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OLDCASTLE BUILDINGENVELOPE®

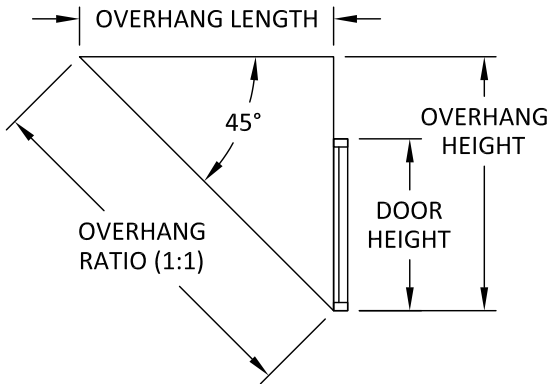
NS-212, MS-375, & WS-500 ALUMINUM ENTRANCE DOOR

(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

- 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)
- 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.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- PROFILE MATERIALS: ALUMINUM 6063-T5/6063-T6.
- 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

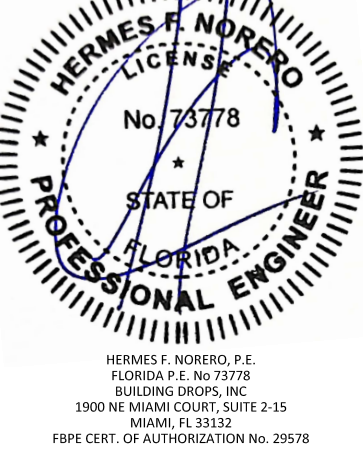
PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

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REMARKS	BY	DATE

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Reason: I am approving this document
Date: 2025.07.03 15:33:51 -04'00'



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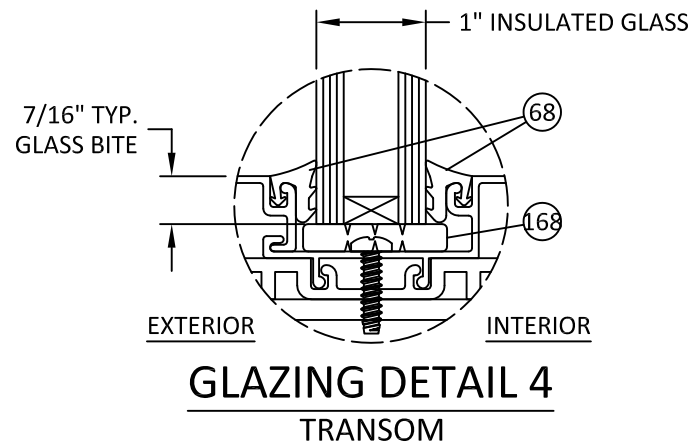
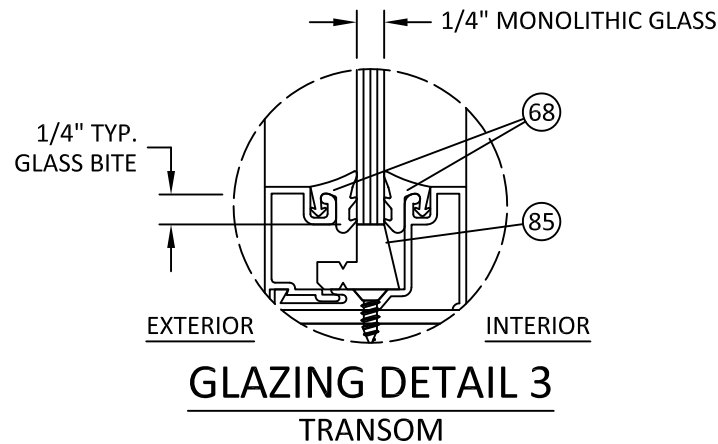
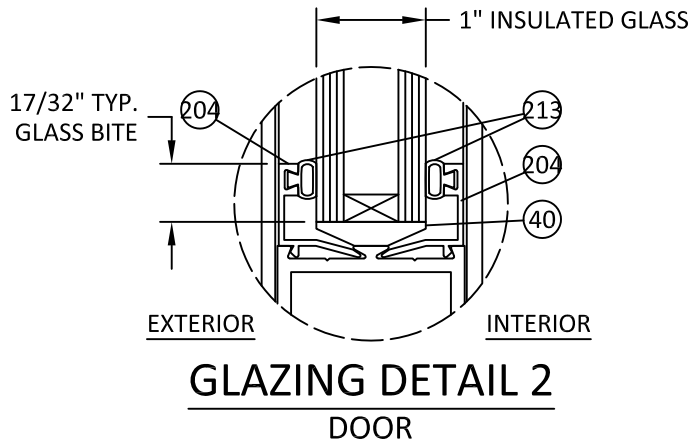
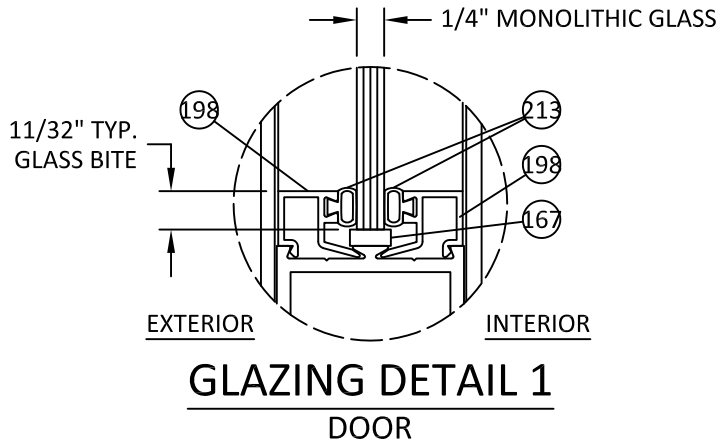
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SCALE: **NTS**

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SHEET: **1** OF 31

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- GLAZING NOTES:**
- GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. 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 IN SHEET 1.



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GLAZING DETAILS

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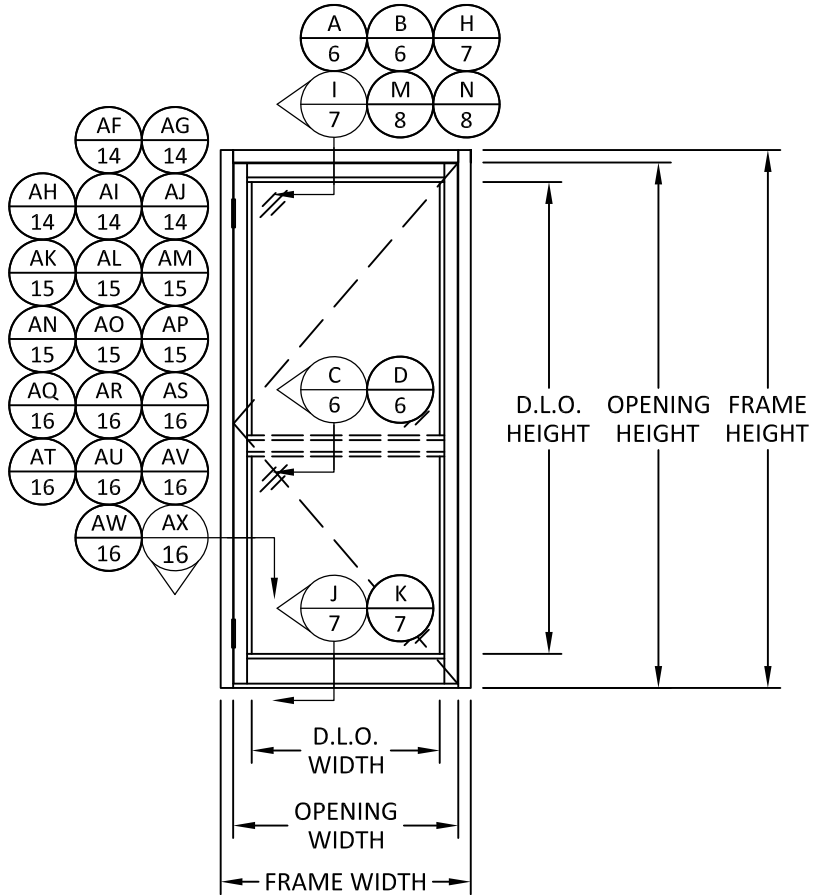
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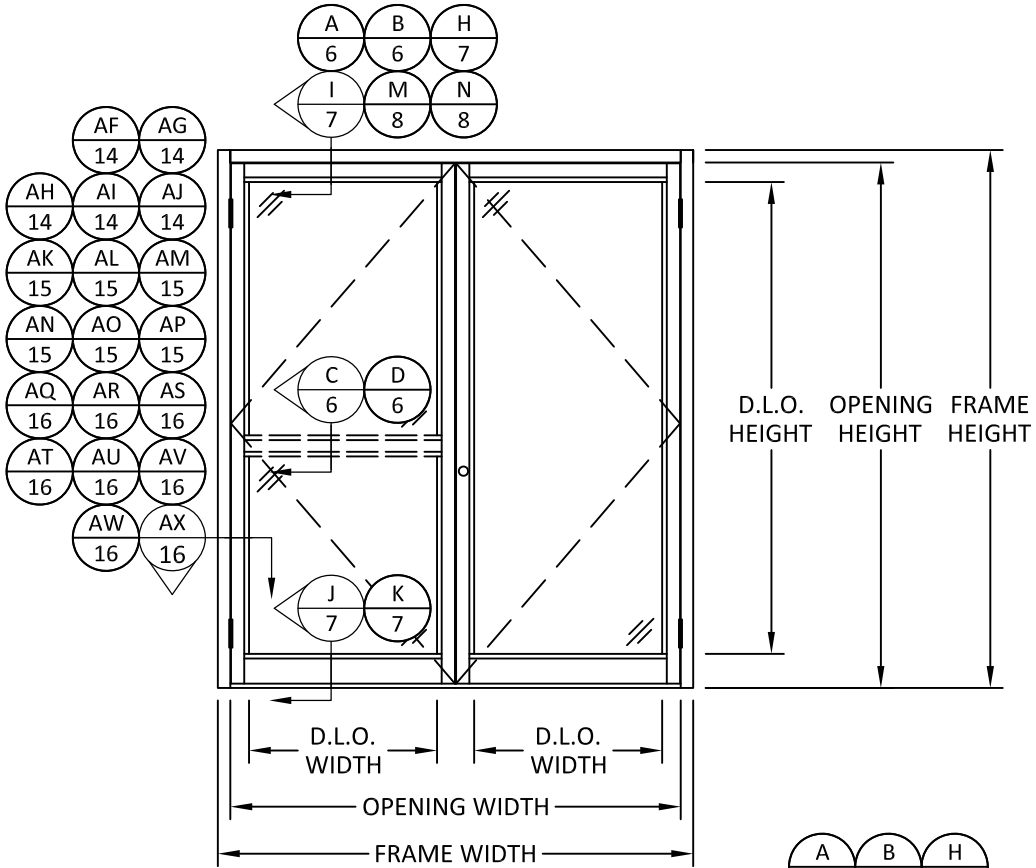
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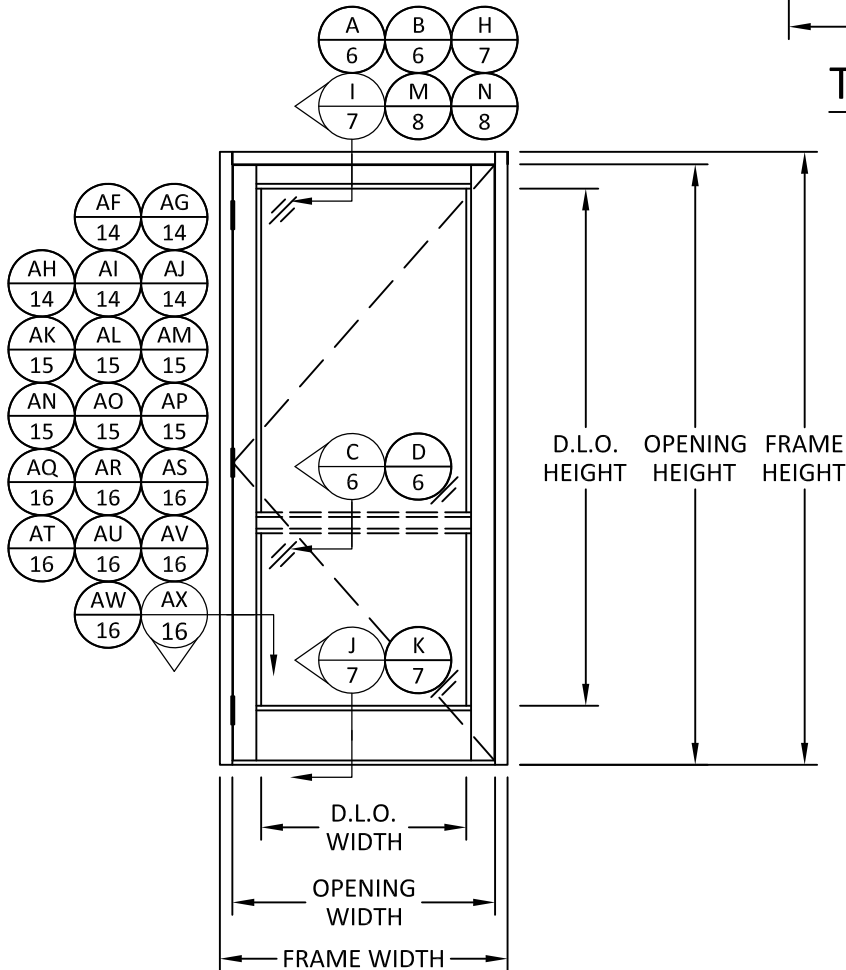
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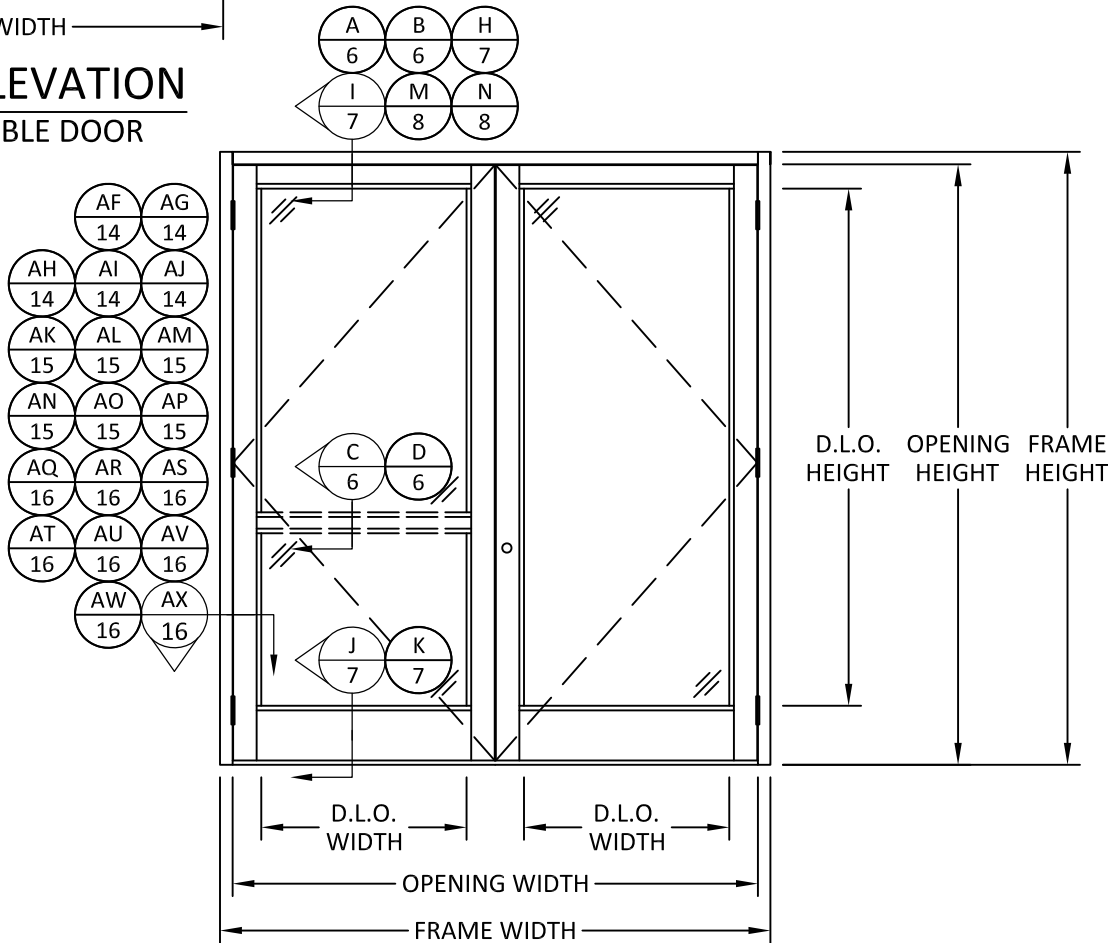
TYPICAL ELEVATION
NS-212 SINGLE DOOR



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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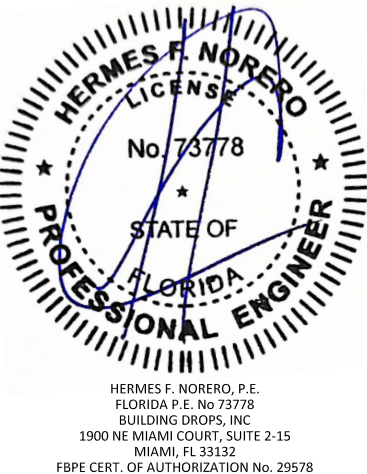
TYPICAL ELEVATIONS

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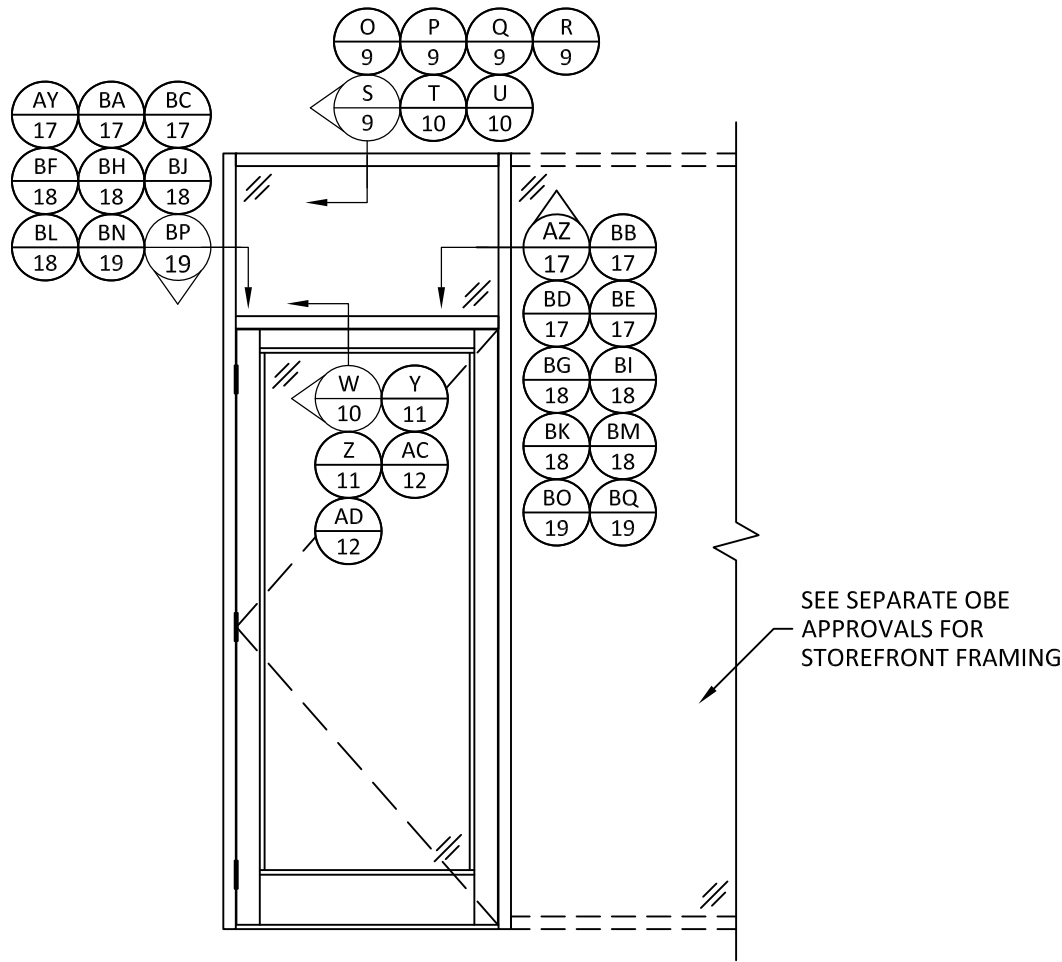
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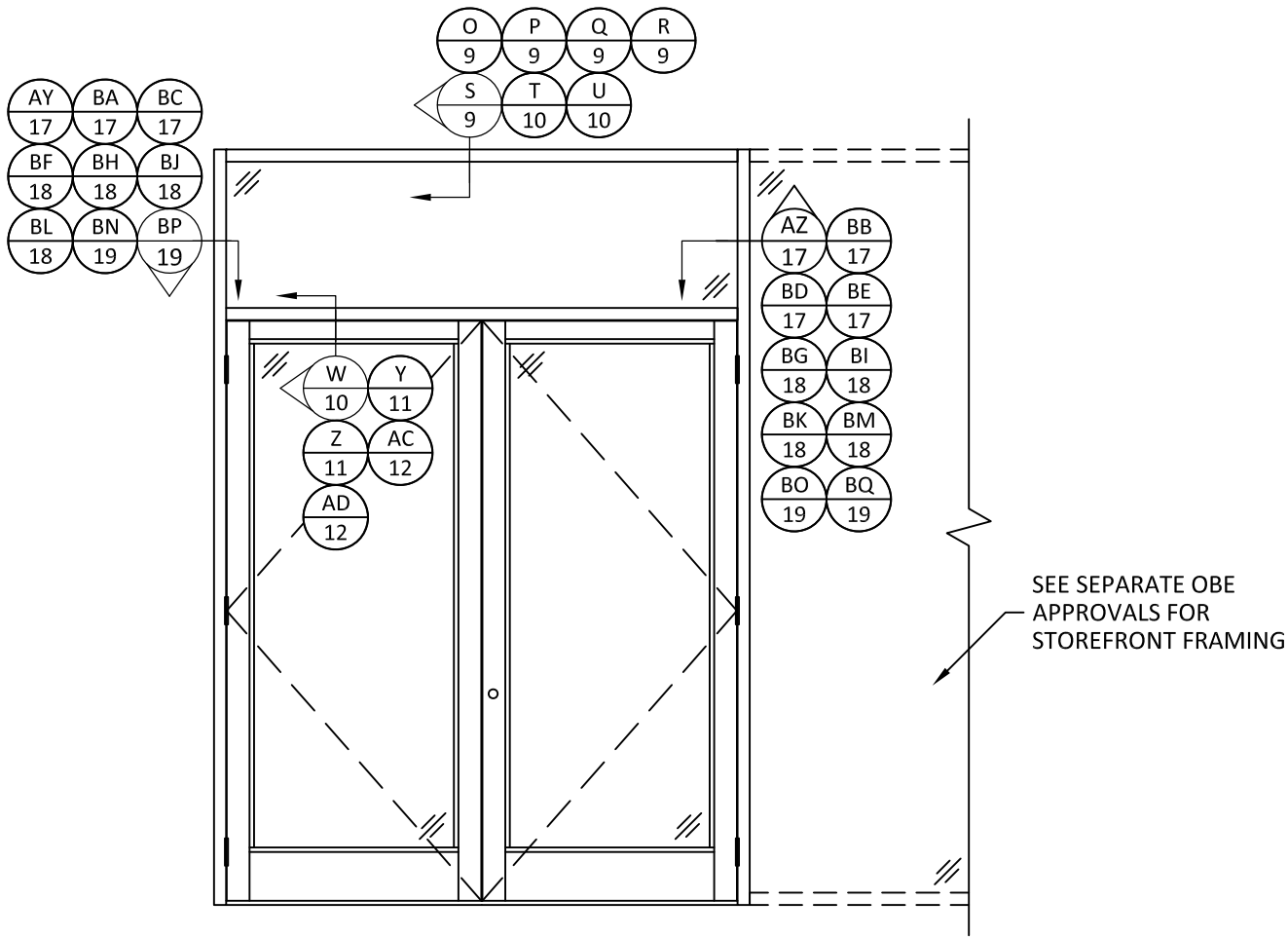
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TYPICAL ELEVATION
SINGLE DOOR W/ TRANSOM AND SIDELITE



TYPICAL ELEVATION
DOUBLE DOOR W/ TRANSOM AND SIDELITE



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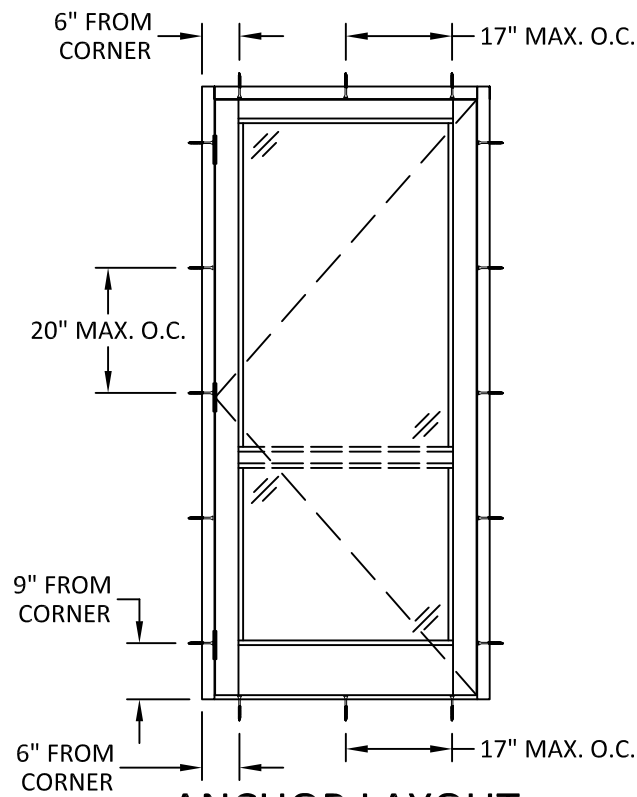
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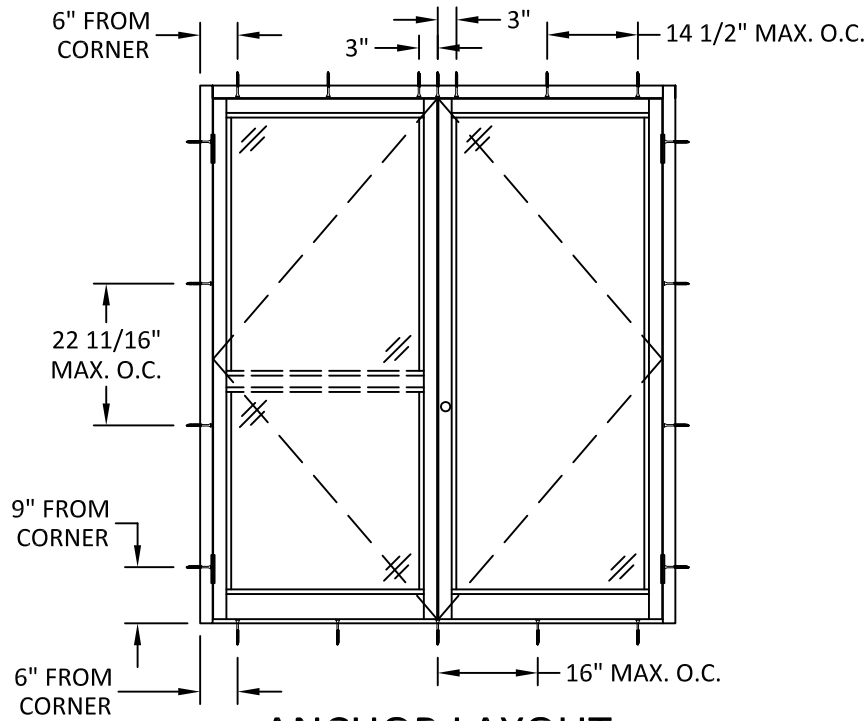
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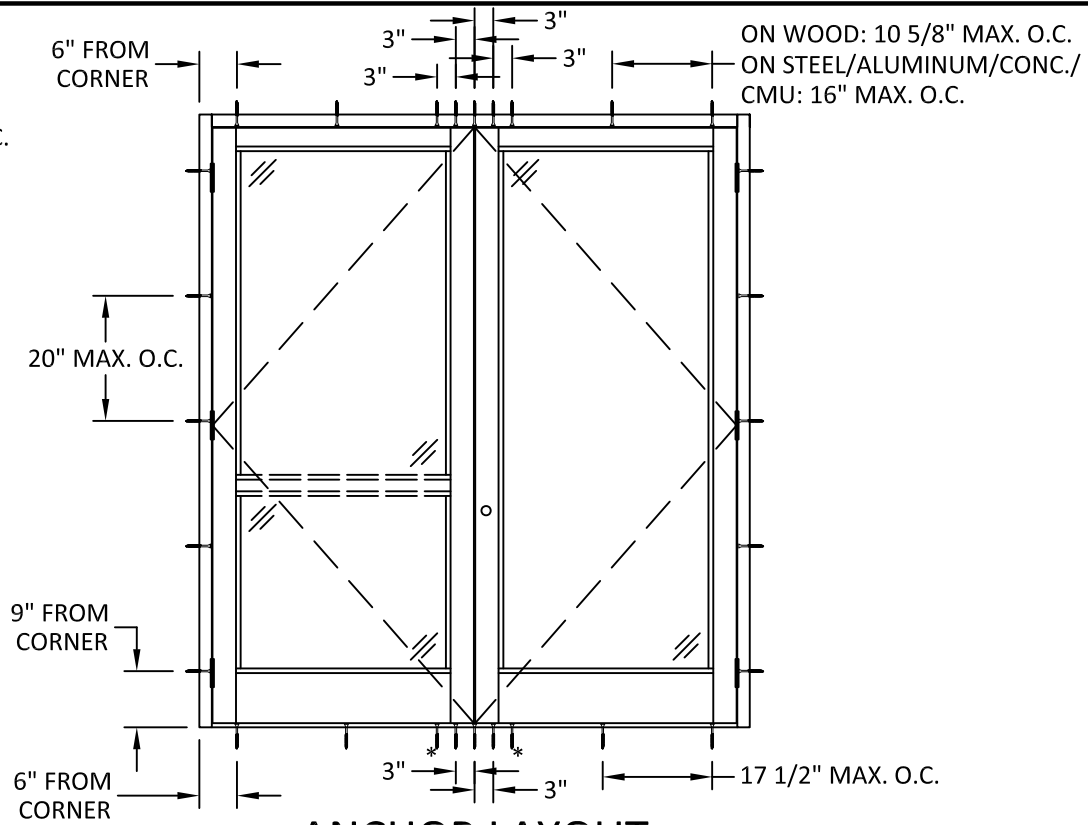
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ANCHOR LAYOUT
SINGLE DOOR

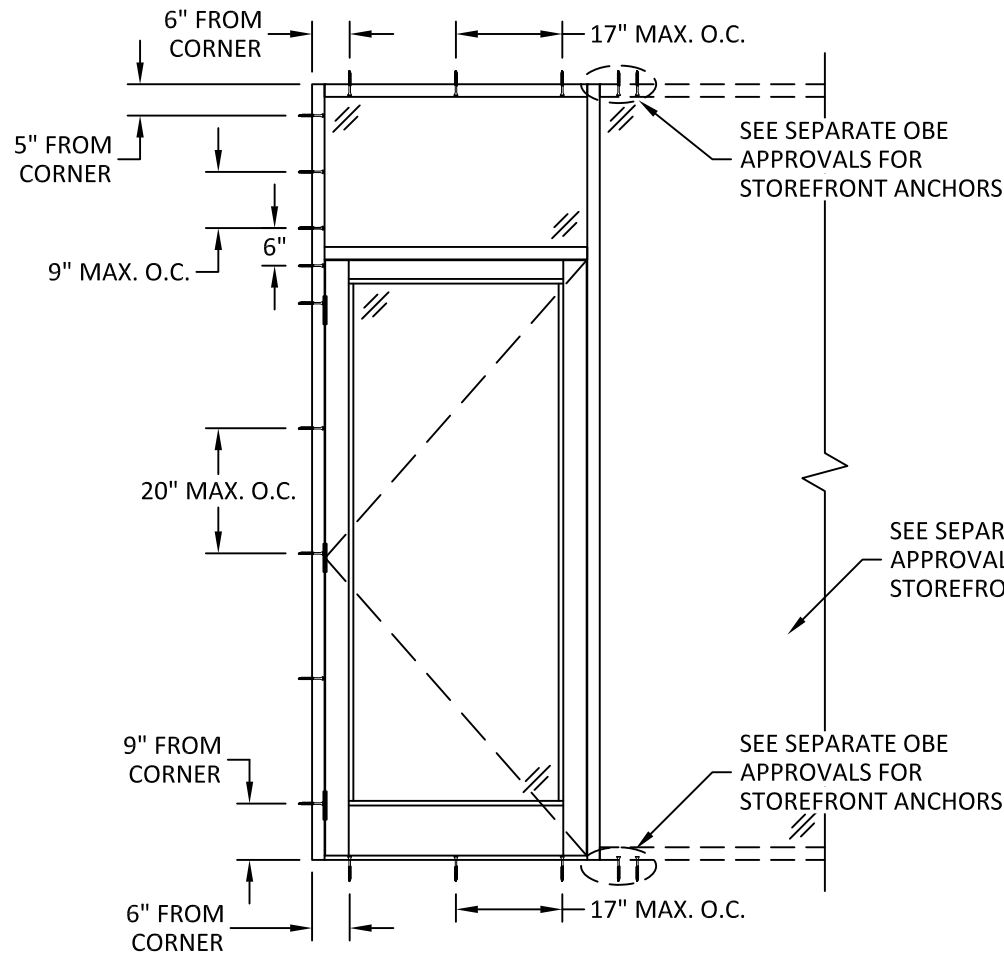


ANCHOR LAYOUT
DOUBLE DOOR, DP35 & DP50

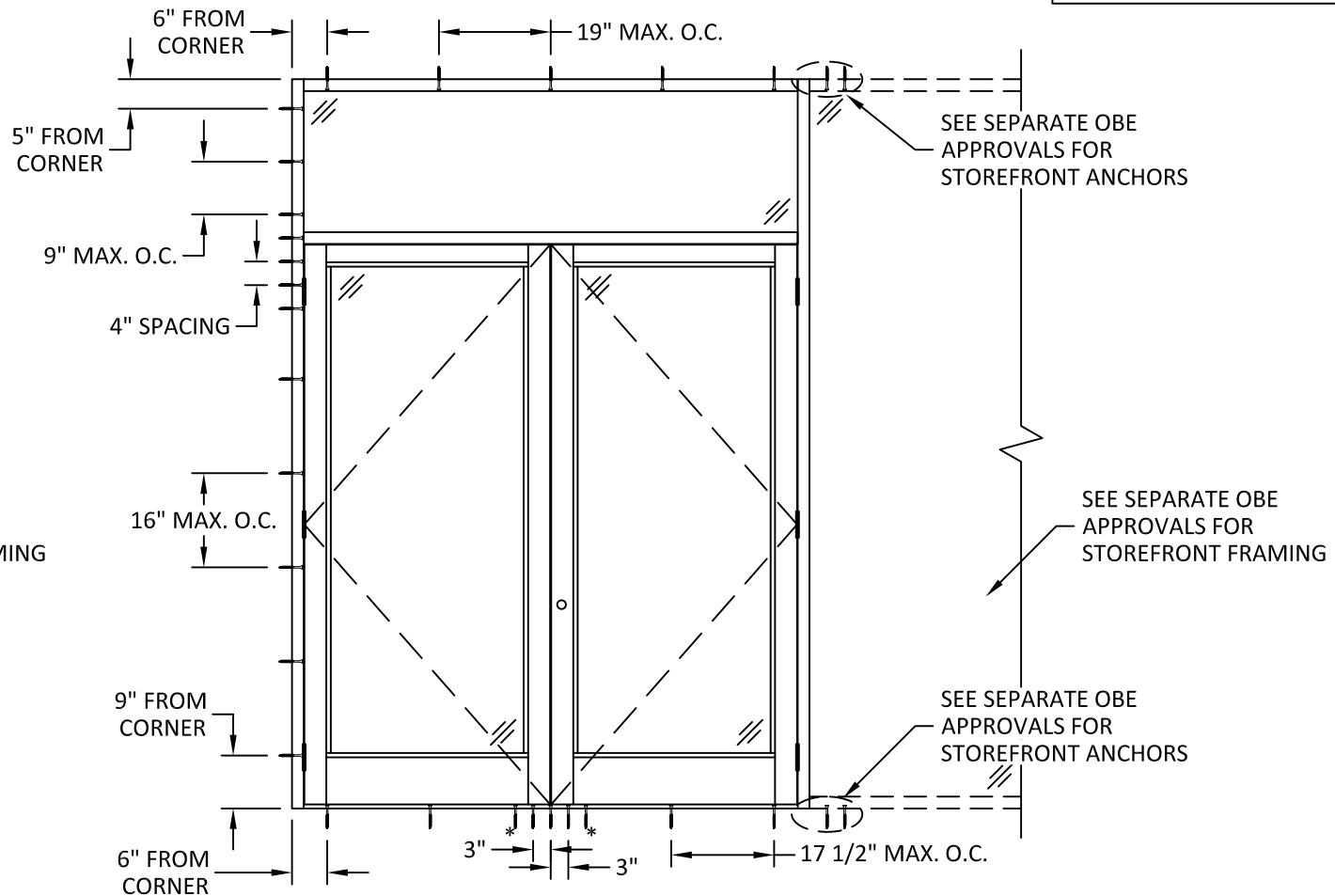


ANCHOR LAYOUT
DOUBLE DOOR, DP70

* 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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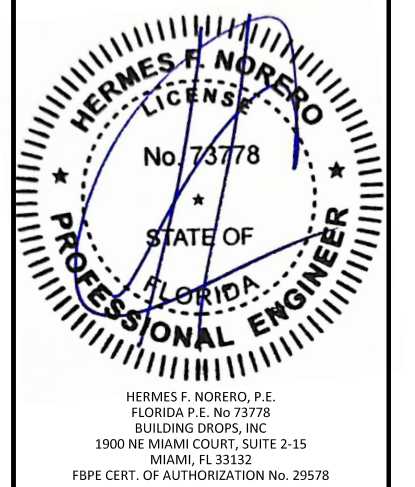
ANCHOR LAYOUTS

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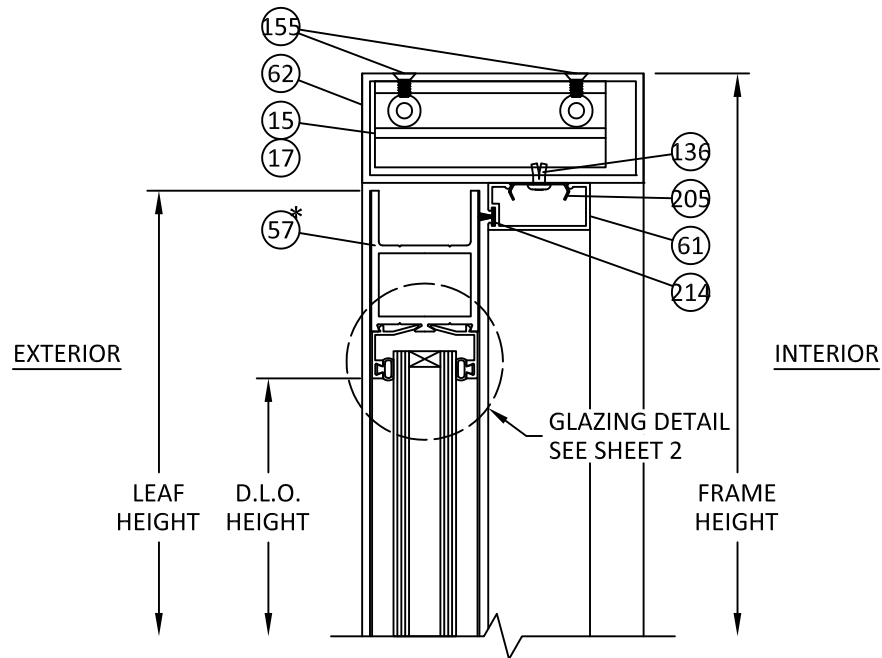
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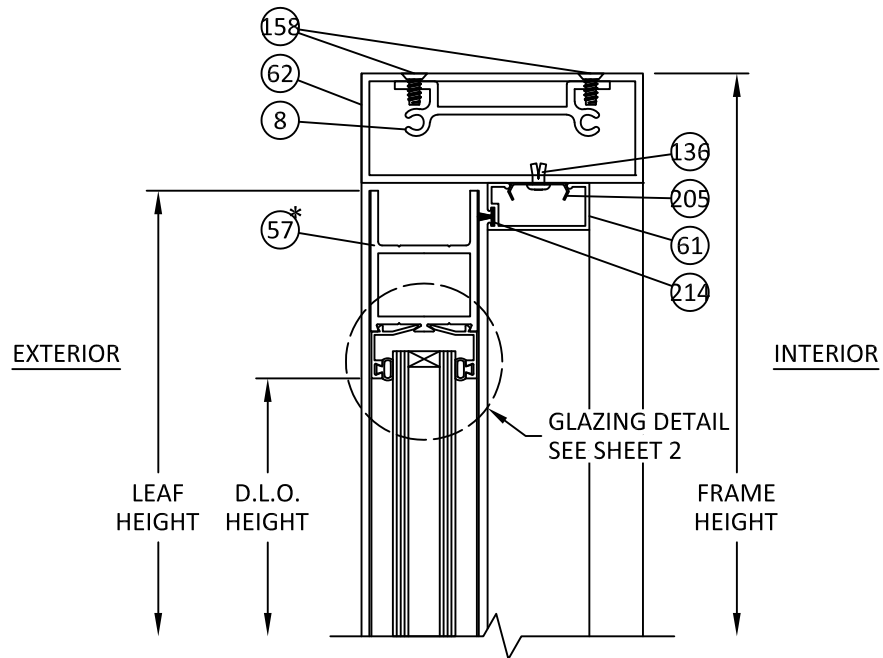


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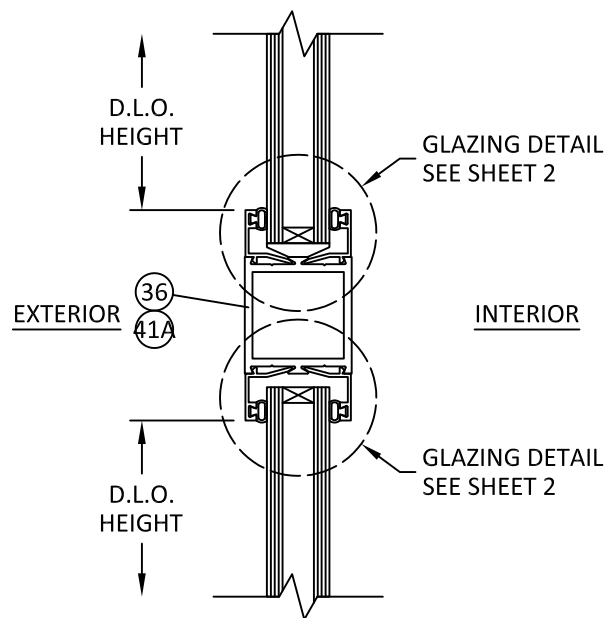


A
6 VERTICAL SECTION
DOOR HEAD
FG-2000 FRAMING

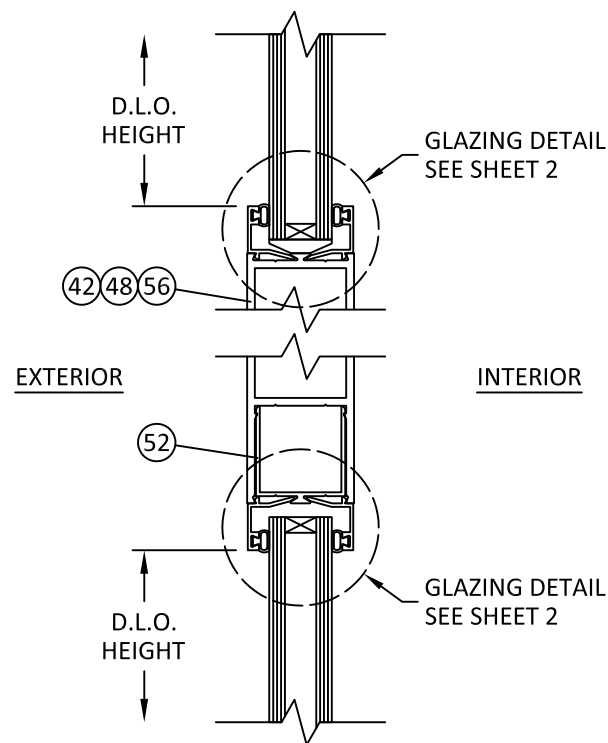


B
6 VERTICAL SECTION
DOOR HEAD
FG-2000 FRAMING

* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



C
6 VERTICAL SECTION
MID-RAIL



D
6 VERTICAL SECTION
MID-RAIL



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VERTICAL SECTIONS

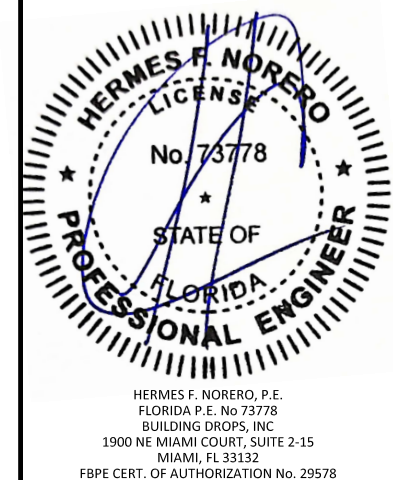
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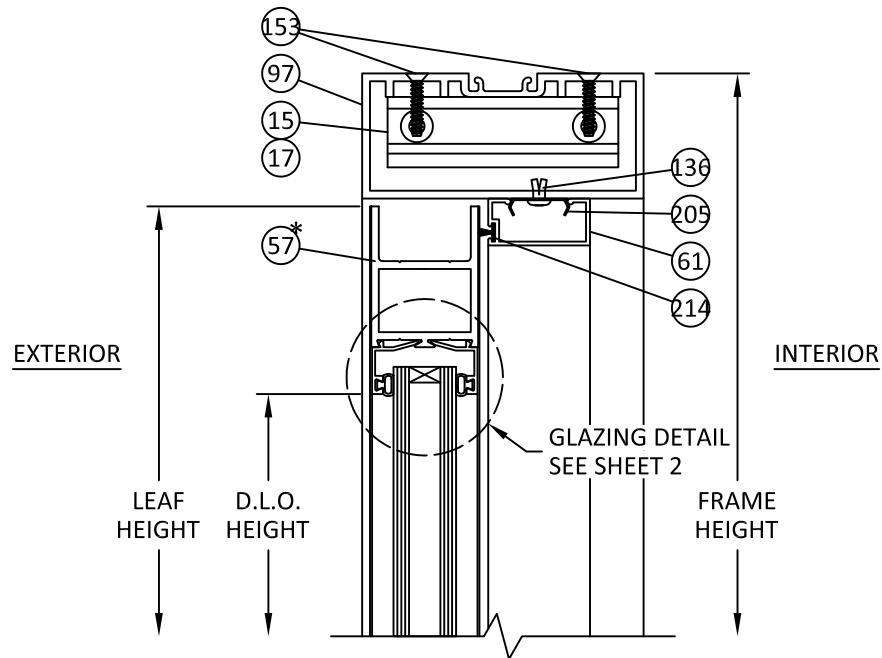
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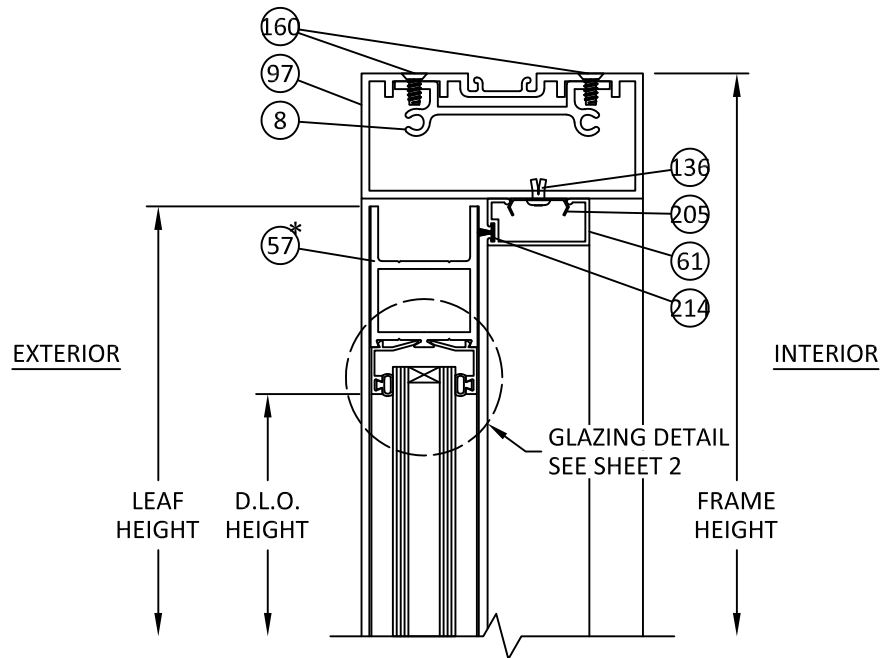
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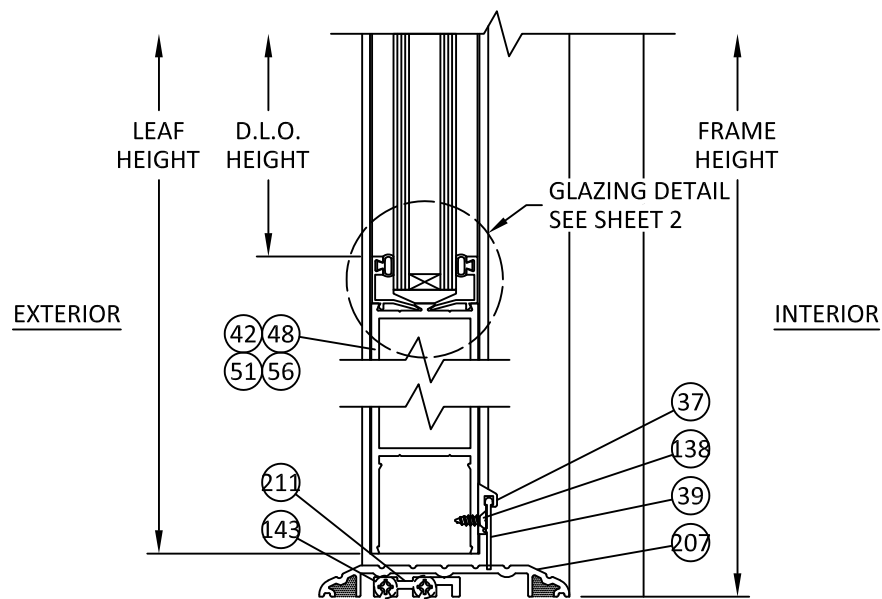


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7 VERTICAL SECTION
DOOR HEAD
FG-3000 FRAMING

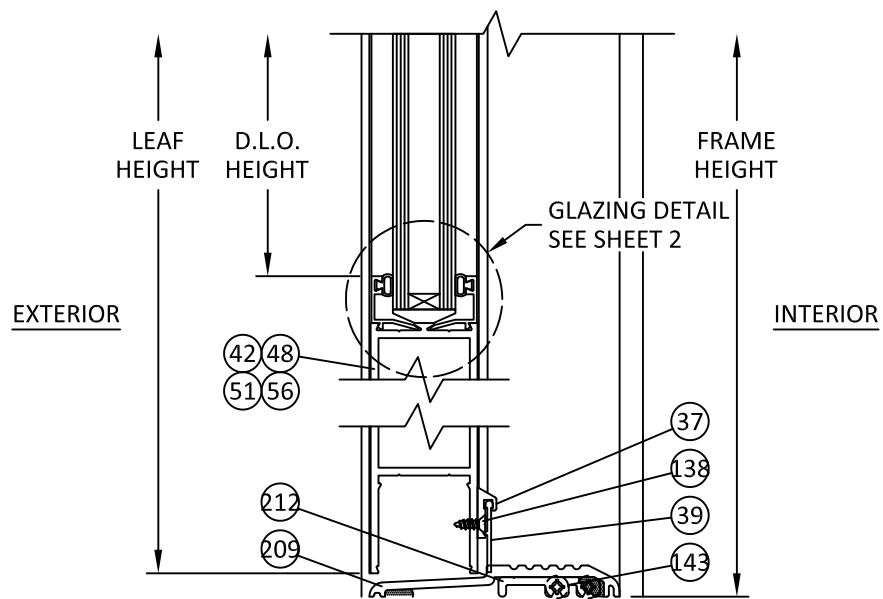


I
7 VERTICAL SECTION
DOOR HEAD
FG-3000 FRAMING

* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



J
7 VERTICAL SECTION
DOOR SILL



K
7 VERTICAL SECTION
DOOR SILL



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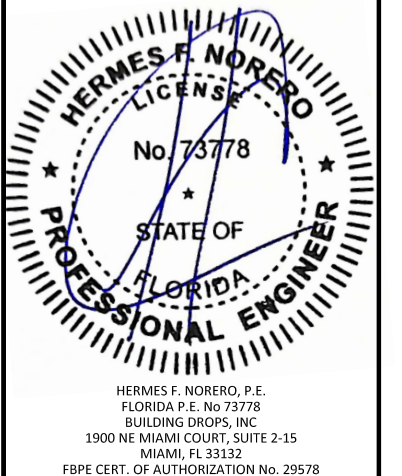
VERTICAL SECTIONS

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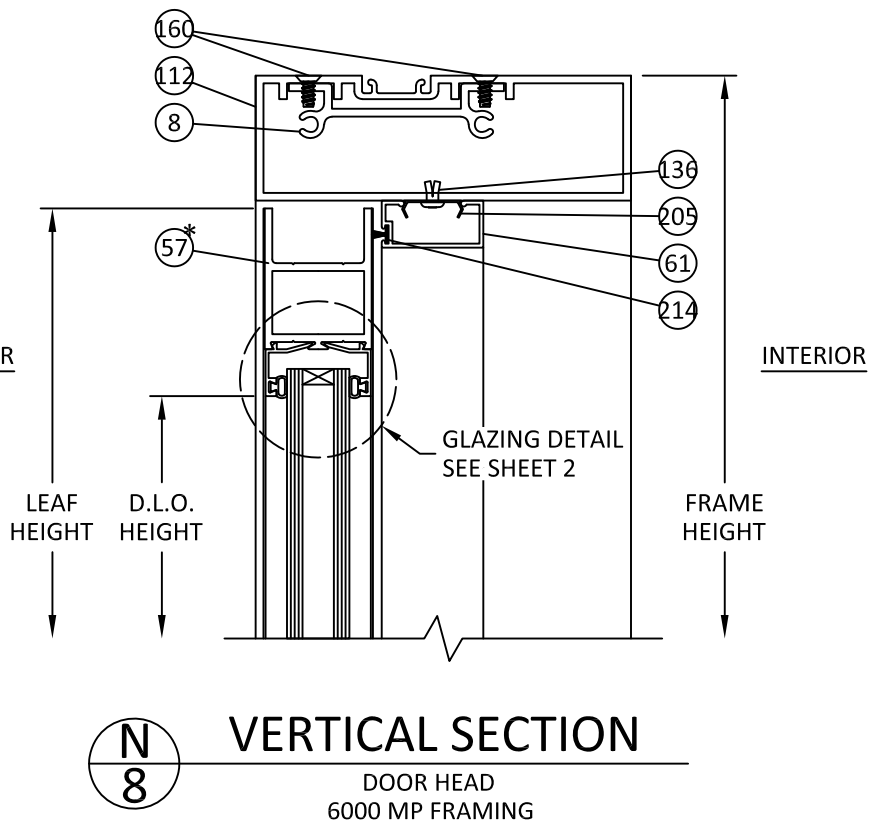
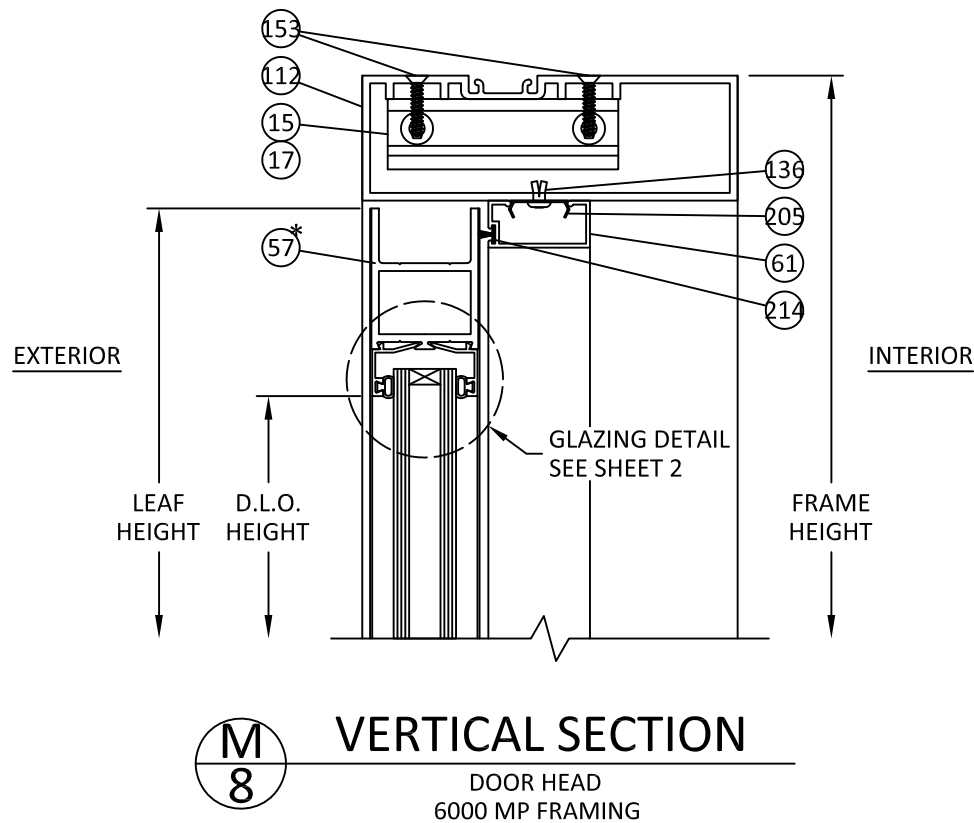
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* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



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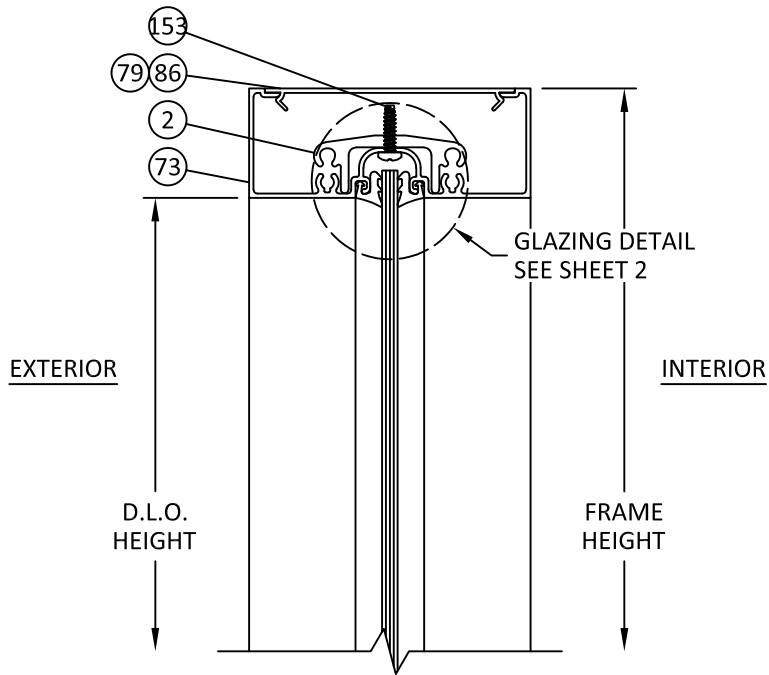


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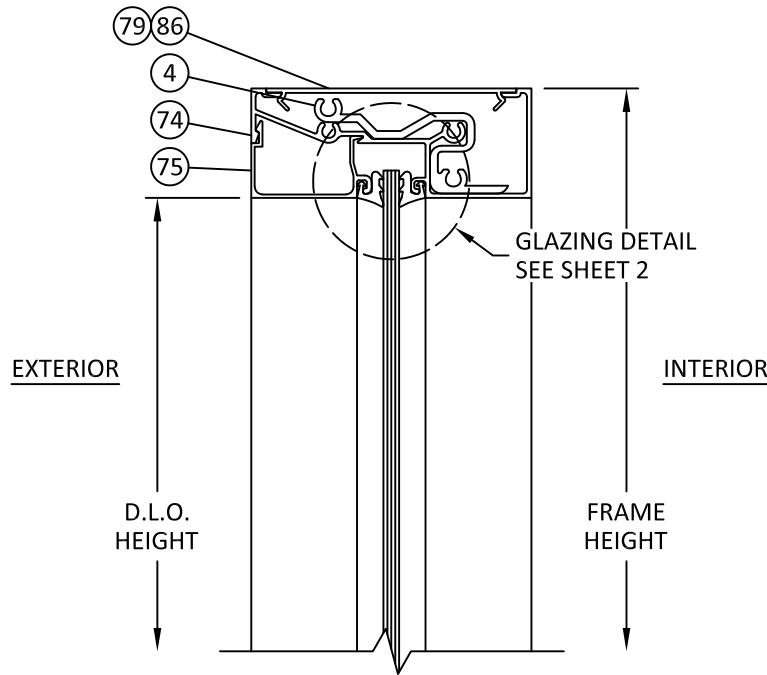
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DWG. #:	OBE013

SHEET: 8

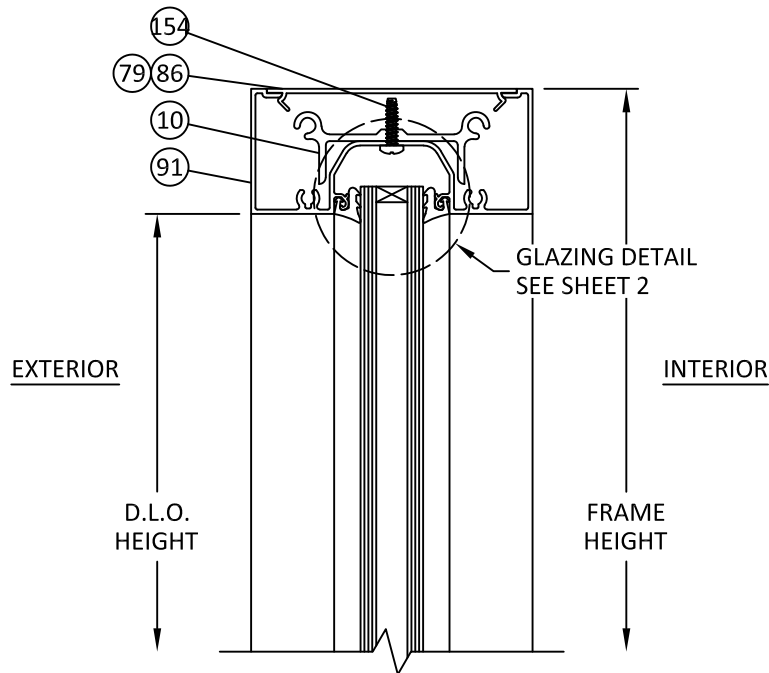
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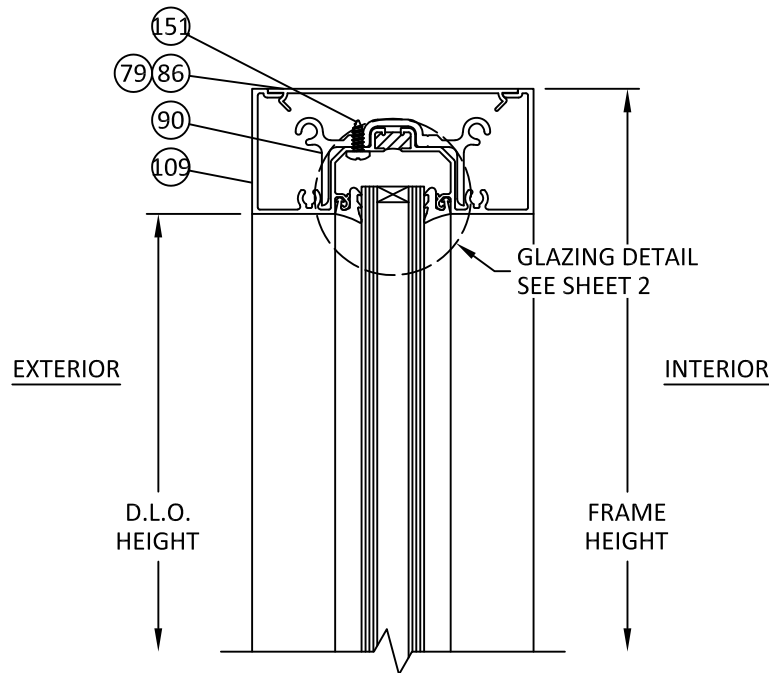
O9 VERTICAL SECTION
TRANSOM HEAD
FG-2000 FRAMING



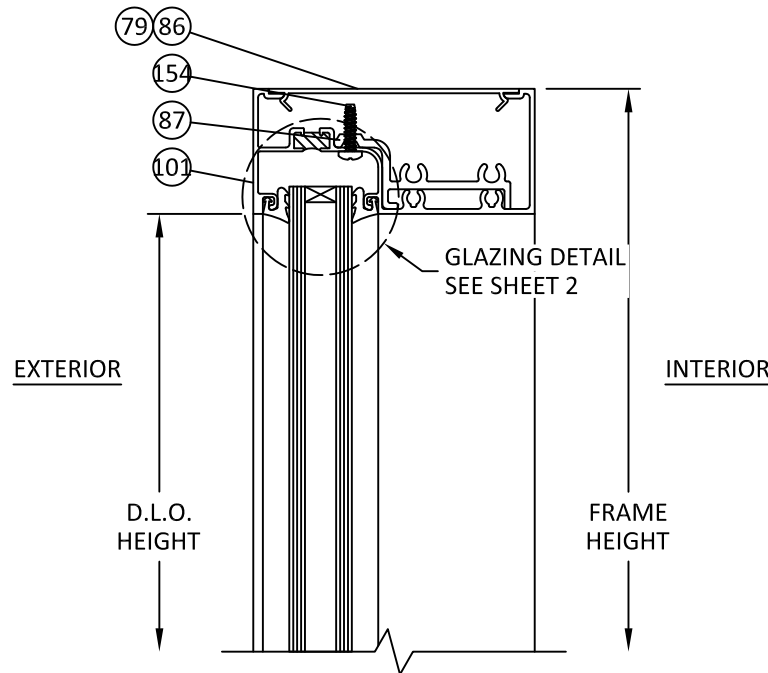
P9 VERTICAL SECTION
TRANSOM HEAD
FG-2000 FRAMING



Q9 VERTICAL SECTION
TRANSOM HEAD
FG-3000 FRAMING



R9 VERTICAL SECTION
TRANSOM HEAD
3000 MP FRAMING - CS



S9 VERTICAL SECTION
TRANSOM HEAD
3000 MP FRAMING - FS/BS



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

VERTICAL SECTIONS

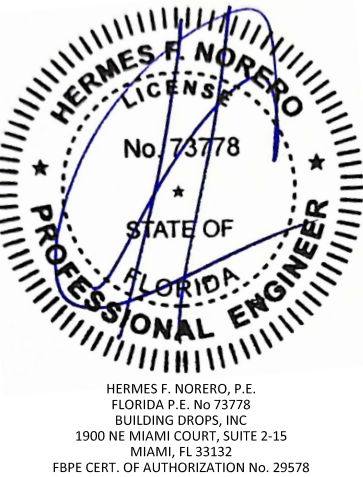
PREPARED BY:

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



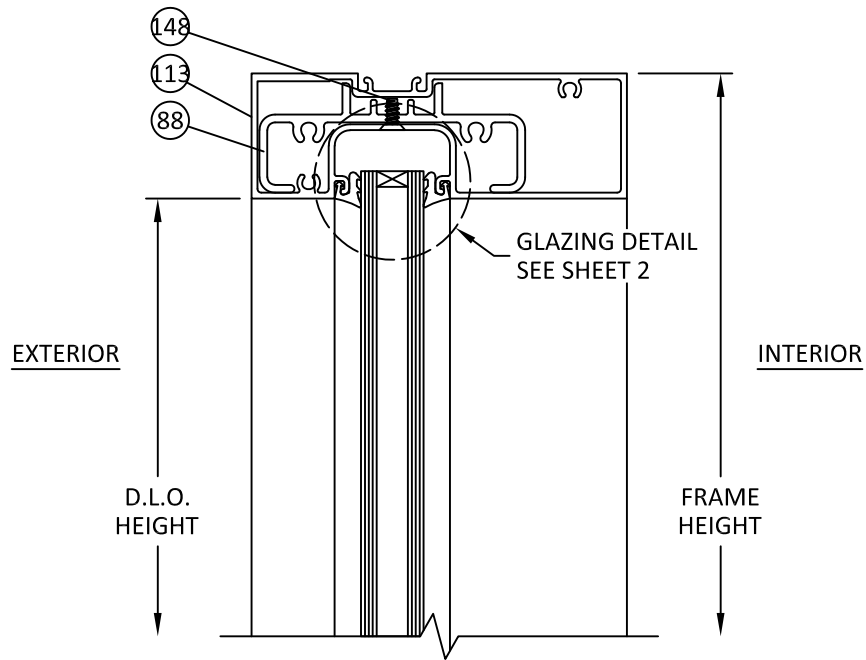
REMARKS	BY	DATE

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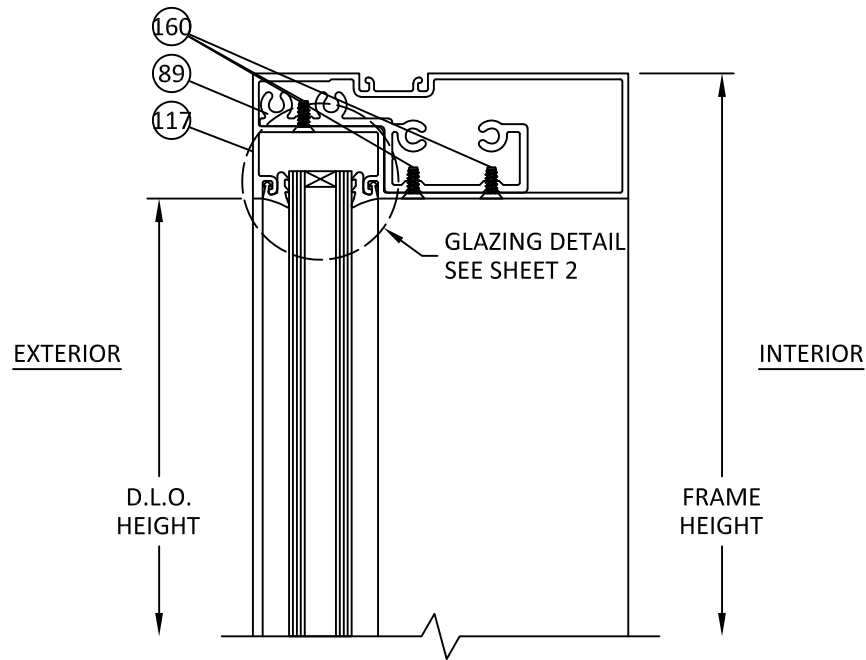


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DATE:	06.04.2025
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	OBE013
SHEET:	9

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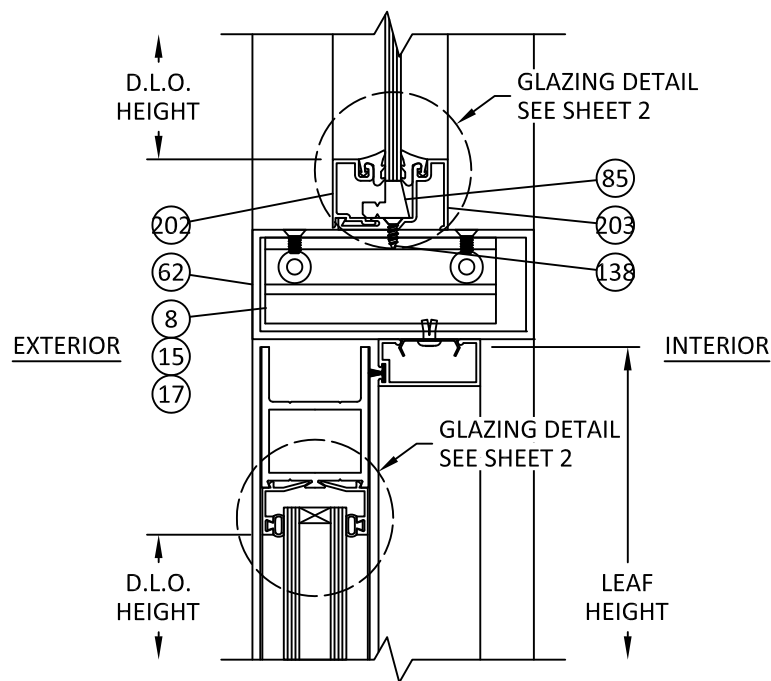


T
10 VERTICAL SECTION
TRANSOM HEAD
6000 MP FRAMING - CS



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

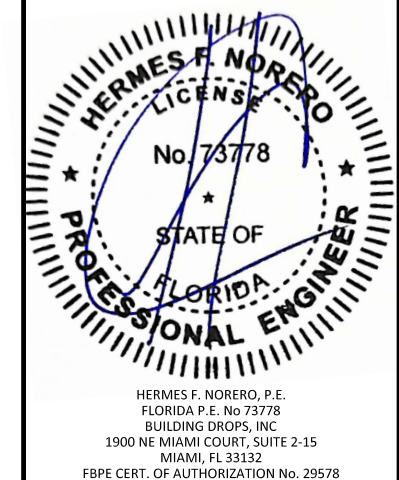
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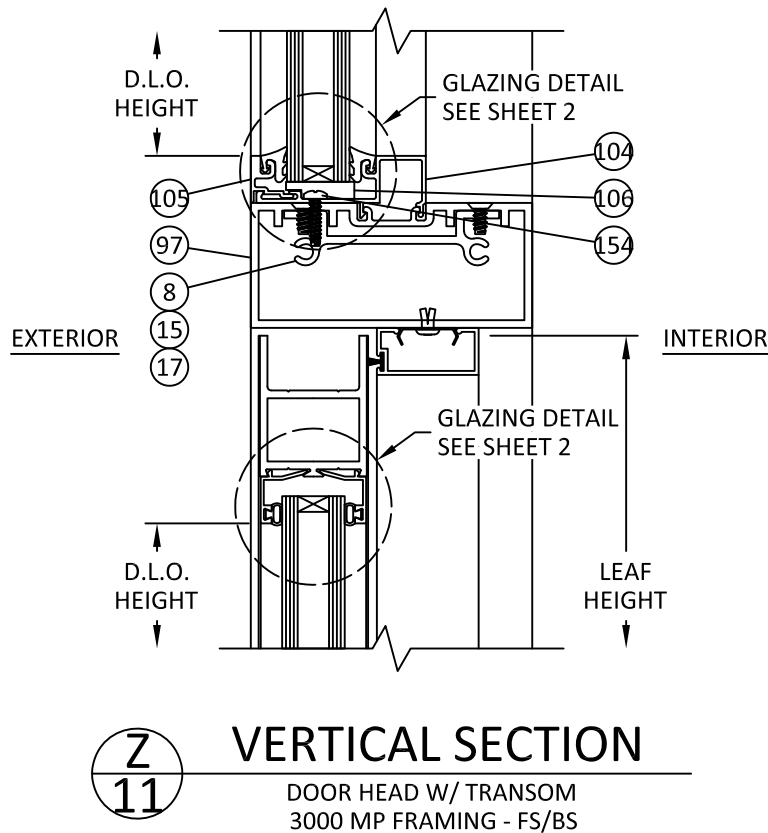
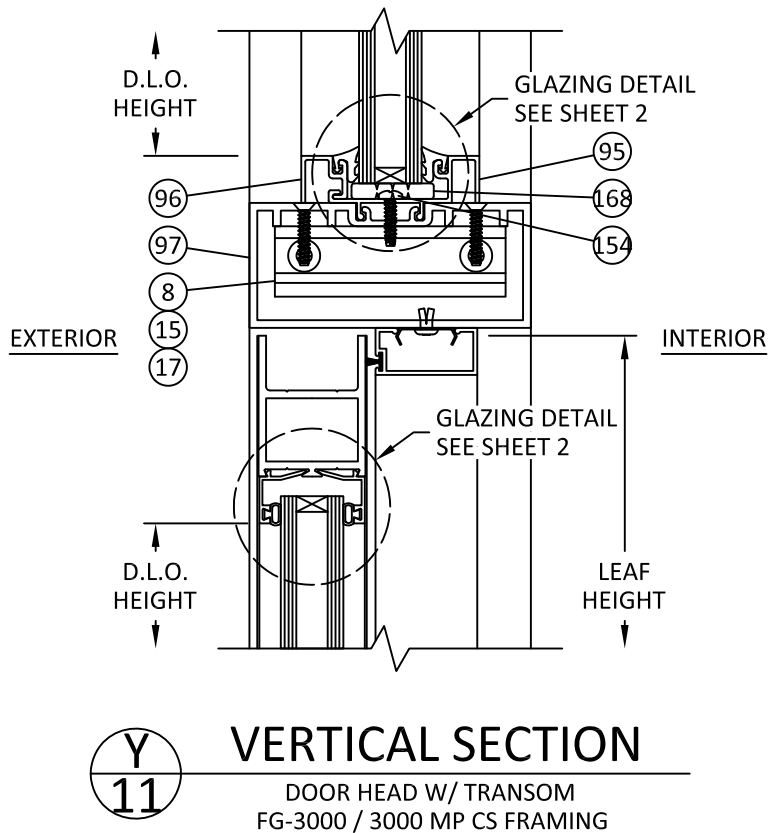


REMARKS	BY	DATE

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SCALE:	NTS
DWG. #:	OBE013
SHEET:	10



* SEE SHEET 13 FOR DOOR RAIL OPTIONS.



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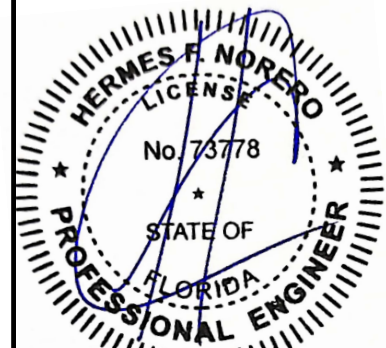
TITLE: NS-212, MS-375, & WS-500
ALUMINUM ENTRANCE DOOR
(NON-HVHZ) (NON-IMPACT)
VERTICAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.
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REMARKS	BY	DATE

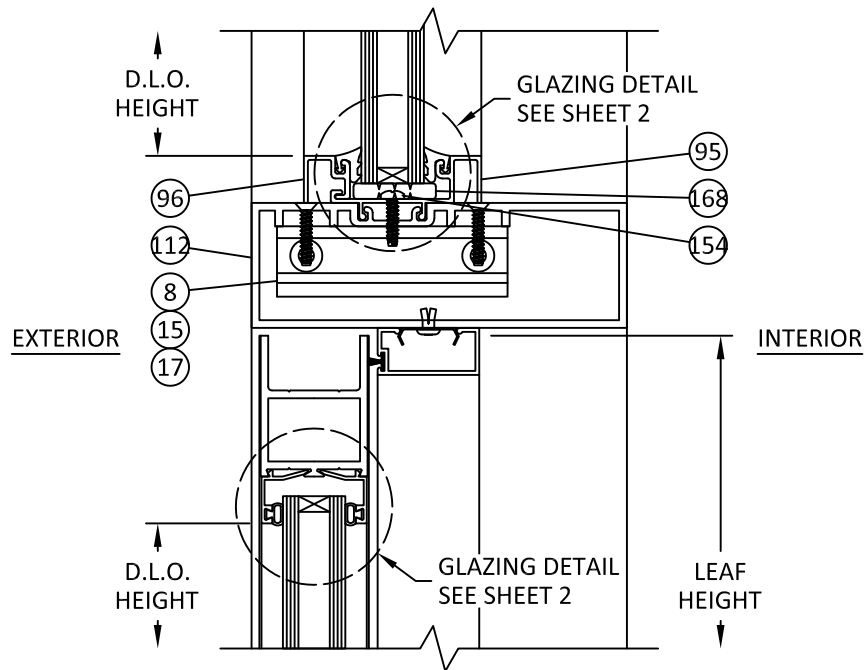
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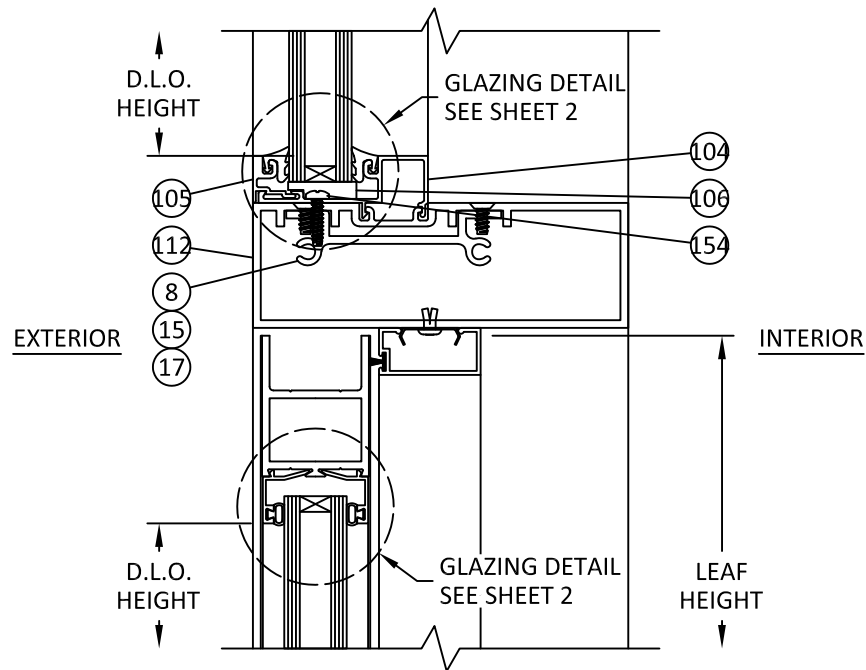
HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL17692
DATE:	06.04.2025
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	OBE013
SHEET:	11

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

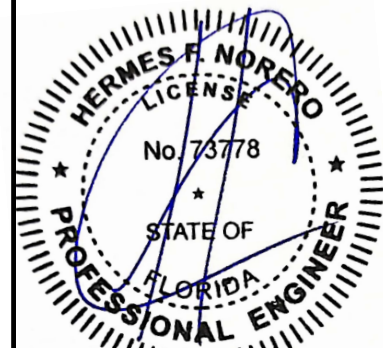
VERTICAL SECTIONS

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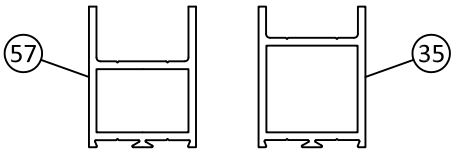


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BUILDING DROPS, INC.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

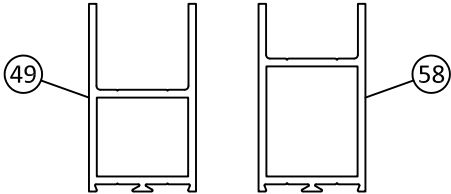
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DATE:	06.04.2025
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	OBE013
SHEET:	12

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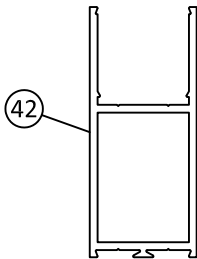
RAIL OPTIONS



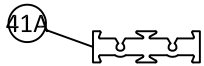
NS-212 TOP RAIL



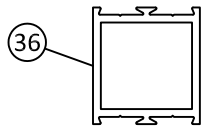
MS-375 TOP RAIL



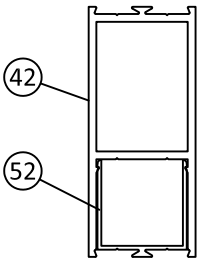
WS-500 TOP RAIL



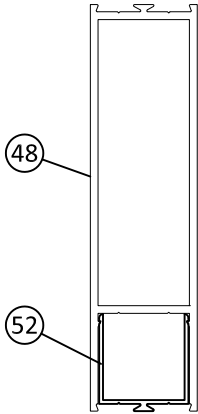
1/2" MID-RAIL
MAX. 36" WIDE DOOR LEAF



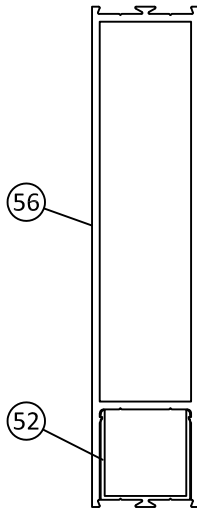
1 7/8" MID-RAIL



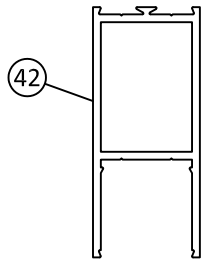
4" MID-RAIL



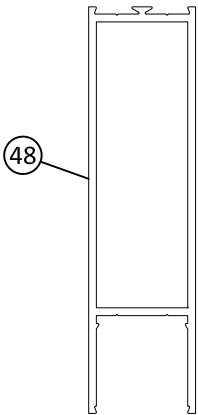
6 1/2" MID-RAIL



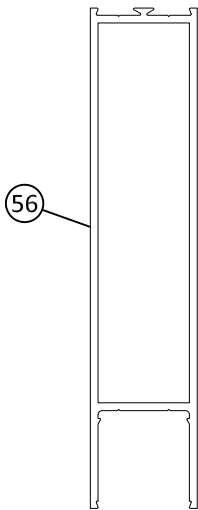
8" MID-RAIL



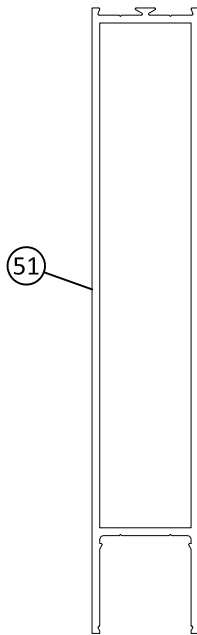
4" BOTTOM RAIL



6 1/2" BOTTOM RAIL



8" BOTTOM RAIL



10" BOTTOM RAIL



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

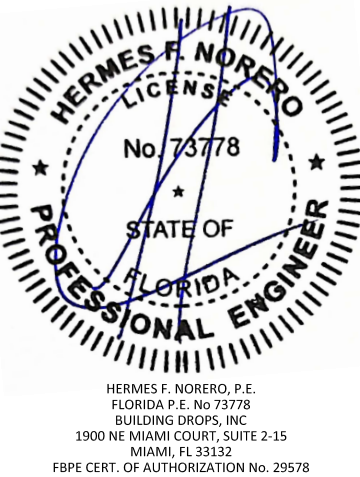
RAIL OPTIONS

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REMARKS	BY	DATE

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FL #: FL17692

DATE: 06.04.2025

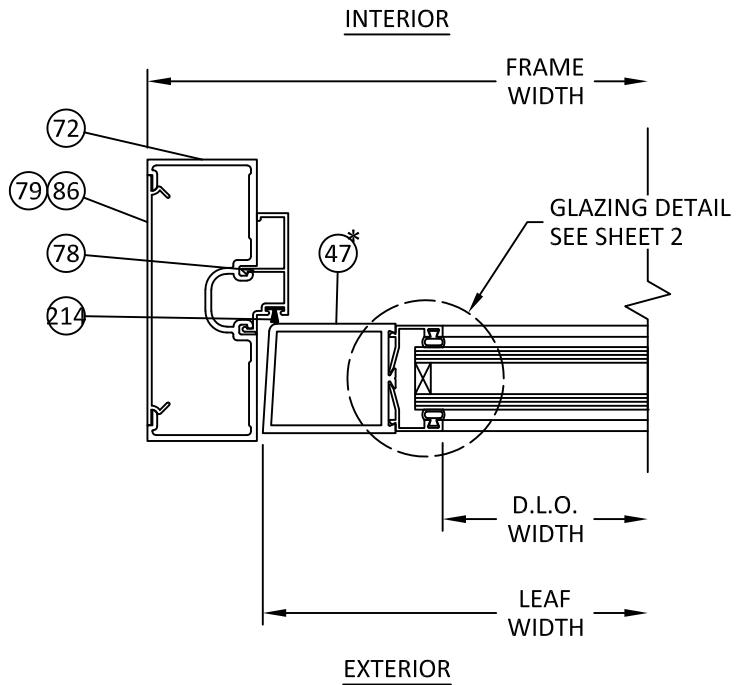
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SCALE: NTS

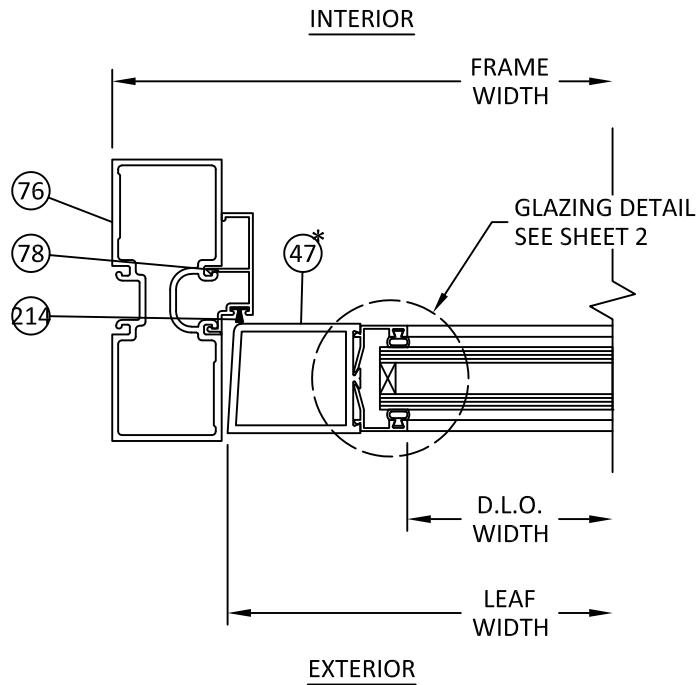
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SHEET: 13

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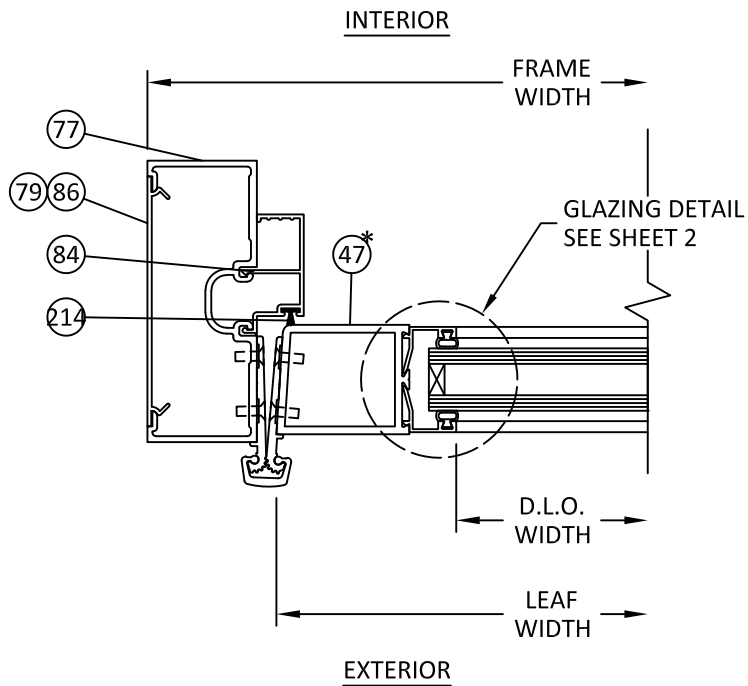


AF 14 HORIZONTAL SECTION
DOOR JAMB
FG-2000 FRAMING

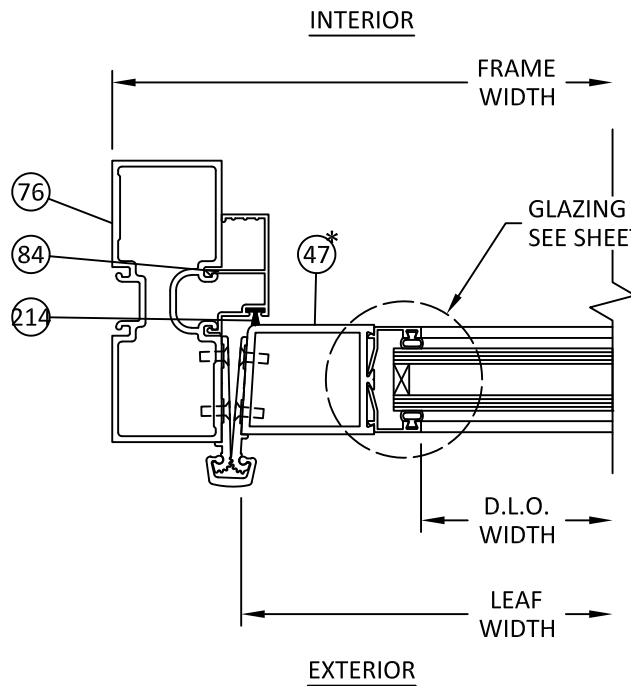


AG 14 HORIZONTAL SECTION
DOOR JAMB
FG-2000 FRAMING

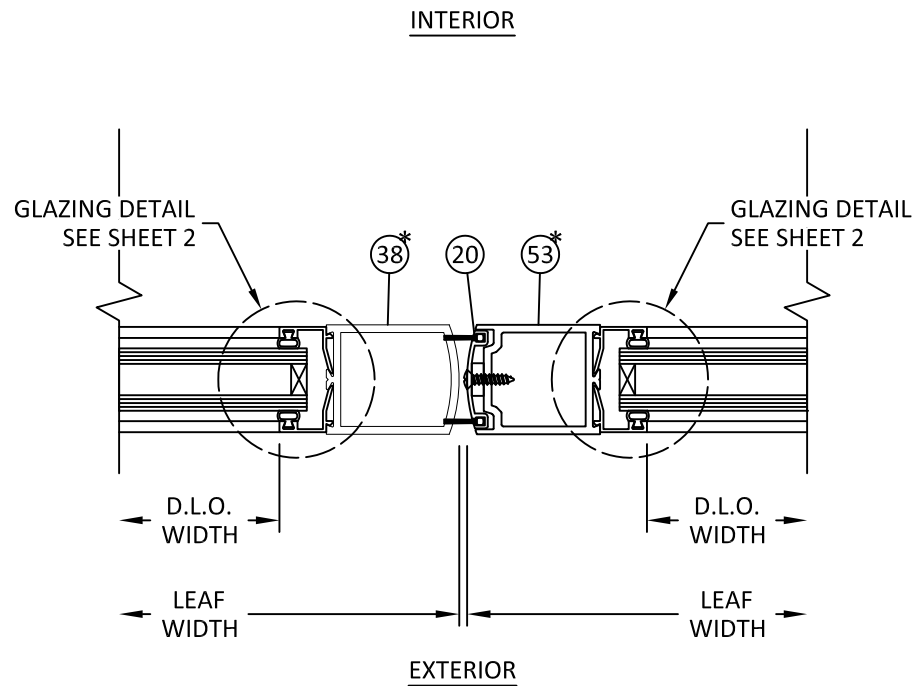
* SEE SHEET 22 FOR DOOR STILE OPTIONS.



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

HORIZONTAL SECTIONS

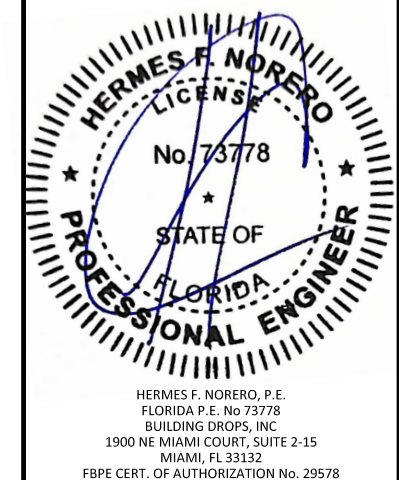
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MIAMI, FL 33132
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FAX: (954) 744-4738
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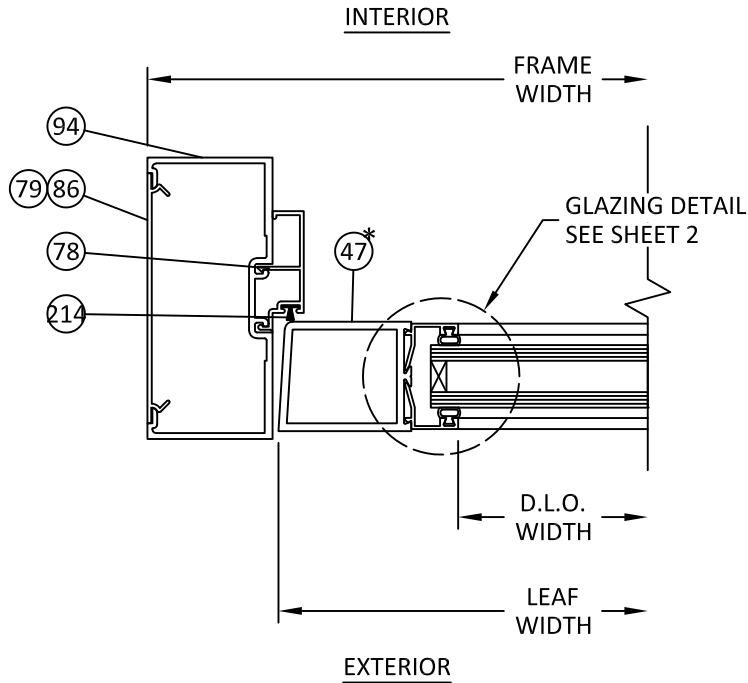


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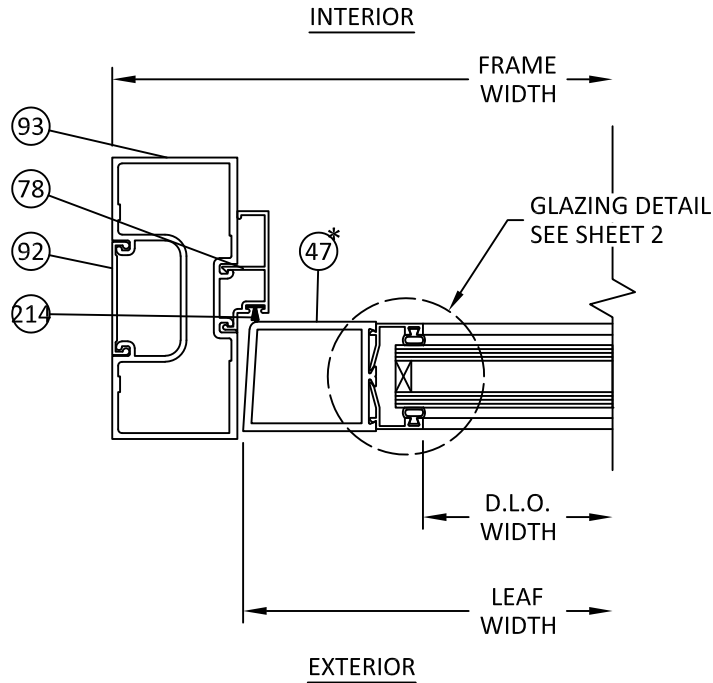
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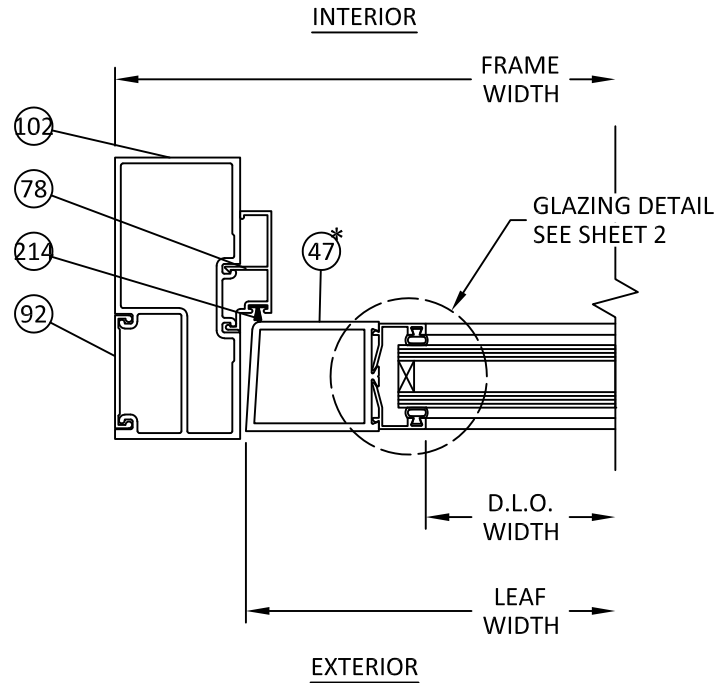


AK 15 HORIZONTAL SECTION
DOOR JAMB
FG-3000 / 3000 MP CS FRAMING

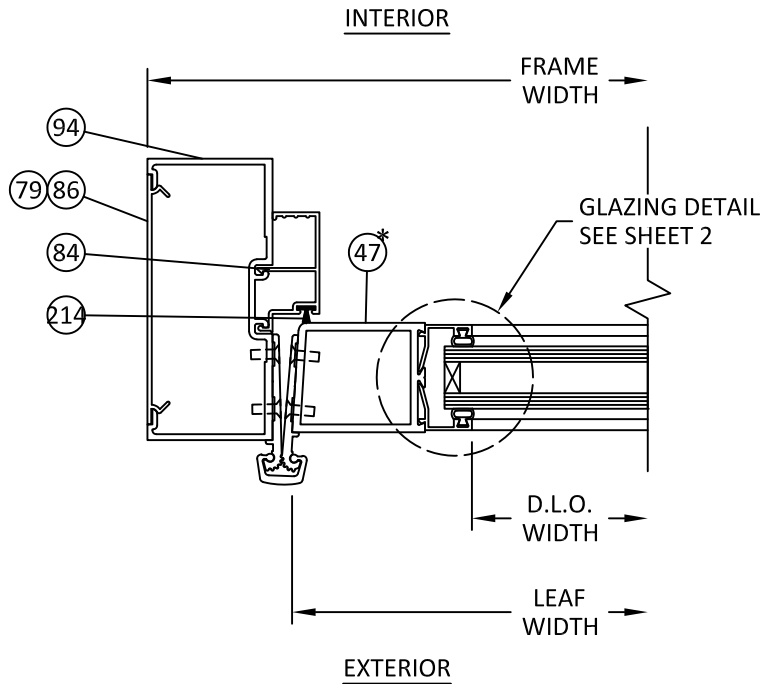


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FG-3000 / 3000 MP CS FRAMING

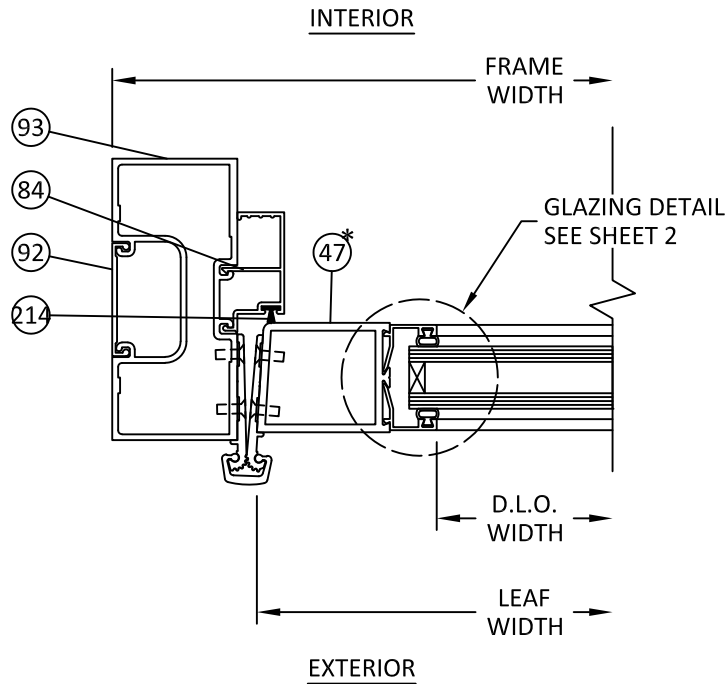
* SEE SHEET 22 FOR DOOR STILE OPTIONS.



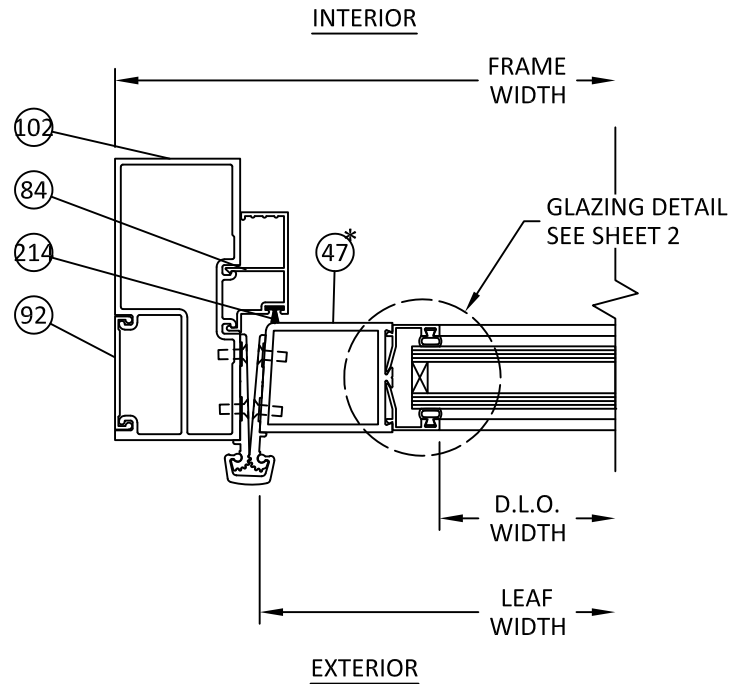
AM 15 HORIZONTAL SECTION
DOOR JAMB
3000 MP FRAMING - FS/BS



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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(NON-HVHZ) (NON-IMPACT)

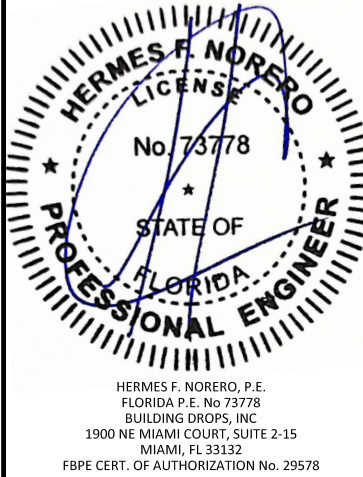
HORIZONTAL SECTIONS

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REMARKS	BY	DATE

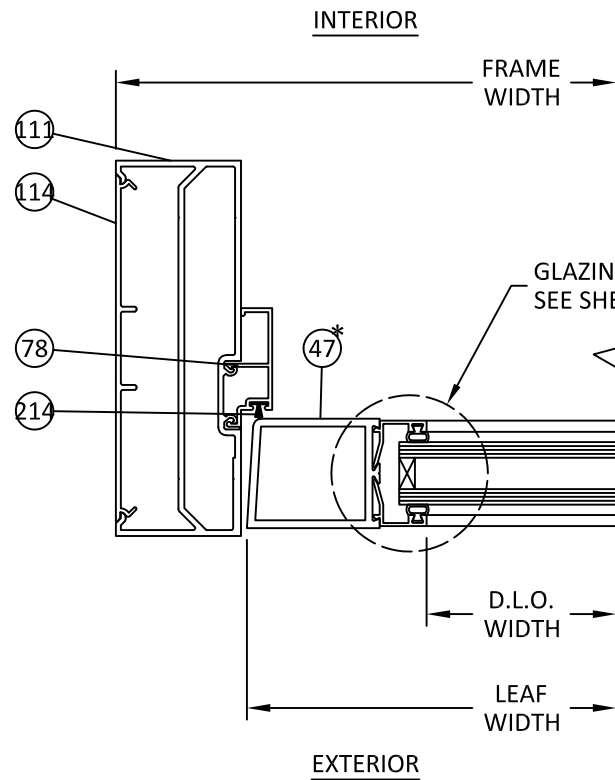
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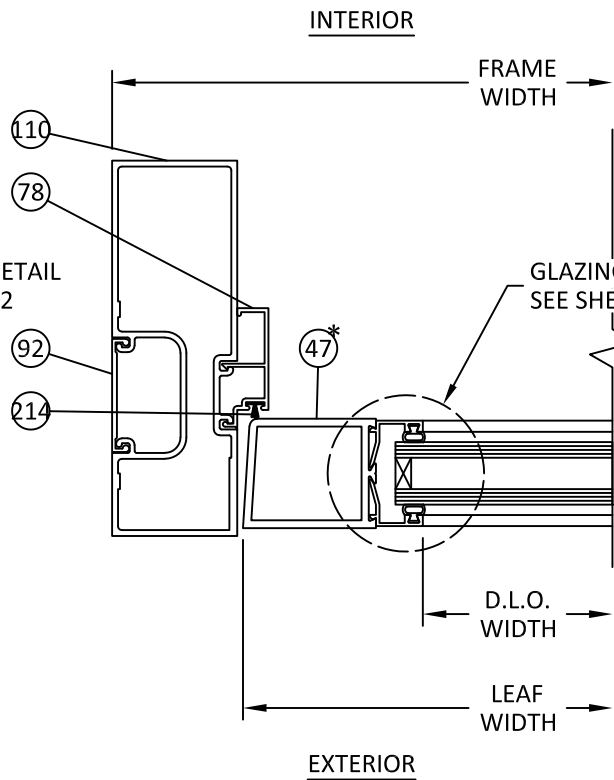
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DWG. #:	OBE013
SHEET:	15

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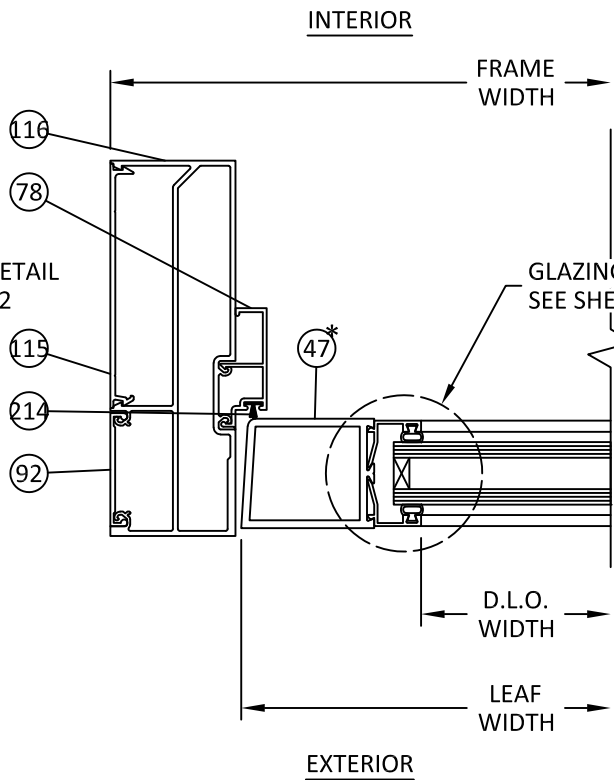
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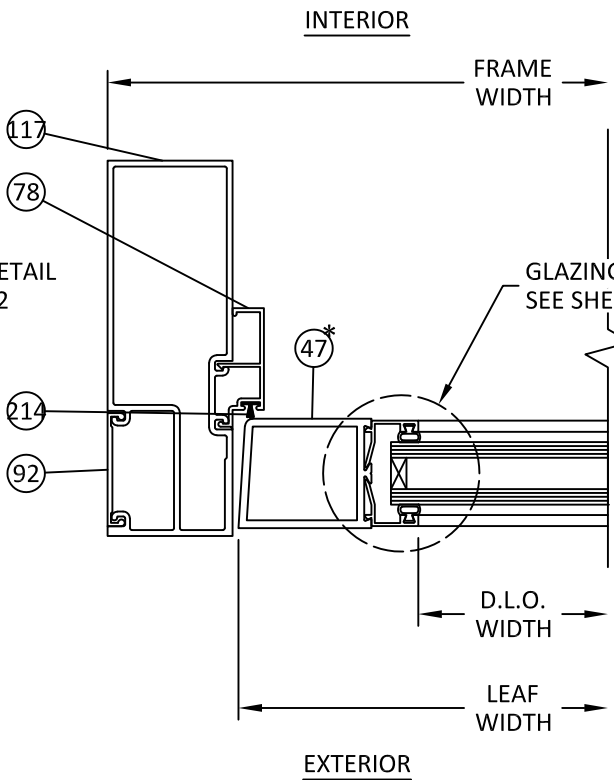
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16 HORIZONTAL SECTION
DOOR JAMB
6000 MP FRAMING - CS



AR
16 HORIZONTAL SECTION
DOOR JAMB
6000 MP FRAMING - CS

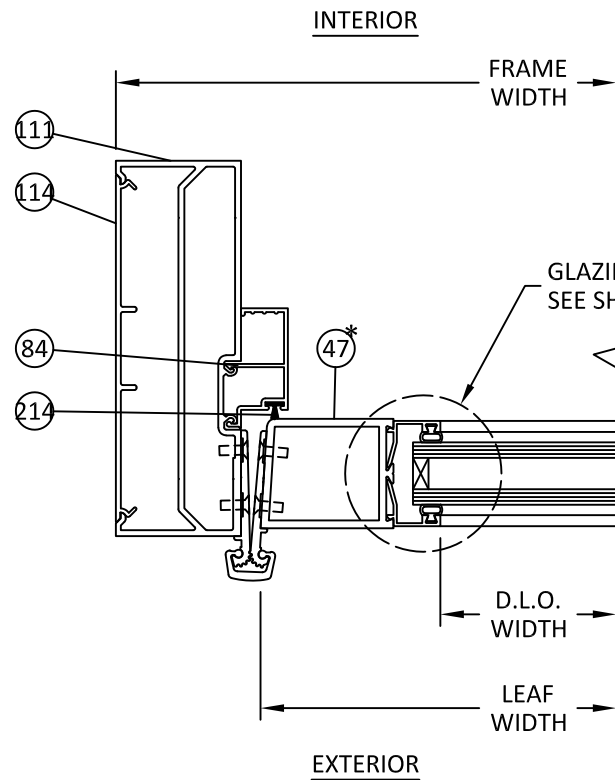


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DOOR JAMB
6000 MP FRAMING - FS/BS

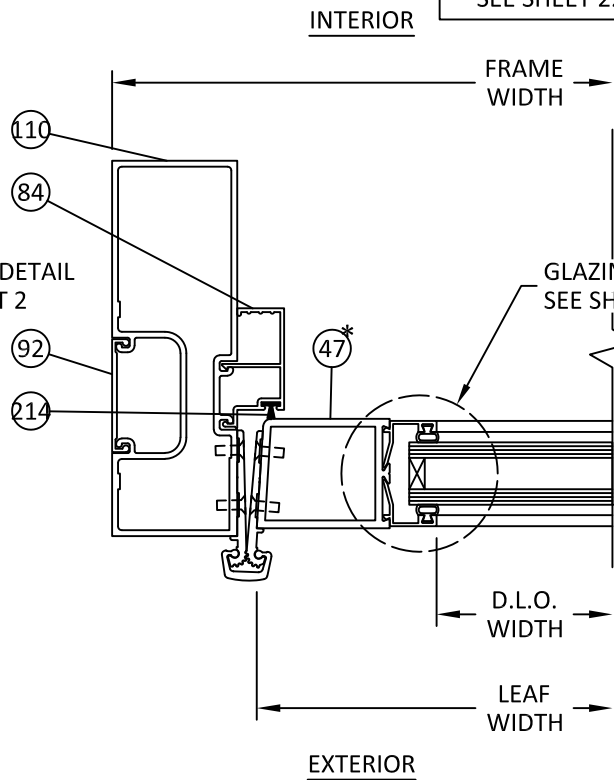


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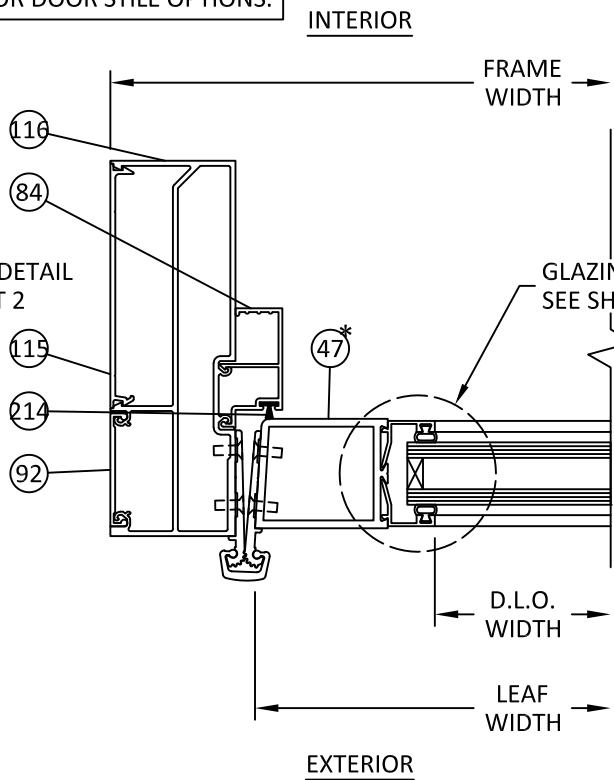
* SEE SHEET 22 FOR DOOR STILE OPTIONS.



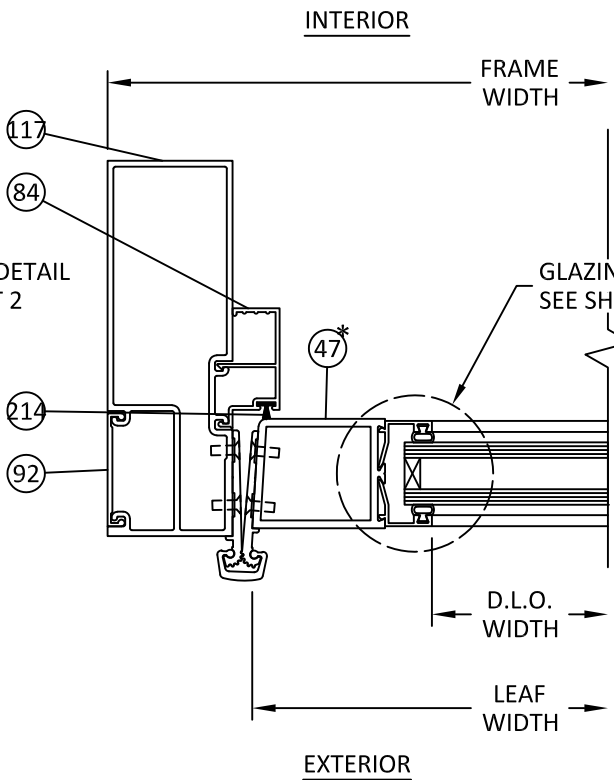
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16 HORIZONTAL SECTION
DOOR JAMB - CONTINUOUS HINGE
6000 MP FRAMING - CS



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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TITLE:
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(NON-HVHZ) (NON-IMPACT)

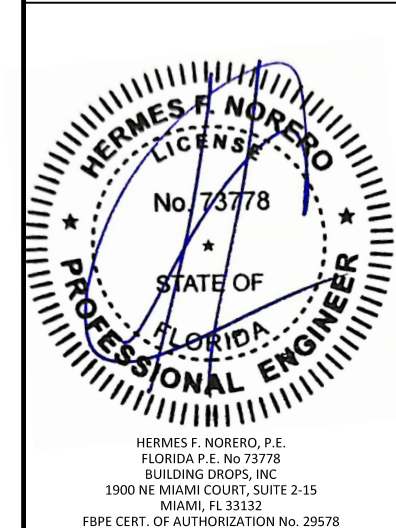
HORIZONTAL SECTIONS

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FAX: (954) 744-4738
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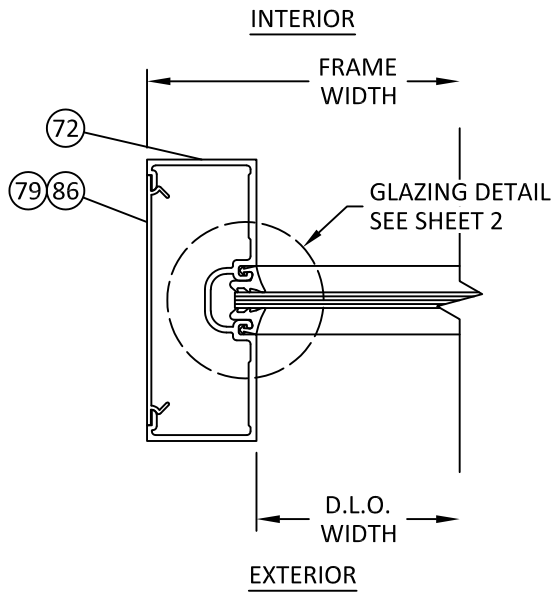
REMARKS	BY	DATE

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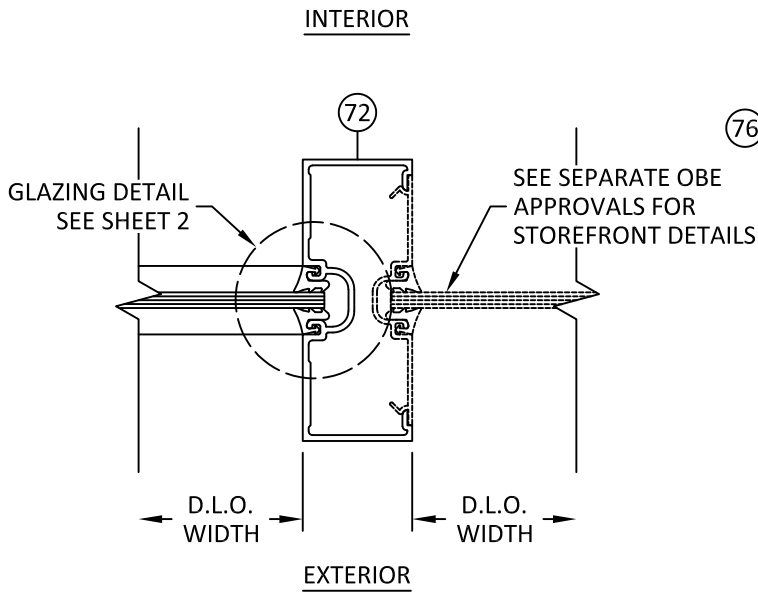


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DATE:	06.04.2025
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	OBE013
SHEET:	16

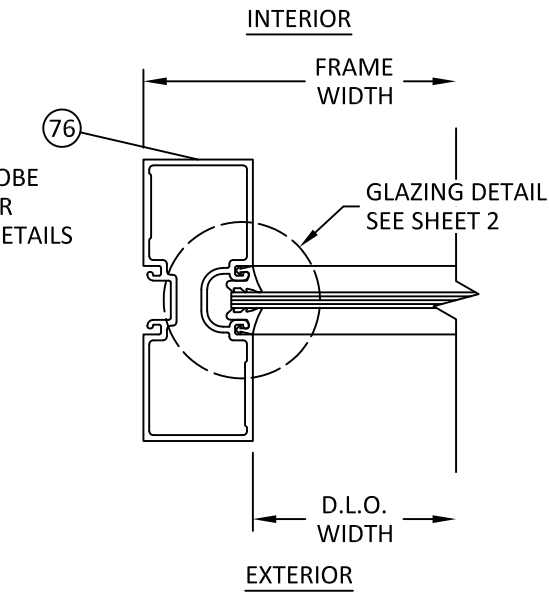
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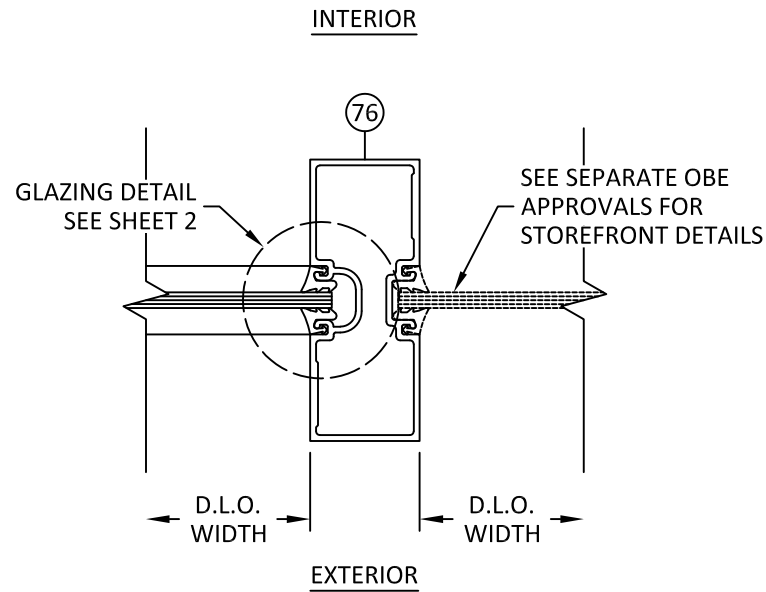
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17 HORIZONTAL SECTION
TRANSOM JAMB
FG-2000 FRAMING



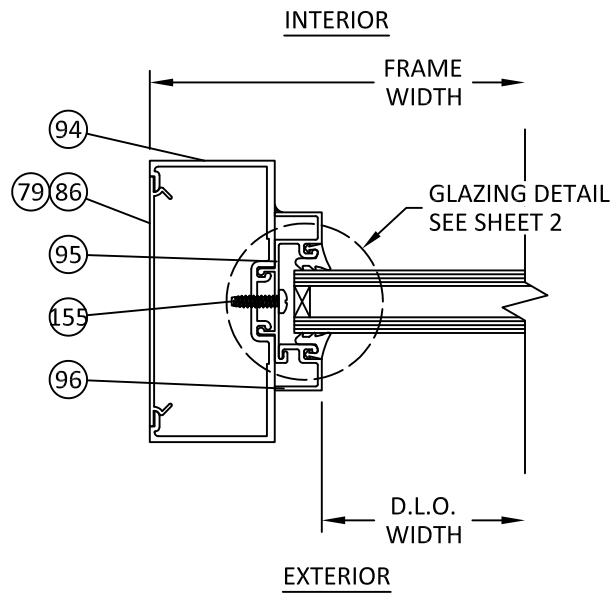
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TRANSOM JAMB W/ SIDELITE
FG-2000 FRAMING



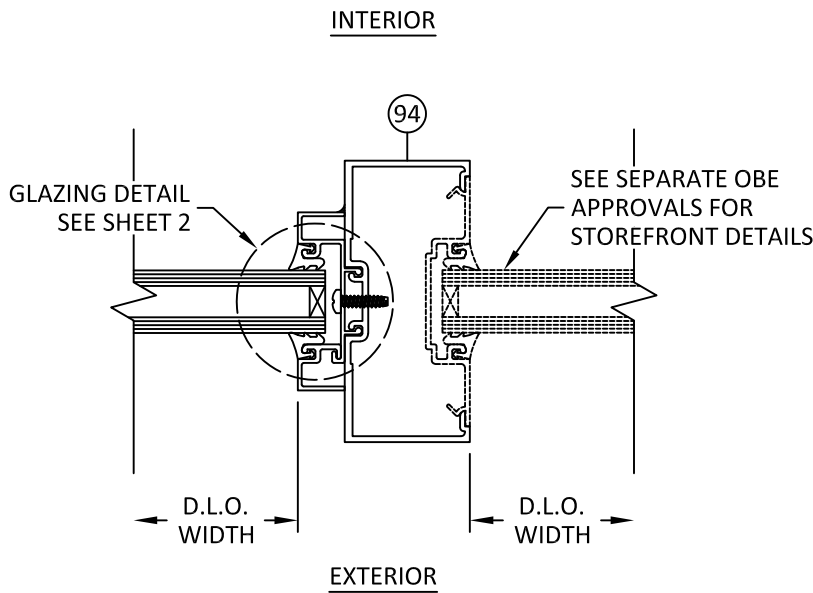
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TRANSOM JAMB
FG-2000 FRAMING



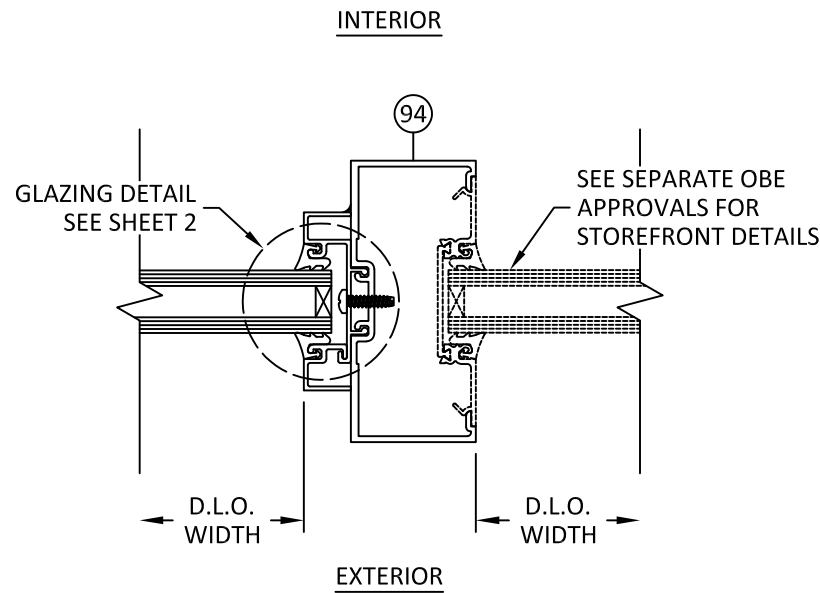
BB
17 HORIZONTAL SECTION
TRANSOM JAMB W/ SIDELITE
FG-2000 FRAMING



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



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)

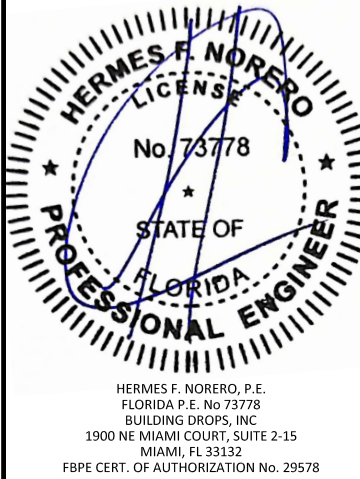
HORIZONTAL SECTIONS

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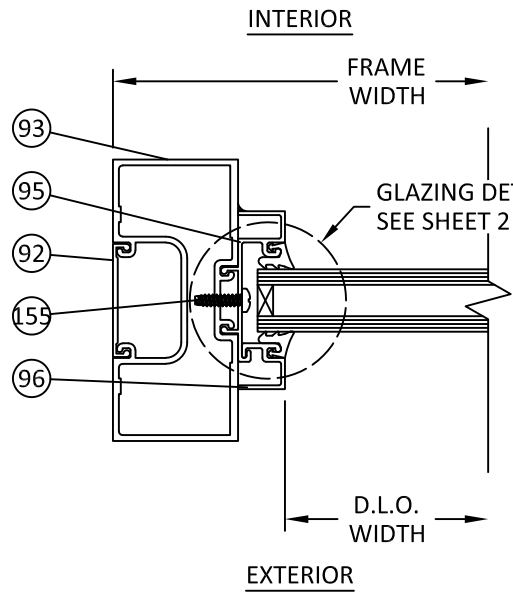


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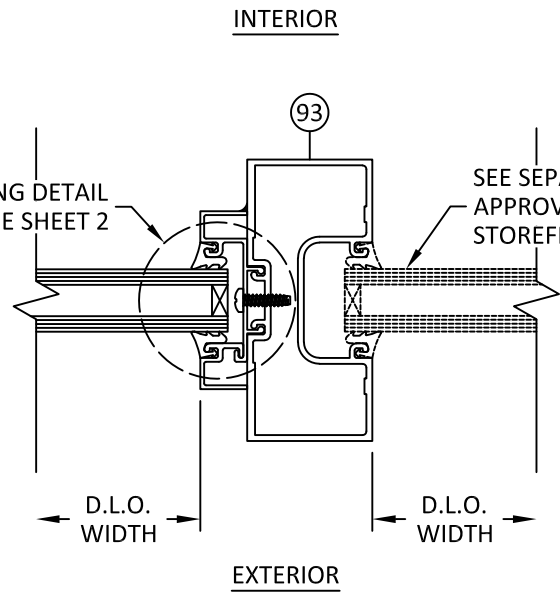
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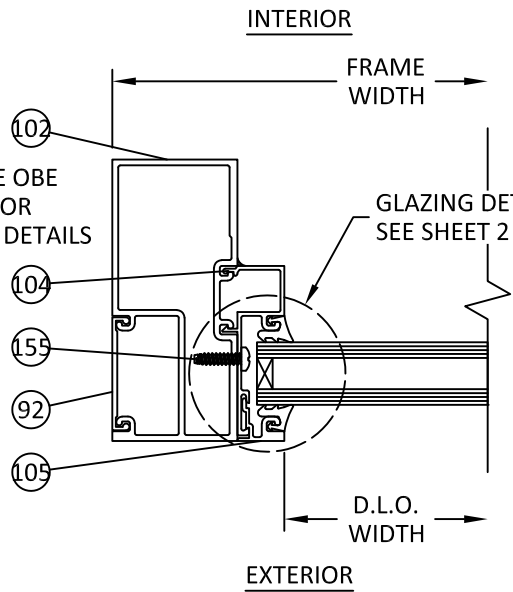
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DATE:	06.04.2025
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	OBE013
SHEET:	17



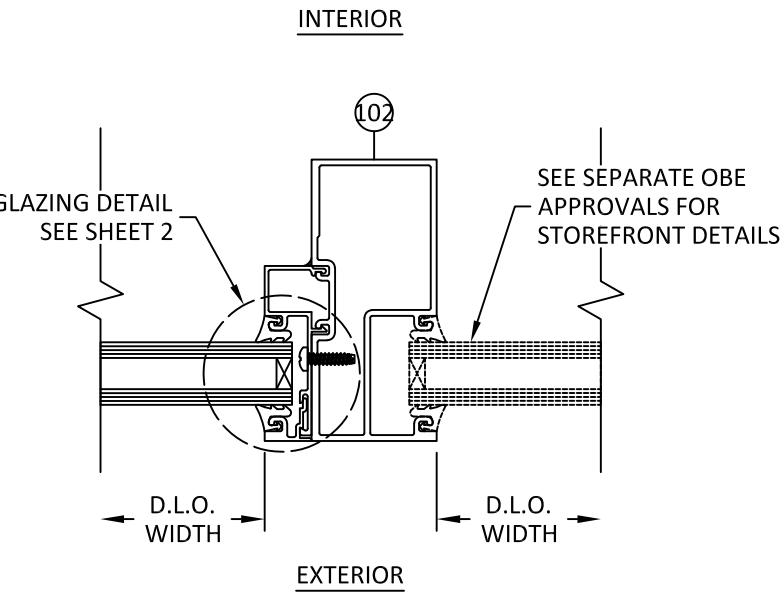
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TRANSOM JAMB
FG-3000 / 3000 MP CS FRAMING



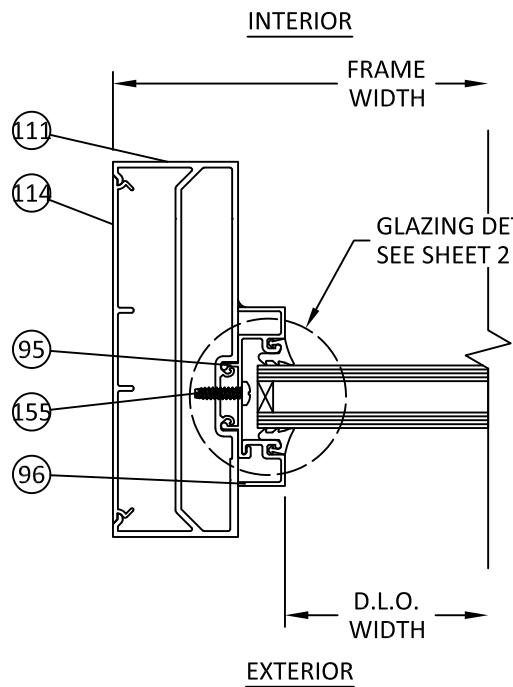
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FG-3000 / 3000 MP CS FRAMING



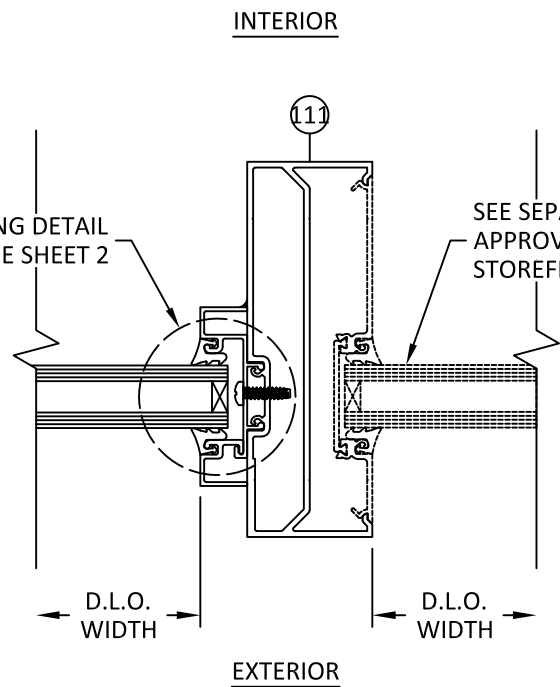
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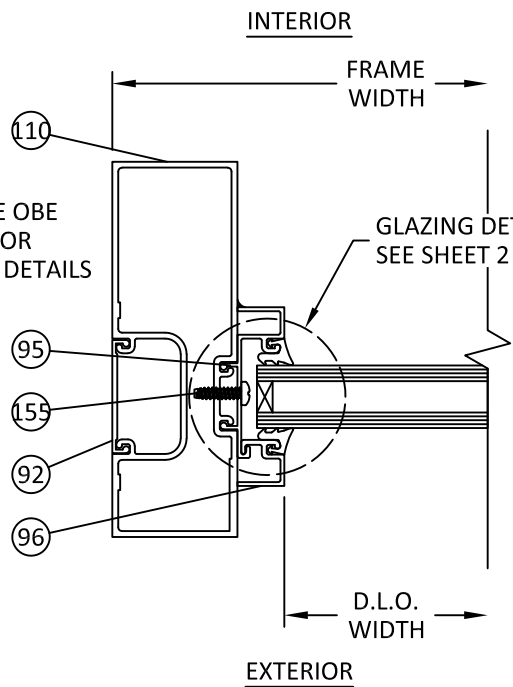
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TRANSOM JAMB W/ SIDELITE
3000 MP FRAMING - FS/BS



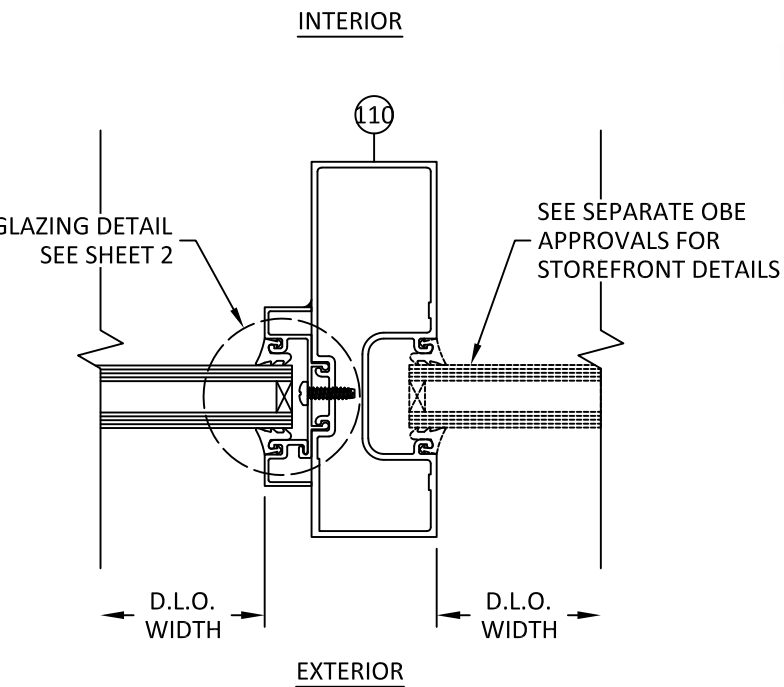
BJ 18 HORIZONTAL SECTION
TRANSOM JAMB
6000 MP FRAMING - CS



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

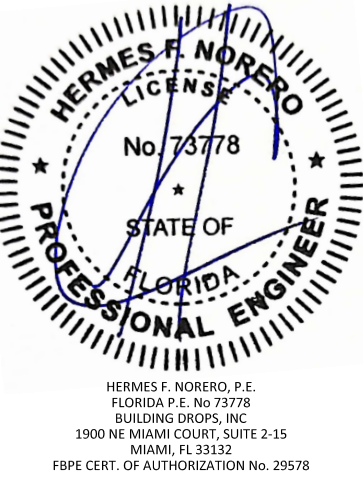


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PH: (972) 551-6100

TITLE: NS-212, MS-375, & WS-500
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

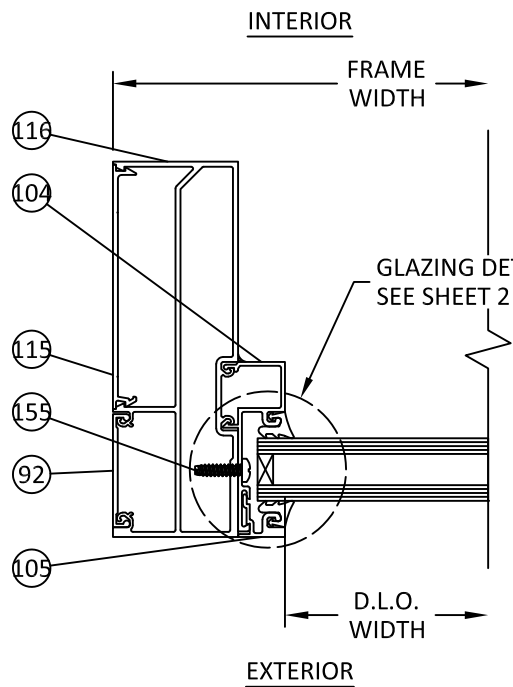
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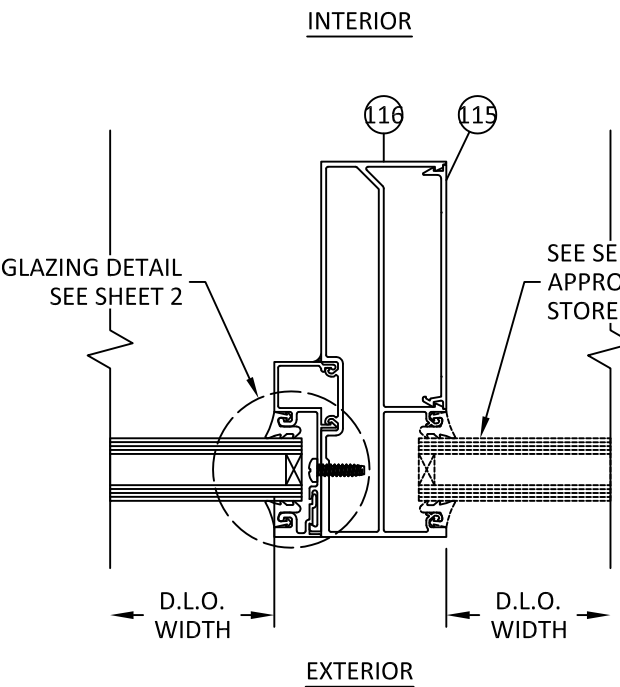


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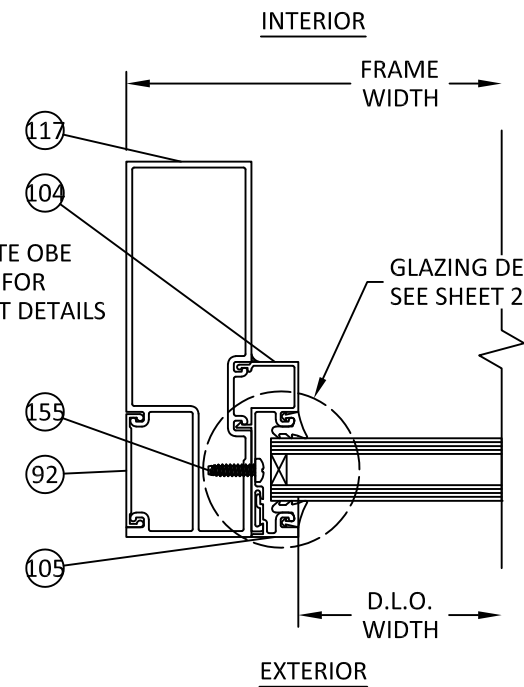
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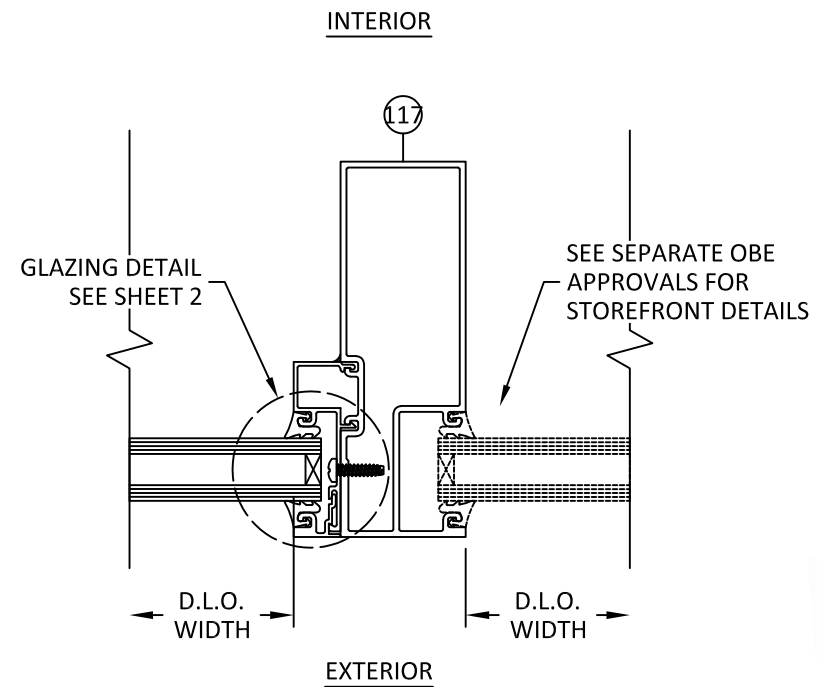
BN 19 HORIZONTAL SECTION
TRANSOM JAMB
6000 MP FRAMING - FS/BS



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

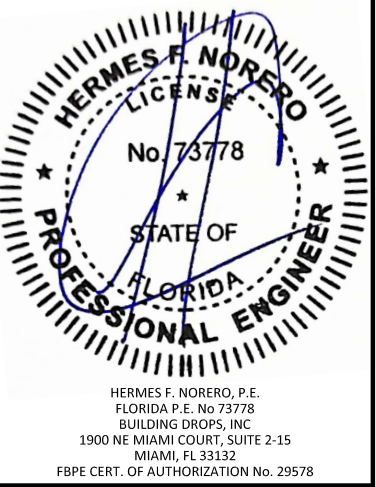


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TITLE: NS-212, MS-375, & WS-500
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(NON-HVHZ) (NON-IMPACT)
HORIZONTAL SECTIONS
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1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
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FL #: **FL17692**

DATE: **06.04.2025**

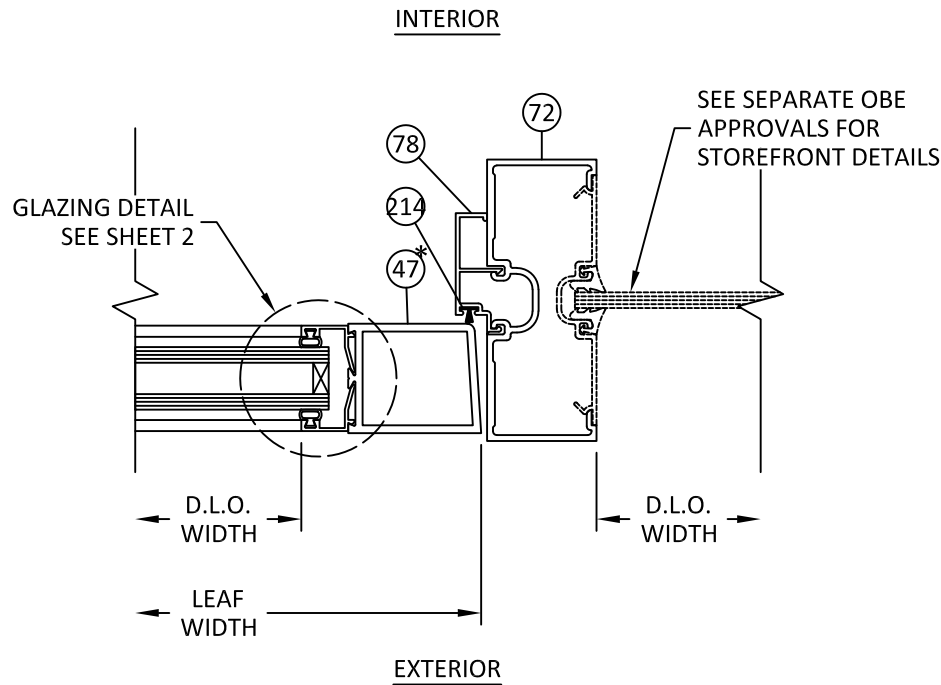
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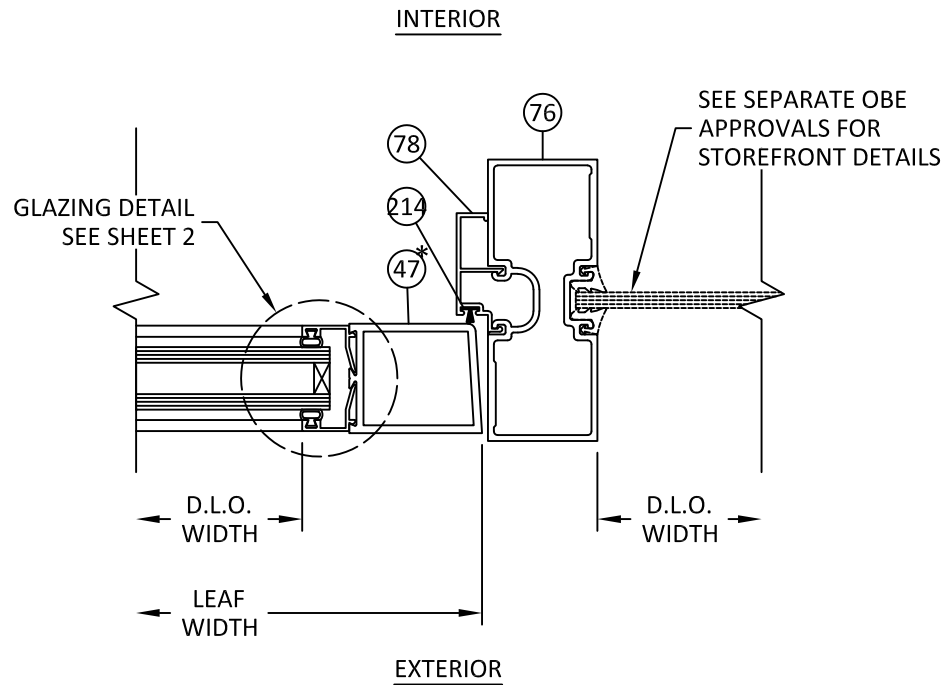
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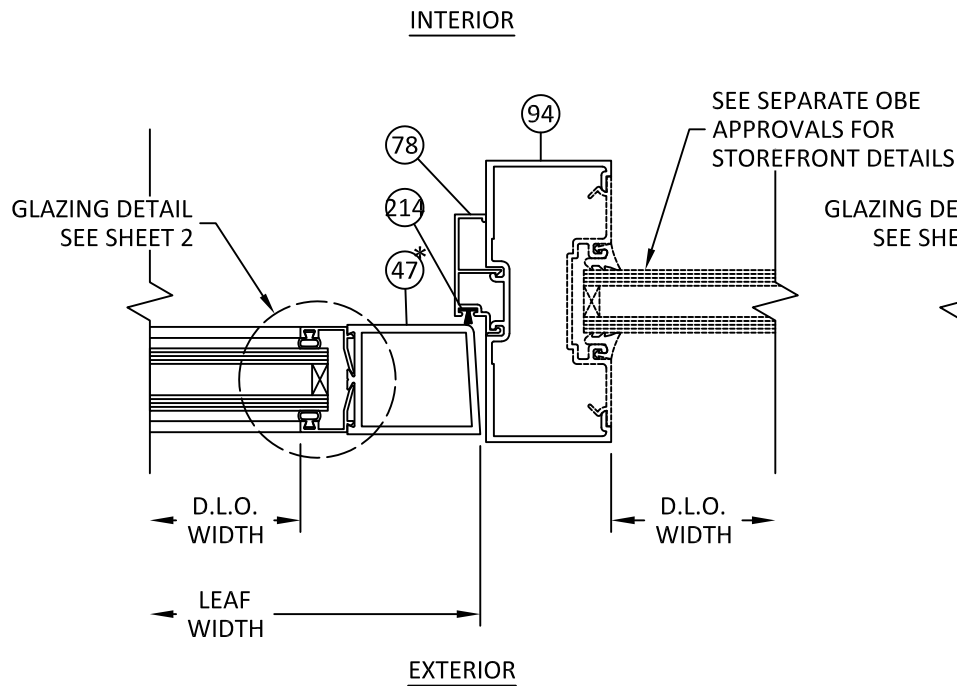


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DOOR JAMB W/ SIDELITE
FG-2000 FRAMING

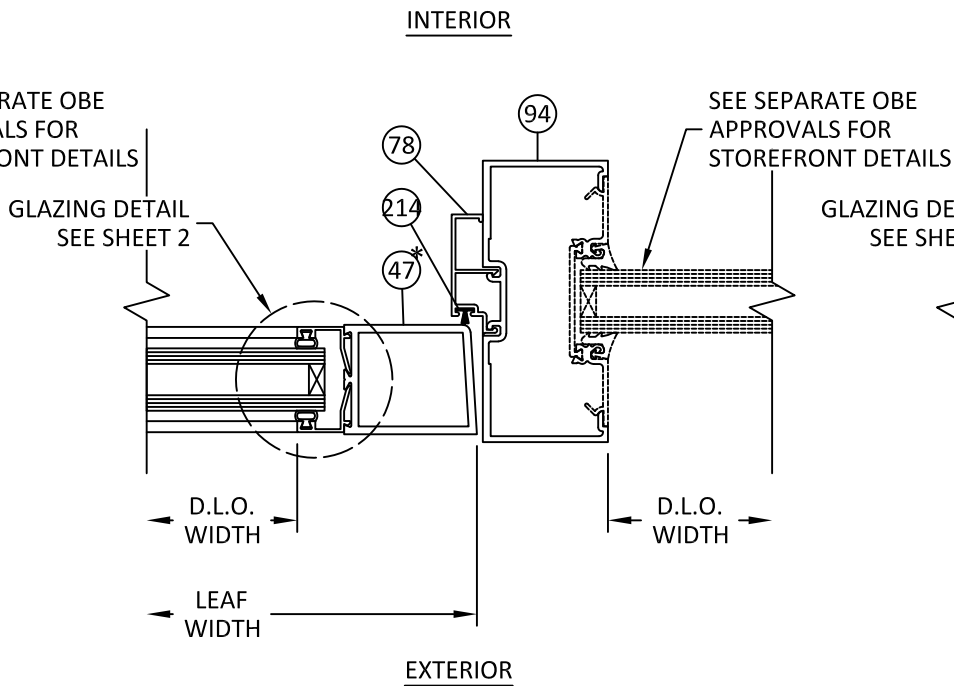


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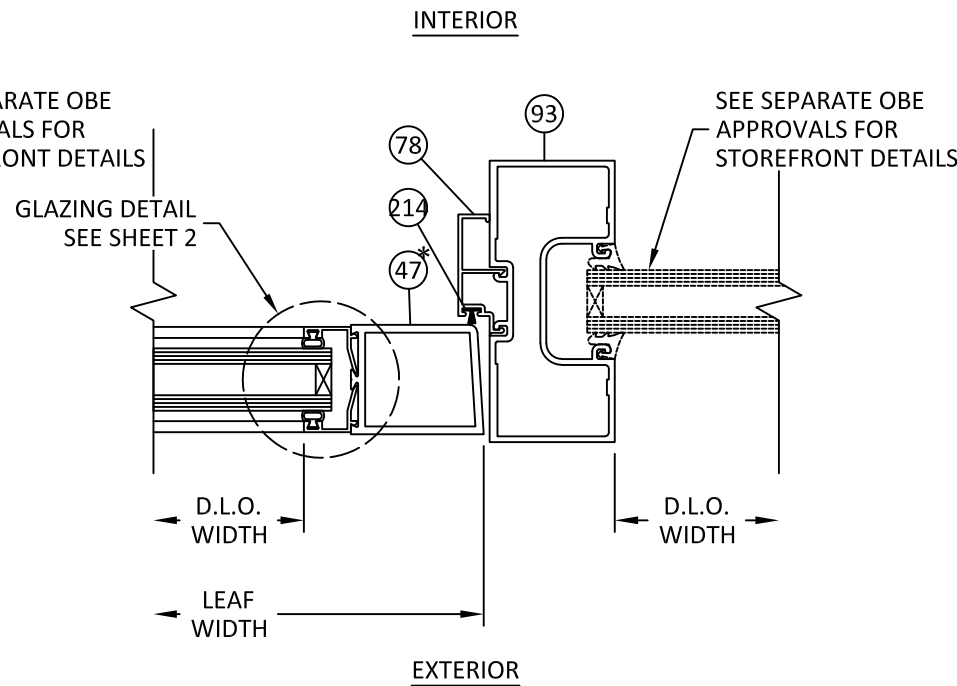
* SEE SHEET 22 FOR DOOR STILE OPTIONS.



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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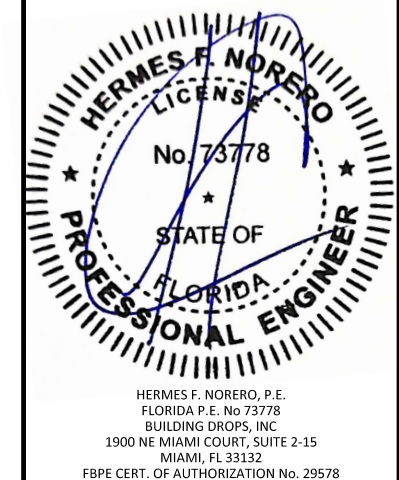
HORIZONTAL SECTIONS

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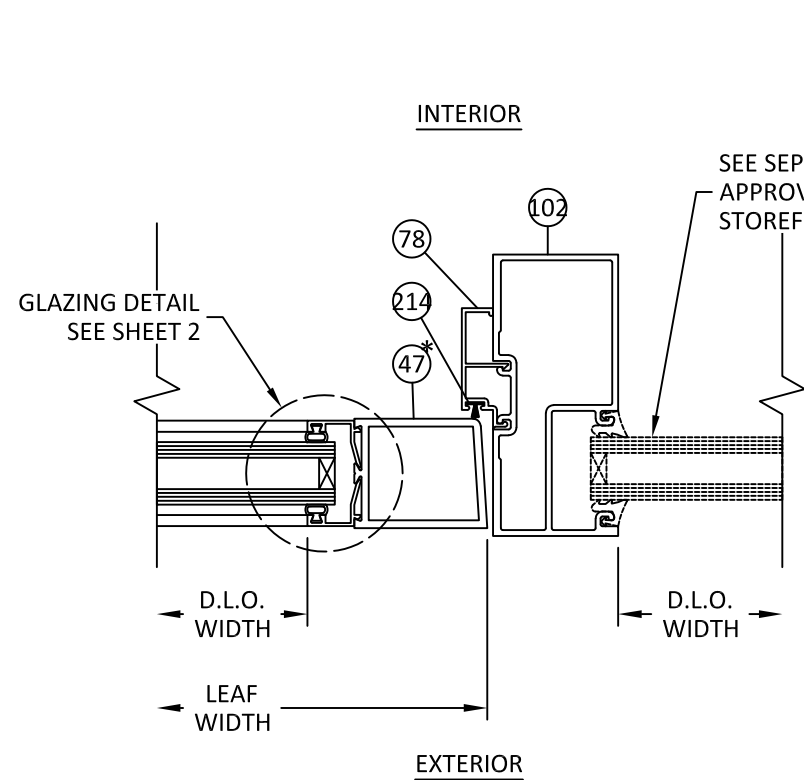
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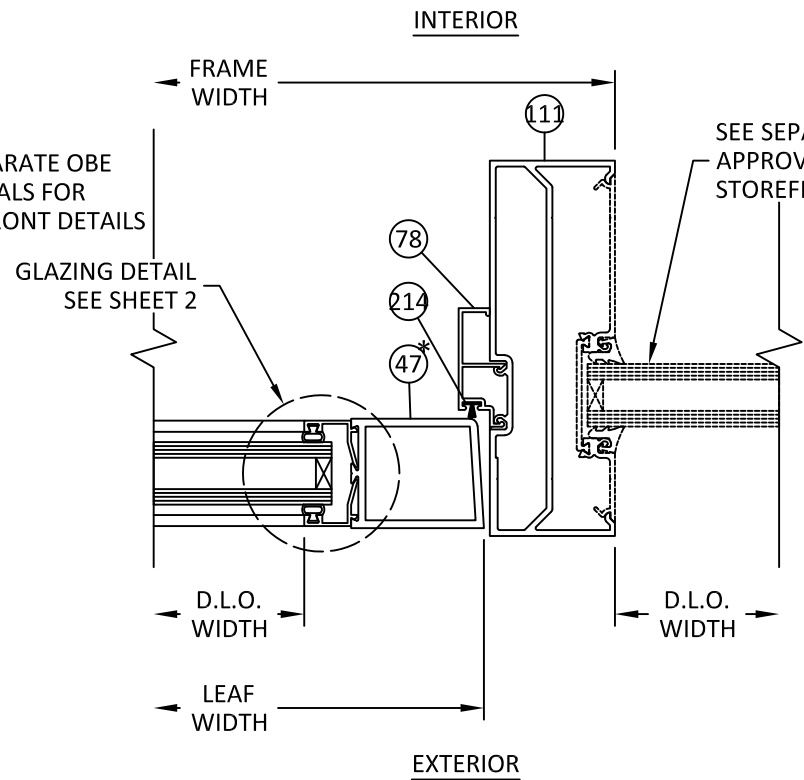
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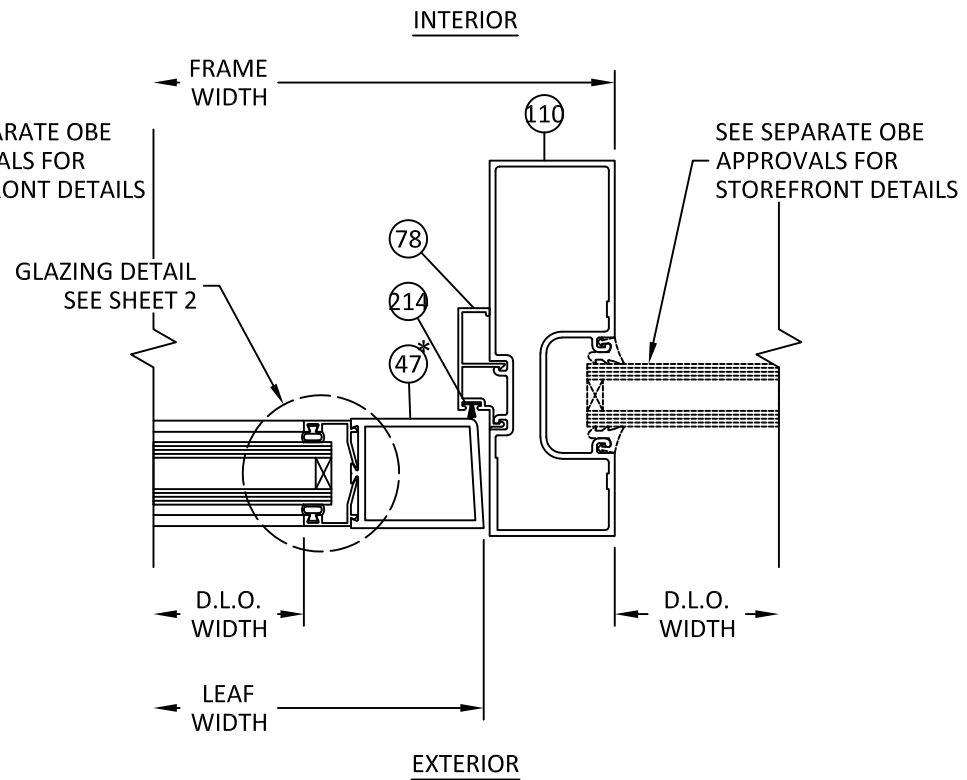
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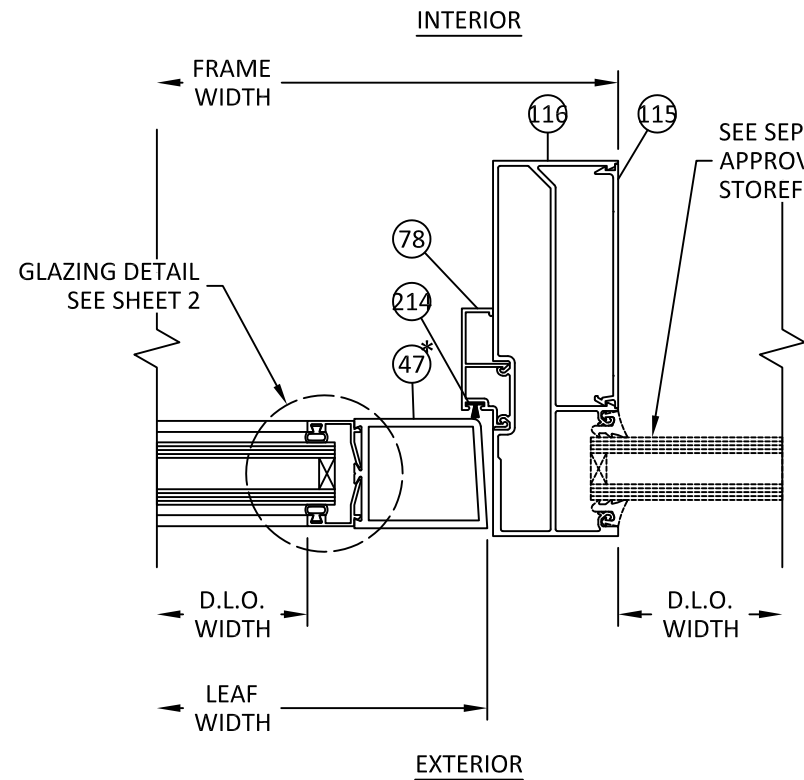
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DOOR JAMB W/ SIDELITE
3000 MP FRAMING - FS/BS



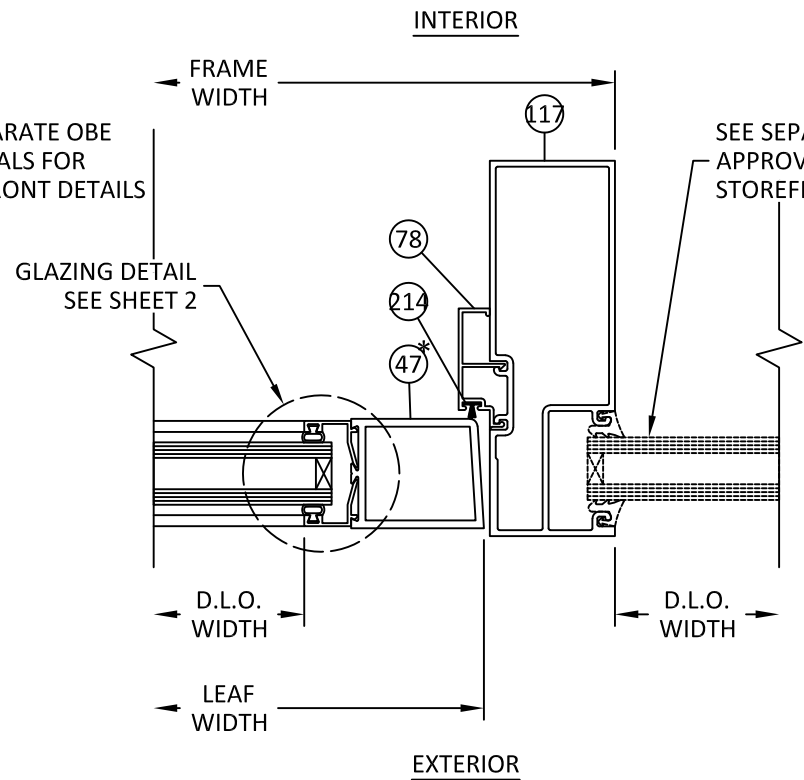
BY 21 HORIZONTAL SECTION
DOOR JAMB W/ SIDELITE
6000 MP FRAMING - CS



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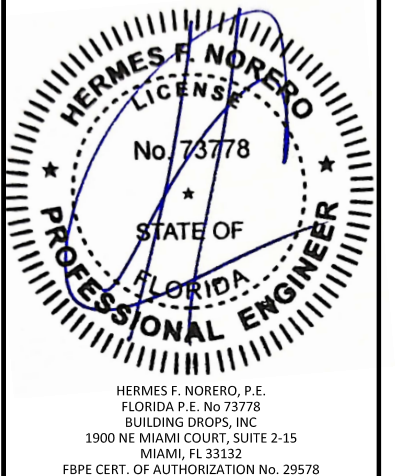
TITLE: NS-212, MS-375, & WS-500
ALUMINUM ENTRANCE DOOR
(NON-HVHZ) (NON-IMPACT)
HORIZONTAL SECTIONS

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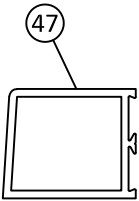
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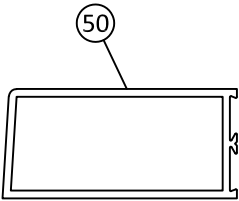
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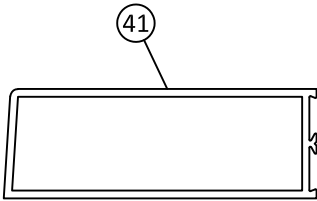
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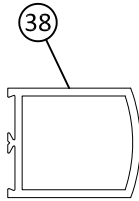
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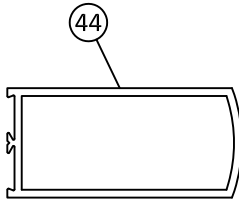
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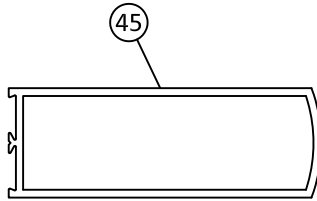
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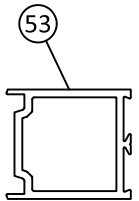
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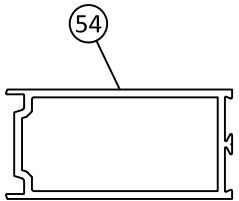
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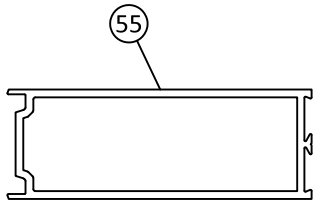
WS-500 INACTIVE STILE



NS-212 ACTIVE STILE



MS-375 ACTIVE STILE



WS-500 ACTIVE STILE



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PH: (972) 551-6100

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

STILE OPTIONS

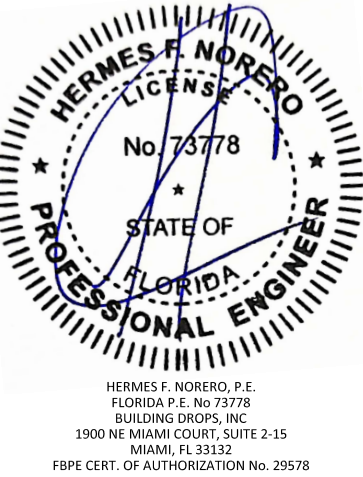
PREPARED BY:



BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
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SCALE:	NTS	
DWG. #:	OBE013	
SHEET:	22	

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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	



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)
HARDWARE CHART

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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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

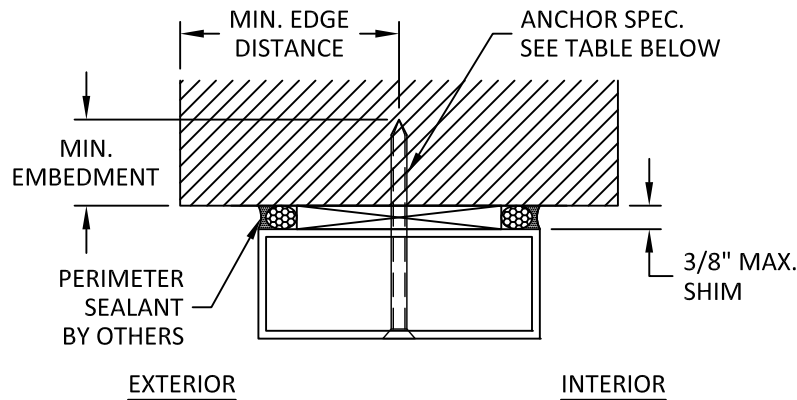
SCALE:
NTS

DWG. #:
OBE013

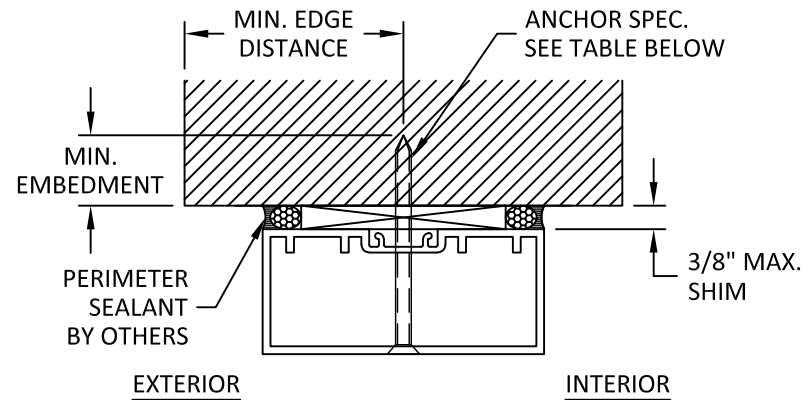
SHEET:
23

OF 31

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



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

NOTE: HEAD INSTALLATION SHOWN, JAMBS ARE SIMILAR.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ INCH 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.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

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



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

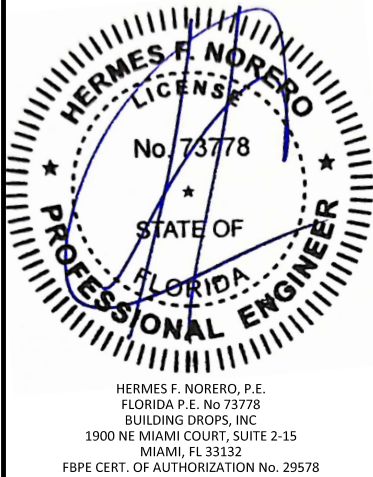
INSTALLATION DETAILS

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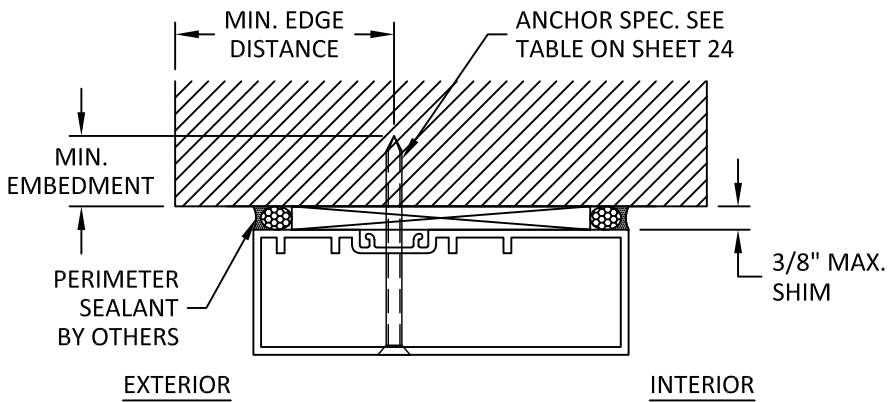
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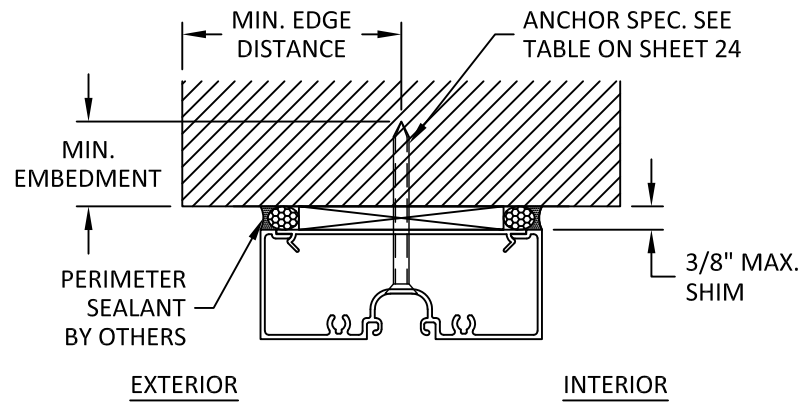


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DWG. #:	OBE013
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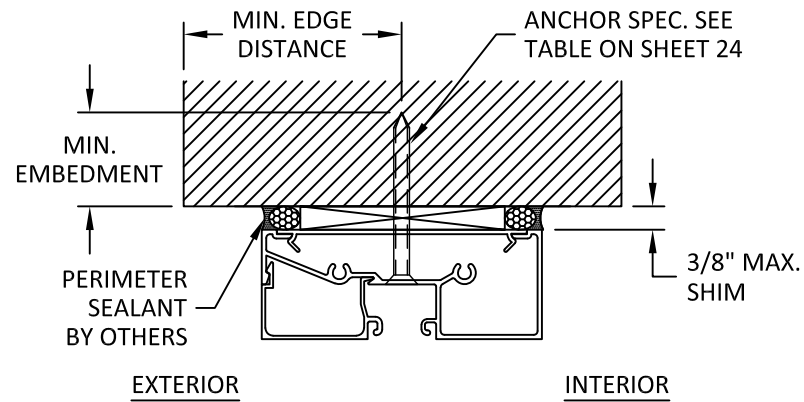
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CI 25 INSTALLATION DETAIL
DOOR HEAD
6000 MP FRAMING

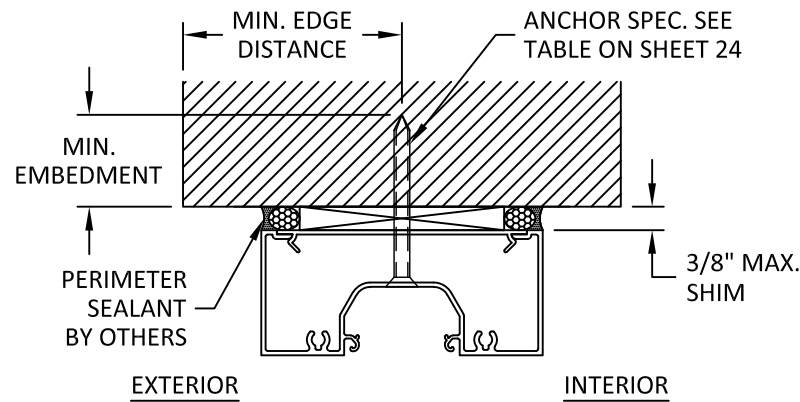


CJ 25 INSTALLATION DETAIL
TRANSOM HEAD
FG-2000 FRAMING

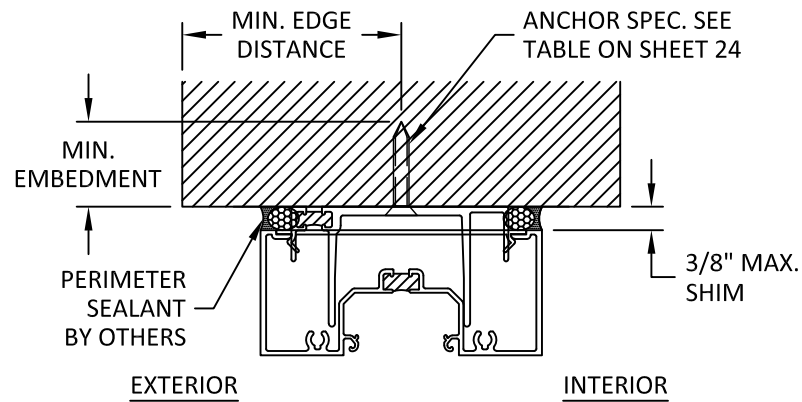


CK 25 INSTALLATION DETAIL
TRANSOM HEAD
FG-2000 FRAMING

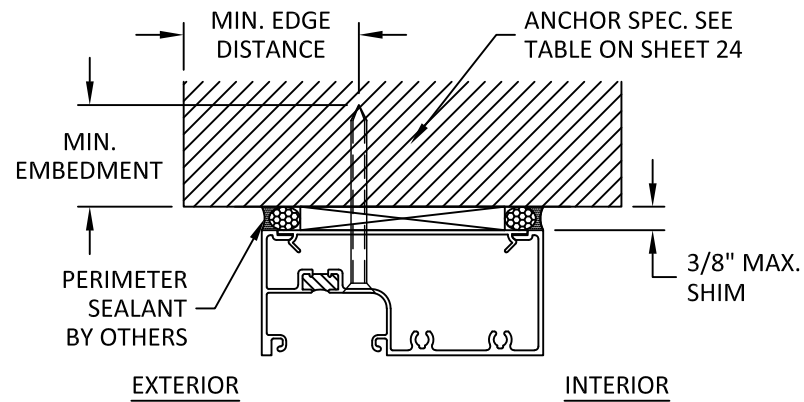
NOTE: HEAD INSTALLATION SHOWN, JAMBS ARE SIMILAR.



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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PH: (972) 551-6100

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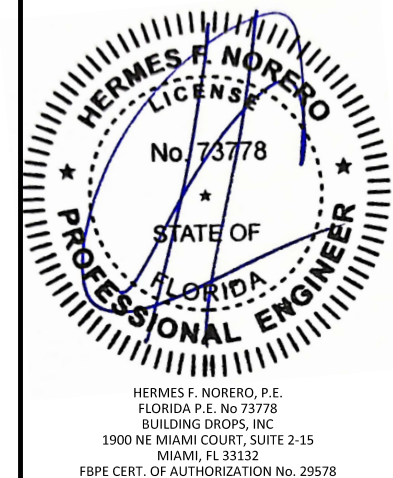
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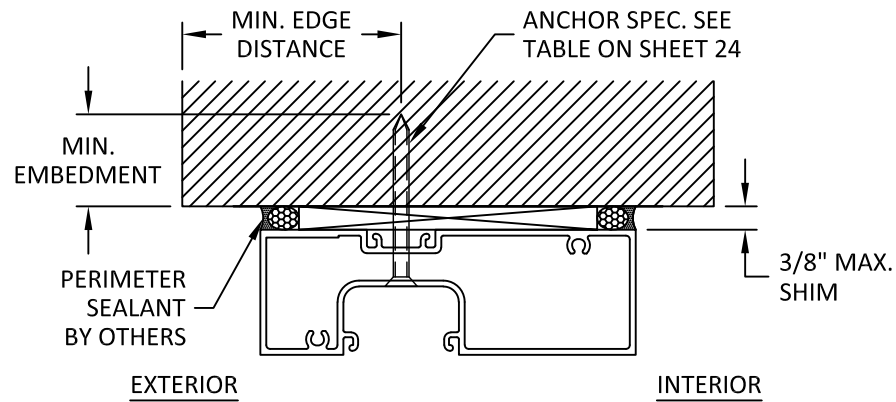
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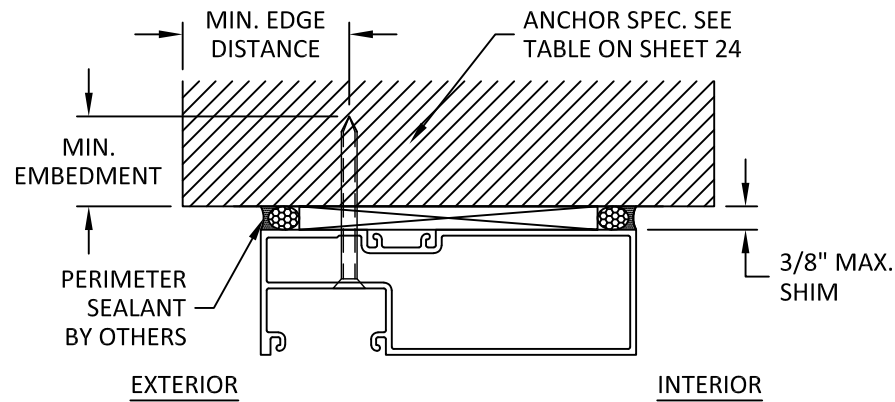


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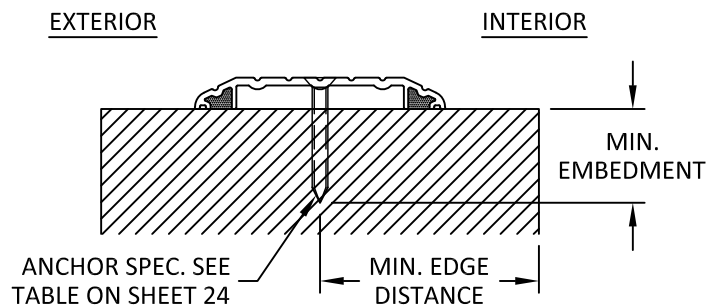


CO
26 **INSTALLATION DETAIL**
TRANSOM HEAD
6000 MP FRAMING - CS

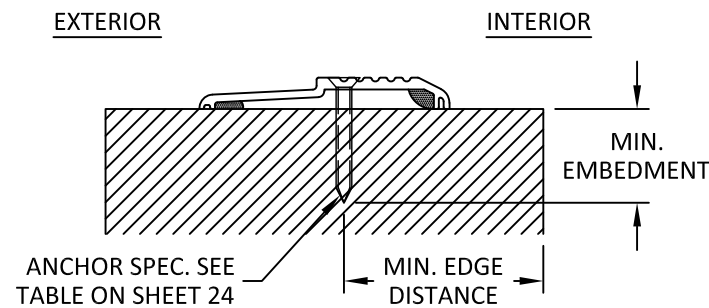


CP
26 **INSTALLATION DETAIL**
TRANSOM HEAD
6000 MP FRAMING - FS/BS

NOTE: HEAD INSTALLATION SHOWN, JAMBS ARE SIMILAR.



CQ
26 **INSTALLATION DETAIL**
DOOR SILL



CR
26 **INSTALLATION DETAIL**
DOOR SILL



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TITLE:
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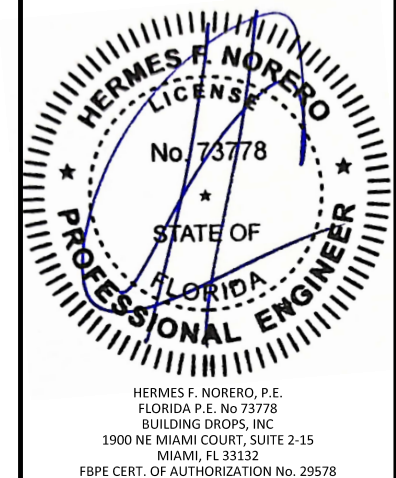
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1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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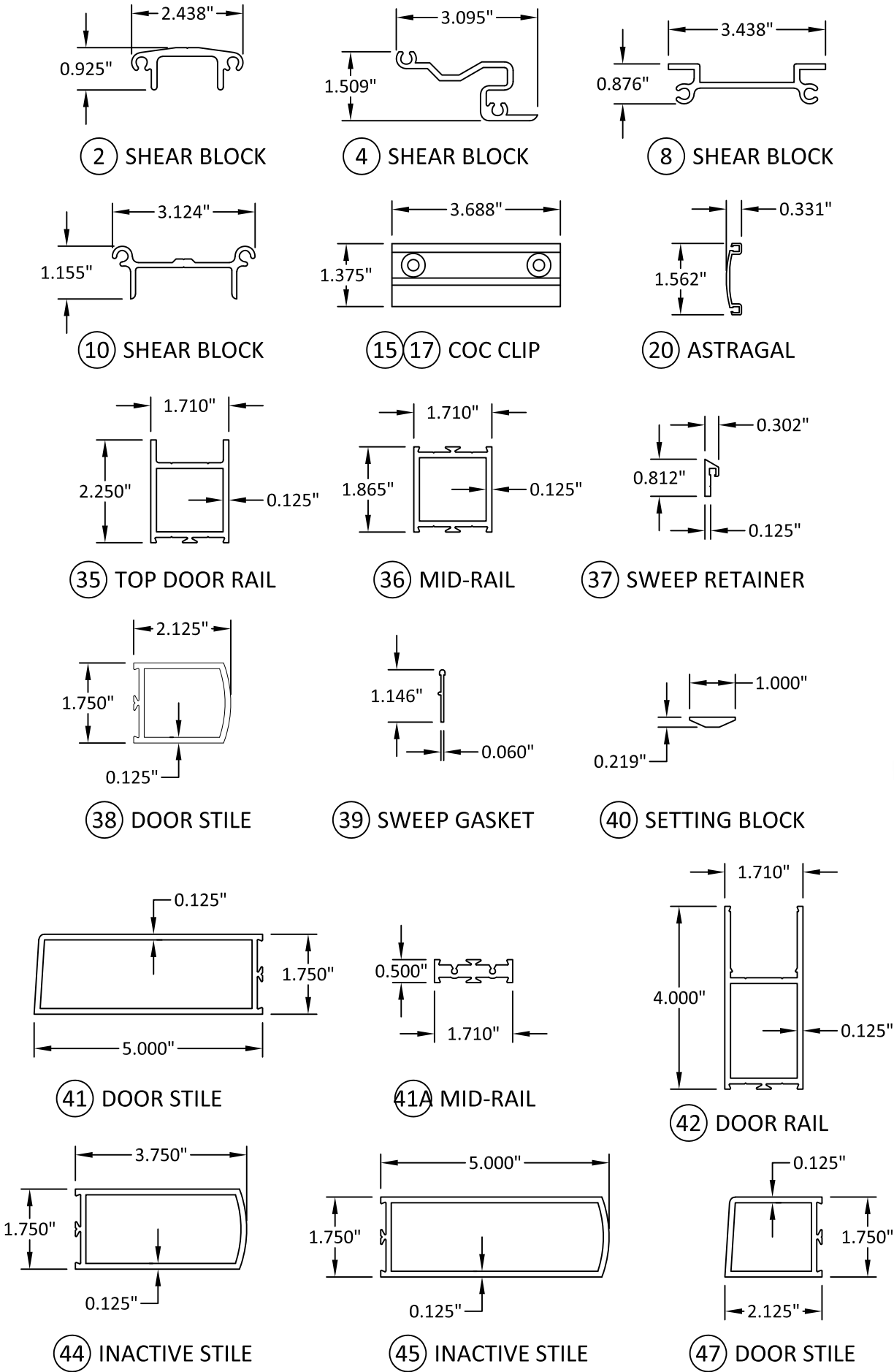


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BILL OF MATERIALS			
ITEM #	PART #	DESCRIPTION	MATERIAL
1	AC-103	SHEAR BLOCK EXTRUSION	6063-T6
2	AC-103-01	SHEAR BLOCK	6063-T6
3	AC-104	SHEAR BLOCK EXTRUSION	6063-T6
4	AC-104-01	SHEAR BLOCK	6063-T6
5	-	-	-
6	-	-	-
7	AC-107	SHEAR BLOCK EXTRUSION	6063-T6
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

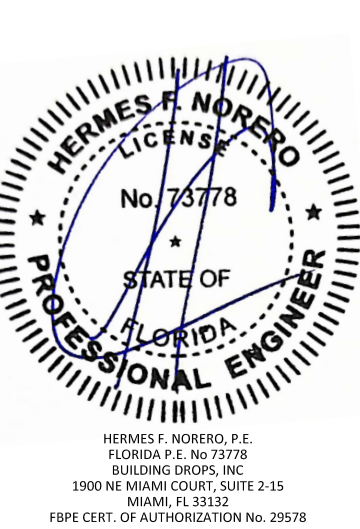


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TITLE: NS-212, MS-375, & WS-500
ALUMINUM ENTRANCE DOOR
(NON-HVHZ) (NON-IMPACT)
BILL OF MATERIALS & COMPONENTS
PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
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REMARKS	BY	DATE

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DATE: **06.04.2025**

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

SCALE: **NTS**

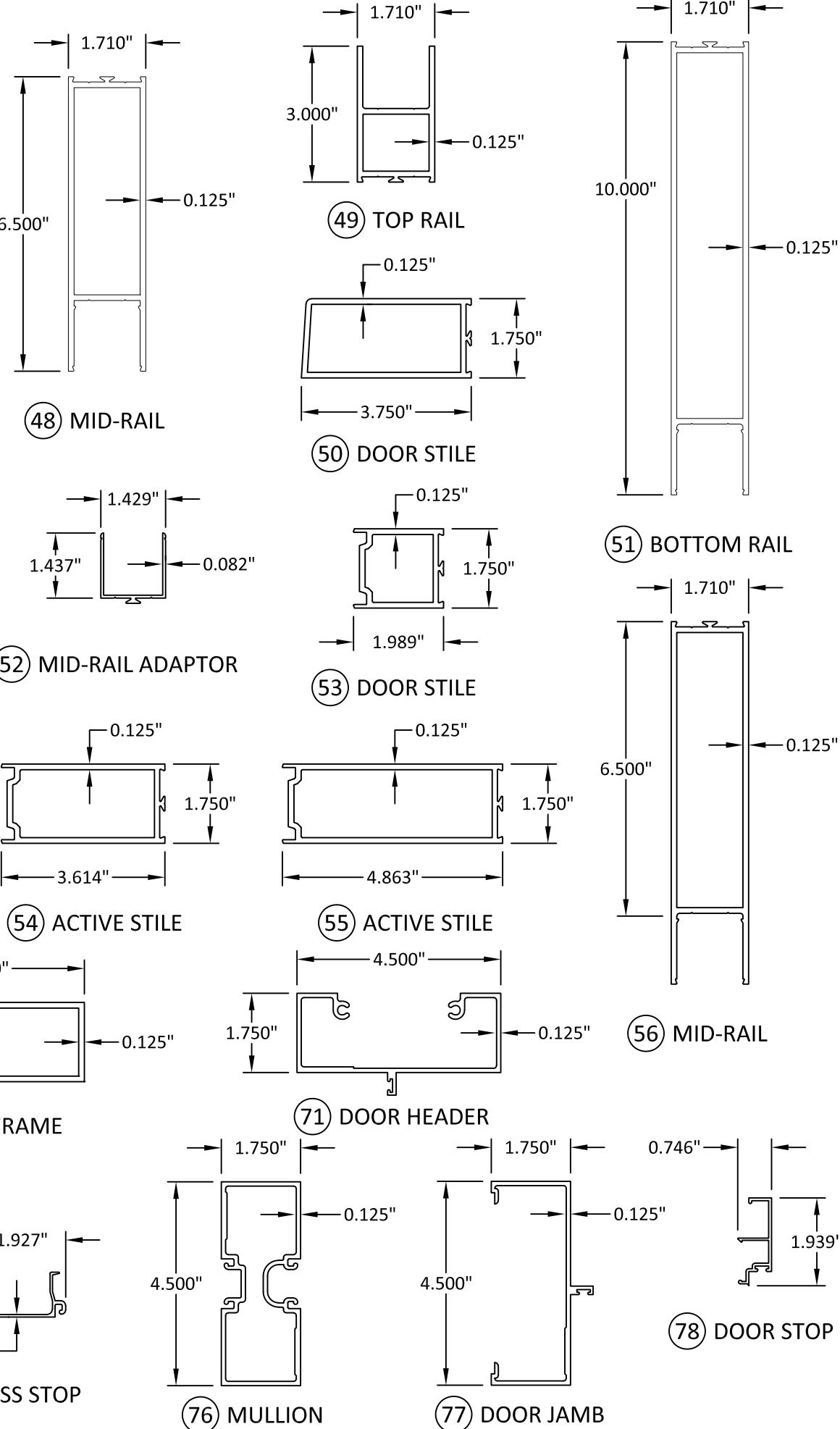
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BILL OF MATERIALS (CONT.)

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

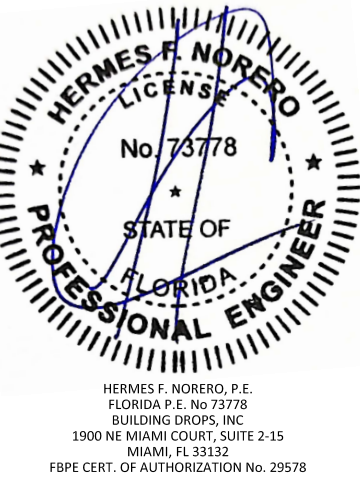


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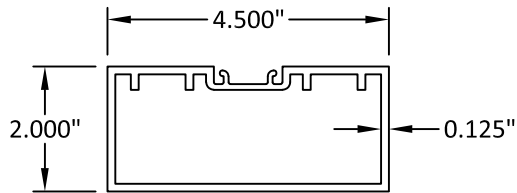
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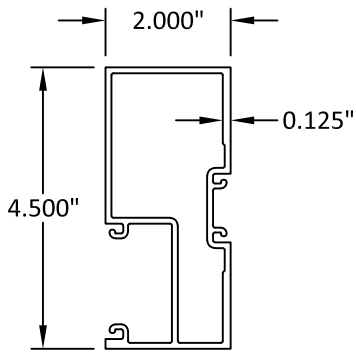
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BILL OF MATERIALS (CONT.)

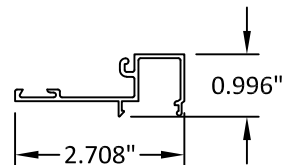
ITEM #	PART #	DESCRIPTION	MATERIAL
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80	FG-2122-01	FLAT FILLER	6063-T6
81	-	-	-
83	-	-	-
84	FG-2170	DOOR STOP	6063-T5
85	-	-	-
86	FG-2188	FLAT FILLER	PVC
87	FG-3000-FP-29	SHEAR BLOCK	6063-T6
88	FG-3000-FP-34	SHEAR BLOCK	6063-T6
89	FG-3000-FP-48	SHEAR BLOCK	6063-T6
90	FG-3000-FP-62	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



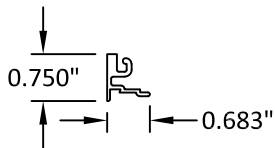
97 DOOR HEADER



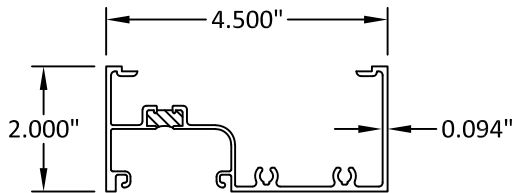
102 DOOR JAMB



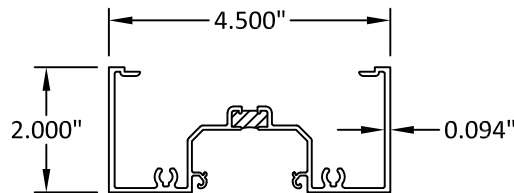
104 SASH



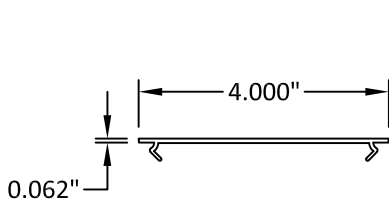
105 SASH STOP



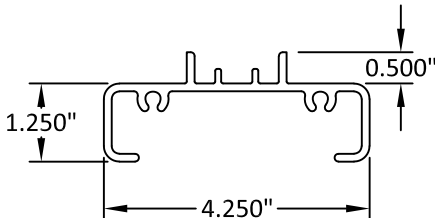
101 OPEN BACK JAMB/SILL



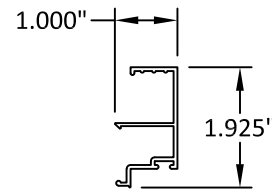
109 TRANSOM HEADER



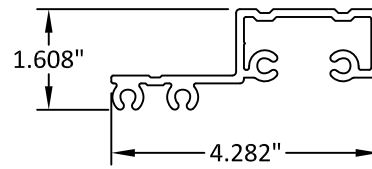
79 86 FLAT FILLER



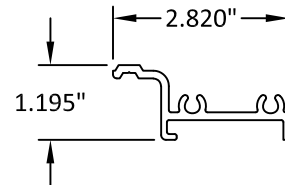
88 SHEAR BLOCK



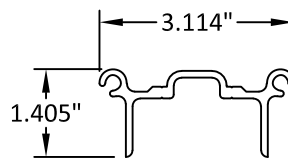
84 DOOR STOP



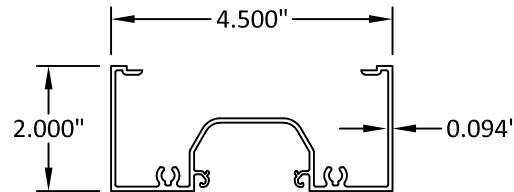
89 SHEAR BLOCK



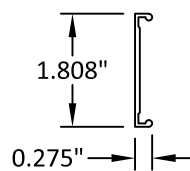
87 SHEAR BLOCK



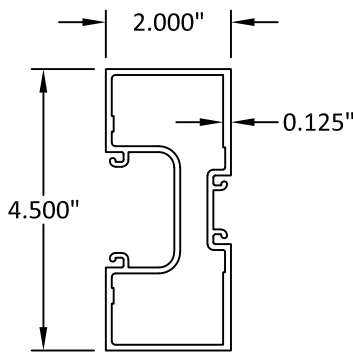
90 SHEAR BLOCK



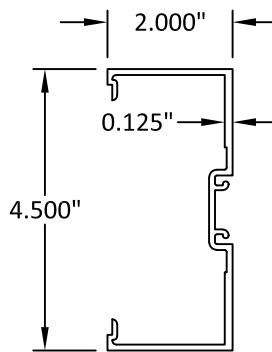
91 MULLION



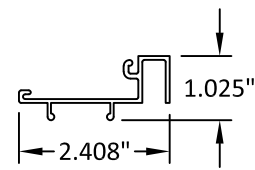
92 POCKET FILLER



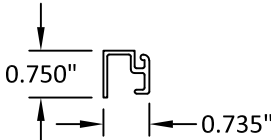
93 DOOR JAMB



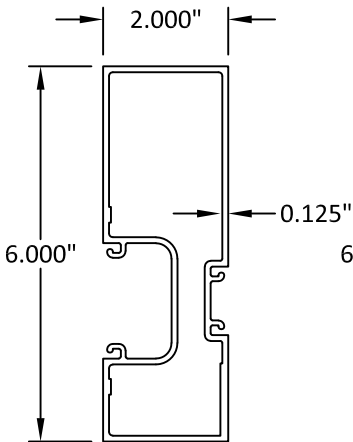
94 DOOR JAMB



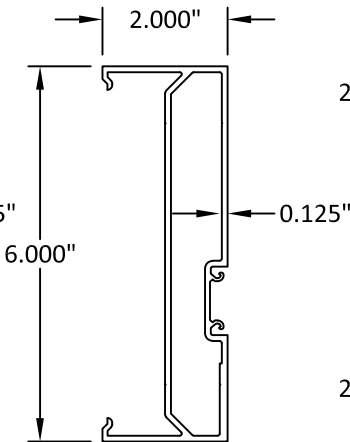
95 GLAZING ADAPTOR



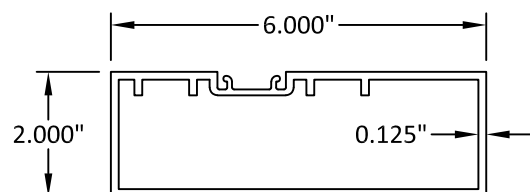
96 GLAZING ADAPTOR



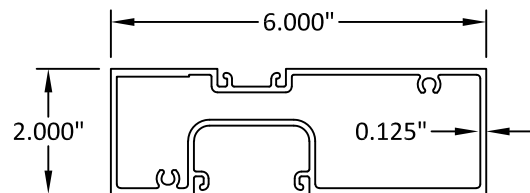
110 DOOR JAMB



111 JAMB MULLION



112 DOOR HEADER



113 DOOR HEADER

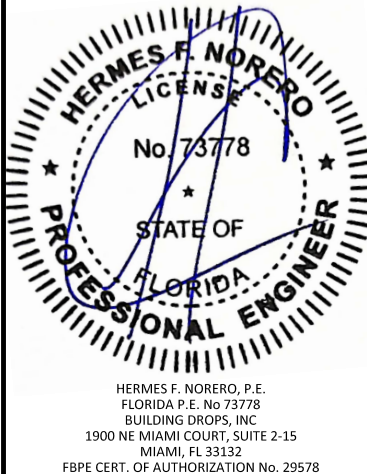


OLDCASTLE BUILDINGENVELOPE®
8655 ELM FAIR BLVD.
TAMPA, FL 33610
PH: (972) 551-6100

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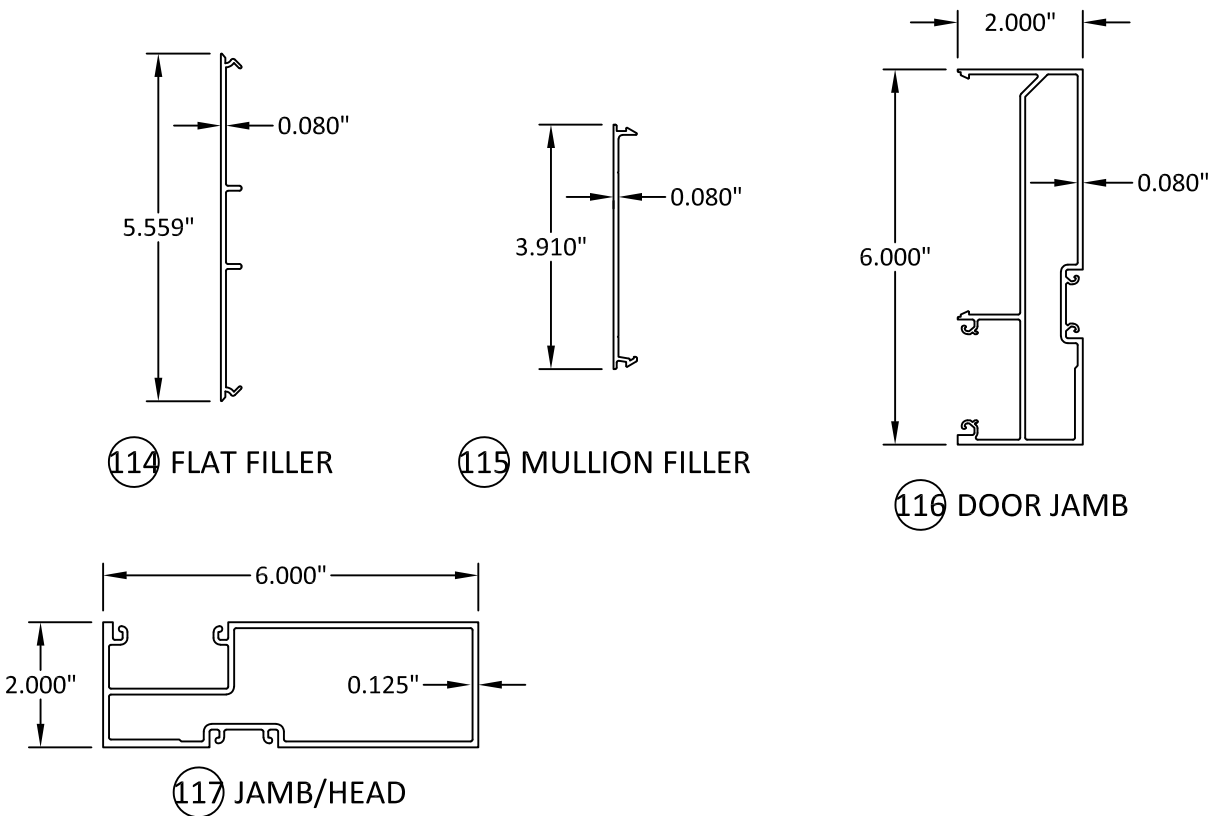


FL #: **FL17692**
DATE: **06.04.2025**
DWG. BY: **MS** CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **OBE013**
SHEET: **29** OF 31

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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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(NON-HVHZ) (NON-IMPACT)

BILL OF MATERIALS & COMPONENTS

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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:
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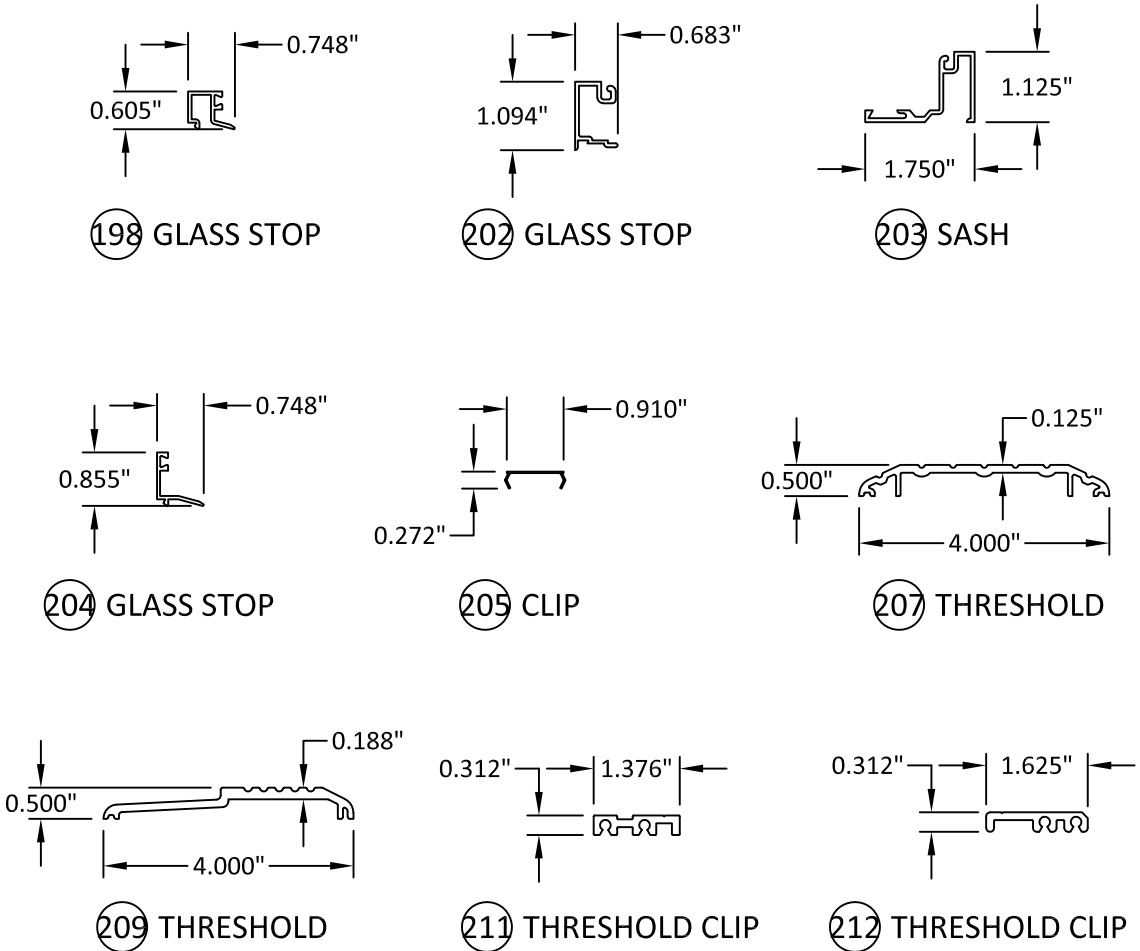
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OF 31

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BILL OF MATERIALS (CONT.)

ITEM #	PART #	DESCRIPTION	MATERIAL
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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