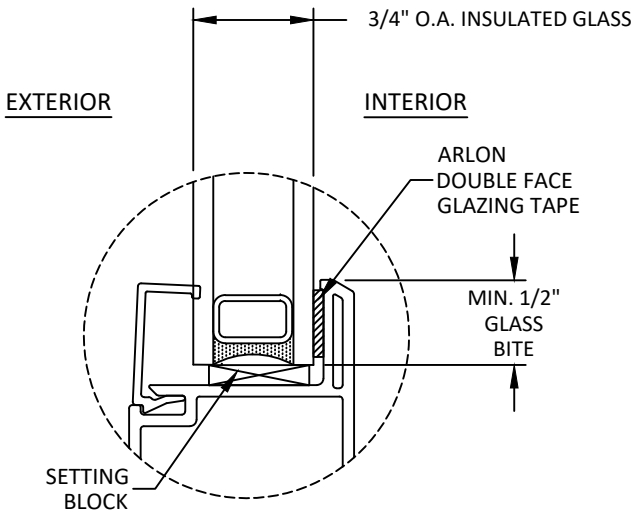


# POCAHONTAS ALUMINUM COMPANY

## PD10 PATIO DOOR (NON-HVHZ)(NON-IMPACT)

### GENERAL NOTES:

- 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/A440-11
- 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.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF  $\pm 1/2$  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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: PVC
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.
- DESIGNATIONS "X" & "O" STAND FOR THE FOLLOWING:
  - X: OPERABLE PANEL
  - O: INOPERABLE PANEL



GLAZING DETAIL 1

### GLAZING NOTES:

- GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

| TABLE OF CONTENTS |                                      |
|-------------------|--------------------------------------|
| SHEET             | SHEET DESCRIPTION                    |
| 1                 | GENERAL NOTES & GLAZING DETAIL       |
| 2                 | ELEVATION & ANCHOR LAYOUT            |
| 3                 | VERTICAL SECTIONS                    |
| 4                 | HORIZONTAL SECTIONS                  |
| 5                 | INSTALLATION NOTES & ANCHOR SCHEDULE |

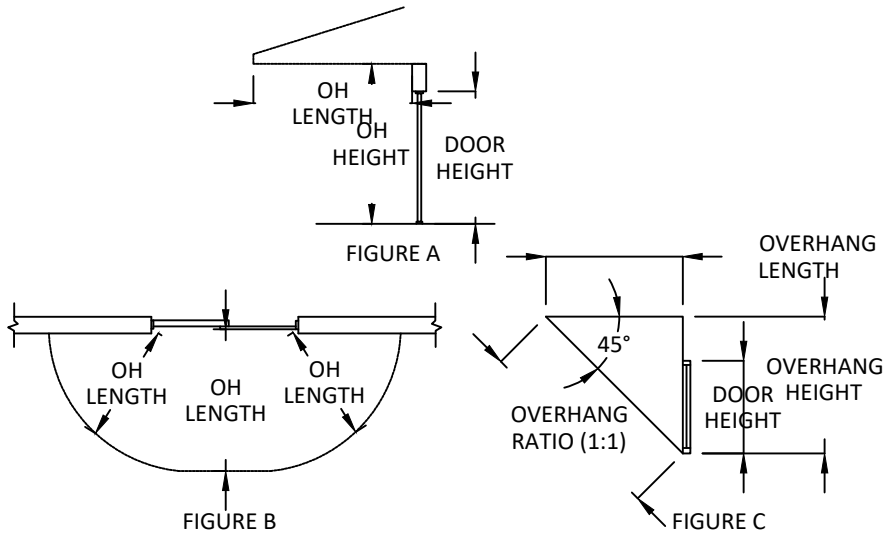
| DESIGN PRESSURE RATING (PSF) |             |              |                 |                       |
|------------------------------|-------------|--------------|-----------------|-----------------------|
| CONFIGURATION                | WIDTH (IN.) | HEIGHT (IN.) | DESIGN PRESSURE | MISSILE IMPACT RATING |
| "XO"                         | 72.00       | 80.00        | $\pm 25$ PSF    | NON-IMPACT            |

WATER TEST PRESSURE = +5.43 PSF

NOTE: WHEN INSTALLED AT A LOCATION PROTECTED BY AN OVERHANG SUCH THAT:

- OVERHANG (OH) RATIO = OH LENGTH  $\div$  OH HEIGHT IS  $\geq 1.0$ ,

PRODUCT REQUIRES LIMITED WATER (LW) TESTING.



POCAHONTAS ALUMINUM COMPANY, INC.  
2100 INDUSTRIAL DRIVE  
POCAHONTAS, AR 72455  
PH: (870) 892-3689 Ext 102

TITLE:  
PD10 PATIO DOOR  
(NON-HVHZ) (NON-IMPACT)

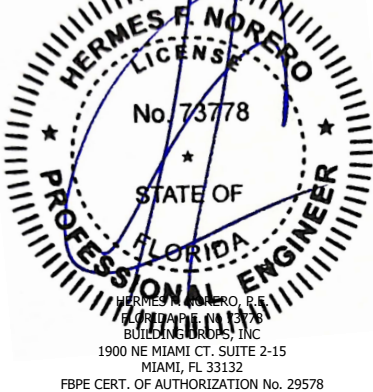
GENERAL NOTES  
& GLAZING DETAIL

PREPARED BY:  
BUILDING DROPS, INC.  
1900 NE MIAMI CT., SUITE 2-15  
MIAMI, FL 33132  
PH: (954) 999-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com

| REMARKS          | BY | DATE |
|------------------|----|------|
| 2026 CODE CHANGE | HJ | 6/26 |
|                  |    |      |
|                  |    |      |
|                  |    |      |

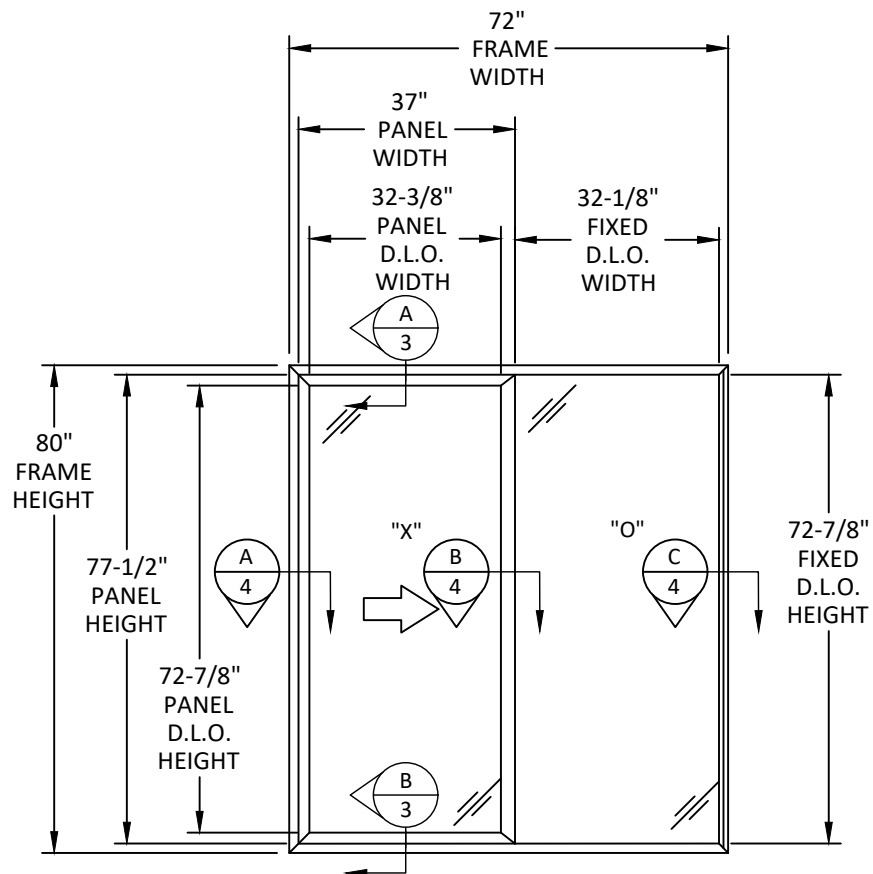
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2026.08.01 10:06:15 -0400

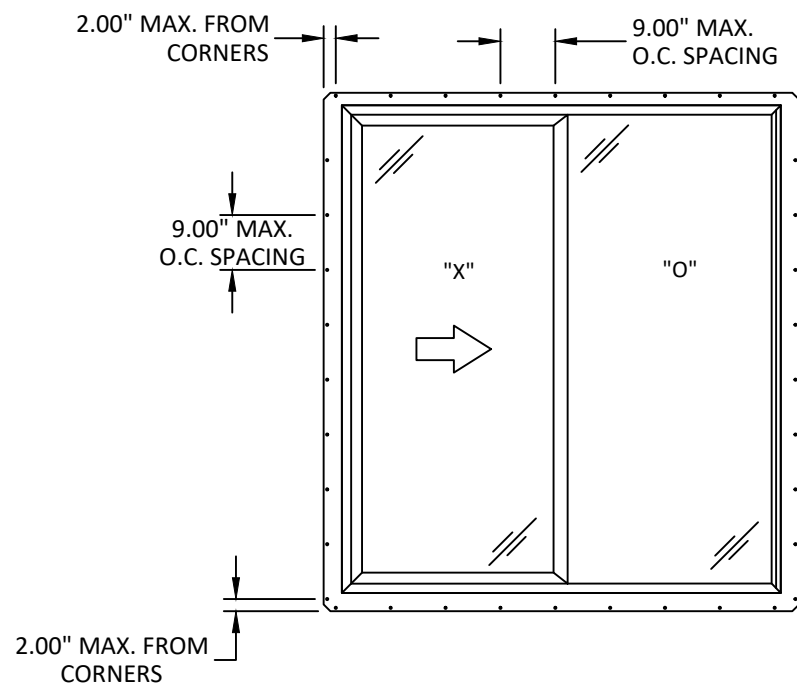


|          |            |
|----------|------------|
| FL #:    | FL29267    |
| DATE:    | 04.30.2026 |
| DWG. BY: | HJ         |
| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | PAC003     |
| SHEET:   | 1          |
| REV.     | A          |
| OF 5     |            |

c:\users\harley\desktop\projects\2026 code change\dwgs\pao003-a.dwg 7/30/2026 12:03 PM



**ELEVATION**  
SLIDING PATIO DOOR  
"XO" CONFIGURATION



**ANCHOR LAYOUT**  
SLIDING PATIO DOOR  
NAIL FIN INSTALLATION



POCAHONTAS ALUMINUM COMPANY, INC.  
2100 INDUSTRIAL DRIVE  
POCAHONTAS, AR 72455  
PH: (870) 892-3689 Ext 102

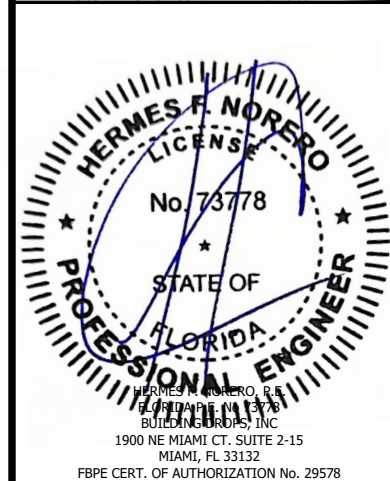
**TITLE:** PD10 PATIO DOOR  
(NON-HVHZ) (NON-IMPACT)  
ELEVATION  
& ANCHOR LAYOUT

**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**

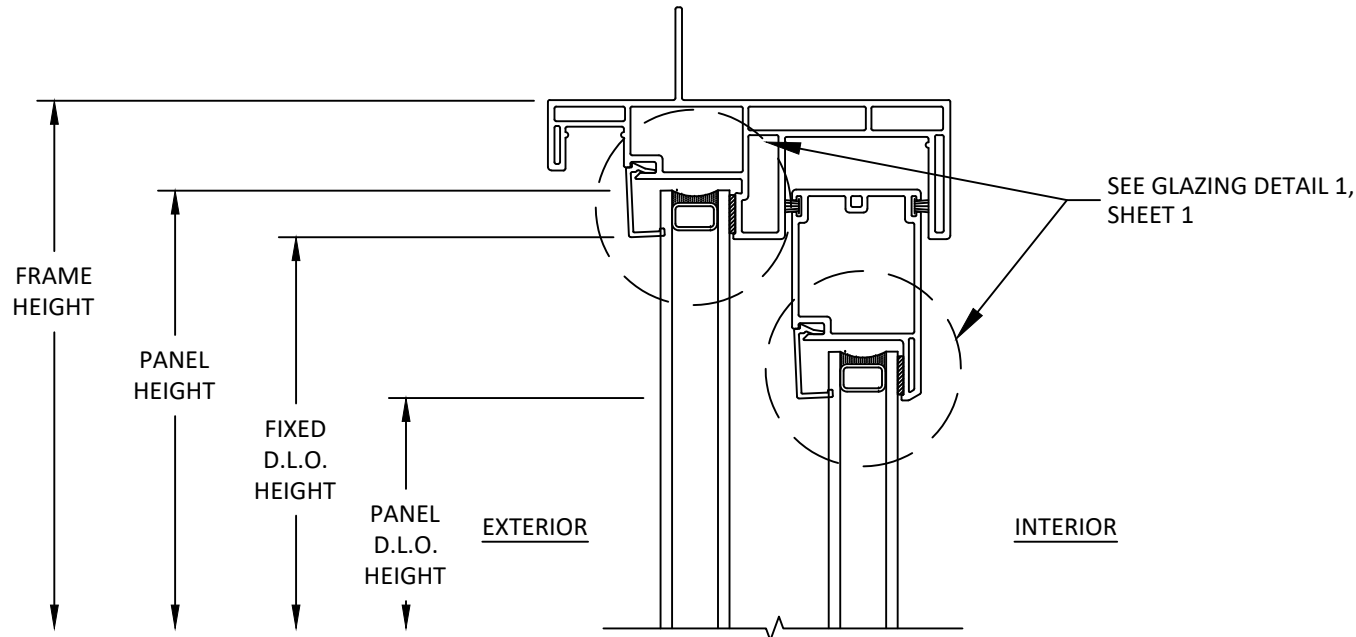
| REMARKS          | BY | DATE |
|------------------|----|------|
| 2026 CODE CHANGE | HJ | 6/26 |
|                  |    |      |
|                  |    |      |
|                  |    |      |

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.

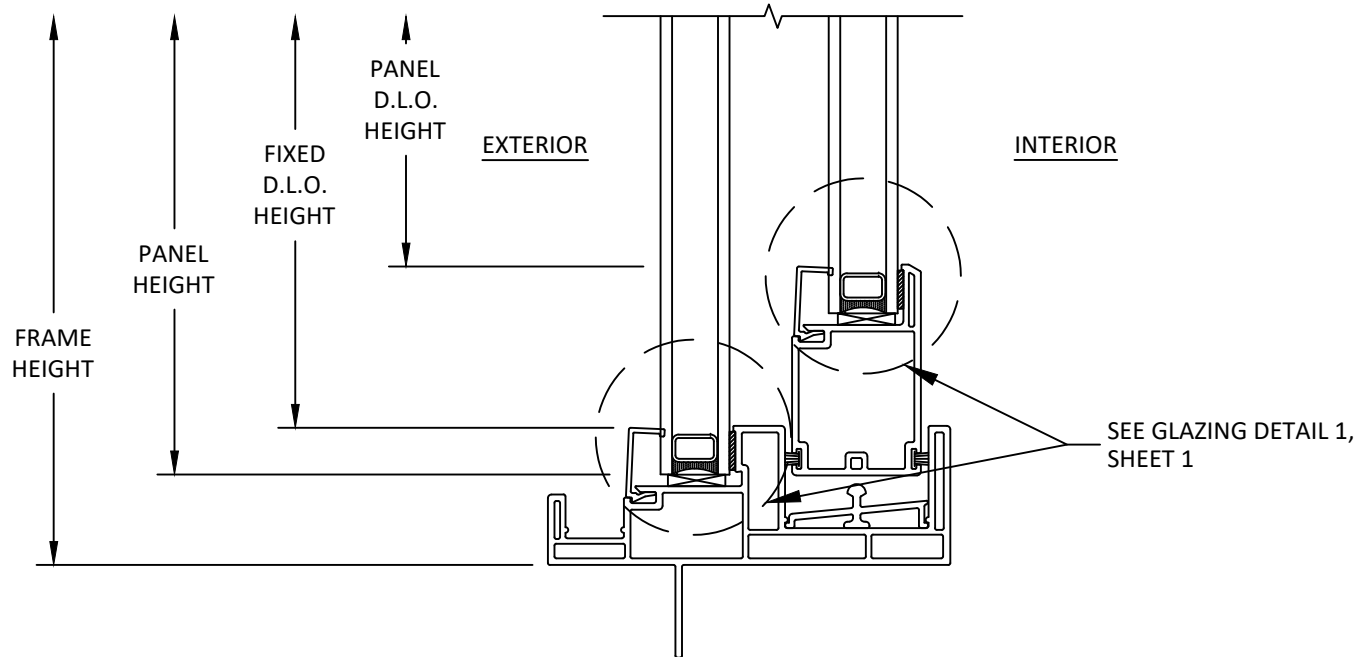


|          |            |
|----------|------------|
| FL #:    | FL29267    |
| DATE:    | 04.30.2026 |
| DWG. BY: | CHK. BY:   |
| HJ       | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | PAC003     |
| SHEET:   | REV.       |
| 2        | A          |
| OF 5     |            |

c:\users\harley\desktop\building drops, inc\building drops landing - common\projects\2026 code change projects\pocahontas aluminum company\ccc-26-0462 - 2026 code change\dwgs\pao003-a.dwg 7/30/2026 12:03 PM



**A**  
**3** VERTICAL SECTION  
HEAD



**B**  
**3** VERTICAL SECTION  
SILL



POCAHONTAS ALUMINUM COMPANY, INC.  
2100 INDUSTRIAL DRIVE  
POCAHONTAS, AR 72455  
PH: (870) 892-3689 Ext 102

**TITLE:** PD10 PATIO DOOR  
(NON-HVHZ) (NON-IMPACT)

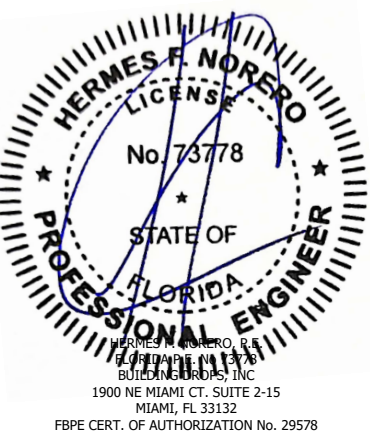
**VERTICAL SECTIONS**

**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 |
|------------------|----|------|
| 2026 CODE CHANGE | HJ | 6/26 |
|                  |    |      |
|                  |    |      |
|                  |    |      |

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 #:** FL29267

**DATE:** 04.30.2026

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

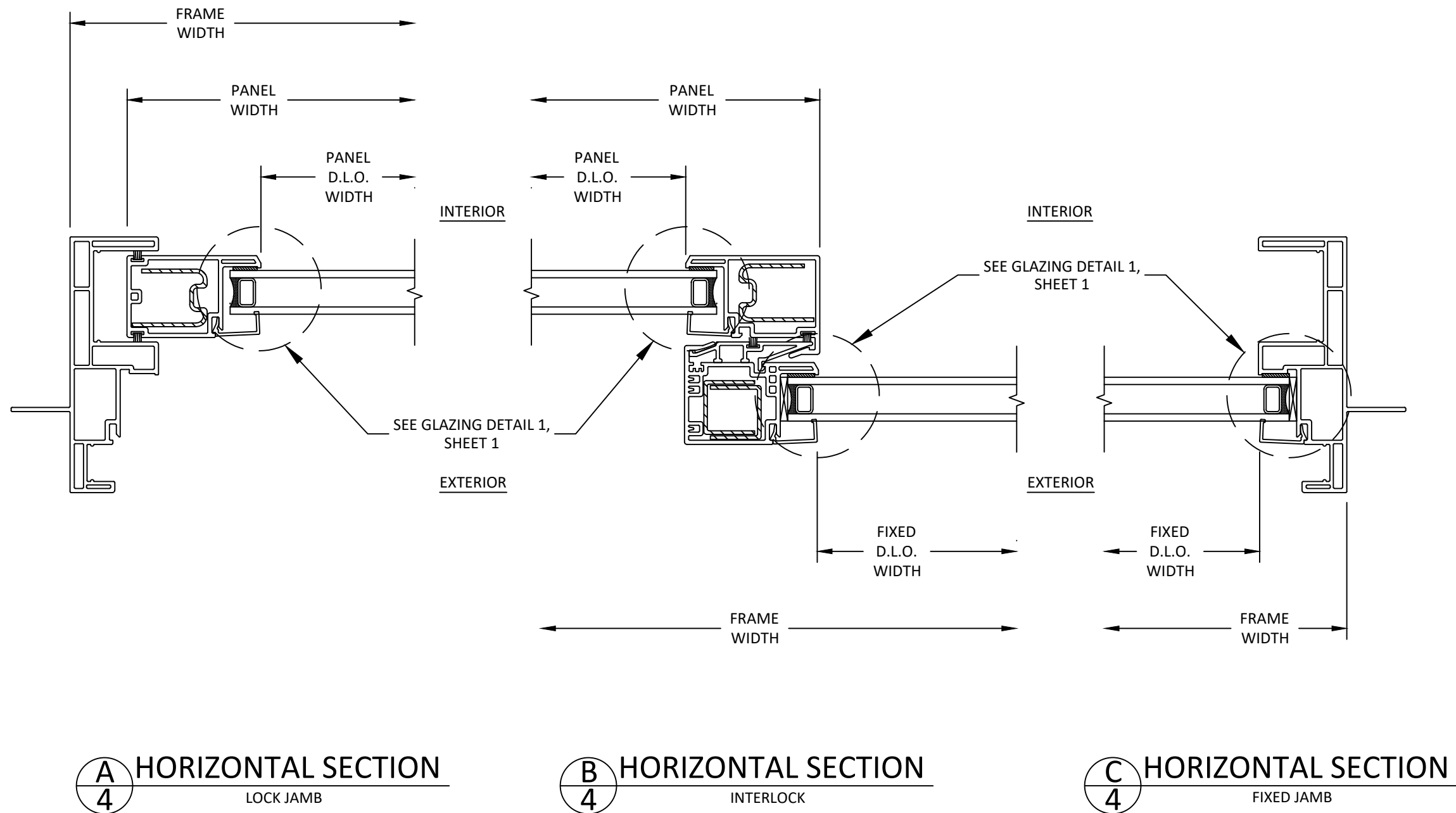
**SCALE:** NTS

**DWG. #:** PAC003

**SHEET:** 3 **REV.** A

OF 5

c:\users\harley\desktop\building drops, inc\building drops, inc\common\projects\aluminum company\2026 code change\dwgs\pac003-a.dwg 7/30/2026 12:03 PM



POCAHONTAS ALUMINUM COMPANY, INC.  
2100 INDUSTRIAL DRIVE  
POCAHONTAS, AR 72455  
PH: (870) 892-3689 Ext 102

**TITLE:** PD10 PATIO DOOR  
(NON-HVHZ) (NON-IMPACT)

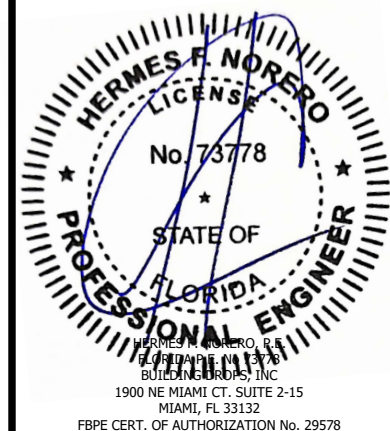
**HORIZONTAL SECTIONS**

**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 |
|------------------|----|------|
| 2026 CODE CHANGE | HJ | 6/26 |
|                  |    |      |
|                  |    |      |
|                  |    |      |

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 #: **FL29267**

DATE: **04.30.2026**

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

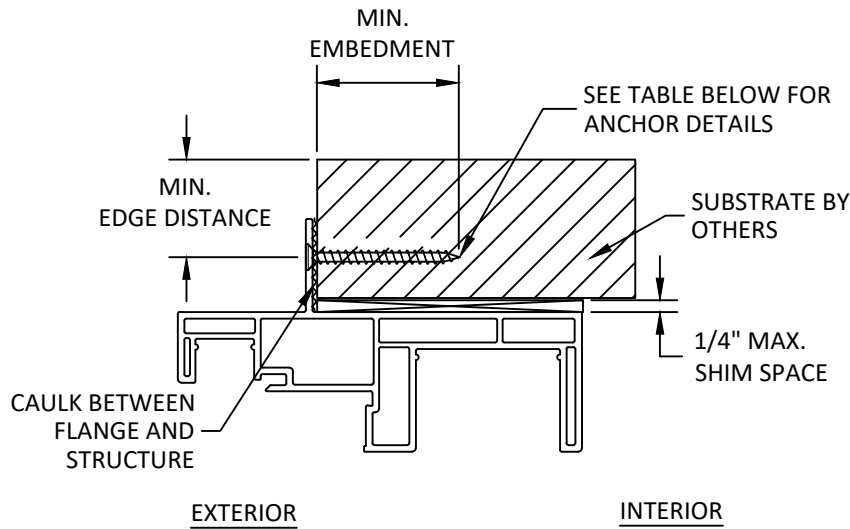
SCALE: **NTS**

DWG. #: **PAC003**

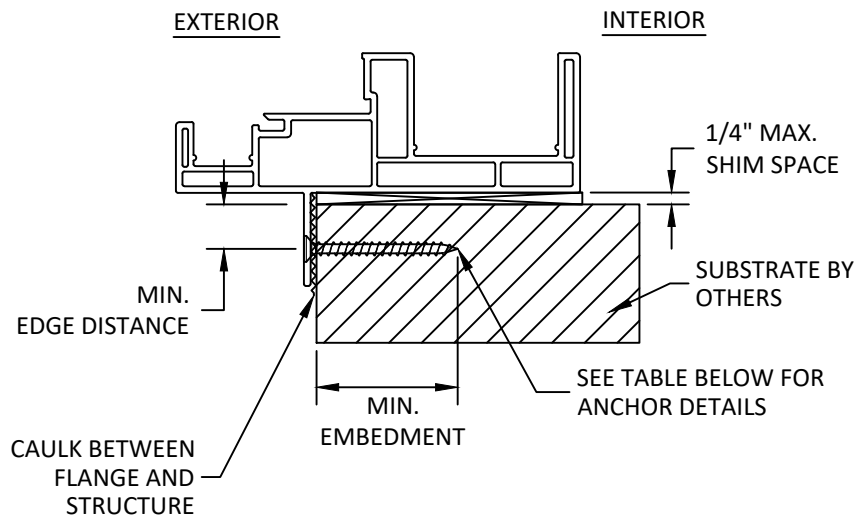
SHEET: **4** REV. **A**

OF 5

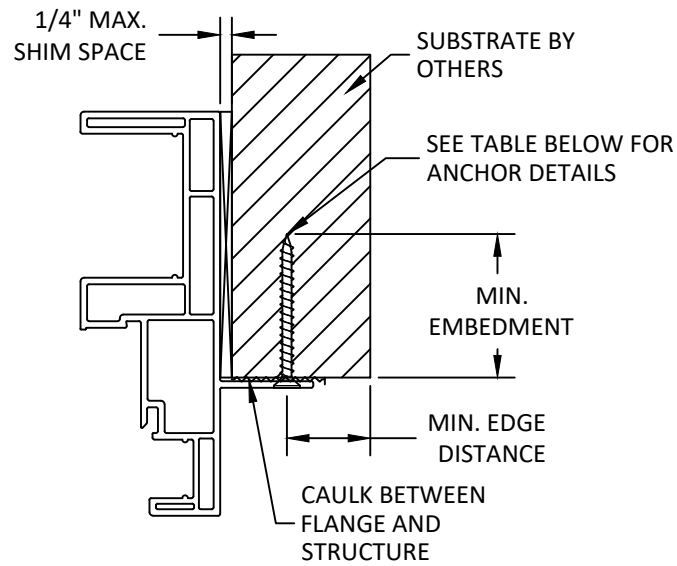
c:\users\harley\desktop\building drops, inc\building drops, inc\common\projects\2026 code change projects\pocahontas aluminum company\cc-26-0462 - 2026 code change\dwgs\pac003-a.dwg 7/30/2026 12:03 PM



**A**  
**5** VERTICAL SECTION  
HEAD



**B**  
**5** VERTICAL SECTION  
SILL



**C**  
**5** VERTICAL SECTION  
JAMB

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHORS IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ON SHEET 2.
- 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.
- 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.
  - 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 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:<br>MIN. S.G. = 0.55                                                                       | #8 (MIN GR.5)<br>TRUSS HEAD<br>WOOD SCREW                             | 1.50"                                         | 0.500"             |
|                 | STEEL MIN. 18 GA.<br>(MIN. 48 MILS. &<br>Fy = 36 KSI)<br>ALUM. MIN. 1/8" THK.<br>(MIN. 6063-T5) | #8 (MIN GR.5)<br>TRUSS HEAD<br>SELF-TAPPING OR<br>SELF-DRILLING SCREW | 3 THREADS MIN.<br>PENETRATION BEYOND<br>METAL | 0.500"             |



POCAHONTAS ALUMINUM COMPANY, INC.  
2100 INDUSTRIAL DRIVE  
POCAHONTAS, AR 72455  
PH: (870) 892-3689 Ext 102

TITLE:  
**PD10 PATIO DOOR  
(NON-HVHZ) (NON-IMPACT)**

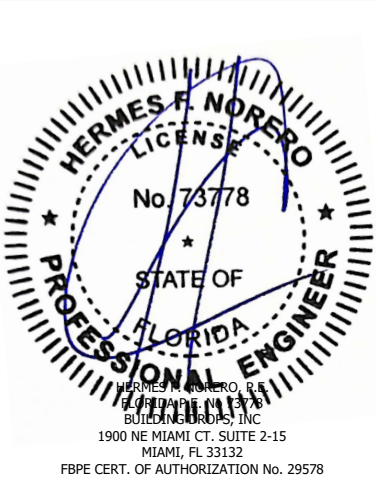
INSTALLATION NOTES &  
ANCHOR SCHEDULE

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

**B.D.**  
BUILDING DROPS

| REMARKS          | BY | DATE |
|------------------|----|------|
| 2026 CODE CHANGE | HJ | 6/26 |
|                  |    |      |
|                  |    |      |
|                  |    |      |

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 #:  
**FL29267**

DATE: **04.30.2026**

DWG. BY: **HJ**    CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **PAC003**

SHEET:  
**5**

REV.  
**A**

OF 5