

PHOS WINDOW

SERIES 1400 FIXED PICTURE WINDOW

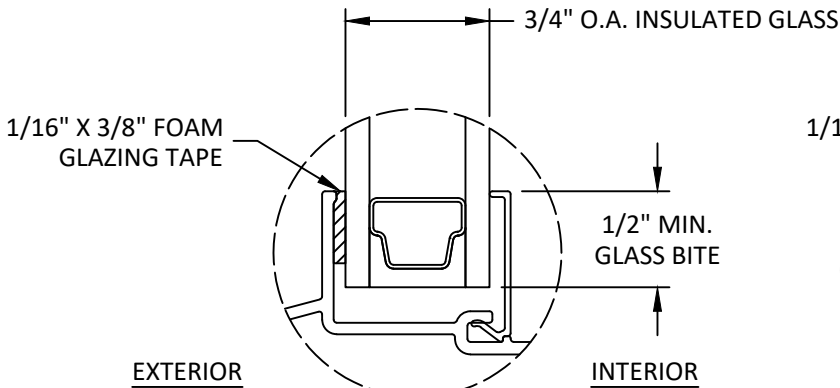
(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **EXCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD 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** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. FRAME MATERIAL: uPVC.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

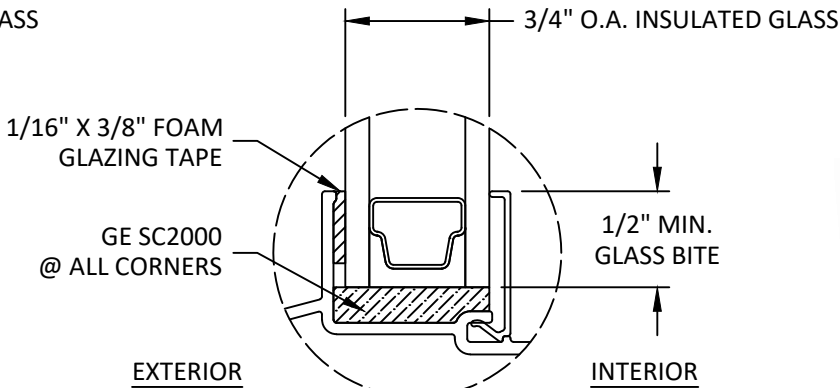
TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAILS
2	TYPICAL ELEVATIONS AND ANCHOR LAYOUTS
3	VERTICAL SECTION
4	HORIZONTAL SECTION
5	INSTALLATION NOTES AND DETAILS

DESIGN PRESSURE RATING		
FRAME SIZE	DESIGN PRESSURE	MISSILE RATING
48" X 48"	+/- 90 PSF	NON-IMPACT
72-1/4" X 72-1/2"	+/- 50 PSF	



GLAZING DETAIL 1

(FOR 48" X 48" FRAME)



GLAZING DETAIL 2

(FOR 74-1/4" X 74-1/2" FRAME)

GLAZING NOTES:

1. GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. 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 IN SHEETS 1 & 2.

PHOS

PHOS WINDOW
1201 ECHOLS DR
FORT PAYNE, AL 35968
PH: (256) 417-4919 FX: (866) 929-1976

TITLE:
SERIES 1400 FIXED PICTURE WINDOW
(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES & GLAZING DETAILS

PREPARED BY:

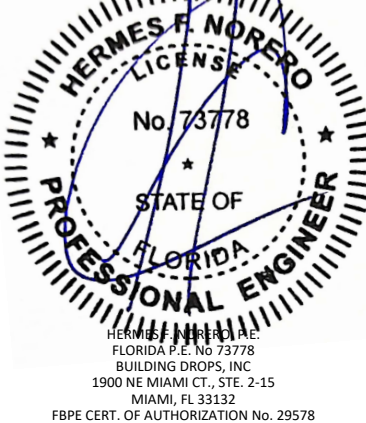
BUILDING DROPS, INC.
1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 44-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
NAME CHANGE	HJ	10.2025

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: 2025.11.09 11:15:54 -01'00'

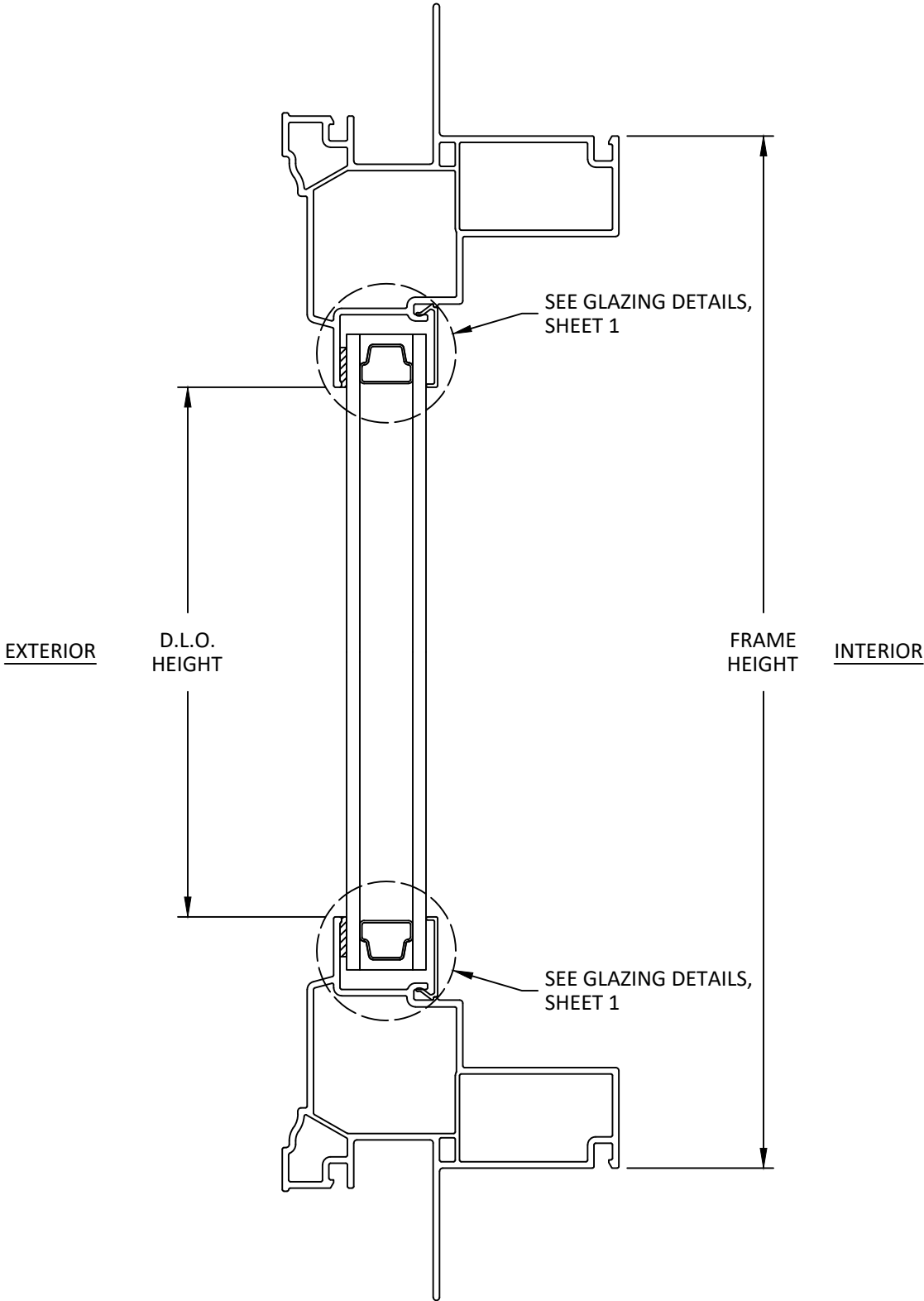


FL #:	FL46606
DATE:	10.17.2025
DWG. BY:	HJ
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	PHS002
SHEET:	1



PHOS WINDOW 1201 ECHOLS DR FORT PAYNE, AL 35968 PH: (256) 417-4919 FX: (866) 929-1976		
TITLE: SERIES 1400 FIXED PICTURE WINDOW (NON-HVHZ) (NON-IMPACT) TYPICAL ELEVATIONS & ANCHOR LAYOUTS		
PREPARED BY: BUILDING DROPS, INC. 1900 NE MIAMI CT., STE. 2-15 MIAMI, FL 33132 PH: (954) 399-8478 FAX: (954) 744-4738 WEB: www.buildingdrops.com		
		
REMARKS	BY	DATE
NAME CHANGE	HJ	10.2025
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL 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 #:		
FL46606		
DATE: 10.17.2025		
DWG. BY: HJ	CHK. BY: HFN	
SCALE: NTS		
DWG. #: PHS002		
SHEET: 2		

c:\users\harley\appdata\local\temp\building drops landing - common\projects\all temp windows\bc-25-0929.1 - submital - fpa revisions - name change.dwg\146606\phs002.dwg 10/23/2025 3:11 PM



A
3

VERTICAL SECTION
PICTURE WINDOW



PHOS WINDOW
1201 ECHOLS DR
FORT PAYNE, AL 35968
PH: (256) 417-4919 FX: (866) 929-1976

TITLE:
SERIES 1400 FIXED PICTURE WINDOW
(NON-HVHZ) (NON-IMPACT)

VERTICAL SECTION

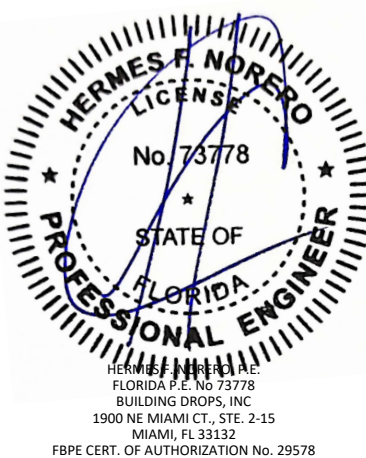
PREPARED BY:



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

REMARKS	BY	DATE
NAME CHANGE	HJ	10.2025

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 #: **FL46606**

DATE: **10.17.2025**

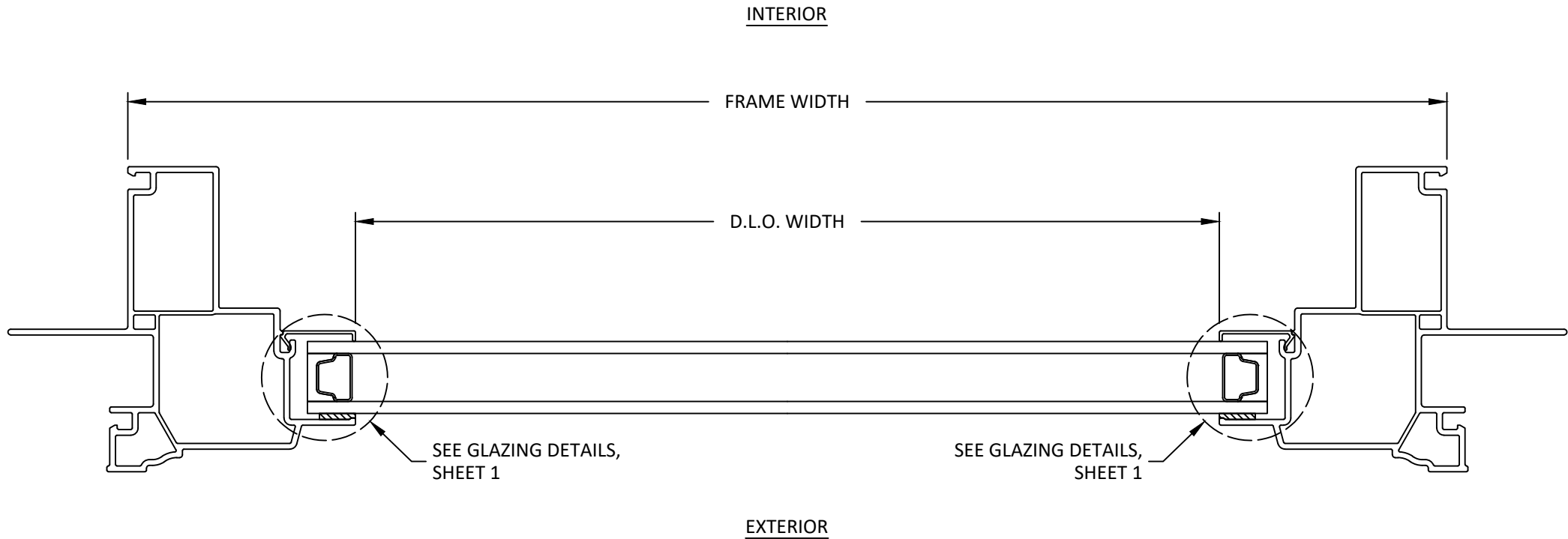
DWG. BY: HJ	CHK. BY: HFN
-----------------------	------------------------

SCALE: **NTS**

DWG. #: **PHS002**

SHEET: **3**

c:\users\hartley\appdata\local\temp\windows\all temp windows\bc-25-0929.1 - submital - fpa revisions - name change.dwg, c:\phs002.dwg, 10/23/2025 3:11 PM



B
4 **HORIZONTAL SECTION**
PICTURE WINDOW



PHOS WINDOW
1201 ECHOLS DR
FORT PAYNE, AL 35968
PH: (256) 417-4919 FX: (866) 929-1976

TITLE:
SERIES 1400 FIXED PICTURE WINDOW
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTION

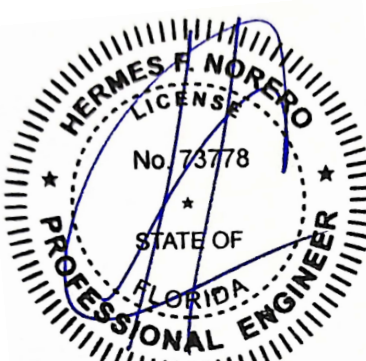
PREPARED BY:

**BUILDING DROPS**

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

REMARKS	BY	DATE
NAME CHANGE	HJ	10.2025

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.



HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL46606**

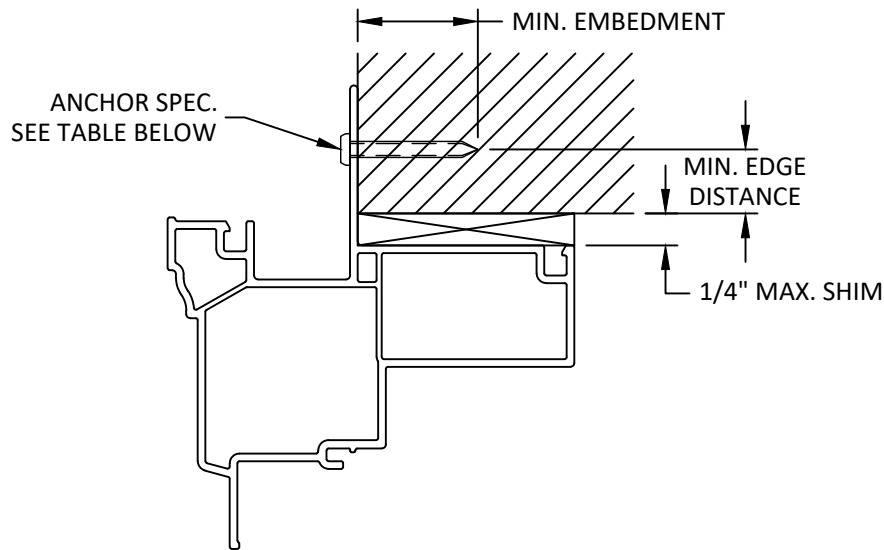
DATE: **10.17.2025**

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

SCALE: **NTS**

DWG. #: **PHS002**

SHEET: **4**

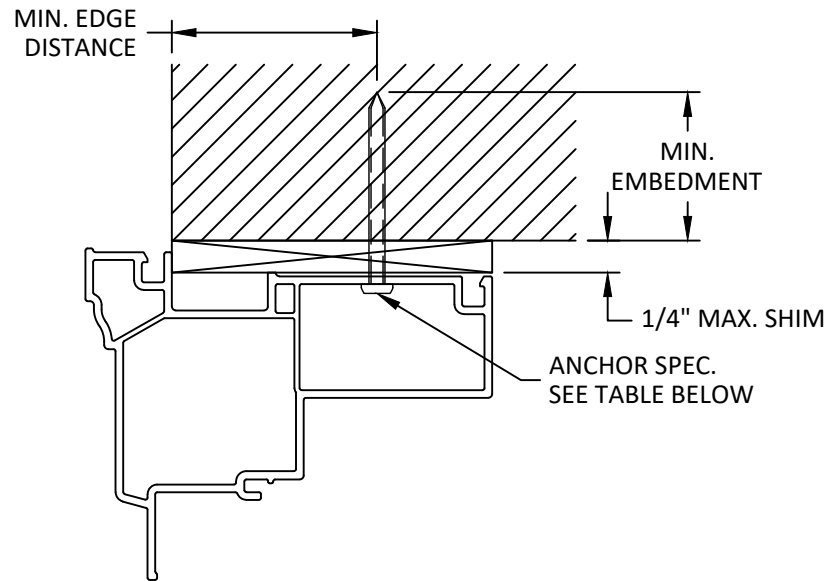


C
5

INSTALLATION DETAIL

NAIL FIN
HEAD

JAMB & SILL SIMILAR



D
5

INSTALLATION DETAIL

THROUGH FRAME
HEAD

JAMB & SILL SIMILAR

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
- 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 $\pm 1/4$ INCH OF 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 NAIL FIN INSTALLATION, SHIM AS NEEDED TO ACHIEVE A PLUMB AND SQUARE INSTALLATION. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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, 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.
- 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 TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN	WOOD: MIN. S.G. = 0.55	#8 PAN HEAD WOOD SCREW	3/4"	1/2"
	STEEL: MIN. 16 GA. MIN. Fy = 36 ksi	#8 GRADE 5 PAN HEAD SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	1/2"
	ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5			
THROUGH FRAME	WOOD: MIN. S.G. = 0.55	#10 WOOD SCREW	1-1/2"	1"
	STEEL: MIN. 16 GA. MIN. Fy = 36 ksi	#10 GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	1/2"
	ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5			
	CONCRETE: MIN. f'c = 3000 psi	3/16" ITW TAPCON	1"	1-1/2"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI		1"	2"

PHOS

PHOS WINDOW
1201 ECHOLS DR
FORT PAYNE, AL 35968
PH: (256) 417-4919 FX: (866) 929-1976

TITLE:
SERIES 1400 FIXED PICTURE WINDOW
(NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES AND DETAILS

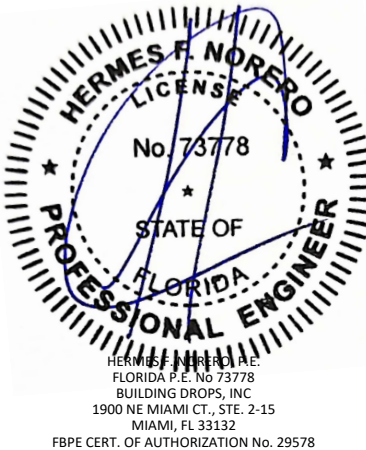
PREPARED BY:

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



REMARKS	BY	DATE
NAME CHANGE	HJ	10.2025

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 #:	FL46606
DATE:	10.17.2025
DWG. BY:	CHK. BY:
HJ	HFN
SCALE:	NTS
DWG. #:	PHS002
SHEET:	5