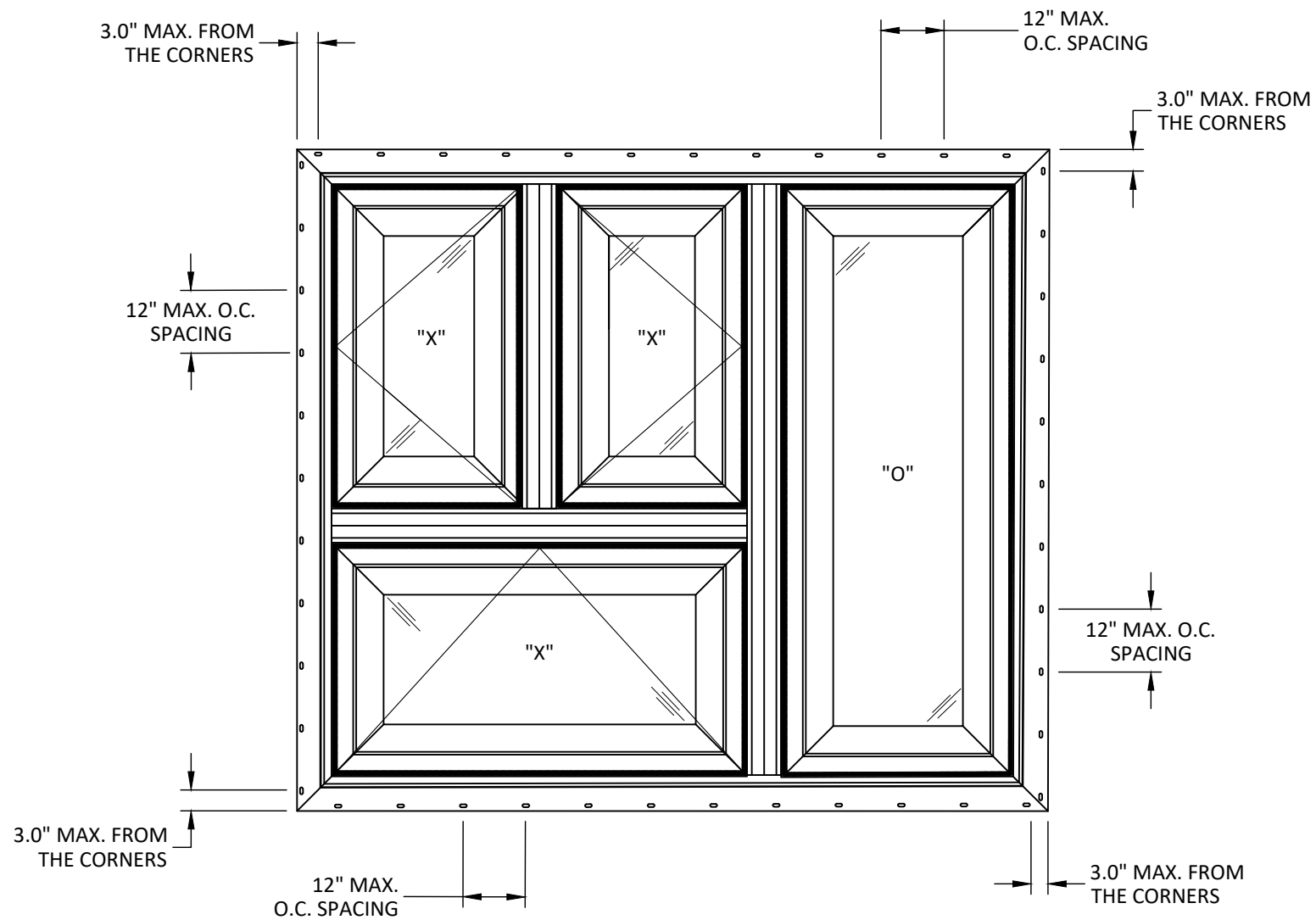
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ANCHOR LAYOUT



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Salt Lake City, UT 84104
PH: +1-800-748-4661

TITLE: VZ1 HAMPTON SERIES
CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)

ANCHOR LAYOUT

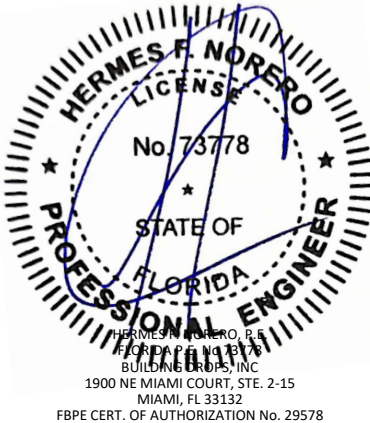
PREPARED BY: BUILDING DROPS, INC.

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



REMARKS	BY	DATE

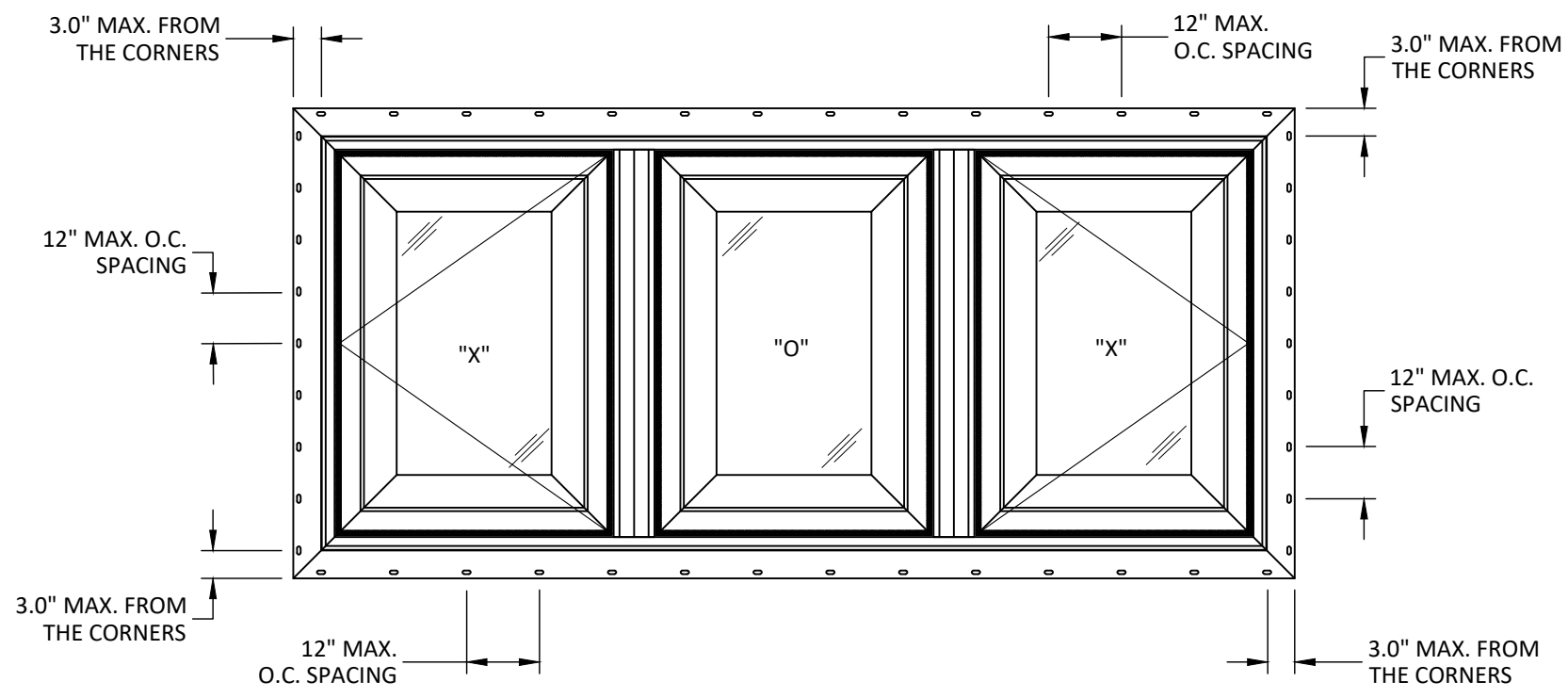
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DATE:	05.20.25
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HJ	HFN
SCALE:	NTS
DWG. #:	AMS002
SHEET:	

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ANCHOR LAYOUT



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VZ1 HAMPTON SERIES
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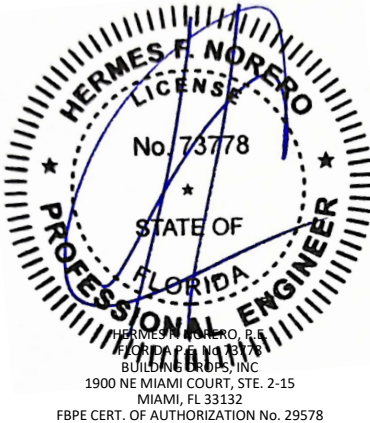
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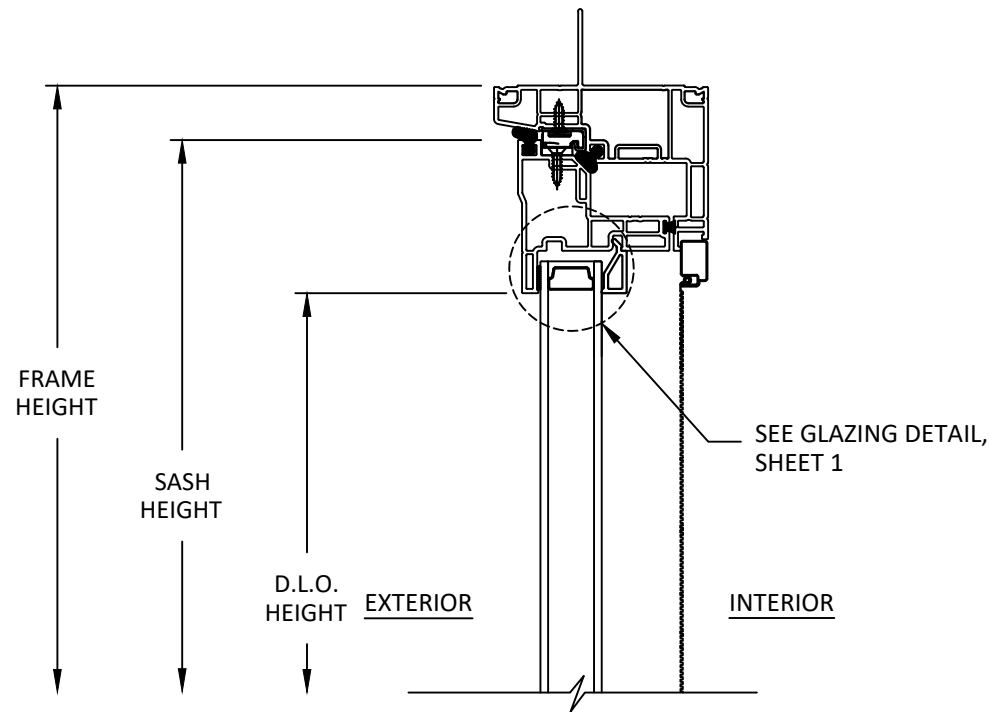
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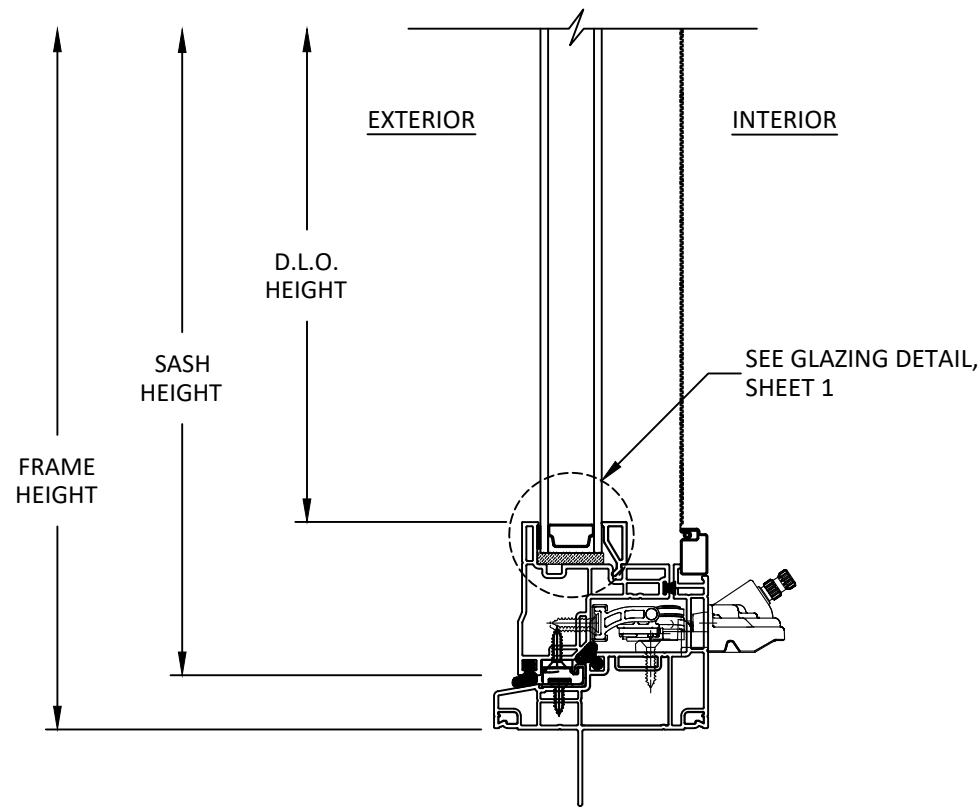
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OF 11

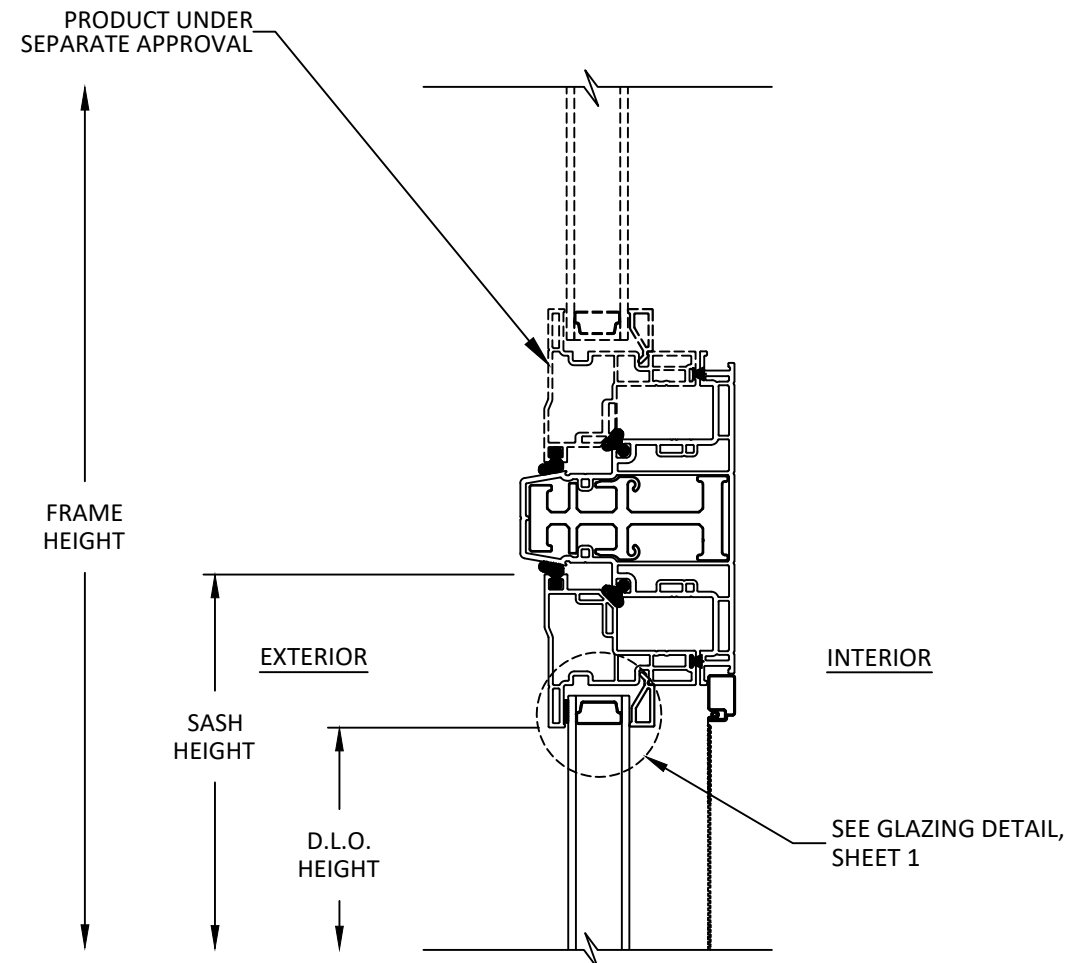
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A
9
VERTICAL SECTION
CASEMENT HEAD



B
9
VERTICAL SECTION
CASEMENT SILL



C
9
VERTICAL SECTION
TYP. HORIZONTAL MULLION



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VERTICAL SECTIONS

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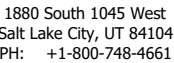


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HORIZONTAL SECTIONS

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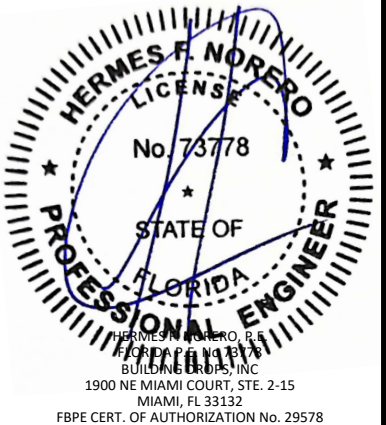
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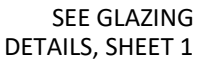
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OF 11



EXTERIOR

A HORIZONTAL SECTION
10 HINGE JAMB

D.L.O.
WIDTH

SASH WIDTH

FRAME WIDTH

D HORIZONTAL SECTION

10 LOCK JAMB



EXTERIOR

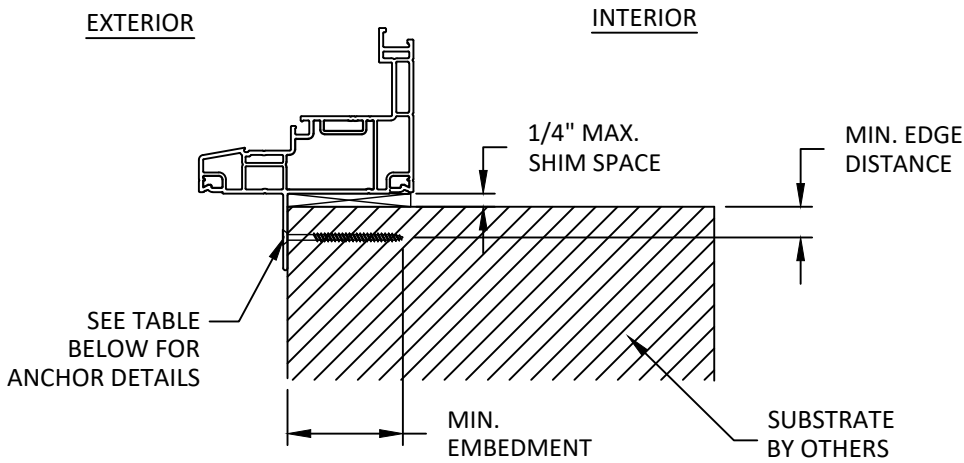
B HORIZONTAL SECTION

CS/CS MULLION



C HORIZONTAL SECTION
10 TYP. VERT MULLION

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A
11 **VERTICAL SECTION**
SILL - NAIL-FIN

NOTE: HEAD AND
JAMB SIMILAR

INSTALLATION NOTES:

- ONE INSTALLATION ANCHOR ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEETS 6, 7, AND 8.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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.
- 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.
- 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 MASONRY OR CONCRETE OPENINGS, A 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.
- 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 TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#8 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"



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ANCHOR DETAILS
AND INSTALLATION NOTES

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OF 11