

# OLDCASTLE BUILDINGENVELOPE®

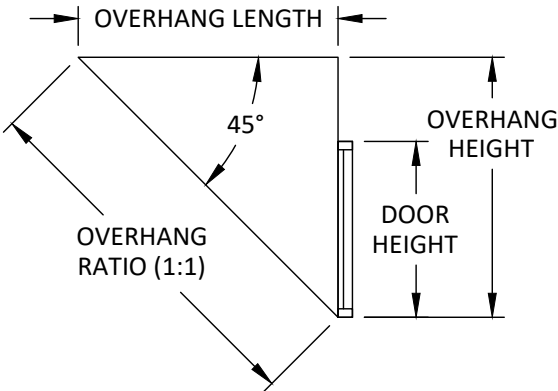
## NS-212, MS-375, & WS-500 ALUMINUM ENTRANCE DOOR (NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **EXCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- ASTM E283-19

• ASTM E330-14(21)
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. PROFILE MATERIALS: ALUMINUM 6063-T5/6063-T6.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAILS.

NOTE: PRODUCT HAS NOT BEEN RATED FOR WATER INFILTRATION. IF AUTHORITY HAVING JURISDICTION REQUIRES THAT PRODUCT MEETS THIS REQUIREMENT, PRODUCT SHALL BE USED WHEN INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT IS ≥1.0



| DESIGN RATING  |                                       |                 |                |                    |        |                     |                      |                   |                     |
|----------------|---------------------------------------|-----------------|----------------|--------------------|--------|---------------------|----------------------|-------------------|---------------------|
| DOOR TYPE      | DOOR FRAME                            | DESIGN PRESSURE | MISSILE RATING | DOOR OPENING WIDTH |        | DOOR OPENING HEIGHT | MAX. DOOR D.L.O.     | MAX. TRANSOM SIZE | MAX. TRANSOM D.L.O. |
|                |                                       |                 |                | SINGLE             | DOUBLE |                     |                      |                   |                     |
| NS-212         | FG-2000, FG-3000, 3000 MP, OR 6000 MP | +/- 35 PSF      | NON-IMPACT     | 36"                | 72"    | 84"                 | 30 9/16" X 75 15/16" | 76" X 26"         | 72" X 24"           |
| MS-375, WS-500 | FG-2000                               | +/- 50 PSF      |                | 36"                | 72"    | 84"                 | 27 5/16" X 71 3/16"  | 75 1/2" X 25 3/4" | 72" X 24"           |
| MS-375, WS-500 | FG-3000, 3000 MP, OR 6000 MP          | +/- 70 PSF      |                | 42"                | 84"    | 96"                 | 33 5/16" X 83 3/16"  | 88" X 26"         | 84" X 24"           |

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OLDCASTLE BUILDINGENVELOPE®  
8655 ELM FAIR BLVD.  
TAMPA, FL 33610  
PH: (972) 551-6100

TITLE:  
NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)  
GENERAL NOTES &  
DESIGN RATING

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



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| A. 2026 FBC UPDATE | MS | 7/29/2026 |
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Reason: I am approving this document  
Date: 2026.08.21 13:29:07 -0400'



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

FL #:  
**FL17692**

DATE:  
**06.04.2025**

DWG. BY:  
**MS**

CHK. BY:  
**HFN**

SCALE:  
**NTS**

DWG. #:  
**OBE013**

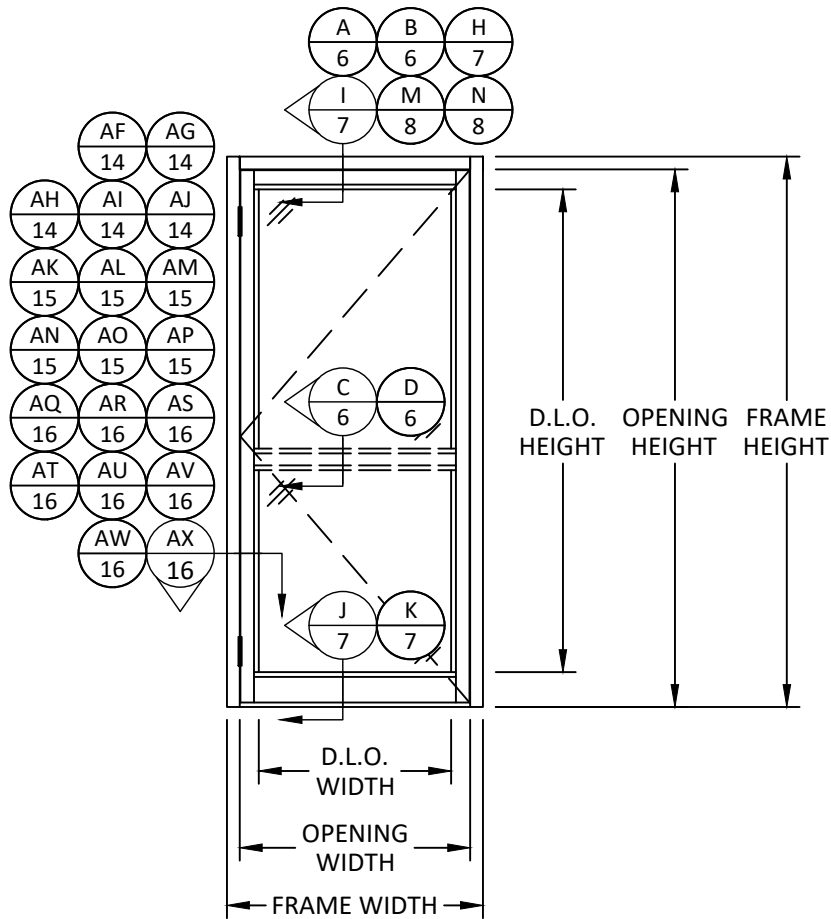
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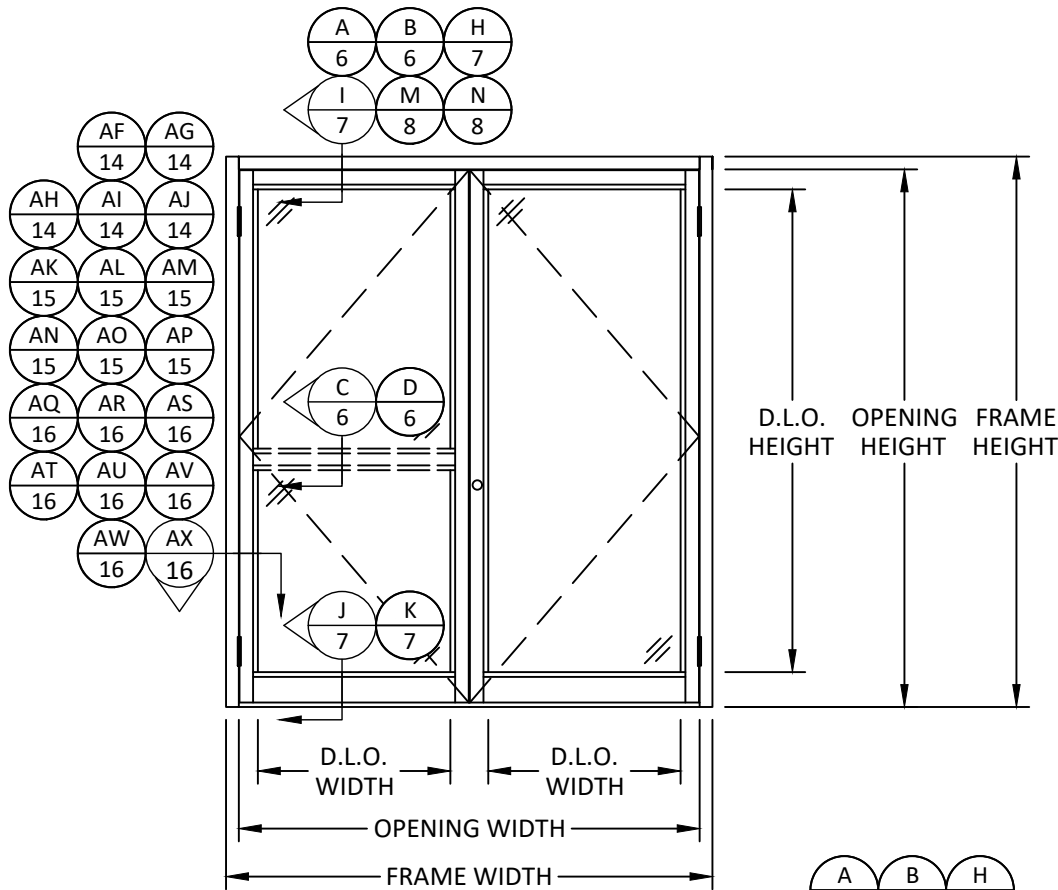
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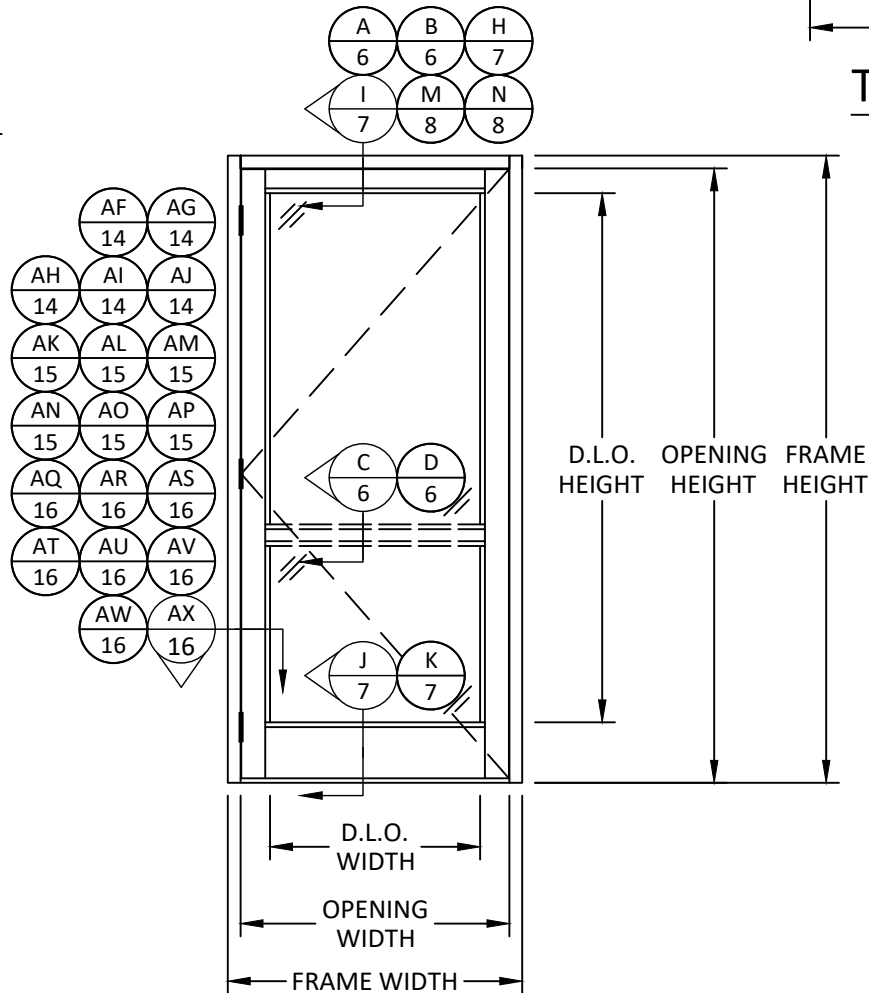
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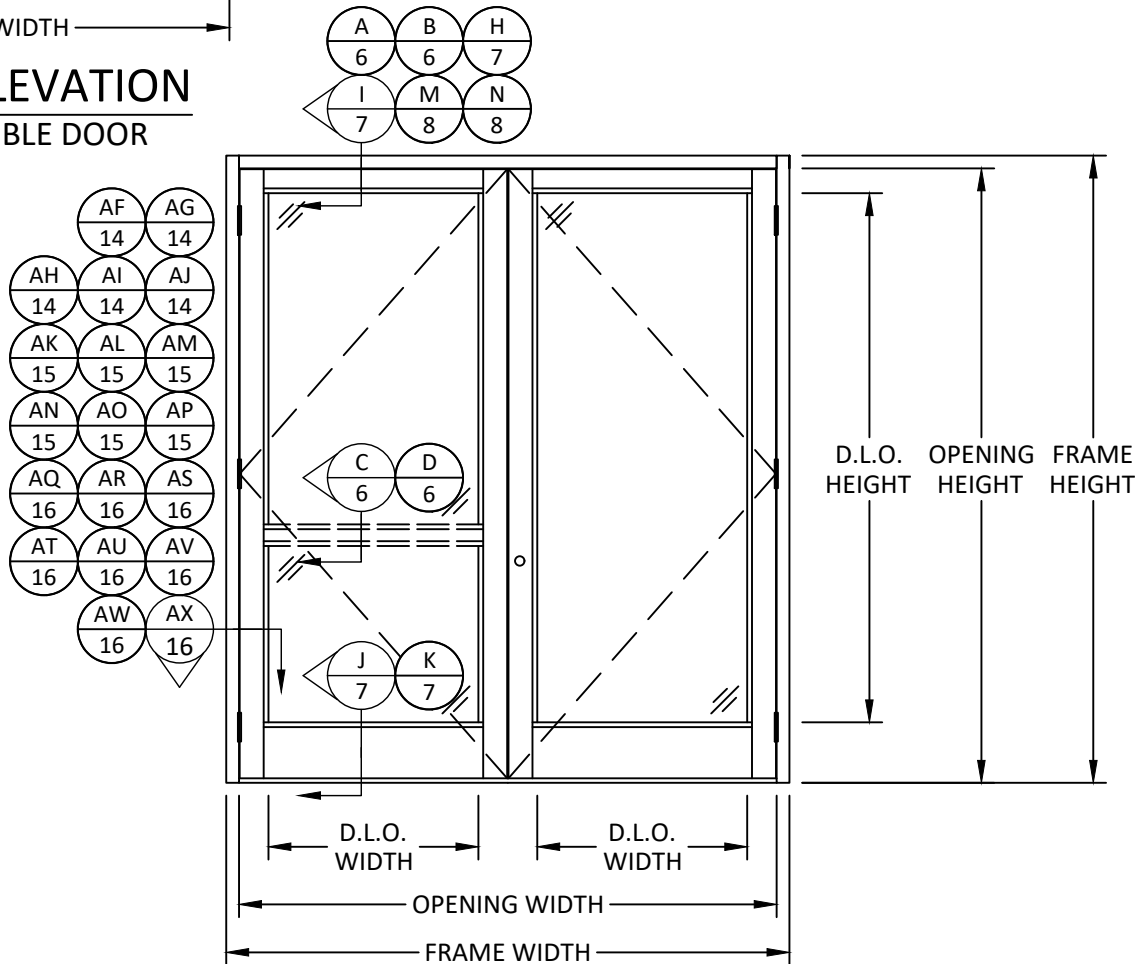
**TYPICAL ELEVATION**  
NS-212 SINGLE DOOR



**TYPICAL ELEVATION**  
NS-212 DOUBLE DOOR



**TYPICAL ELEVATION**  
MS-375/WS-500 SINGLE DOOR



**TYPICAL ELEVATION**  
MS-375/WS-500 DOUBLE DOOR



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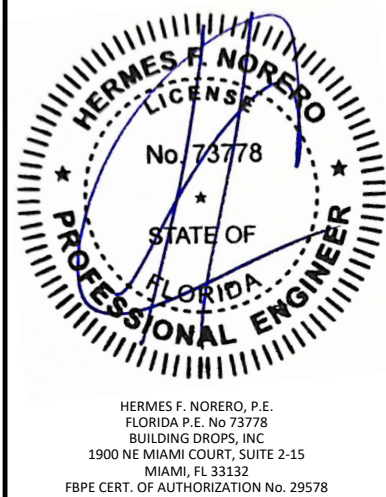
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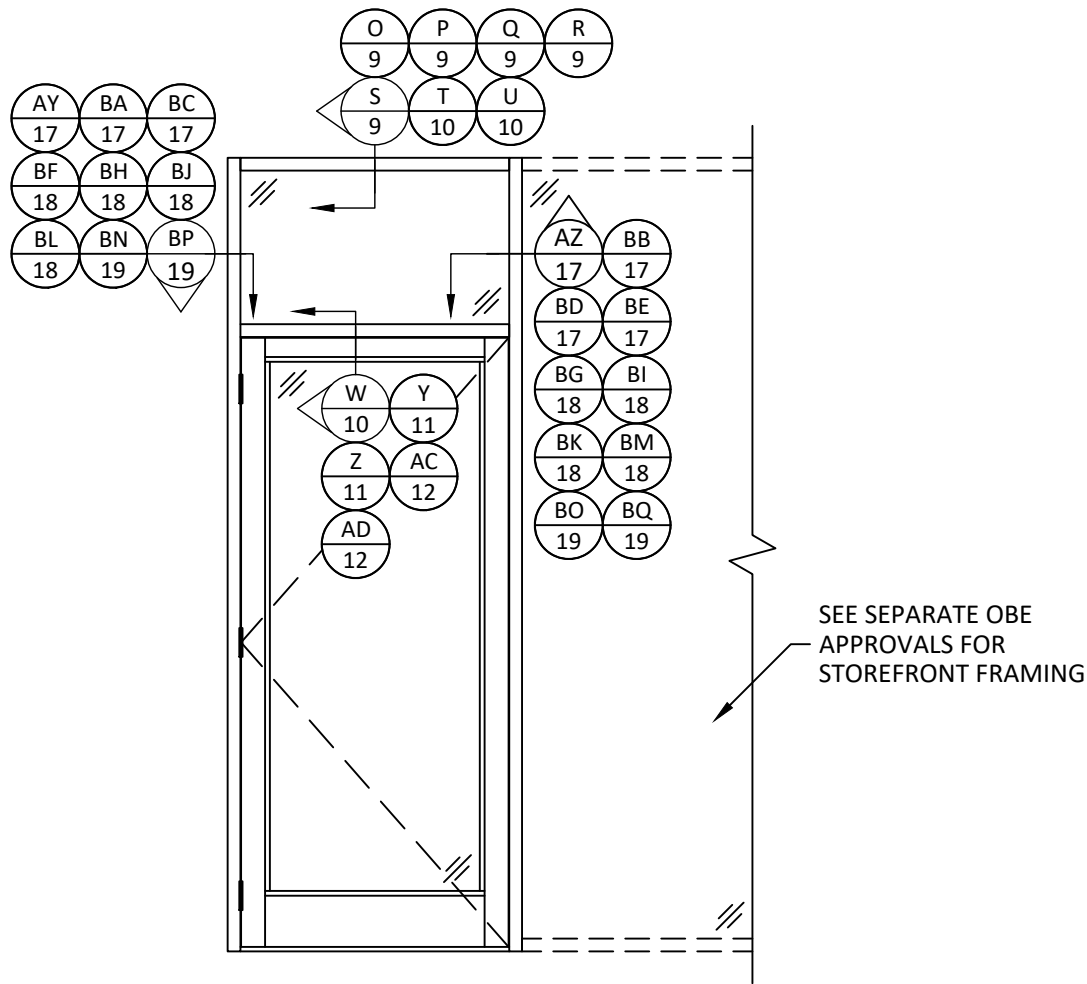
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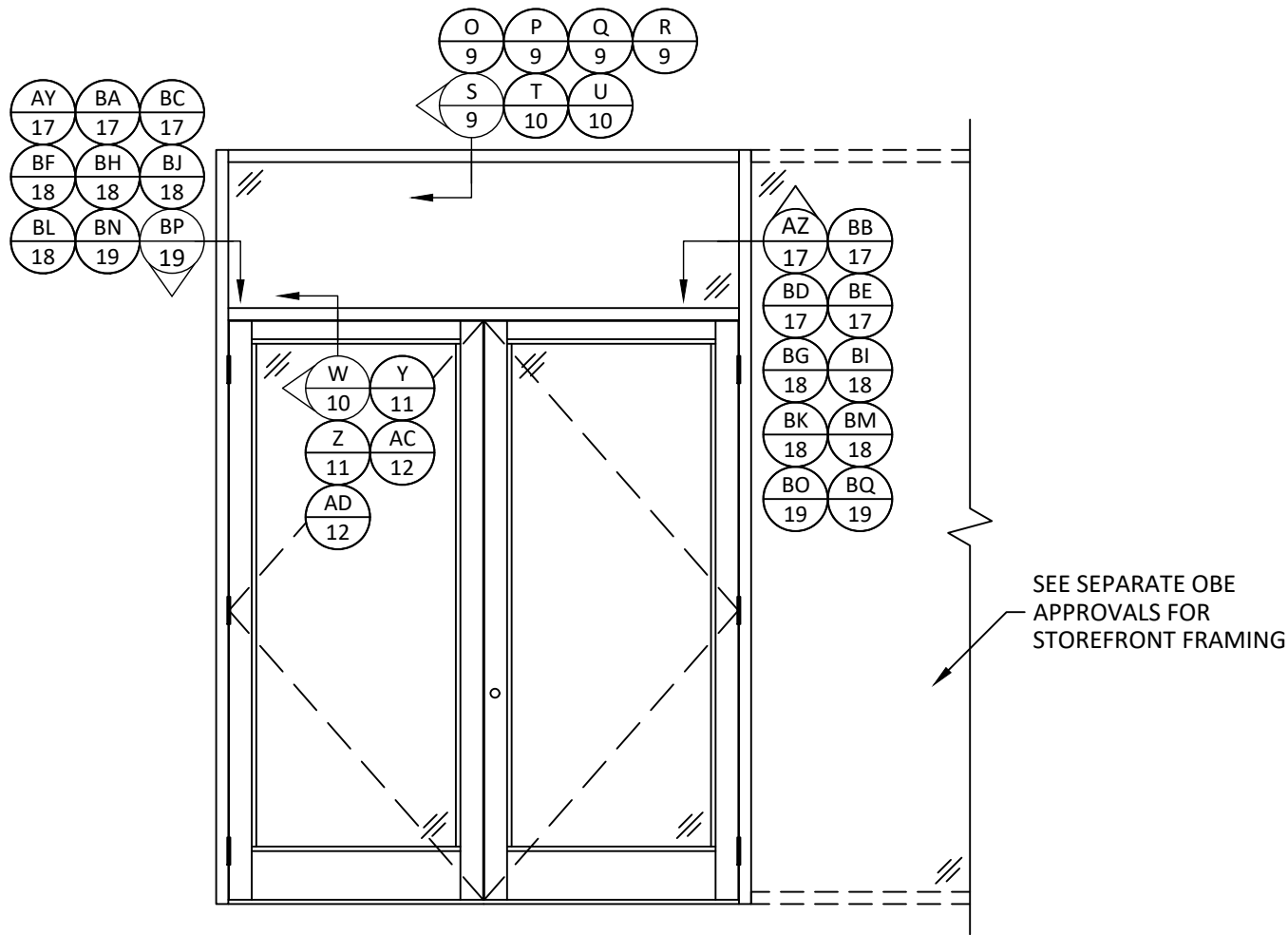


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TYPICAL ELEVATION  
SINGLE DOOR W/ TRANSOM AND SIDELITE



TYPICAL ELEVATION  
DOUBLE DOOR W/ TRANSOM AND SIDELITE



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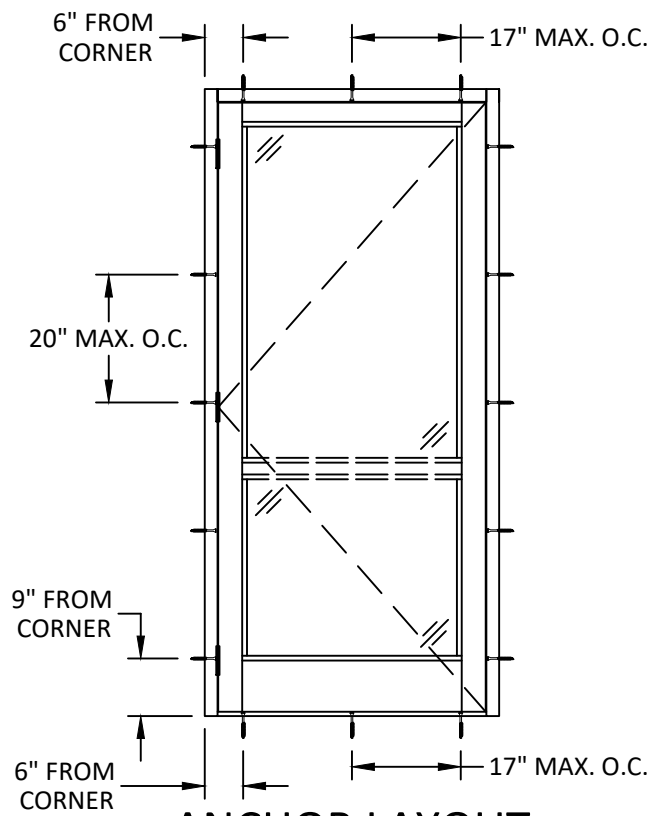
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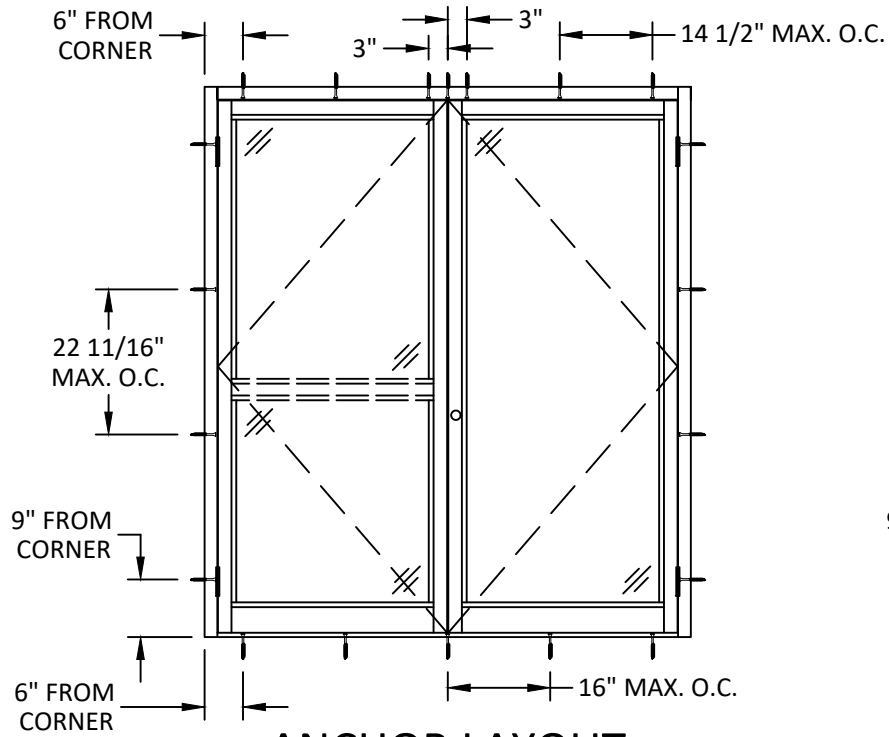
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FBPE CERT. OF AUTHORIZATION No. 29578

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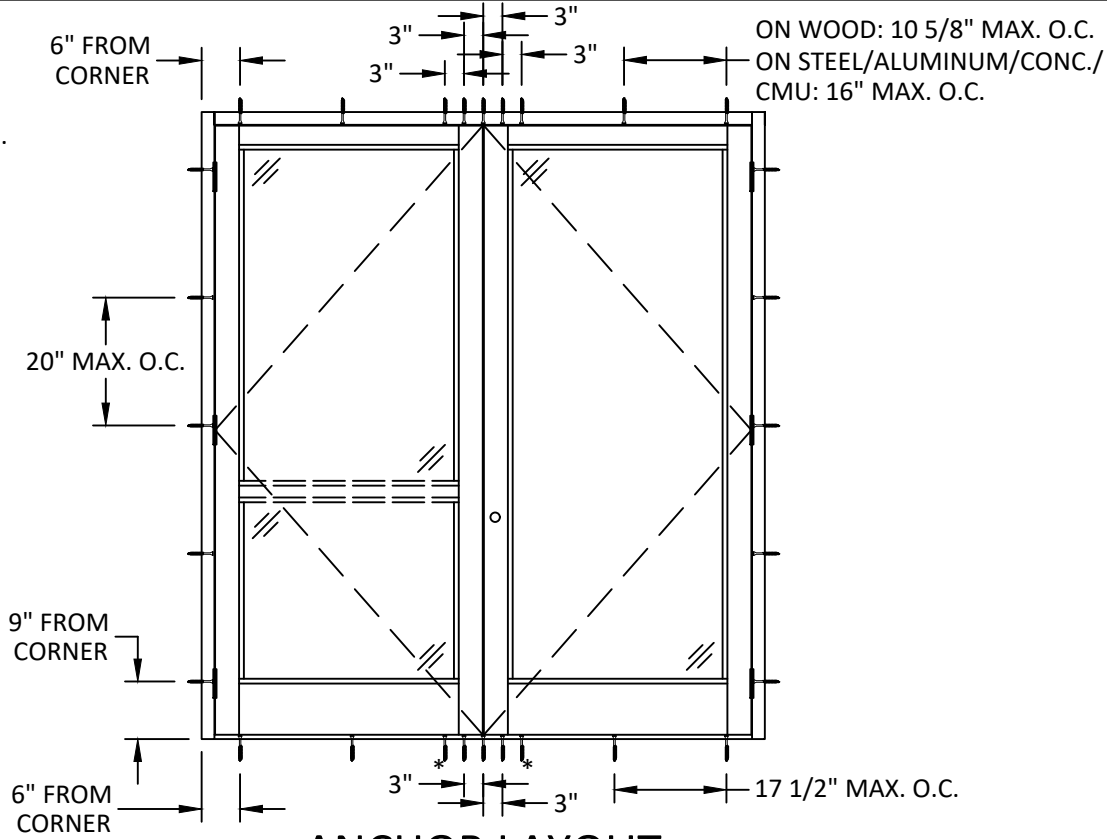
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ANCHOR LAYOUT  
SINGLE DOOR

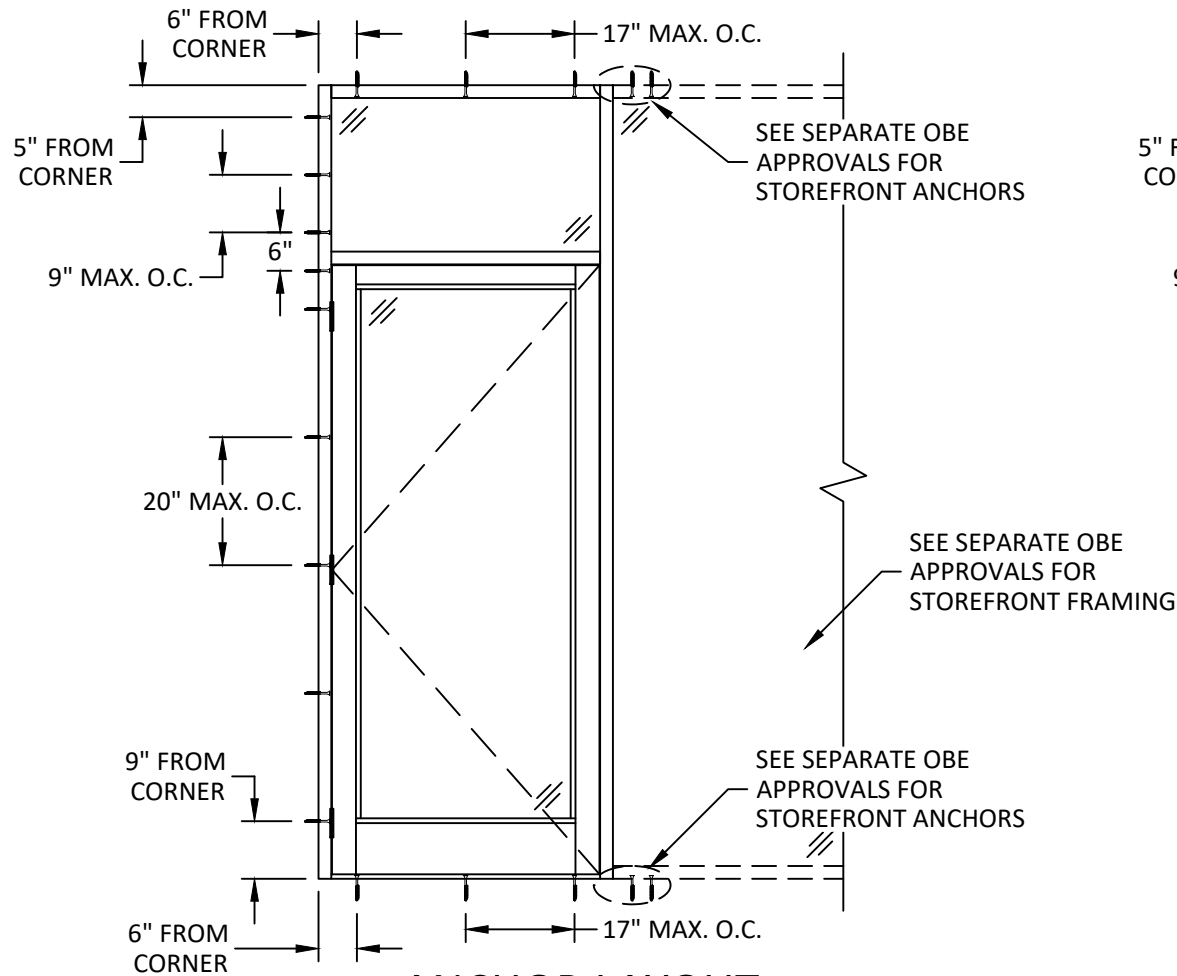


ANCHOR LAYOUT  
DOUBLE DOOR, DP35 & DP50

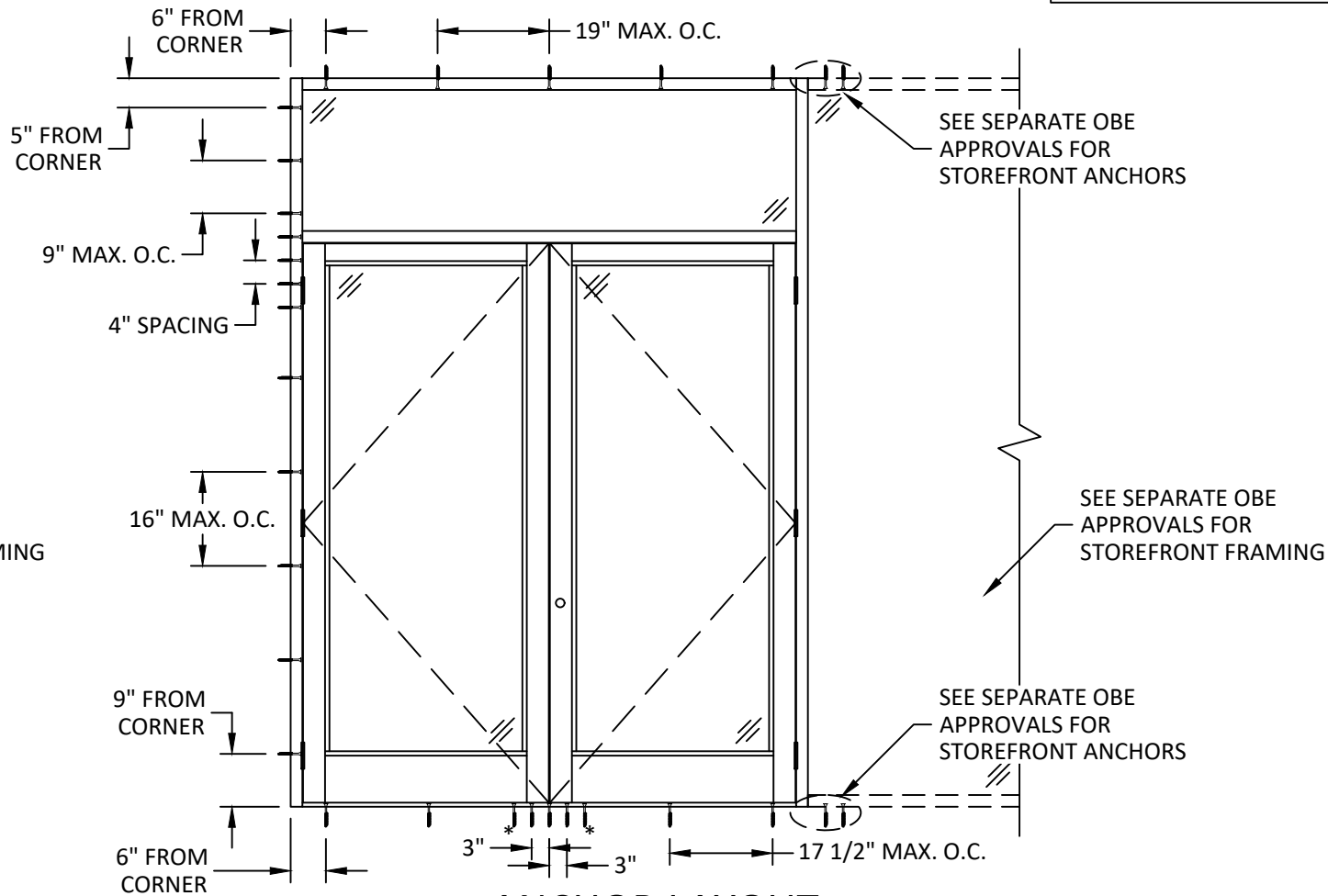


ANCHOR LAYOUT  
DOUBLE DOOR, DP70

\* ADDITIONAL SILL ANCHORS  
ON WOOD SUBSTRATE ONLY.



ANCHOR LAYOUT  
SINGLE DOOR W/ TRANSOM AND SIDELITE



ANCHOR LAYOUT  
DOUBLE DOOR W/ TRANSOM AND SIDELITE



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ANCHOR LAYOUTS

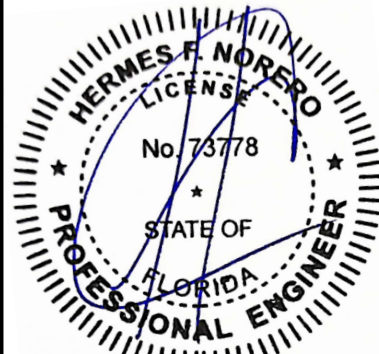
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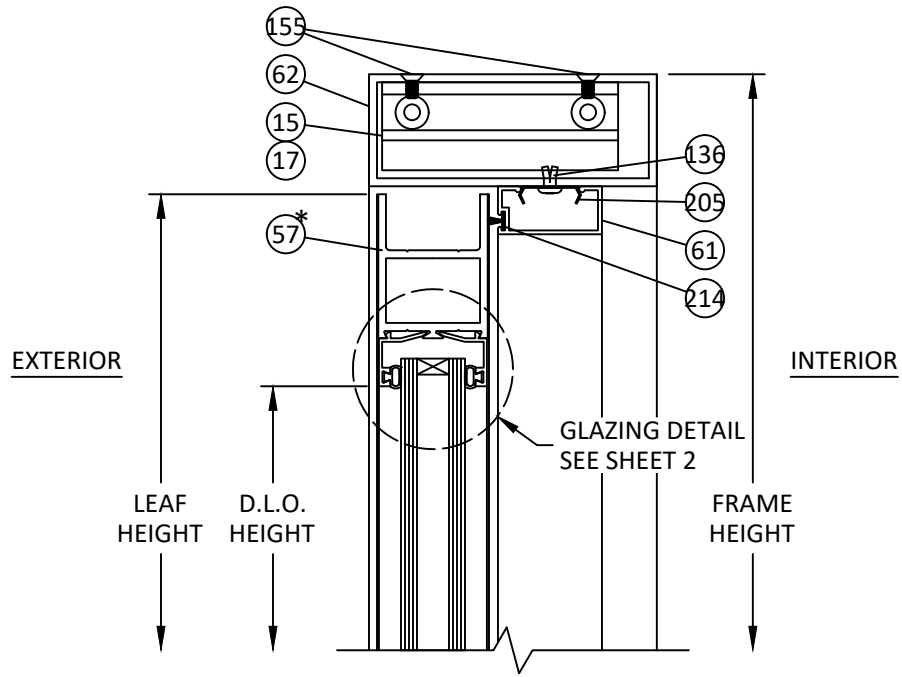
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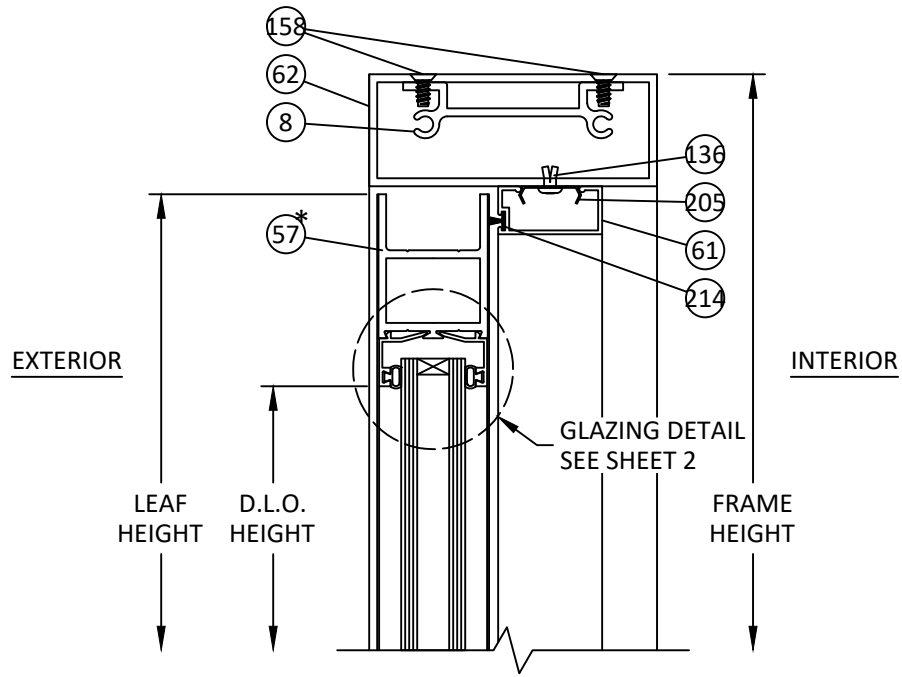


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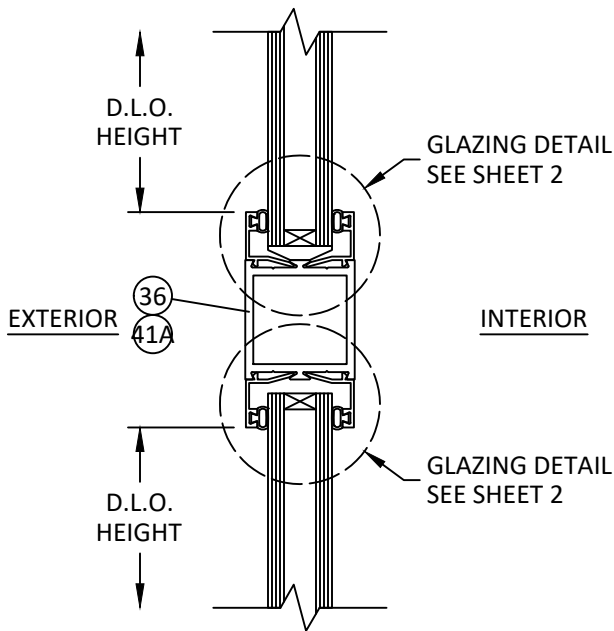


**A**  
**6** VERTICAL SECTION  
DOOR HEAD  
FG-2000 FRAMING

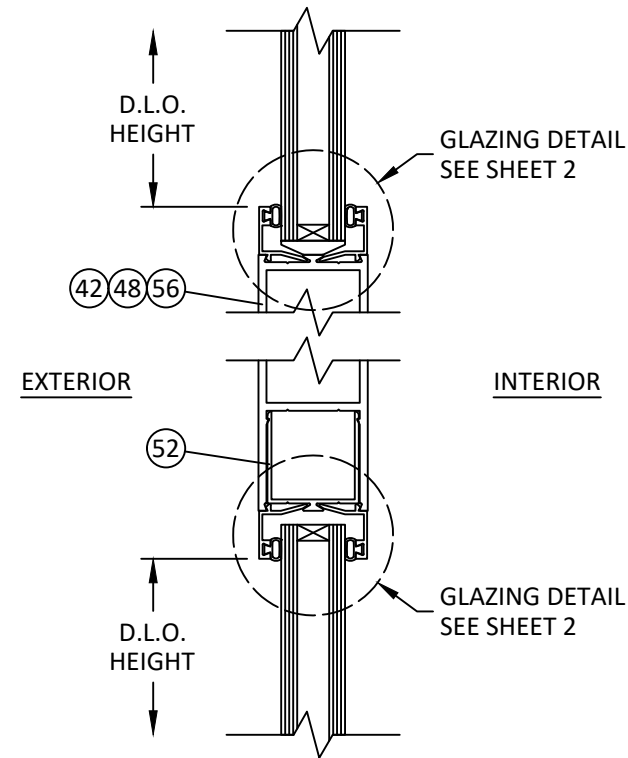


**B**  
**6** VERTICAL SECTION  
DOOR HEAD  
FG-2000 FRAMING

\* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



**C**  
**6** VERTICAL SECTION  
MID-RAIL



**D**  
**6** VERTICAL SECTION  
MID-RAIL



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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

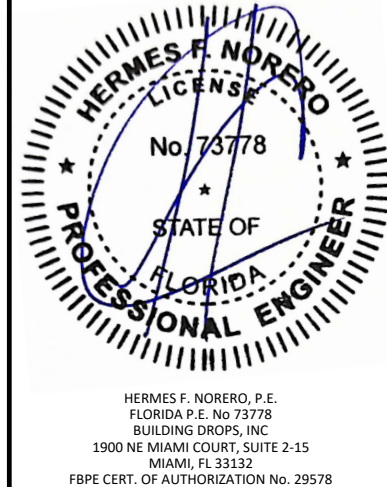
VERTICAL SECTIONS

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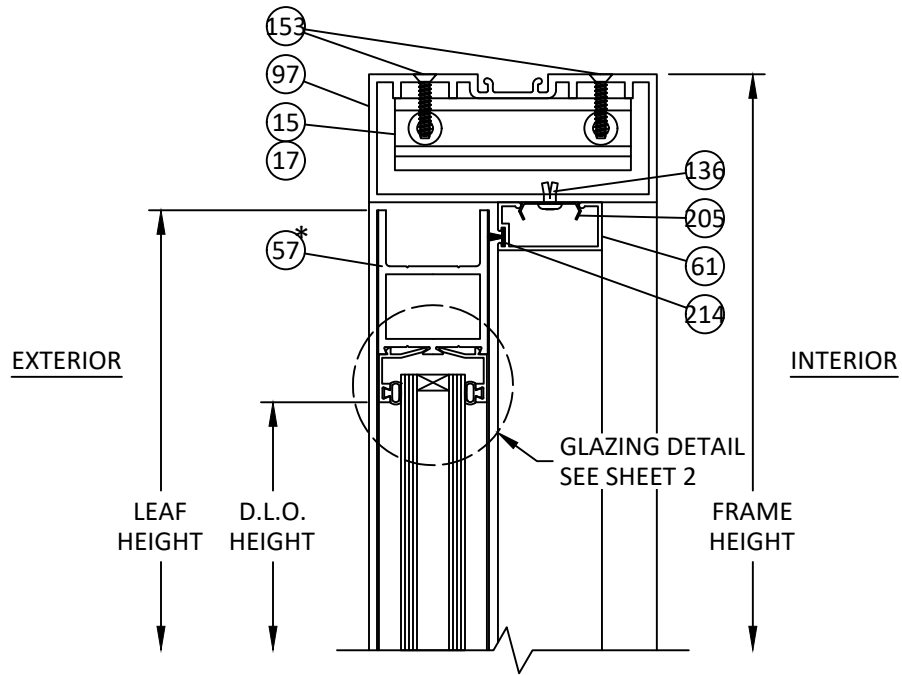


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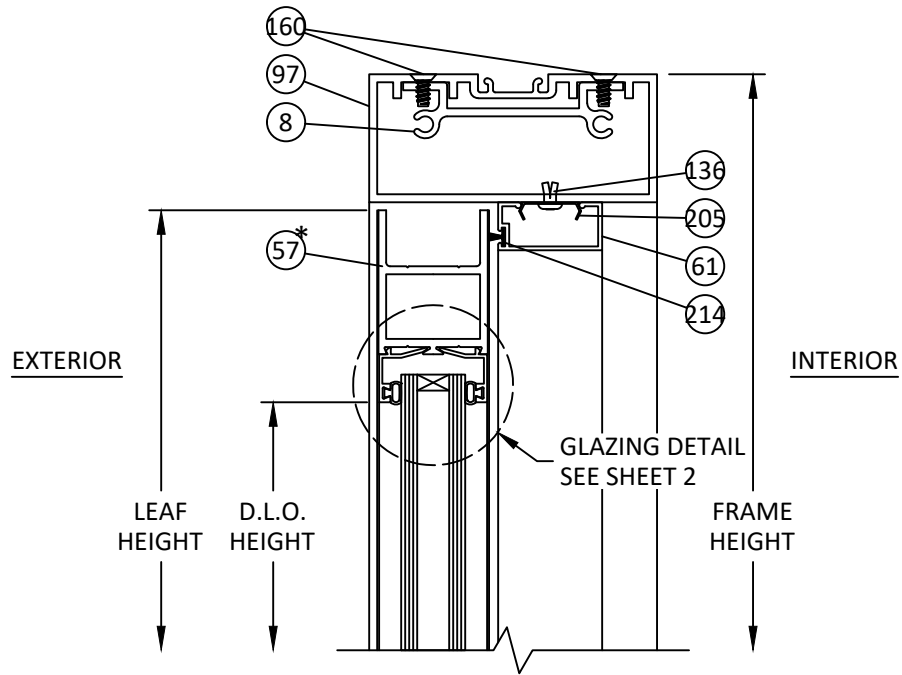
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| DWG. BY: | MS         |
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| SCALE:   | NTS        |
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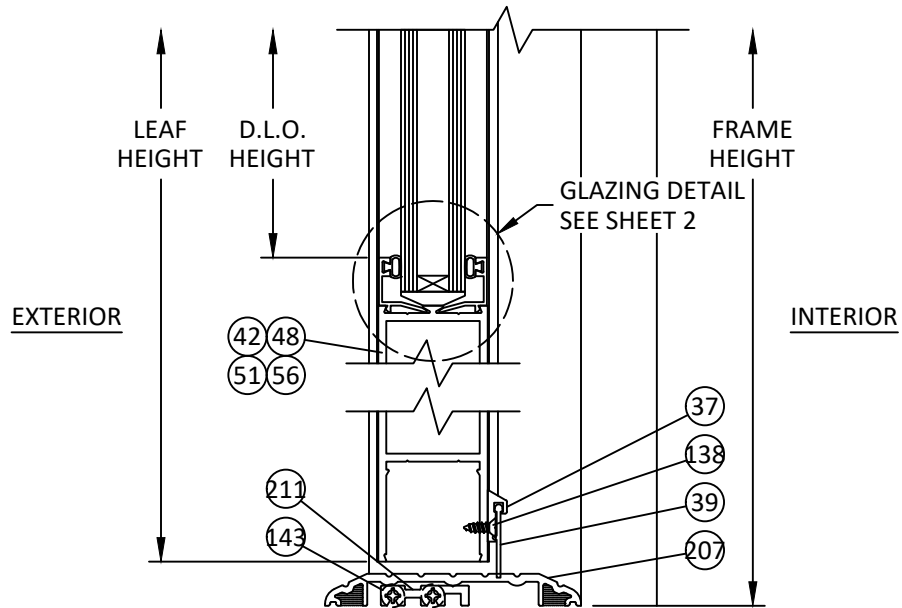


**H**  
**7** VERTICAL SECTION  
DOOR HEAD  
FG-3000 FRAMING

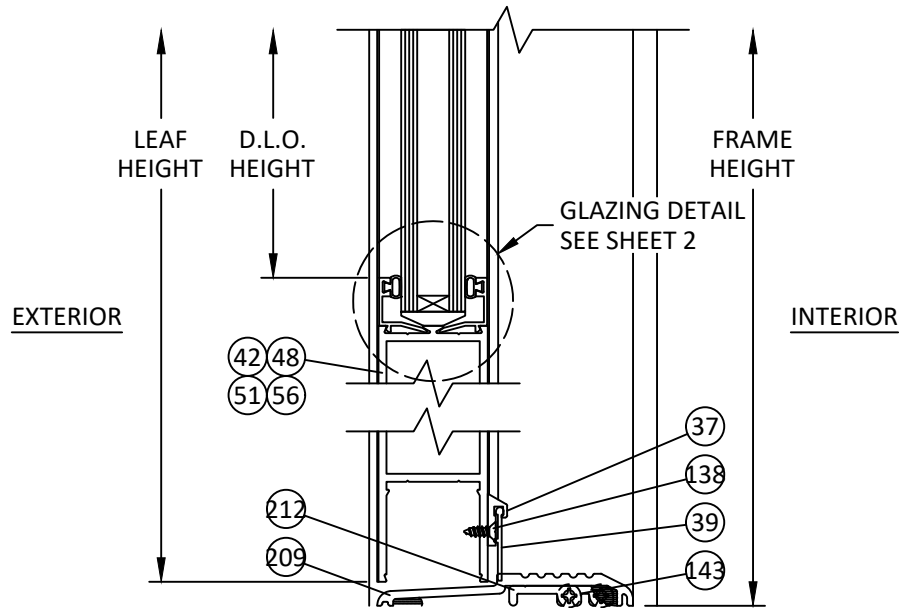


**I**  
**7** VERTICAL SECTION  
DOOR HEAD  
FG-3000 FRAMING

\* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



**J**  
**7** VERTICAL SECTION  
DOOR SILL



**K**  
**7** VERTICAL SECTION  
DOOR SILL

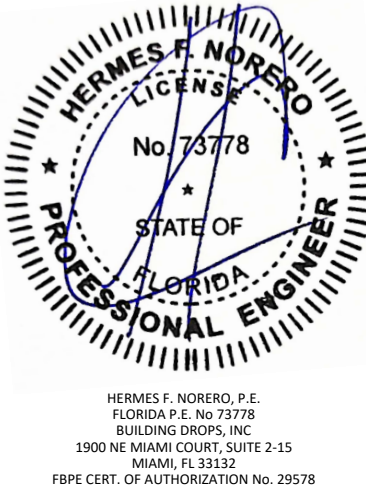


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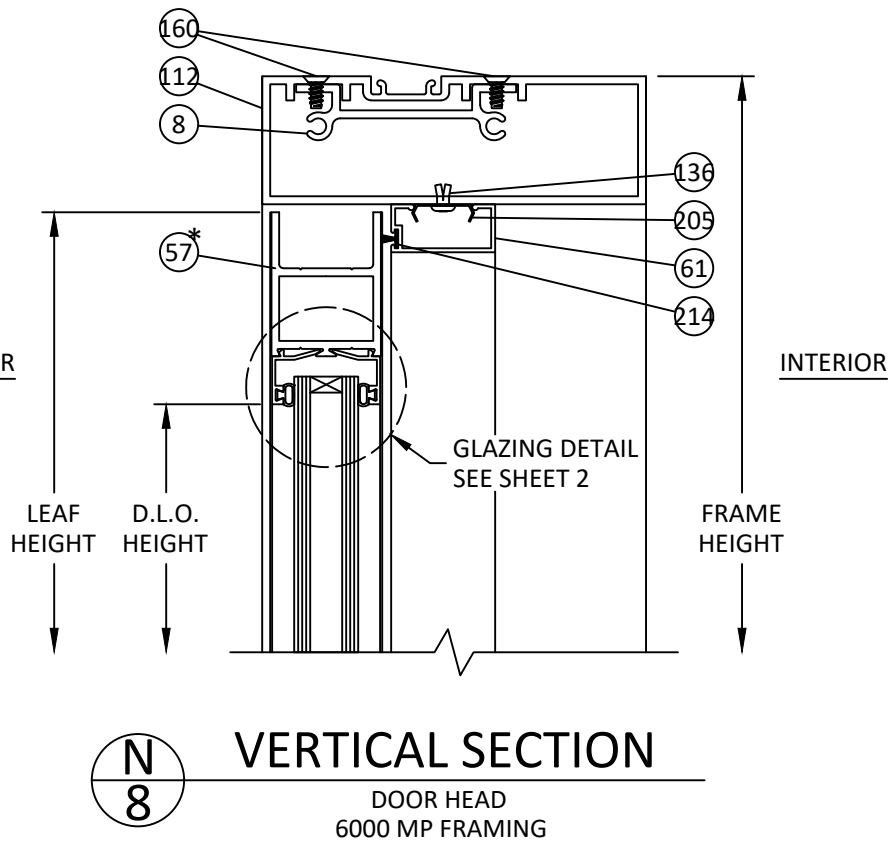
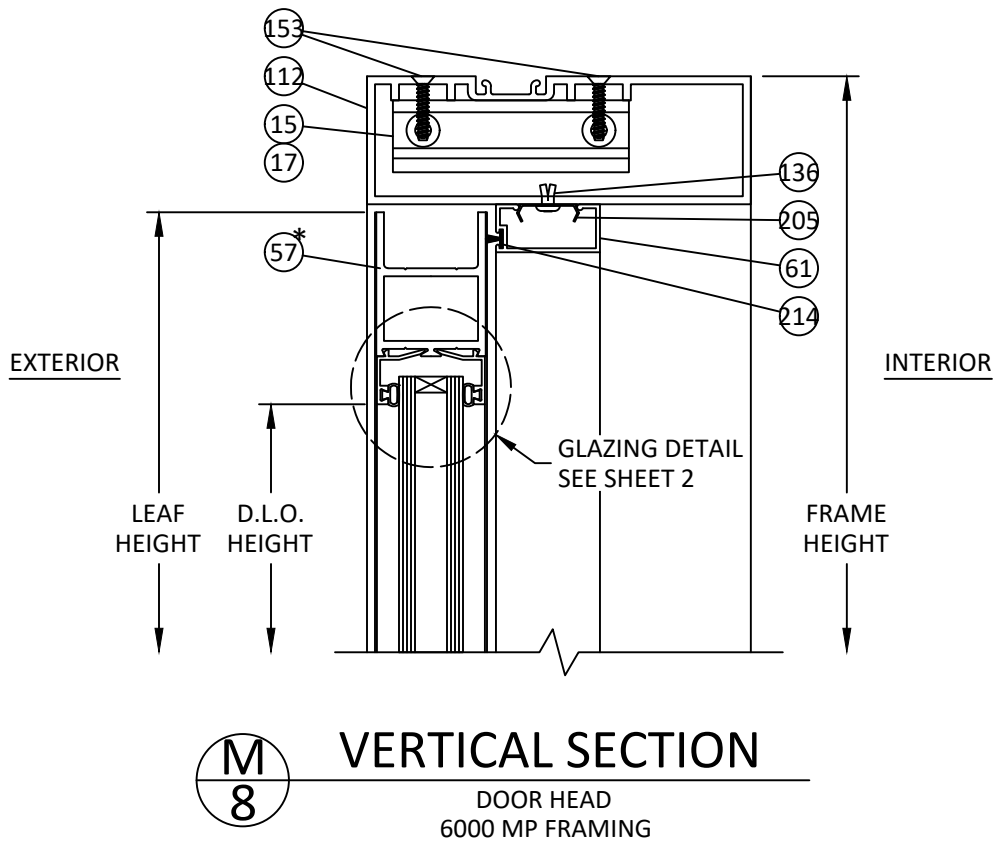
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\* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



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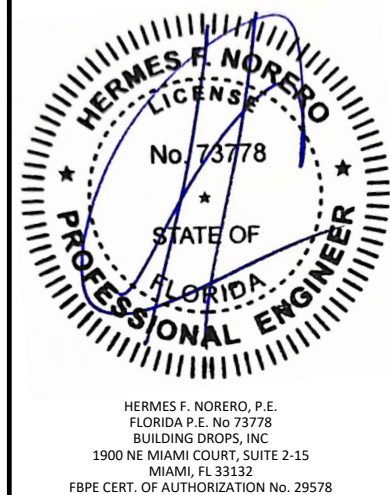
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**BD**  
BUILDING DROPS

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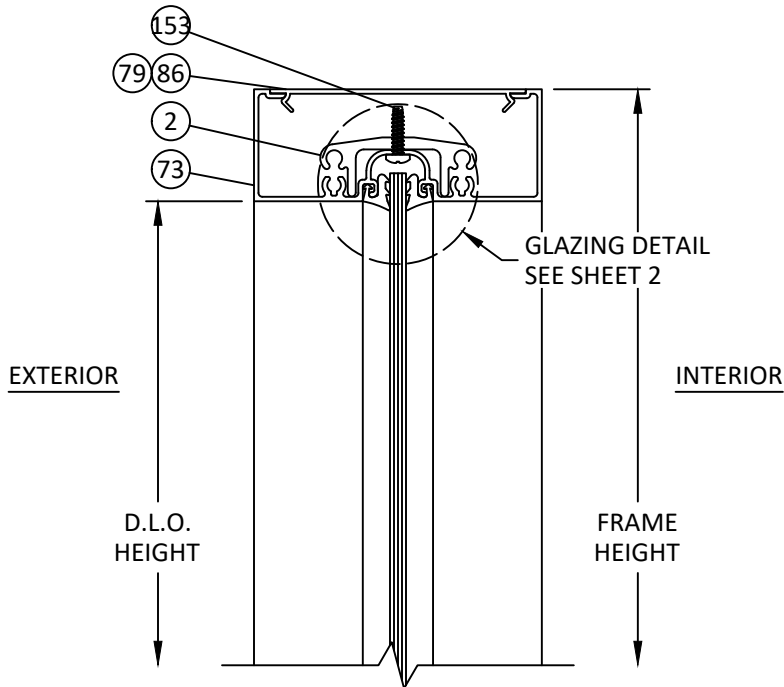
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



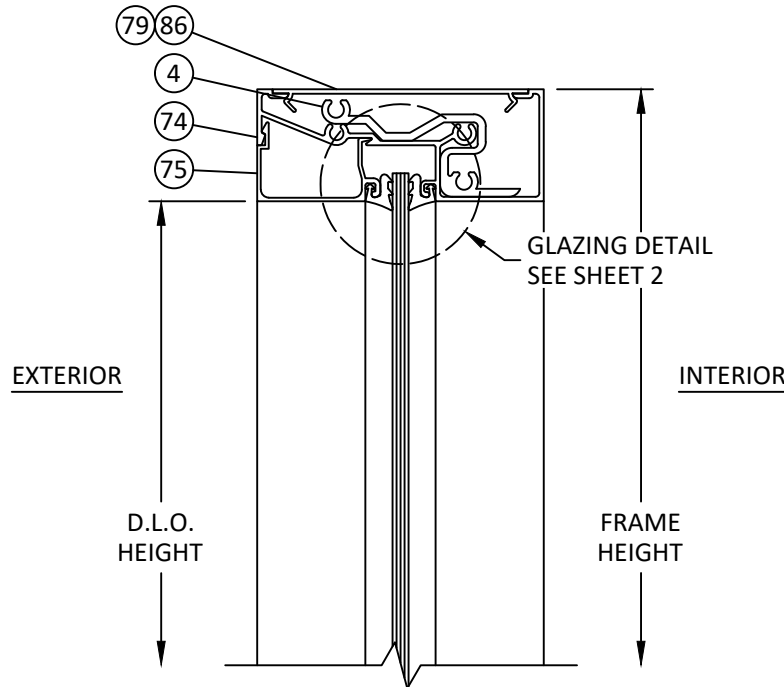
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FLORIDA P.E. No. 73778  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

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| FL #:    | FL17692    |
| DATE:    | 06.04.2025 |
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| MS       | HFN        |
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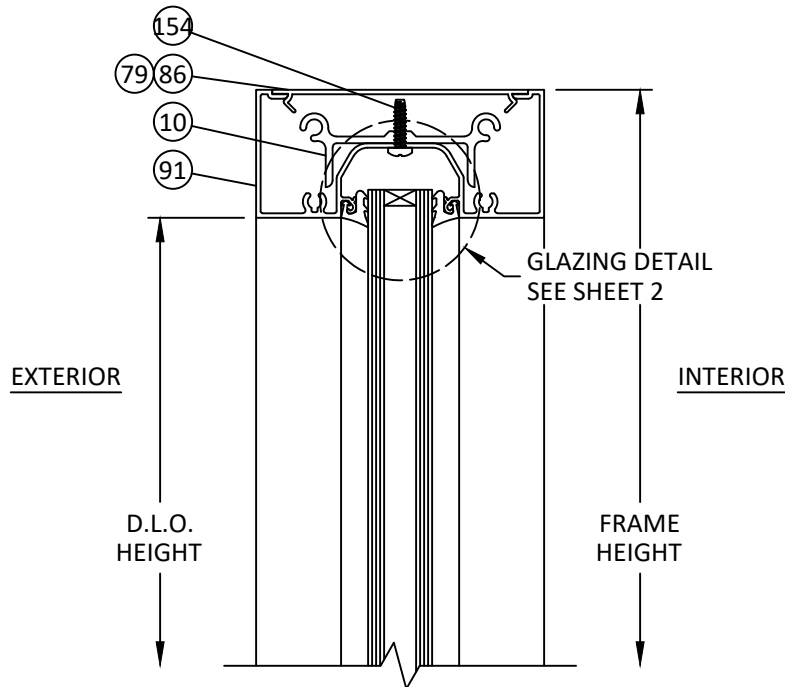
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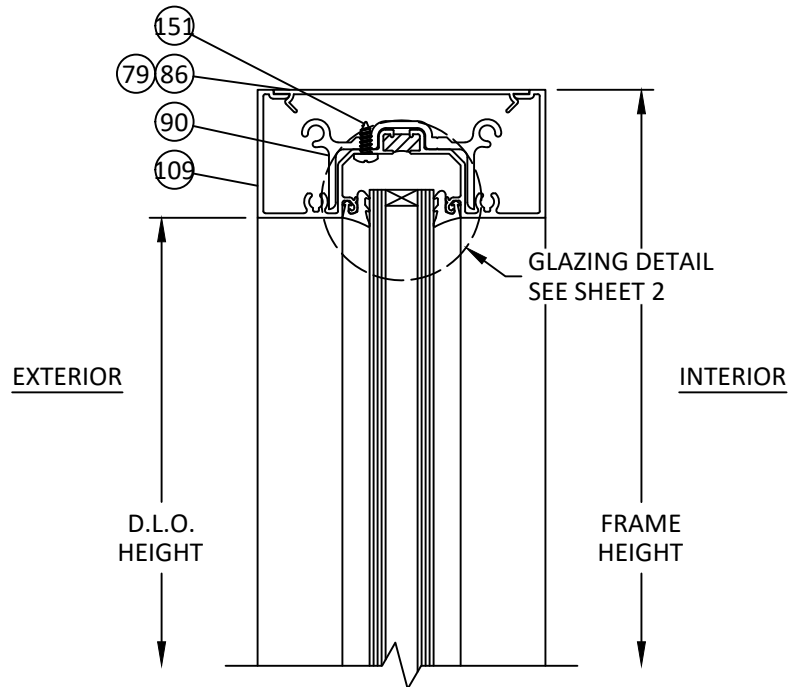
**O**  
**9** VERTICAL SECTION  
TRANSOM HEAD  
FG-2000 FRAMING



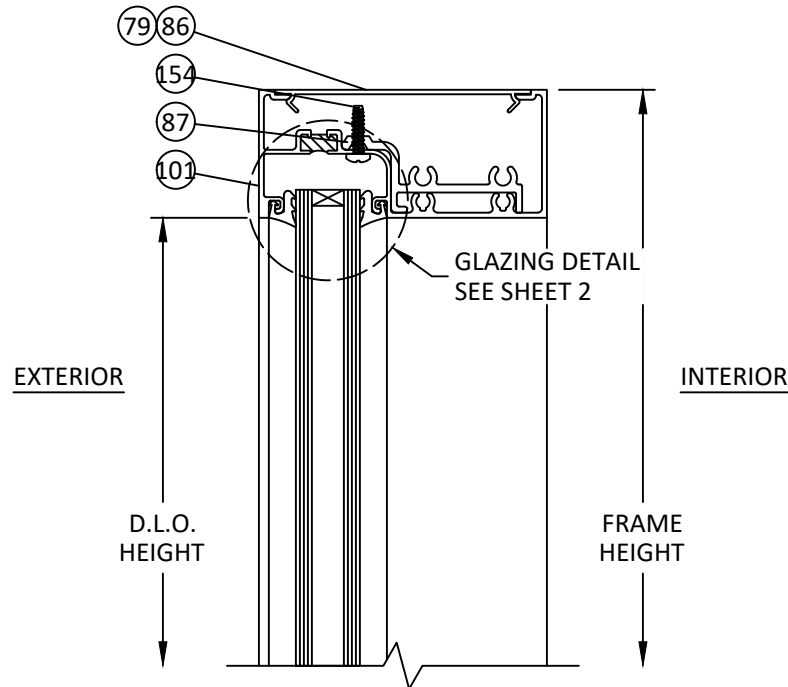
**P**  
**9** VERTICAL SECTION  
TRANSOM HEAD  
FG-2000 FRAMING



**Q**  
**9** VERTICAL SECTION  
TRANSOM HEAD  
FG-3000 FRAMING



**R**  
**9** VERTICAL SECTION  
TRANSOM HEAD  
3000 MP FRAMING - CS



**S**  
**9** VERTICAL SECTION  
TRANSOM HEAD  
3000 MP FRAMING - FS/BS



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PH: (972) 551-6100

TITLE: NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

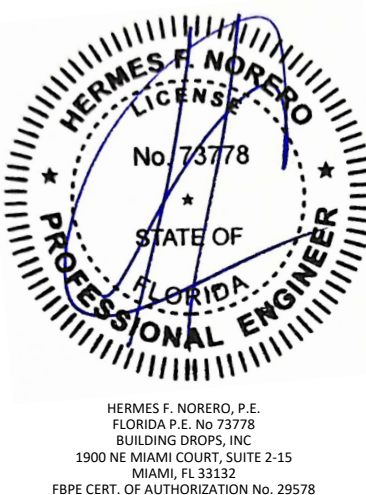
VERTICAL SECTIONS

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MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com

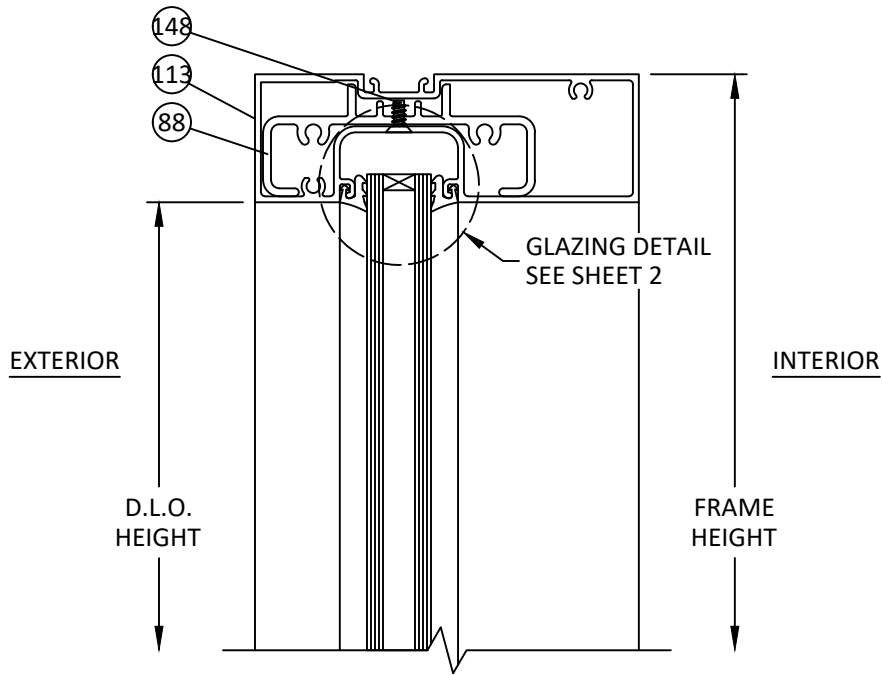


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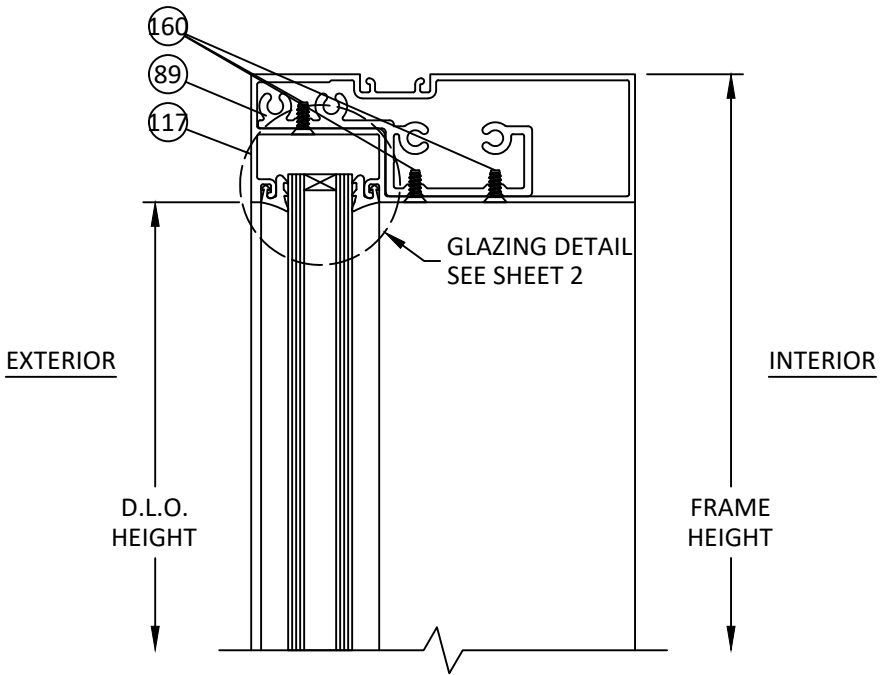
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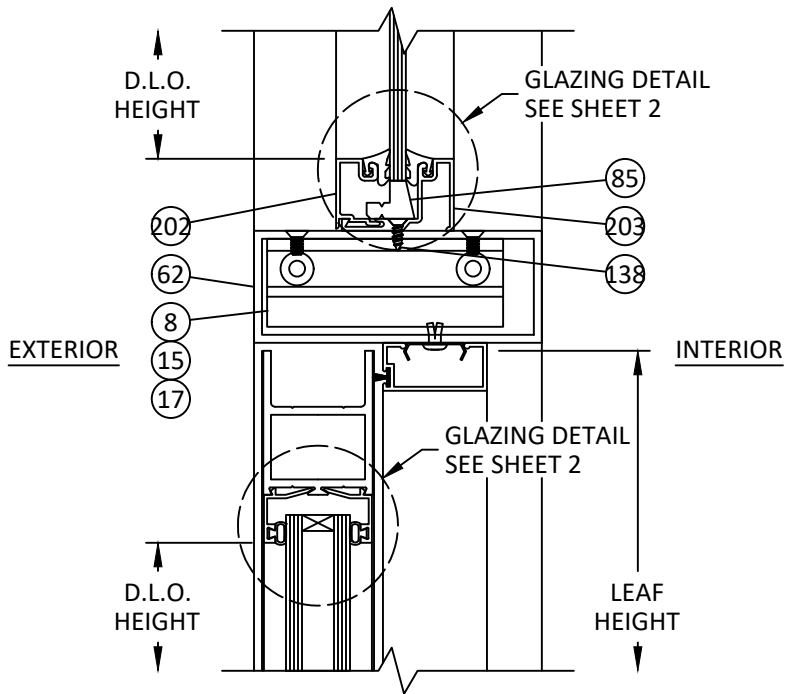


**T**  
**10** VERTICAL SECTION  
TRANSOM HEAD  
6000 MP FRAMING - CS



**U**  
**10** VERTICAL SECTION  
TRANSOM HEAD  
6000 MP FRAMING - FS/BS

\* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



**W**  
**10** VERTICAL SECTION  
DOOR HEAD W/ TRANSOM  
FG-2000 FRAMING

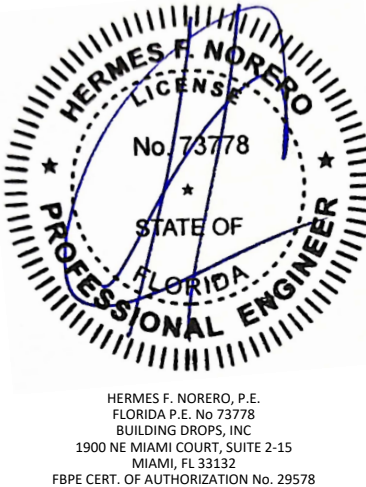


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TITLE: NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)  
VERTICAL SECTIONS  
PREPARED BY: BUILDING DROPS, INC.  
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MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com  
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BUILDING DROPS

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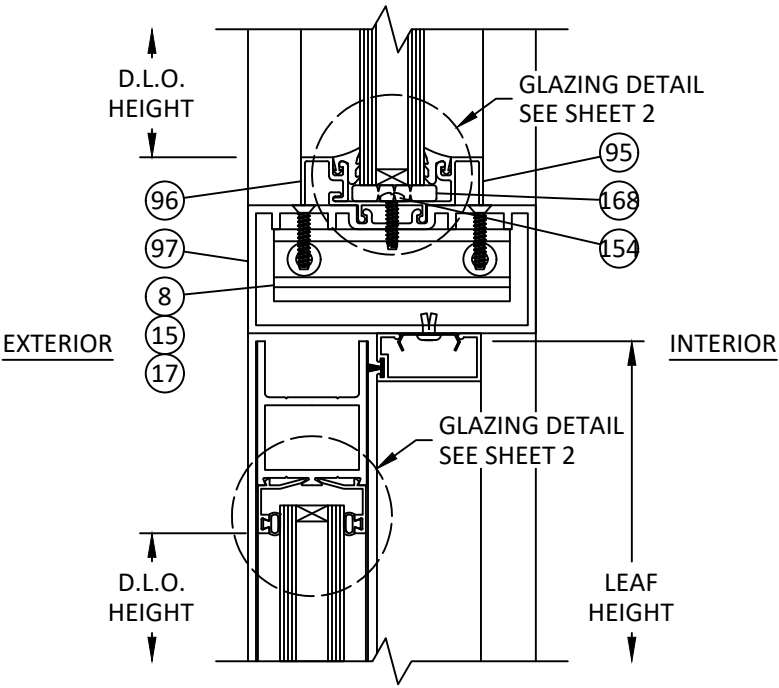
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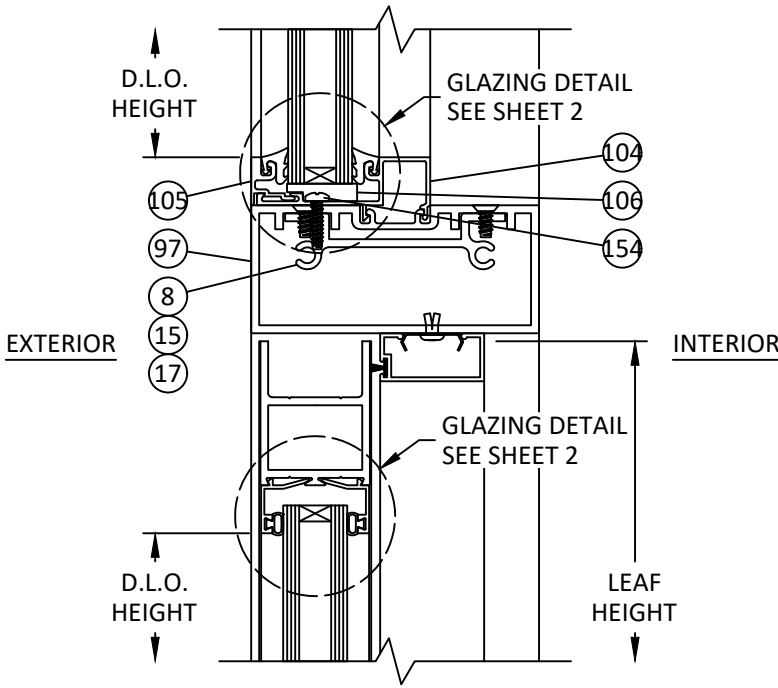
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FLORIDA P.E. No. 73778  
BUILDING DROPS, INC  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
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| FL #:    | FL17692    |
| DATE:    | 06.04.2025 |
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**Y**  
**11** VERTICAL SECTION  
DOOR HEAD W/ TRANSOM  
FG-3000 / 3000 MP CS FRAMING



**Z**  
**11** VERTICAL SECTION  
DOOR HEAD W/ TRANSOM  
3000 MP FRAMING - FS/BS

\* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

VERTICAL SECTIONS

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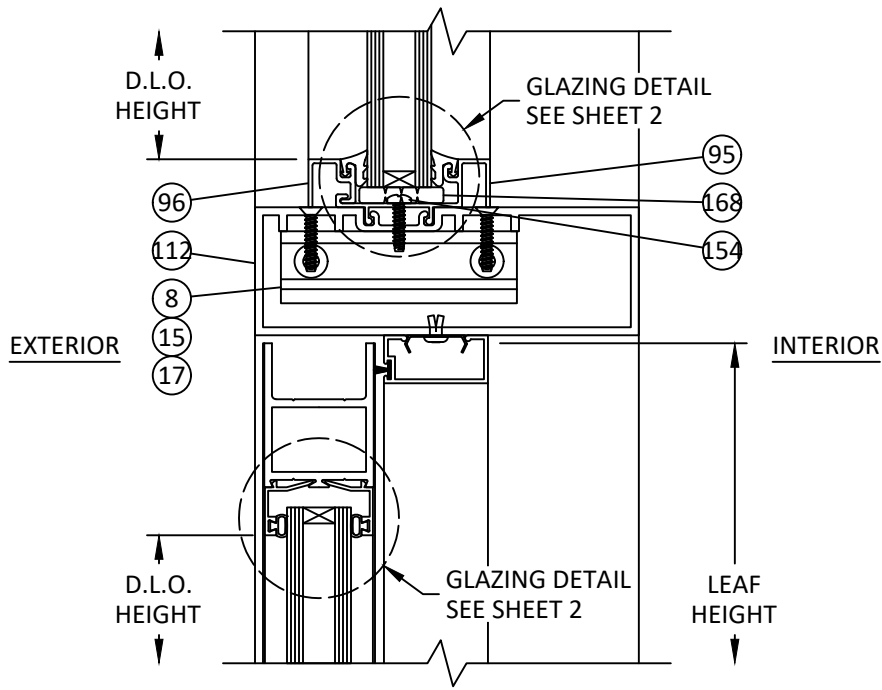
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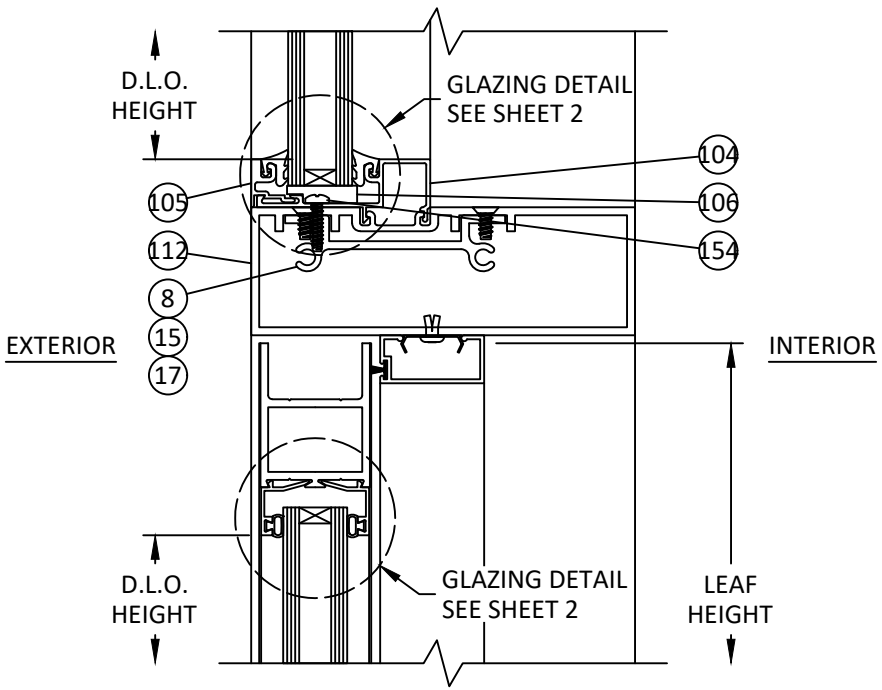
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| FL #:    | FL17692    |
| DATE:    | 06.04.2025 |
| DWG. BY: | CHK. BY:   |
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**AC 12** VERTICAL SECTION  
DOOR HEAD W/ TRANSOM  
6000 MP FRAMING - CS



**AD 12** VERTICAL SECTION  
DOOR HEAD W/ TRANSOM  
6000 MP FRAMING - FS/BS

\* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



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(NON-HVHZ) (NON-IMPACT)

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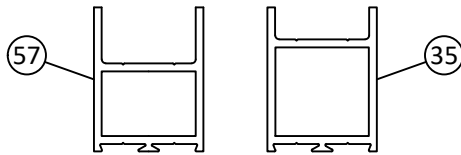
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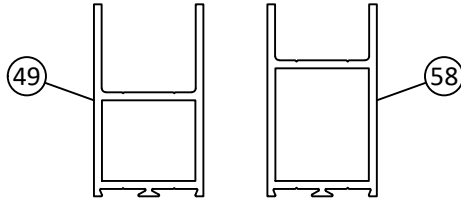
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| SHEET:   | REV. A     |

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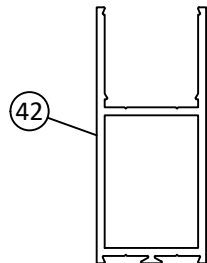
# RAIL OPTIONS



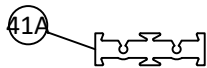
NS-212 TOP RAIL



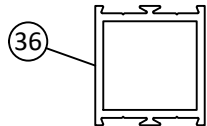
MS-375 TOP RAIL



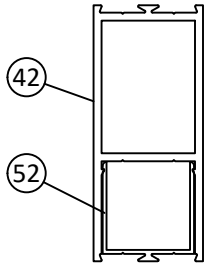
WS-500 TOP RAIL



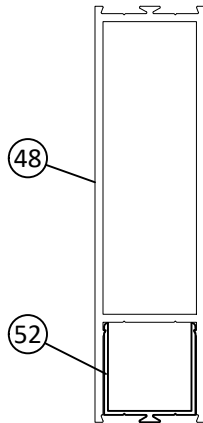
1/2" MID-RAIL  
MAX. 36" WIDE DOOR LEAF



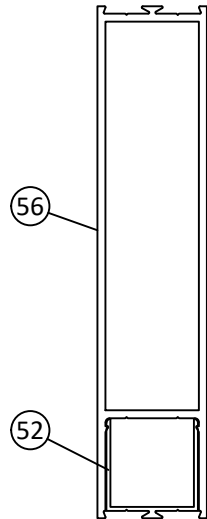
1 7/8" MID-RAIL



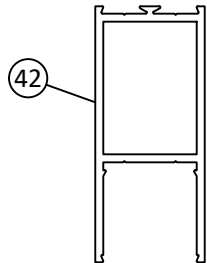
4" MID-RAIL



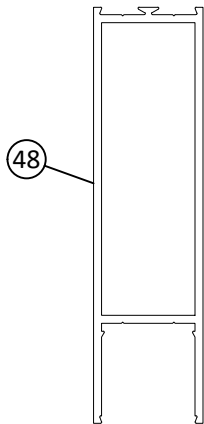
6 1/2" MID-RAIL



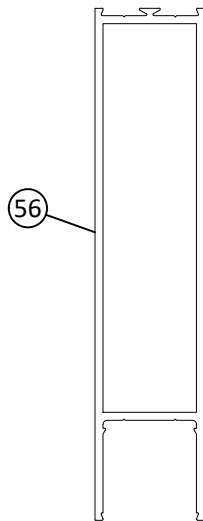
8" MID-RAIL



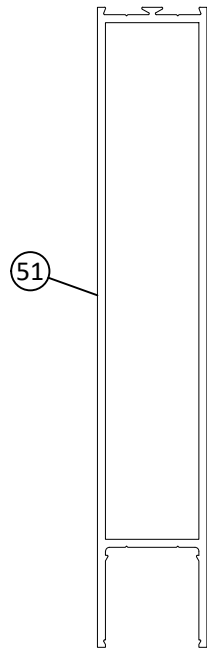
4" BOTTOM RAIL



6 1/2" BOTTOM RAIL



8" BOTTOM RAIL



10" BOTTOM RAIL



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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

RAIL OPTIONS

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FAX: (954) 744-4738  
WEB: www.buildingdrops.com

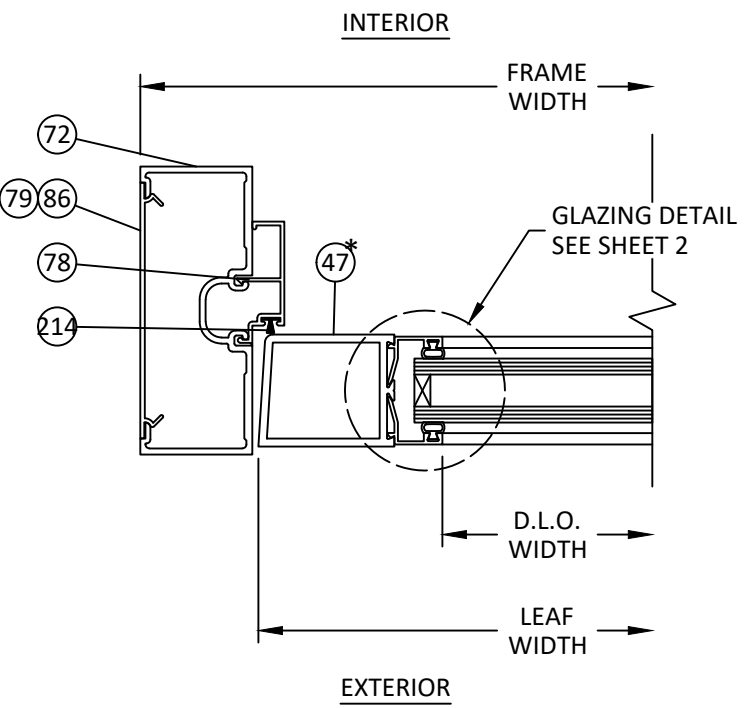
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| A. 2026 FBC UPDATE | MS | 7/29/2026 |
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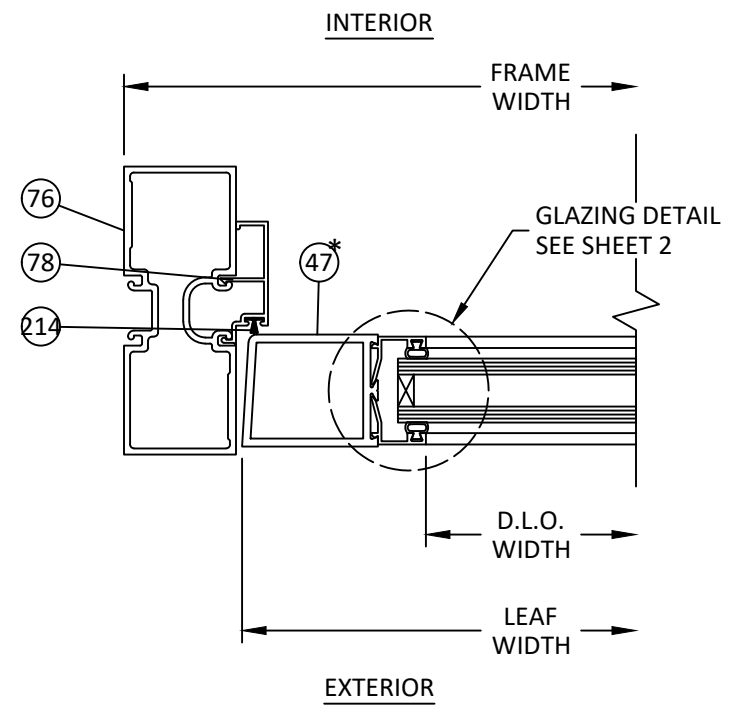
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BUILDING DROPS, INC  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

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| FL #:    | FL17692    |
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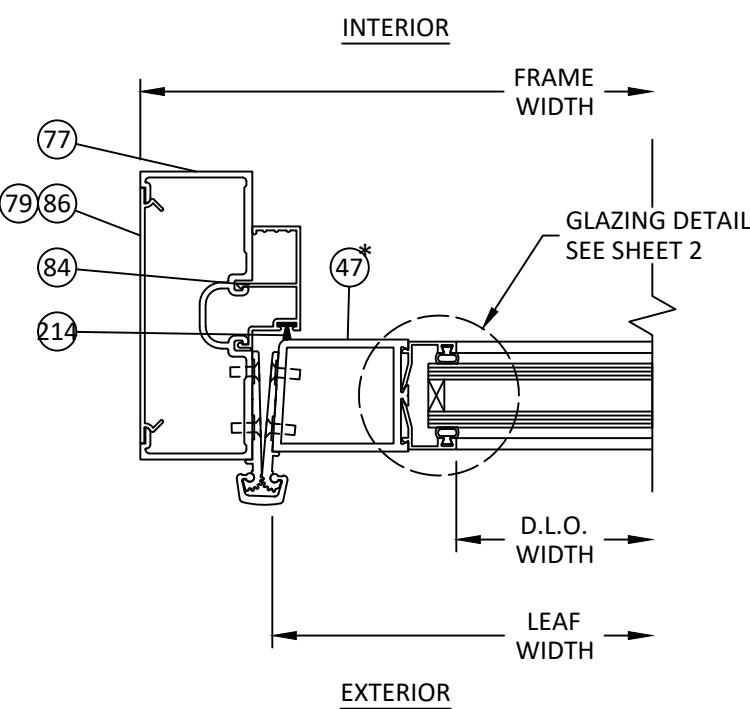


**AF 14** HORIZONTAL SECTION  
DOOR JAMB  
FG-2000 FRAMING

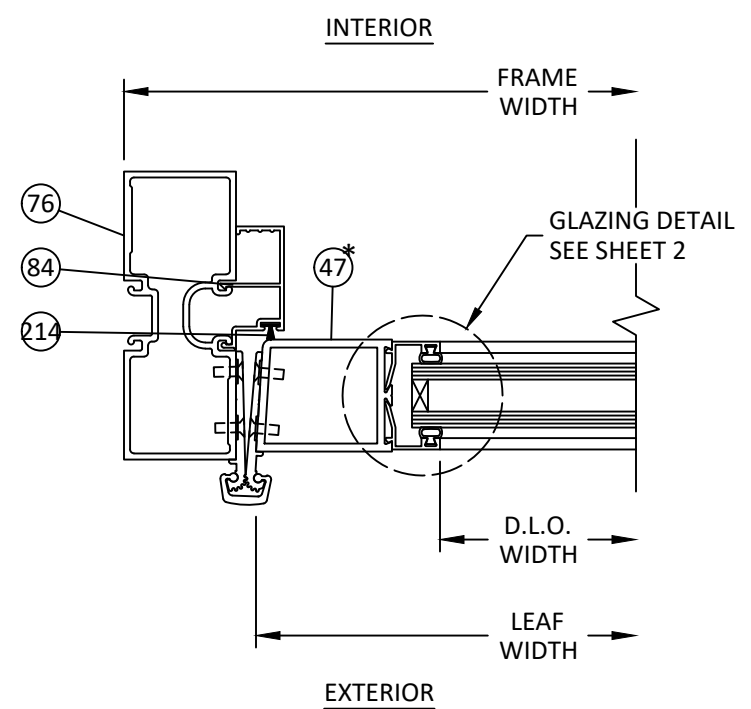


**AG 14** HORIZONTAL SECTION  
DOOR JAMB  
FG-2000 FRAMING

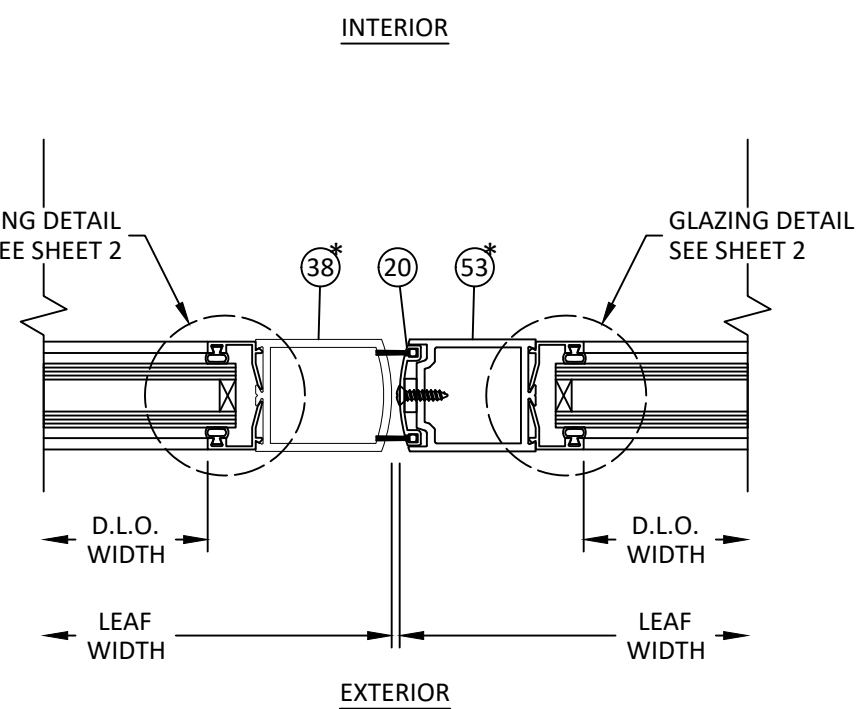
\* SEE SHEET 22 FOR DOOR STILE OPTIONS.



**AH 14** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
FG-2000 FRAMING



**AI 14** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
FG-2000 FRAMING



**AJ 14** HORIZONTAL SECTION  
MEETING STILE

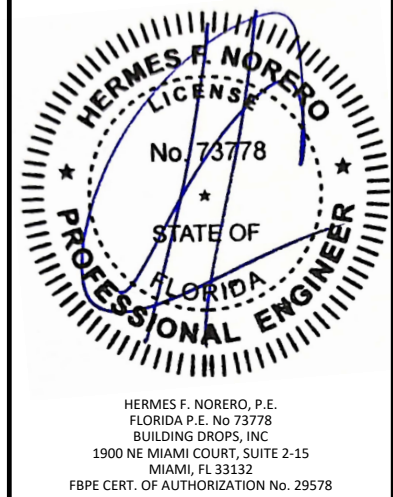


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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)  
HORIZONTAL SECTIONS  
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PH: (954) 399-8478  
FAX: (954) 744-4738  
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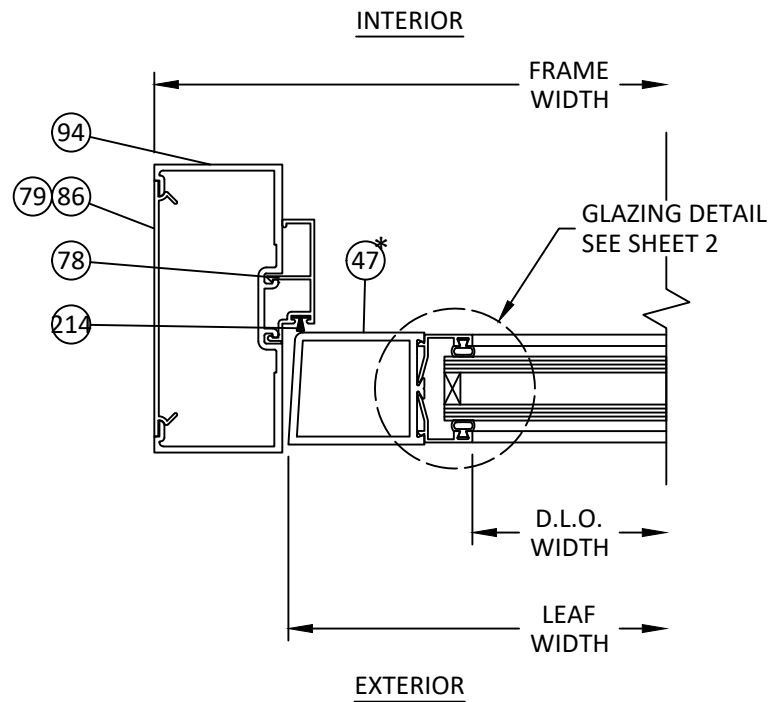
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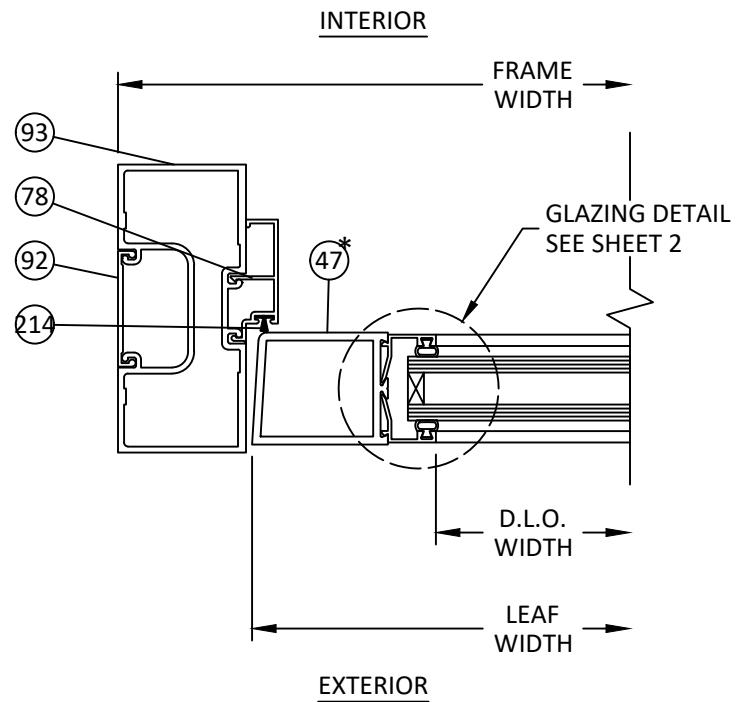


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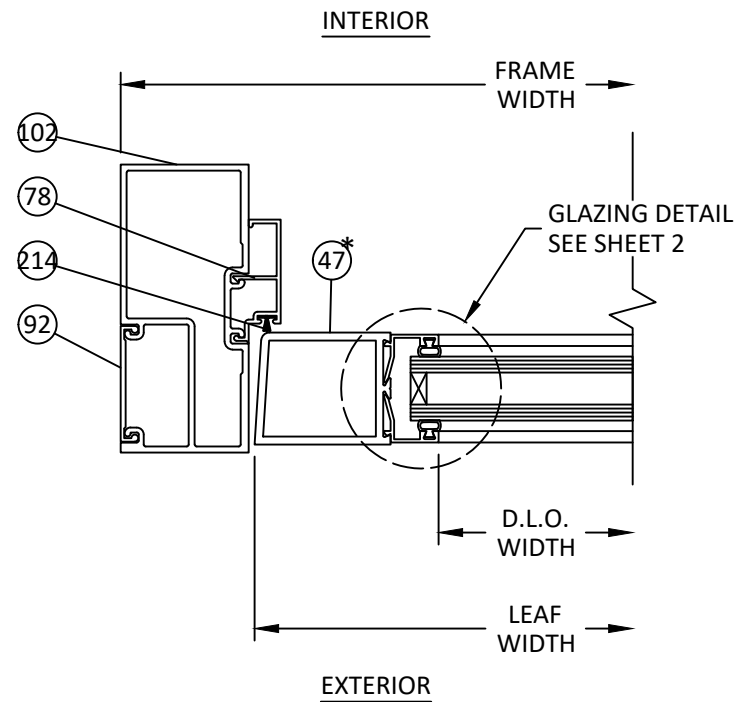


**AK 15** HORIZONTAL SECTION  
DOOR JAMB  
FG-3000 / 3000 MP CS FRAMING

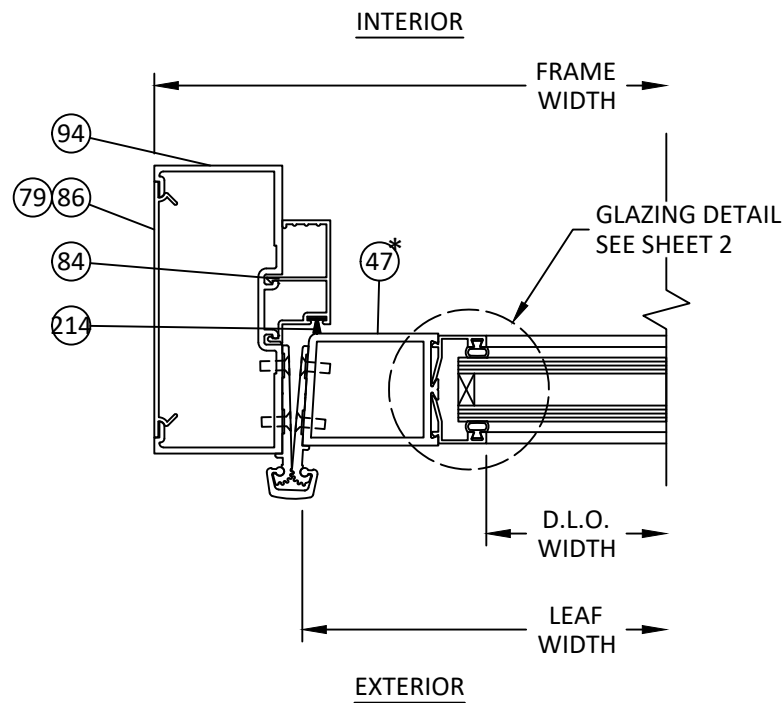


**AL 15** HORIZONTAL SECTION  
DOOR JAMB  
FG-3000 / 3000 MP CS FRAMING

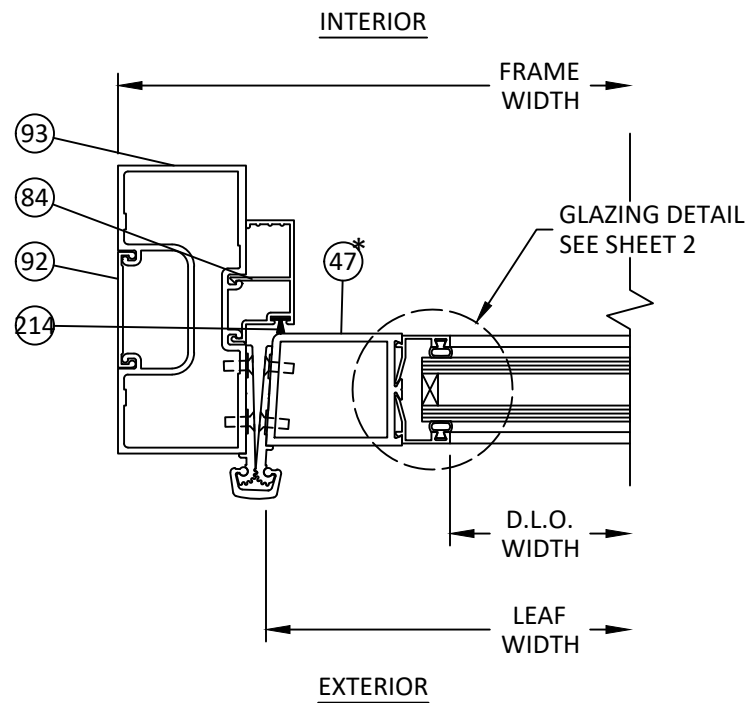
\* SEE SHEET 22 FOR DOOR STILE OPTIONS.



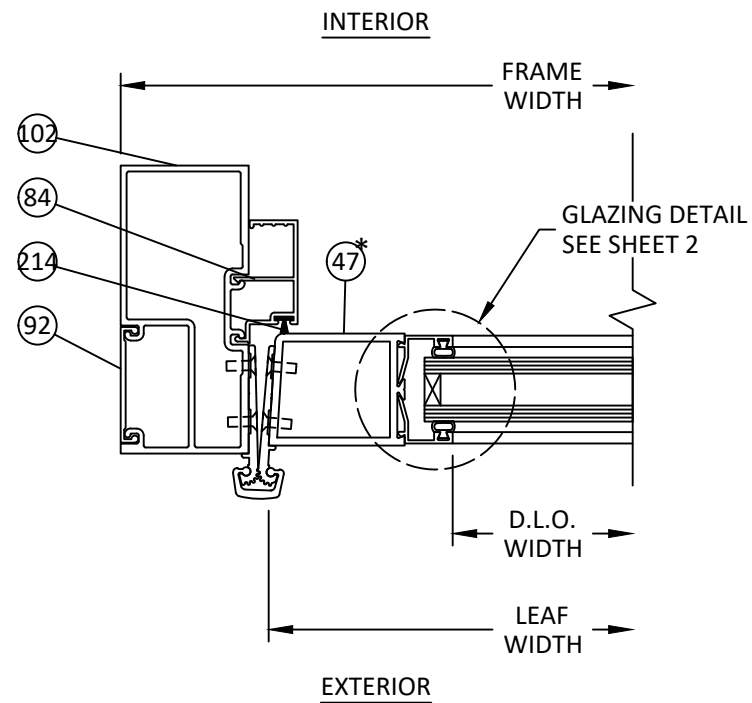
**AM 15** HORIZONTAL SECTION  
DOOR JAMB  
3000 MP FRAMING - FS/BS



**AN 15** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
FG-3000 FRAMING



**AO 15** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
FG-3000 / 3000 MP CS FRAMING



**AP 15** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
3000 MP FRAMING - FS/BS



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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTIONS

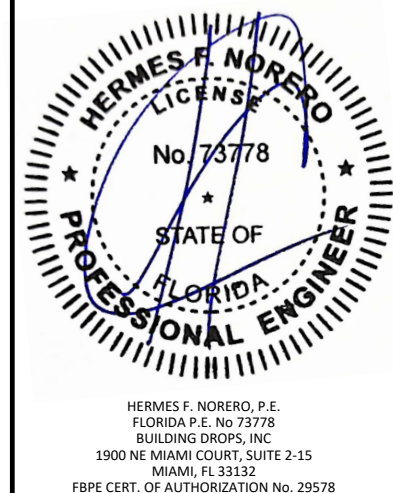
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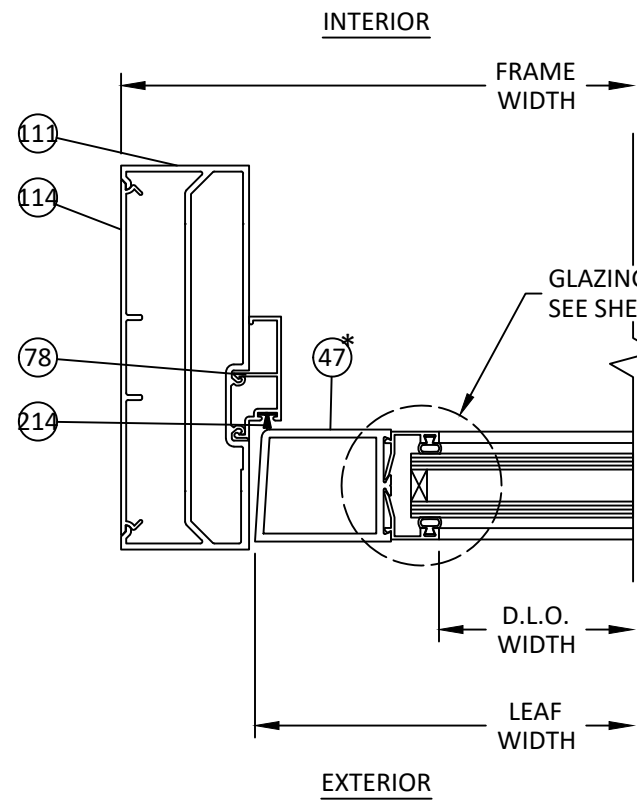
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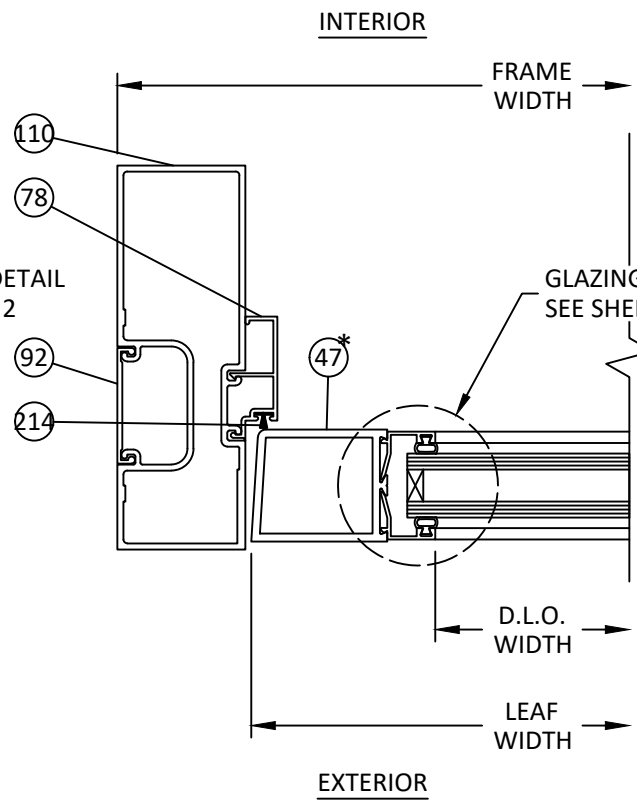


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| FL #:    | FL17692    |
| DATE:    | 06.04.2025 |
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| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | OBE013     |
| SHEET:   | 15         |
| REV.     | A          |
|          | OF 31      |

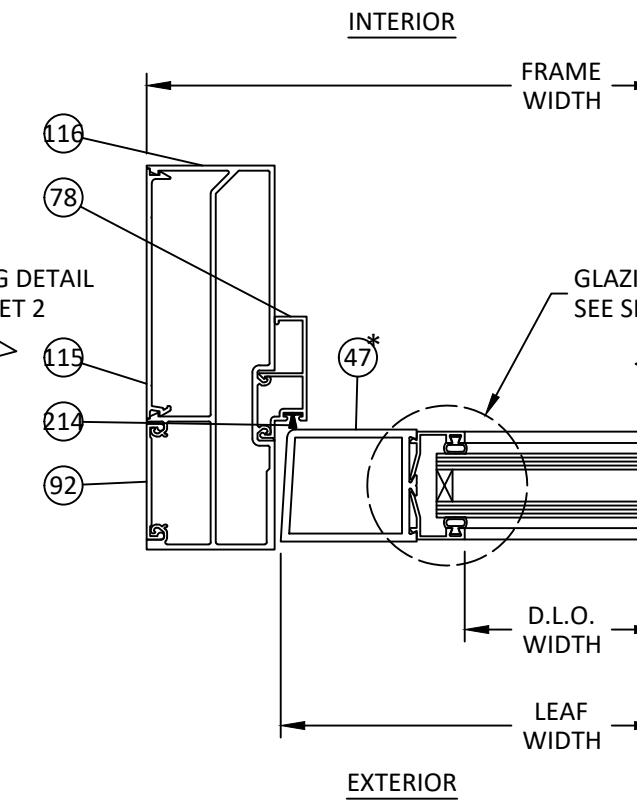
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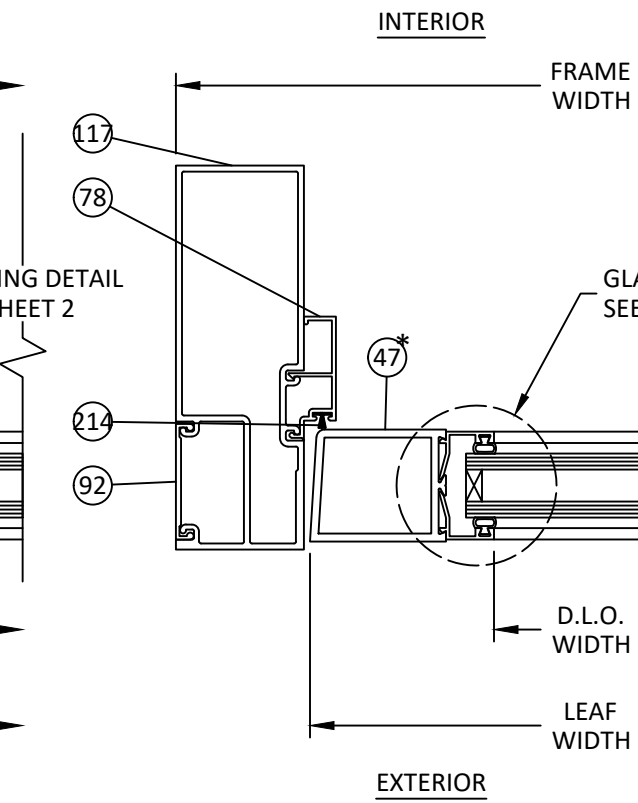
**AQ**  
**16** HORIZONTAL SECTION  
DOOR JAMB  
6000 MP FRAMING - CS



**AR**  
**16** HORIZONTAL SECTION  
DOOR JAMB  
6000 MP FRAMING - CS

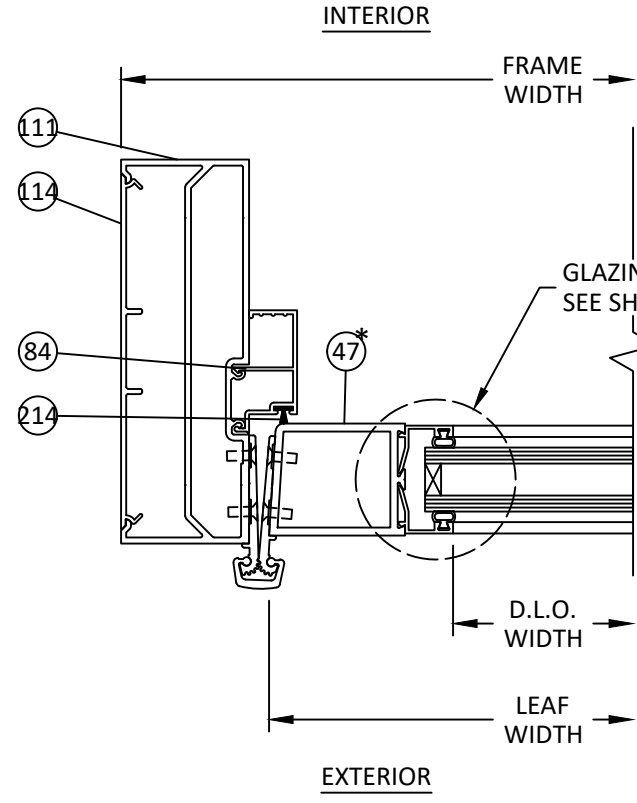


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**16** HORIZONTAL SECTION  
DOOR JAMB  
6000 MP FRAMING - FS/BS

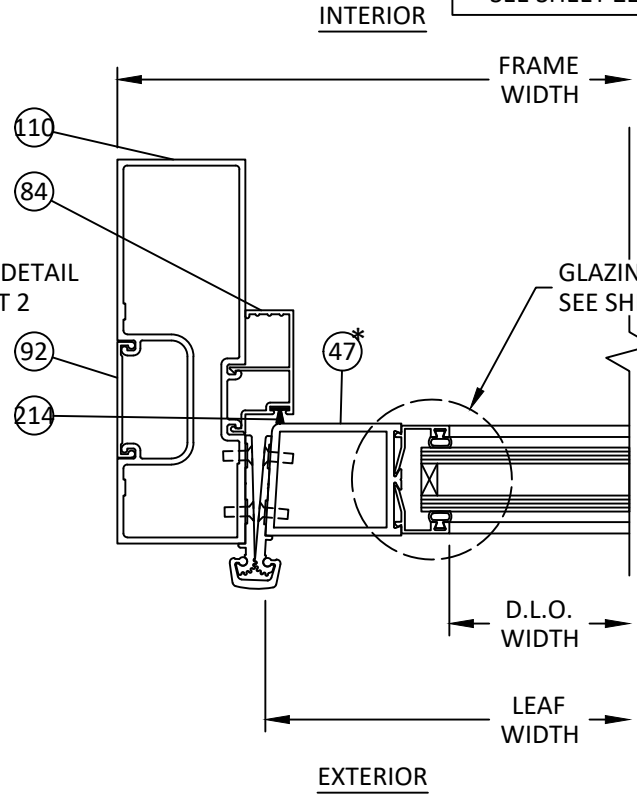


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DOOR JAMB  
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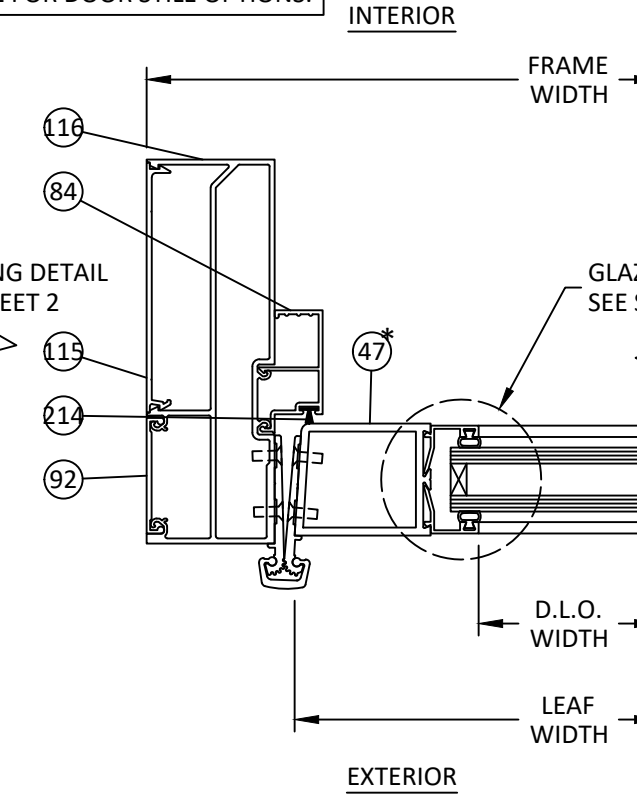
\* SEE SHEET 22 FOR DOOR STILE OPTIONS.



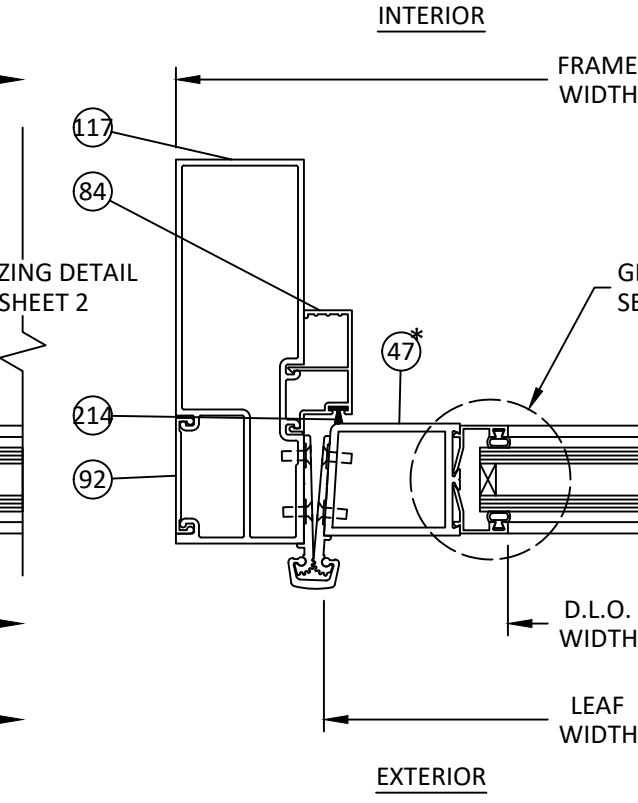
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**16** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
6000 MP FRAMING - CS



**AV**  
**16** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
6000 MP FRAMING - CS



**AW**  
**16** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
6000 MP FRAMING - FS/BS



**AX**  
**16** HORIZONTAL SECTION  
DOOR JAMB - CONTINUOUS HINGE  
6000 MP FRAMING - FS/BS

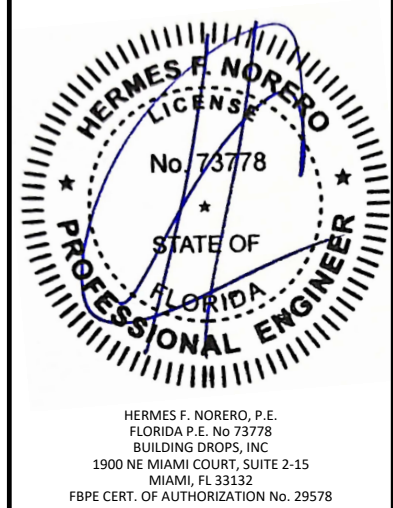


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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)  
HORIZONTAL SECTIONS  
PREPARED BY: BUILDING DROPS, INC.  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com

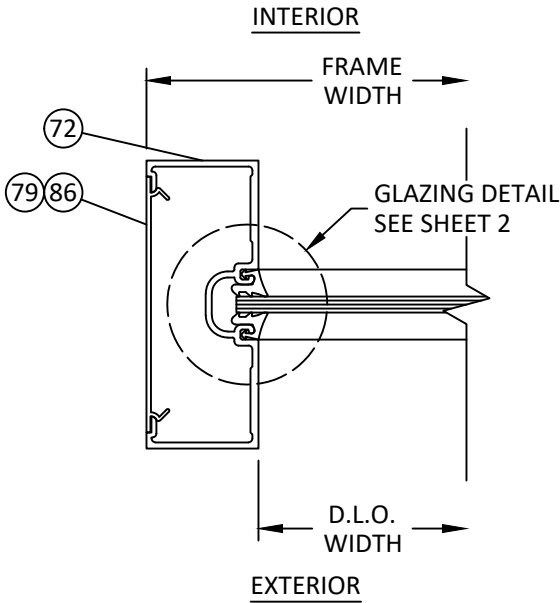
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| A. 2026 FBC UPDATE | MS | 7/29/2026 |
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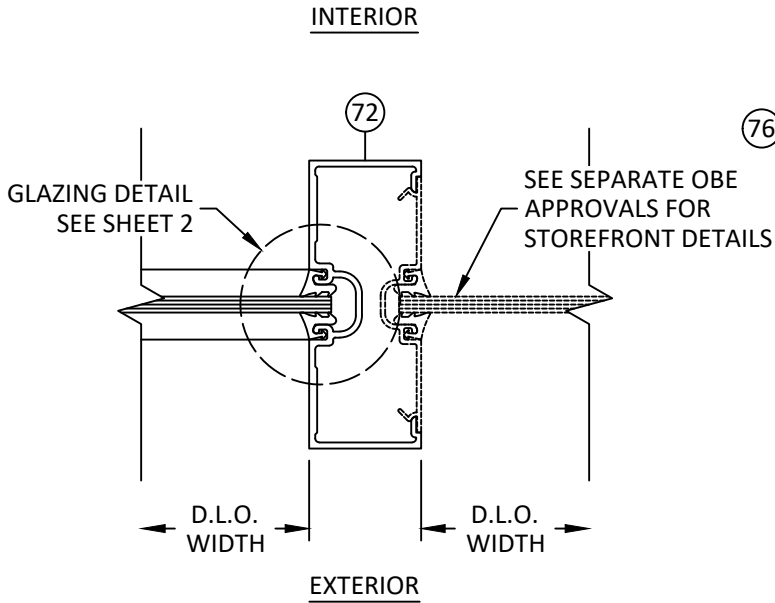


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| DATE:    | 06.04.2025 |
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| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | OBE013     |
| SHEET:   | 16         |
| REV.     | A          |
|          | OF 31      |

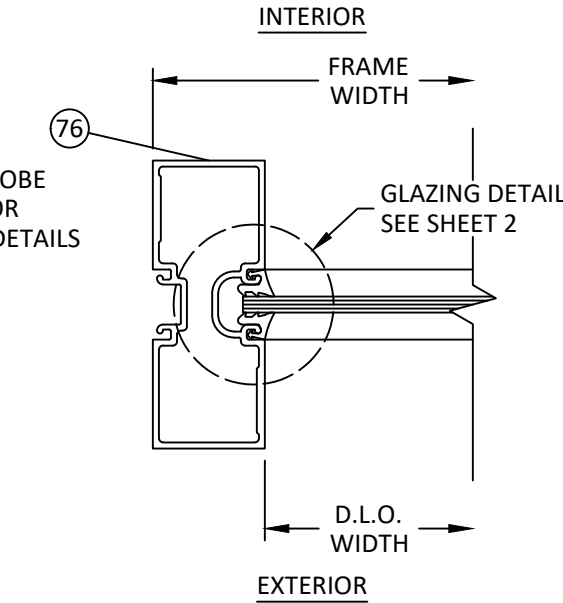
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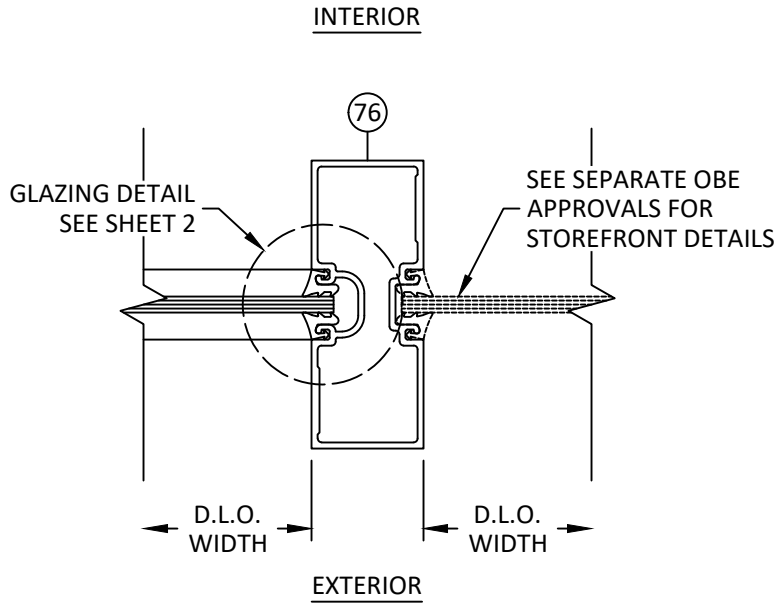
**AY 17** HORIZONTAL SECTION  
TRANSOM JAMB  
FG-2000 FRAMING



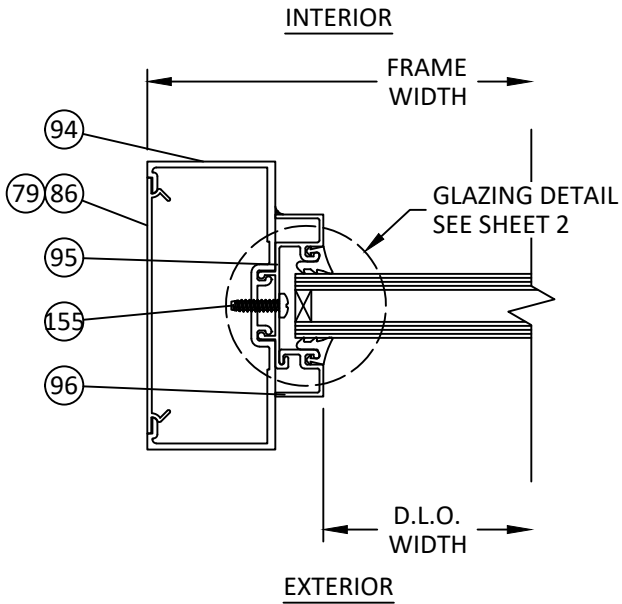
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TRANSOM JAMB W/ SIDELITE  
FG-2000 FRAMING



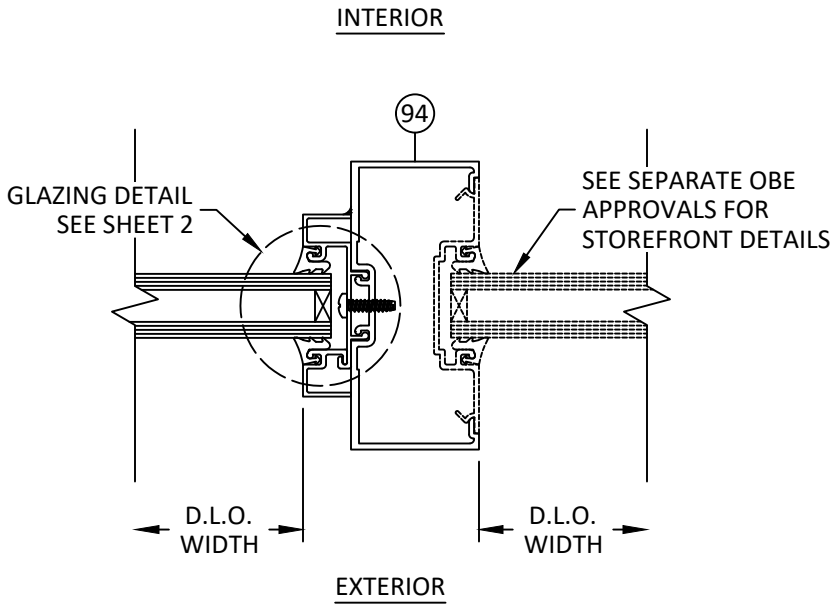
**BA 17** HORIZONTAL SECTION  
TRANSOM JAMB  
FG-2000 FRAMING



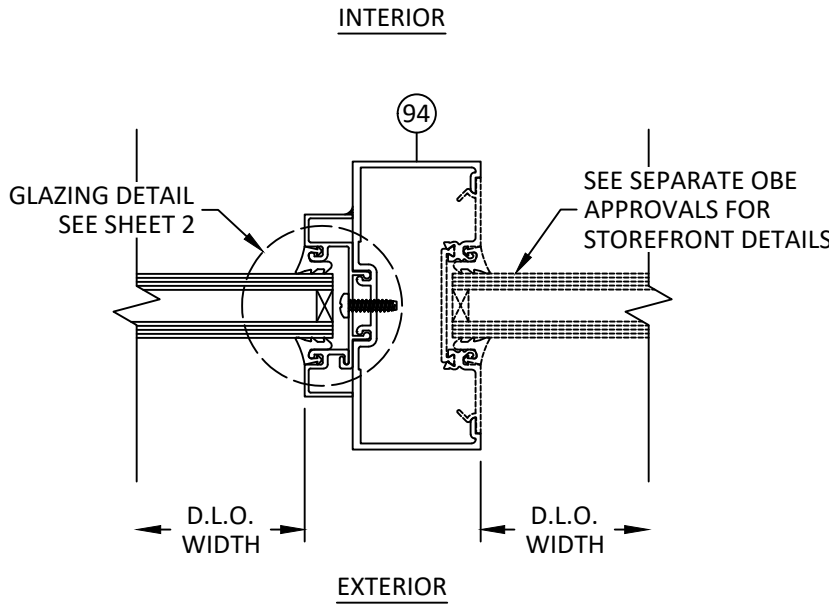
**BB 17** HORIZONTAL SECTION  
TRANSOM JAMB W/ SIDELITE  
FG-2000 FRAMING



**BC 17** HORIZONTAL SECTION  
TRANSOM JAMB  
FG-3000 / 3000 MP CS FRAMING



**BD 17** HORIZONTAL SECTION  
TRANSOM JAMB W/ SIDELITE  
FG-3000 FRAMING



**BE 17** HORIZONTAL SECTION  
TRANSOM JAMB W/ SIDELITE  
3000 MP FRAMING - CS



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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTIONS

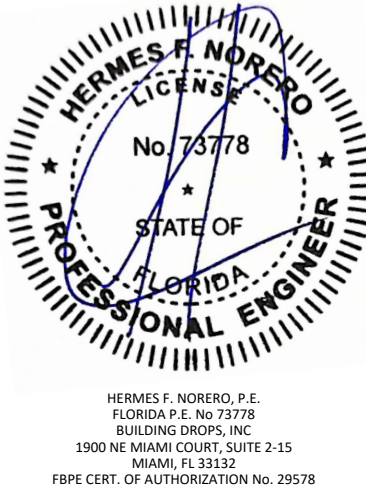
PREPARED BY:

BUILDING DROPS, INC.  
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MIAMI, FL 33132  
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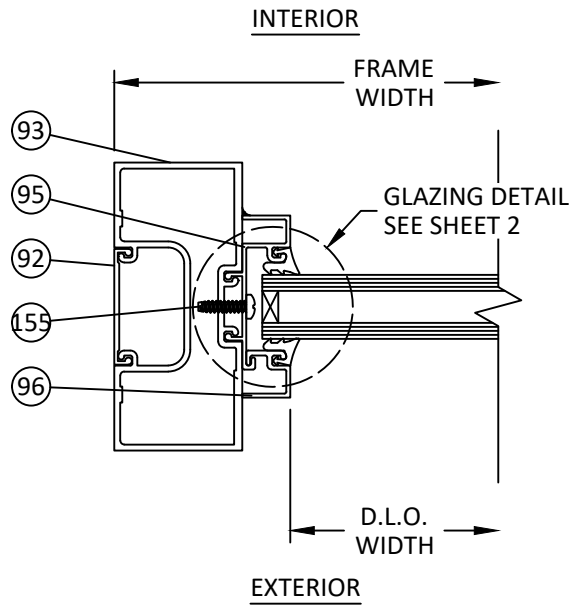
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| A. 2026 FBC UPDATE | MS | 7/29/2026 |
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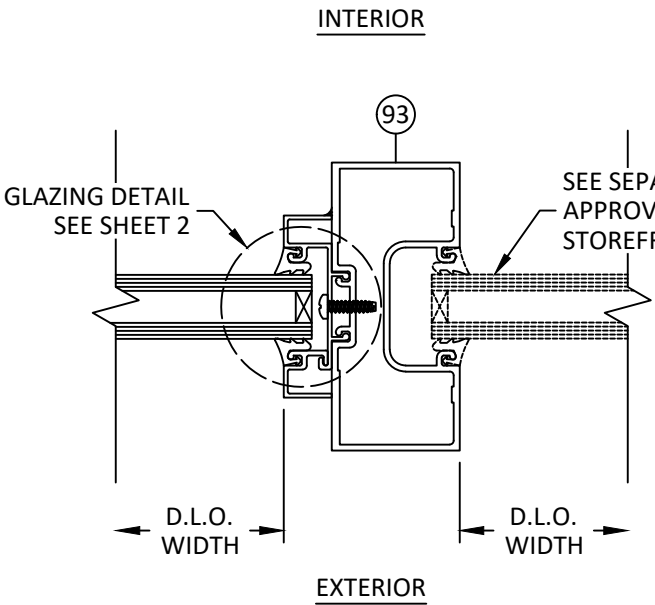


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| DATE:    | 06.04.2025 |
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| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | OBE013     |
| SHEET:   | 17         |
| REV.     | A          |
| OF 31    |            |

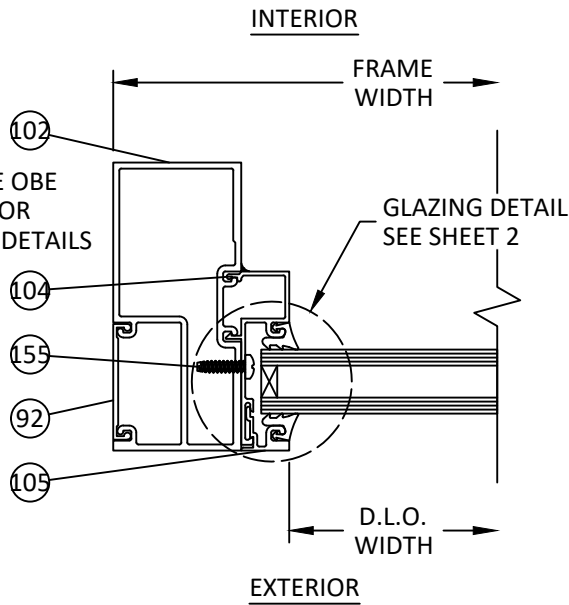
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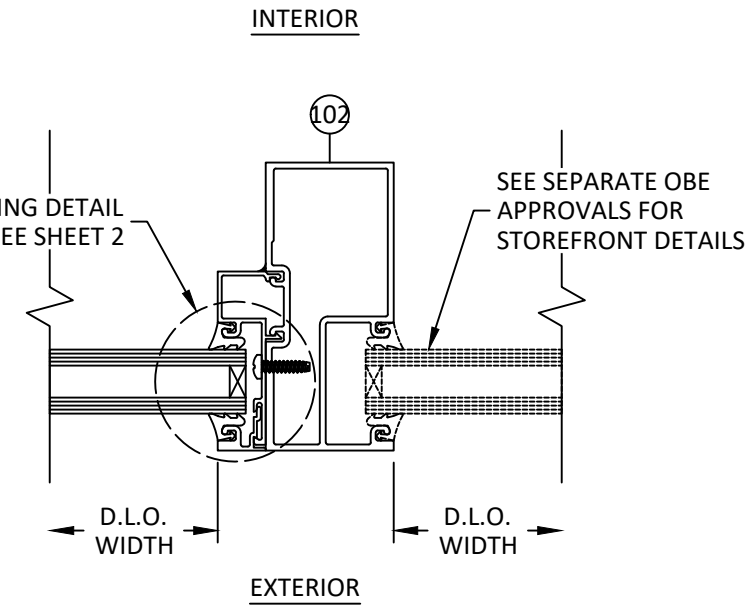
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TRANSOM JAMB  
FG-3000 / 3000 MP CS FRAMING



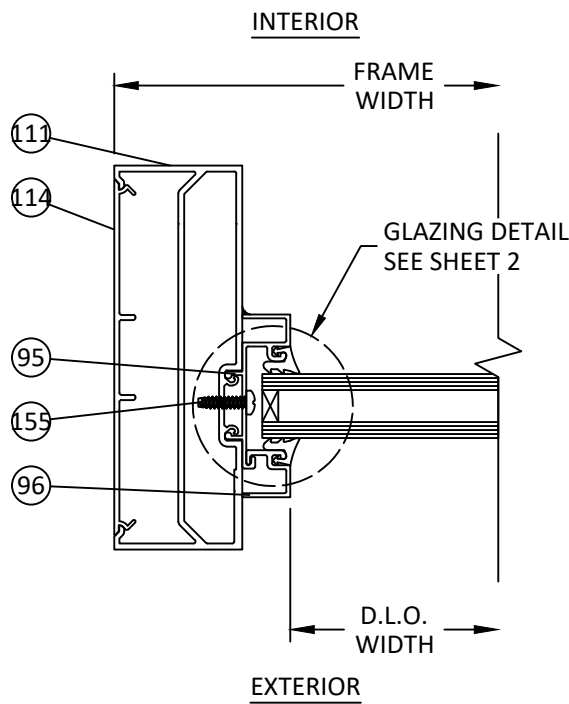
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TRANSOM JAMB W/ SIDELITE  
FG-3000 / 3000 MP CS FRAMING



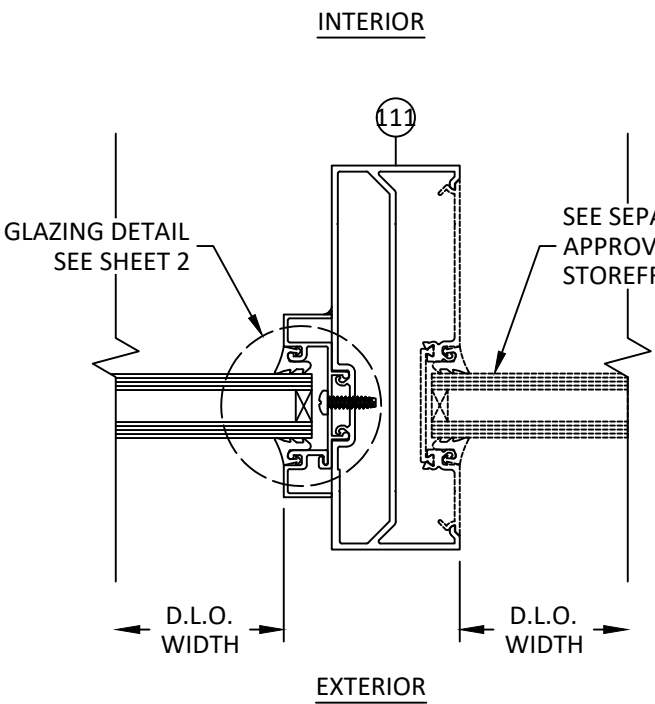
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TRANSOM JAMB  
3000 MP FRAMING - FS/BS



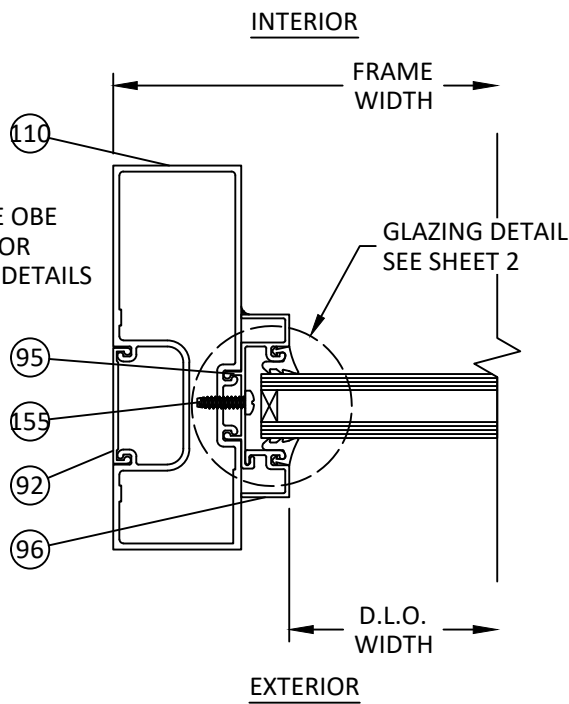
**BI 18** HORIZONTAL SECTION  
TRANSOM JAMB W/ SIDELITE  
3000 MP FRAMING - FS/BS



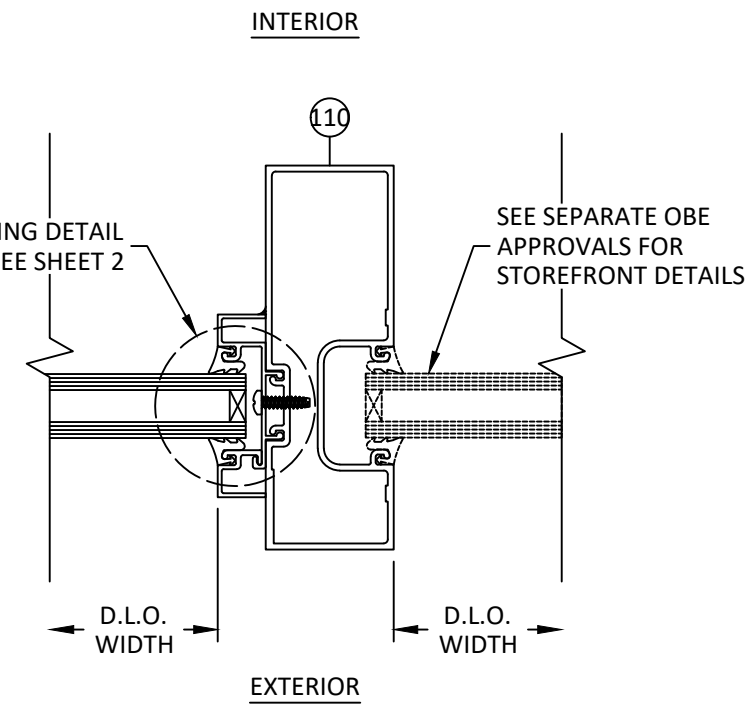
**BJ 18** HORIZONTAL SECTION  
TRANSOM JAMB  
6000 MP FRAMING - CS



**BK 18** HORIZONTAL SECTION  
TRANSOM JAMB W/ SIDELITE  
6000 MP FRAMING - CS



**BL 18** HORIZONTAL SECTION  
TRANSOM JAMB  
6000 MP FRAMING - CS



**BM 18** HORIZONTAL SECTION  
TRANSOM JAMB W/ SIDELITE  
6000 MP FRAMING - CS

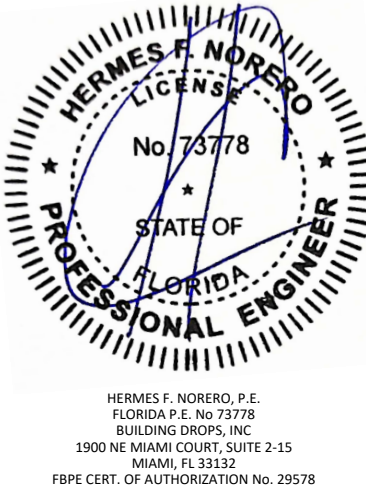


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TITLE: NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)  
HORIZONTAL SECTIONS  
PREPARED BY: BUILDING DROPS, INC.  
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MIAMI, FL 33132  
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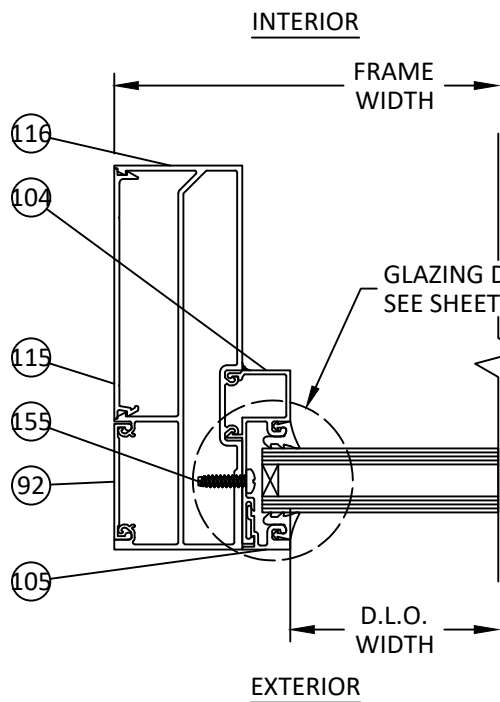
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| A. 2026 FBC UPDATE | MS | 7/29/2026 |
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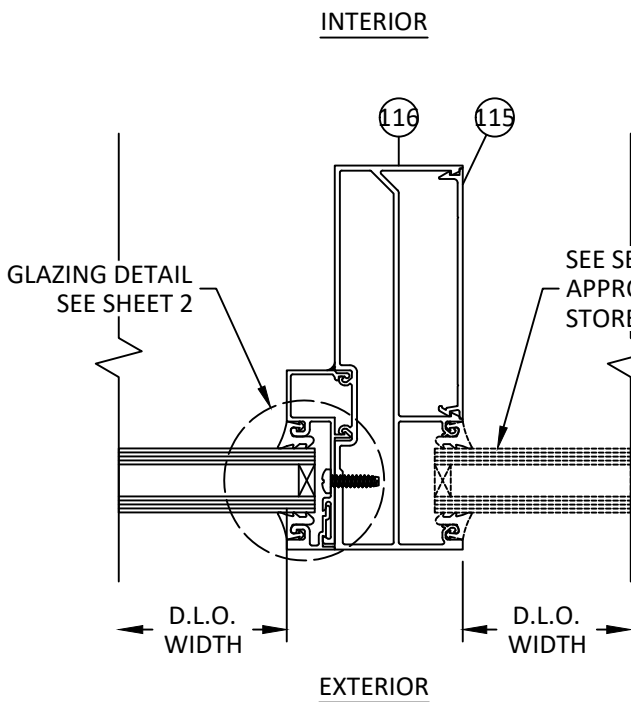


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| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | OBE013     |
| SHEET:   | 18         |
| REV.     | A          |
|          | OF 31      |

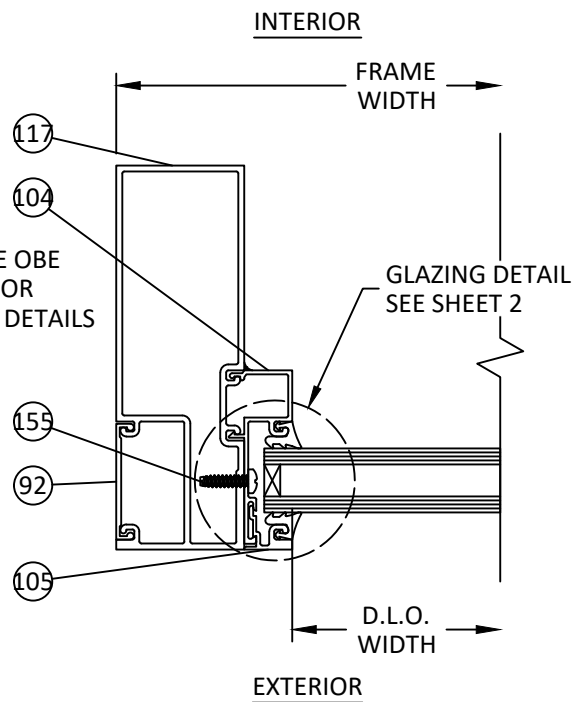
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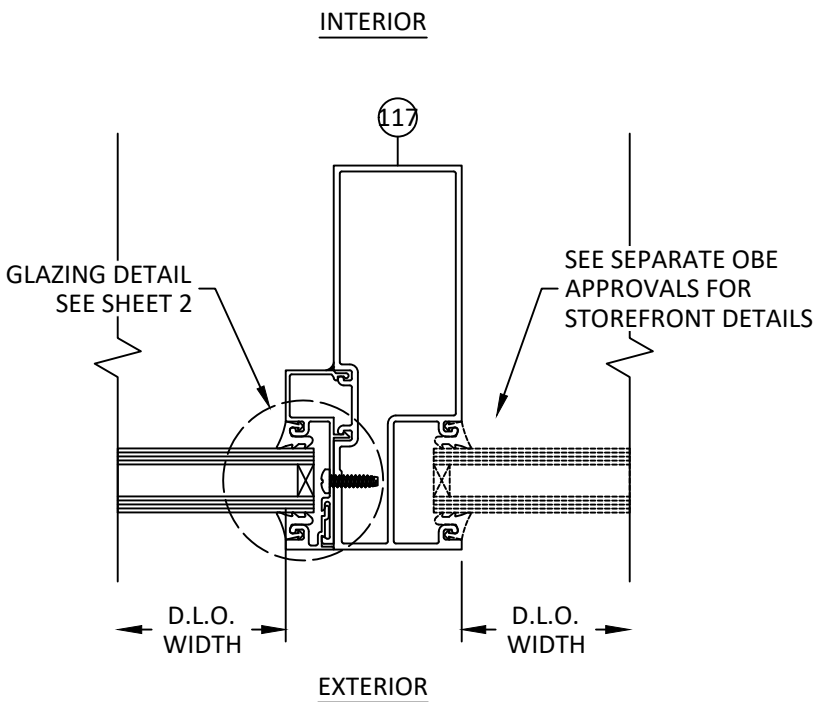
**BN 19** HORIZONTAL SECTION  
TRANSOM JAMB  
6000 MP FRAMING - FS/BS



**BO 19** HORIZONTAL SECTION  
TRANSOM JAMB W/ SIDELITE  
6000 MP FRAMING - FS/BS



**BP 19** HORIZONTAL SECTION  
TRANSOM JAMB  
6000 MP FRAMING - FS/BS



**BQ 19** HORIZONTAL SECTION  
TRANSOM JAMB W/ SIDELITE  
6000 MP FRAMING - FS/BS



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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTIONS

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FAX: (954) 744-4738  
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**B.D.**  
BUILDING DROPS

| REMARKS            | BY | DATE      |
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| A. 2026 FBC UPDATE | MS | 7/29/2026 |
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HERMES F. NORERO, P.E.  
FLORIDA P.E. No. 73778  
BUILDING DROPS, INC  
1900 NE MIAMI COURT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL17692**

DATE: **06.04.2025**

DWG. BY: **MS**

CHK. BY: **HFN**

SCALE: **NTS**

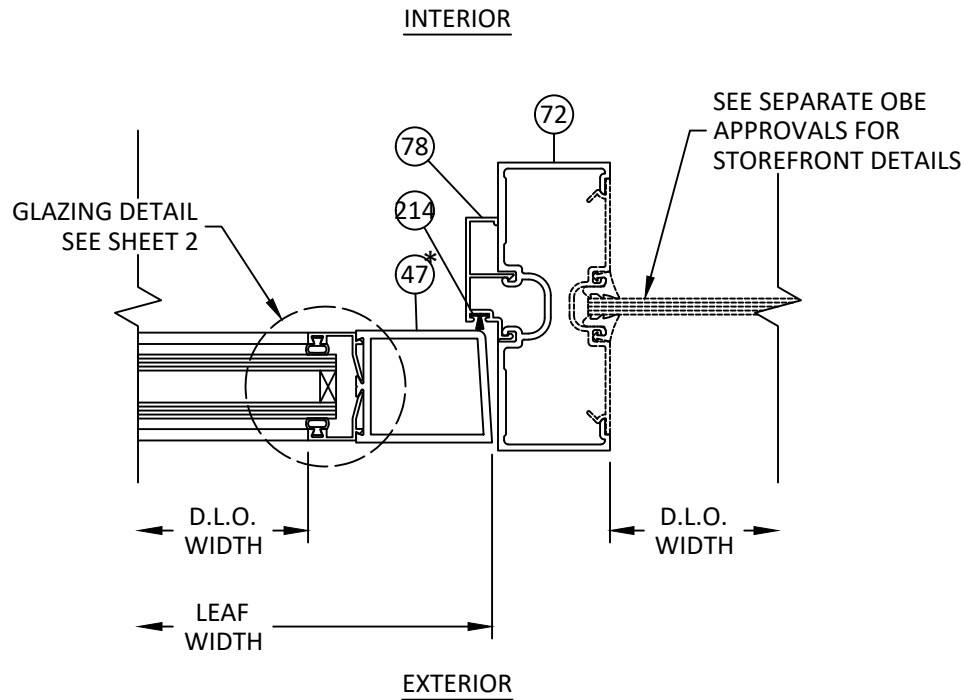
DWG. #: **OBE013**

SHEET: **19**

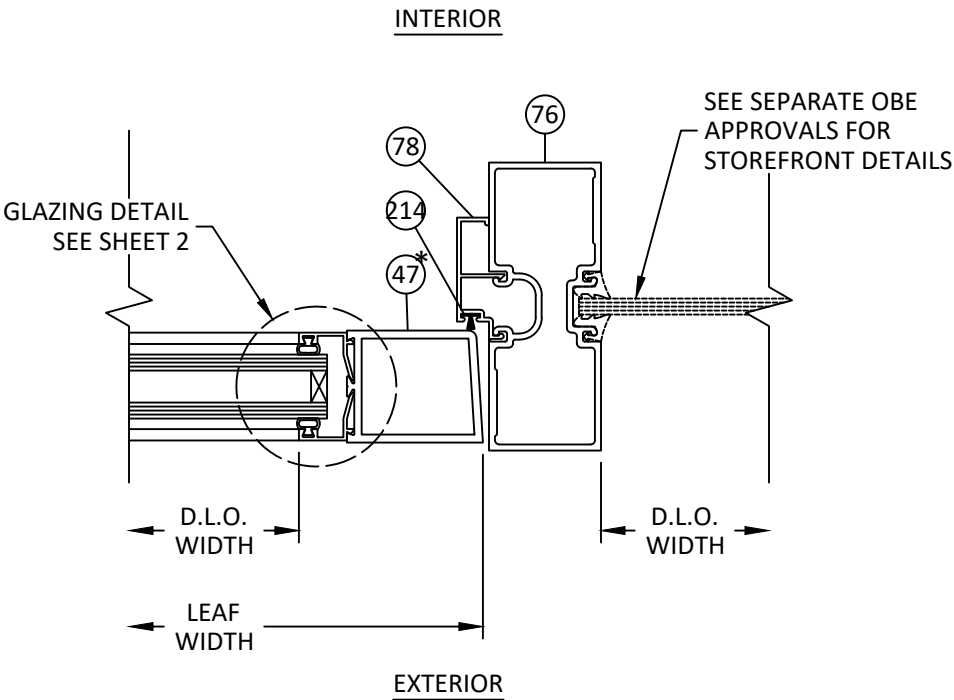
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OF 31

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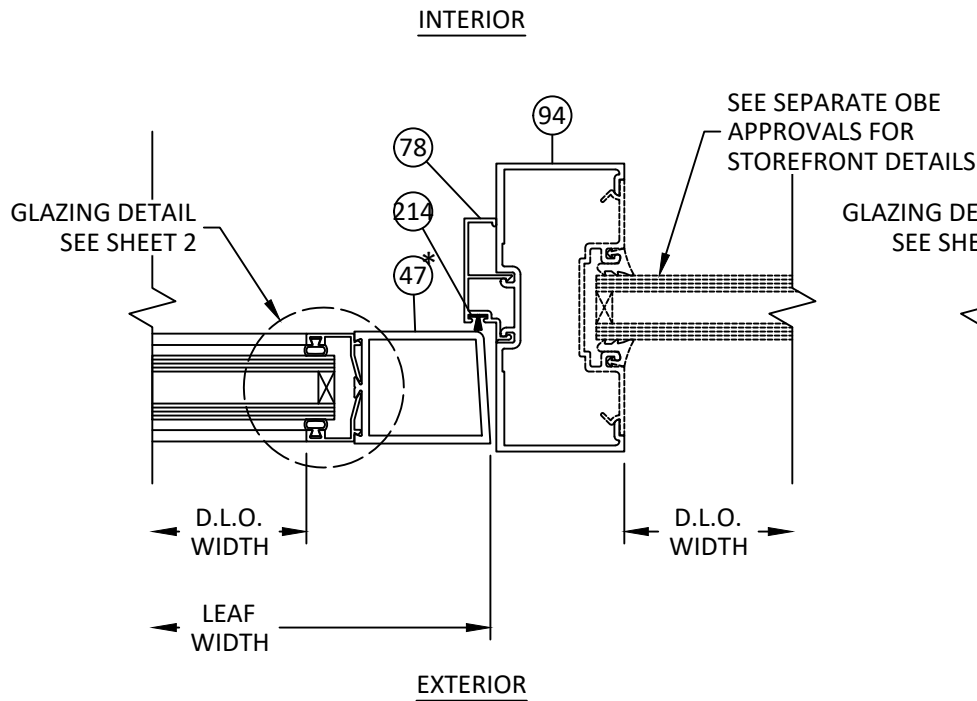


**BS**  
**20** HORIZONTAL SECTION  
DOOR JAMB W/ SIDELITE  
FG-2000 FRAMING

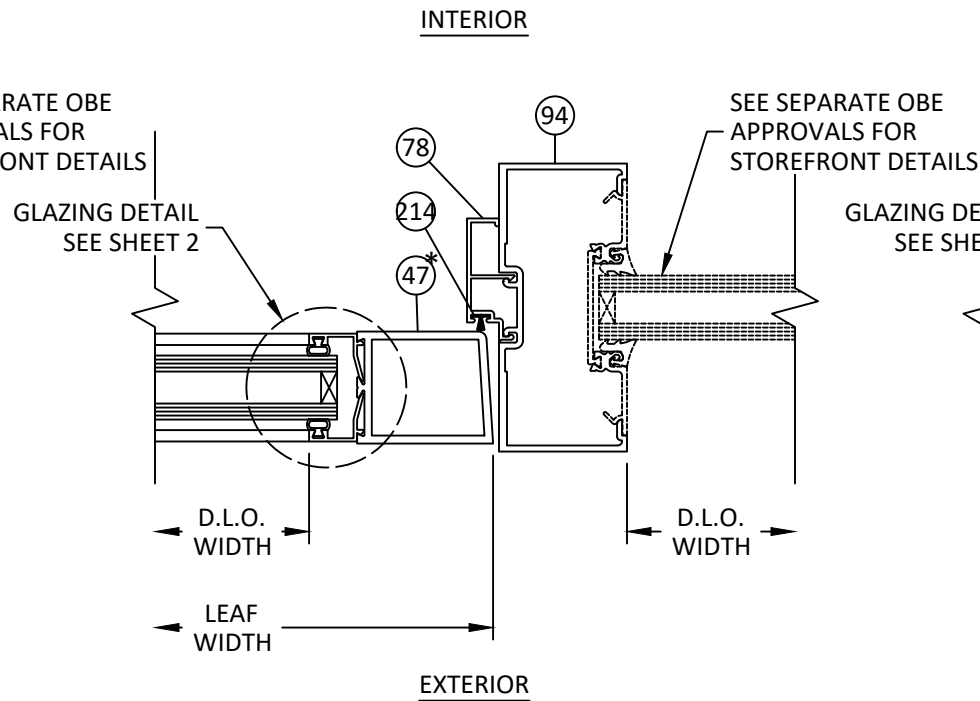


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DOOR JAMB W/ SIDELITE  
FG-2000 FRAMING

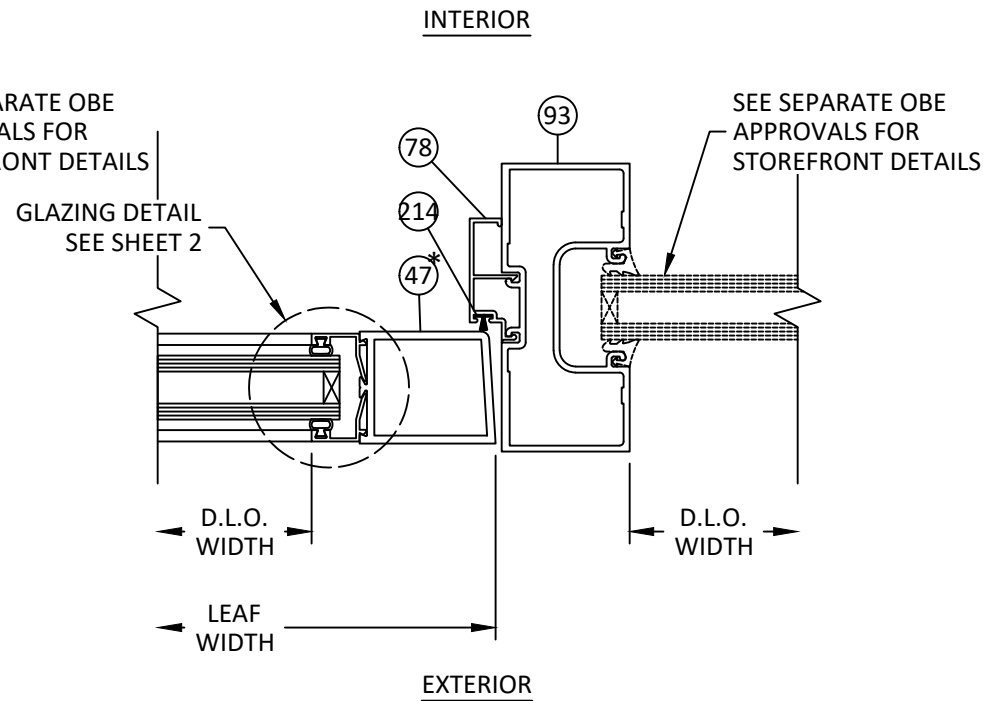
\* SEE SHEET 22 FOR DOOR STILE OPTIONS.



**BU**  
**20** HORIZONTAL SECTION  
DOOR JAMB W/ SIDELITE  
FG-3000 FRAMING



**BV**  
**20** HORIZONTAL SECTION  
DOOR JAMB W/ SIDELITE  
3000 MP FRAMING - CS



**BW**  
**20** HORIZONTAL SECTION  
DOOR JAMB W/ SIDELITE  
FG-3000 / 3000 MP CS FRAMING



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TITLE:  
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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

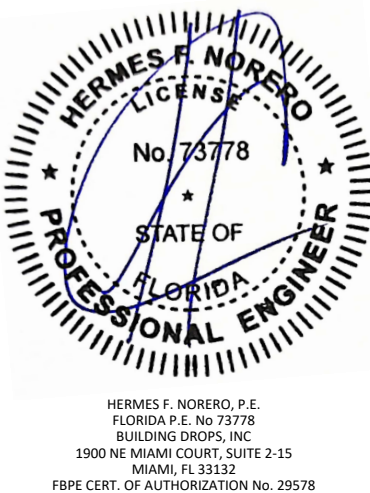
HORIZONTAL SECTIONS

PREPARED BY:  
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MIAMI, FL 33132  
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FAX: (954) 744-4738  
WEB: www.buildingdrops.com



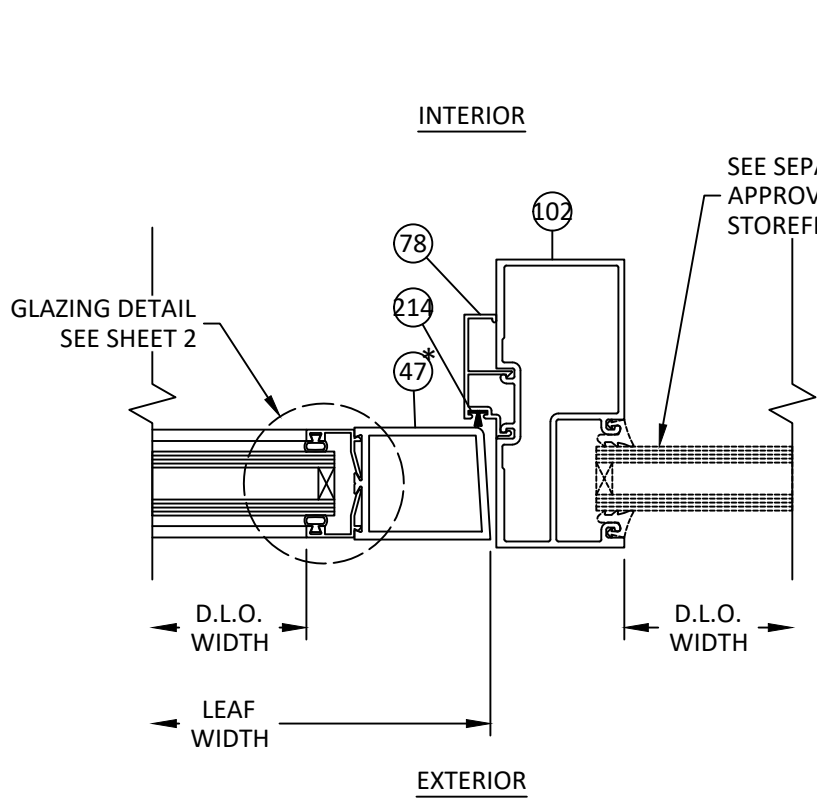
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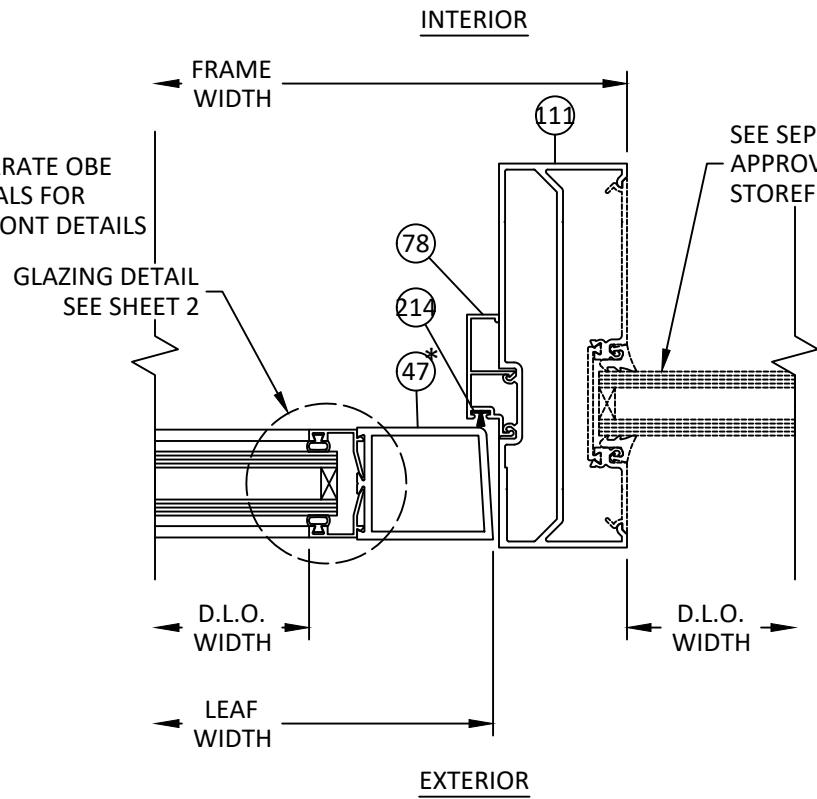


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| DATE:    | 06.04.2025 |
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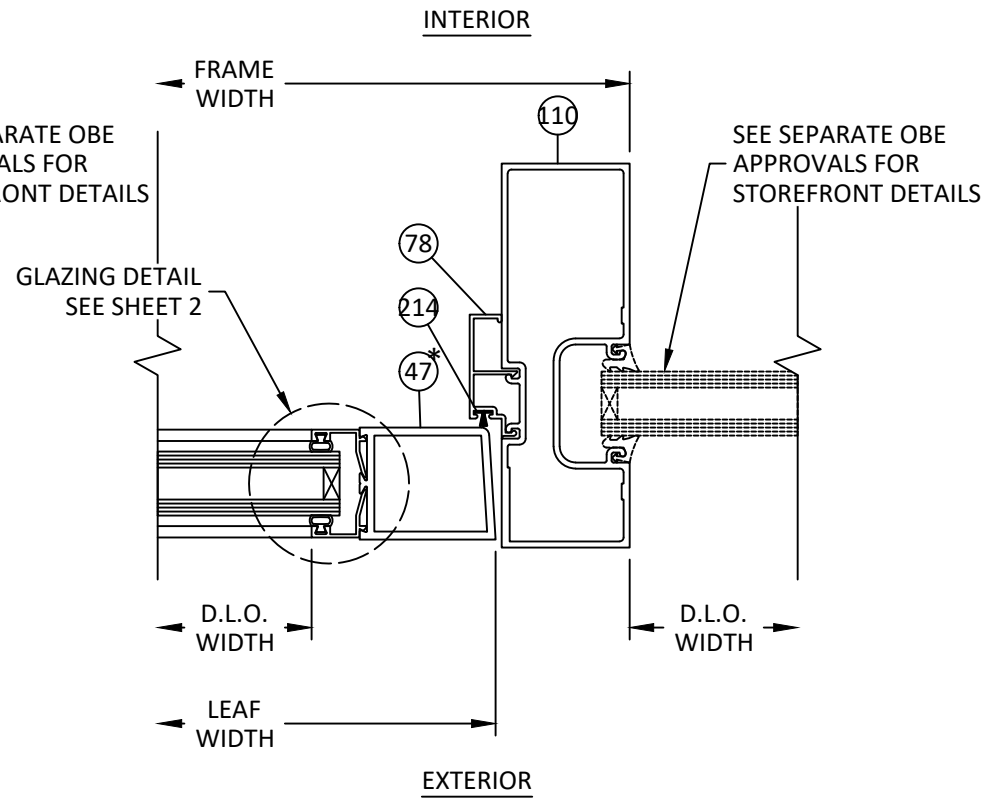
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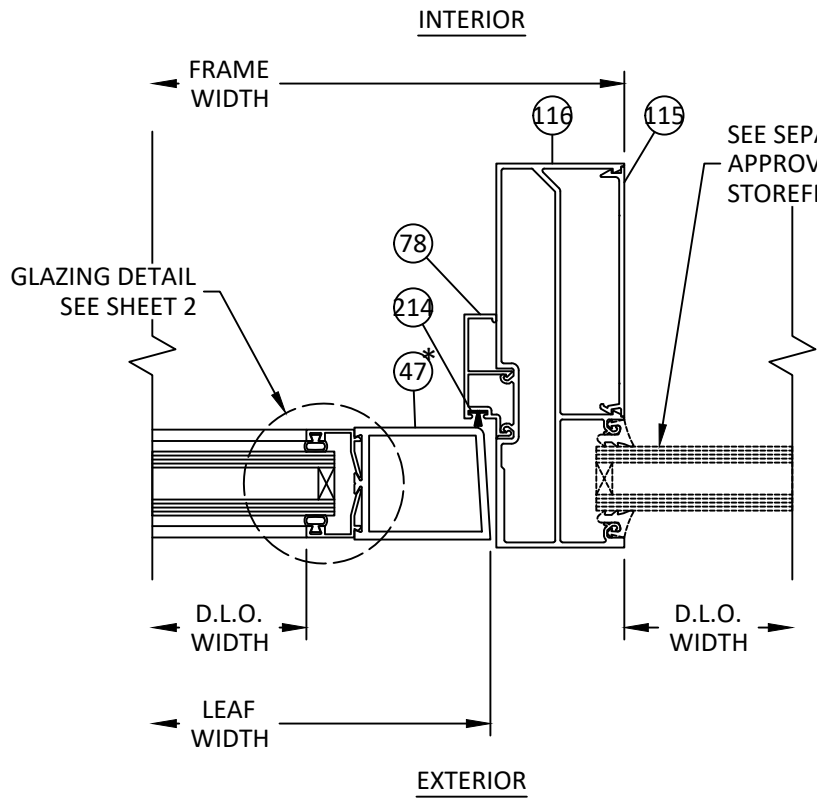
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DOOR JAMB W/ SIDELITE  
3000 MP FRAMING - FS/BS



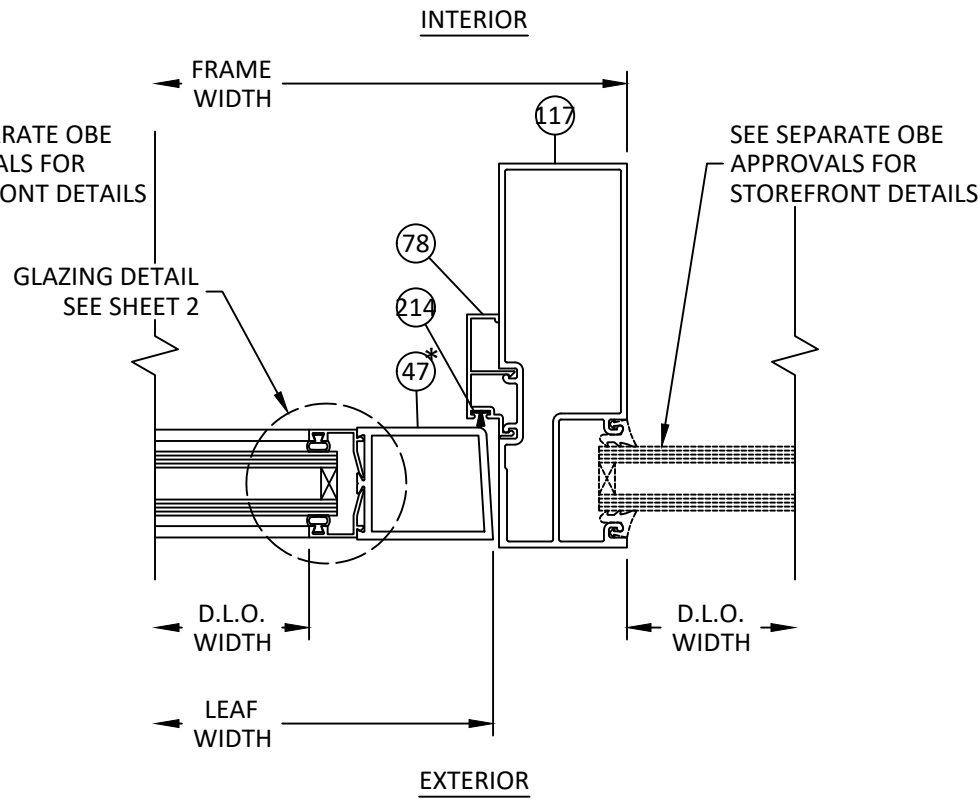
**BY-21** HORIZONTAL SECTION  
DOOR JAMB W/ SIDELITE  
6000 MP FRAMING - CS



**BZ-21** HORIZONTAL SECTION  
DOOR JAMB W/ SIDELITE  
6000 MP FRAMING - CS



**CA-21** HORIZONTAL SECTION  
DOOR JAMB W/ SIDELITE  
6000 MP FRAMING - FS/BS



**CB-21** HORIZONTAL SECTION  
DOOR JAMB W/ SIDELITE  
6000 MP FRAMING - FS/BS

\* SEE SHEET 22 FOR DOOR STILE OPTIONS.



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TITLE:  
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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

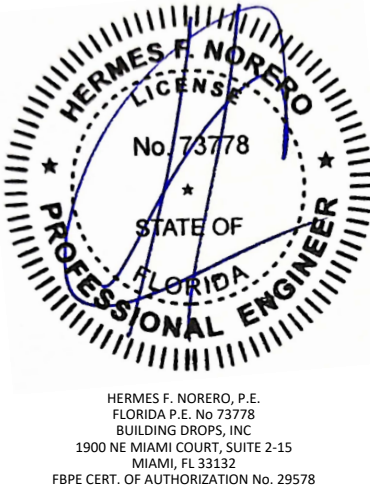
HORIZONTAL SECTIONS

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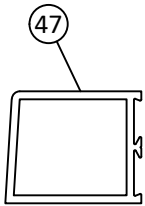
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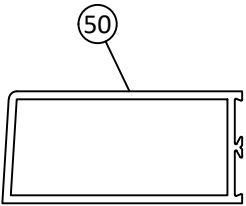
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| FL #:    | FL17692    |
| DATE:    | 06.04.2025 |
| DWG. BY: | MS         |
| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | OBE013     |
| SHEET:   | 21         |
| REV.     | A          |

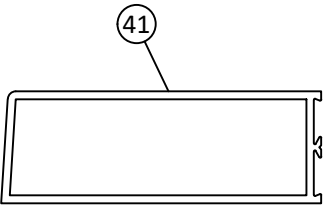
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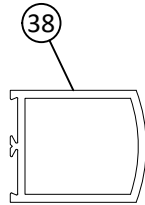
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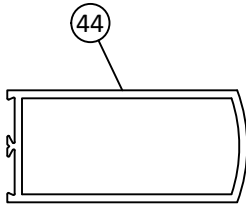
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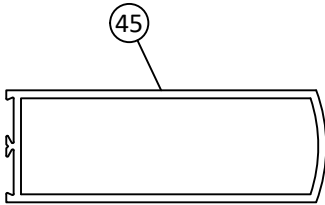
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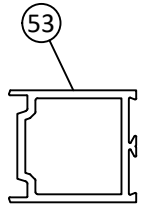
NS-212 INACTIVE STILE



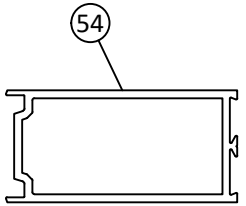
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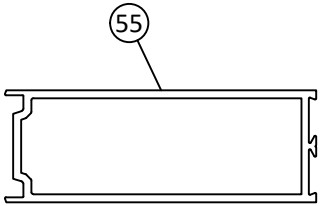
WS-500 INACTIVE STILE



NS-212 ACTIVE STILE



MS-375 ACTIVE STILE



WS-500 ACTIVE STILE



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TITLE: NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

STILE OPTIONS

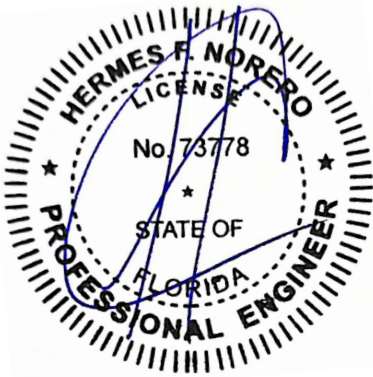
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| A. 2026 FBC UPDATE | MS | 7/29/2026 |
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| SHEET:   | REV. A     |

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| NS-212, MS-375, & WS-500 HARDWARE CHART |                        |                                            |                |                 |                                                                                        |
|-----------------------------------------|------------------------|--------------------------------------------|----------------|-----------------|----------------------------------------------------------------------------------------|
| OBE ITEM#                               | HARDWARE TYPE          | HARDWARE MODEL AND DESCRIPTION             | MANUFACTUER    | DESIGN PRESSURE | NOTES                                                                                  |
| LK-3                                    | -                      | AR-1750 HOOKBOLT LOCK                      | ADAMS RITE     | +/- 50 PSF      |                                                                                        |
| FB-14                                   | -                      | ROUND FACE FLUSH BOLT                      | CALIBRE        | +/- 50 PSF      |                                                                                        |
| LK-3S, LK-4, LK-5                       | 3-POINT LOCK           | MS 1850S + 4015 + 4016 DEADLOCK            | ADAMS RITE     | +/- 70 PSF      |                                                                                        |
| FB-15                                   | -                      | FB-1201VRM FLUSH BOLT                      | CALIBRE        | +/- 70 PSF      | FOR DOORS UP TO 7'-0"                                                                  |
| FB-16                                   | -                      | FB-1201-96                                 | CALIBRE        | +/- 70 PSF      | FOR DOORS 7'-0" AND LARGER                                                             |
| OP-6/O-7                                | TOP PIVOTS             | FRAME AND DOOR ATTACHMENT                  | -              | +/- 50 PSF      |                                                                                        |
| OP-9/OP-10                              | BOTTOM PIVOTS          | FRAME AND DOOR ATTACHMENT                  | -              | +/- 50 PSF      |                                                                                        |
| BH-1                                    | BUTT HINGE 4" X 4 1/2" | BUTT HINGES                                | -              | +/- 70 PSF      |                                                                                        |
| BH-6                                    | BUTT HINGE 4" X 4 1/2" | STAINLESS STEEL BUTT HINGES                | -              | +/- 70 PSF      |                                                                                        |
| GH-01                                   | CONT. GEAR HINGE       | 780-224HD CONTINUOUS GEAR HINGES           | ROTON          | +/- 70 PSF      |                                                                                        |
| GH-02                                   | CONT. GEAR HINGE       | CFM83SLI-HD1 CONTINUOUS GEAR HINGES        | PEMKO          | +/- 70 PSF      |                                                                                        |
| PNC-4                                   | ROD PANIC              | CONCEALED ROD PANIC (FIRST CHOICE 3690)    | FIRST CHOICE   | +/- 50 PSF      |                                                                                        |
| PNC-3                                   | RIM PANIC              | RIM PANIC (FIRST CHOICE 3790)              | FIRST CHOICE   | +/- 50 PSF      | USE WITH FIRST CHOICE RM370 REMOVABLE MULLION                                          |
| PNC-2                                   | CONCEALED PANIC        | 1285 CONCEALED PANIC DEVICE                | JACKSON        | +/- 70 PSF      |                                                                                        |
| PNC-7/PNC-7K                            | CONCEALED PANIC        | 8401 CONCEALED PANIC DEVICE                | SARGENT        | +/- 70 PSF      |                                                                                        |
| PNC-5                                   | RIM PANIC              | 2095 RIM PANIC                             | JACKSON        | +/- 60 PSF      | USE WITH JACKSON 896 W/ 3/4" X 1 5/16" ALUMINUM BAR                                    |
| PNC-8                                   | RIM PANIC              | AD8500 RIM PANIC                           | SARGENT        | +/- 60 PSF      | USE WITH SARGENT HC L980 REMOVABLE MULLION                                             |
| PNC-11                                  | SURFACE PANIC          | 9927 SURFACE PANIC DEVICE                  | VON DUPRIN     | +/- 70 PSF      | MS & WS DOOR ONLY                                                                      |
| PNC-12                                  | CONCEALED PANIC        | 9947 CONCEALED PANIC DEVICE                | VON DUPRIN     | +/- 70 PSF      | MS & WS DOOR ONLY                                                                      |
| -                                       | CONCEALED CLOSER       | STANDARD OVERHEAD CONCEALED CLOSER         | VARIES         | N/A             | MODEL VARIES BY MANUFACTURER                                                           |
| -                                       | SURFACE CLOSER         | SURFACE MOUNTED CLOSER                     | VARIES         | N/A             | MODEL VARIES BY MANUFACTURER                                                           |
| RM-03                                   | REMOVABLE MULLION      | HC L980 REMOVABLE MULLION                  | SARGENT        | +/- 60 PSF      |                                                                                        |
| RM-04                                   | REMOVABLE MULLION      | WS708AKM REMOVABLE MULLION                 | CORBIN RUSSWIN | +/- 60 PSF      |                                                                                        |
| -                                       | PUSH/PULL HANDLES      | VARIES                                     | VARIES         | N/A             |                                                                                        |
| PNC-10                                  | RIM PANIC              | 99 RIM PANIC                               | VON DUPRIN     | +/- 50 PSF      | USE WITH VON DUPRIN 299F STRIKE & 154 MULLION STABILIZERS (MH-8), WIDE STILE DOOR ONLY |
| RM-05                                   | REMOVABLE MULLION      | 9954 REMOVABLE MULLION                     | VON DUPRIN     | +/- 50 PSF      | USE WITH VON DUPRIN 99 RIM PANIC DEVICE                                                |
| RM-02                                   | REMOVABLE MULLION      | RM370 REMOVABLE MULLION                    | FIRST CHOICE   | +/- 50 PSF      |                                                                                        |
| RM-01                                   | REMOVABLE MULLION      | JACKSON 896 W/ 3/4" X 1 5/16" ALUMINUM BAR | JACKSON        | +/- 60 PSF      |                                                                                        |
| OP-11                                   | -                      | INTERMEDIATE OFFSET PIVOT                  | CALIBRE        | +/- 50 PSF      |                                                                                        |



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TITLE:  
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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

HARDWARE CHART

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MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL17692**

DATE: **06.04.2025**

DWG. BY:  
**MS**

CHK. BY:  
**HFN**

SCALE: **NTS**

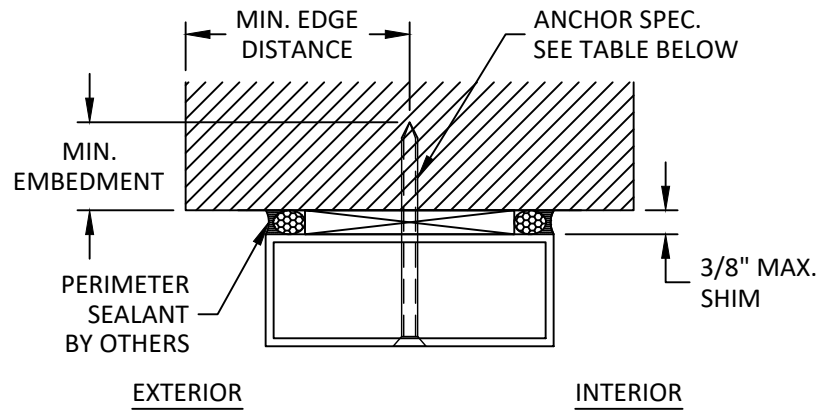
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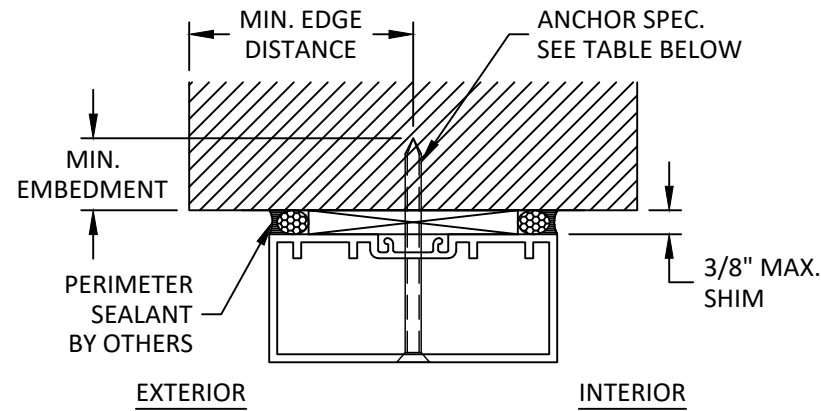
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REV. **A**

OF 31



**CE 24** INSTALLATION DETAIL  
DOOR HEAD  
FG-2000 FRAMING



**CG 24** INSTALLATION DETAIL  
DOOR HEAD  
FG-3000 FRAMING

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF  $\pm 1/4$  INCH 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 3/8 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.

NOTE: HEAD INSTALLATION SHOWN, JAMBS ARE SIMILAR.

| ANCHOR SCHEDULE    |                                                                   |                          |                                              |                    |
|--------------------|-------------------------------------------------------------------|--------------------------|----------------------------------------------|--------------------|
| LOCATION           | SUBSTRATE                                                         | ANCHOR TYPE              | MIN. EMBEDMENT                               | MIN. EDGE DISTANCE |
| HEAD, JAMB, & SILL | WOOD:<br>MIN. S.G. = 0.55                                         | #14 WOOD SCREW           | 1-1/2"                                       | 1"                 |
|                    | STEEL:<br>MIN. 1/8" A36, OR<br>MIN. 16 GA. ASTM<br>A653, GRADE 33 | 1/4" DEWALT<br>DRIL-FLEX | 3 THREADS MIN<br>PENETRATION BEYOND<br>METAL | 1/2"               |
|                    | ALUMINUM:<br>MIN. 1/8" THICK<br>MIN. 6063-T5                      |                          |                                              |                    |
|                    | CONCRETE:<br>MIN. f'c = 3000 psi                                  | 1/4" DEWALT<br>ULTRACON+ | 1"                                           | 2-1/2"             |
| JAMB               | MASONRY:<br>GROUT-FILLED BLOCK<br>per ASTM C90,<br>MIN. 2000 PSI  |                          | 1-3/4"                                       | 4"                 |



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ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

INSTALLATION DETAILS

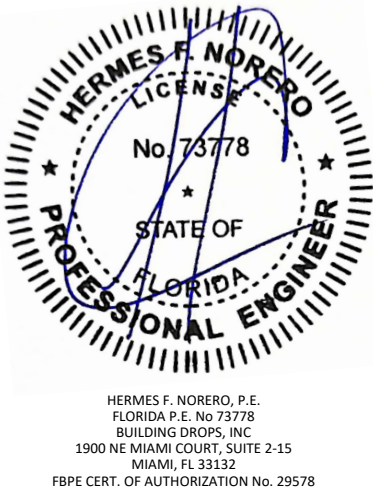
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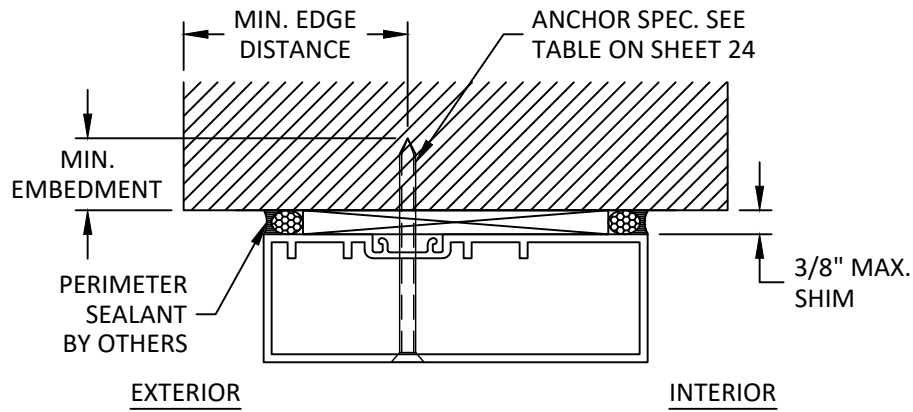
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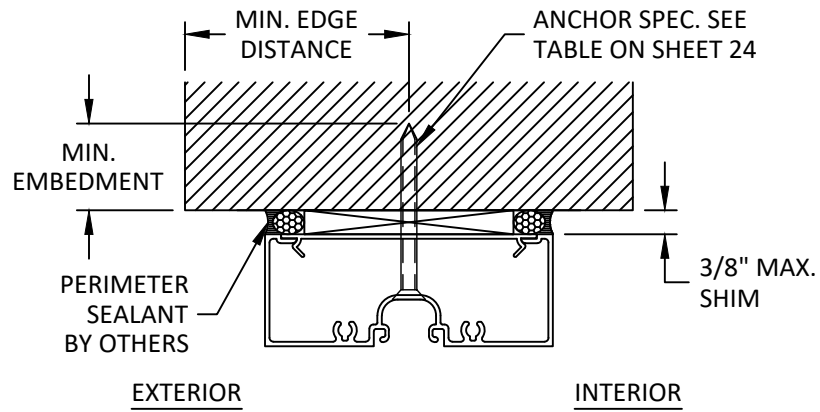


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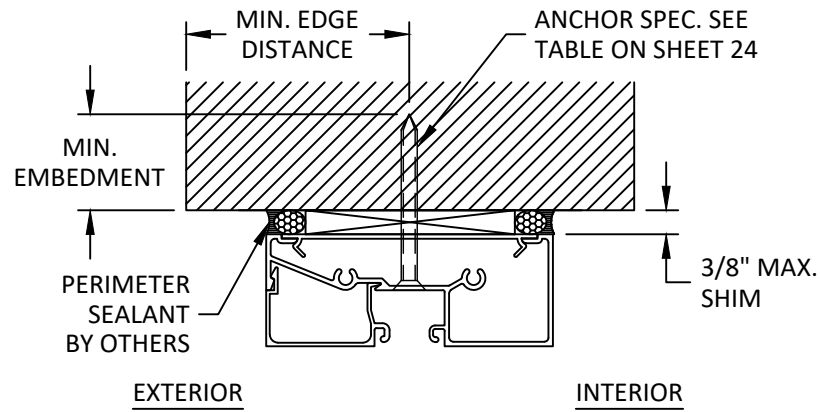
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**CI**  
**25** INSTALLATION DETAIL  
DOOR HEAD  
6000 MP FRAMING

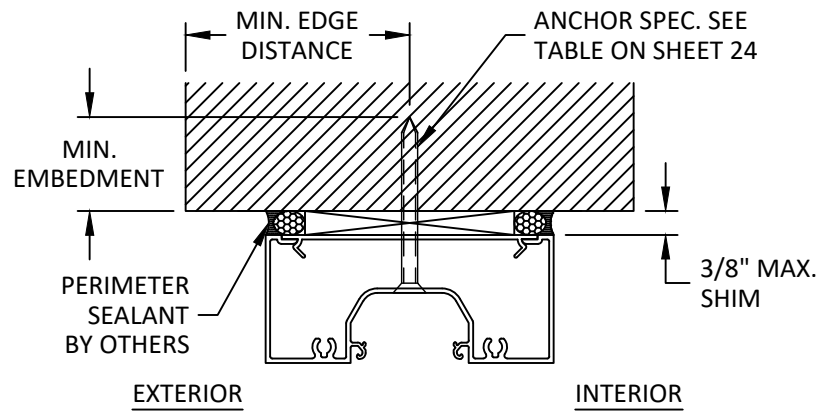


**CJ**  
**25** INSTALLATION DETAIL  
TRANSOM HEAD  
FG-2000 FRAMING

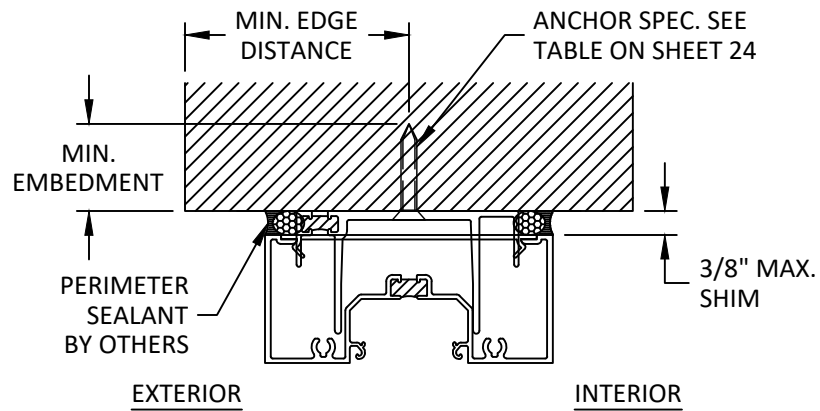


**CK**  
**25** INSTALLATION DETAIL  
TRANSOM HEAD  
FG-2000 FRAMING

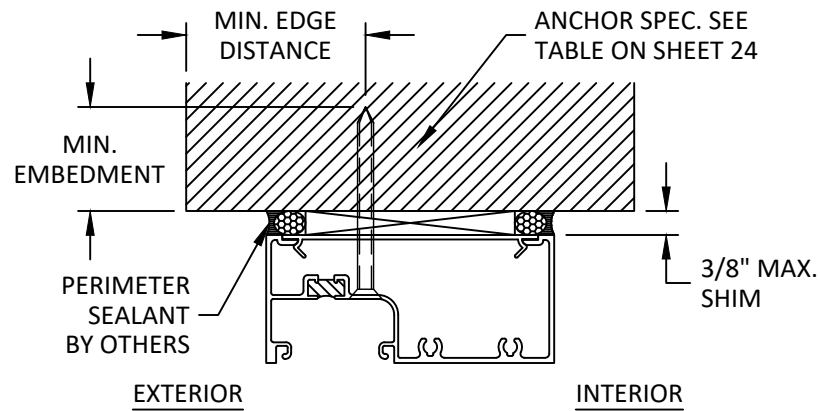
NOTE: HEAD INSTALLATION SHOWN, JAMBS ARE SIMILAR.



**CL**  
**25** INSTALLATION DETAIL  
TRANSOM HEAD  
FG-3000 FRAMING



**CM**  
**25** INSTALLATION DETAIL  
TRANSOM HEAD  
3000 MP FRAMING - CS



**CN**  
**25** INSTALLATION DETAIL  
TRANSOM HEAD  
3000 MP FRAMING - FS/BS



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TITLE:  
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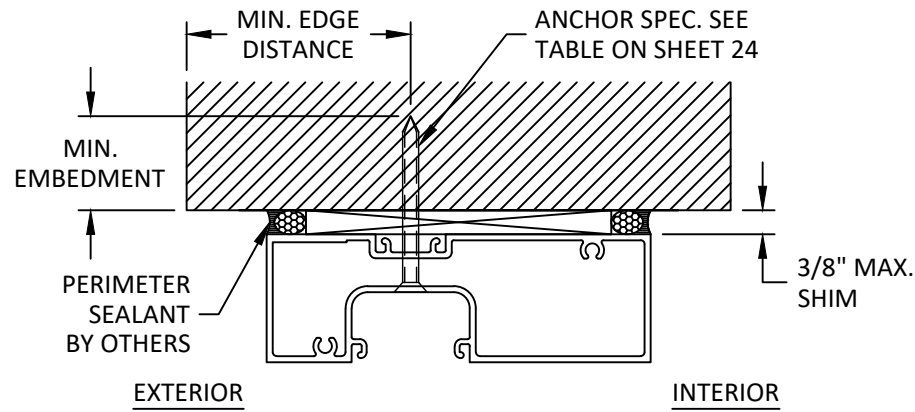
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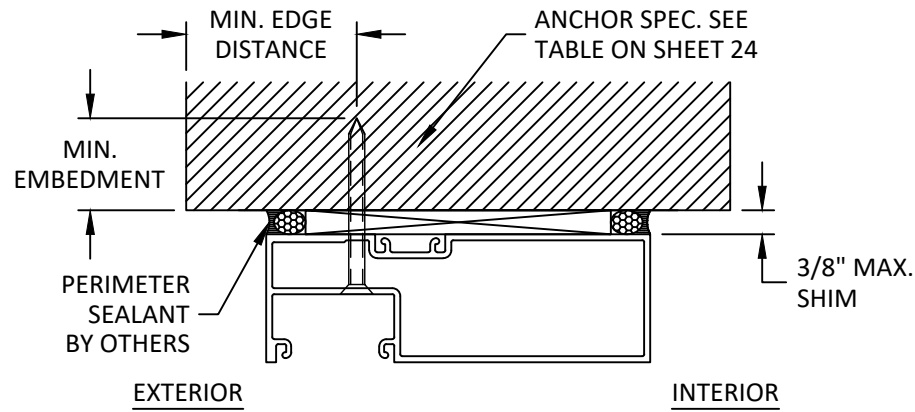
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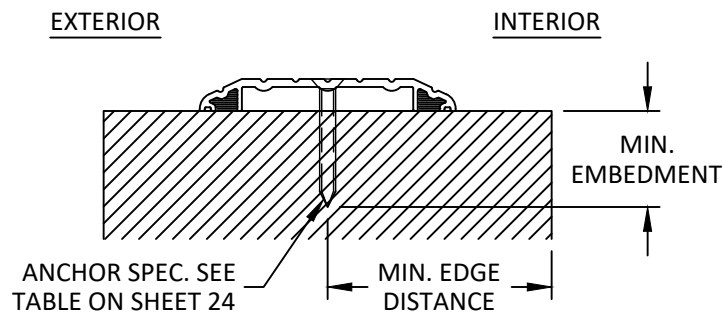


**CO 26** INSTALLATION DETAIL  
TRANSOM HEAD  
6000 MP FRAMING - CS

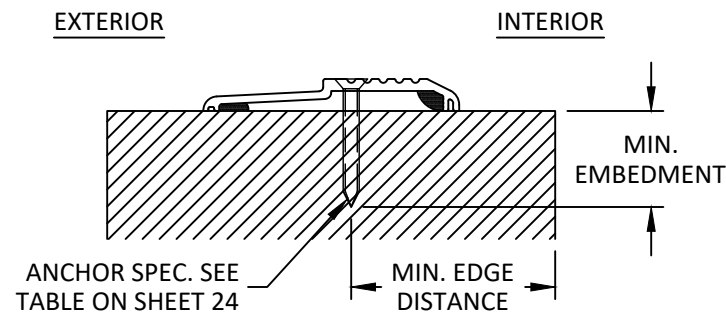


**CP 26** INSTALLATION DETAIL  
TRANSOM HEAD  
6000 MP FRAMING - FS/BS

NOTE: HEAD INSTALLATION SHOWN, JAMBS ARE SIMILAR.



**CQ 26** INSTALLATION DETAIL  
DOOR SILL



**CR 26** INSTALLATION DETAIL  
DOOR SILL



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**TITLE:**  
NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

**INSTALLATION DETAILS**

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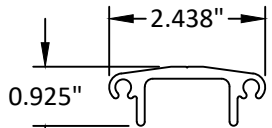
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| MS       | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | OBE013     |
| SHEET:   | REV. A     |

26

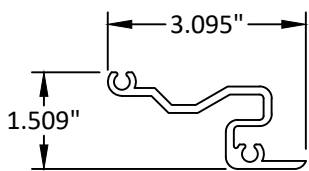
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BILL OF MATERIALS

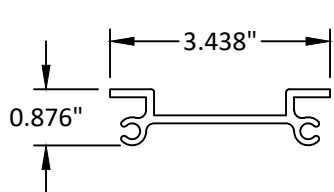
| ITEM # | PART #    | DESCRIPTION                                             | MATERIAL |
|--------|-----------|---------------------------------------------------------|----------|
| 1      | AC-103    | SHEAR BLOCK EXTRUSION                                   | 6063-T6  |
| 2      | AC-103-01 | SHEAR BLOCK                                             | 6063-T6  |
| 3      | AC-104    | SHEAR BLOCK EXTRUSION                                   | 6063-T6  |
| 4      | AC-104-01 | SHEAR BLOCK                                             | 6063-T6  |
| 5      | -         | -                                                       | -        |
| 6      | -         | -                                                       | -        |
| 7      | AC-107    | SHEAR BLOCK EXTRUSION                                   | 6063-T6  |
| 8      | AC-107-01 | SHEAR BLOCK 1-IN                                        | 6063-T6  |
| 9      | AC-108    | SHEAR BLOCK EXTRUSION                                   | 6063-T6  |
| 10     | AC-108-01 | SHEAR BLOCK FOR FG-3103                                 | 6063-T6  |
| 11     | AC-111    | SHEAR BLOCK EXTRUSION                                   | 6063-T6  |
| 12     | AC-111-01 | COC CLIP                                                | 6063-T6  |
| 13     | AC-112    | SHEAR BLOCK EXTRUSION OR COC SHEAR BLOCK CLIP EXTRUSION | 6063-T6  |
| 14     | AC-112-01 | COC CLIP                                                | 6063-T6  |
| 15     | AC-113-01 | CLIP FOR COC                                            | 6063-T6  |
| 16     | AC-123    | JAMB/HEADER CLIP FOR CLOSER (IS THIS TITLE CORRECT)     | 6063-T6  |
| 17     | AC-123-01 | HEADER CLIP FOR OHCC                                    | 6063-T6  |
| 18     | AN-2      | 1.0 X 1.0 X .125 ANGLE                                  | 6063-T5  |
| 19     | AN-2-02   | CLOSER ANGLE CLIP (THIS WAS PREVIOUSLY AN-2F)           | 6063-T5  |
| 20     | AS-6      | ASTRAGAL                                                | -        |
| 21     | BH-1      | 5-KNUCKLE STEEL BUTT HINGE                              | -        |
| 22     | BH1-NRP   | 5-KNUCKLE STEEL BUTT HINGE                              | -        |
| 23     | BH-6      | BUTT HINGE                                              | -        |
| 24     | BH-8      | STAINLESS STEEL BUTT HINGE                              | -        |
| 25     | BP-10     | CONCEALED CLOSURE COVER PLATE BACKUP PLATE              | -        |
| 26     | CL-1      | JACKSON CONCEALED OVERHEAD CLOSER                       | -        |
| 27     | CL-102    | OVERHEAD CONCEALED CLOSER                               | -        |
| 28     | CL-102A   | OFFSET ARM FOR CL-102                                   | -        |
| 29     | CVP-01    | JASKSON COVER PLATE (PREVIOUSLY J-1-CP)                 | -        |
| 30     | CY-1      | LOCK CYLINDER, TYPICAL                                  | -        |
| 31     | CY-2      | CYLINDER GUARD                                          | -        |
| 32     | CY-3      | 1-5/32" DIA THUMBTURN                                   | -        |
| 33     | CY-4      | 1-5/32" DUMMY CYLINDER                                  | -        |
| 34     | CY-5      | LOCK CYLINDER, PANIC DEVICE                             | -        |
| 35     | D-1       | TOP DOOR RAIL                                           | 6063-T5  |
| 36     | D-11      | MID-RAIL                                                | 6063-T5  |
| 37     | D-118     | BOTTOM SWEEP RETAINER                                   | 6063-T5  |
| 38     | D-12      | DOOR STILE                                              | 6063-T5  |
| 39     | D-120     | BOTTOM SWEEP GASKET                                     | SILICONE |
| 40     | D-123     | 1.000X.219X2.000 RIGID PVC SETTING BLOCK                | PVC      |
| 41     | D-13      | DOOR STILE                                              | 6063-T5  |
| 41A    | D-135     | MID-RAIL                                                | 6063-T5  |
| 42     | D-2       | TOP/MID/BOTTOM DOOR RAIL                                | 6063-T5  |
| 43     | D-208     | DOOR JAMB                                               | 6063-T6  |
| 44     | D-24      | INACTIVE STILE                                          | 6063-T5  |
| 45     | D-25      | INACTIVE STILE                                          | 6063-T5  |
| 46     | D-251     | DOOR JAMB SUBFRAME                                      | 6063-T6  |
| 47     | D-3       | DOOR STILE                                              | 6063-T5  |



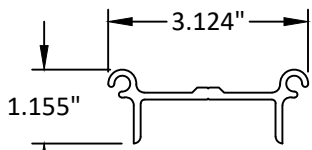
2 SHEAR BLOCK



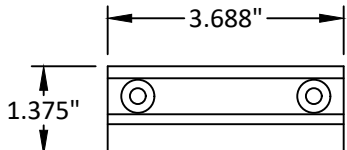
4 SHEAR BLOCK



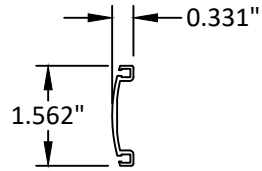
8 SHEAR BLOCK



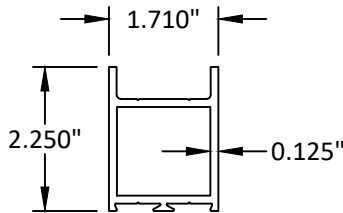
10 SHEAR BLOCK



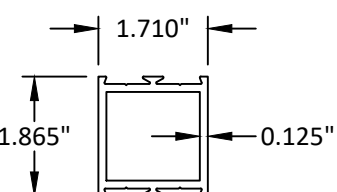
15 17 COC CLIP



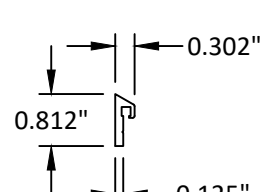
20 ASTRAGAL



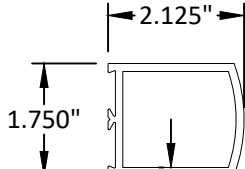
35 TOP DOOR RAIL



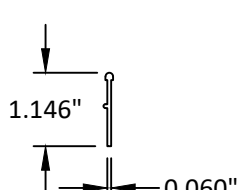
36 MID-RAIL



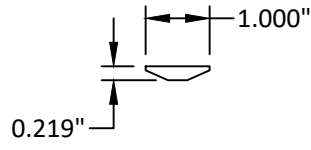
37 SWEEP RETAINER



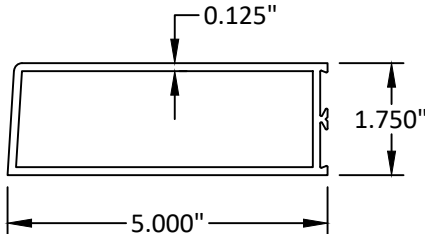
38 DOOR STILE



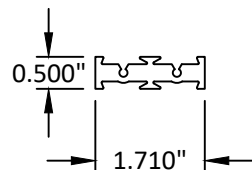
39 SWEEP GASKET



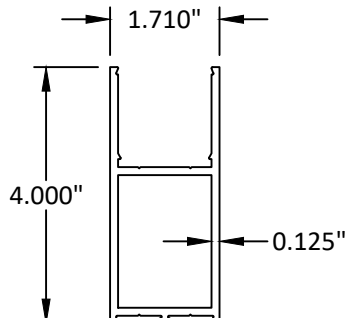
40 SETTING BLOCK



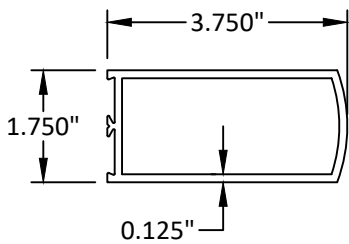
41 DOOR STILE



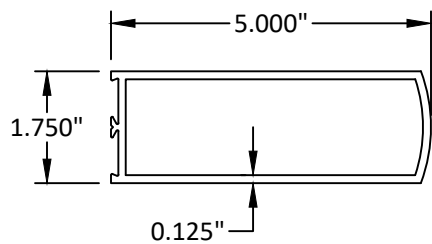
41A MID-RAIL



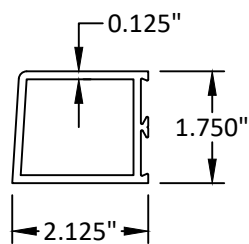
42 DOOR RAIL



44 INACTIVE STILE



45 INACTIVE STILE



47 DOOR STILE



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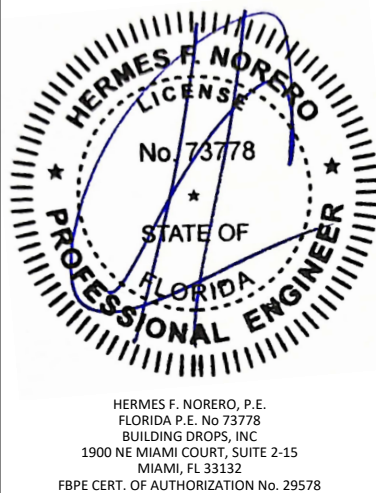
TITLE: NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

BILL OF MATERIALS & COMPONENTS

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

| REMARKS            | BY | DATE      |
|--------------------|----|-----------|
| A. 2026 FBC UPDATE | MS | 7/29/2026 |
|                    |    |           |
|                    |    |           |

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 #: **FL17692**

DATE: **06.04.2025**

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

SCALE: **NTS**

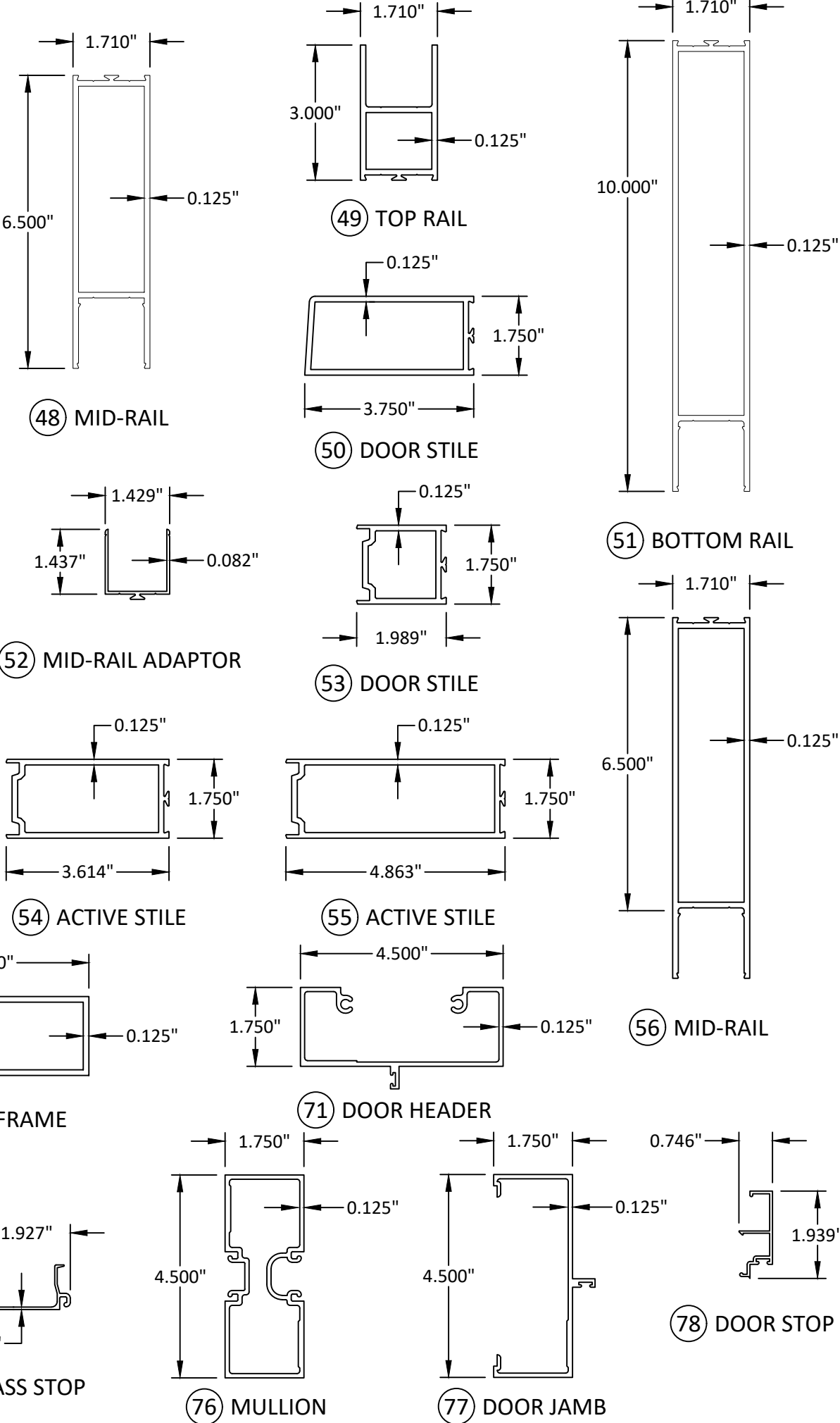
DWG. #: **OBE013**

SHEET: **27** REV. **A**

OF 31

BILL OF MATERIALS (CONT.)

| ITEM # | PART #  | DESCRIPTION                 | MATERIAL |
|--------|---------|-----------------------------|----------|
| 48     | D-30    | MID-RAIL                    | 6063-T5  |
| 49     | D-38    | TOP RAIL                    | 6063-T5  |
| 50     | D-6     | DOOR STILE                  | 6063-T5  |
| 51     | D-61    | BOTTOM RAIL                 | 6063-T6  |
| 52     | D-62    | MID-RAIL ADAPTOR / FILLER   | 6063-T6  |
| 53     | D-63    | DOOR STILE                  | 6063-T5  |
| 54     | D-69    | ACTIVE STILE                | 6063-T5  |
| 55     | D-70    | ACTIVE STILE                | 6063-T5  |
| 56     | D-71    | MID-RAIL                    | 6063-T6  |
| 57     | D-72    | TOP DOOR RAIL               | 6063-T6  |
| 58     | D-8     | TOP DOOR RAIL               | 6063-T5  |
| 59     | DS-1    | DOOR STOP                   | 6063-T5  |
| 60     | DS-104  | DOOR STOP                   | 6063-T6  |
| 61     | DS-108  | DOOR STOP                   | 6063-T5  |
| 62     | F-16    | 1.75 X 4.5 X125 TUBE        | 6063-T5  |
| 63     | FB-14   | ROUND FACE FLUSH BOLT       | -        |
| 64     | FB-14ST | FLUSH BOLT / STEEL TIP ONLY | -        |
| 65     | FB-15   | BOTTOM FLUSH BOLT           | -        |
| 66     | FB-16   | TOP FLUSH BOLT              | -        |
| 67     | FBG-3   | FLUSH BOLT GUIDE            | -        |
| 68     | FG-1133 | TYPICAL GLAZING GASKET      | EPDM     |
| 69     | FG-1134 | LIGHT GLAZING GASKET        | EPDM     |
| 70     | FG-1136 | SETTING BLOCK               | EPDM     |
| 71     | FG-2021 | DOOR HEADER                 | 6063-T6  |
| 72     | FG-2101 | MULLION                     | 6063-T6  |
| 73     | FG-2103 | MULLION                     | 6063-T6  |
| 74     | FG-2105 | HORIZONTAL SILL             | 6063-T6  |
| 75     | FG-2106 | GLASS STOP                  | 6063-T6  |
| 76     | FG-2107 | MULLION                     | 6063-T6  |
| 77     | FG-2118 | DOOR JAMB                   | 6063-T6  |
| 78     | FG-2120 | DOOR STOP                   | 6063-T6  |



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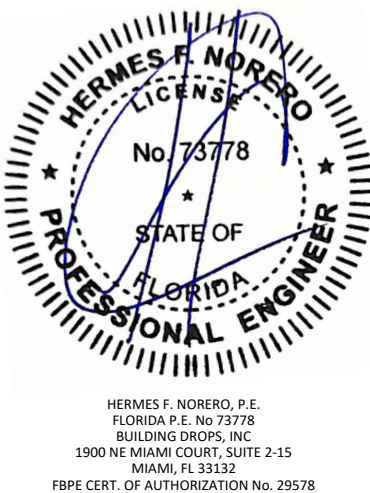
TITLE: NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

BILL OF MATERIALS & COMPONENTS

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| REMARKS            | BY | DATE      |
|--------------------|----|-----------|
| A. 2026 FBC UPDATE | MS | 7/29/2026 |
|                    |    |           |
|                    |    |           |
|                    |    |           |

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FL #: **FL17692**

DATE: **06.04.2025**

DWG. BY: **MS** CHK. BY: **HFN**

SCALE: **NTS**

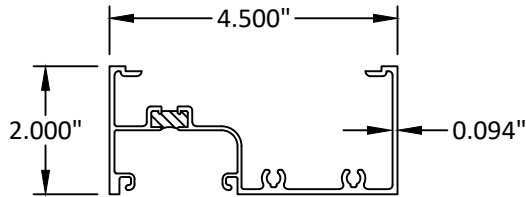
DWG. #: **OBE013**

SHEET: **28** REV. **A**

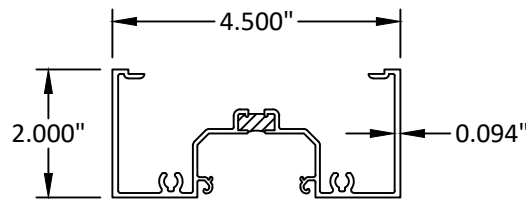
OF 31

BILL OF MATERIALS (CONT.)

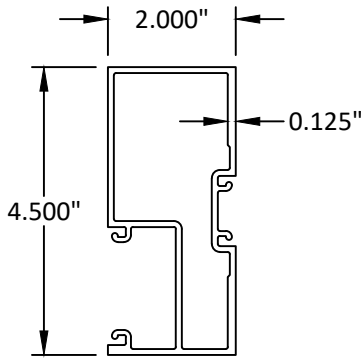
| ITEM # | PART #                                  | DESCRIPTION                                           | MATERIAL |
|--------|-----------------------------------------|-------------------------------------------------------|----------|
| 79     | FG-2122                                 | FLAT FILLER                                           | 6063-T6  |
| 80     | FG-2122-01                              | FLAT FILLER                                           | 6063-T6  |
| 81     | -                                       | -                                                     | -        |
| 83     | -                                       | -                                                     | -        |
| 84     | FG-2170                                 | DOOR STOP                                             | 6063-T5  |
| 85     | -                                       | -                                                     | -        |
| 86     | FG-2188                                 | FLAT FILLER                                           | PVC      |
| 87     | FG-3000-FP-29                           | SHEAR BLOCK                                           | 6063-T6  |
| 88     | FG-3000-FP-34                           | SHEAR BLOCK                                           | 6063-T6  |
| 89     | FG-3000-FP-48                           | SHEAR BLOCK                                           | 6063-T6  |
| 90     | FG-3000-FP-62<br>(MADE FROM<br>FG-3596) | SHEAR BLOCK                                           | 6063-T6  |
| 91     | FG-3103                                 | MULLION                                               | 6063-T6  |
| 92     | FG-3123                                 | POCKET FILLER 1" INFILL STOREFRONTS                   | 6063-T6  |
| 93     | FG-3155                                 | DOOR JAMB                                             | 6063-T5  |
| 94     | FG-3156                                 | DOOR JAMB                                             | 6063-T5  |
| 95     | FG-3157                                 | DOOR JAMB GLAZING ADAPTOR                             | 6063-T5  |
| 96     | FG-3158                                 | DOOR JAMB GLAZING ADAPTOR                             | 6063-T5  |
| 97     | FG-3160                                 | DOOR HEADER                                           | 6063-T5  |
| 98     | -                                       | -                                                     | -        |
| 99     | -                                       | -                                                     | -        |
| 100    | -                                       | -                                                     | -        |
| 101    | FG-3280                                 | OPEN BACK JAMB/SILL                                   | 6063-T6  |
| 102    | FG-3287                                 | DOOR JAMB                                             | 6063-T6  |
| 103    | FG-3289                                 | SHEAR BLOCK EXTRUSION                                 | 6063-T6  |
| 104    | FG-3324                                 | SASH                                                  | 6063-T6  |
| 105    | FG-3325                                 | SASH STOP                                             | 6063-T5  |
| 106    | FG-3342                                 | SETTING BLOCK                                         | EPDM     |
| 107    | FG-3345                                 | SHEAR BLOCK                                           | 6063-T6  |
| 108    | FG-3446                                 | SHEAR BLOCK                                           | 6063-T6  |
| 109    | FG-3495                                 | TRANSOM HEADER                                        | 6063-T6  |
| 110    | FG-6155                                 | DOOR JAMB SERIES 6000 MULTIPLANE CENTER SET (TUBULAR) | 6063-T6  |
| 111    | FG-6156                                 | JAMB MULLION                                          | 6063-T6  |
| 112    | FG-6160                                 | DOOR HEARER                                           | 6063-T6  |
| 113    | FG-6163                                 | DOOR HEADER                                           | 6063-T6  |



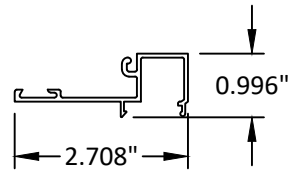
101 OPEN BACK JAMB/SILL



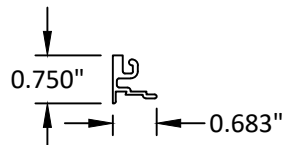
109 TRANSOM HEADER



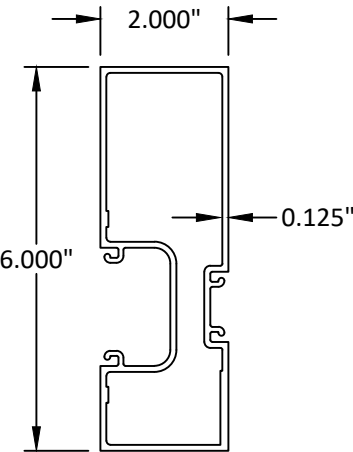
102 DOOR JAMB



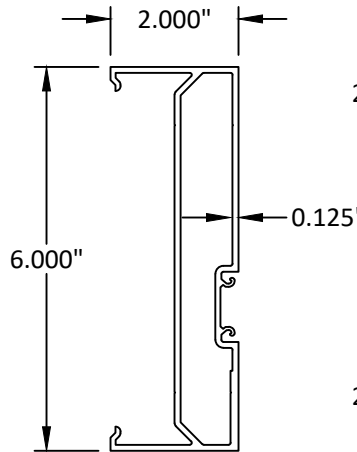
104 SASH



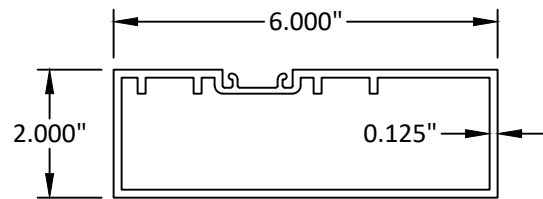
105 SASH STOP



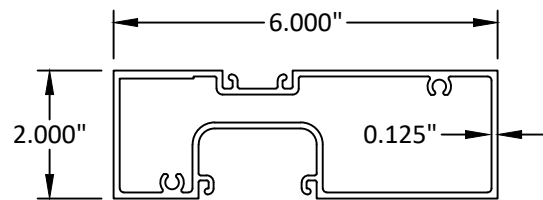
110 DOOR JAMB



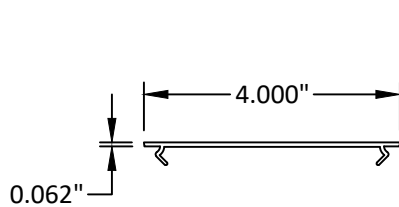
111 JAMB MULLION



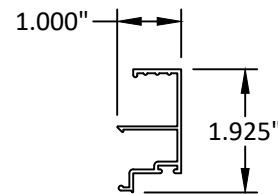
112 DOOR HEADER



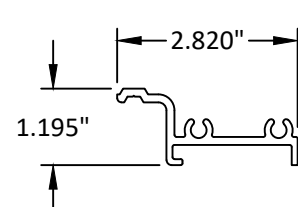
113 DOOR HEADER



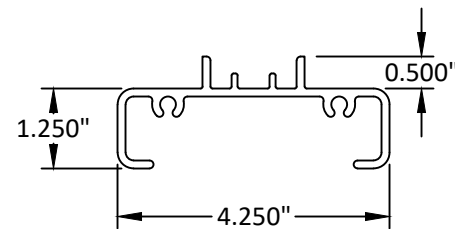
79 86 FLAT FILLER



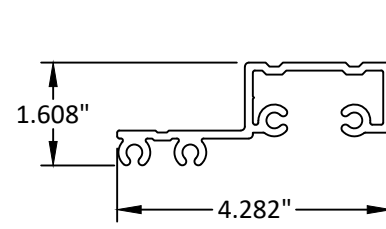
84 DOOR STOP



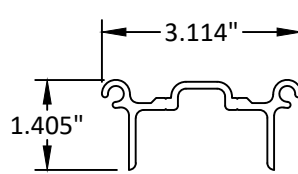
87 SHEAR BLOCK



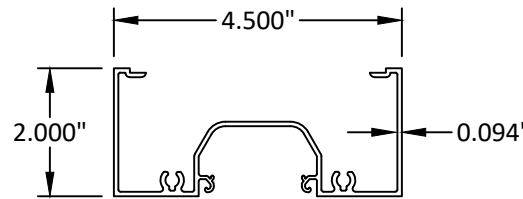
88 SHEAR BLOCK



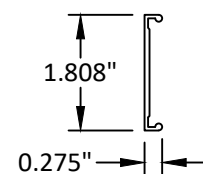
89 SHEAR BLOCK



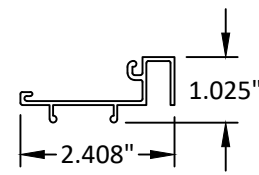
90 SHEAR BLOCK



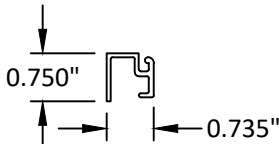
91 MULLION



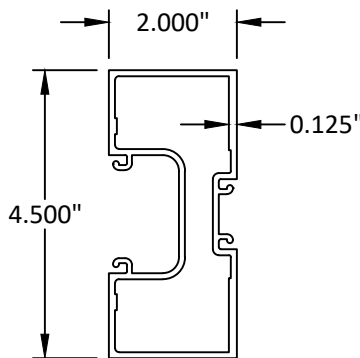
92 POCKET FILLER



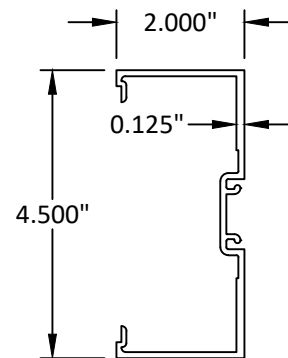
95 GLAZING ADAPTOR



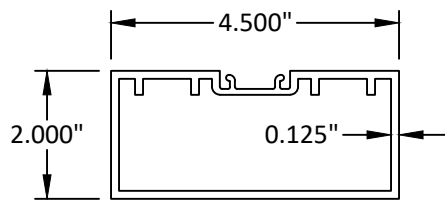
96 GLAZING ADAPTOR



93 DOOR JAMB



94 DOOR JAMB



97 DOOR HEADER



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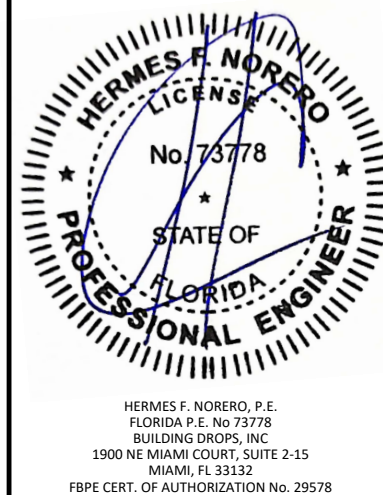
TITLE: NS-212, MS-375, & WS-500  
ALUMINUM ENTRANCE DOOR  
(NON-HVHZ) (NON-IMPACT)

BILL OF MATERIALS & COMPONENTS

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

| REMARKS            | BY | DATE      |
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| A. 2026 FBC UPDATE | MS | 7/29/2026 |
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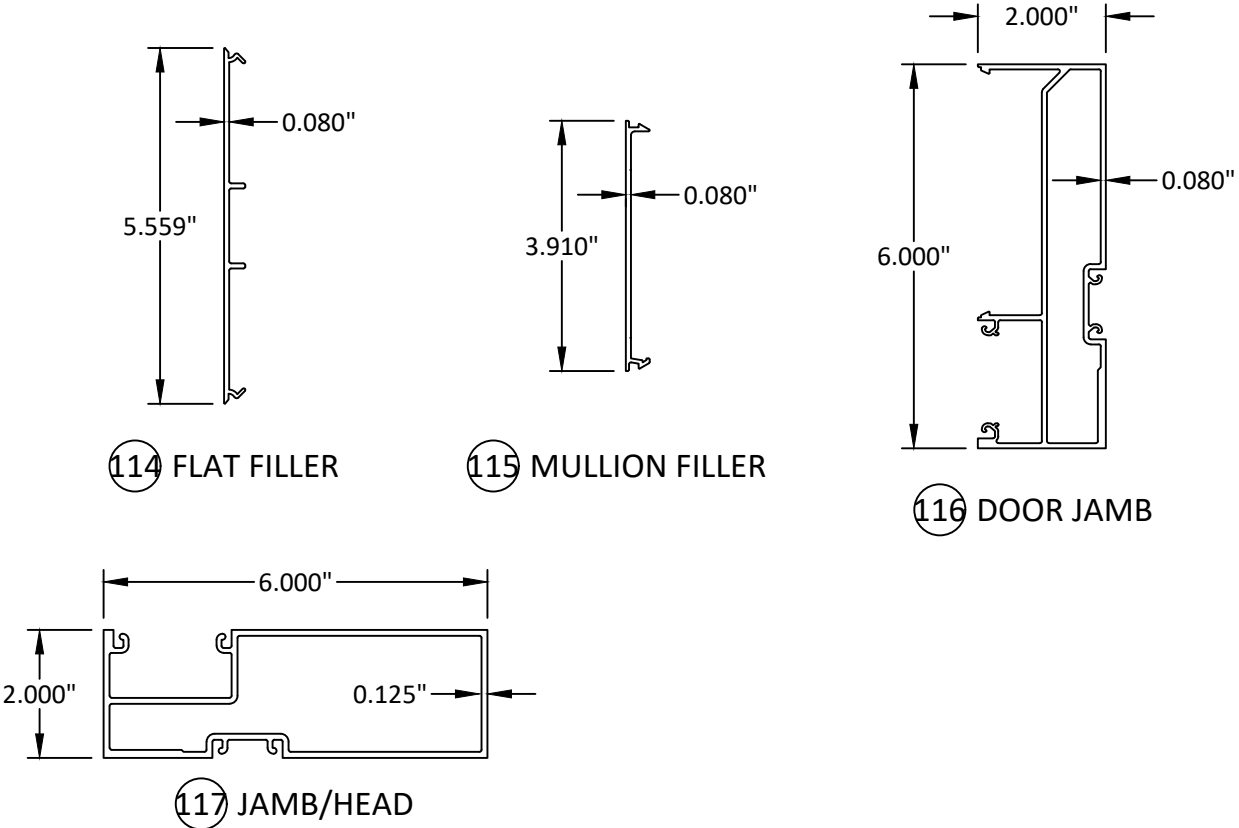


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| DWG. BY: | MS         |
| CHK. BY: | HFN        |
| SCALE:   | NTS        |
| DWG. #:  | OBE013     |
| SHEET:   | 29         |
| REV.     | A          |
| OF 31    |            |

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BILL OF MATERIALS (CONT.)

| ITEM # | PART #  | DESCRIPTION                                                        | MATERIAL |
|--------|---------|--------------------------------------------------------------------|----------|
| 114    | FG-6188 | FLAT FILLER, THERMAL, 6" STOREFRONTS                               | PVC      |
| 115    | FG-6284 | MULLION / HORZ. FILLER                                             | 6063-T5  |
| 116    | FG-6287 | DOOR JAMB MULLION                                                  | 6063-T6  |
| 117    | FG-6387 | JAMB/HEAD                                                          | 6063-T6  |
| 118    | FK-1    | PH20 BB FASTENER KIT                                               | -        |
| 119    | FK-2    | PB21 BB FASTENER KIT                                               | -        |
| 120    | FK-3    | PH20/PB21 BB FASTENER KIT                                          | -        |
| 121    | FK-4    | FK4 STD PANIC PULL HDW KIT                                         | -        |
| 122    | FP-1L   | FACE PLATE FOR 1750A-050 - LH BEVELED                              | -        |
| 123    | FP-1R   | FACE PLATE FOR 1750A-050 - RH BEVELED                              | -        |
| 124    | FP-2L   | FACE PLATE FOR 1850A - LH BEVELED                                  | -        |
| 125    | FP-2R   | FACE PLATE FOR 1850A - RH BEVELED                                  | -        |
| 126    | FP-3L   | FACE PLATE FOR 4710 DEADLATCH - LH BEVELED                         | -        |
| 127    | FP-3R   | FACE PLATE FOR 4710 DEADLATCH - RH BEVELED                         | -        |
| 128    | -       | -                                                                  | -        |
| 129    | FS-114  | #8 X 3/8 PHIL PAN T/S TYPE A                                       | STEEL    |
| 130    | FS-121  | 1/4"-20 X 1" HEX CAP SCREW 1/4-20 X 1/2 HEX TAP BOLT               | STEEL    |
| 131    | FS-125  | 10-24 X 1 1/4 PFH MS                                               | STEEL    |
| 132    | FS-135  | 1/4"-20 X 3" PPH MS ZINC                                           | STEEL    |
| 133    | FS-138  | 8-32 X 1/4 PFHMS UC                                                | STEEL    |
| 134    | FS-139  | 1/4-20 X 1 UNSLOT IND SERRATED WASHER MS                           | STEEL    |
| 135    | FS-14   | 1/4-20X1-1/8 PFH MS                                                | STEEL    |
| 136    | FS-140  | 1/4-20 X 3/4 SLOT IND SERRATED HEX WASHER T/C TYPE F               | STEEL    |
| 137    | FS-15   | 3/16 X 1/4 NOMINAL UNIVERSAL HEAD DRIVE RIVET                      | STEEL    |
| 138    | FS-18   | 1/4-20 X 2 1/2 PHIL TRUSS M/S                                      | STEEL    |
| 139    | FS-2    | #8 X 1/2 PFH TS TYPE A                                             | STEEL    |
| 140    | FS-22   | 12-24 X 1/2 PFHMS UC                                               | STEEL    |
| 141    | FS-230  | 5/16-18 X 1/2 HH BOLT                                              | STEEL    |
| 142    | FS-235  | 1/4-20 X 5/8 PFH MS                                                | STEEL    |
| 143    | FS-255  | ATTACHES COC CLIP TO DOOR JAMB                                     | STEEL    |
| 144    | FS-256  | 8 X 1-1/4 PRH A PT                                                 | STEEL    |
| 145    | FS-257  | 10-24 X 5/8 PFH TCS SS                                             | STEEL    |
| 146    | FS-322  | #12-14 X 1" HWH #3 PT DRILL FLEX                                   | STEEL    |
| 147    | -       | -                                                                  | -        |
| 148    | FS-329  | 1/4"-20 X 2 PHMS                                                   | STEEL    |
| 149    | FS-42   | #12 X 1/2" PFH UC B POINT                                          | STEEL    |
| 150    | FS-49   | ASTRAGAL ADJUSTMENT SCREW                                          | STEEL    |
| 151    | FS-50   | 8-32 X 1/2 PHIL FLAT M/S                                           | STEEL    |
| 152    | FS-55   | #10 X 1/2" PRH AB PT                                               | STEEL    |
| 153    | FS-56   | ATTACHES FG-3287 TO FG-3000-FP-48 SHEAR BLOCK                      | STEEL    |
| 154    | FS-58   | ATTACHES FG-3160 AND FG-6160 TO COC CLIP                           | STEEL    |
| 155    | FS-6    | ATTACHES TRANSOM SASHES AND SOME SHEAR BLOCKS TO HORIZONTALS       | STEEL    |
| 156    | FS-61   | #10-24 X 3/8" PFH MACHINE SCREW                                    | STEEL    |
| 157    | FS-7    | #10 X 3/4" PFH B PT                                                | STEEL    |
| 158    | FS-77   | #12-24 X 3/4 PFHMS                                                 | STEEL    |
| 159    | FS-78   | 10-32 X 1/2 PH FL HD 18-8 SS MS                                    | STEEL    |
| 160    | FS-8    | 1/4" X 1" "SLOTTED OR UNSLOT" IND HEX T/S TYPE B STL (GEOMET 720L) | STEEL    |
| 161    | FS-9    | TYPICAL SHEAR BLOCK VERTICAL FASTENER                              | STEEL    |
| 162    | FSN-37  | 1/4"-20 HEX NUT                                                    | STEEL    |
| 163    | FSN-90  | 1/4"-20 ALUMINUM RIVNUT                                            | ALUMINUM |
| 164    | FSW-65  | 1/4" LOCK WASHER                                                   | STEEL    |



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ALUMINUM ENTRANCE DOOR  
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BILL OF MATERIALS & COMPONENTS

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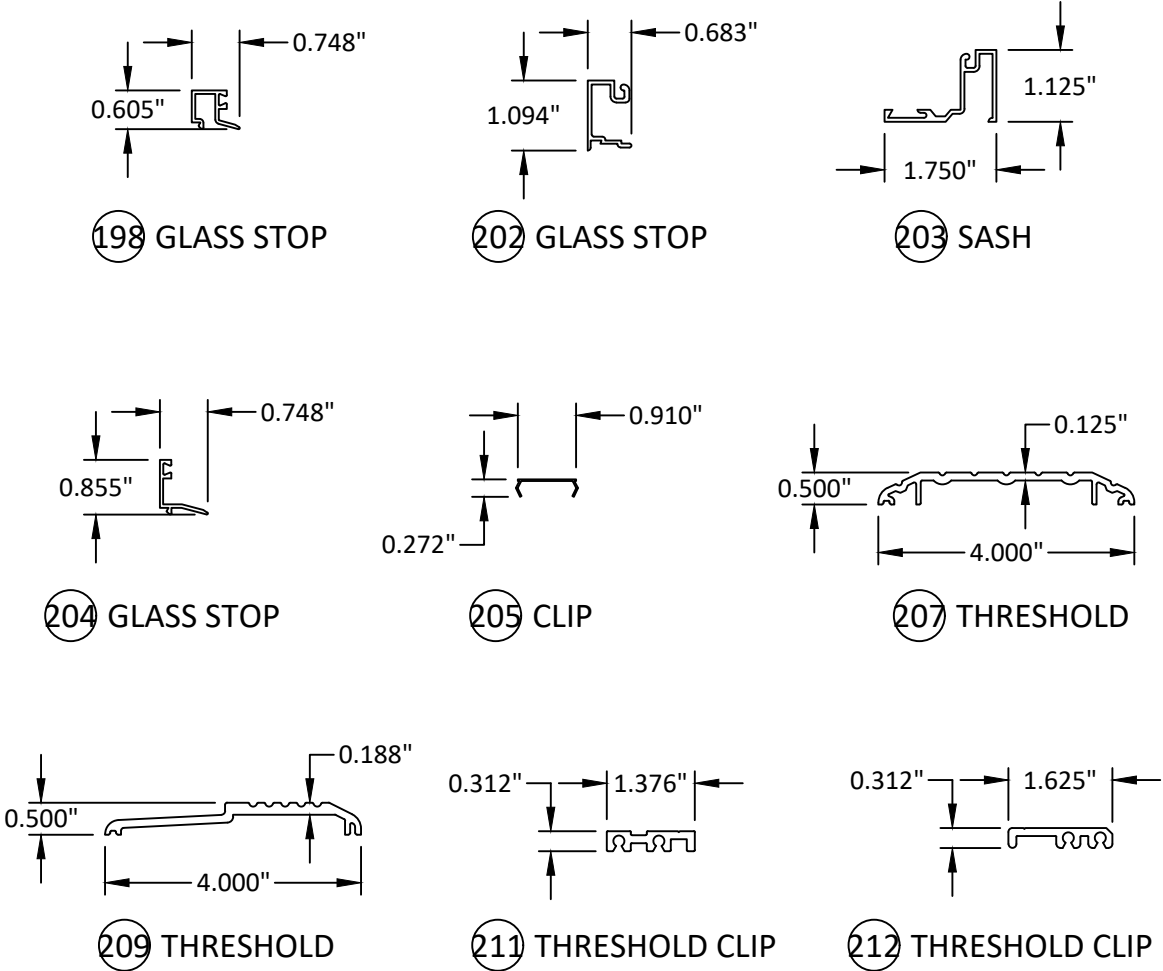
HERMES F. NORERO, P.E.  
FLORIDA P.E. No. 73778  
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FBPE CERT. OF AUTHORIZATION No. 29578

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BILL OF MATERIALS (CONT.)

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|--------|----------|-----------------------------------------------------|----------|
| 165    | GH-01    | GH01 780-224HDX83IN CGH                             | -        |
| 166    | GH-02    | CONTINUOUS GEAR HINGE                               | -        |
| 167    | GP-208   | SETTING BLOCK                                       | EPDM     |
| 168    | HP-17    | SETTING BLOCK                                       | EPDM     |
| 169    | LK-1     | ADAMS RITE 1853A-310 LONG THROW DEAD BOLT           | STEEL    |
| 170    | LK-2L    | DEADLATCH LEFT HAND                                 | -        |
| 171    | LK-2R    | DEADLATCH RIGHT HAND                                | -        |
| 172    | LK-3     | HOOK BOLT                                           | -        |
| 173    | LK-4     | ADAMS RITE 4015 THRESHOLD BOLT                      | -        |
| 174    | LK-5     | ADAMS RITE 4016 THRESHOLD BOLT                      | -        |
| 175    | MH-1     | END CAP                                             | -        |
| 176    | MH-2     | GLASS JACK BOLT CAP                                 | -        |
| 177    | MH-3     | LOCK MOUNT                                          | -        |
| 178    | MH-4     | EXIT INDICATOR                                      | -        |
| 179    | MH-5L    | LH LEVER HANDLE                                     | -        |
| 180    | MH-5R    | RH LEVER HANDLE                                     | -        |
| 181    | MH-7     | ADAMS RITE 41-0828 LOCK ROD GUIDE                   | -        |
| 182    | OP-10L   | LH BOTTOM OFFSET PIVOT                              | -        |
| 183    | OP-10R   | RH BOTTOM OFFSET PIVOT                              | -        |
| 184    | OP-11L   | INTERMEDIATE OFFSET PIVOT                           | -        |
| 185    | OP-11R   | RH INTERMEDIATE OFFSET PIVOT                        | -        |
| 186    | OP-6     | TOP FRAME PIVOT                                     | -        |
| 187    | OP-7     | OFFSET PIVOT TOP                                    | -        |
| 188    | OP-9     | OFFSET PIVOT BOTTOM                                 | -        |
| 189    | PB-21    | PB21 STANDARD PUSH 36IN CLR                         | -        |
| 190    | PH-12    | PULL HANDLE                                         | -        |
| 191    | PH-12B   | PULL HANDLE                                         | -        |
| 192    | PH-20    | PULL HANDLE                                         | -        |
| 193    | PH-20B   | PULL HANDLE FOR USE W/ PH-20                        | -        |
| 194    | PNC-1    | PUSH BAR RIM PANIC                                  | -        |
| 195    | PNC-2    | PUSH BAR CVR PANIC                                  | -        |
| 196    | PNC-3    | TOUCH BAR RIM PANIC                                 | -        |
| 197    | PNC-4    | TOUCH BAR CVR PANIC                                 | -        |
| 198    | S-120    | .250 GLAZE GLASS STOP                               | 6063-T5  |
| 199    | S-147    | .625 GLAZING GLASS STOP                             | 6063-T5  |
| 200    | S-46     | GLASS STOP                                          | 6063-T6  |
| 201    | S-47     | GLASS STOP                                          | 6063-T5  |
| 202    | S-52     | GLASS STOP                                          | 6063-T6  |
| 203    | S-53     | SASH                                                | 6063-T6  |
| 204    | S-81     | GLASS STOP                                          | 6063-T5  |
| 205    | SC-1     | SPRING CLIP FOR SCREW-APPLIED DOOR STOPS            | -        |
| 206    | SC-12    | 25GA STEEL SPRING CLIP FOR AS-6 ADJUSTABLE ASTRAGAL | -        |
| 207    | TH-43    | THRESHOLD                                           | 6063-T5  |
| 208    | TH-44    | THRESHOLD CLIP                                      | 6063-T5  |
| 209    | TH-49    | THRESHOLD                                           | 6063-T5  |
| 210    | TH-51    | THRESHOLD CLIP                                      | 6063-T5  |
| 211    | TH-FP-01 | THRESHOLD CLIP FOR TH-43                            | 6063-T5  |
| 212    | TH-FP-03 | THRESHOLD CLIP FOR TH-49                            | 6063-T5  |
| 213    | V-32     | GASKET                                              | EPDM     |
| 214    | WP-084   | DOOR STOP WEATHERSTRIPPING                          | WOOL     |
| 215    | WP-085   | ASTRAGAL WEATHERSTRIPPING                           | WOOL     |



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