

PLY GEM WINDOWS - SERIES 4780 SLIDING POCKET DOOR

(NON-HVHZ)(NON-IMPACT) - AS TESTED

INSTALLATION NOTES:

1. TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH HEAD, SILL, & JAMB ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED. ONE (1) INSTALLATION ANCHOR PER HOOK STRIP LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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.
4. FOR INSTALLATION THROUGH 2X WOOD FRAME USE TWO (2) #6 WOOD SCREWS AT FRAME HEAD, SILL, & JAMB, AND ONE (1) #10 WOOD SCREW AT HOOK STRIP OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING. DISSIMILAR MATERIALS MUST BE SEPARATED OR COATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FBC.
7. 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.
8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
9. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

9.1. FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1711.1.1 (e.g., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

9.2. CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1711.1.2 (e.g., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC) EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

AAMA/WDMA/CSA 101/I.S.2/A440-22
2. ADEQUACY OF THE EXISTING STRUCTURAL 2X 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. 2X BUCKS 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. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.

WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAILS.
7. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL

P: POCKET

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| 3                 | 3-PANEL DETAILS              |
| 4                 | 2-PANEL & 1-PANEL DETAILS    |

| OVERALL SIZE                                        | CONFIGURATION | DP RATING  | MISSILE IMPACT RATING |
|-----------------------------------------------------|---------------|------------|-----------------------|
| 141" X 95"<br>(MAX. PANEL SIZE 48 1/2" X 93 15/16") | XXXP          | +/- 40 PSF | NOT RATED             |
| 106" X 95"<br>(MAX. PANEL SIZE 35 5/8" X 93 15/16") | XXXP          | +/- 50 PSF | NOT RATED             |

433 N. MAIN ST., PO BOX 559,  
ROCKY MOUNT, VA 24151  
PH: 540-484-6348 FX: 540-484-6683

SERIES 4780  
SLIDING POCKET DOOR  
(NON-HVHZ)(NON-IMPACT)  
GENERAL AND  
INSTALLATION NOTES

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     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| 5TH EDITION FBC UPDATE                                                                                                                                                                                                                                                                                      | SM  | 04.29.15 |
| UPDATED FORMAT AND LOGO                                                                                                                                                                                                                                                                                     | LMH | 10.23.19 |
| 7TH FBC CODE CHANGE                                                                                                                                                                                                                                                                                         | NUS | 8.28.20  |
| CURRENT FBC                                                                                                                                                                                                                                                                                                 | LMH | 08.12.26 |
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AS  
TESTED

FL #:  
FL14038

DATE: 08.17.10

DWG. BY: MSS  
CHK. BY: HFN

SCALE: NTS

DWG. #: PGW028

SHEET:

1

OF 4

SERIES 4780  
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ELEVATIONS  
& ANCHOR LAYOUTS

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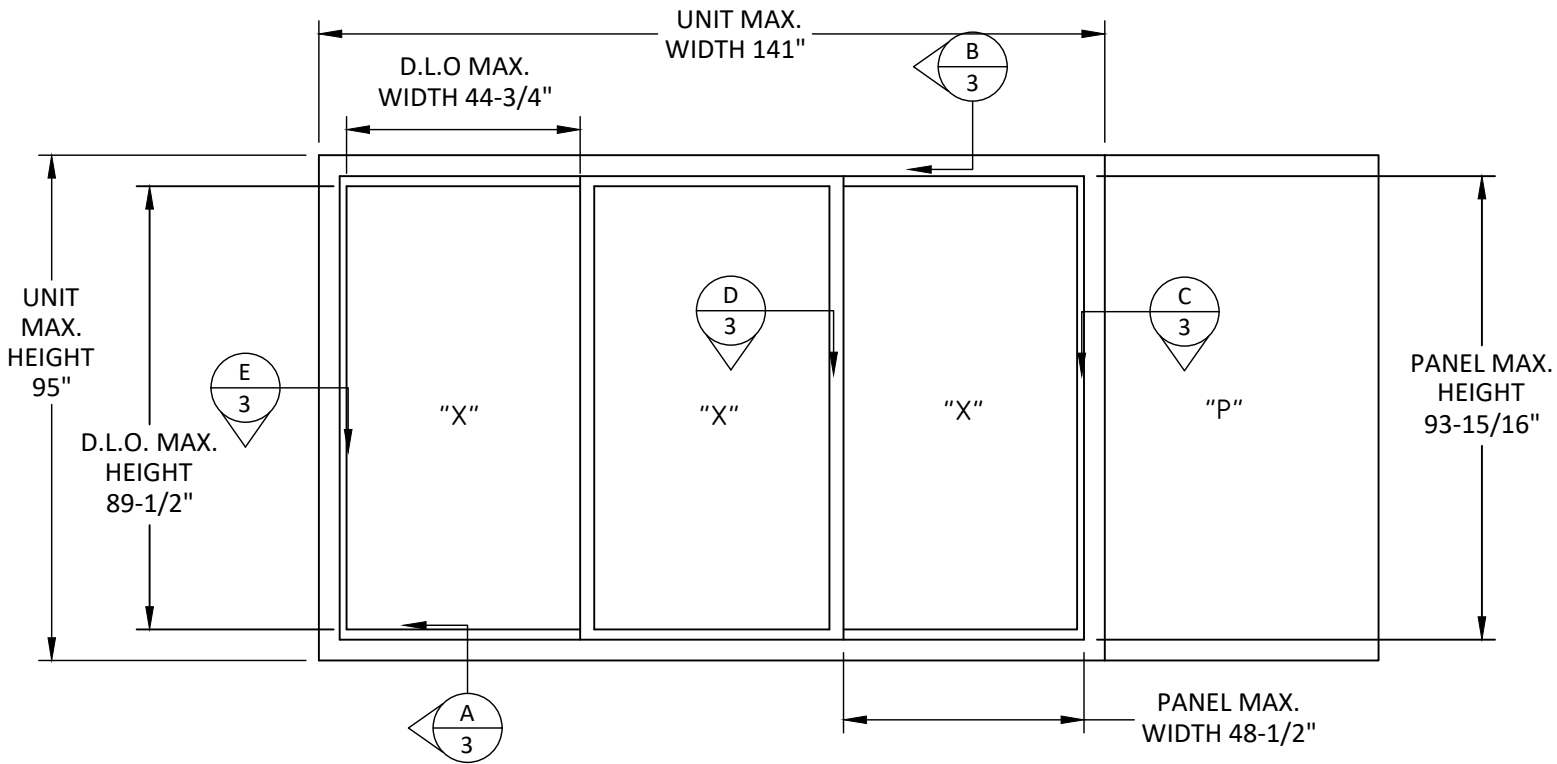
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DWG. #: **PGW028**

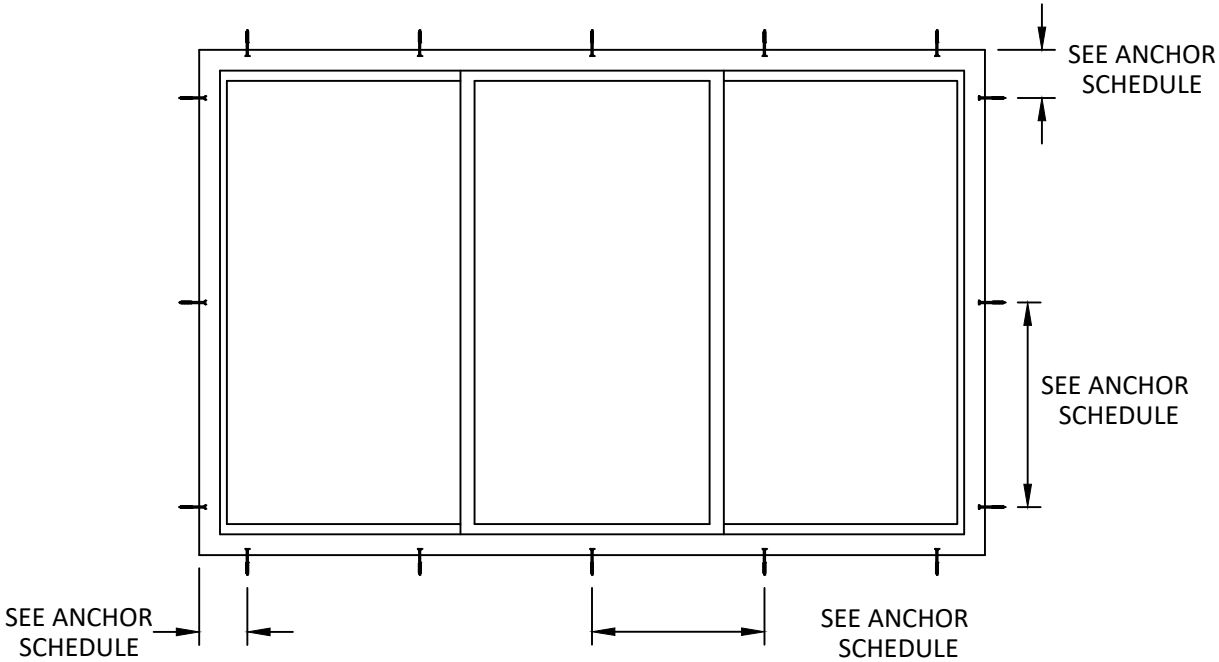
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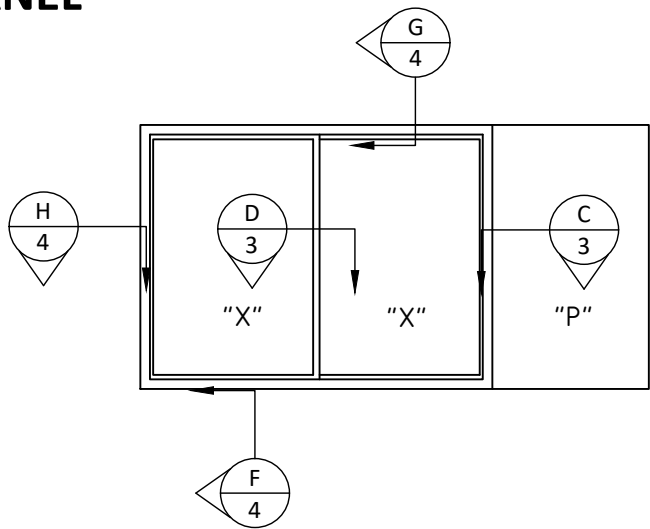
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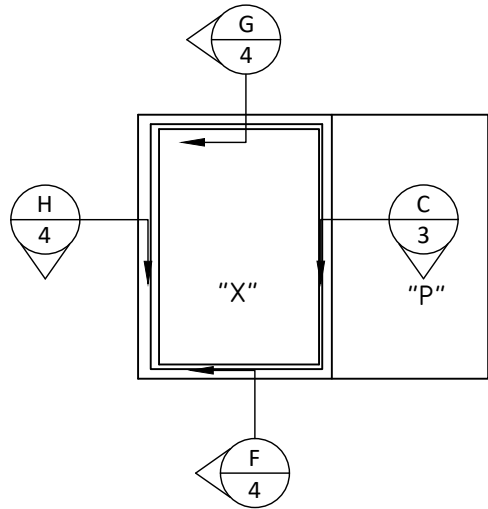
**ELEVATION  
3 - PANEL**



**ANCHOR LAYOUT  
3 - PANEL**



**ELEVATION  
2 - PANEL**



**ELEVATION  
1 - PANEL**

| ANCHOR TYPE       | DESIGN PRESSURE | QTY PER LOCATION (FRAME/HOOK STRIP) | SUBSTRATE | EMBEDMENT (IN.) | EDGE DISTANCE (IN.) | HEAD/SILL O.C. DISTANCE (#6) (IN.) | JAMB O.C. DISTANCE (#6) (IN.) | JAMB HOOK STRIP O.C. DISTANCE (#10) (IN.) | CORNER DISTANCE (IN.) |
|-------------------|-----------------|-------------------------------------|-----------|-----------------|---------------------|------------------------------------|-------------------------------|-------------------------------------------|-----------------------|
| #6/#10 WOOD SCREW | +/- 40 PSF      | 2 / 1                               | WOOD      | 1.5             | 0.75                | 18                                 | 18                            | 12                                        | 4                     |
| #6/#10 WOOD SCREW | +/- 50 PSF      | 2 / 1                               | WOOD      | 1.5             | 0.75                | 18                                 | 18                            | 12                                        | 4                     |

TITLE: SERIES 4780  
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3 - PANEL DETAILS

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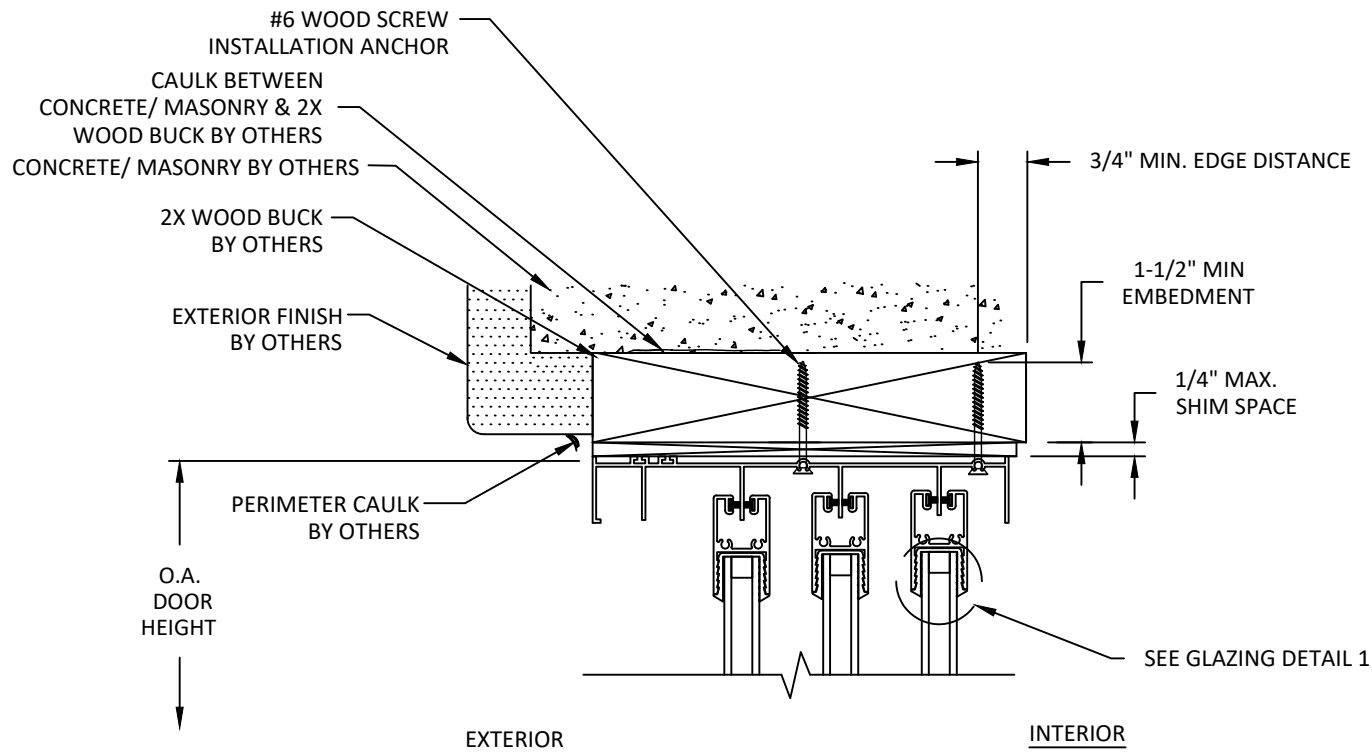
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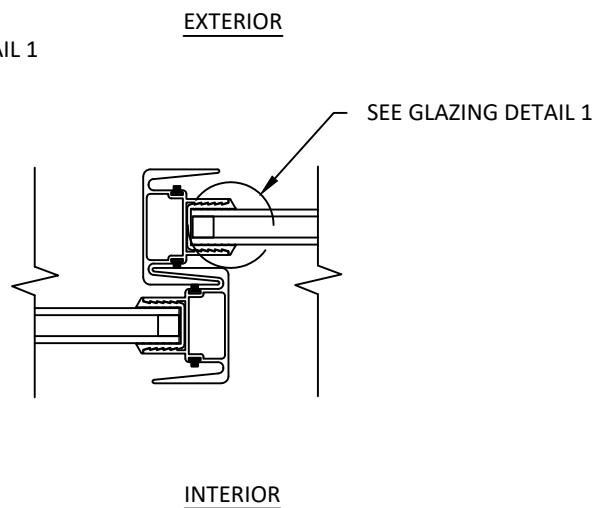
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**3**

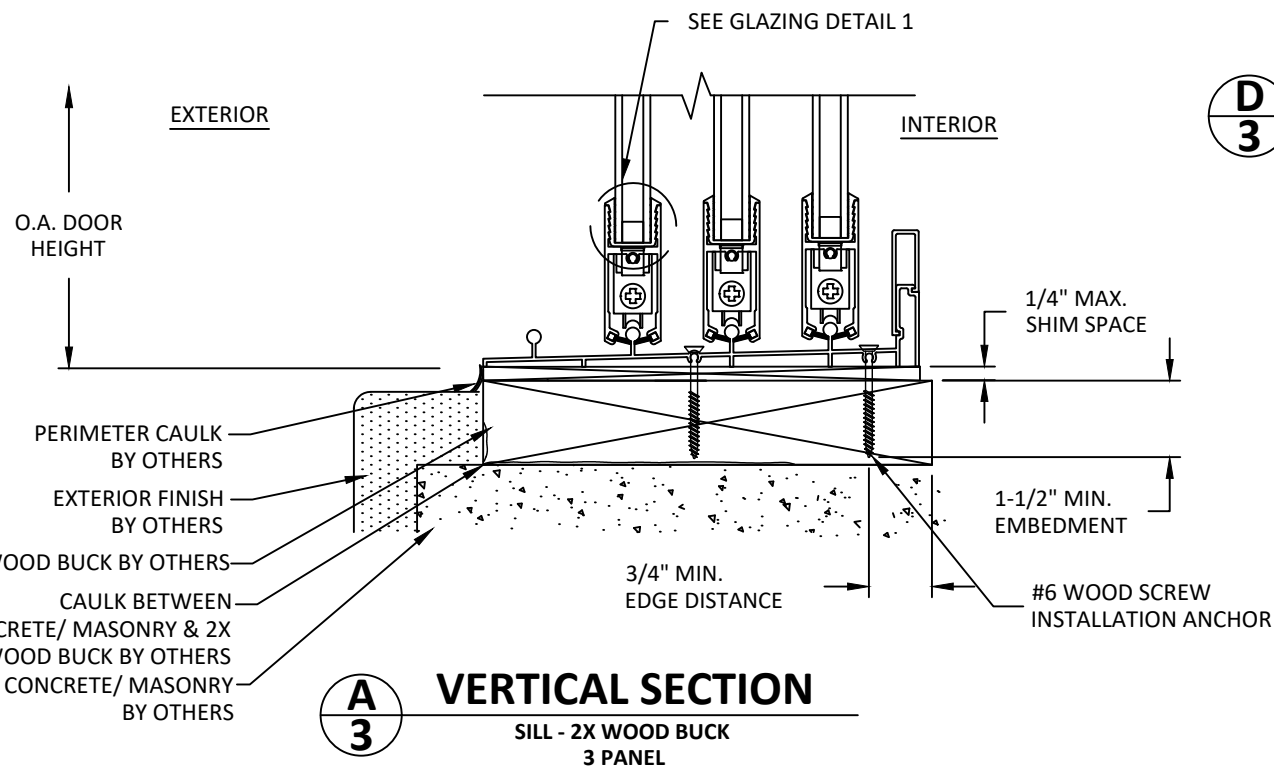
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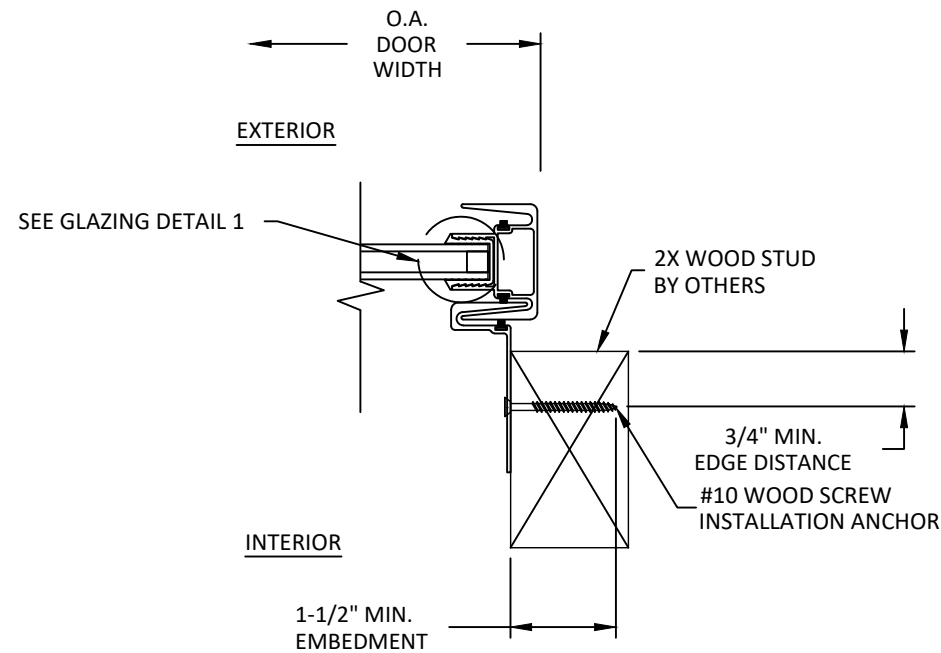
**B**  
**3** **VERTICAL SECTION**  
HEAD - 2X WOOD BUCK  
3 PANEL



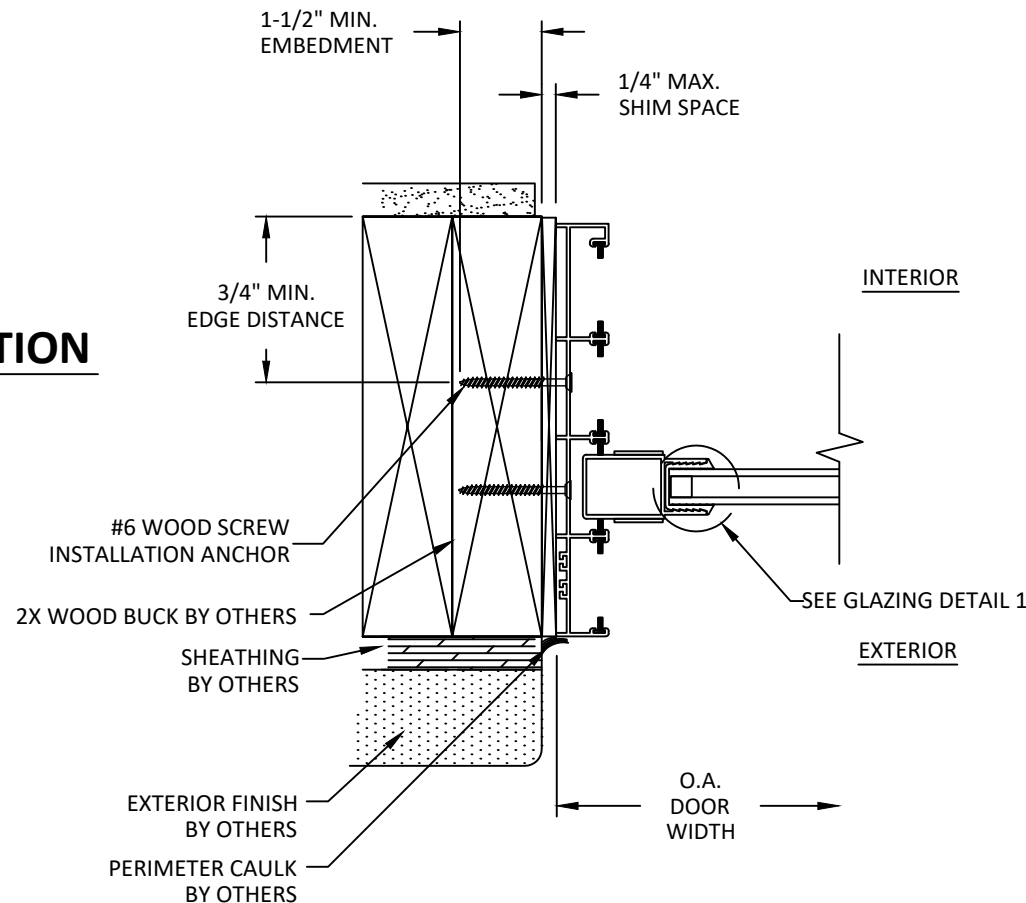
**D**  
**3** **HORIZONTAL SECTION**  
INTERLOCK



**A**  
**3** **VERTICAL SECTION**  
SILL - 2X WOOD BUCK  
3 PANEL



**C**  
**3** **HORIZONTAL SECTION**  
JAMB - 2X WOOD FRAME  
HOOK STRIP



**E**  
**3** **HORIZONTAL SECTION**  
JAMB - 2X WOOD FRAME  
3 PANEL

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(NON-HVHZ)(NON-IMPACT)  
2 - PANEL DETAILS  
& GLAZING DETAIL

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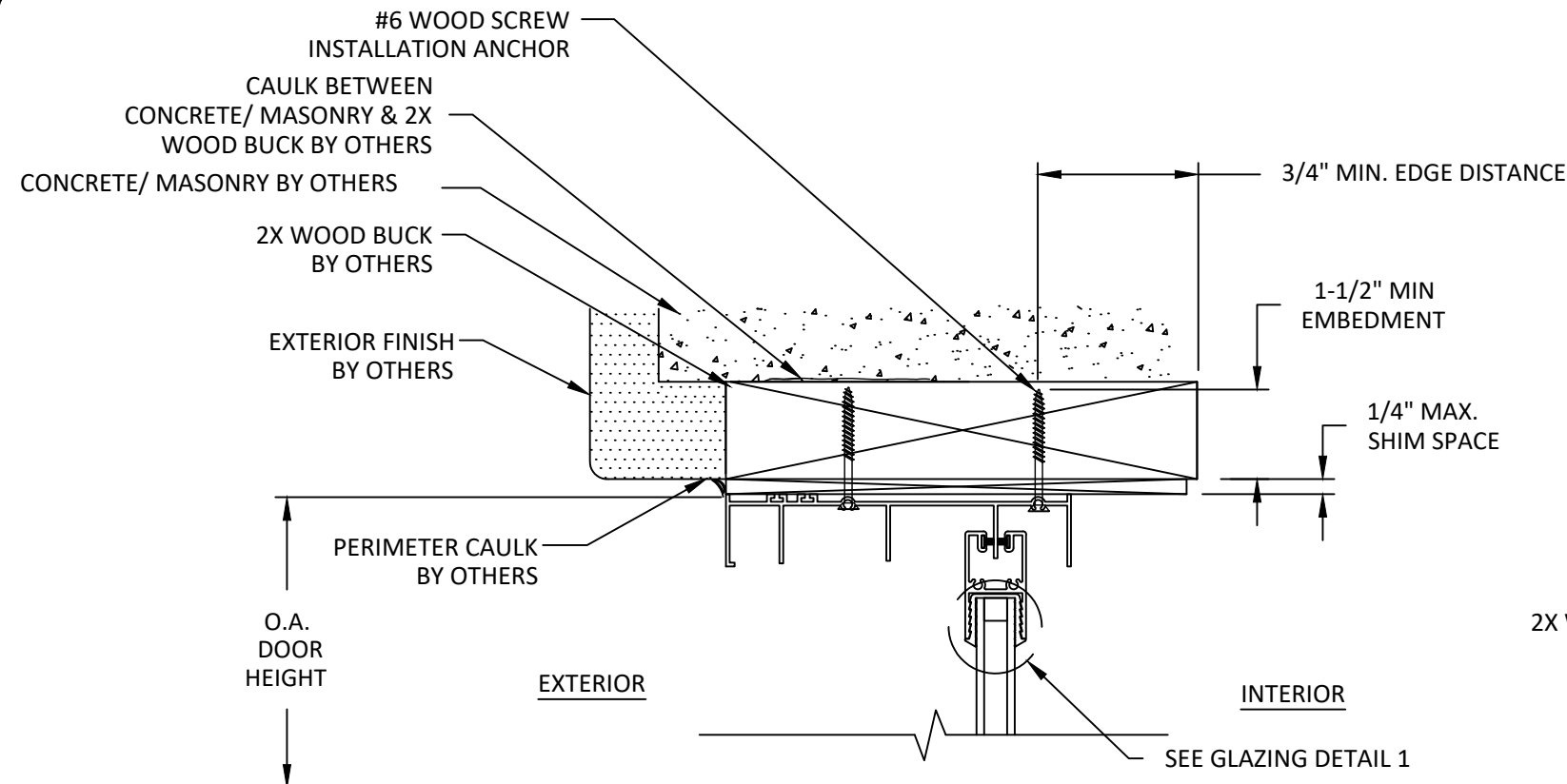
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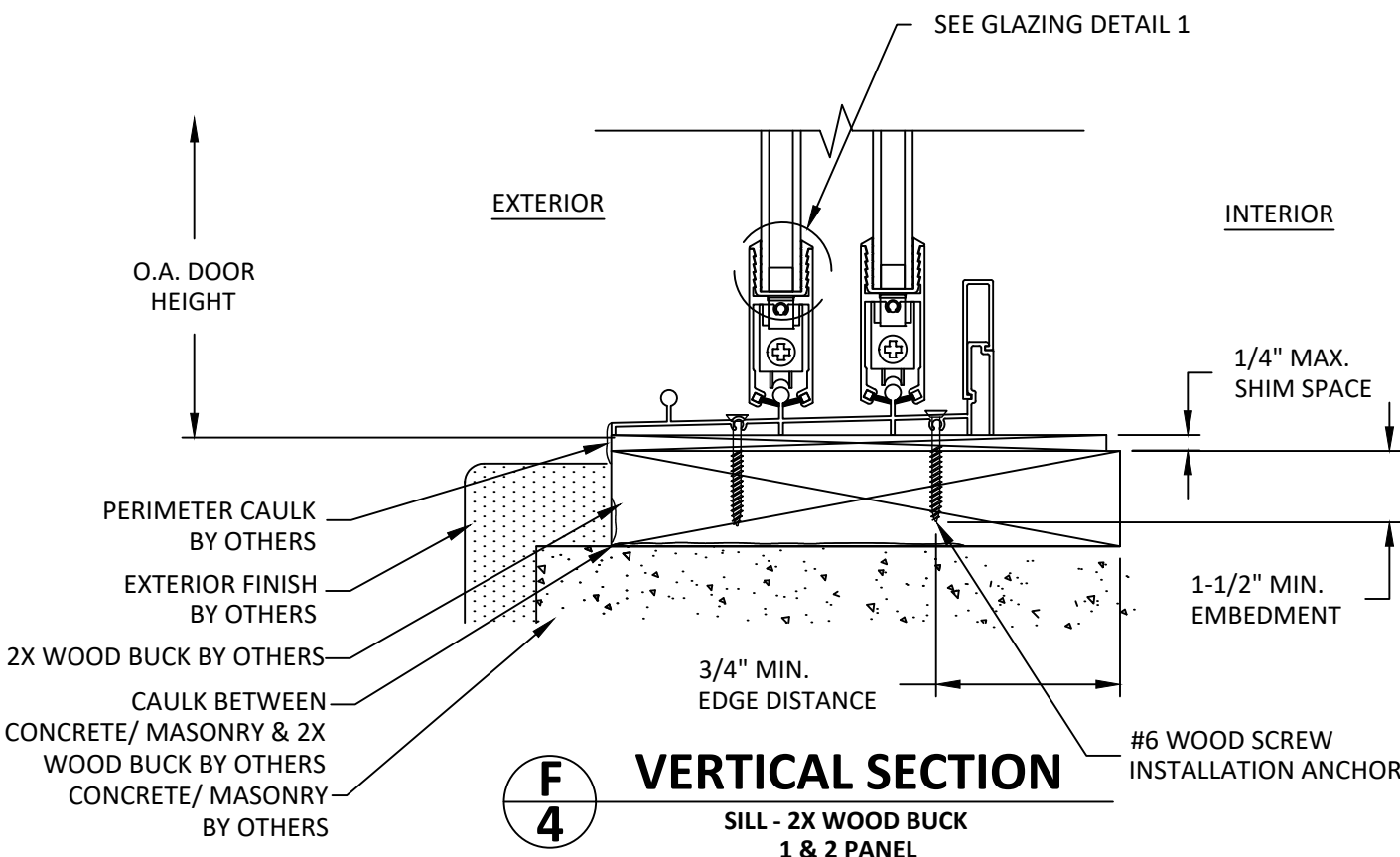
SHEET:

**4**

OF 4

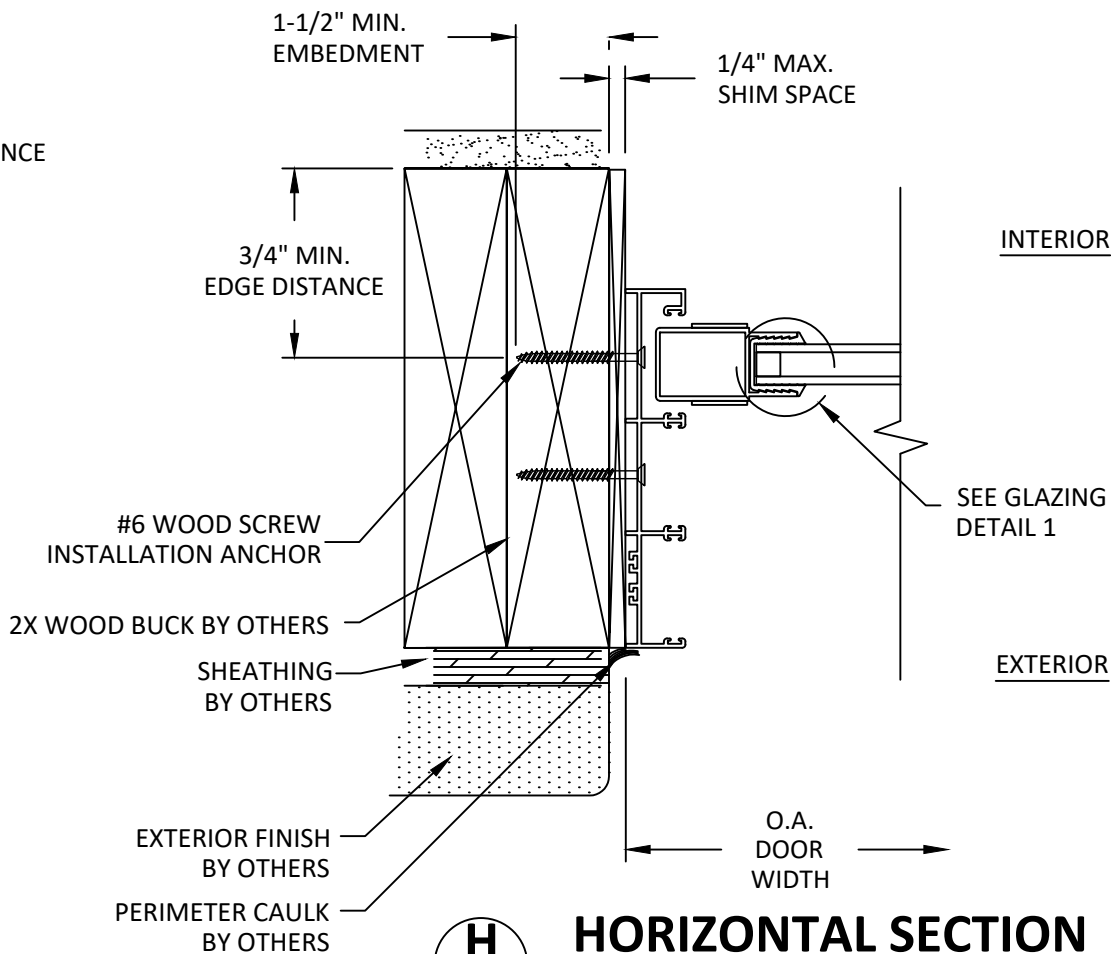


**G  
4** **VERTICAL SECTION**  
HEAD - 2X WOOD BUCK  
1 & 2 PANEL

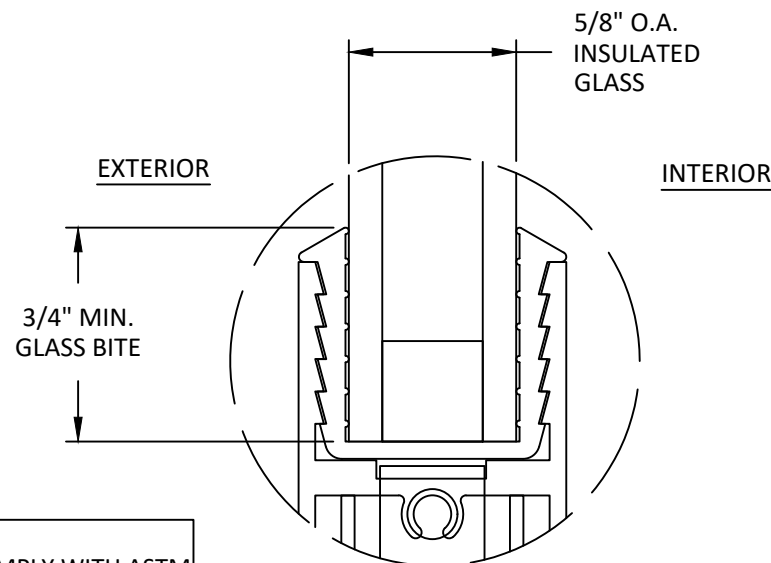


**F  
4** **VERTICAL SECTION**  
SILL - 2X WOOD BUCK  
1 & 2 PANEL

- GLAZING NOTES:
1. GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E1300 GLASS CHART REQUIREMENTS.
  2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
  3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
  4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.



**H  
4** **HORIZONTAL SECTION**  
JAMB - 2X WOOD FRAME  
1 & 2 PANEL



**GLAZING DETAIL 1**