

# REILLY ARCHITECTURAL

## RWD45 WOOD OUTSWING DOOR

### (WZ3)(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/A440-17
  - ASTM E1886-19
  - ASTM E1996-20
- 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.
- 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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCTS IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
- DOOR MATERIAL: MAHOGANY
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 11 FOR GLAZING DETAILS.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEETS 9 & 10.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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 1/2 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.

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| DESIGN PRESSURE RATING (PSF) |             |              |                 |                              |
|------------------------------|-------------|--------------|-----------------|------------------------------|
| CONFIGURATION                | FRAME SIZE  |              | DESIGN PRESSURE | MISSILE IMPACT RATING        |
|                              | WIDTH (IN.) | HEIGHT (IN.) |                 |                              |
| HARDWARE A / GL-1            | 84" X 120"  |              | +/- 70 PSF      | LARGE & SMALL MISSILE IMPACT |
| HARDWARE A / GL-2, 3 & 4     |             |              |                 |                              |
| HARDWARE B / GL-1            |             |              | +/- 65 PSF      |                              |
| HARDWARE B / GL-2, 3 & 4     |             |              |                 |                              |

NOTE: ALL CONFIGURATIONS RATED FOR WATER INFILTRATION. WHEN INSTALLED AT A LOCATION PROTECTED BY AN OVERHANG SUCH THAT: OVERHANG RATIO (OH) = OH LENGTH ÷ OH HEIGHT IS ≥ 1.0, THEN WATER INFILTRATION REQUIREMENT DOES NOT NEED TO BE MET.

**REILLY**  
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RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
GENERAL NOTES &  
INSTALLATION NOTES

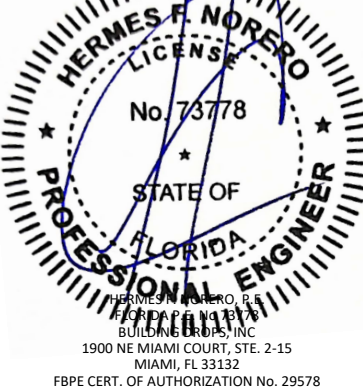
PREPARED BY:  
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| 2026 FBC UPDATE | LS | 06/26 |
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Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2026.08.16 17:21:00 -03'00'



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| DATE: 10.16.2024 |  |                 |  |
| DWG. BY:<br>SH   |  | CHK. BY:<br>HFN |  |
| SCALE: NTS       |  |                 |  |
| DWG. #: RWD009   |  |                 |  |
| SHEET:           |  | REV.            |  |
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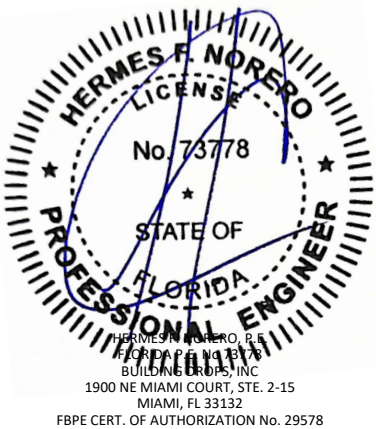
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FL46584

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SH

CHK. BY:  
HFN

SCALE: NTS

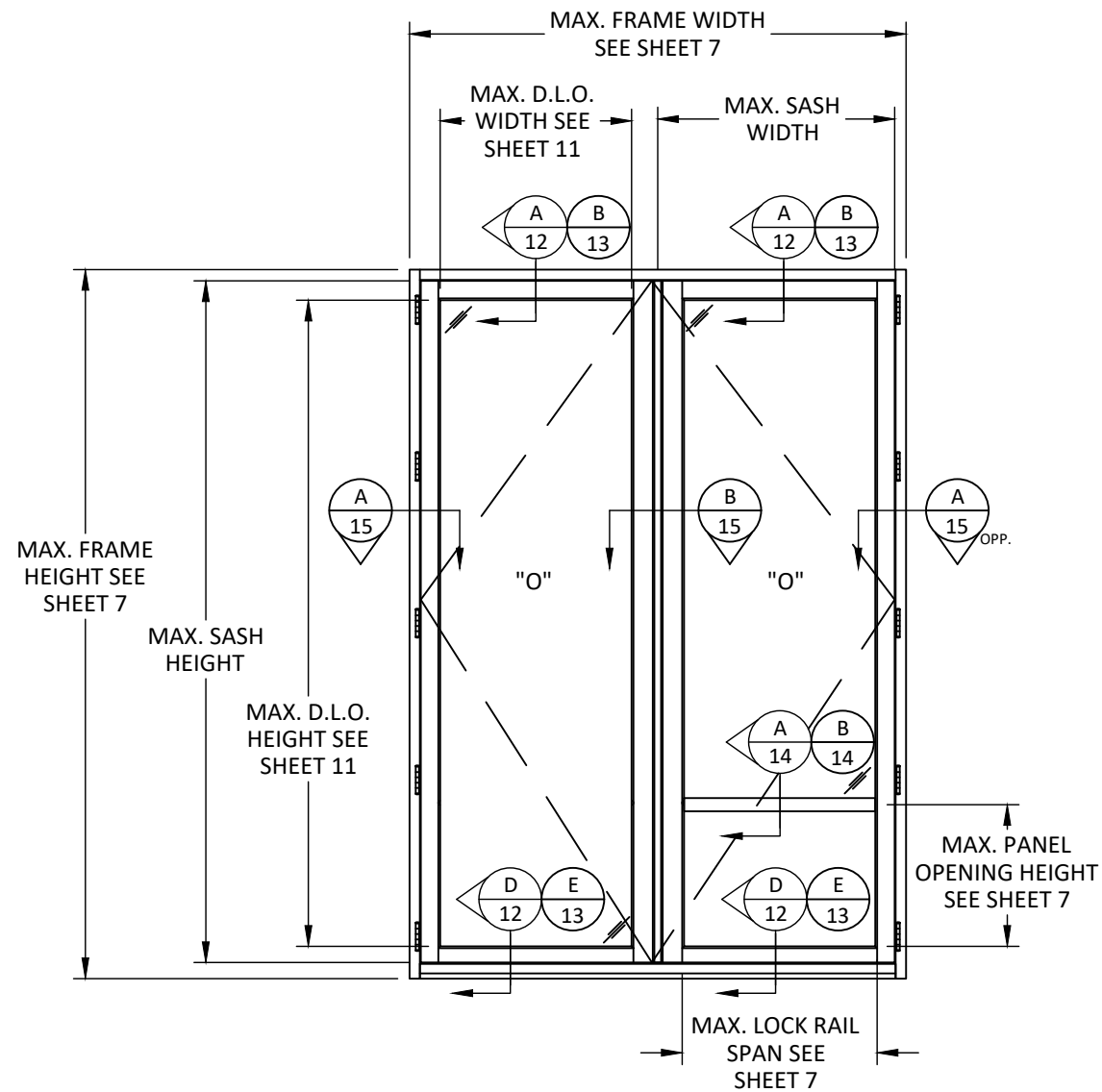
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SHEET:

REV.

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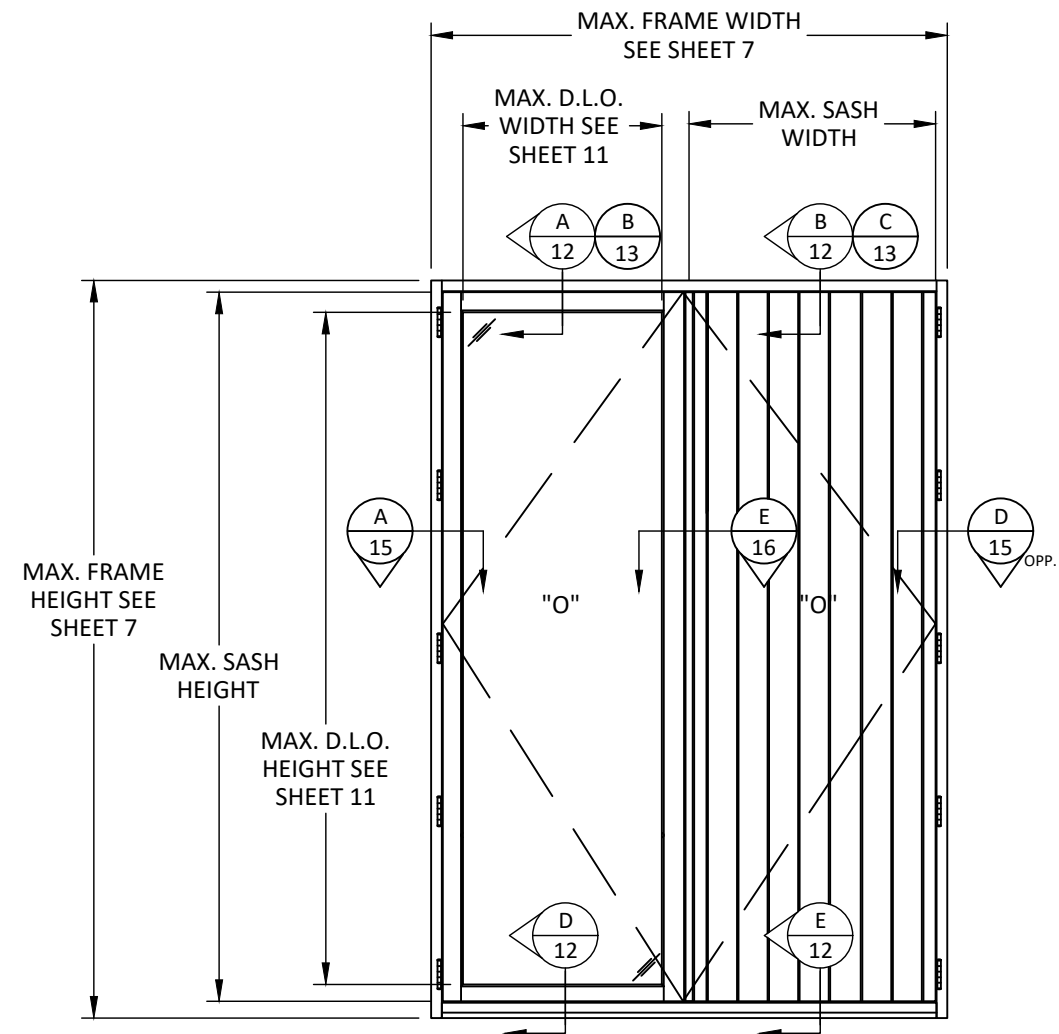


DOUBLE GLAZED DOOR W/ KICK PANEL

DOUBLE DOOR SIZE NOTES:  
D.L.O. WIDTH = FRAME WIDTH/2 - 9.625"  
D.L.O. HEIGHT = FRAME HEIGHT - 10.656"

SASH WIDTH = FRAME WIDTH/2 - 0.812"  
SASH HEIGHT = FRAME HEIGHT - 3.094"

NOTE: SEE SHEET 8 FOR QUALIFIED  
OPTIONS FOR ALL CONFIGURATIONS.



NOTE: SASHES CAN BE MIRRORED.

DOUBLE DOOR W/ GLAZED AND FLAT DOOR

DOUBLE DOOR SIZE NOTES:  
D.L.O. WIDTH = FRAME WIDTH/2 - 9.625"  
D.L.O. HEIGHT = FRAME HEIGHT - 10.656"

SASH WIDTH = FRAME WIDTH/2 - 0.812"  
SASH HEIGHT = FRAME HEIGHT - 3.094"

DESIGNATIONS "X" AND "O"  
STAND FOR THE FOLLOWING:  
X: FIXED SASH  
O: OPERABLE SASH

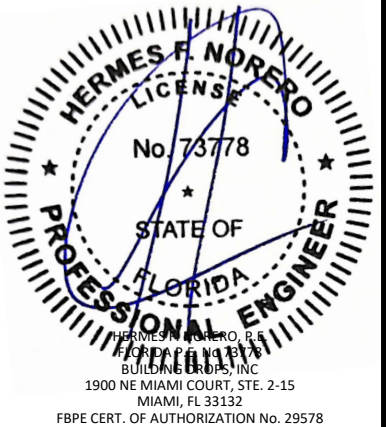
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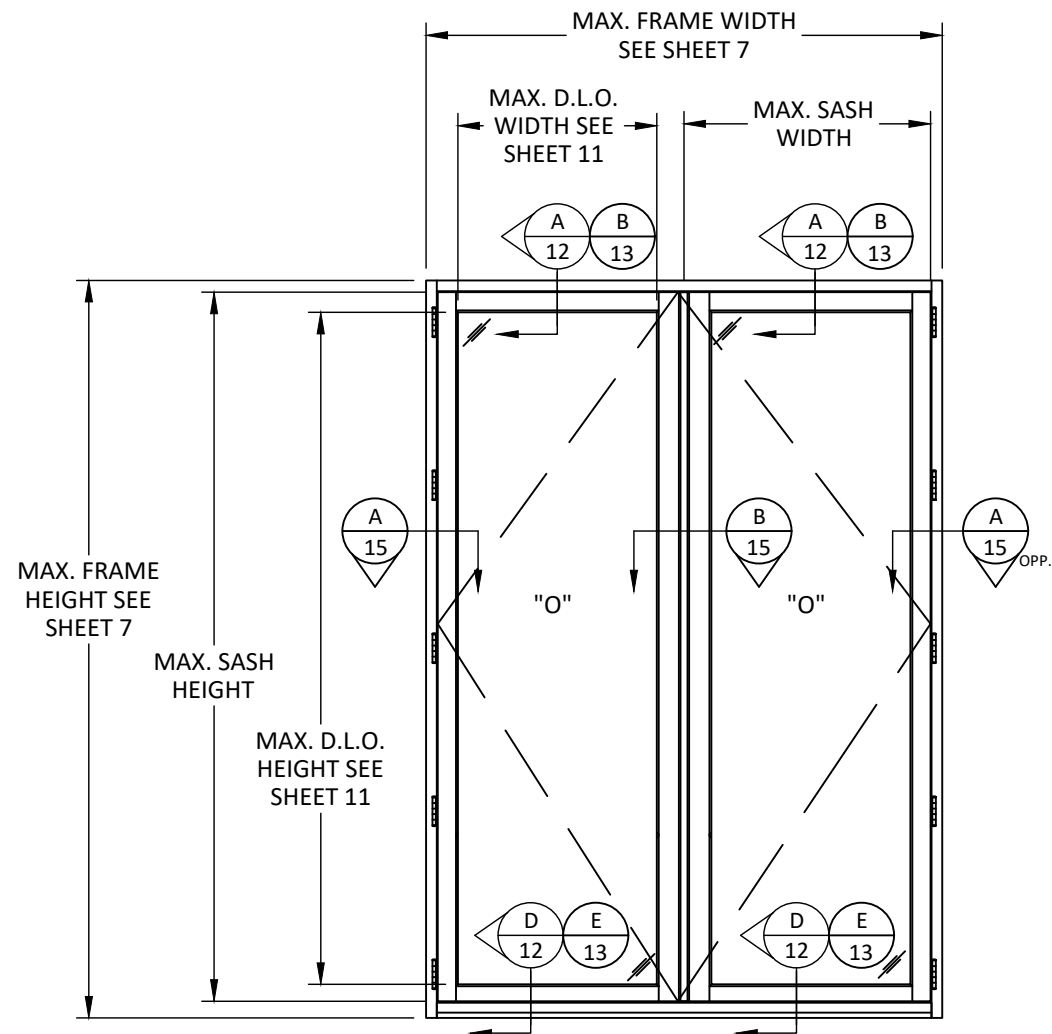
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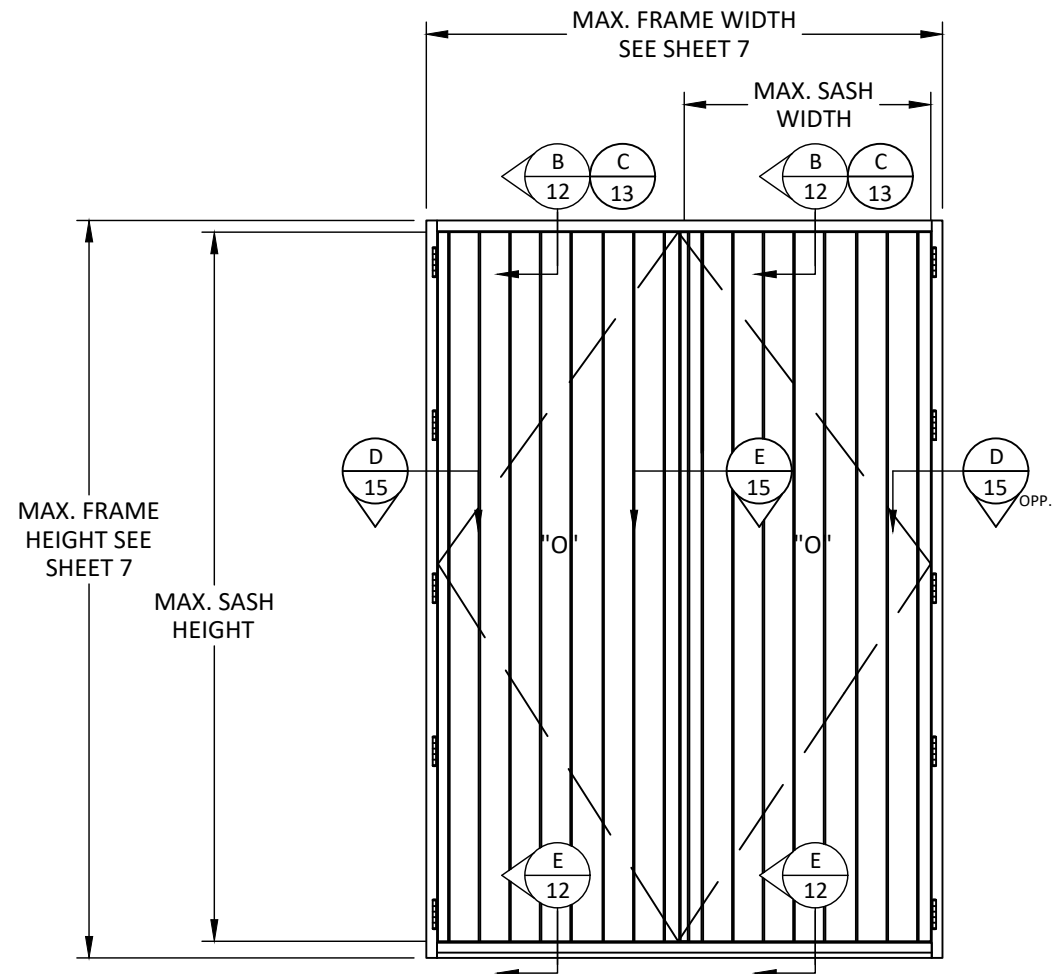


ELEVATION  
DOUBLE GLAZED DOOR

NOTE: SEE SHEET 8 FOR QUALIFIED  
OPTIONS FOR ALL CONFIGURATIONS.

DOUBLE DOOR SIZE NOTES:  
D.L.O. WIDTH = FRAME WIDTH/2 - 9.625"  
D.L.O. HEIGHT = FRAME HEIGHT - 10.656"

SASH WIDTH = FRAME WIDTH/2 - 0.812"  
SASH HEIGHT = FRAME HEIGHT - 3.094"



ELEVATION  
DOUBLE FLAT DOOR

DESIGNATIONS "X" AND "O"  
STAND FOR THE FOLLOWING:  
X: FIXED SASH  
O: OPERABLE SASH

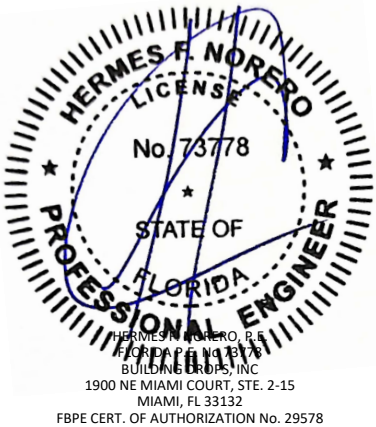
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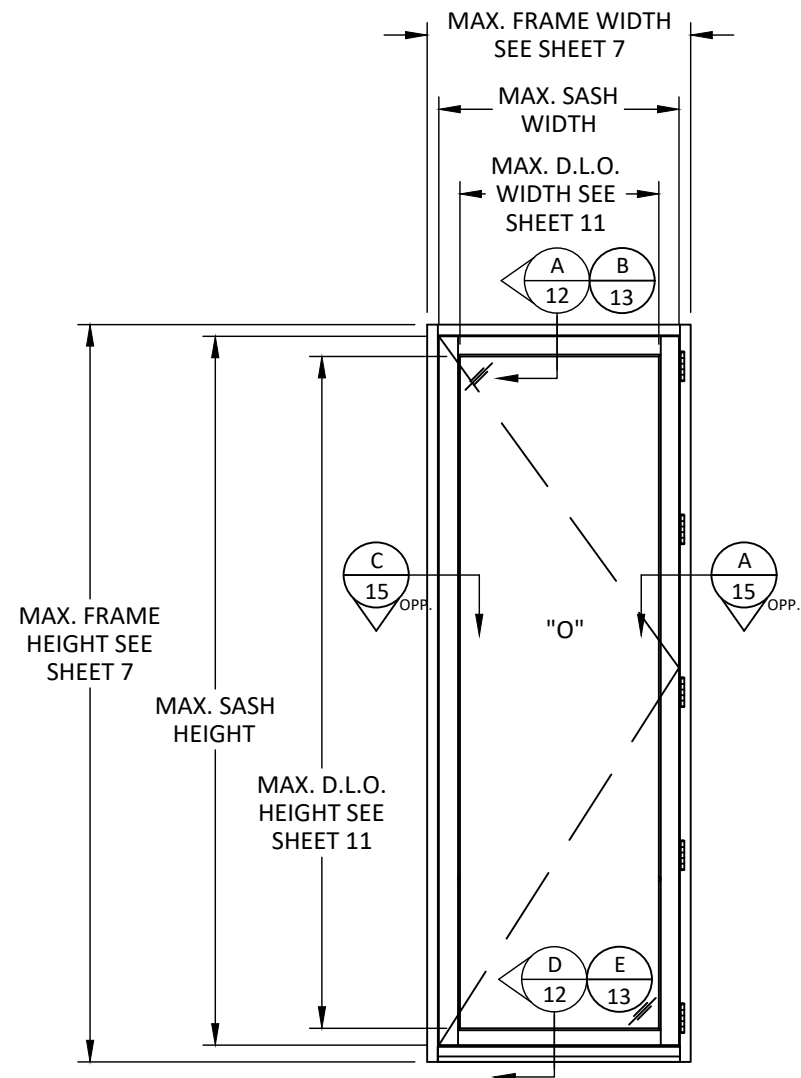
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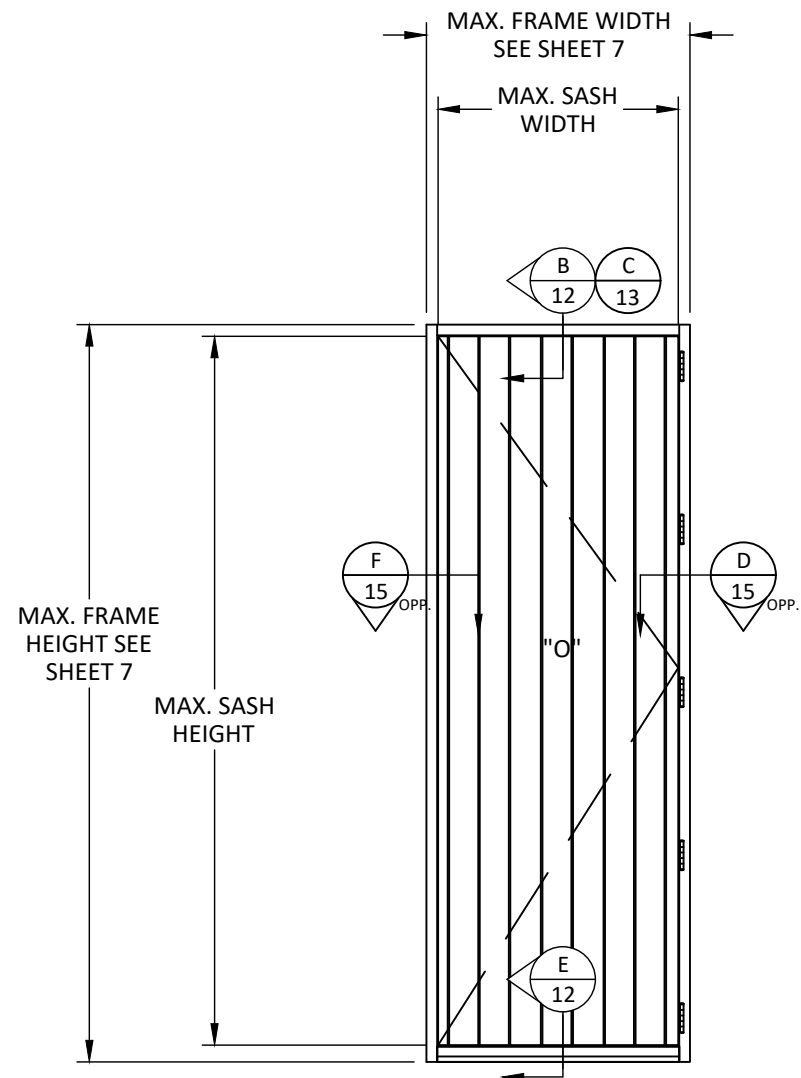
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ELEVATION  
SINGLE GLAZED DOOR

NOTE: SEE SHEET 8 FOR QUALIFIED  
OPTIONS FOR ALL CONFIGURATIONS.



ELEVATION  
SINGLE FLAT DOOR

SINGLE DOOR SIZE NOTES:  
D.L.O. WIDTH = FRAME WIDTH - 10.376"  
D.L.O. HEIGHT = FRAME HEIGHT - 10.656"

SASH WIDTH = FRAME WIDTH - 2.813"  
SASH HEIGHT = FRAME HEIGHT - 3.094"

DESIGNATIONS "X" AND "O"  
STAND FOR THE FOLLOWING:  
X: FIXED SASH  
O: OPERABLE SASH

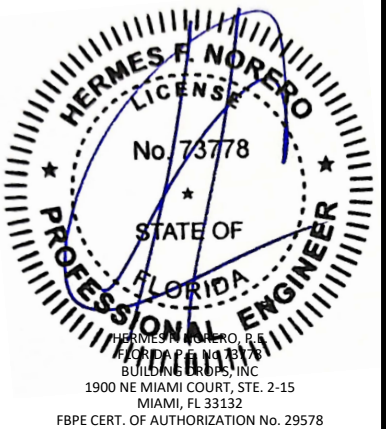
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DATE: 10.16.2024

SCALE: NTS

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|---|---|

OF 19



NOTE: SEE SHEET 8 FOR QUALIFIED  
OPTIONS FOR ALL CONFIGURATIONS.

SASH WIDTH = FRAME WIDTH/2 - 0.812"  
SASH HEIGHT = FRAME HEIGHT - 3.094"



DESIGNATIONS "X" AND "O"  
STAND FOR THE FOLLOWING:  
X: FIXED SASH  
O: OPERABLE SASH

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RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)

ELEVATIONS

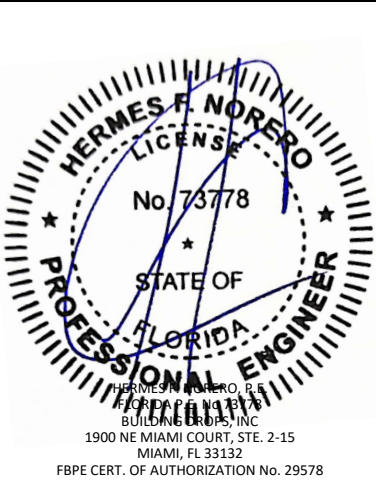
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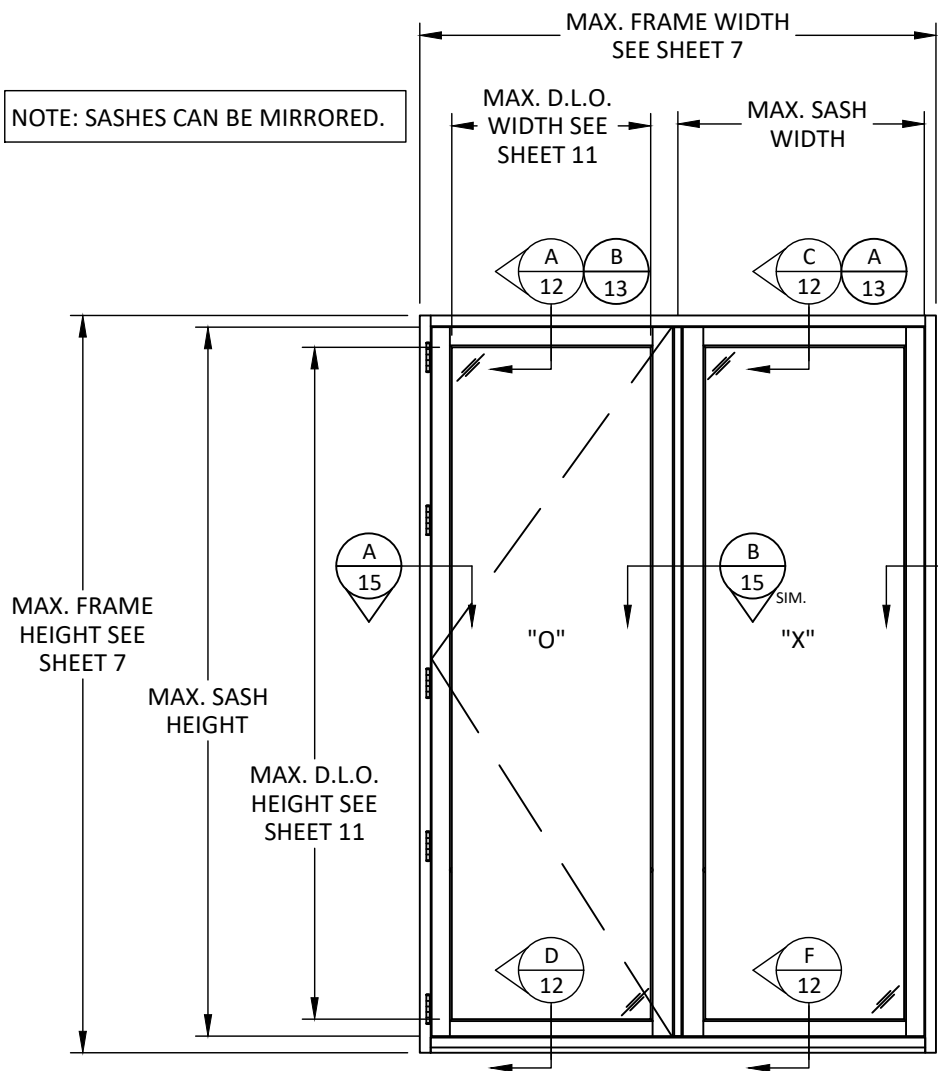
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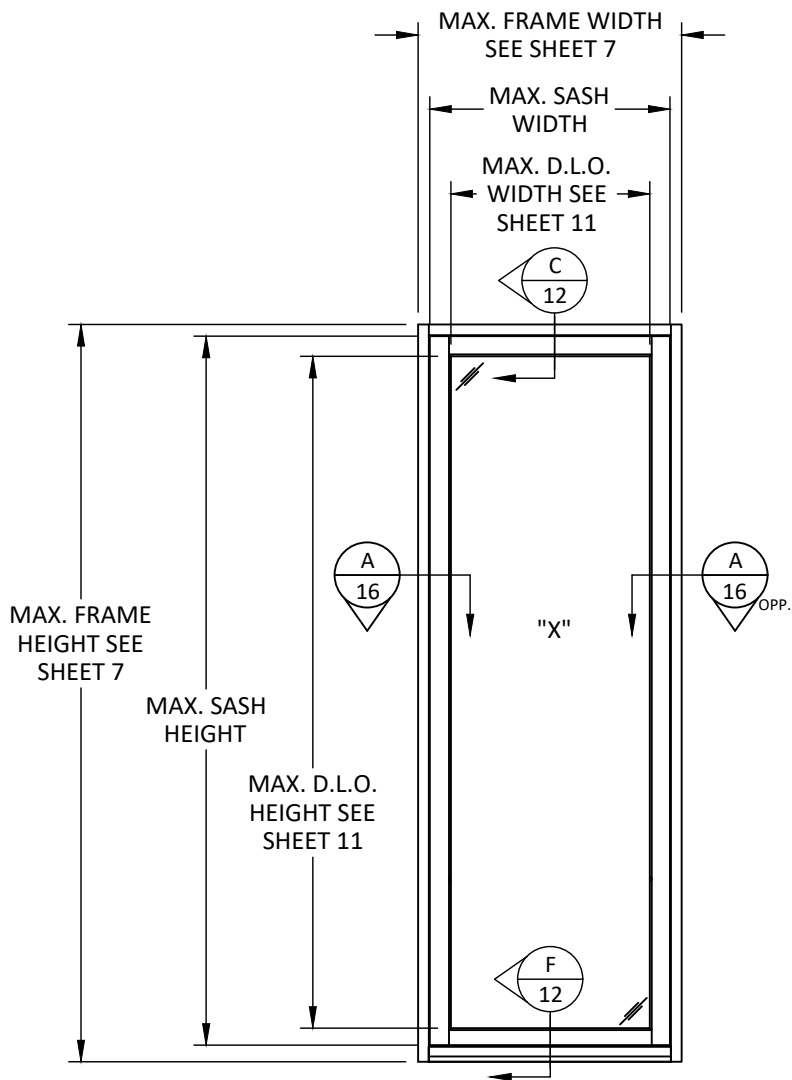
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| DATE:    | 10.16.2024 |
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| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | RWD009     |
| SHEET:   | 6          |
| REV.     | A          |



ELEVATION  
OPERABLE TO FIXED DOOR

NOTE: OX ASTRAGAL DETAIL IS SIMILAR TO B/15, WITHOUT THE USE OF THE LOCKING HARDWARE ON THE FIXED DOOR.

DOUBLE DOOR SIZE NOTES:  
D.L.O. WIDTH = FRAME WIDTH/2 - 9.625"  
D.L.O. HEIGHT = FRAME HEIGHT - 10.656"  
  
SASH WIDTH = FRAME WIDTH/2 - 0.812"  
SASH HEIGHT = FRAME HEIGHT - 3.094"

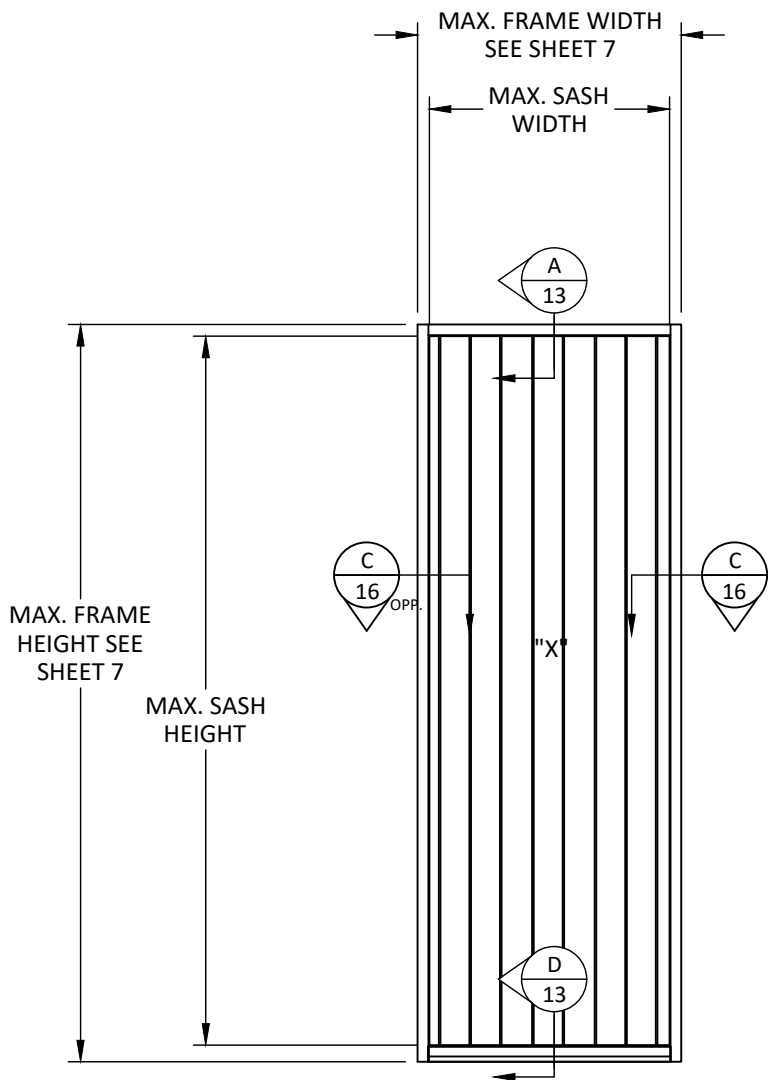


ELEVATION  
FIXED SINGLE GLAZED DOOR

NOTE: SEE SHEET 8 FOR QUALIFIED OPTIONS FOR ALL CONFIGURATIONS.

SINGLE DOOR SIZE NOTES:  
D.L.O. WIDTH = FRAME WIDTH - 9.625"  
D.L.O. HEIGHT = FRAME HEIGHT - 10.656"  
  
SASH WIDTH = FRAME WIDTH - 2.813"  
SASH HEIGHT = FRAME HEIGHT - 3.094"

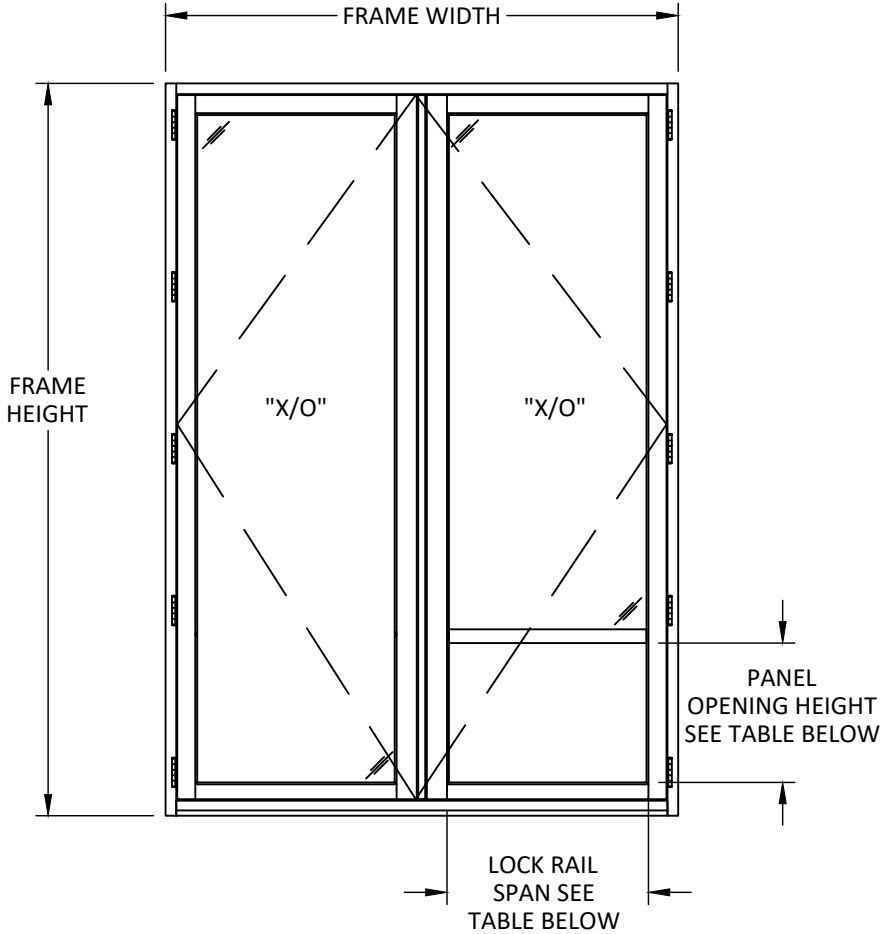
DESIGNATIONS "X" AND "O"  
STAND FOR THE FOLLOWING:  
X: FIXED SASH  
O: OPERABLE SASH



ELEVATION  
FIXED SINGLE FLAT DOOR

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| LOCKING HARDWARE SCHEDULE |                                        |
|---------------------------|----------------------------------------|
| OPTION                    | DESCRIPTION                            |
| A                         | HOPPE MULTIPOINT LOCK WITH SHOOT BOLTS |
| B                         | MORTISE LOCK WITH SURFACE BOLTS        |



| KICK PANEL DESIGN PRESSURE TABLE (PSF) |                      |          |          |
|----------------------------------------|----------------------|----------|----------|
| OPENING HEIGHT (IN.)                   | LOCK RAIL SPAN (IN.) | POS. (+) | NEG. (-) |
| 33.06                                  | 24.00                | 70.0     | -70.0    |
| 29.06                                  | 27.00                | 70.0     | -70.0    |
| 26.06                                  | 30.00                | 70.0     | -70.0    |
| 24.06                                  | 33.00                | 70.0     | -70.0    |
| 21.06                                  | 36.00                | 56.7     | -56.7    |
| 20.06                                  | 39.00                | 45.3     | -45.3    |

| DOUBLE DOOR DESIGN PRESSURE TABLE (PSF) |                    |            |          |            |          |
|-----------------------------------------|--------------------|------------|----------|------------|----------|
| FRAME DIMENSIONS                        |                    | HARDWARE A |          | HARDWARE B |          |
| FRAME WIDTH (IN.)                       | FRAME HEIGHT (IN.) | POS. (+)   | NEG. (-) | POS. (+)   | NEG. (-) |
| 48                                      | 80-89              | 70.0       | -70.0    | 65.0       | -65.0    |
| 54                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 60                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 66                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 72                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 78                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 84                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 90                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 96                                      | 90                 | 70.0       | -70.0    | 65.0       | -65.0    |
| 48                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 54                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 60                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 66                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 72                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 78                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 84                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 90                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 96                                      |                    | 70.0       | -70.0    | -          | -        |
| 48                                      | 96                 | 70.0       | -70.0    | 65.0       | -65.0    |
| 54                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 60                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 66                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 72                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 78                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 84                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 90                                      |                    | 70.0       | -70.0    | -          | -        |
| 96                                      |                    | 70.0       | -70.0    | -          | -        |
| 48                                      | 102                | 70.0       | -70.0    | 65.0       | -65.0    |
| 54                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 60                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 66                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 72                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 78                                      |                    | 70.0       | -70.0    | 61.1       | -61.1    |
| 84                                      |                    | 70.0       | -70.0    | -          | -        |
| 90                                      |                    | 70.0       | -70.0    | -          | -        |
| 96                                      |                    | 70.0       | -70.0    | -          | -        |

| DOUBLE DOOR DESIGN PRESSURE TABLE (PSF) |                    |            |          |            |          |
|-----------------------------------------|--------------------|------------|----------|------------|----------|
| FRAME DIMENSIONS                        |                    | HARDWARE A |          | HARDWARE B |          |
| FRAME WIDTH (IN.)                       | FRAME HEIGHT (IN.) | POS. (+)   | NEG. (-) | POS. (+)   | NEG. (-) |
| 48                                      | 108                | 70.0       | -70.0    | 65.0       | -65.0    |
| 54                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 60                                      |                    | 70.0       | -70.0    | 65.0       | -65.0    |
| 66                                      |                    | 70.0       | -70.0    | 59.5       | -59.5    |
| 72                                      |                    | 70.0       | -70.0    | 54.9       | -54.9    |
| 78                                      |                    | 70.0       | -70.0    | -          | -        |
| 84                                      |                    | 70.0       | -70.0    | -          | -        |
| 90                                      |                    | 70.0       | -70.0    | -          | -        |
| 48                                      | 114                | 70.0       | -70.0    | 65.0       | -65.0    |
| 54                                      |                    | 70.0       | -70.0    | 60.9       | -60.9    |
| 60                                      |                    | 70.0       | -70.0    | 55.1       | -55.1    |
| 66                                      |                    | 70.0       | -70.0    | 50.4       | -50.4    |
| 72                                      |                    | 70.0       | -70.0    | -          | -        |
| 78                                      |                    | 70.0       | -70.0    | -          | -        |
| 84                                      |                    | 70.0       | -70.0    | -          | -        |
| 48                                      | 120                | 70.0       | -70.0    | 58.3       | -58.3    |
| 54                                      |                    | 70.0       | -70.0    | 52.1       | -52.1    |
| 60                                      |                    | 70.0       | -70.0    | 47.1       | -47.1    |
| 66                                      |                    | 70.0       | -70.0    | 43.0       | -43.0    |
| 72                                      |                    | 70.0       | -70.0    | -          | -        |
| 78                                      |                    | 70.0       | -70.0    | -          | -        |
| 84                                      |                    | 70.0       | -70.0    | -          | -        |
| 48                                      | 126                | 70.0       | -70.0    | 50.3       | -50.3    |
| 54                                      |                    | 70.0       | -70.0    | 44.9       | -44.9    |
| 60                                      |                    | 70.0       | -70.0    | 40.6       | -40.6    |
| 66                                      |                    | 70.0       | -70.0    | -          | -        |
| 72                                      |                    | 69.4       | -69.4    | -          | -        |
| 78                                      |                    | 64.4       | -64.4    | -          | -        |
| 48                                      | 132                | 70.0       | -70.0    | 43.7       | -43.7    |
| 54                                      |                    | 70.0       | -70.0    | 39.0       | -39.0    |
| 60                                      |                    | 70.0       | -70.0    | 35.2       | -35.2    |
| 66                                      |                    | 65.3       | -65.3    | -          | -        |
| 72                                      |                    | 60.2       | -60.2    | -          | -        |
| 48                                      | 138                | 70.0       | -70.0    | 38.2       | -38.2    |
| 54                                      |                    | 69.2       | -69.2    | 34.1       | -34.1    |
| 60                                      |                    | 62.5       | -62.5    | -          | -        |
| 66                                      |                    | 57.0       | -57.0    | -          | -        |
| 72                                      |                    | 52.5       | -52.5    | -          | -        |
| 48                                      | 144                | 68.2       | -68.2    | 33.6       | -33.6    |
| 54                                      |                    | 60.8       | -60.8    | 30.0       | -30.0    |
| 60                                      |                    | 54.9       | -54.9    | -          | -        |
| 66                                      |                    | 50.1       | -50.1    | -          | -        |

NOTE: FOR SINGLE DOOR CONFIGURATIONS  
DIVIDE THE FRAME WIDTH BY TWO. FOR FIXED  
DOORS USE VALUES FOR HARDWARE TYPE A

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RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)

DESIGN PRESSURE TABLES

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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| 2026 FBC UPDATE | LS | 06/26 |
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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 #:    | FL46584    |
| DATE:    | 10.16.2024 |
| DWG. BY: | CHK. BY:   |
| SH       | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | RWD009     |
| SHEET:   | REV.       |
| 7        | A          |
| OF 19    |            |

# QUALIFIED CONFIGURATIONS

| OPERABLE DOUBLE DOOR - OO  |            |            |            |            |
|----------------------------|------------|------------|------------|------------|
| OPTIONS                    | HARDWARE A |            | HARDWARE B |            |
|                            | LEFT SASH  | RIGHT SASH | LEFT SASH  | RIGHT SASH |
| FULL GLAZED PANEL          | YES        | YES        | YES        | YES        |
| FULL FLAT DOOR             | YES        | YES        | YES        | YES        |
| LOCK RAIL                  | YES        | YES        | YES        | YES        |
| THERMALLY BROKEN THRESHOLD | YES        | YES        | NO         | NO         |
| STANDARD THRESHOLD         | YES        | YES        | YES        | YES        |

| OPERABLE-FIXED DOOR - OX/XO |               |            |               |            |
|-----------------------------|---------------|------------|---------------|------------|
| OPTIONS                     | HARDWARE A    |            | HARDWARE B    |            |
|                             | OPERABLE SASH | FIXED SASH | OPERABLE SASH | FIXED SASH |
| FULL GLAZED PANEL           | YES           | YES        | YES           | YES        |
| FULL FLAT DOOR              | YES           | YES        | YES           | YES        |
| LOCK RAIL                   | YES           | YES        | YES           | YES        |
| THERMALLY BROKEN THRESHOLD  | YES           | YES        | NO            | NO         |
| STANDARD THRESHOLD          | YES           | YES        | YES           | YES        |

| SINGLE ACTIVE DOOR - O     |            |            |
|----------------------------|------------|------------|
| OPTIONS                    | HARDWARE A | HARDWARE B |
| FULL GLAZED PANEL          | YES        | YES        |
| FULL FLAT DOOR             | YES        | YES        |
| LOCK RAIL                  | YES        | YES        |
| THERMALLY BROKEN THRESHOLD | YES        | NO         |
| STANDARD THRESHOLD         | YES        | YES        |

| DOUBLE FIXED DOOR - XX     |           |            |
|----------------------------|-----------|------------|
| OPTIONS                    | LEFT SASH | RIGHT SASH |
| FULL GLAZED PANEL          | YES       | YES        |
| FULL FLAT DOOR             | YES       | YES        |
| LOCK RAIL                  | YES       | YES        |
| THERMALLY BROKEN THRESHOLD | YES       | YES        |
| STANDARD THRESHOLD         | YES       | YES        |

| SINGLE FIXED DOOR - X      |      |
|----------------------------|------|
| OPTIONS                    | SASH |
| FULL GLAZED PANEL          | YES  |
| FULL FLAT DOOR             | YES  |
| LOCK RAIL                  | YES  |
| THERMALLY BROKEN THRESHOLD | YES  |
| STANDARD THRESHOLD         | YES  |

| LOCK RAIL |                    |
|-----------|--------------------|
| OPTION #  | CONFIGURATIONS     |
| 1         | GLAZED OVER GLAZED |
| 2         | GLAZED OVER PANEL  |

DESIGNATIONS "X" AND "O"  
STAND FOR THE FOLLOWING:  
X: FIXED SASH  
O: OPERABLE SASH

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TITLE: RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
QUALIFIED CONFIGURATIONS

PREPARED BY:

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MIAMI, FL 33132  
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WEB: www.buildingdrops.com

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| 2026 FBC UPDATE | LS | 06/26 |
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FL #:

FL46584

DATE:

10.16.2024

DWG. BY:

SH

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

RWD009

SHEET:

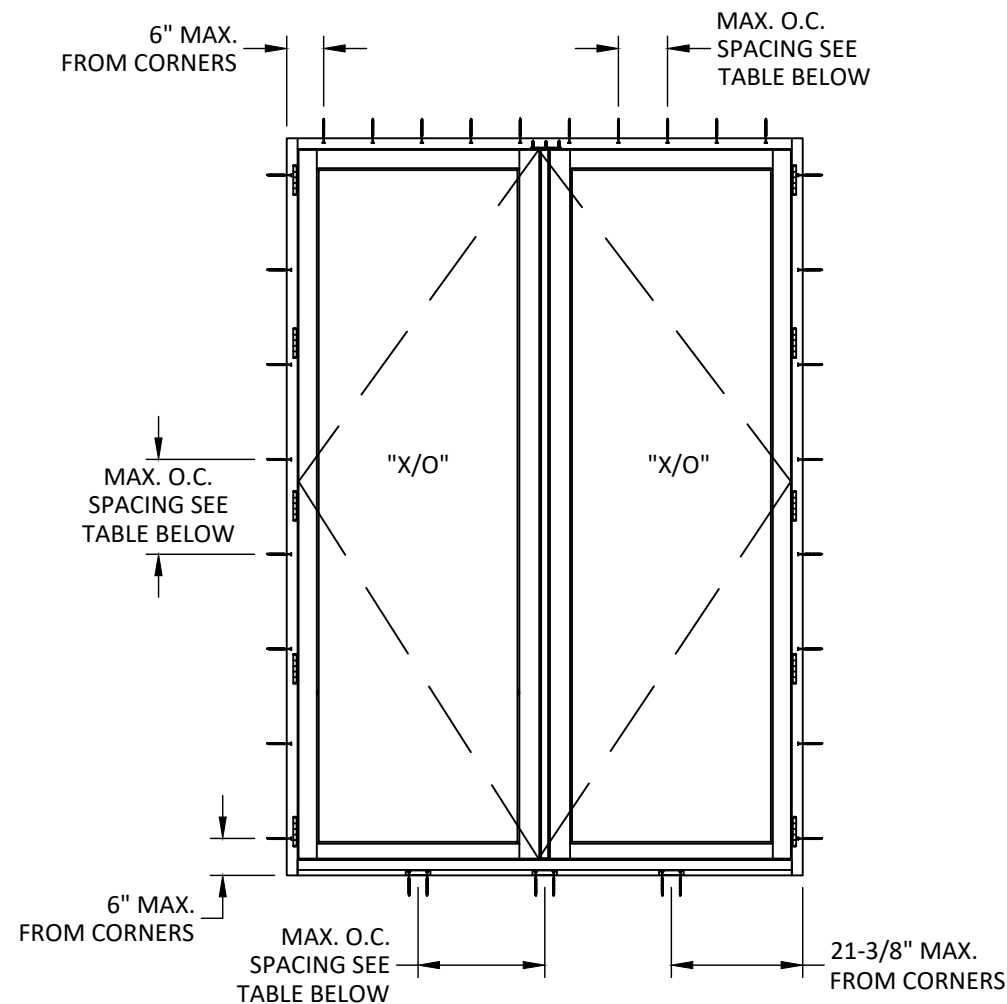
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REV.

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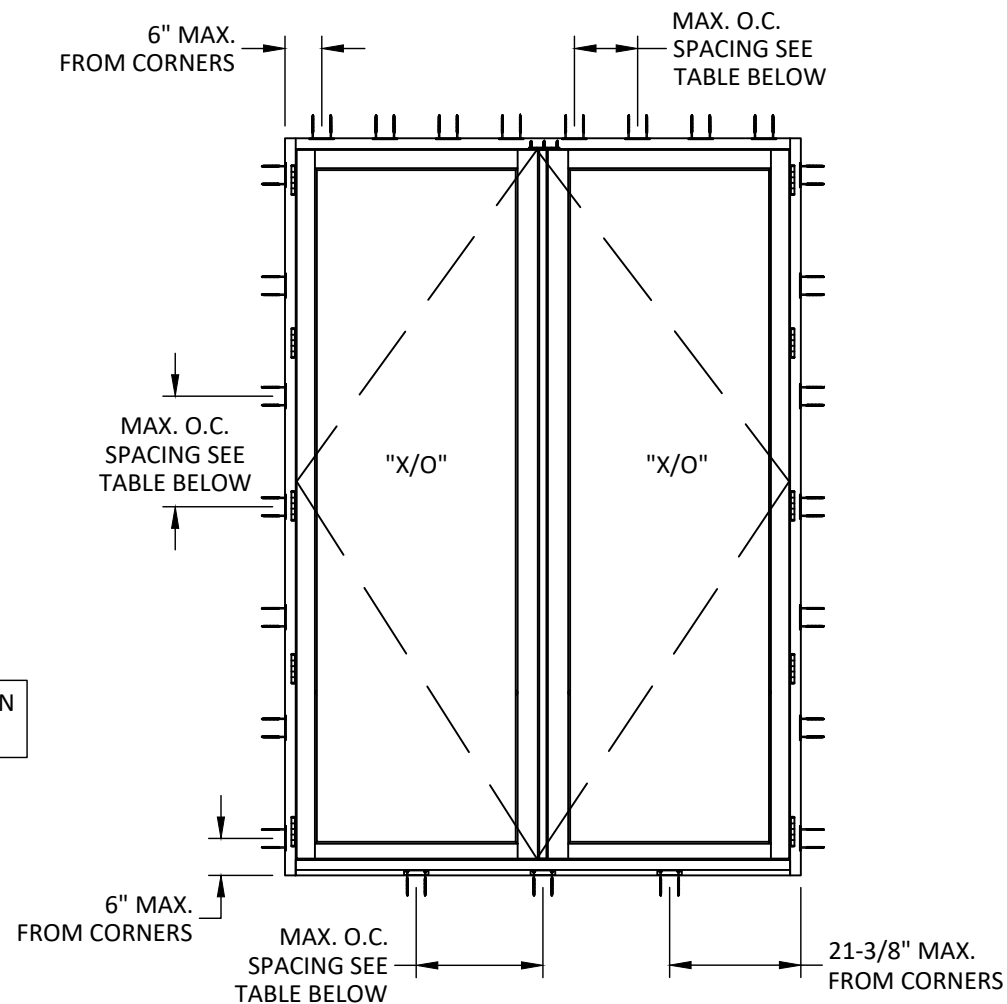


**ANCHOR LAYOUT**  
THROUGH FRAME/THROUGH EXTENSION - HEAD/JAMBS  
CLIP- SILL  
APPLIES TO ALL DOUBLE DOOR CONFIGURATIONS

REFER TO SHEET 11 FOR INSTALLATION  
DETAILS AND ANCHOR SCHEDULE.

NOTE: NO ANCHORS REQUIRED AT THE SILL  
WHEN WOOD SILL OR NON-THERMALLY  
BROKEN SILL ARE USED AT THE FRAME SIZES  
LISTED FOR HARDWARE B ON SHEET 7.

| ANCHOR SPACING TABLE                |                 |          |         |         |
|-------------------------------------|-----------------|----------|---------|---------|
| INSTALLATION METHOD                 | DESIGN PRESSURE | HEAD     | JAMBS   | SILL    |
| THROUGH FRAME/<br>THROUGH EXTENSION | $X \leq 40$ PSF | 14-1/2"  | 24"     | 20-5/8" |
|                                     | $40 < X$ PSF    | 8"       | 15-1/2" | 20-5/8" |
| FLAT CLIP                           | $X \leq 40$ PSF | 18"      | 24"     | 20-5/8" |
|                                     | $40 < X$ PSF    | 10-5/16" | 18"     | 20-5/8" |



**ANCHOR LAYOUT**  
FLAT CLIP - HEAD/JAMBS  
CLIP- SILL  
APPLIES TO ALL DOUBLE DOOR CONFIGURATIONS

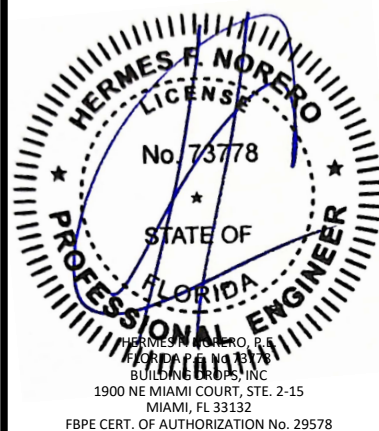
TITLE: RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
ANCHOR LAYOUTS

PREPARED BY:  
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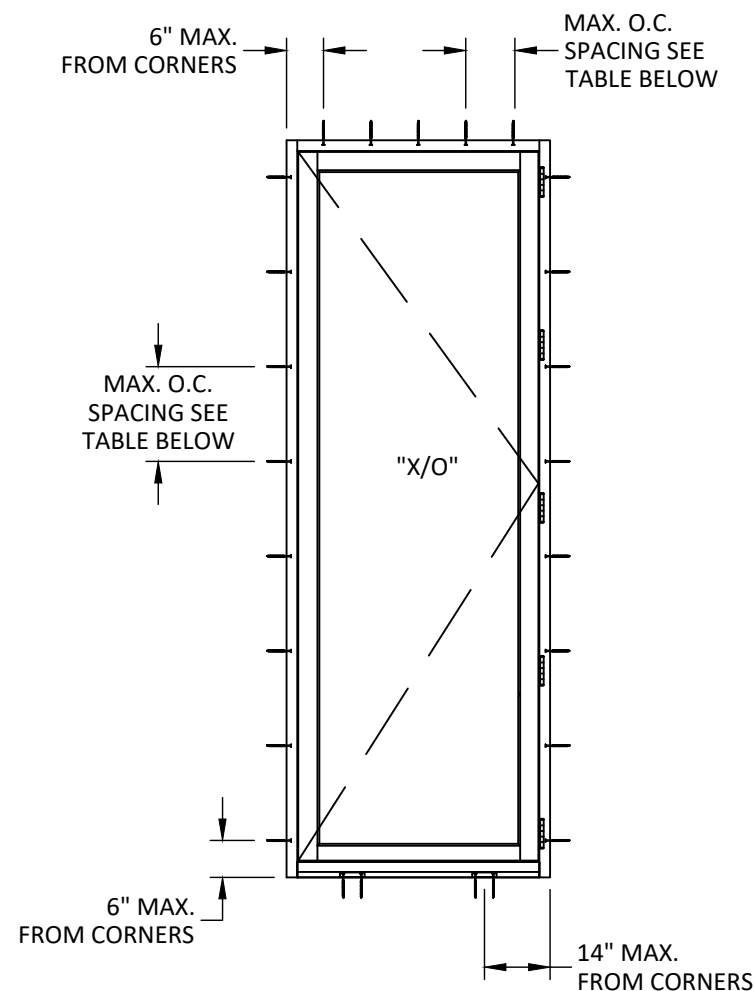


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| DWG. #:  | RWD009     |              |
| SHEET:   | 9          | REV. A       |
| OF 19    |            |              |



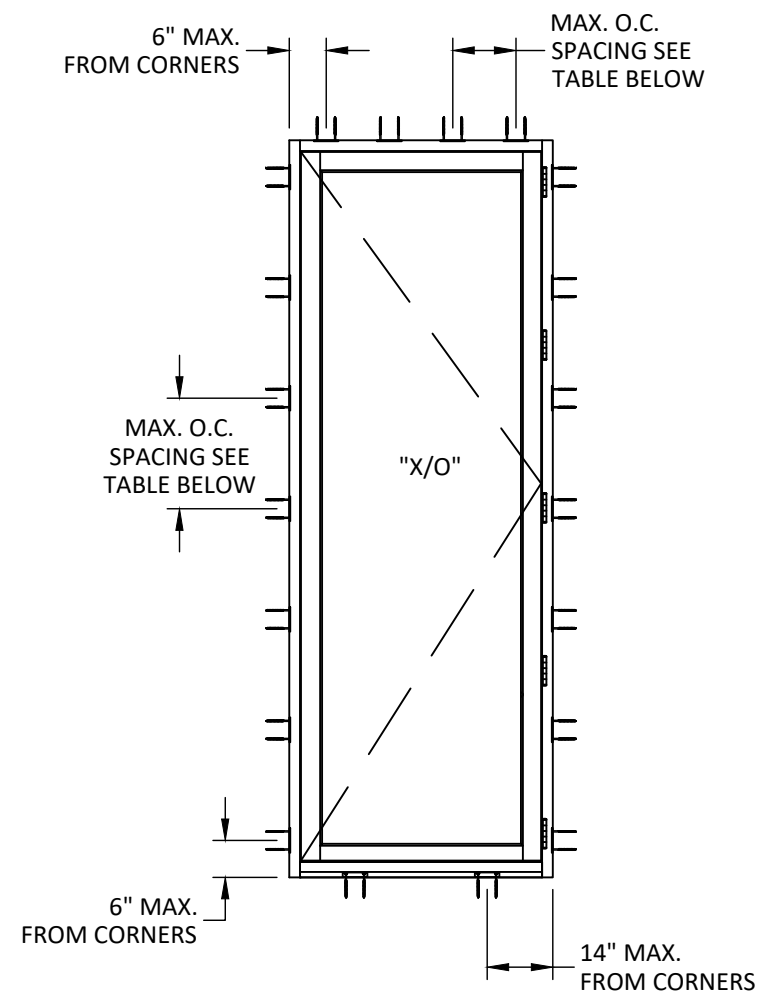
## ANCHOR LAYOUT

THROUGH FRAME/THROUGH EXTENSION - HEAD/JAMBS  
CLIP- SILL  
APPLIES TO ALL SINGLE DOOR CONFIGURATIONS

REFER TO SHEET 11 FOR INSTALLATION  
DETAILS AND ANCHOR SCHEDULE.

**NOTE: NO ANCHORS REQUIRED AT THE SILL WHEN WOOD SILL OR NON-THERMALLY BROKEN SILL ARE USED AT THE FRAME SIZES LISTED FOR HARDWARE B ON SHEET 7.**

| ANCHOR SPACING TABLE                |                 |          |         |         |
|-------------------------------------|-----------------|----------|---------|---------|
| INSTALLATION METHOD                 | DESIGN PRESSURE | HEAD     | JAMBS   | SILL    |
| THROUGH FRAME/<br>THROUGH EXTENSION | $X \leq 40$ PSF | 14-1/2"  | 24"     | 20-5/8" |
|                                     | $40 < X$ PSF    | 8"       | 15-1/2" | 20-5/8" |
| FLAT CLIP                           | $X \leq 40$ PSF | 18"      | 24"     | 20-5/8" |
|                                     | $40 < X$ PSF    | 10-5/16" | 18"     | 20-5/8" |



## ANCHOR LAYOUT

FLAT CLIP - HEAD/JAMBS  
CLIP- SILL

APPLIES TO ALL SINGLE DOOR CONFIGURATIONS

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**TITLE:** RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)

**ANCHOR LAYOUTS**

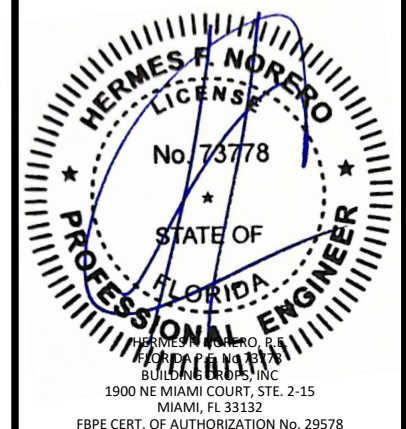
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**BUILDING DROPS**

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FL #: **FL46584**

DATE: 10.16.2024

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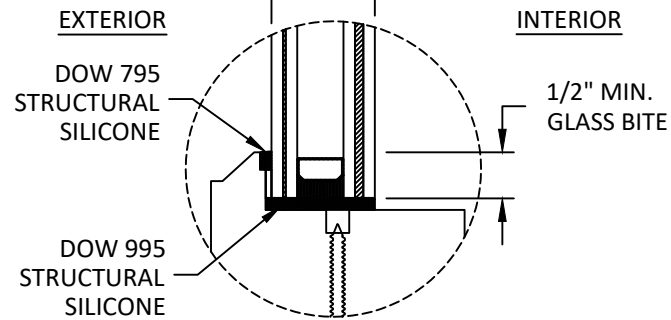
SCALE: NTS

DWG. #: RWD009

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| SHEET: | REV. |
| 10     | A    |

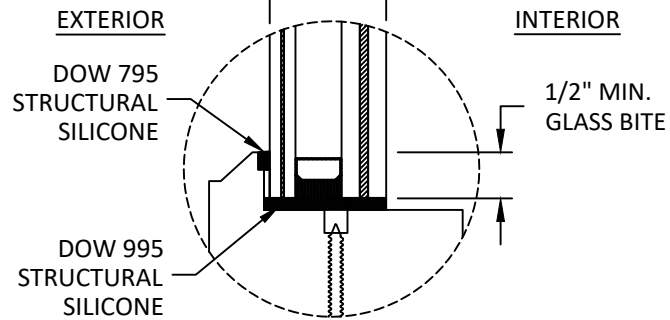
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1-1/8" O.A. INSULATED GLASS CONSISTING OF:  
1/8" ANNEALED GLASS  
0.030" SAFLEX PVB INTERLAYER  
1/8" ANNEALED GLASS  
1/2" ALUMINUM SPACER  
1/8" ANNEALED GLASS  
0.090" SAFLEX PVB INTERLAYER  
1/8" ANNEALED GLASS



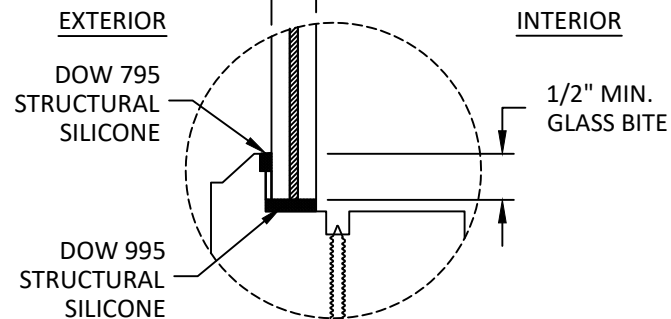
GLAZING DETAIL 1

1-3/16" O.A. INSULATED GLASS CONSISTING OF:  
1/8" ANNEALED GLASS  
0.030" SAFLEX PVB INTERLAYER  
1/8" ANNEALED GLASS  
1/2" ALUMINUM SPACER  
3/16" ANNEALED GLASS  
0.090" SAFLEX PVB INTERLAYER  
3/16" ANNEALED GLASS



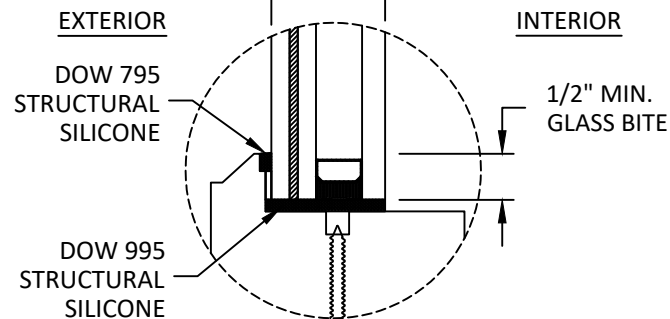
GLAZING DETAIL 2

7/16" O.A. LAMINATED GLASS CONSISTING OF:  
3/16" ANNEALED GLASS  
0.090" SAFLEX PVB INTERLAYER  
3/16" ANNEALED GLASS

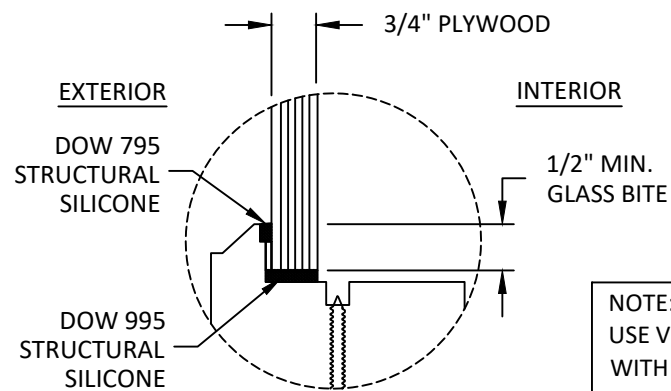


GLAZING DETAIL 3

1-3/16" O.A. INSULATED GLASS CONSISTING OF:  
3/16" ANNEALED GLASS  
0.090" SAFLEX PVB INTERLAYER  
3/16" ANNEALED GLASS  
1/2" ALUMINUM SPACER  
1/4" TEMPERED GLASS



GLAZING DETAIL 4



KICK PANEL DETAIL

NOTE: TESTED PANEL SHOWN, PANEL MAY  
USE VENEER/CLADDING IN ACCORDANCE  
WITH MANUFACTURERS SPECIFICATIONS.

GLAZING NOTES:

- GLASS TYPE COMPLIES 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.
- GLAZING DETAILS SHOWN WITHOUT GLAZING BEADS HAVE PASSED TESTING WITHOUT GLAZING BEADS AND MAY BE USED WITH ANY COMPATIBLE GLAZING BEADS THAT THE MANUFACTURER OFFERS.

| GLASS LOAD CAPACITY (PSF) |                     |          |          |                   |          |
|---------------------------|---------------------|----------|----------|-------------------|----------|
| D.L.O. DIMENSIONS         |                     | GL-1     |          | GL-2, GL-3 & GL-4 |          |
| D.L.O. WIDTH (IN.)        | D.L.O. HEIGHT (IN.) | POS. (+) | NEG. (-) | POS. (+)          | NEG. (-) |
| 14.375                    | 67.34               | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    | 73.34               | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    | 79.34               | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    |                     | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    | 85.34               | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    |                     | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | -        | -        | 59.1              | -59.1    |
| 14.375                    | 91.34               | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    | 97.34               | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    | 109.34              | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    |                     | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    | 115.34              | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    |                     | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    | 121.34              | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    | 127.34              | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    | 133.34              | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    |                     | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |

| GLASS LOAD CAPACITY (PSF) |                     |          |          |                   |          |
|---------------------------|---------------------|----------|----------|-------------------|----------|
| D.L.O. DIMENSIONS         |                     | GL-1     |          | GL-2, GL-3 & GL-4 |          |
| D.L.O. WIDTH (IN.)        | D.L.O. HEIGHT (IN.) | POS. (+) | NEG. (-) | POS. (+)          | NEG. (-) |
| 14.375                    | 91.34               | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    | 97.34               | -        | -        | 64.1              | -64.1    |
| 38.375                    |                     | -        | -        | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    | 109.34              | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    |                     | -        | -        | 64.1              | -64.1    |
| 38.375                    |                     | -        | -        | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    | 115.34              | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    |                     | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    | 121.34              | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    | 127.34              | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 23.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 26.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 29.375                    | 133.34              | 70.0     | -70.0    | 70.0              | -70.0    |
| 32.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 35.375                    |                     | 64.1     | -64.1    | 64.1              | -64.1    |
| 38.375                    |                     | 59.1     | -59.1    | 59.1              | -59.1    |
| 14.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 17.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |
| 20.375                    |                     | 70.0     | -70.0    | 70.0              | -70.0    |

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TITLE:  
RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
GLAZING DETAILS &  
GLASS CAPACITY TABLES

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1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:  
**FL46584**

DATE: **10.16.2024**

DWG. BY: **SH**CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **RWD009**

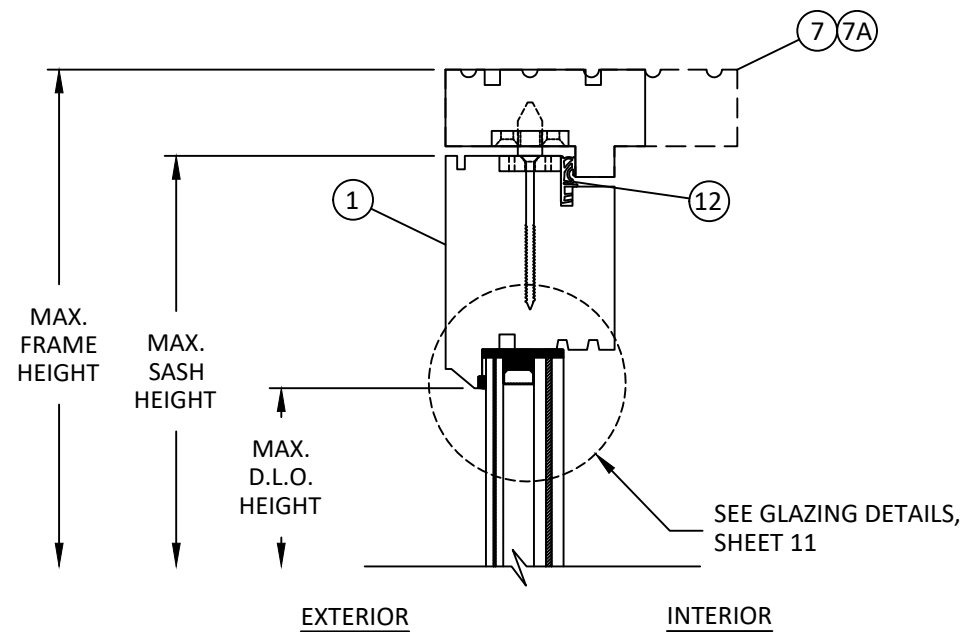
SHEET:  
**11**

REV.  
**A**

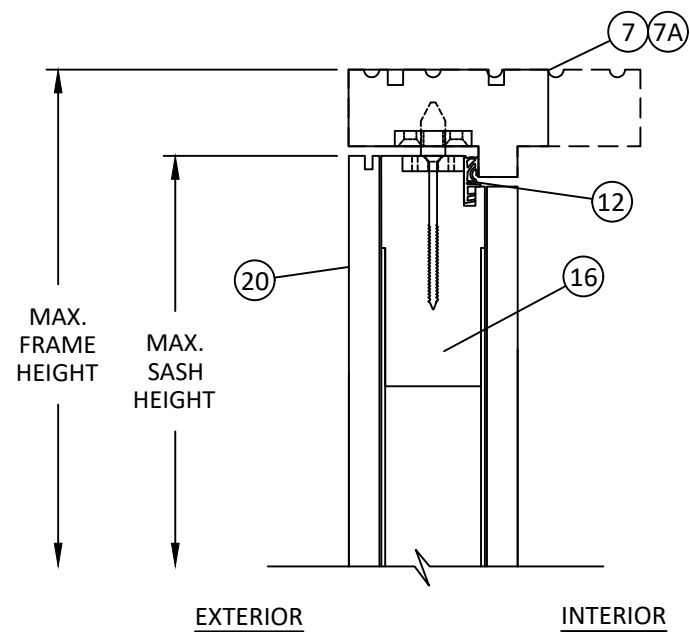
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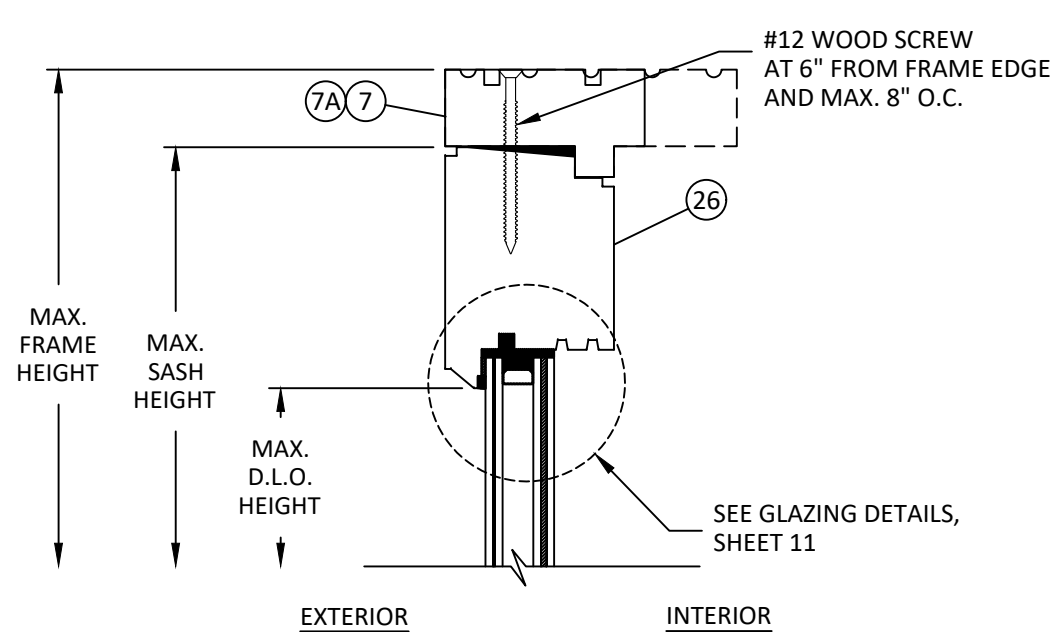
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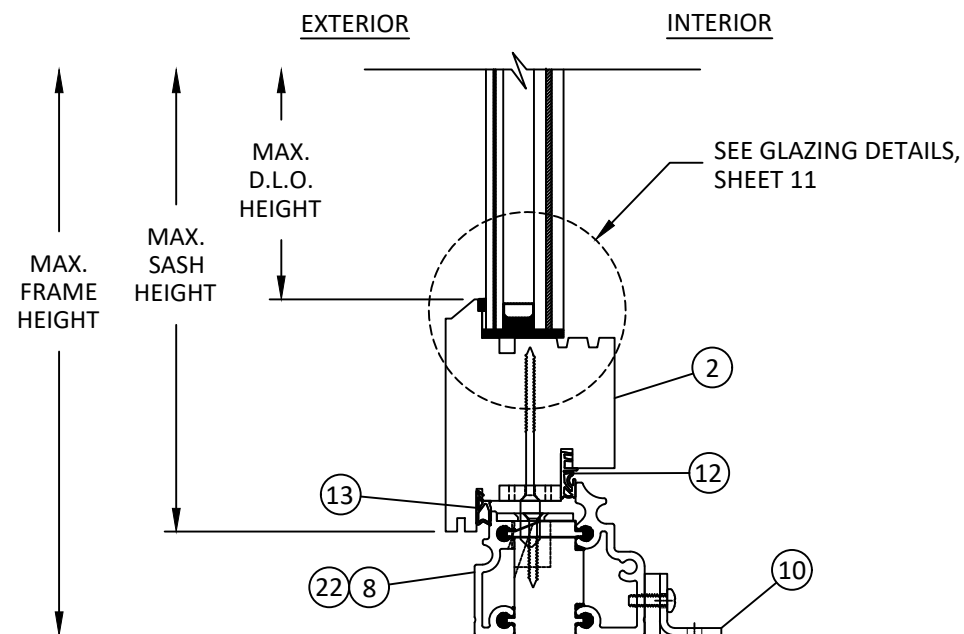
**A**  
12 VERTICAL SECTION  
OPERABLE GLAZED HEAD  
HARDWARE A



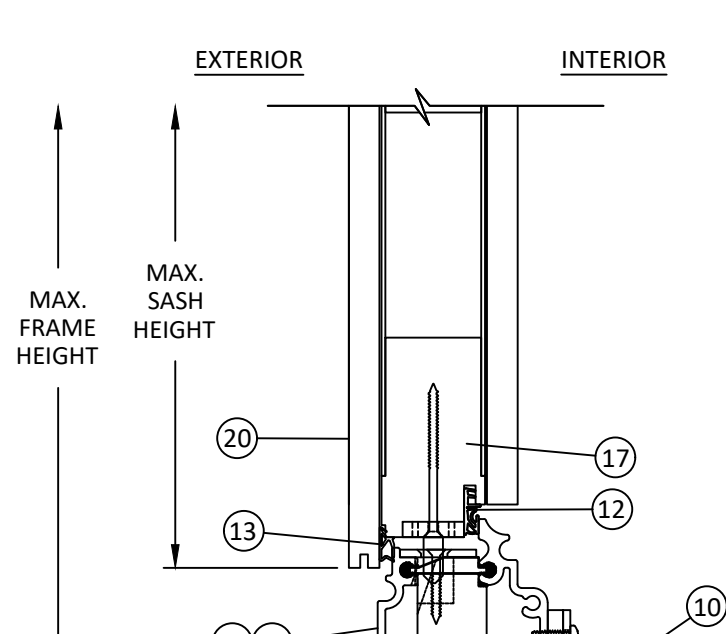
**B**  
12 VERTICAL SECTION  
OPERABLE FLAT DOOR HEAD  
HARDWARE A



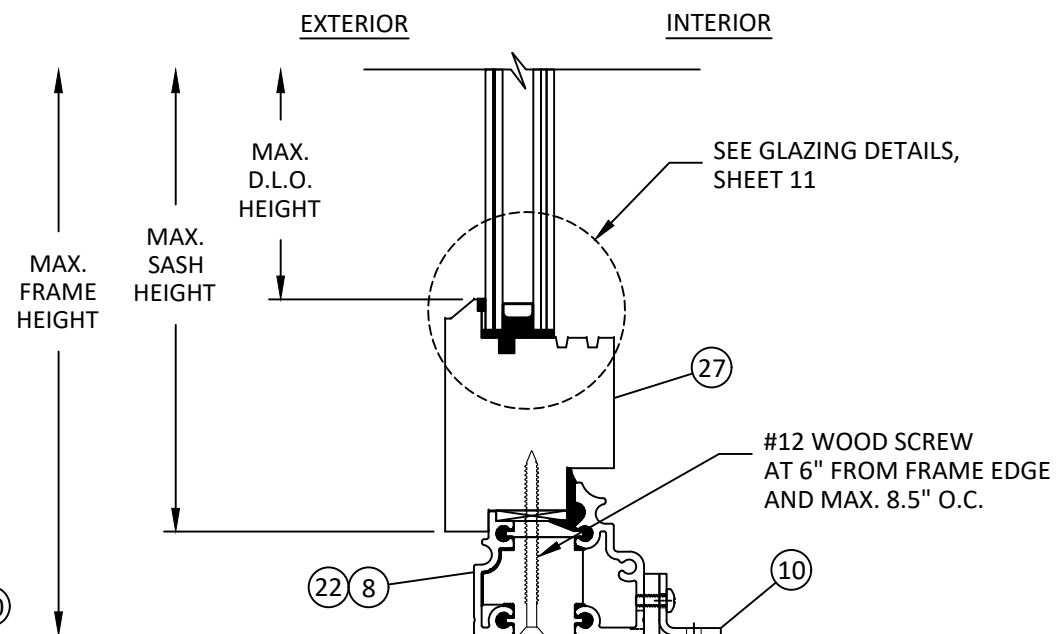
**C**  
12 VERTICAL SECTION  
FIXED GLAZED HEAD



**D**  
12 VERTICAL SECTION  
OPERABLE GLAZED THERMALLY BROKEN SILL  
HARDWARE A



**E**  
12 VERTICAL SECTION  
OPERABLE FLAT DOOR THERMALLY BROKEN SILL  
HARDWARE A



**F**  
12 VERTICAL SECTION  
FIXED GLAZED THERMALLY BROKEN SILL

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RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
VERTICAL SECTIONS

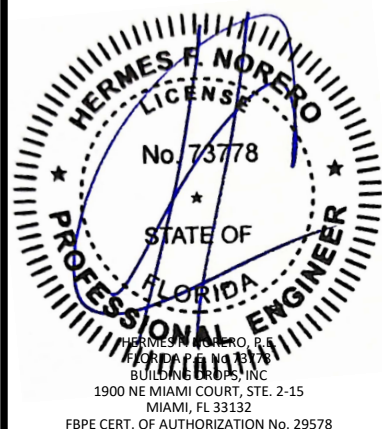
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|----------|------------|
| FL #:    | FL46584    |
| DATE:    | 10.16.2024 |
| DWG. BY: | SH         |
| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | RWD009     |
| SHEET:   | 12         |

REV. A

**A**  
**13**

**VERTICAL SECTION**

FIXED FLAT DOOR HEAD

**B**  
**13**

**VERTICAL SECTION**

OPERABLE GLAZED HEAD  
HARDWARE B

**C**  
**13**

**VERTICAL SECTION**

OPERABLE FLAT DOOR HEAD  
HARDWARE B

**D**  
**13** **VERTICAL SECTION**  
FIXED FLAT DOOR THERMALLY BROKEN SILL

**E**  
**13**

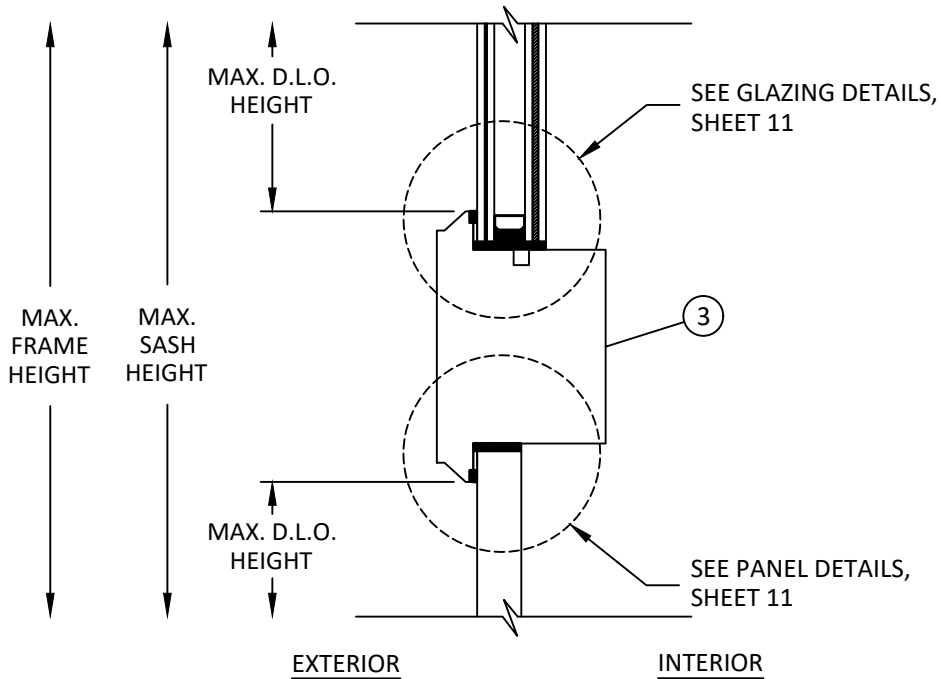
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OPERABLE GLAZED SILL  
HARDWARE B

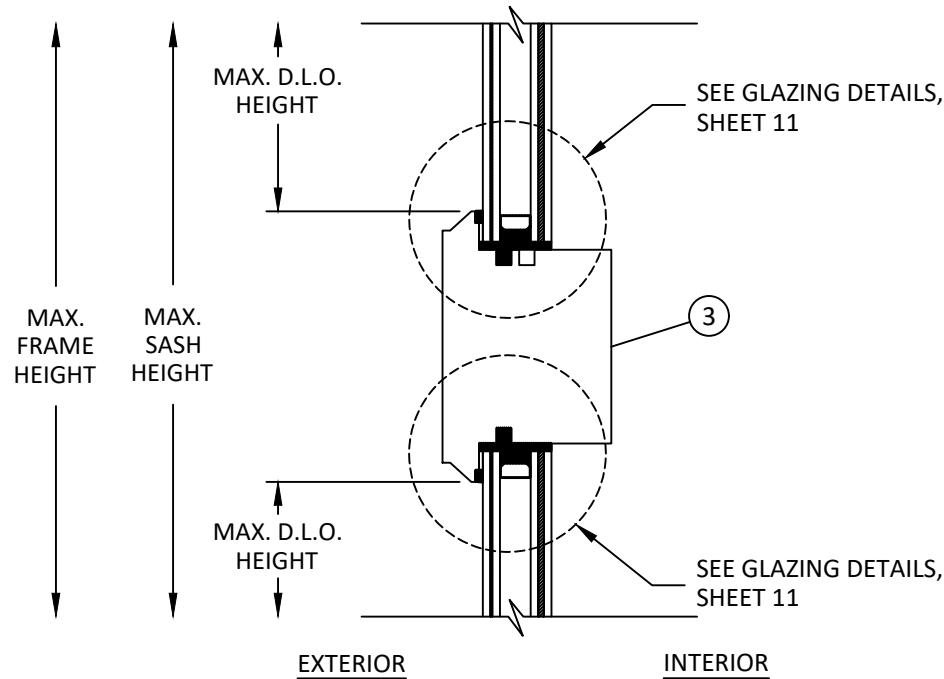
NOTE: WOOD SILL LIMITED TO SIZES AND PRESSURES FOR HARDWARE B ON SHEET 7.

|          |    |            |     |
|----------|----|------------|-----|
| FL #:    |    | FL46584    |     |
| DATE:    |    | 10.16.2024 |     |
| DWG. BY: | SH | CHK. BY:   | HFN |
| SCALE:   |    | NTS        |     |
| DWG. #:  |    | RWD009     |     |
| SHEET:   | 13 | REV.       | A   |
|          |    | OF 19      |     |

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**A**  
**14** VERTICAL SECTION  
MID-RAIL  
GLASS OVER PANEL



**B**  
**14** VERTICAL SECTION  
MID-RAIL  
GLASS OVER GLASS

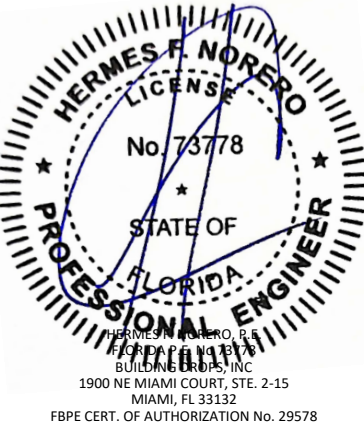
RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
VERTICAL SECTIONS

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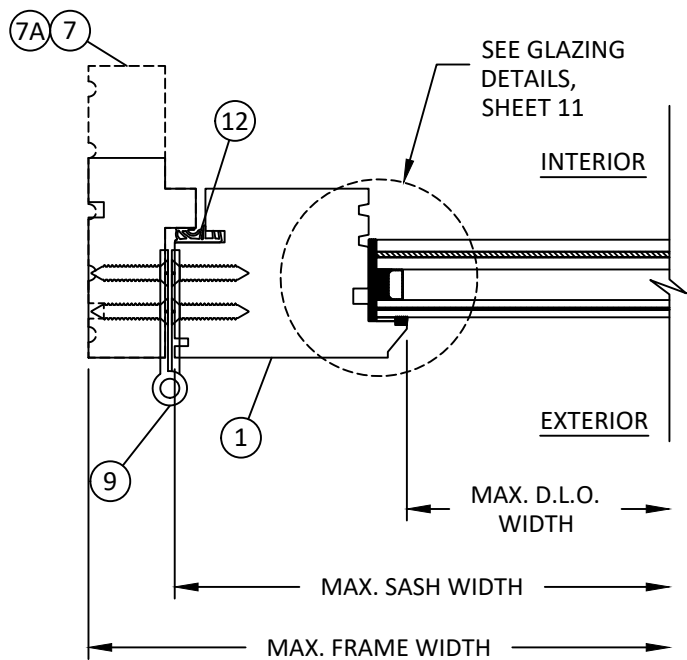
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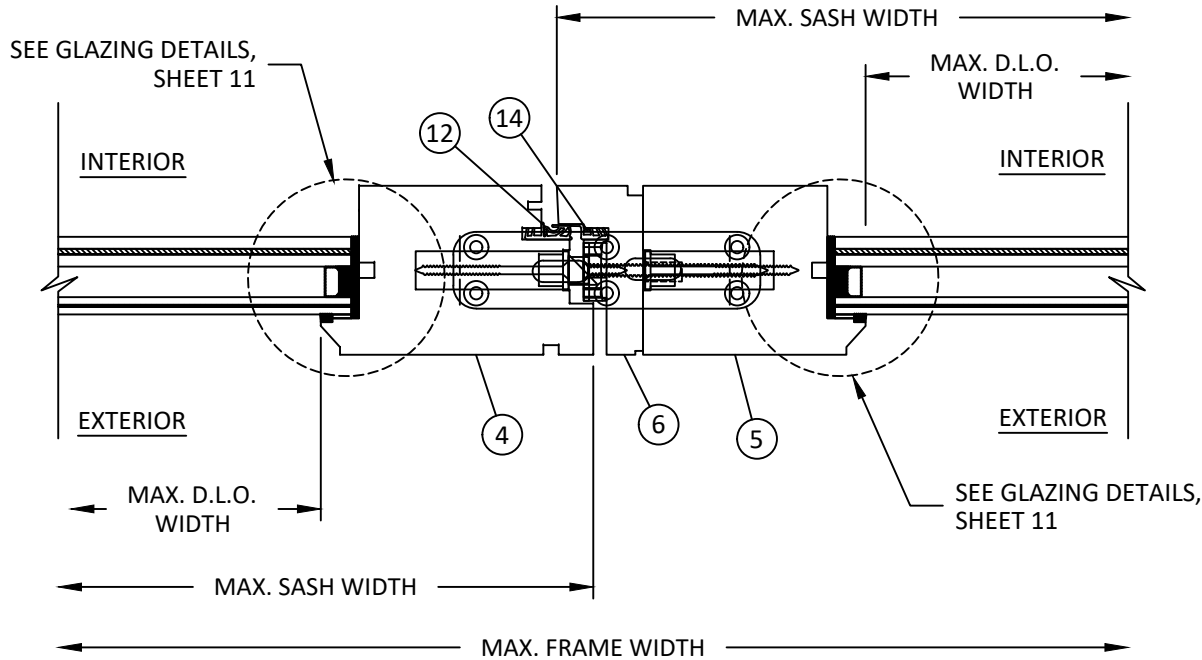


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| FL #:    | FL46584    |              |
| DATE:    | 10.16.2024 |              |
| DWG. BY: | SH         | CHK. BY: HFN |
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| SHEET:   | 14         | REV. A       |

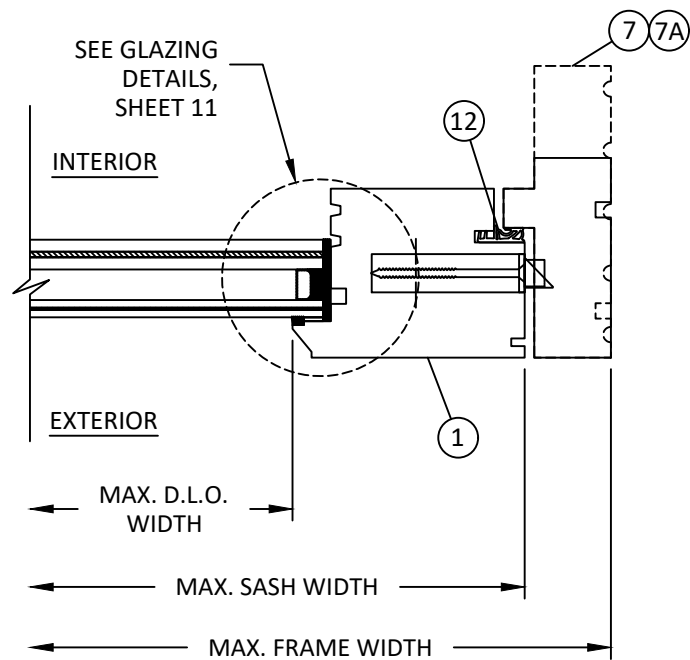
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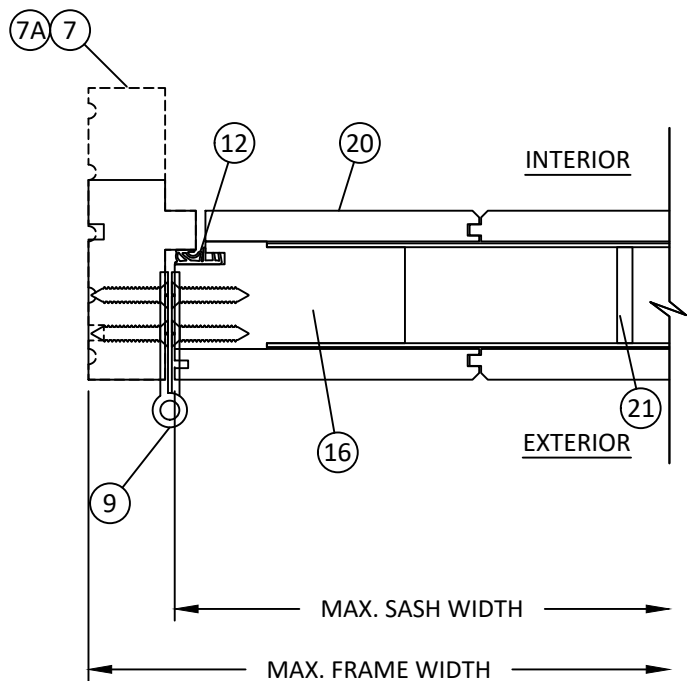
**A** HORIZONTAL SECTION  
15 HINGE JAMB  
GLAZED SASH



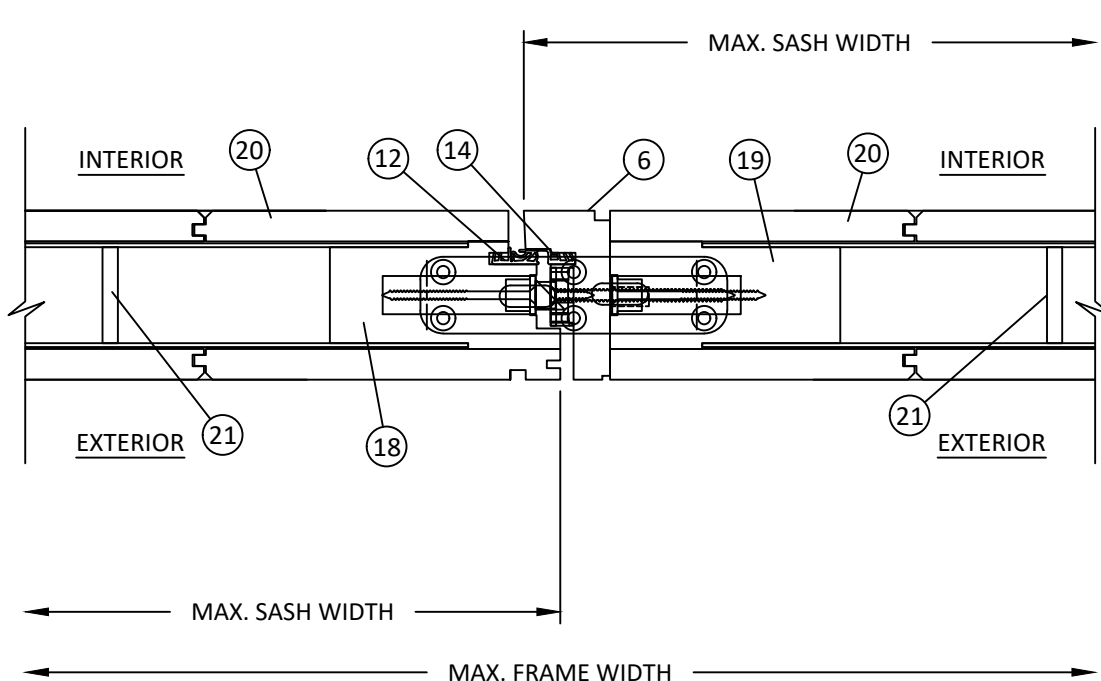
**B** HORIZONTAL SECTION  
15 ASTRAGAL  
GLAZED - GLAZED



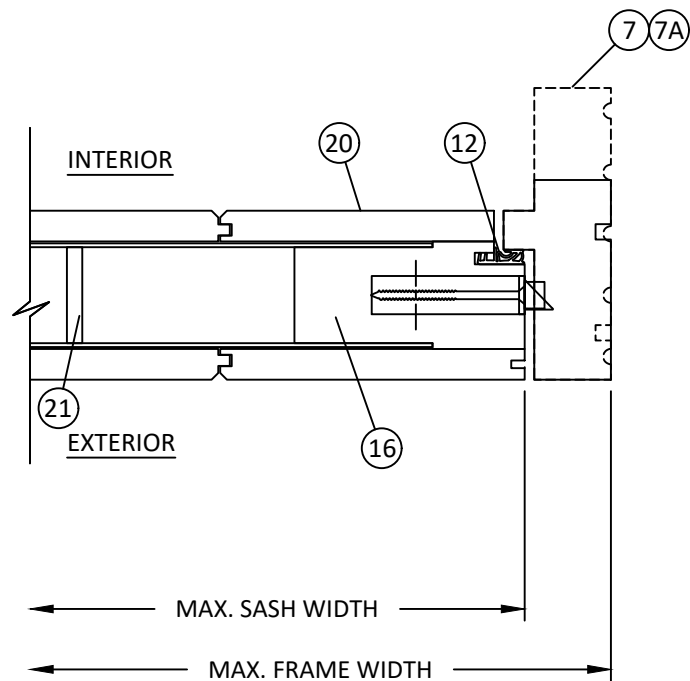
**C** HORIZONTAL SECTION  
15 LOCK JAMB  
GLAZED SASH



**D** HORIZONTAL SECTION  
15 HINGE JAMB  
FLAT DOOR



**E** HORIZONTAL SECTION  
15 ASTRAGAL  
FLAT DOOR - FLAT DOOR



**F** HORIZONTAL SECTION  
15 LOCK JAMB  
FLAT DOOR

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TITLE: RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)

HORIZONTAL SECTIONS

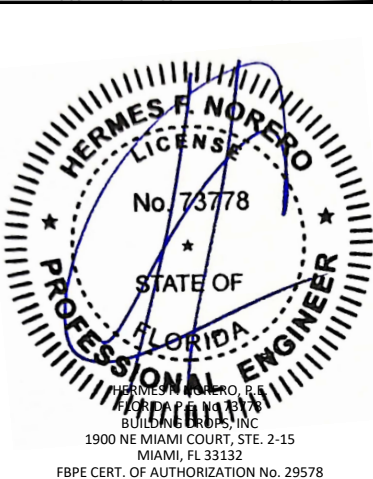
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| FL #:    | FL46584    |
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| DWG. BY: | SH         |
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| SCALE:   | NTS        |
| DWG. #:  | RWD009     |
| SHEET:   | 15         |
| REV.     | A          |



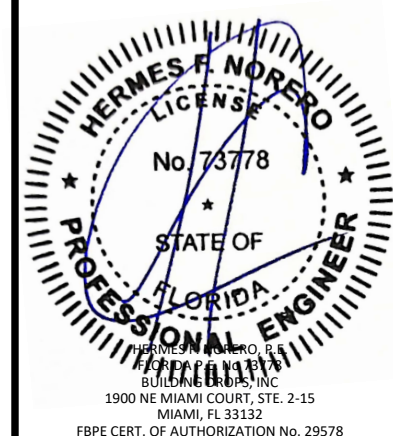
## HORIZONTAL SECTIONS

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FL #: **FL46584**

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|-----------------------|------------------------|
| DWG. BY:<br><b>SH</b> | CHK. BY:<br><b>HFN</b> |
|-----------------------|------------------------|

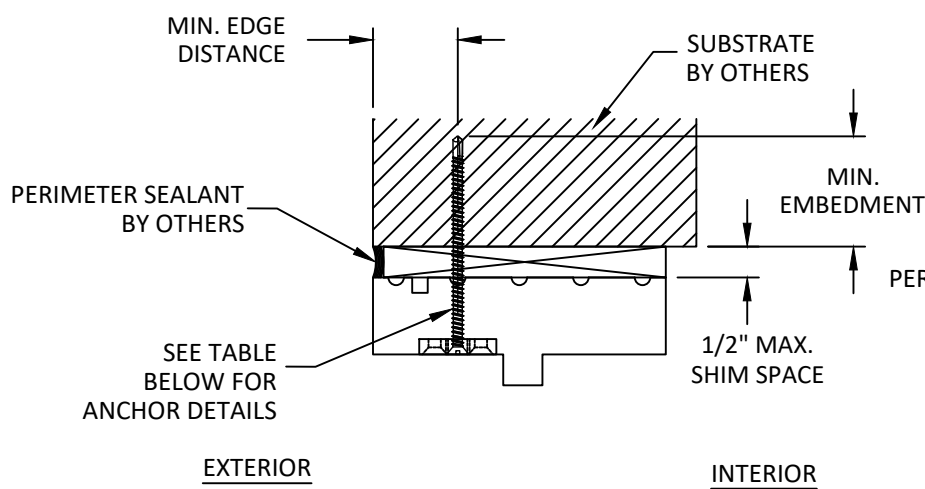
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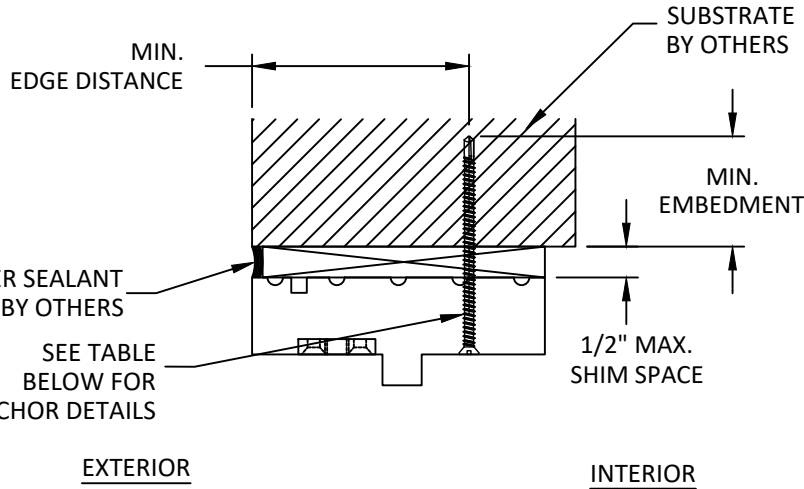
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| SHEET: | REV |
|--------|-----|

16 A

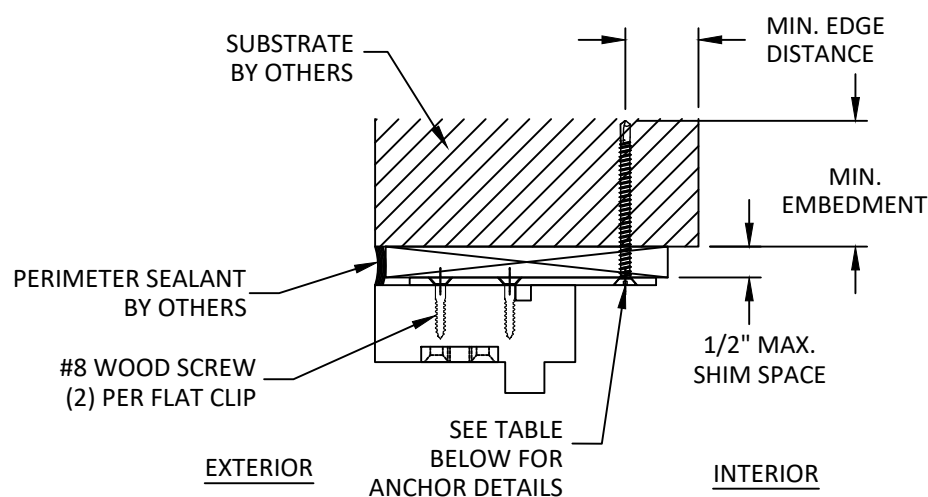
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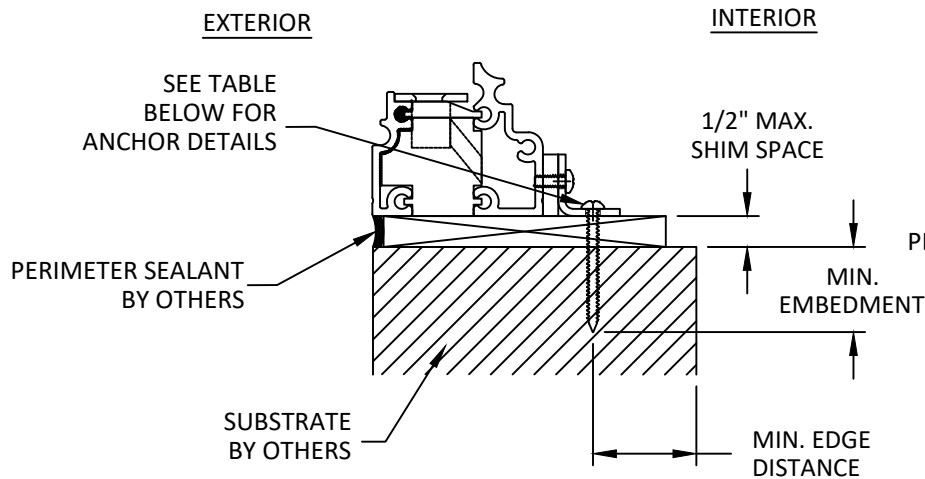
**A**  
**17** VERTICAL SECTION  
HEAD - THROUGH FRAME  
JAMB SIMILAR



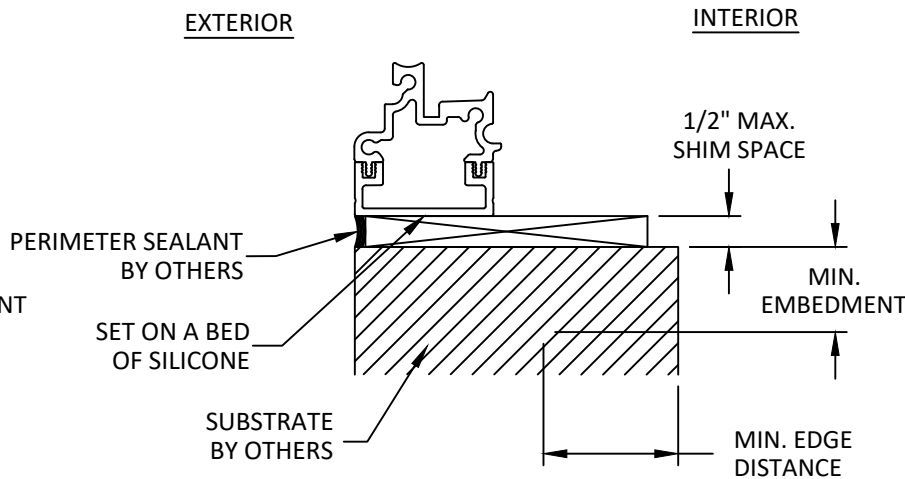
**B**  
**17** VERTICAL SECTION  
HEAD - THROUGH EXTENSION  
JAMB SIMILAR



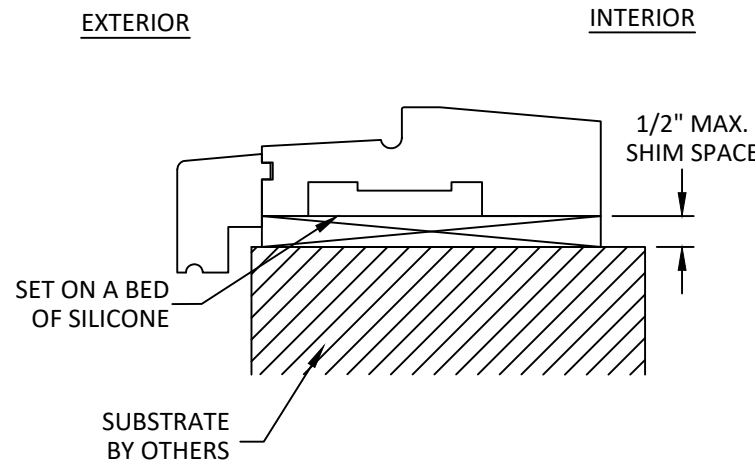
**C**  
**17** VERTICAL SECTION  
HEAD - FLAT CLIP  
JAMB SIMILAR



**D**  
**17** VERTICAL SECTION  
THERMALLY BROKEN SILL - CLIP  
NON-THERMALLY BROKEN SILL - SIMILAR



**E**  
**17** VERTICAL SECTION  
NON-THERMALLY BROKEN SILL  
THERMALLY BROKEN SILL - SIMILAR



**F**  
**17** VERTICAL SECTION  
WOOD SILL

| ANCHOR SCHEDULE - HEAD & JAMBS      |                       |                                                                              |                            |                                                     |                    |                      |
|-------------------------------------|-----------------------|------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------|--------------------|----------------------|
| METHOD                              | QUANTITY PER LOCATION | SUBSTRATE                                                                    | ANCHOR TYPE                | MIN. EMBEDMENT                                      | MIN. EDGE DISTANCE | SPACING              |
| THROUGH FRAME/<br>THROUGH EXTENSION | 1                     | WOOD: MIN. SG = 0.55                                                         | #12 WOOD SCREW             | 1.50"                                               | 0.75"              | SEE SHEETS<br>9 & 10 |
|                                     |                       | METAL: 18 GAUGE STEEL,<br>MIN. Fy = 33KSI<br>ALUMINUM: 1/8" MIN.,<br>6063-T5 | #12 SELF-DRILLING<br>SCREW | 3 THREADS MIN<br>PENETRATION<br>BEYOND<br>STRUCTURE | 0.50"              |                      |
|                                     |                       | CONCRETE: f'c=3000PSI                                                        | 1/4" ITW TAPCON            | 1.00"                                               | 2.50"              |                      |
|                                     |                       | MASONRY: CMU per ASTM<br>C90 MIN. 2000 PSI                                   | 1/4" ITW TAPCON            | 1.00"                                               | 2.50"              |                      |
| FLAT CLIP                           | 2                     | WOOD: MIN. SG = 0.55                                                         | #12 WOOD SCREW             | 1.50"                                               | 0.75"              | SEE SHEETS<br>9 & 10 |
|                                     |                       | METAL: 18 GAUGE STEEL,<br>MIN. Fy = 33KSI<br>ALUMINUM: 1/8" MIN.,<br>6063-T5 | #12 SELF-DRILLING<br>SCREW | 3 THREADS MIN<br>PENETRATION<br>BEYOND<br>STRUCTURE | 0.50"              |                      |
|                                     |                       | CONCRETE: f'c=3000PSI                                                        | 1/4" ITW TAPCON            | 1.00"                                               | 2.50"              |                      |
|                                     |                       | MASONRY: CMU per ASTM<br>C90 MIN. 2000 PSI                                   | 1/4" ITW TAPCON            | 1.00"                                               | 2.50"              |                      |

| ANCHOR SCHEDULE - SILL CLIP |                       |                                                                              |                            |                                                     |                    |                      |
|-----------------------------|-----------------------|------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------|--------------------|----------------------|
| METHOD                      | QUANTITY PER LOCATION | SUBSTRATE                                                                    | ANCHOR TYPE                | MIN. EMBEDMENT                                      | MIN. EDGE DISTANCE | SPACING              |
| SILL CLIP                   | 2                     | WOOD: MIN. SG = 0.55                                                         | #10 WOOD SCREW             | 1.50"                                               | 0.75"              | SEE SHEETS<br>9 & 10 |
|                             |                       | METAL: 18 GAUGE STEEL,<br>MIN. Fy = 33KSI<br>ALUMINUM: 1/8" MIN.,<br>6063-T5 | #10 SELF-DRILLING<br>SCREW | 3 THREADS MIN<br>PENETRATION<br>BEYOND<br>STRUCTURE | 0.50"              |                      |
|                             |                       | CONCRETE: f'c=3000PSI                                                        | 3/16" ITW TAPCON           | 1.00"                                               | 2.50"              |                      |
|                             |                       | MASONRY: CMU per ASTM<br>C90 MIN. 2000 PSI                                   | 3/16" ITW TAPCON           | 1.00"                                               | 2.50"              |                      |

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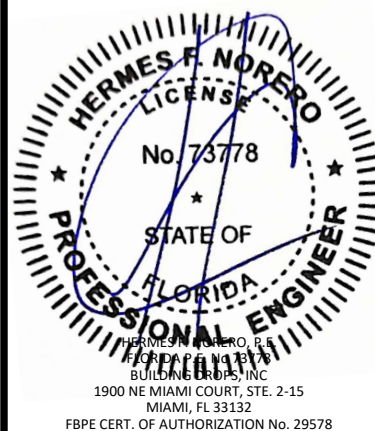
RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
ANCHOR DETAILS &  
ANCHOR SCHEDULE

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  |
|-----------------|----|-------|
| 2026 FBC UPDATE | LS | 06/26 |
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DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:  
**FL46584**

DATE: **10.16.2024**

DWG. BY: **SH** CHK. BY: **HFN**

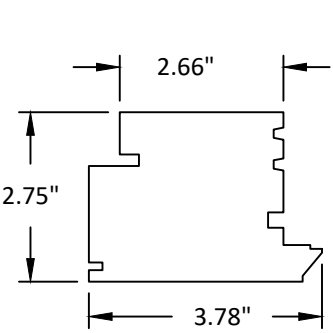
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DWG. #: **RWD009**

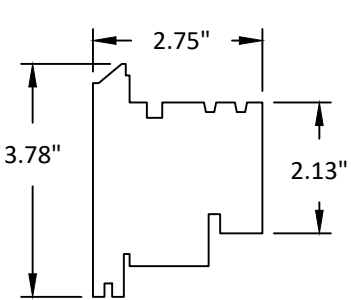
SHEET: **17** REV. **A**

OF 19

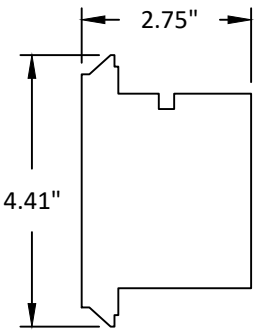
| BILL OF MATERIALS |                |                                |          |              |
|-------------------|----------------|--------------------------------|----------|--------------|
| ITEM              | PART NO.       | DESCRIPTION                    | MATERIAL | MANUFACTURER |
| 1                 | -              | STILE/TOP RAIL                 | MAHOGANY | REILLY       |
| 2                 | -              | BOTTOM RAIL                    | MAHOGANY | REILLY       |
| 3                 | -              | LOCK RAIL                      | MAHOGANY | REILLY       |
| 4                 | -              | MEETING STILE                  | MAHOGANY | REILLY       |
| 5                 | -              | MEETING STILE                  | MAHOGANY | REILLY       |
| 6                 | -              | ATRAGAL                        | MAHOGANY | REILLY       |
| 7                 | -              | STANDARD HEAD/JAMB             | MAHOGANY | REILLY       |
| 7A                | -              | 3.25" HEAD/JAMB                | MAHOGANY | REILLY       |
| 7B                | -              | ALT. HEAD/JAMB                 | MAHOGANY | REILLY       |
| 8                 | -              | THERMALLY BROKEN SILL          | BRASS    | REILLY       |
| 9                 | 125P-4.5"X4.5" | HINGES                         | BRASS    | MERIT        |
| 10                | -              | SILL CLIP                      | S.S.     | VARIES       |
| 11                | HLS 9000       | MULTI-POINT LOCK               | VARIES   | HOPPE        |
| 12                | WS24           | WEATHERSTRIP                   | SILICONE | RCT          |
| 13                | SV 103A-20     | WEATHERSTRIP                   | SILICONE | DEVENTER     |
| 14                | 60 DURO        | WEATHERSTRIP                   | SILICONE | LEGACY       |
| 15                | F2             | FLAT CLIP                      | ALUMINUM | VARIES       |
| 16                | -              | FLAT DOOR STILE/TOP RAIL       | ACCOYA   | REILLY       |
| 17                | -              | FLAT DOOR BOTTOM RAIL          | ACCOYA   | REILLY       |
| 18                | -              | FLAT DOOR MEETING STILE        | ACCOYA   | REILLY       |
| 19                | -              | FLAT DOOR MEETING STILE        | ACCOYA   | REILLY       |
| 20                | -              | PLANK                          | MAHOGAY  | REILLY       |
| 21                | -              | BLOCKING                       | ACCOYA   | REILLY       |
| 22                | -              | NON-THERMAL BROKEN SILL        | BRASS    | REILLY       |
| 23                | -              | WOOD SILL                      | MAHOGANY | REILLY       |
| 24                | -              | MORTISE LOCK                   | VARIES   | VARIES       |
| 25                | -              | SURFACE BOLTS                  | S.S.     | REILLY       |
| 26                | -              | FIXED STILE/TOP RAIL           | MAHOGANY | REILLY       |
| 27                | -              | FIXED BOTTOM RAIL              | MAHOGANY | REILLY       |
| 28                | -              | FIXED MEETING STILE            | MAHOGANY | REILLY       |
| 29                | -              | FIXED MEETING STILE            | MAHOGANY | REILLY       |
| 30                | -              | FLAT DOOR FIXED STILE/TOP RAIL | ACCOYA   | REILLY       |
| 31                | -              | ALTERNATE BOTTOM RAIL          | MAHOGANY | REILLY       |
| 32                | -              | FLAT DOOR FIXED MEETING STILE  | ACCOYA   | REILLY       |
| 33                | -              | FLAT DOOR FIXED MEETING STILE  | ACCOYA   | REILLY       |



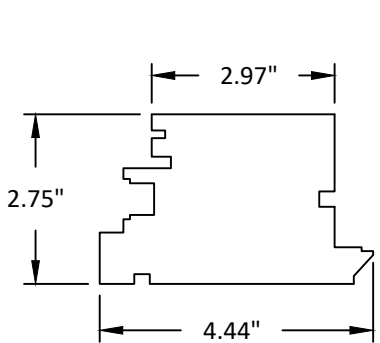
1 STILE/TOP RAIL  
MAHOGANY



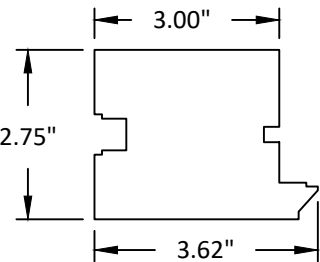
2 BOTTOM RAIL  
MAHOGANY



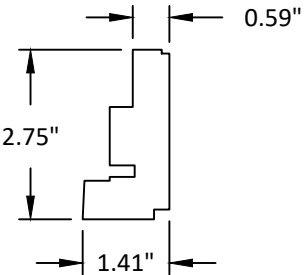
3 LOCK RAIL  
MAHOGANY



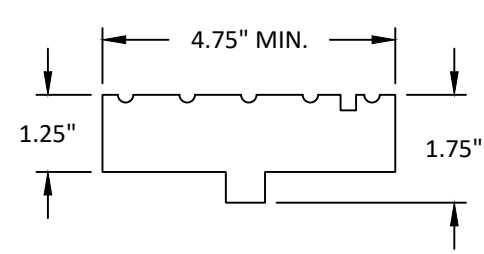
4 MEETING STILE  
MAHOGANY



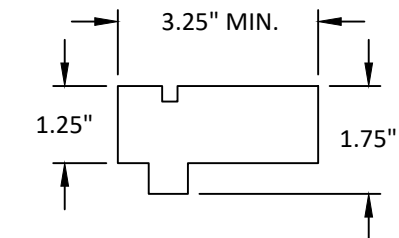
5 MEETING STILE  
MAHOGANY



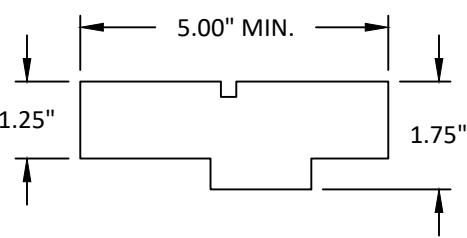
6 ASTRAGAL  
MAHOGANY



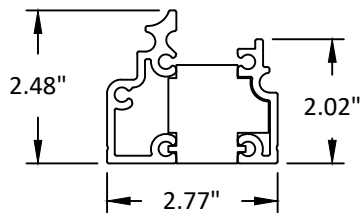
7 STANDARD HEAD/JAMB  
MAHOGANY



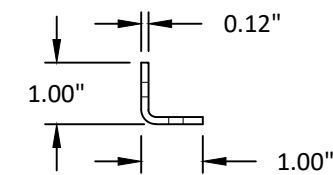
7A 3.25" HEAD/JAMB  
MAHOGANY



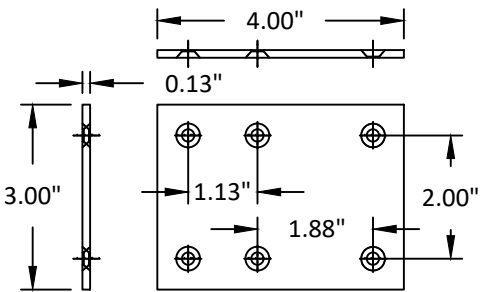
7B ALT. HEAD/JAMB  
MAHOGANY



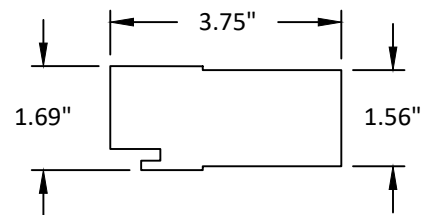
8 THERMALLY BROKEN SILL  
BRASS



10 SILL CLIP  
S.S.



15 FLAT CLIP  
ALUMINUM



16 FLAT DOOR STILE/TOP RAIL  
ACCOYA

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RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
BILL OF MATERIALS  
& COMPONENTS

TITLE:

PREPARED BY:  
**BUILDING DROPS, INC.**  
1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
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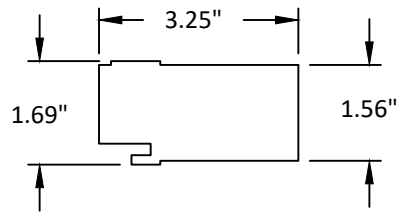
| REMARKS         | BY | DATE  |
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| 2026 FBC UPDATE | LS | 06/26 |
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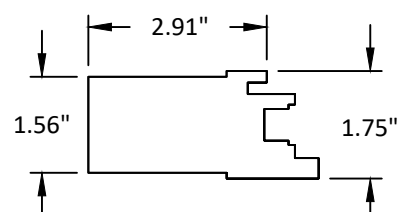


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|----------|-------------------|
| FL #:    | <b>FL46584</b>    |
| DATE:    | <b>10.16.2024</b> |
| DWG. BY: | <b>SH</b>         |
| CHK. BY: | <b>HFN</b>        |
| SCALE:   | <b>NTS</b>        |
| DWG. #:  | <b>RWD009</b>     |
| SHEET:   | <b>18</b>         |
| REV.     | <b>A</b>          |

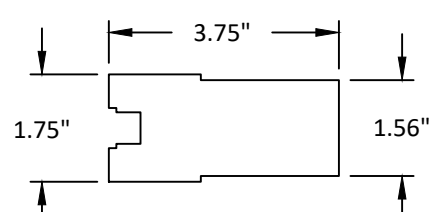
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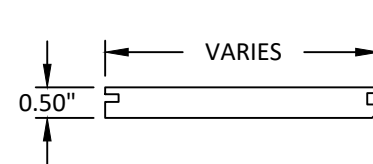
17 FLAT DOOR BOTTOM RAIL  
ACCOYA



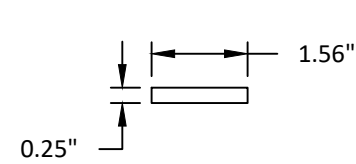
18 FLAT DOOR MEETING STILE  
ACCOYA



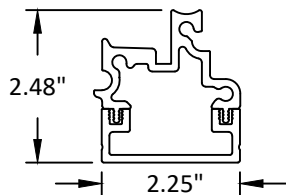
19 FLAT DOOR MEETING STILE  
ACCOYA



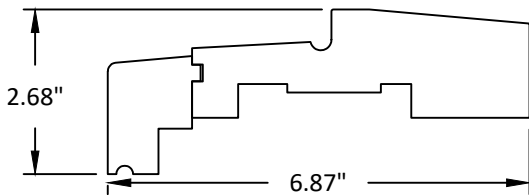
20 PLANK  
MAHOGANY



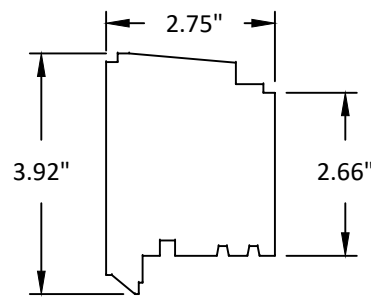
21 BLOCKING  
ACCOYA



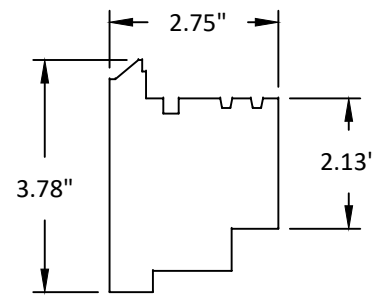
22 NON-THERMALLY BROKEN SILL  
BRASS



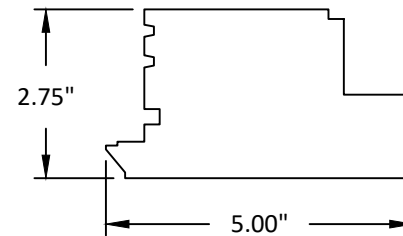
23 WOOD SILL  
MAHOGANY



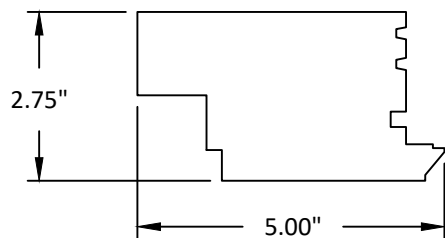
26 FIXED STILE/TOP RAIL  
MAHOGANY



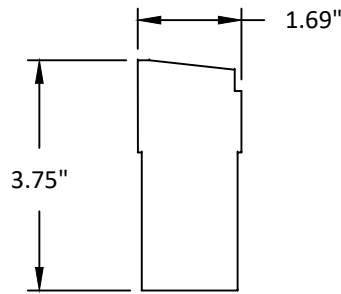
27 FIXED BOTTOM RAIL  
MAHOGANY



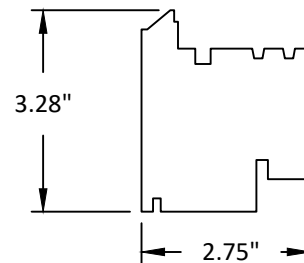
28 FIXED MEETING STILE  
MAHOGANY



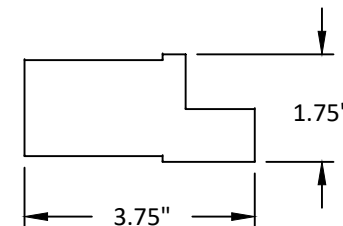
29 FIXED MEETING STILE  
MAHOGANY



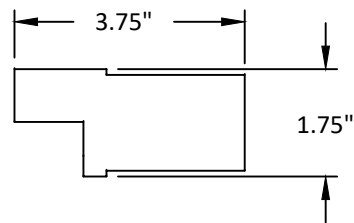
30 FLAT DOOR FIXED STILE/TOP RAIL  
ACCOYA



31 ALTERNATE BOTTOM RAIL  
MAHOGANY



32 FLAT DOOR FIXED MEETING STILE  
ACCOYA



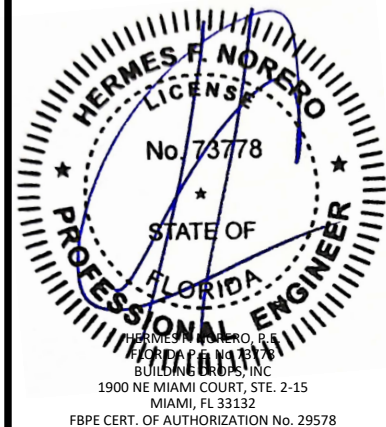
33 FLAT DOOR FIXED MEETING STILE  
ACCOYA

TITLE: RWD45 WOOD  
OUTSWING DOOR  
(WZ3) (IMPACT)  
COMPONENTS

PREPARED BY: BUILDING DROPS, INC.  
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| SH       | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | RWD009     |
| SHEET:   | REV.       |
| 19       | A          |
| OF 19    |            |