

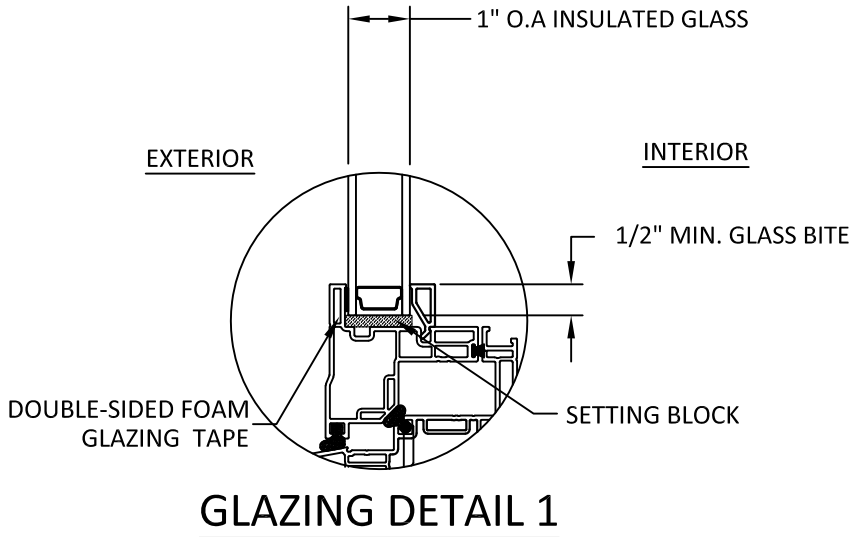
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AMSCO WINDOWS

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\"/>
- | TABLE OF CONTENTS | |
|-------------------|--|
| SHEET | SHEET DESCRIPTION |
| 1 | GENERAL NOTES AND GLAZING DETAIL |
| 2 | ELEVATION AND SINGLE CASEMENT DESIGN PRESSURE TABLES |
| 3 | ELEVATIONS |
| 4 | ELEVATION |
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| 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
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PH: +1-800-748-4661
- TITLE:

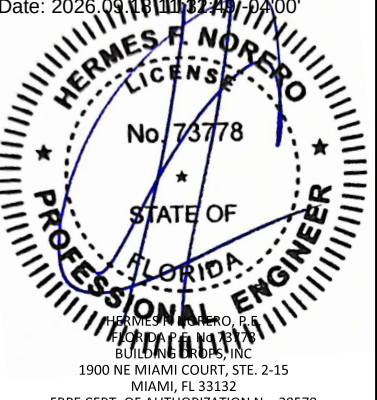
VZ1 HAMPTON SERIES CASEMENT WINDOW (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES & GLAZING DETAIL

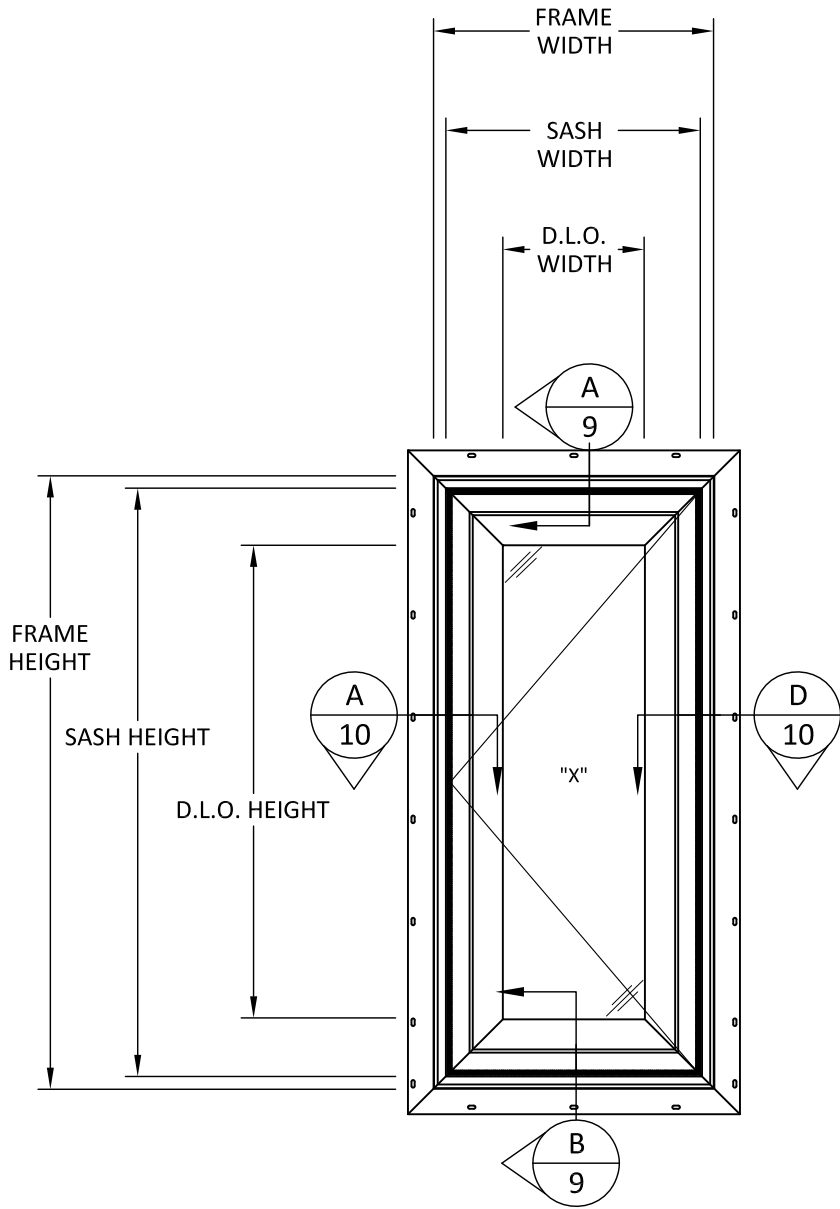
PREPARED BY:

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

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REMARKS	BY	DATE		
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Digitally signed by Hermes F. Norero, P.E. Reason: I am approving this document Date: 2026.09.15 11:12 AM -0400				
				
FL #: FL47558				
DATE: 05.20.25				
DWG. BY: HJ	CHK. BY: HFN			
SCALE: NTS				
DWG. #: AMS002				
SHEET: 1		REV. A		
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	46.7	46.7
48		46.4	46.4
18	90	37.3	37.3
24		50.0	50.0
30		37.7	37.7
36		41.3	41.3
42	96	31.0	31.0
48		31.0	31.0

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	46.7	46.7
48		46.4	46.4
18	90	37.3	37.3
24		50.0	50.0
30		37.7	37.7
36		41.3	41.3
42	96	31.0	31.0
48		31.0	31.0



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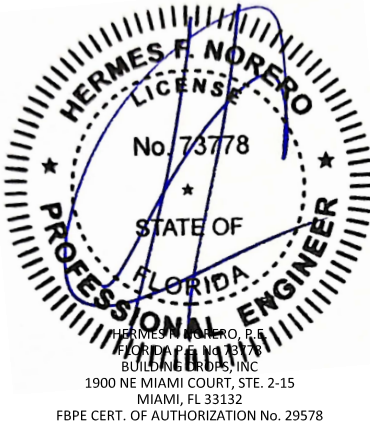
TITLE: VZ1 HAMPTON SERIES
CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)
ELEVATION AND SINGLE CASEMENT
DESIGN PRESSURE TABLES

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FL #:
FL47558

DATE: **05.20.25**

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

SCALE: **NTS**

DWG. #: **AMS002**

SHEET: **2** REV. **A**

OF 11

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QUALIFIED CONFIGURATIONS



1880 South 1045 West
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TITLE: VZ1 HAMPTON SERIES
CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)
QUALIFIED CONFIGURATIONS
ELEVATIONS

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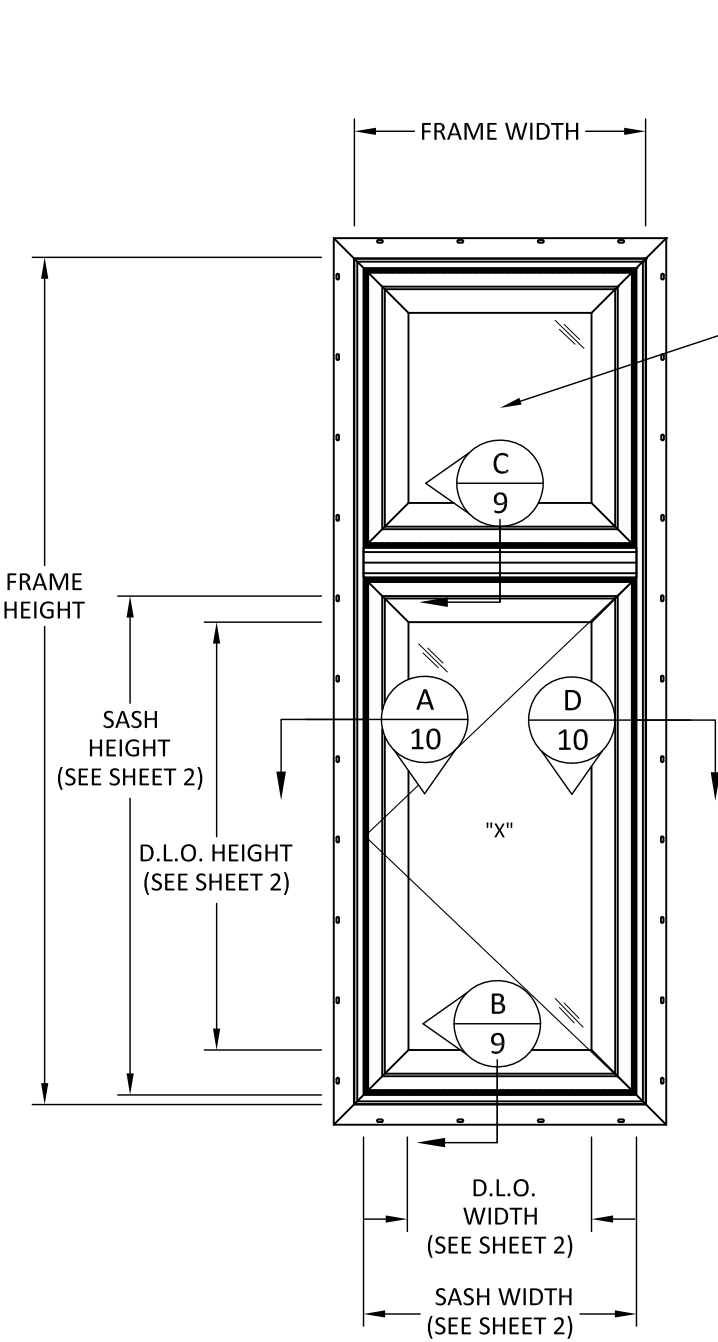


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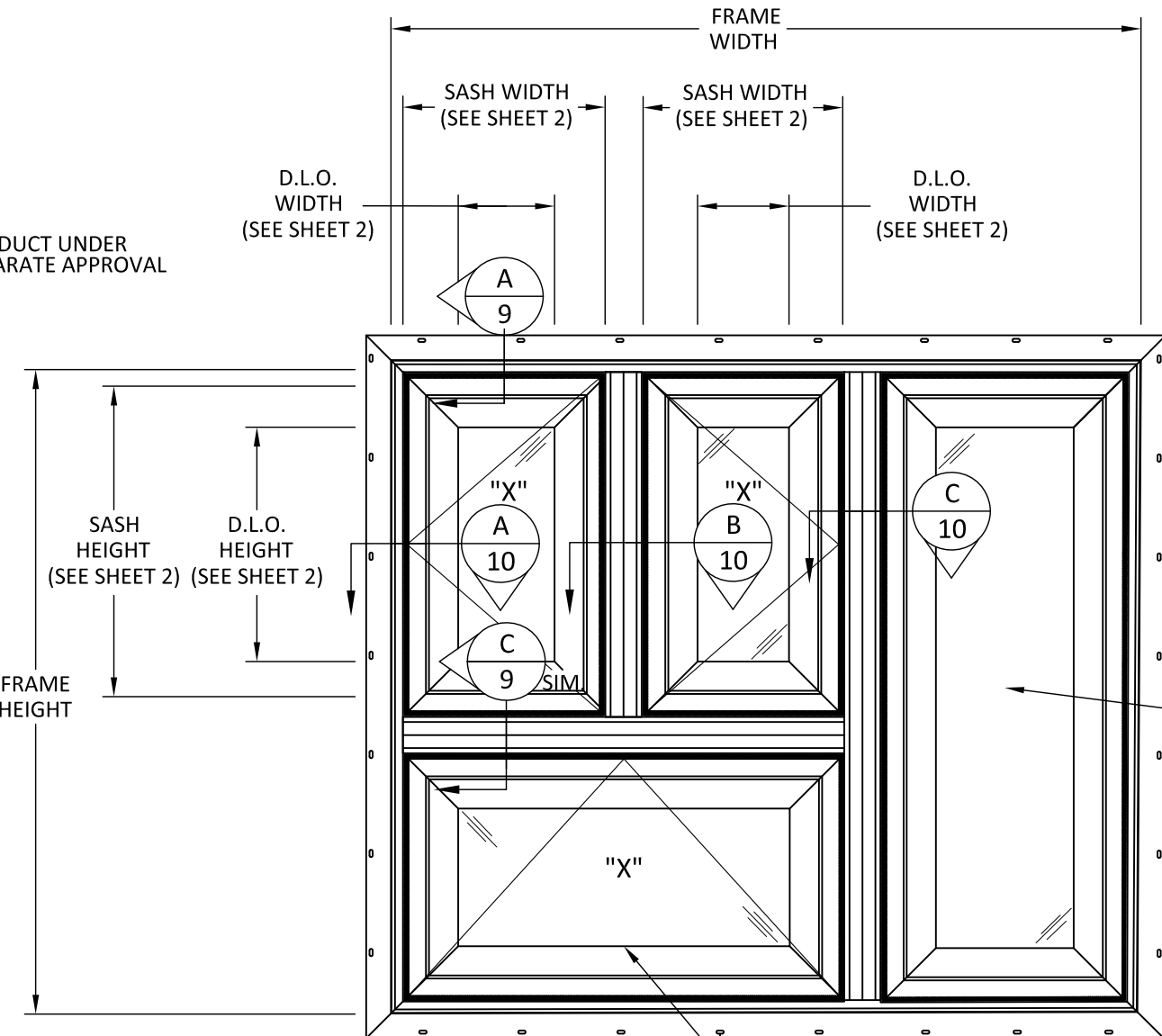


FL #:	FL47558	
DATE:	05.20.25	
DWG. BY:	HJ	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	AMS002	
SHEET:	3	REV. A



ELEVATION
AREA CANNOT EXCEED 24 FT²

PRODUCT UNDER
SEPARATE APPROVAL



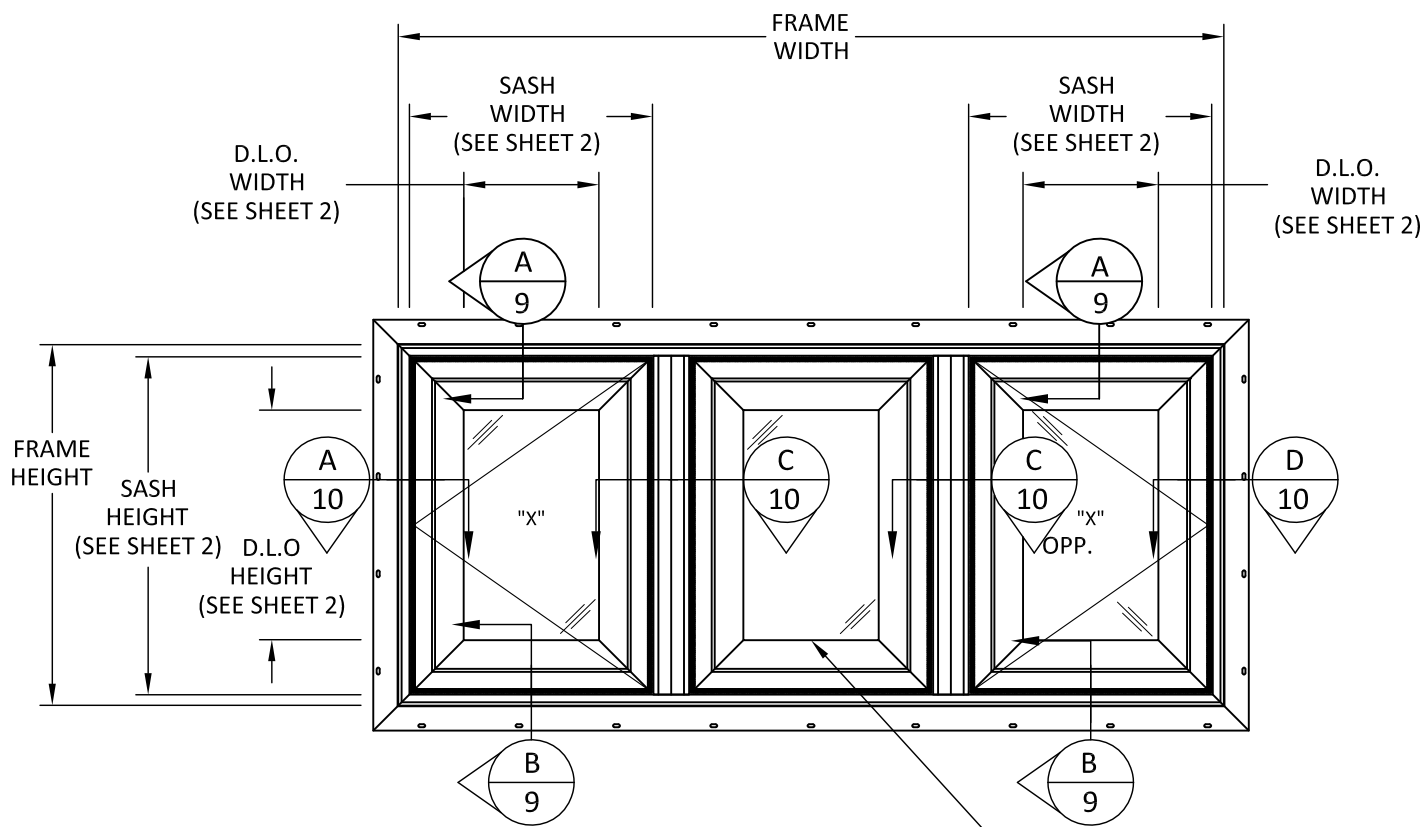
ELEVATION
AREA CANNOT EXCEED 56 FT²

PRODUCT UNDER
SEPARATE APPROVAL

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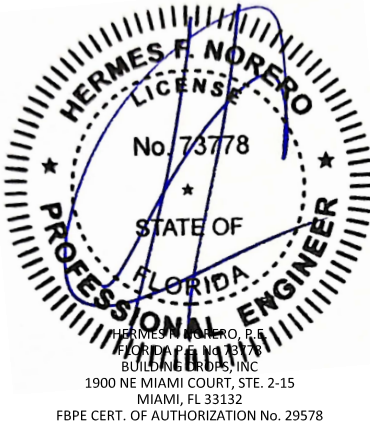
TITLE: VZ1 HAMPTON SERIES
CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)
QUALIFIED CONFIGURATIONS
ELEVATION

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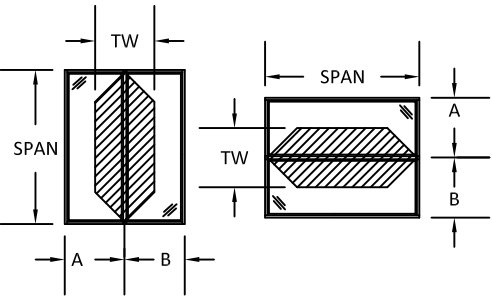


FL #:	FL47558
DATE:	05.20.25
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HJ	HFN
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OF 11	

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ONE WAY DESIGN PRESSURE TABLE

ONE-WAY MULLION DP TABLE			
TW (IN.)	SPAN (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

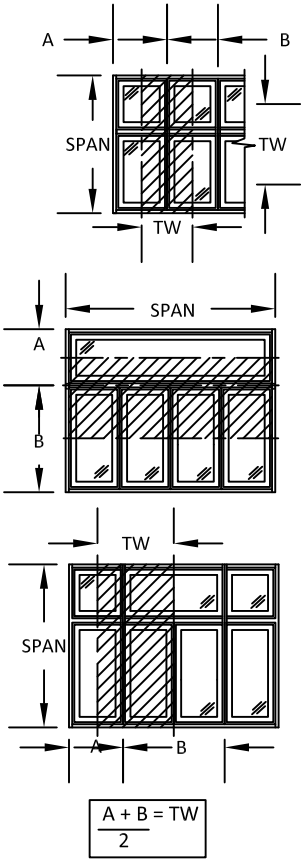


ONE-WAY MULLION DP TABLE			
TW (IN.)	SPAN (IN.)	POS. (+)	NEG. (-)
36	78	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
84	84	40.0	40.0
42		40.0	40.0
48		40.0	40.0
54		30.0	30.0
60		30.0	30.0
66		30.0	30.0
72		30.0	30.0
78		30.0	30.0
36	90	40.0	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		35.7	35.7
36	96	40.0	40.0
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	40.0	40.0
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	40.0	40.0
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	40.0	40.0
42		26.9	26.9
48		23.9	23.9
54		21.5	21.5
60		30.0	30.0
66		26.3	26.3
72		23.0	23.0
78		20.5	20.5

TWO WAY DESIGN PRESSURE TABLE

TWO-WAY MULLION DP TABLE			
TW (IN.)	SPAN (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
84	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	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			
TW (IN.)	SPAN (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		35.7	35.7
36	96	40.0	40.0
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		28.1	28.1
54		25.3	25.3
60		30.0	30.0
66		26.9	26.9
72		23.9	23.9
78		21.5	21.5
36	120	30.0	30.0
42		26.3	26.3
48		23.0	23.0
54		20.5	20.5



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TITLE:
VZ1 HAMPTON SERIES
CASEMENT WINDOW
(NON-HVHZ)/(NON-IMPACT)
ONE AND TWO WAY MULLION
DESIGN PRESSURE TABLES

PREPARED BY:
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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
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

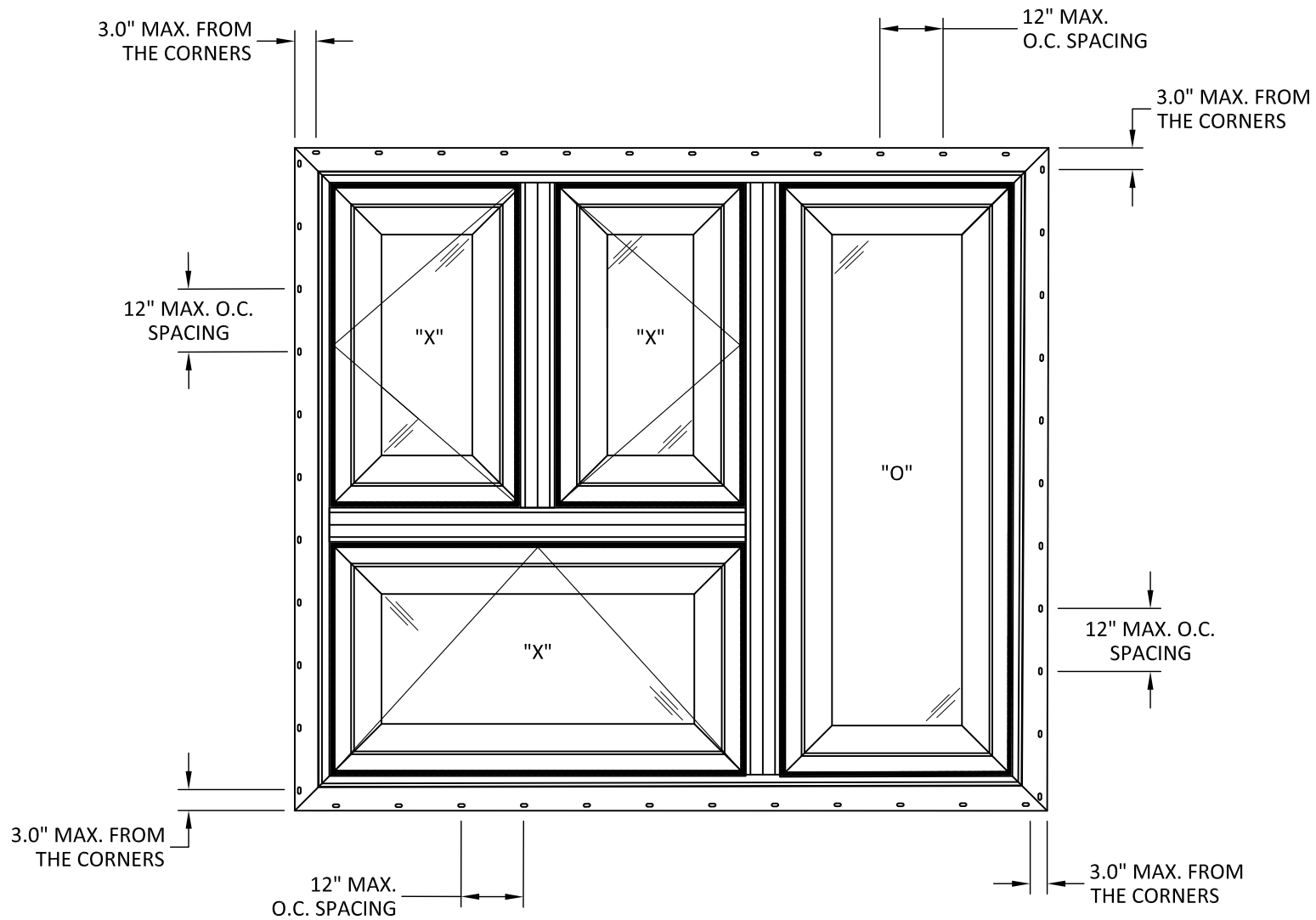
SCALE: NTS

DWG. #: AMS002

SHEET: 5
REV. A



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ANCHOR LAYOUT



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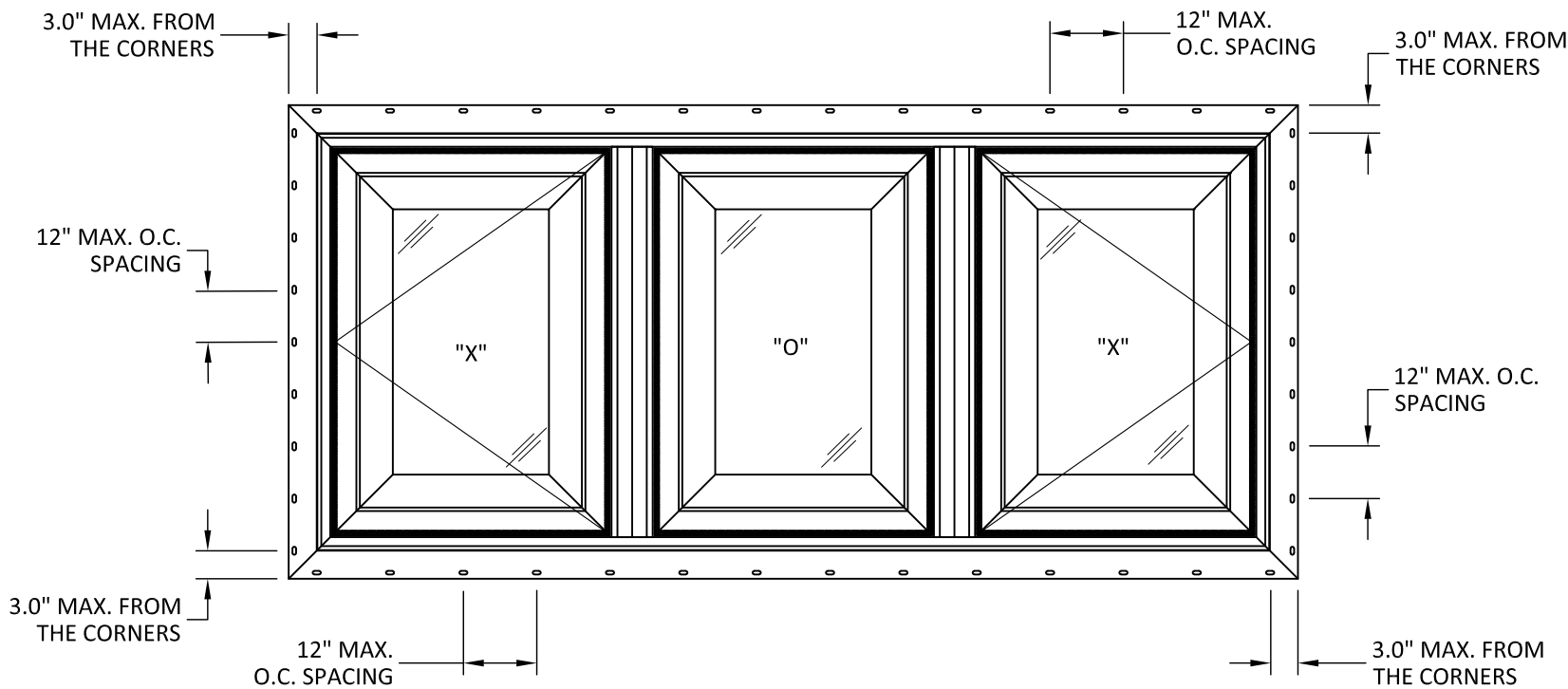
REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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FL #:	FL47558
DATE:	05.20.25
DWG. BY: HJ	CHK. BY: HFN
SCALE:	NTS
DWG. #:	AMS002
SHEET: 7	REV. A

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ANCHOR LAYOUT



1880 South 1045 West
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

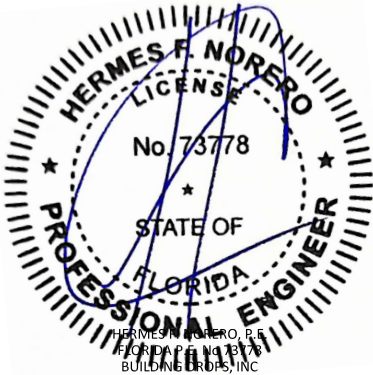
FAX: (954)744-4738

WEB: www.buildingdrops.com



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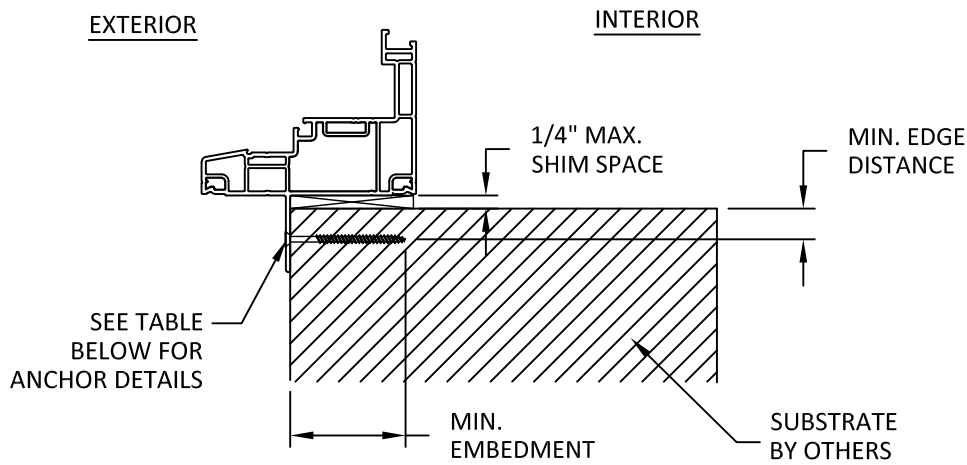


HERMES F. NORERO, P.E.
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1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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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:
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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 GR. 5 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"



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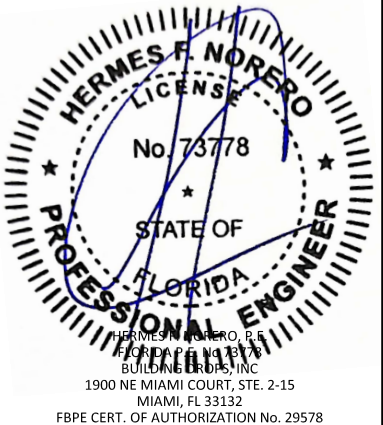
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OF 11