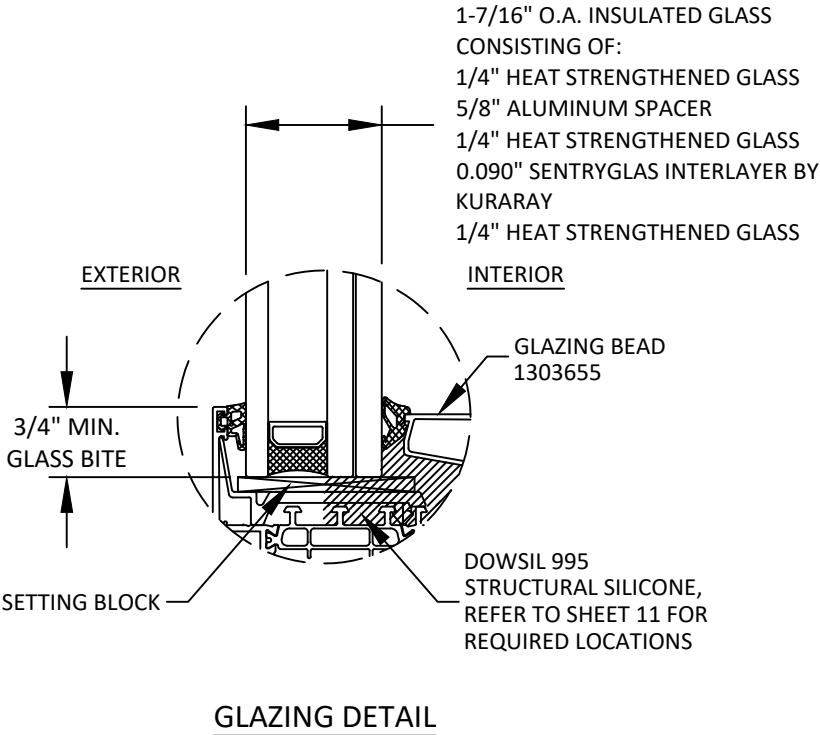


REYNAERS ALUMINIUM

MASTERLINE 8 TERRACE SIDE HINGED DOOR (WZ3)(IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-17
 - TAS 201-94
 - TAS 203-94
 - ASTM E1886-13a
 - ASTM E1996-14a
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
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 ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
7. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
8. DOOR FRAME MATERIAL: ALUMINUM 6060-T66
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



GLAZING DETAIL

GLAZING NOTES:

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

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAIL
2	SINGLE DOOR ELEVATION & DESIGN PRESSURE TABLE
3	SINGLE DOOR ANCHOR LAYOUTS
4	DOUBLE DOOR ELEVATION & DESIGN PRESSURE TABLE
5	DOUBLE DOOR ANCHOR LAYOUTS
6	VERTICAL SECTIONS
7	HORIZONTAL SECTIONS
8	HORIZONTAL SECTION
9	INTEGRAL & STANDALONE MULLION SECTIONS
10	INTEGRAL & STANDALONE MULLION SECTIONS
11	STRUCTURAL SILICONE LOCATIONS & ALTERNATE PROFILES
12	INSTALLATION NOTES & ANCHOR DETAILS
13	ANCHOR SCHEDULE & ANCHOR DETAILS

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
X	SEE TABLE ON SHEET 2			LARGE & SMALL MISSILE IMPACT
XX	SEE TABLE ON SHEET 4			



2115 REXFORD ROAD, SUITE 215
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EMAIL: INFO.N-A@REYNAERS.COM

TITLE: MASTERLINE 8 TERRACE SIDE HINGED DOOR (WZ3) (IMPACT)

GENERAL NOTES & GLAZING DETAIL

PREPARED BY: BUILDING DROPS, INC.

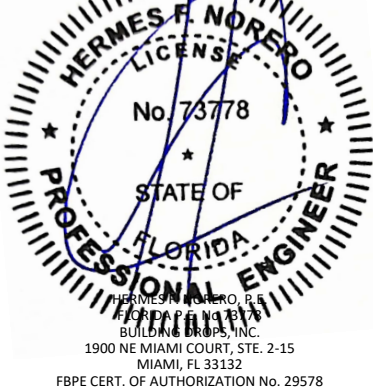
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.10.13 08:00:18 -04'00'



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DATE: 08.19.25

DWG. BY: DB
CHK. BY: HFN

SCALE: NTS

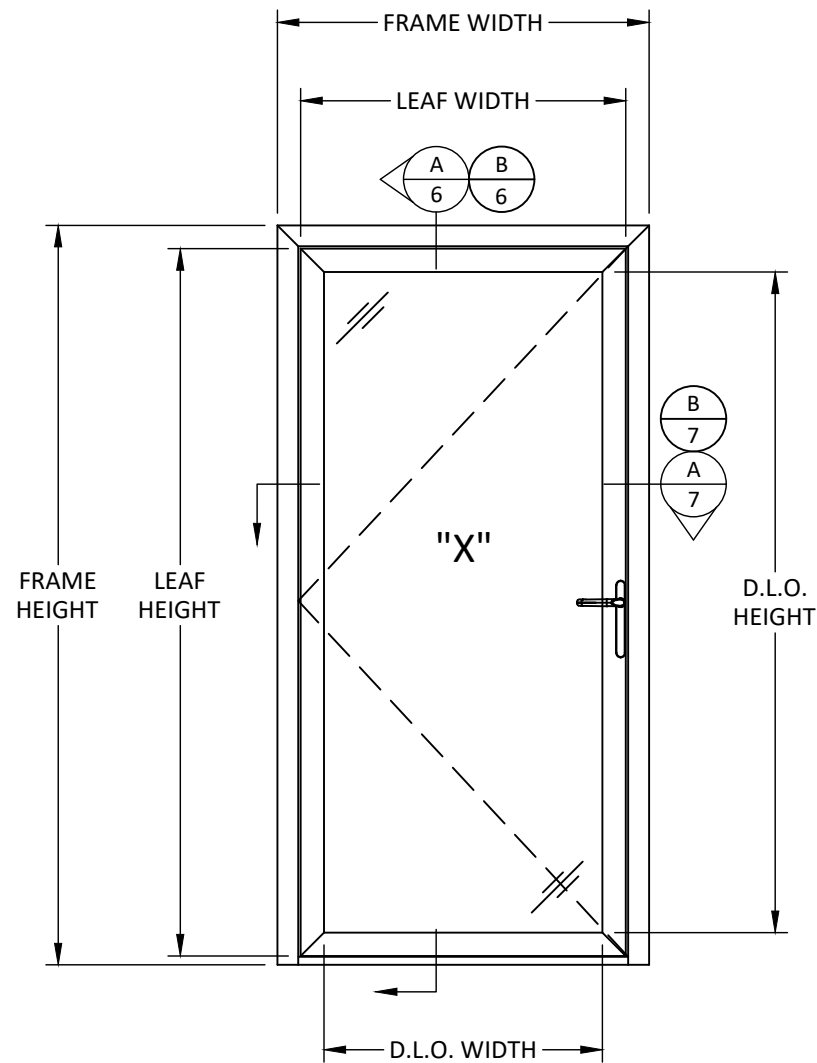
DWG. #: REY005

SHEET:

1

OF 13

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ELEVATION
SINGLE DOOR

OUTSWING TERRACE SINGLE DOOR (OS):
LEAF HEIGHT = FRAME HEIGHT - 1.375"
LEAF WIDTH = FRAME WIDTH - 2.125"
D.L.O. HEIGHT = FRAME HEIGHT - 10.625"
D.L.O. WIDTH = FRAME WIDTH - 11.375"

INSWING TERRACE SINGLE DOOR (IS):
LEAF HEIGHT = FRAME HEIGHT - 2.125"
LEAF WIDTH = FRAME WIDTH - 2.125"
D.L.O. HEIGHT = FRAME HEIGHT - 9.6875"
D.L.O. WIDTH = FRAME WIDTH - 10.5"

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		OS (+/- PSF)	IS (+/- PSF)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
36	84	60.0	50.0
42		60.0	50.0
48		60.0	50.0
36	90	60.0	50.0
42		60.0	50.0
48		60.0	50.0
36	96	60.0	50.0
42		60.0	50.0
36	102	60.0	50.0
42		55.2	50.0
36	108	54.6	50.0
42		46.4	-
36	114	46.4	47.2
36	120	39.7	40.4
36	126	34.2	-

- HARDWARE NOTES:**
- USE STILETTO OR ROLLENBAND HINGES, ALONG WITH 060.6362 KEEPER AND MATCHING MUSHROOM LOCK POINTS OR FUHR 835/836 MULTIPOINT LOCKS



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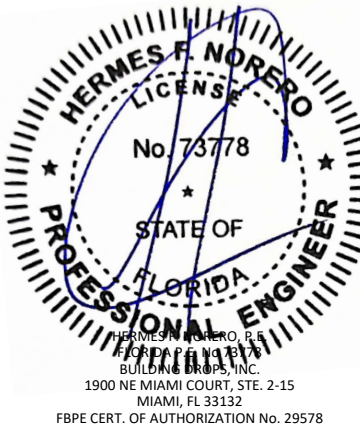
TITLE: MASTERLINE 8 TERRACE
SIDE HINGED DOOR
(WZ3) (IMPACT)
SINGLE DOOR ELEVATION &
DESIGN PRESSURE TABLE

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DATE: **08.19.25**

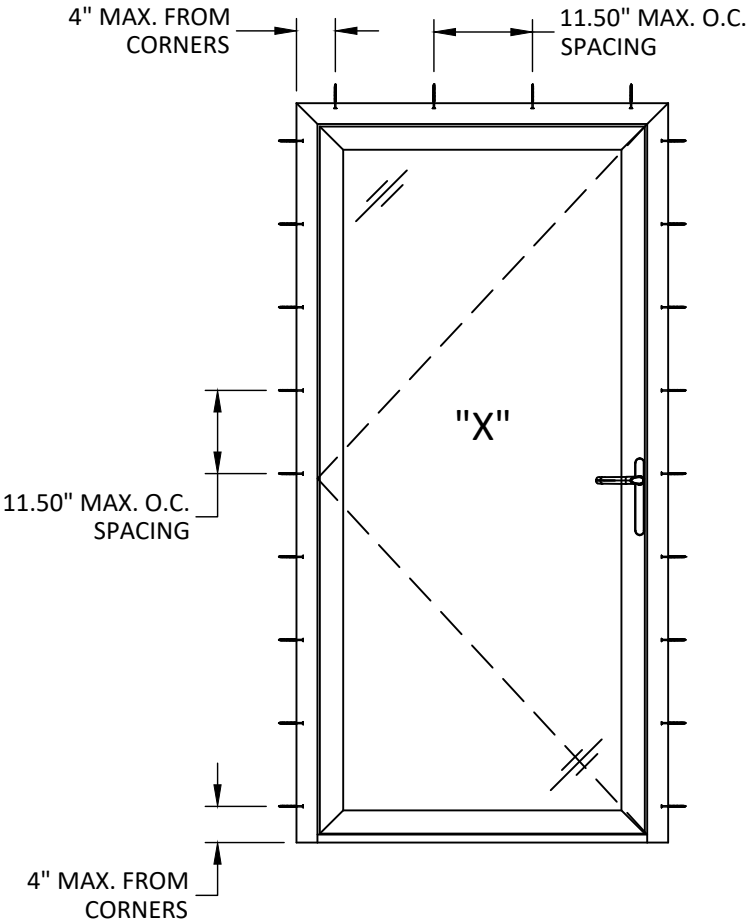
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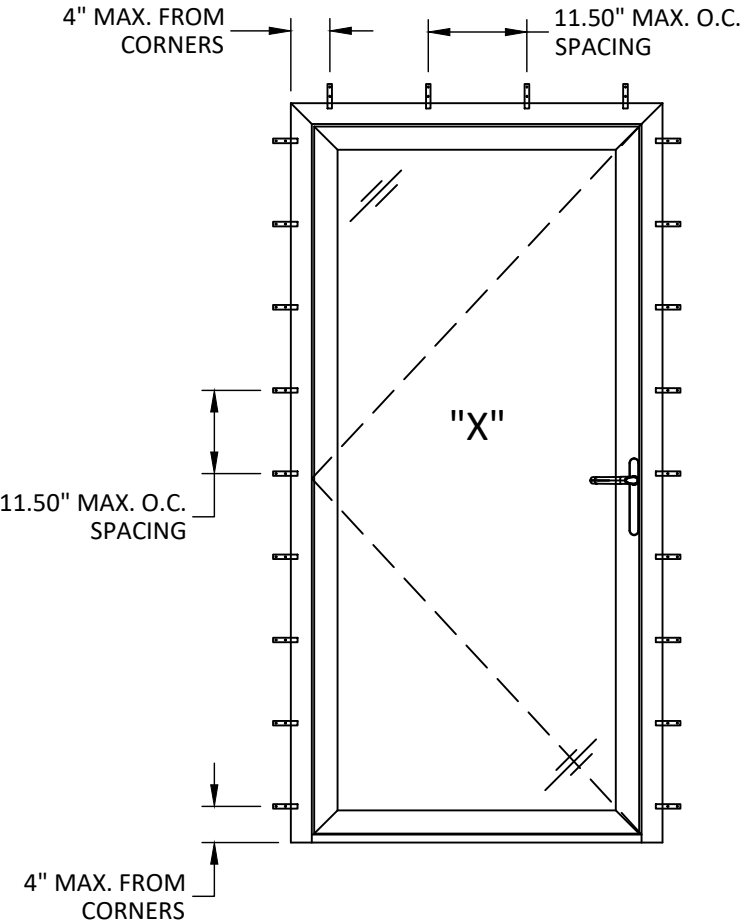
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ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



ANCHOR LAYOUT
STRAP INSTALLATION

NOTE: NO ANCHORS REQUIRED AT SILL. SILL SET ON BED OF STRUCTURAL SEALANT.



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TITLE: MASTERLINE 8 TERRACE
SIDE HINGED DOOR
(WZ3) (IMPACT)

SINGLE DOOR ANCHOR LAYOUTS

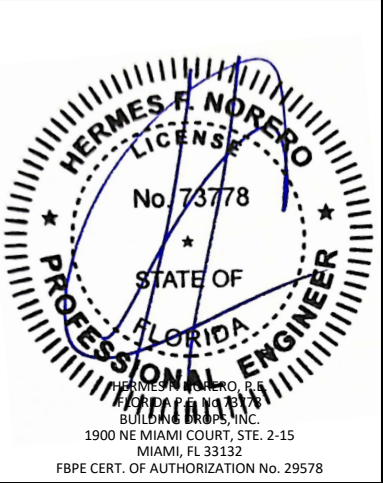
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SCALE: **NTS**

DWG. #: **REY005**

SHEET:
3
OF 13

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TITLE: MASTERLINE 8 TERRACE
SIDE HINGED DOOR
(W23) (IMPACT)

DOUBLE DOOR ANCHOR LAYOUTS

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

FL #:
FL47836

DATE:
08.19.25

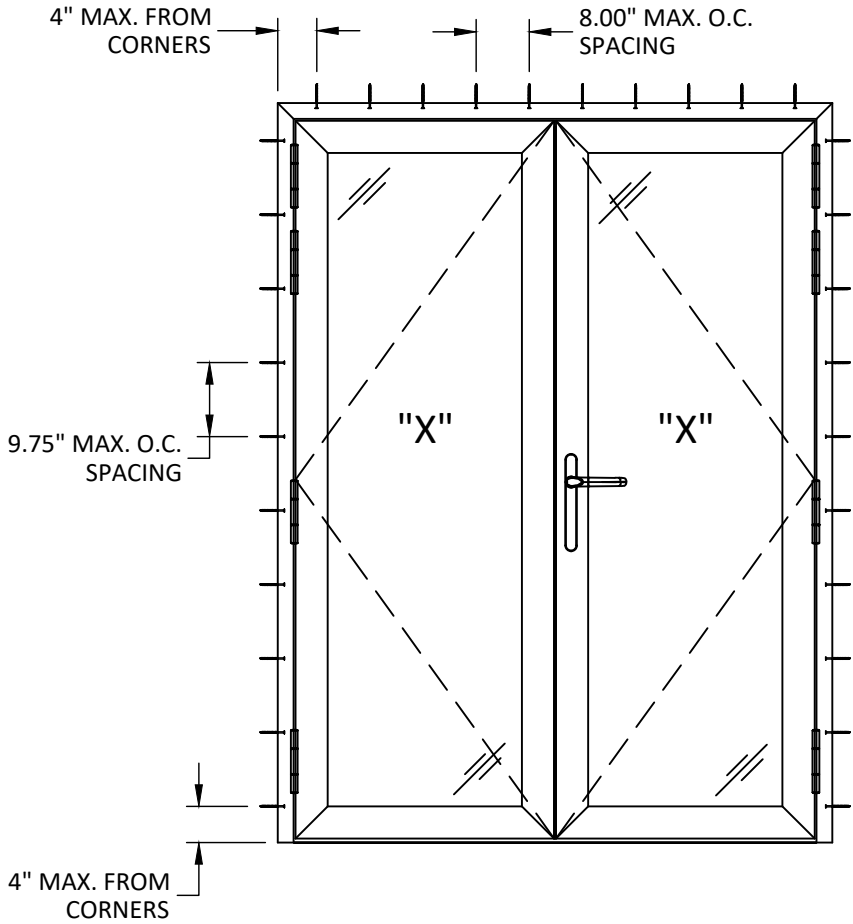
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CHK. BY:
HFN

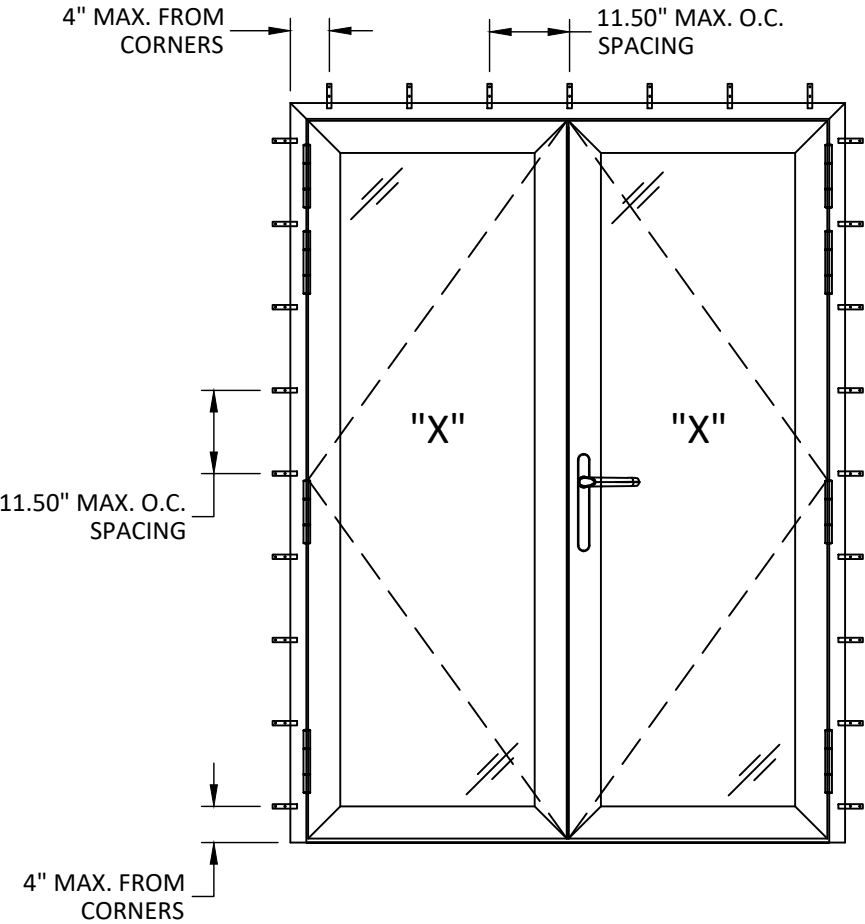
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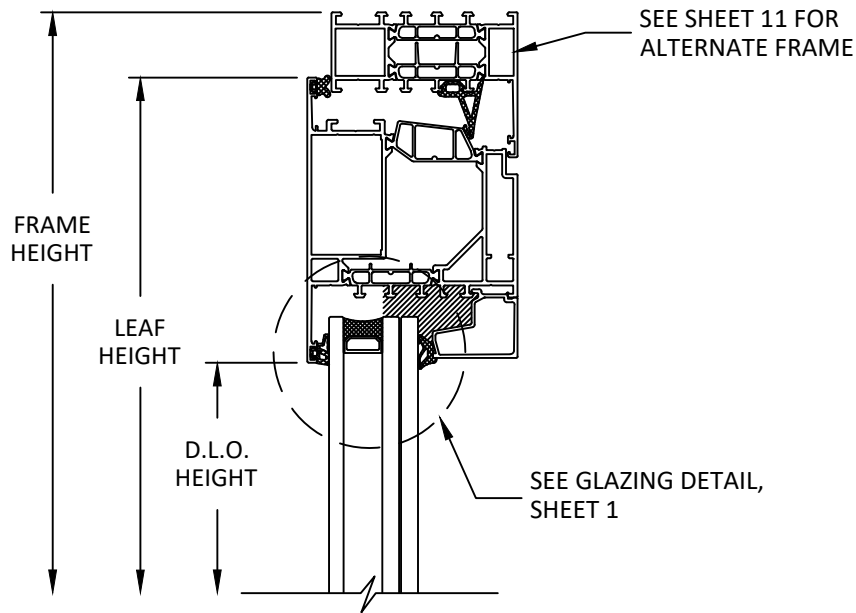
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THROUGH FRAME INSTALLATION



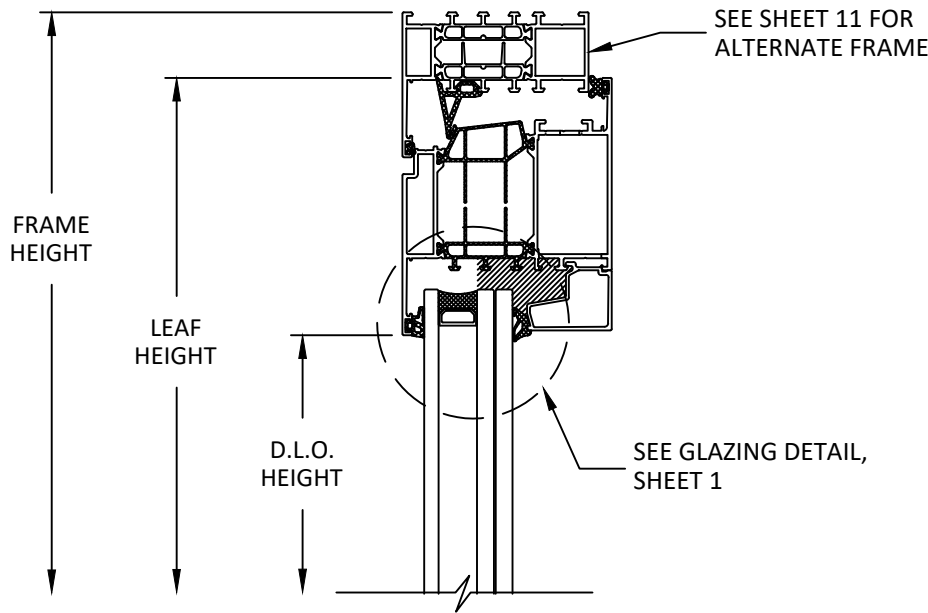
ANCHOR LAYOUT
STRAP INSTALLATION

NOTE: NO ANCHORS REQUIRED AT SILL. SILL
SET ON BED OF STRUCTURAL SEALANT.

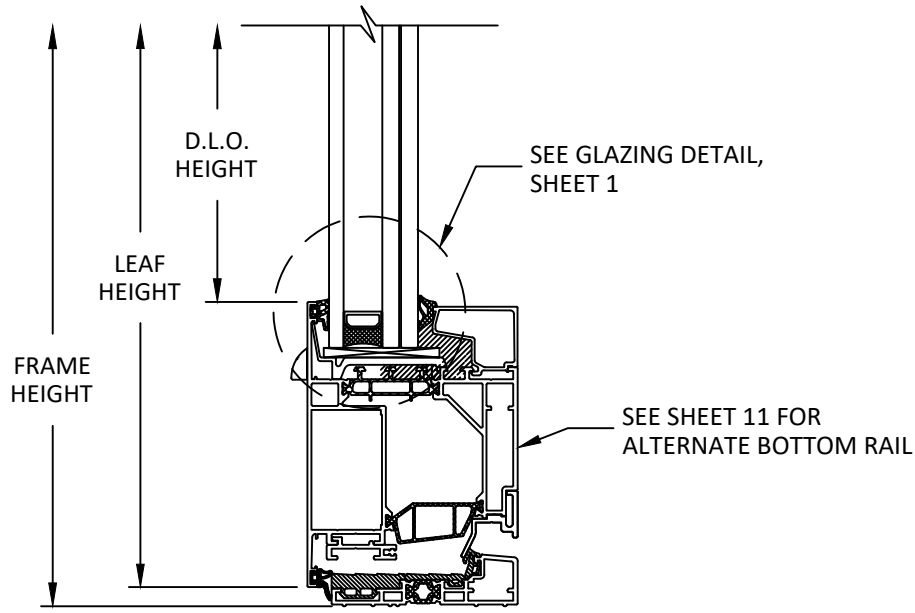
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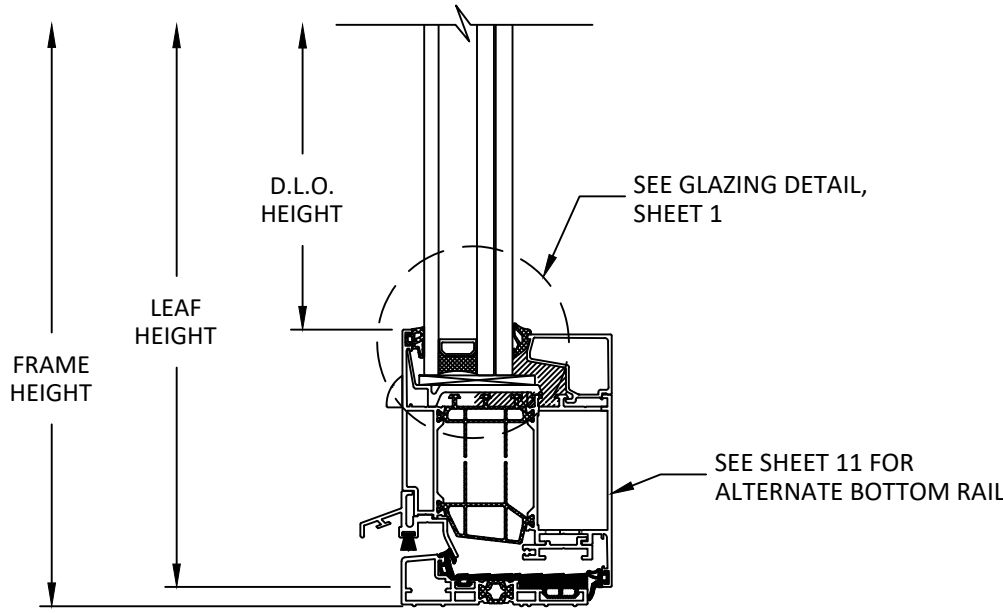
EXTERIOR INTERIOR



EXTERIOR INTERIOR



A
6 VERTICAL SECTION
OUTSWING



B
6 VERTICAL SECTION
INSWING



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TITLE: MASTERLINE 8 TERRACE
SIDE HINGED DOOR
(WZ3) (IMPACT)

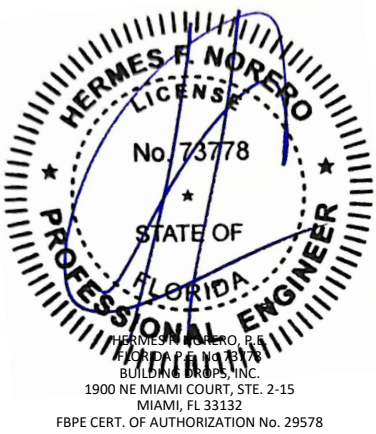
VERTICAL SECTIONS

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MASTERLINE 8 TERRACE
SIDE HINGED DOOR
(WZ3) (IMPACT)

HORIZONTAL SECTION

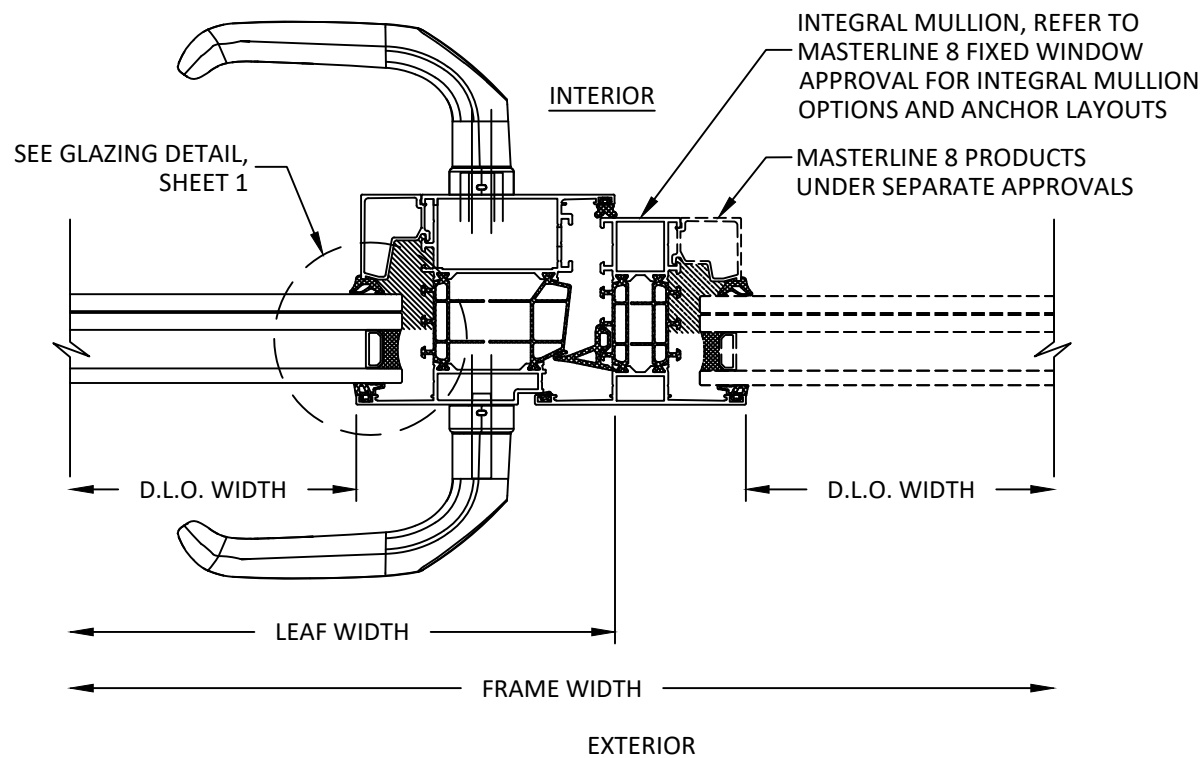
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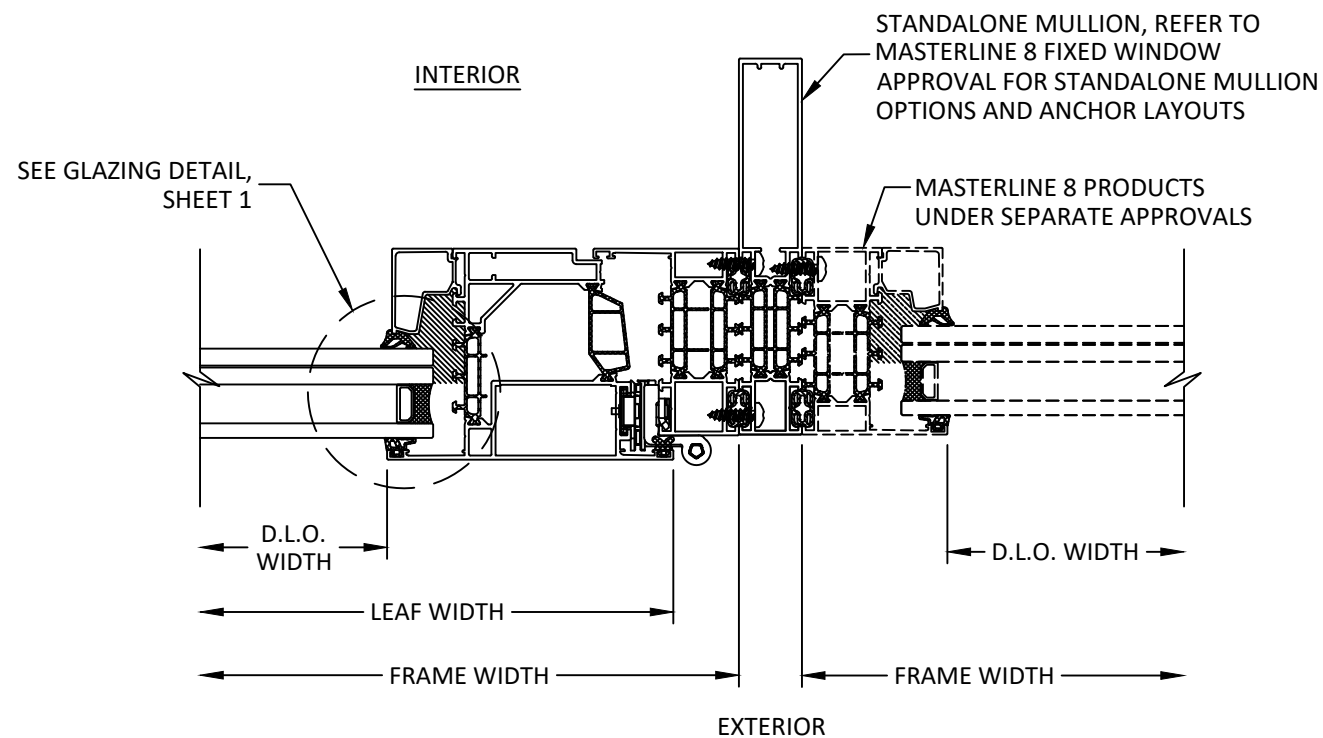


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 MIAMI, FL 33132
 FBPE CERT. OF AUTHORIZATION NO. 29578

8



A HORIZONTAL SECTION
9 INTEGRAL MULLION



B9 HORIZONTAL SECTION

STANDALONE MULLION

NOTE: THE INTEGRAL MULLIONS MENTIONED IN THE MASTERLINE 8 FIXED WINDOW APPROVAL ARE ONLY APPLICABLE TO THE FOLLOWING MASTERLINE 8 PRODUCTS:

- FIXED
- TILT & TURN AND TURN & TILT
- INSWING CASEMENT
- INSWING TERRACE SIDE HINGED DOOR

THESE PRODUCTS CAN BE COMBINED AND PLACED IN ANY CONFIGURATION. THE MASTERLINE 8 PRODUCTS CAN BE FOUND UNDER SEPARATE APPROVALS. UNITS LIMITED BY TABLES SHOWN ON FIXED WINDOW APPROVAL AND BY TABLES SHOWN ON THEIR RESPECTIVE APPROVALS.

NOTE: THE STANDALONE MULLIONS MENTIONED IN THE MASTERLINE 8 FIXED WINDOW APPROVAL ARE ONLY APPLICABLE TO THE FOLLOWING MASTERLINE 8 PRODUCTS:

- FIXED
- TILT & TURN AND TURN & TILT
- CASEMENT
- AWNING
- TERRACE SIDE HINGED DOOR
- ENTRANCE SIDE HINGED DOOR

THESE PRODUCTS CAN BE COMBINED AND PLACED IN ANY CONFIGURATION. THE MASTERLINE 8 PRODUCTS CAN BE FOUND UNDER SEPARATE APPROVALS. UNITS LIMITED BY TABLES SHOWN ON FIXED WINDOW APPROVAL AND BY TABLES SHOWN ON THEIR RESPECTIVE APPROVALS.



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MASTERLINE 8 TERRACE
SIDE HINGED DOOR
(WZ3) (IMPACT)

INTEGRAL & STANDALONE
MULLION SECTIONS

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SCALE: NTS

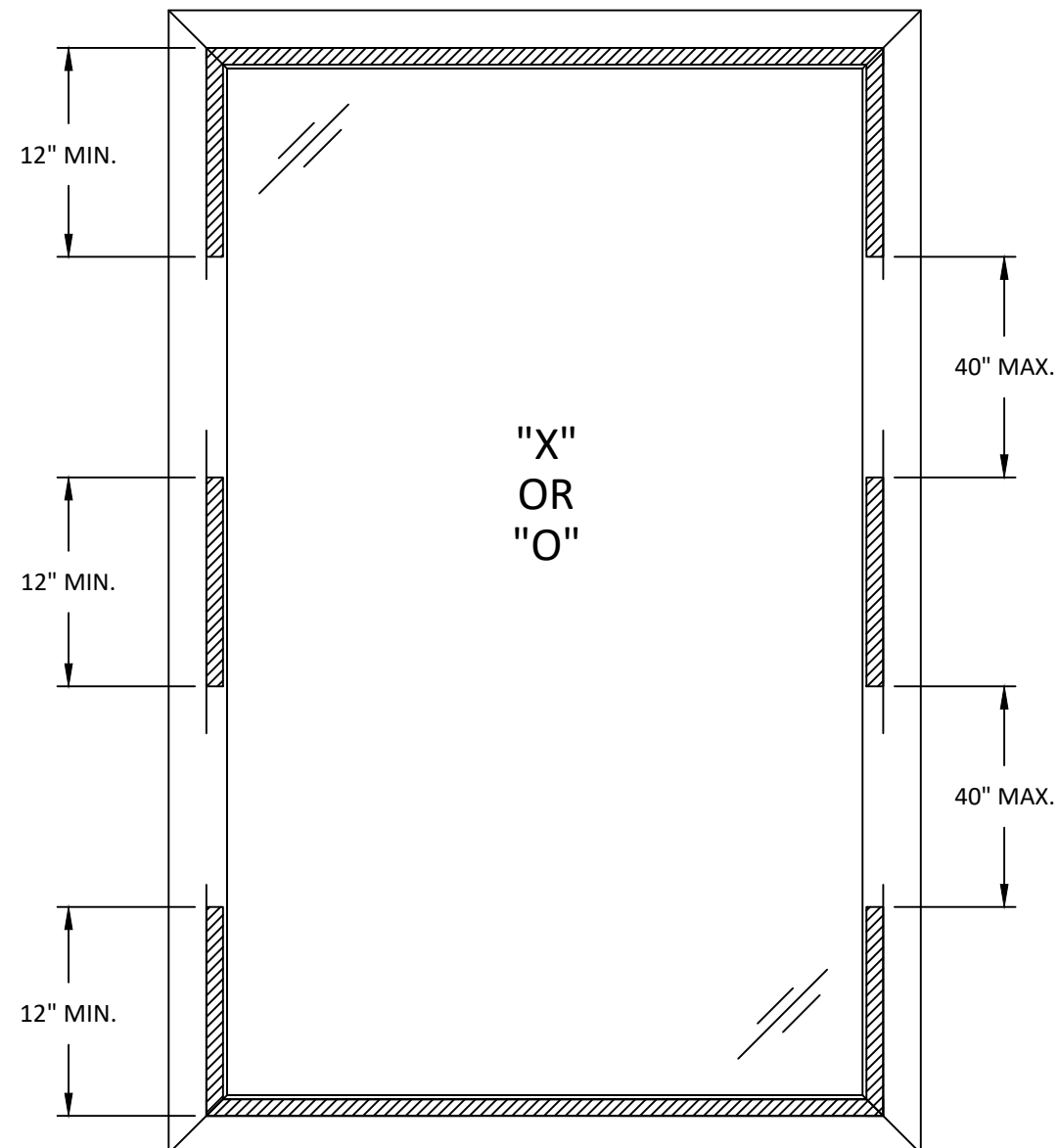
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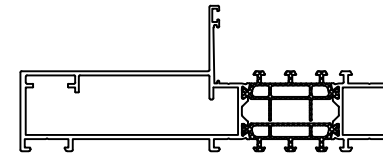
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STRUCTURAL SILICONE LOCATIONS FOR MASTERLINE 8 PRODUCTS



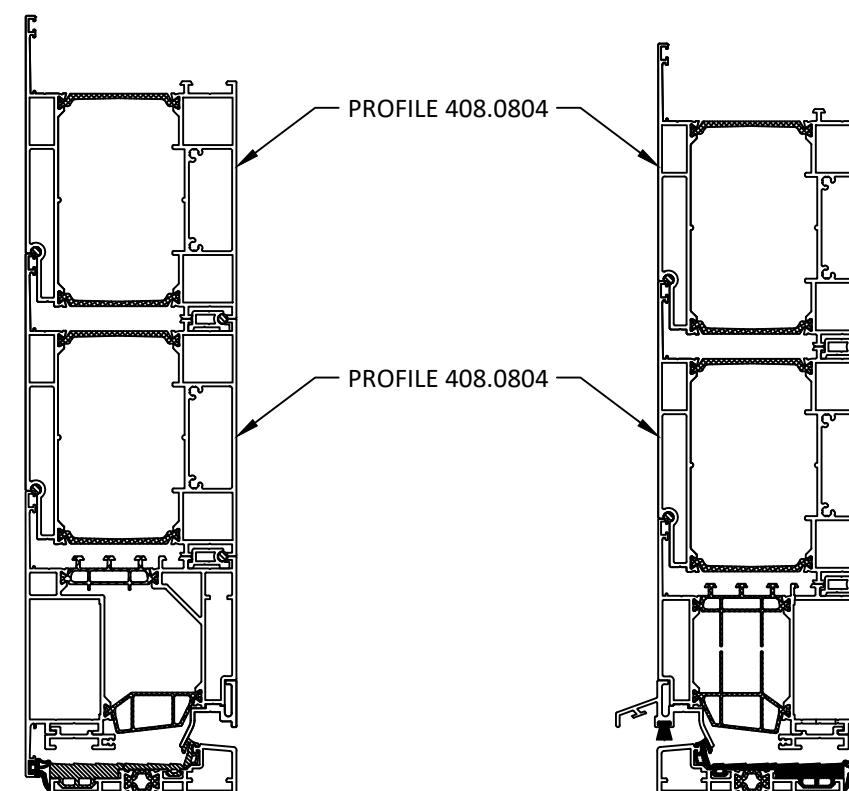
 = DOWSIL 995 STRUCTURAL SILICONE APPLICATION

ALTERNATE FRAME



408.8155.XX

ALTERNATE BOTTOM RAIL



OUTSWING

INSWING

**NOTE: PROFILE 408.0804 CAN BE
ADDED TO BOTTOM RAIL OF
TERRACE DOOR AS SHOWN ABOVE.**



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MASTERLINE 8 TERRACE
SIDE HINGED DOOR
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STRUCTURAL SILICONE LOCATIONS & ALTERNATE PROFILES

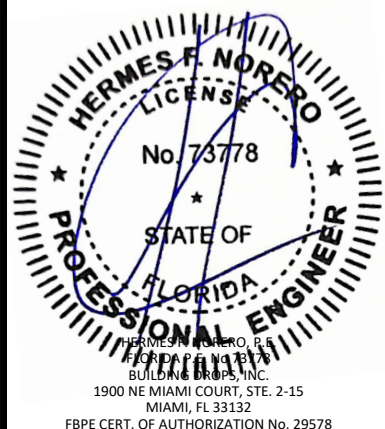
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DB

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SCALE: NTS

DWG. #: REY005

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