

REYNAERS ALUMINIUM

MASTERPATIO SLIDING GLASS DOOR

(WZ3)(IMPACT)

INSTALLATION NOTES:

1. FOR STRAP INSTALLATION, THREE (3) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN. FOR THROUGH FRAME INSTALLATION, TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. 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.
7. 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.
8. 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.

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
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 2 FOR GLAZING DETAILS.

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DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
XO (1-TRACK)	SEE TABLES ON SHEET 9			LARGE & SMALL MISSILE IMPACT
XXP (2-TRACK)				
XXO (3-TRACK)				
XXXX (4-TRACK)				



2115 REXFORD ROAD, SUITE 215
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TITLE: MASTERPATIO SLIDING GLASS DOOR (WZ3) (IMPACT) INSTALLATION & GENERAL NOTES

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MIAMI, FL 33132
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REMARKS	BY	DATE

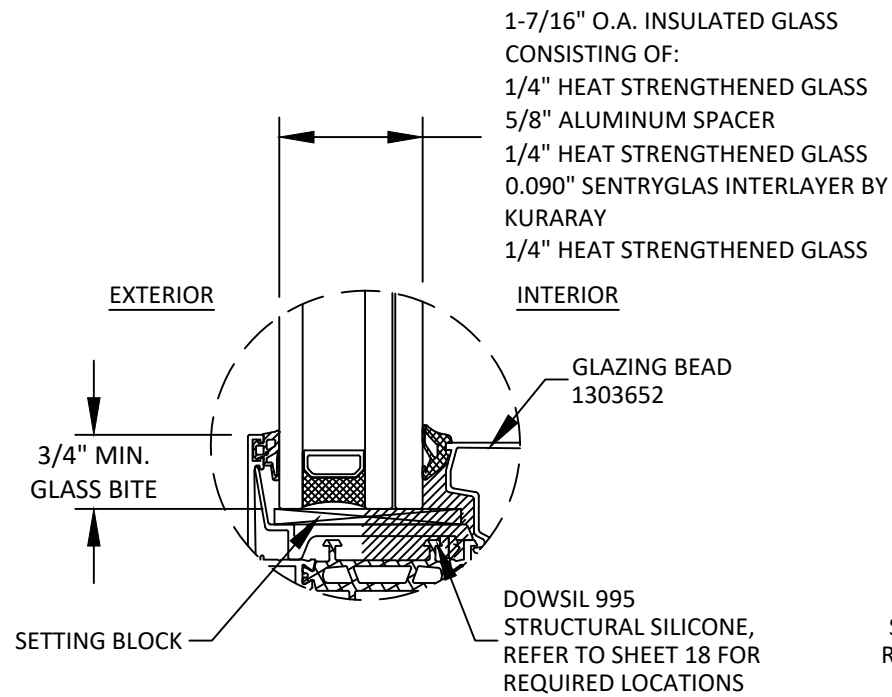
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.10.17 11:18:36 -0400

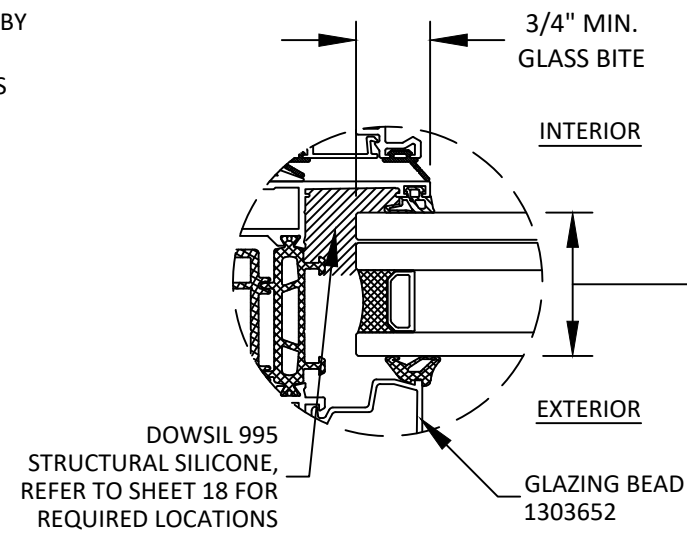
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BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL47837
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DB	HFN
SCALE:	NTS
DWG. #:	REY007
SHEET:	1 OF 22

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GLAZING DETAIL 1
OPERABLE/FIXED PANEL
INSIDE GLAZED

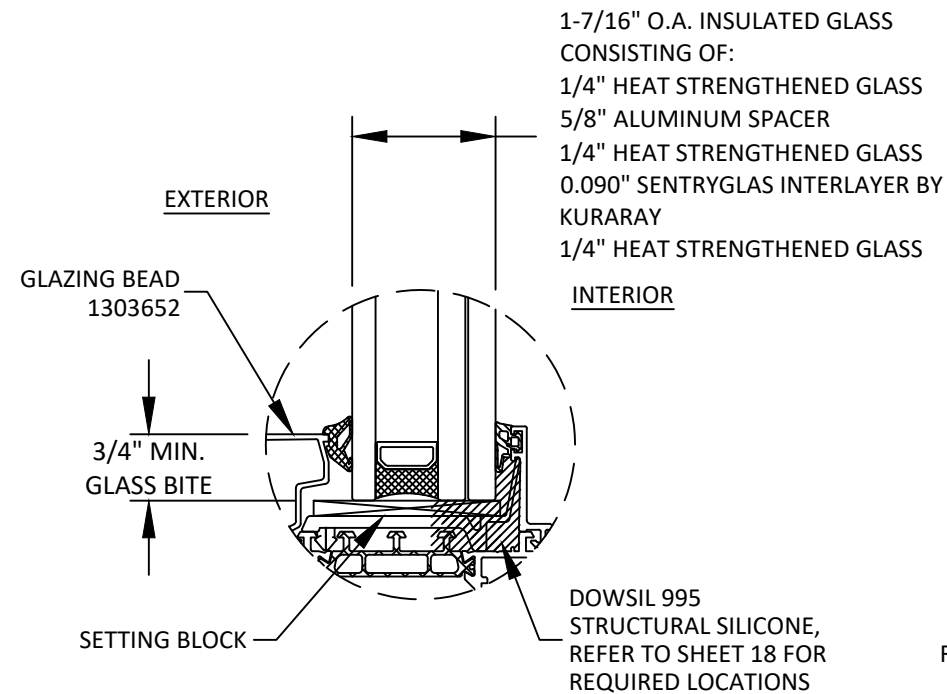


GLAZING DETAIL 2
OPERABLE/FIXED PANEL
OUTSIDE GLAZED

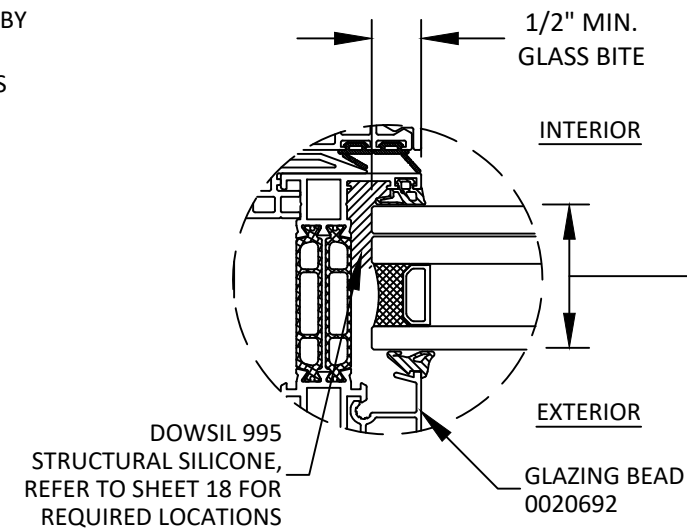
1-7/16" O.A. INSULATED GLASS
CONSISTING OF:
1/4" HEAT STRENGTHENED GLASS
5/8" ALUMINUM SPACER
1/4" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS INTERLAYER BY KURARAY
1/4" HEAT STRENGTHENED GLASS

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.



GLAZING DETAIL 3
FIXED LITE
OUTSIDE GLAZED



GLAZING DETAIL 4
OPERABLE/FIXED PANEL
OUTSIDE GLAZED

1-7/16" O.A. INSULATED GLASS
CONSISTING OF:
1/4" HEAT STRENGTHENED GLASS
5/8" ALUMINUM SPACER
1/4" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS INTERLAYER BY KURARAY
1/4" HEAT STRENGTHENED GLASS



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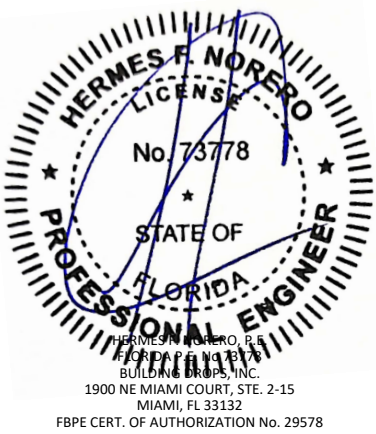
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GLAZING DETAILS

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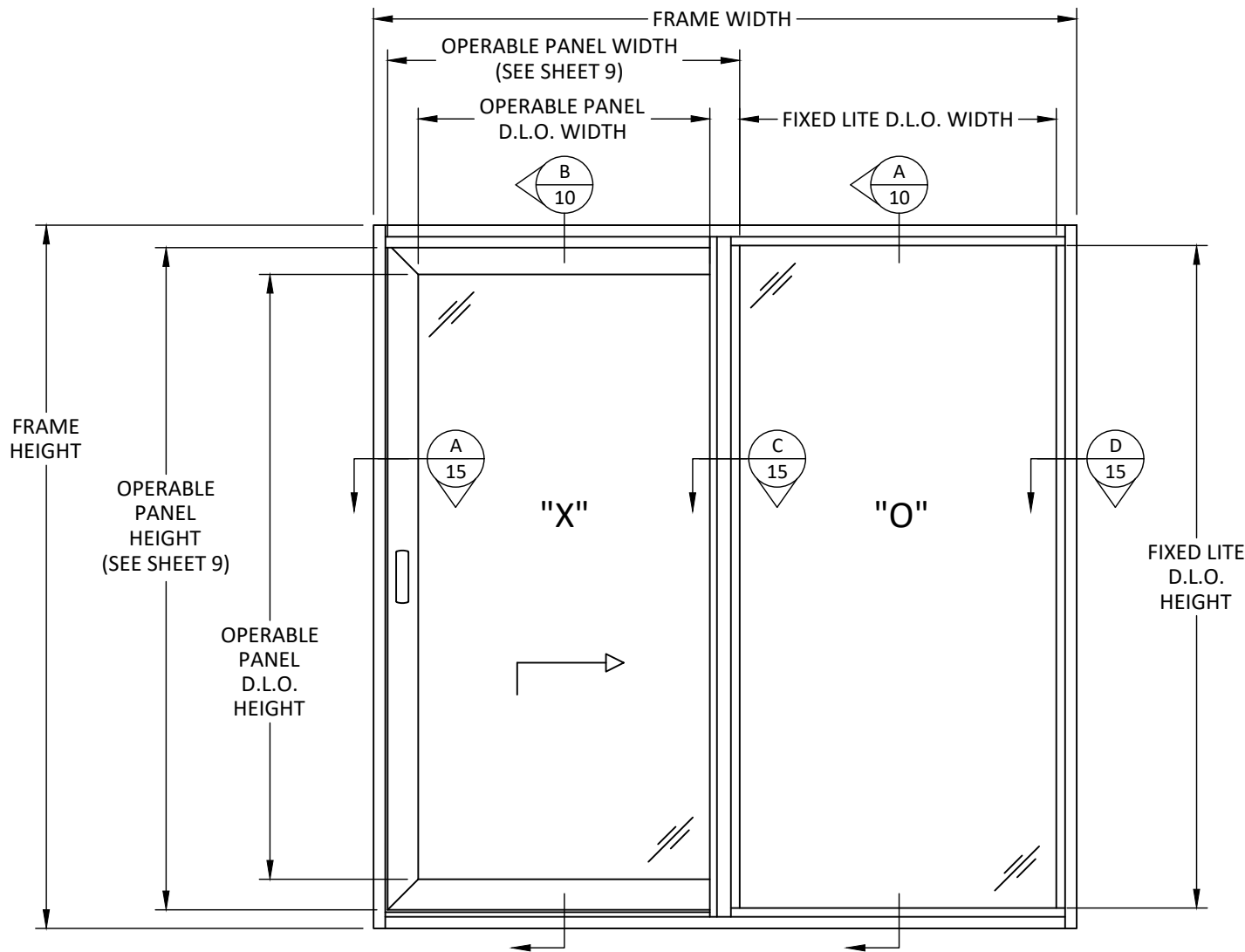
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ELEVATION
MASTERPATIO SLIDING GLASS DOOR
XO

FRAME HEIGHT = OPERABLE PANEL HEIGHT + 4.1732"
FRAME WIDTH = (OPERABLE PANEL WIDTH * 2) - 3.93"
OPERABLE PANEL D.L.O. HEIGHT = OPERABLE PANEL HEIGHT - 6.8504"
OPERABLE PANEL D.L.O. WIDTH = OPERABLE PANEL WIDTH - 6.8504"
FIXED LITE D.L.O. HEIGHT = FRAME HEIGHT - 4.7244"
FIXED LITE D.L.O. WIDTH = FRAME WIDTH - OPERABLE PANEL WIDTH - 3.9370"



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MASTERPATIO SLIDING
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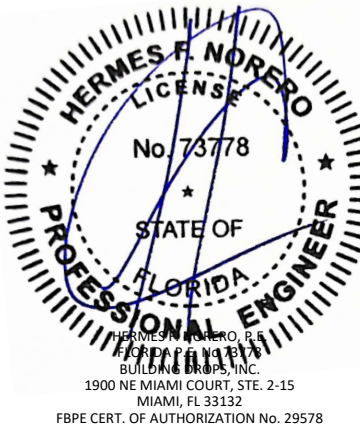
XO ELEVATION

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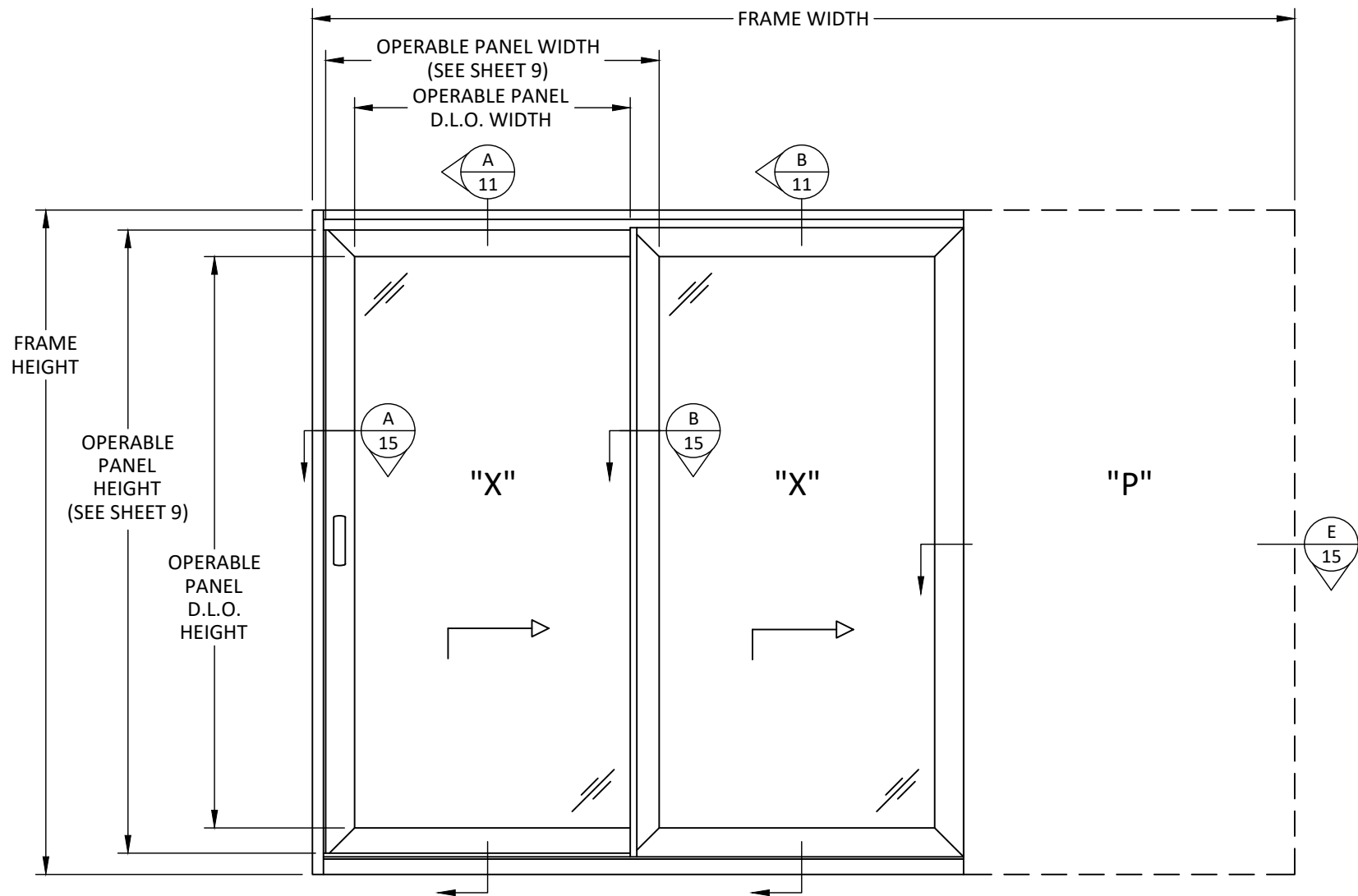
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ELEVATION
MASTERPATIO SLIDING GLASS DOOR
XXP

FRAME HEIGHT = OPERABLE PANEL HEIGHT + 4.1732"
FRAME WIDTH = (OPERABLE PANEL WIDTH * 3) - 1.57"
OPERABLE PANEL D.L.O. HEIGHT = OPERABLE PANEL HEIGHT - 6.8504"
OPERABLE PANEL D.L.O. WIDTH = OPERABLE PANEL WIDTH - 6.8504"



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XXP ELEVATION

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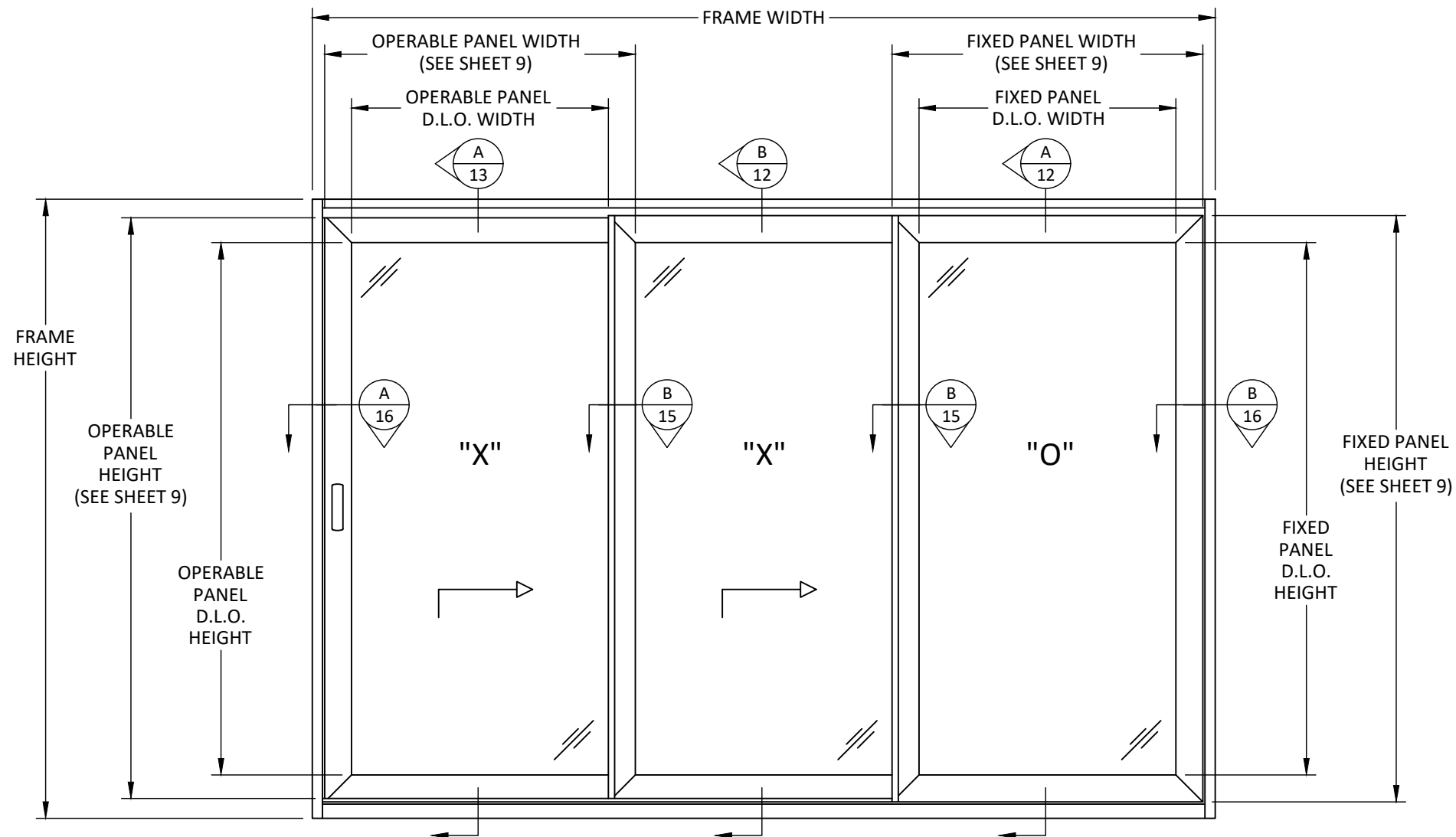
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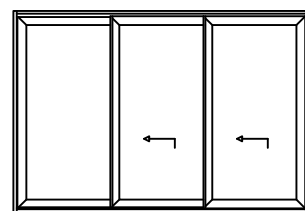
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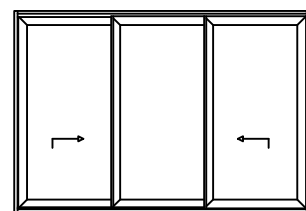
ELEVATION
MASTERPATIO SLIDING GLASS DOOR
XXO

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OPERABLE PANEL D.L.O. HEIGHT = OPERABLE PANEL HEIGHT - 6.8504"
OPERABLE PANEL D.L.O. WIDTH = OPERABLE PANEL WIDTH - 6.8504"
FIXED PANEL D.L.O. HEIGHT = OPERABLE PANEL HEIGHT - 6.8504"
FIXED PANEL D.L.O. WIDTH = OPERABLE PANEL WIDTH - 6.8504"

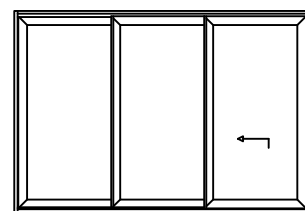
ALTERNATE QUALIFIED CONFIGURATIONS



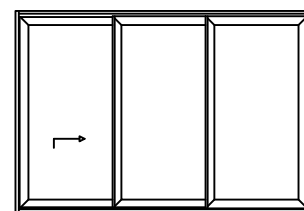
OXX



XOX



OOX



XOO



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MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)

XXO ELEVATION

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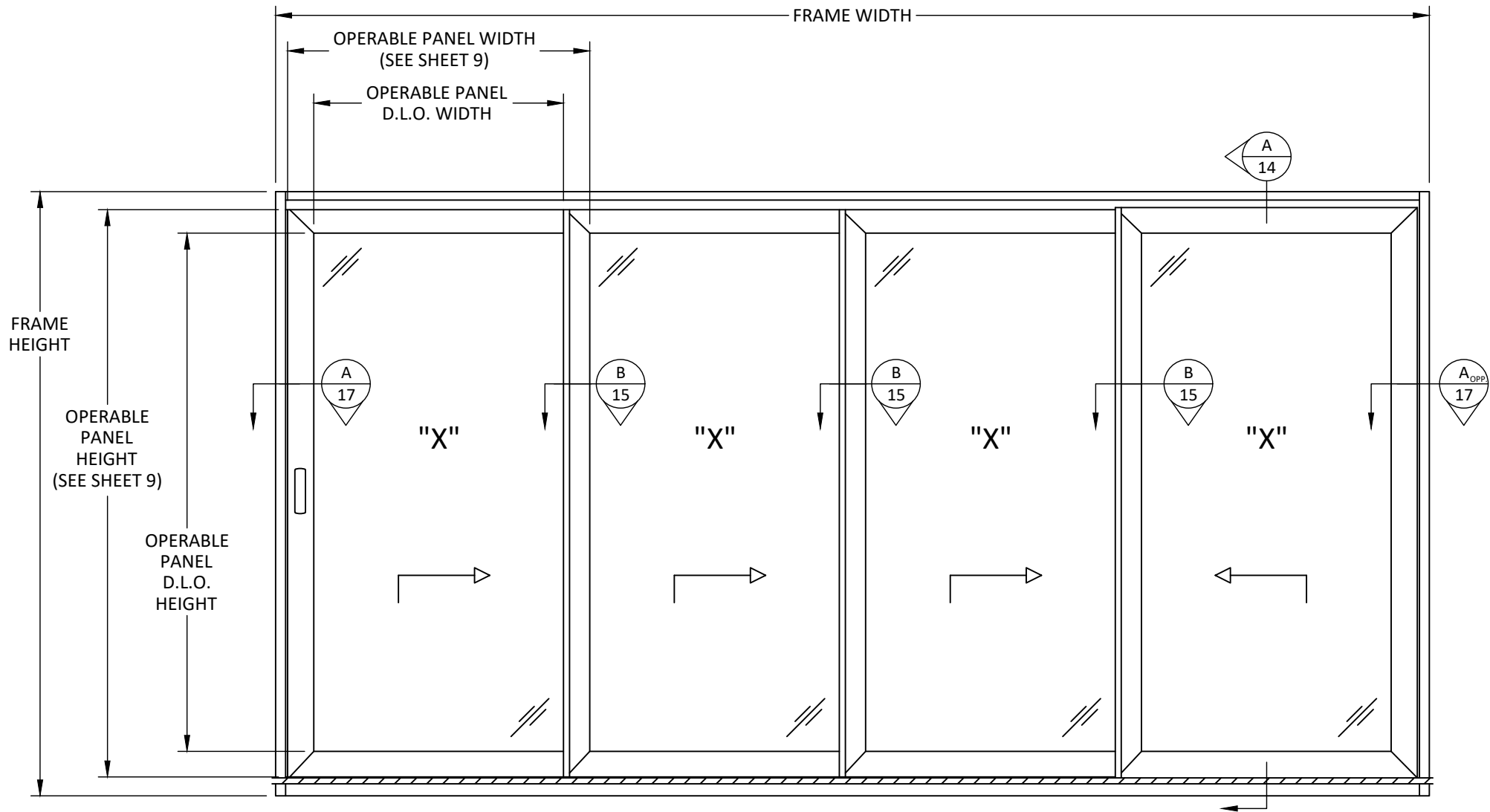
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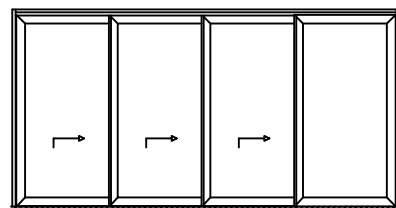
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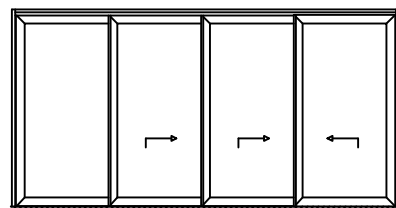
ELEVATION
MASTERPATIO SLIDING GLASS DOOR
XXXX

FRAME HEIGHT = OPERABLE PANEL HEIGHT + 4.1732"
FRAME WIDTH = (OPERABLE PANEL WIDTH * 4) - 7.15"
OPERABLE PANEL D.L.O. HEIGHT = OPERABLE PANEL HEIGHT - 6.8504"
OPERABLE PANEL D.L.O. WIDTH = OPERABLE PANEL WIDTH - 6.8504"

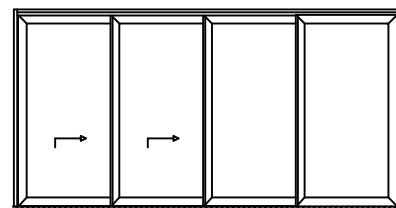
ALTERNATE QUALIFIED CONFIGURATIONS



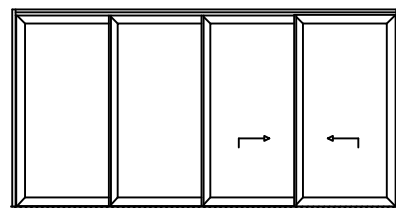
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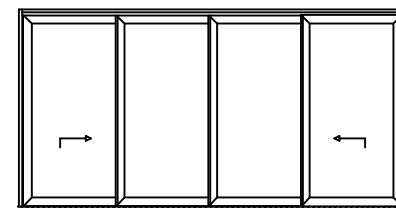
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XXOO



OOXO



XOOO



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TITLE: MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)
XXXX ELEVATION

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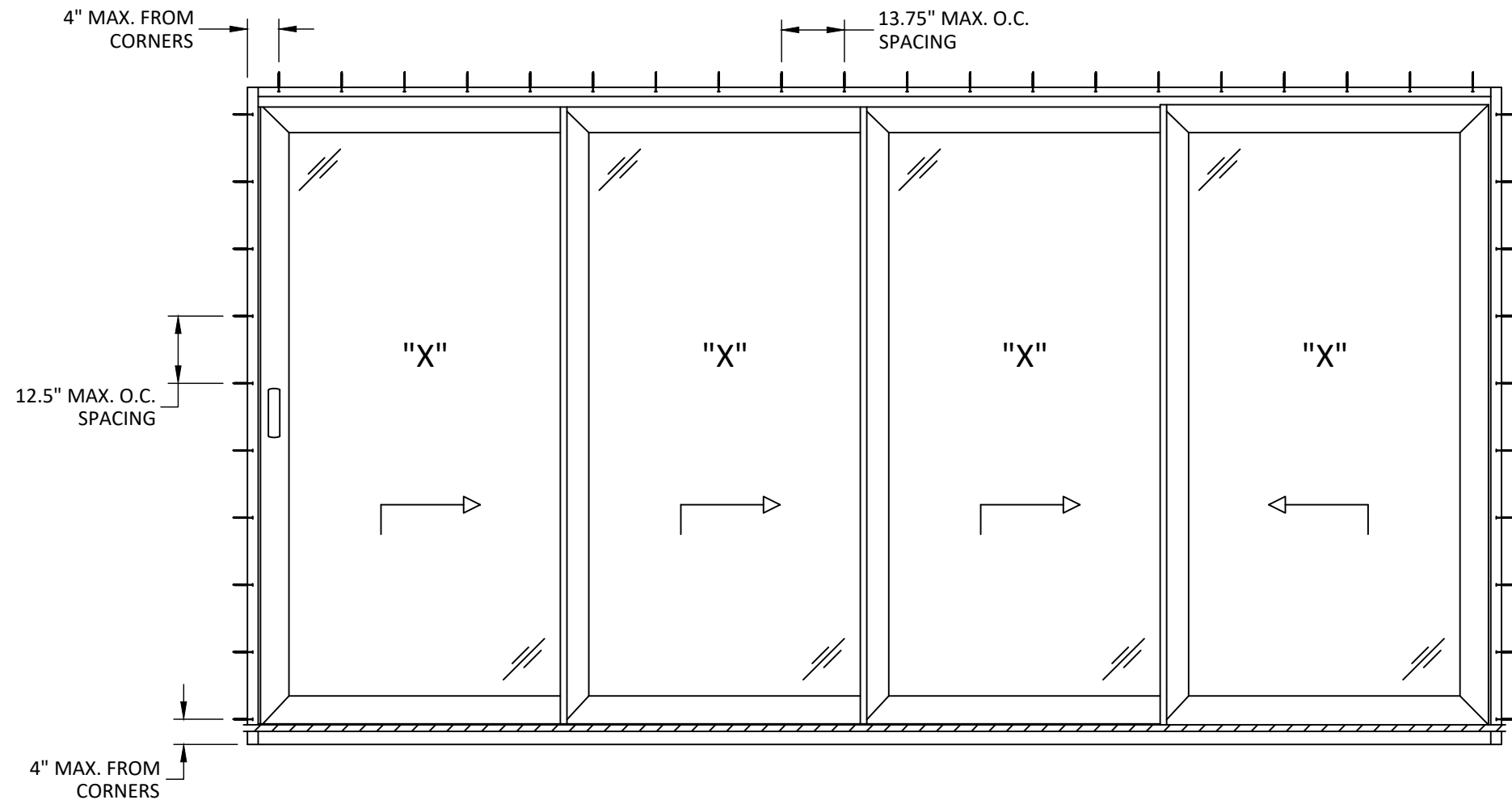
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ANCHOR LAYOUT
MASTERPATIO SLIDING GLASS DOOR (XXXX)
THROUGH FRAME

- NOTES:**
- 1. INSTALLATION OF OTHER CONFIGURATIONS SHALL NOT EXCEED ON CENTER SPACING SHOWN.
 - 2. NO ANCHORS REQUIRED AT SILL. SILL SET ON BED OF STRUCTURAL SEALANT.



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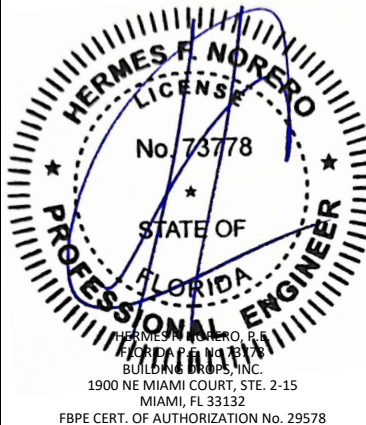
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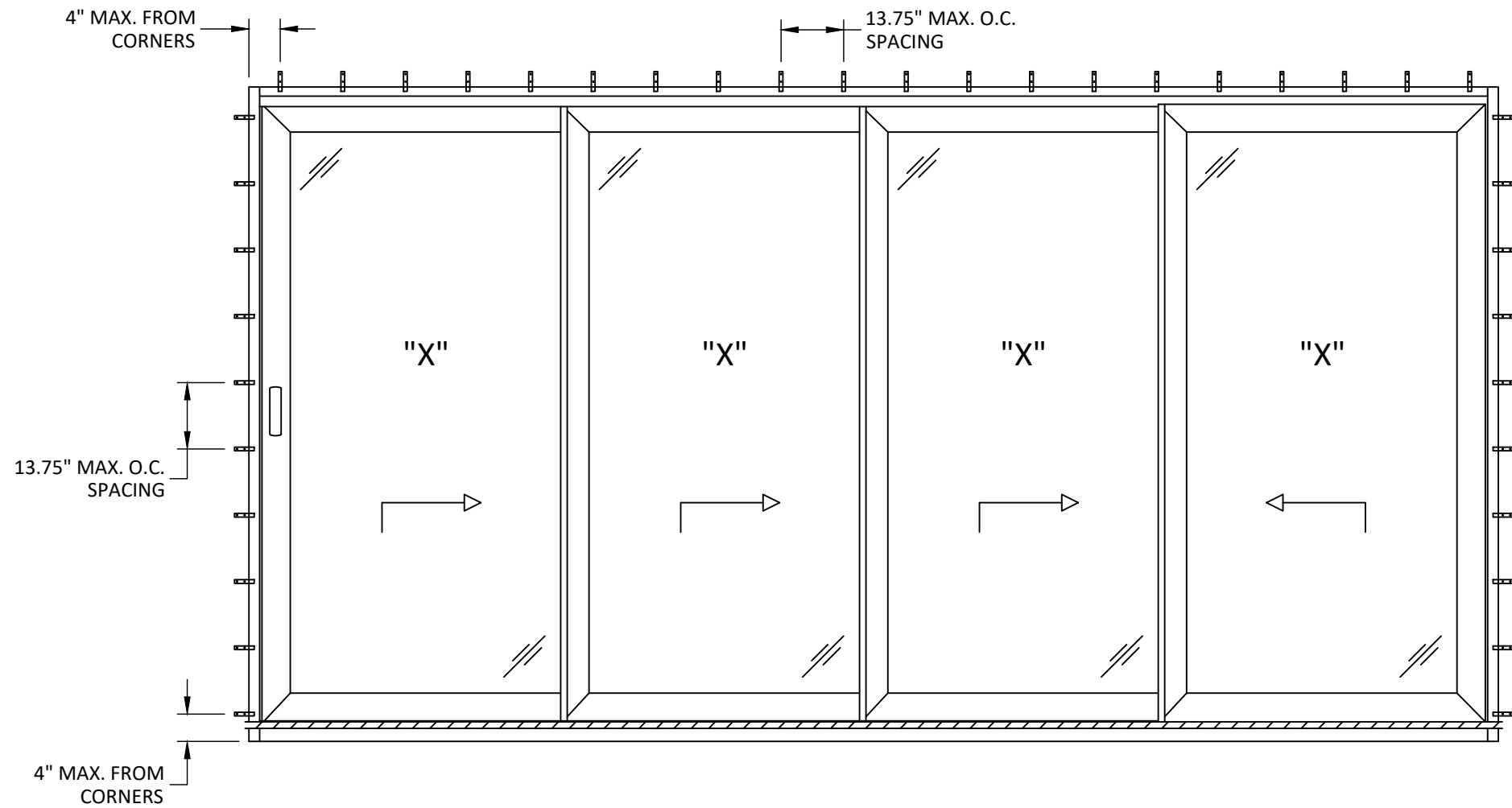
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SCALE: **NTS**

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ANCHOR LAYOUT
MASTERPATIO SLIDING GLASS DOOR (XXXX)
STRAP

- NOTES:**
- 1. INSTALLATION OF OTHER CONFIGURATIONS SHALL NOT EXCEED ON CENTER SPACING SHOWN.
 - 2. NO ANCHORS REQUIRED AT SILL. SILL SET ON BED OF STRUCTURAL SEALANT.



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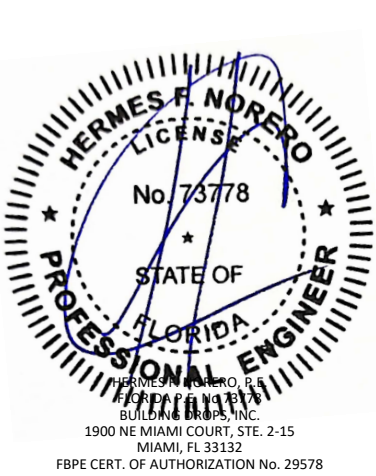
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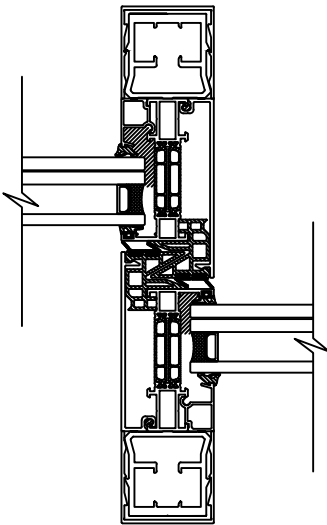
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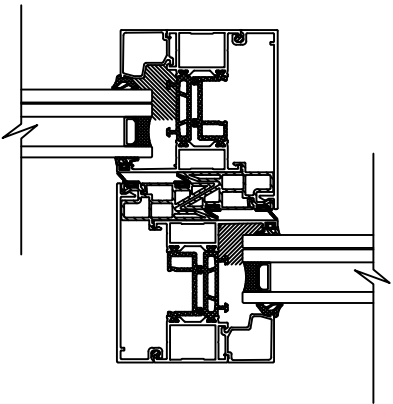
DESIGN PRESSURE TABLE (PSF)					
NOMINAL DIMS.		INTERLOCK OPTION 1 (+/- PSF)	INTERLOCK OPTION 2		
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)		NO REINF. (+/- PSF)	REINF. 1 (+/- PSF)	REINF. 2 (+/- PSF)
36	96	60.0	30.0	35.0	35.0
42		60.0	30.0	35.0	35.0
48		60.0	30.0	35.0	35.0
54		56.0	30.0	35.0	35.0
60		-	-	35.0	35.0
66		-	-	35.0	35.0
72		-	-	35.0	35.0
78		-	-	35.0	35.0
84		-	-	35.0	35.0
36	102	60.0	30.0	35.0	35.0
42		59.5	30.0	35.0	35.0
48		52.1	28.6	35.0	35.0
54		-	25.4	35.0	35.0
60		-	-	35.0	35.0
66		-	-	35.0	35.0
72		-	-	35.0	35.0
78		-	-	35.0	35.0
36	108	58.1	30.0	35.0	35.0
42		49.8	27.4	35.0	35.0
48		43.6	23.9	35.0	35.0
54		-	-	35.0	35.0
60		-	-	35.0	35.0
66		-	-	35.0	35.0
72		-	-	35.0	35.0
78		-	-	35.0	35.0
36	114	49.1	27.0	35.0	35.0
42		42.1	23.1	35.0	35.0
48		-	20.2	35.0	35.0
54		-	-	35.0	35.0
60		-	-	35.0	35.0
66		-	-	35.0	35.0
72		-	-	35.0	35.0
78		-	-	35.0	35.0
36	120	41.8	23.0	35.0	35.0
42		35.9	19.7	35.0	35.0
48		-	-	35.0	35.0
54		-	-	35.0	35.0
60		-	-	35.0	35.0
66		-	-	32.7	32.7

DESIGN PRESSURE TABLE (PSF)					
NOMINAL DIMS.		INTERLOCK OPTION 1 (+/- PSF)	INTERLOCK OPTION 2		
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)		NO REINF. (+/- PSF)	REINF. 1 (+/- PSF)	REINF. 2 (+/- PSF)
36	126	35.9	19.8	35.0	35.0
42		30.8	16.9	35.0	35.0
48		-	-	35.0	35.0
54		-	-	34.4	34.4
60		-	-	30.9	30.9
66		-	-	-	-
36	132	31.1	17.1	35.0	35.0
42		-	-	35.0	35.0
48		-	-	33.5	33.5
54		-	-	29.8	30.0
60	138	27.1	-	35.0	35.0
42		-	-	33.3	33.3
48		-	-	29.2	30.0
54		-	-	25.9	30.0
60		-	-	-	-
36	144	23.8	-	34.1	34.1
42		-	-	29.2	30.0
48		-	-	25.6	30.0
54	150	-	-	22.7	29.4
36		21.0	-	30.1	30.1
42		-	-	25.8	30.0
48		-	-	22.5	29.1
54		-	-	-	-
36	156	-	-	26.6	30.0
42		-	-	22.8	29.5
48		-	-	20.0	25.8
36	162	-	-	23.7	30.0
42		-	-	20.3	26.3
48		-	-	17.8	23.0

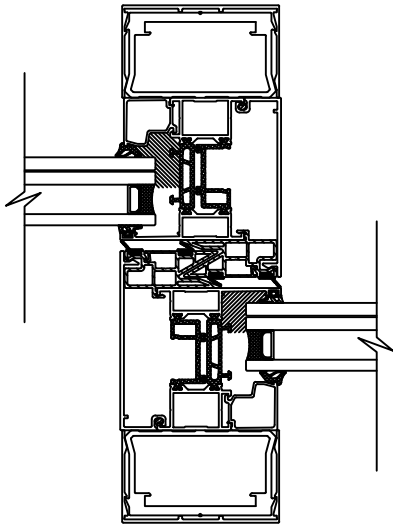
NOTE: ZERO THRESHOLD QUALIFIED UP TO A POSITIVE
DESIGN PRESSURE OF +20 PSF.



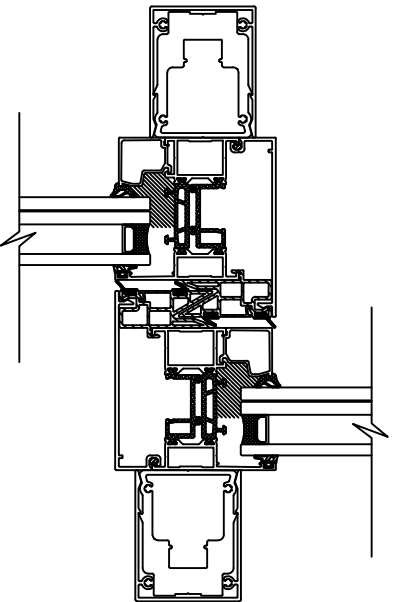
INTERLOCK OPTION 1



INTERLOCK OPTION 2
NO REINFORCEMENT



INTERLOCK OPTION 2
REINFORCEMENT 1



INTERLOCK OPTION 2
REINFORCEMENT 2



2115 REXFORD ROAD, SUITE 215
CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)

DESIGN PRESSURE TABLES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954) 399-8478

FAX: (954) 744-4738

WEB: www.buildingdrops.com

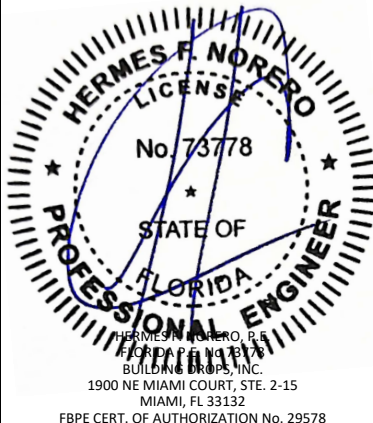


REMARKS

BY

DATE

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 #:

FL47837

DATE: 08.25.25

DWG. BY:
DB

CHK. BY:
HFN

SCALE: NTS

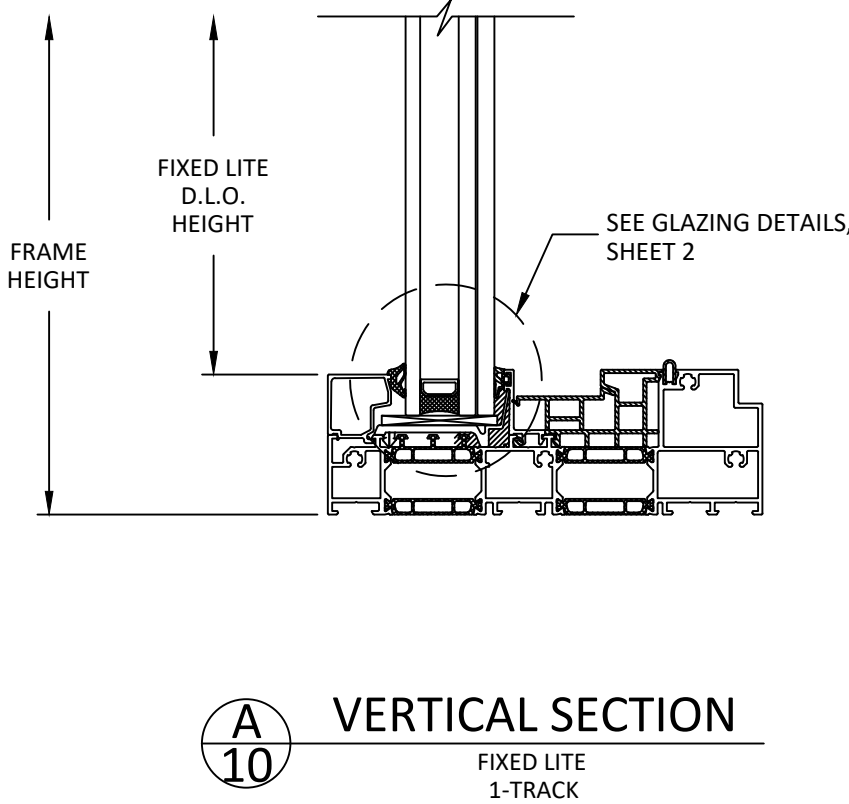
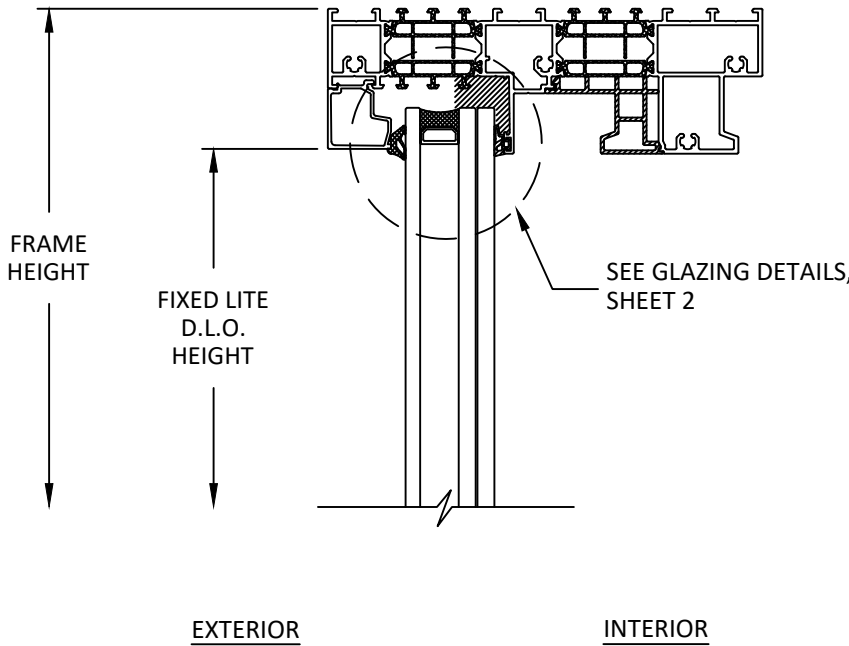
DWG. #: REY007

SHEET:

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OF 22

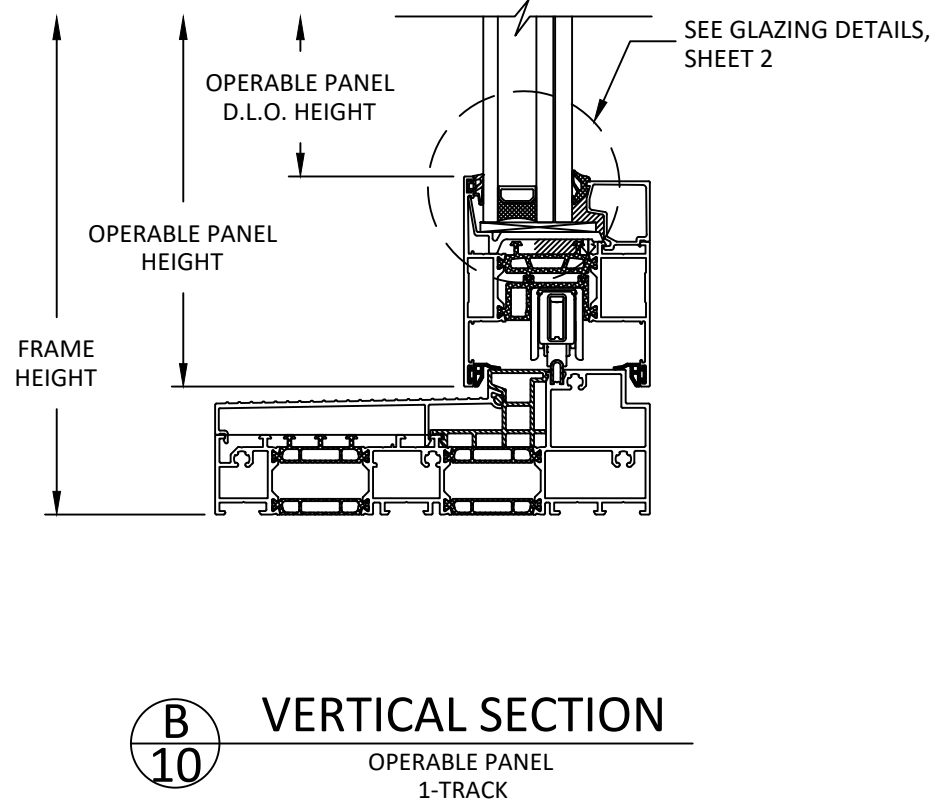
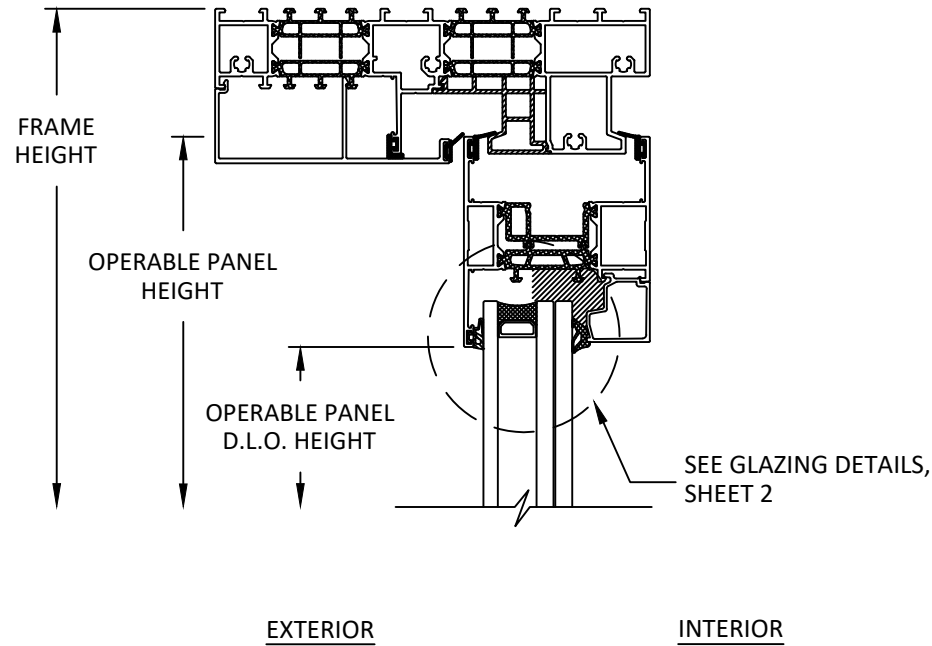
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A
10

VERTICAL SECTION

FIXED LITE
1-TRACK



B
10

VERTICAL SECTION

OPERABLE PANEL
1-TRACK



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CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

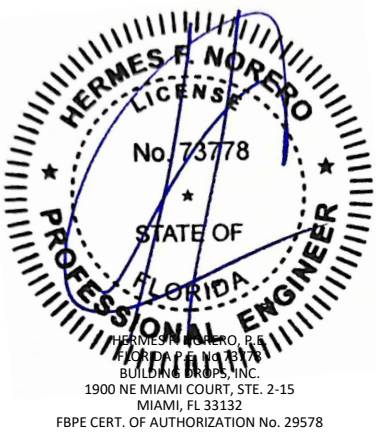
TITLE: MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)
VERTICAL SECTIONS

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



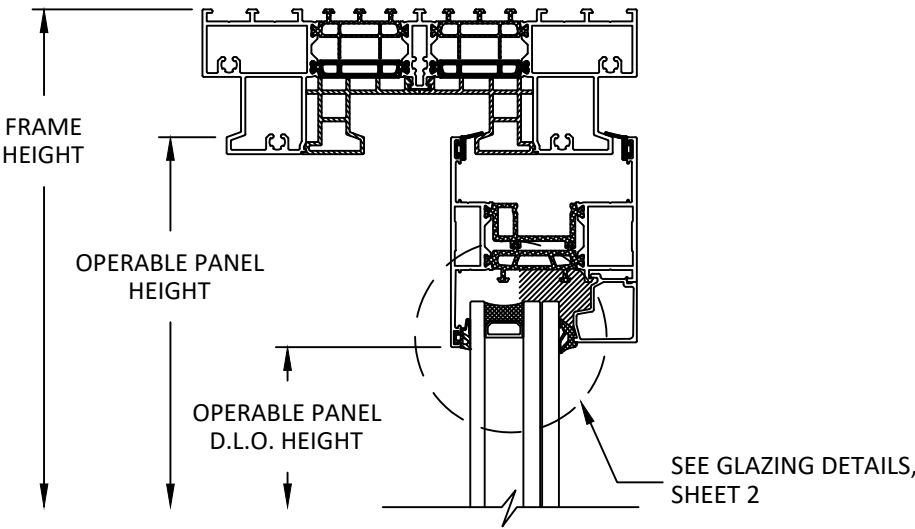
REMARKS	BY	DATE

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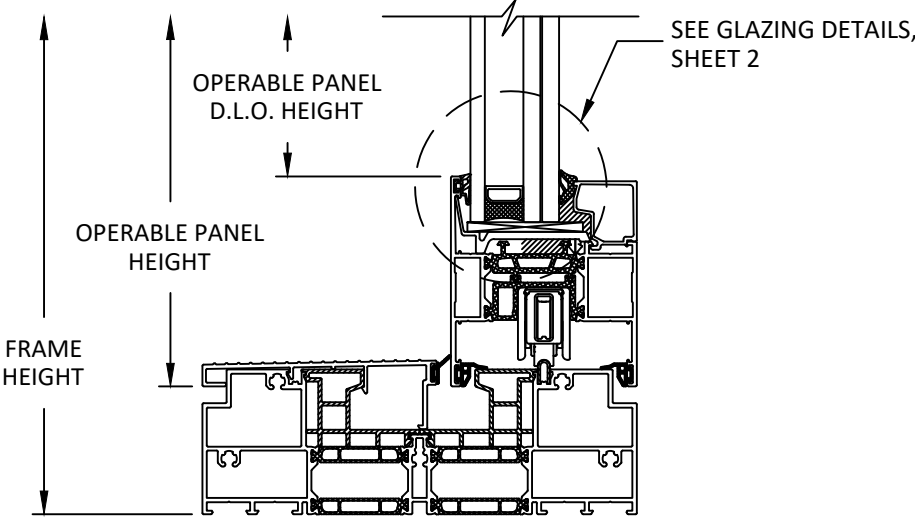


FL #:	FL47837
DATE:	08.25.25
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	REY007
SHEET:	10

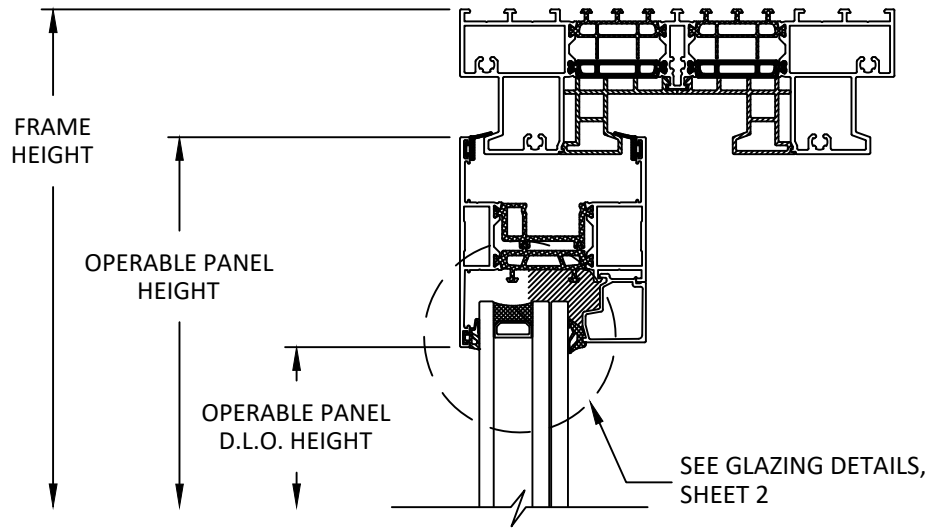
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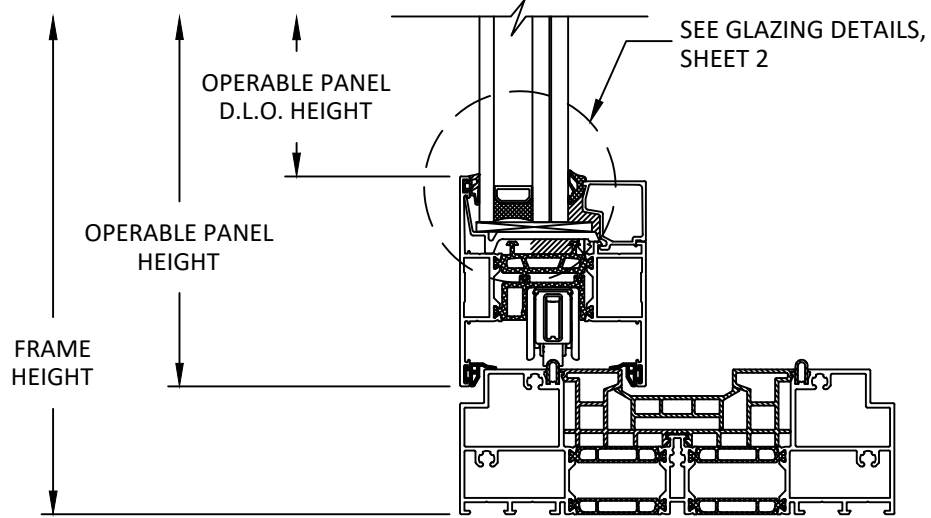
EXTERIOR INTERIOR



A
11 VERTICAL SECTION
OPERABLE PANEL (STANDARD THRESHOLD)
2-TRACK



EXTERIOR INTERIOR



B
11 VERTICAL SECTION
OPERABLE PANEL (STANDARD THRESHOLD)
2-TRACK



2115 REXFORD ROAD, SUITE 215
CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

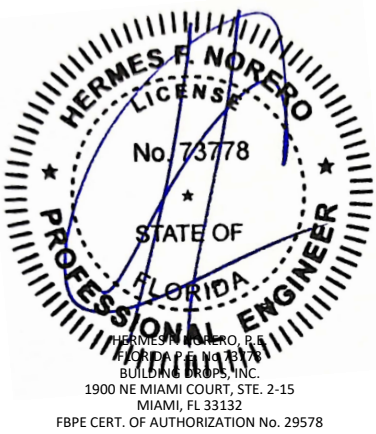
TITLE: MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)
VERTICAL SECTIONS

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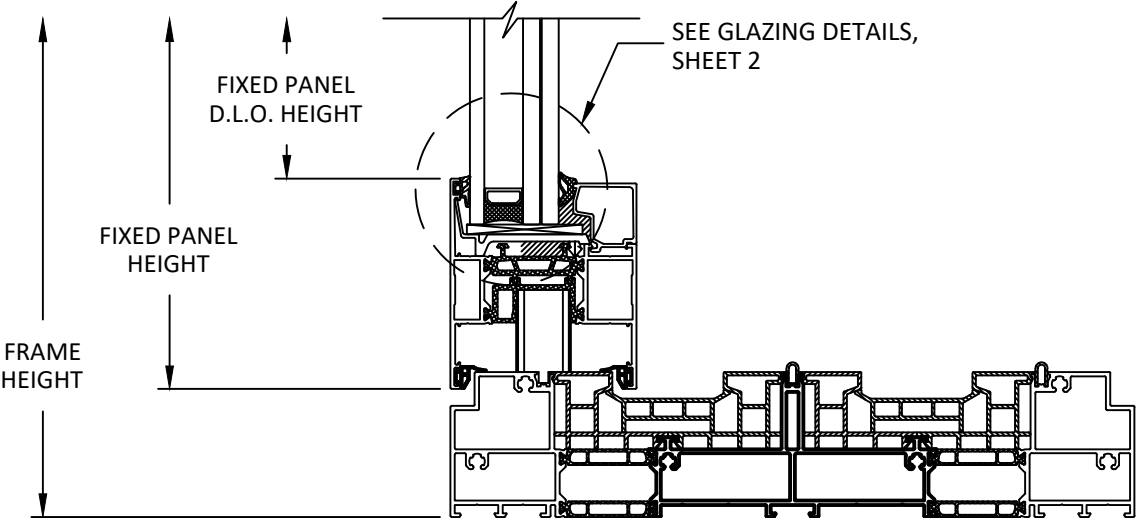
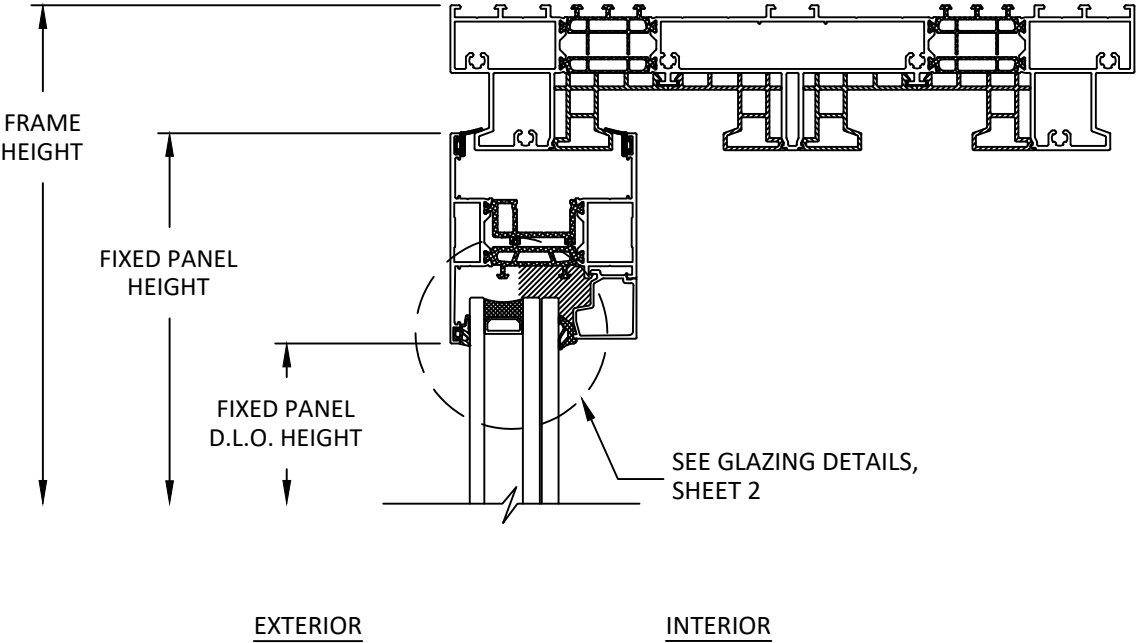
REMARKS	BY	DATE

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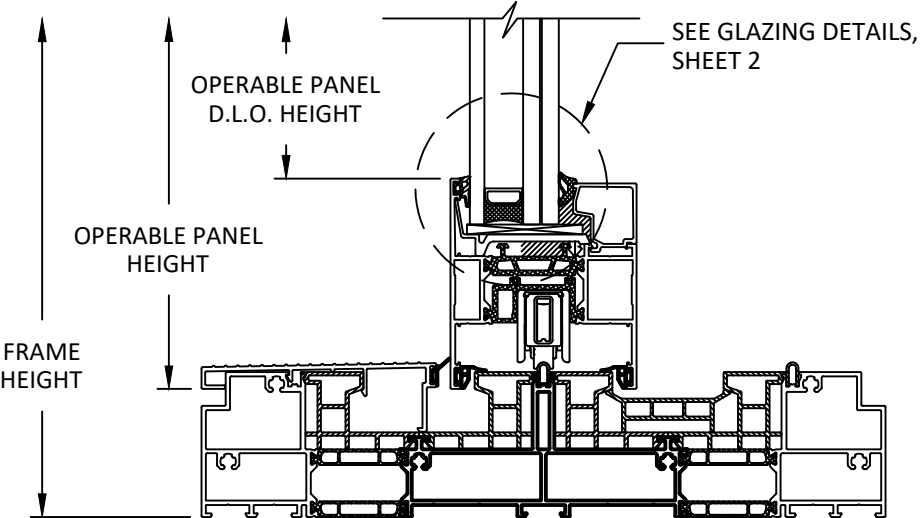
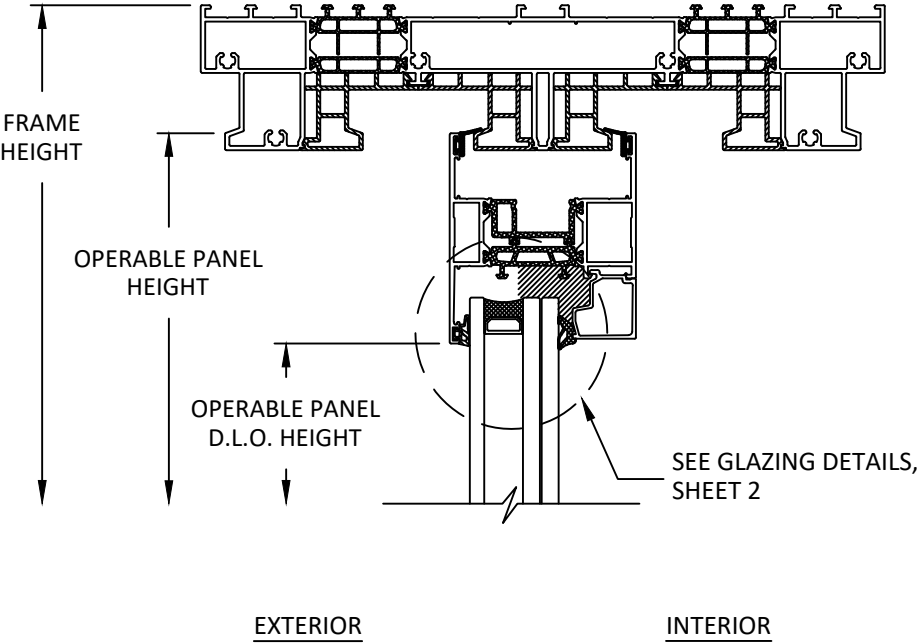


FL #:	FL47837
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SCALE:	NTS
DWG. #:	REY007
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A
12 VERTICAL SECTION
FIXED PANEL (STANDARD THRESHOLD)
3-TRACK



B
12 VERTICAL SECTION
OPERABLE PANEL (STANDARD THRESHOLD)
3-TRACK



2115 REXFORD ROAD, SUITE 215
CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

TITLE: MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)

VERTICAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.

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MIAMI, FL 33132
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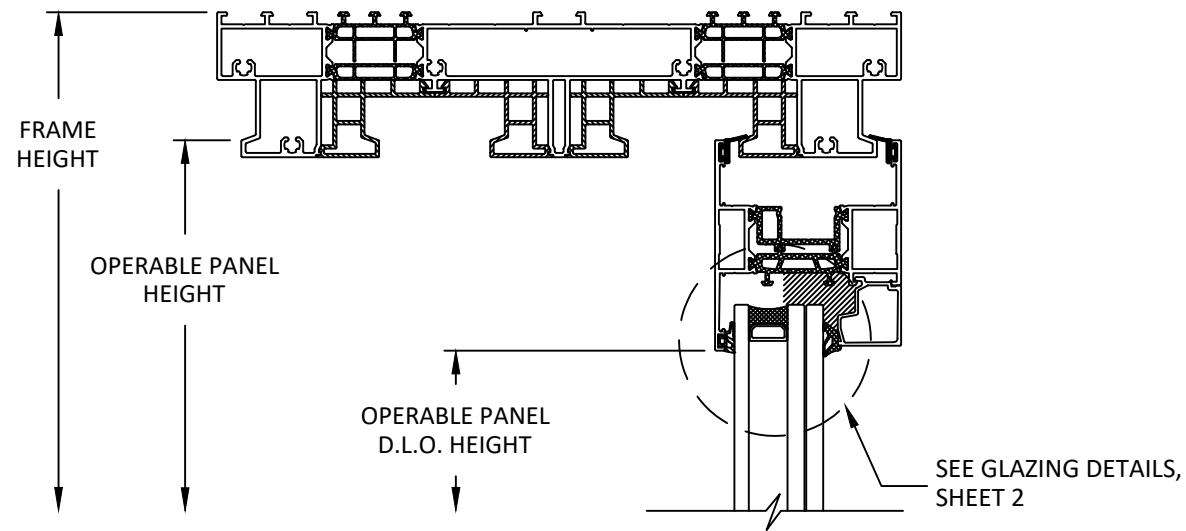
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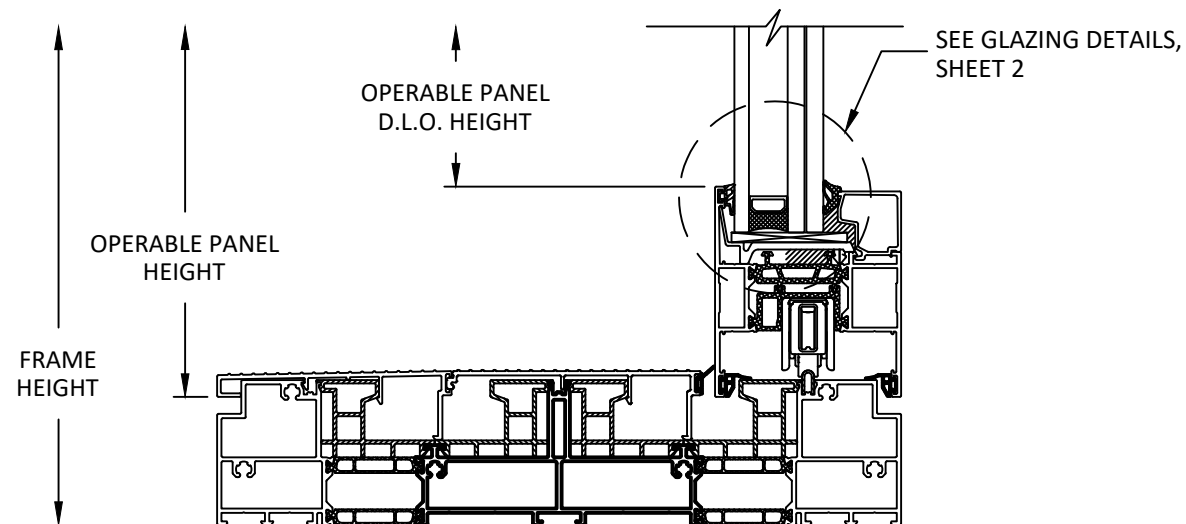
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DWG. #:	REY007
SHEET:	12

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EXTERIOR

INTERIOR



A
13 VERTICAL SECTION
OPERABLE PANEL (STANDARD THRESHOLD)
3-TRACK



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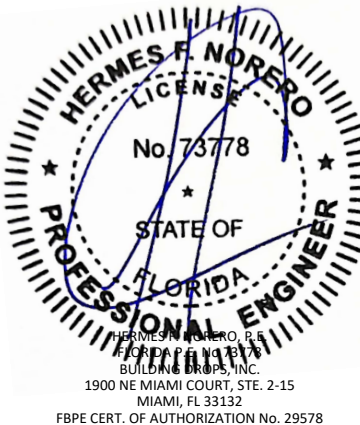
TITLE: MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)
VERTICAL SECTION

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
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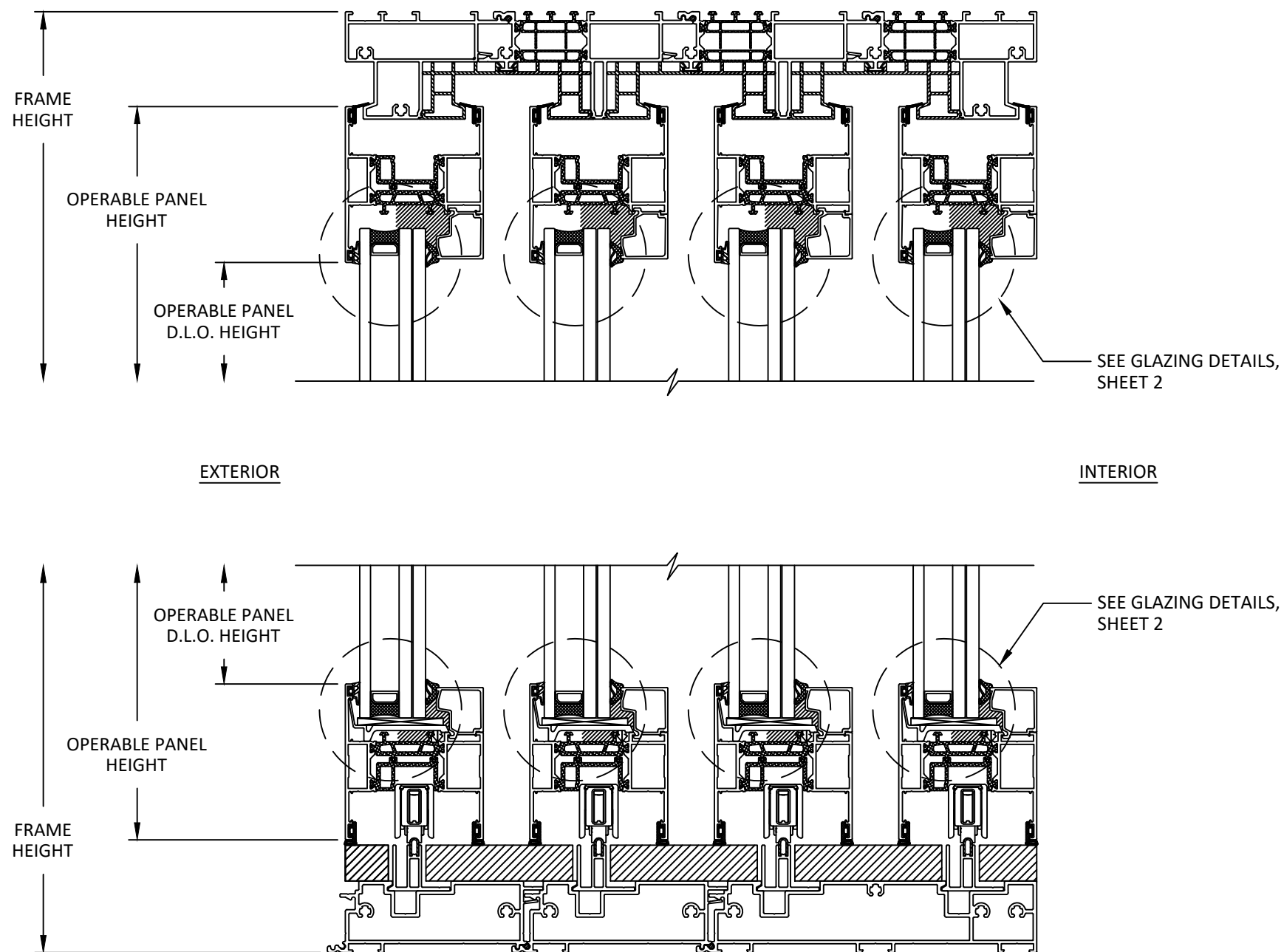
REMARKS	BY	DATE

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SCALE:	NTS
DWG. #:	REY007
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A
14 **VERTICAL SECTION**
OPERABLE PANELS (ZERO THRESHOLD)
4-TRACK



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TITLE: MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)
VERTICAL SECTION

PREPARED BY:
BUILDING DROPS, INC.
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PH: (954) 399-8478
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REMARKS	BY	DATE

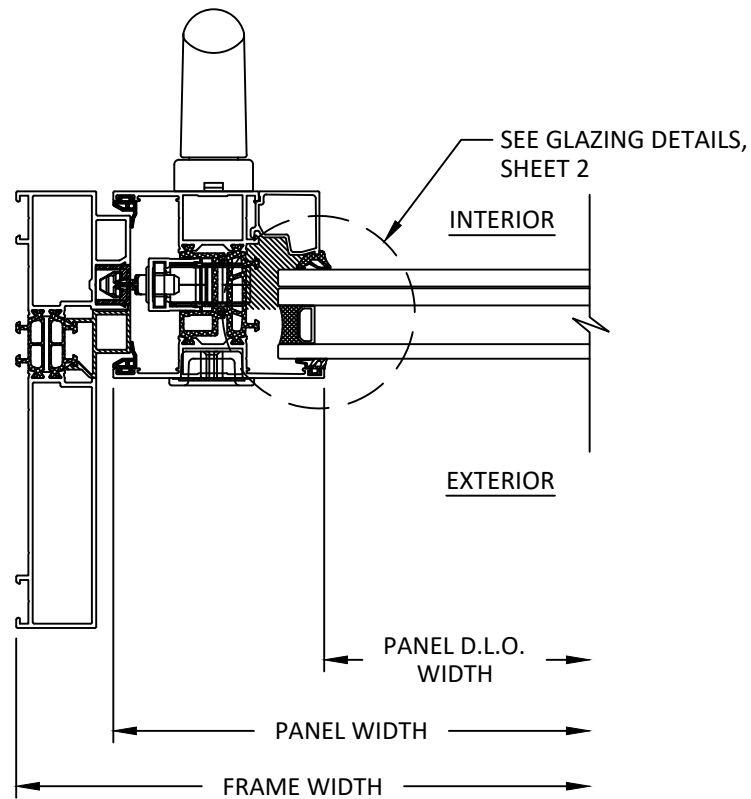
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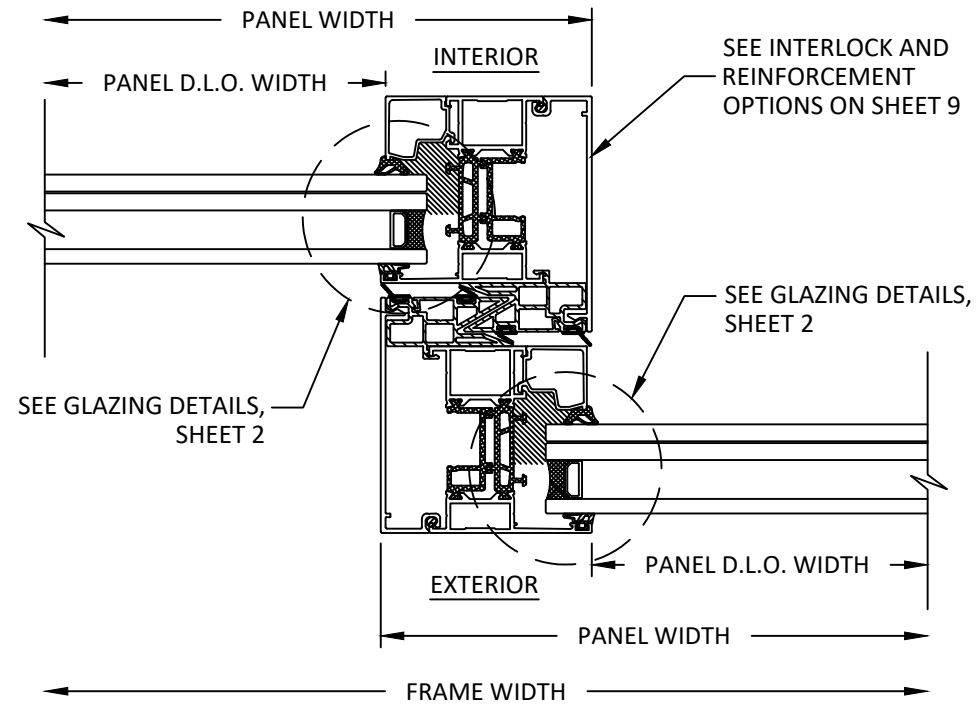
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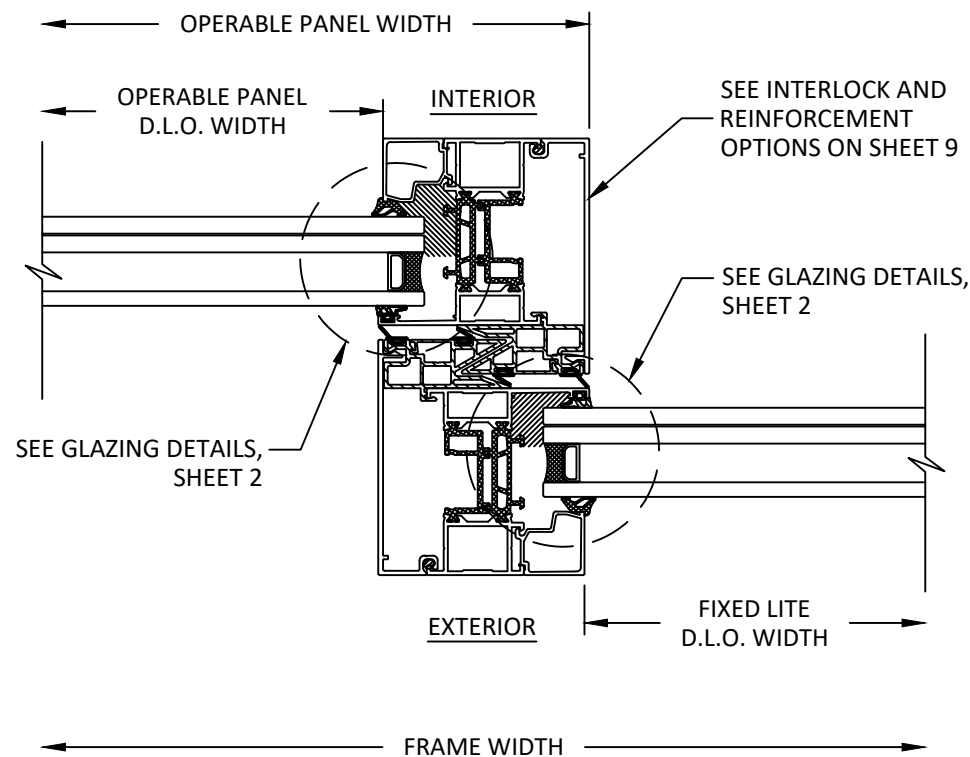
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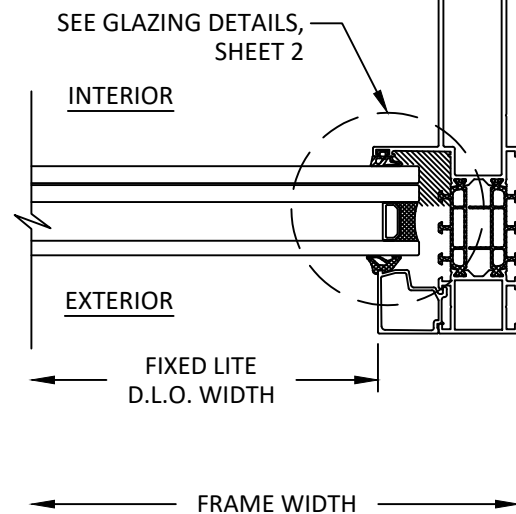
A HORIZONTAL SECTION
15 LOCK JAMB
1-TRACK & 2-TRACK



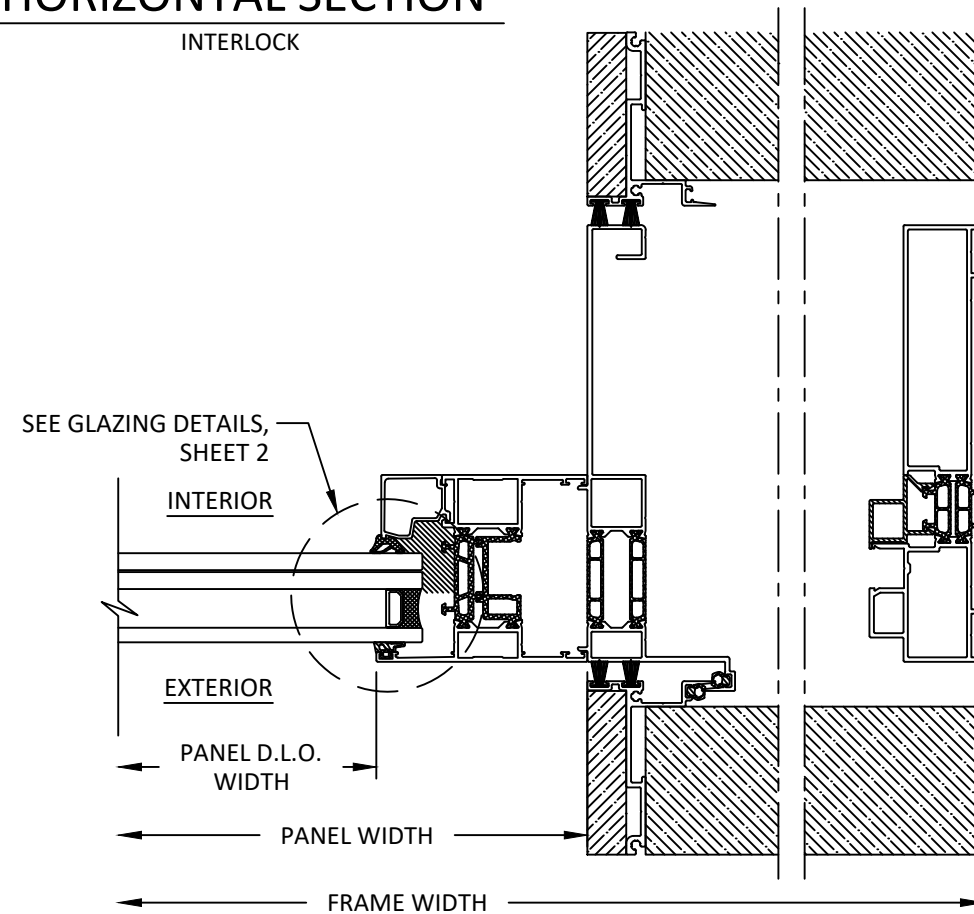
B HORIZONTAL SECTION
15 INTERLOCK



C HORIZONTAL SECTION
15 INTERLOCK WITH FIXED LITE



D HORIZONTAL SECTION
15 FIXED LITE JAMB
1-TRACK



E HORIZONTAL SECTION
15 POCKET
2-TRACK



2115 REXFORD ROAD, SUITE 215
CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

TITLE: MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)

HORIZONTAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
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FAX: (954) 744-4738
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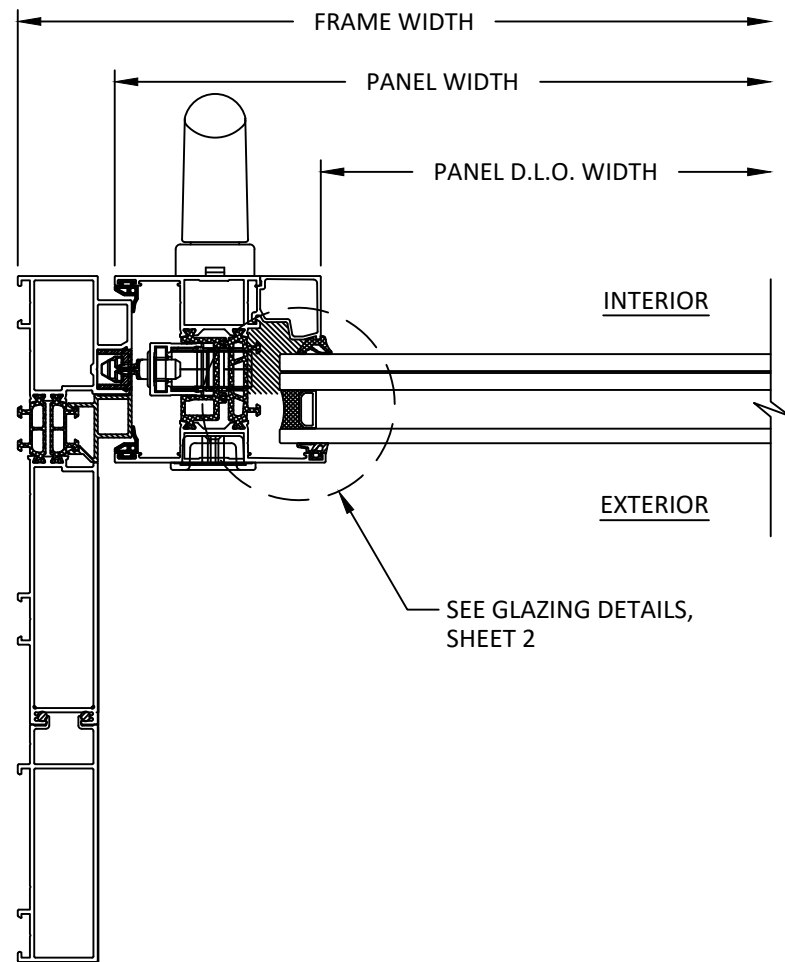
REMARKS	BY	DATE

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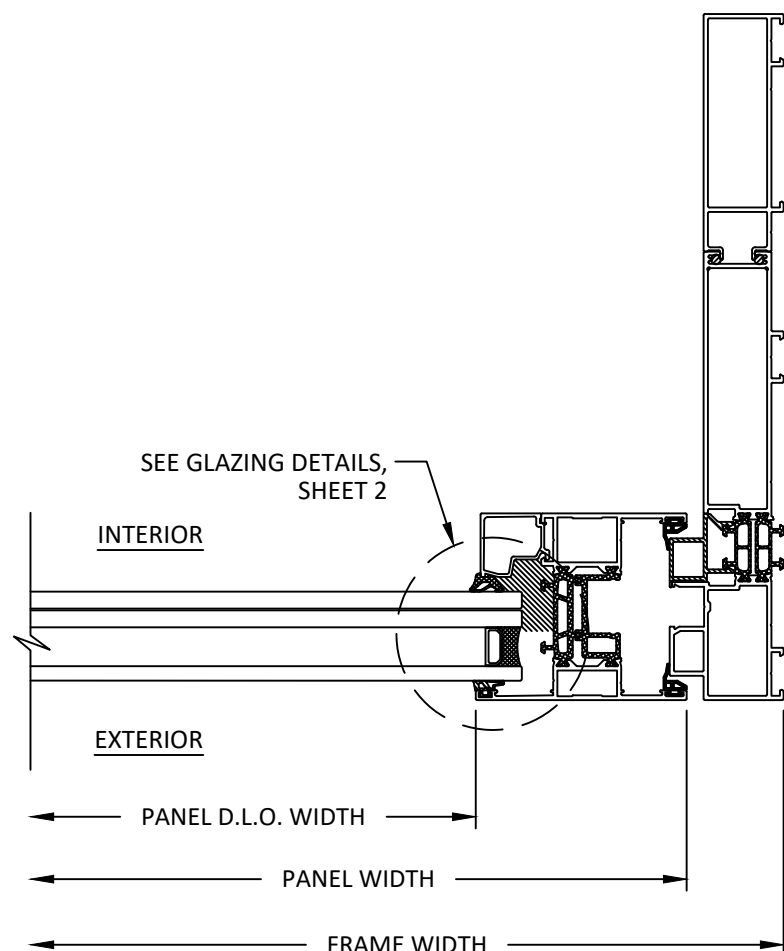


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CHK. BY:	HFN
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DWG. #:	REY007
SHEET:	15

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A
16 HORIZONTAL SECTION
LOCK JAMB
3-TRACK



B
16 HORIZONTAL SECTION
FIXED JAMB
3-TRACK



2115 REXFORD ROAD, SUITE 215
CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

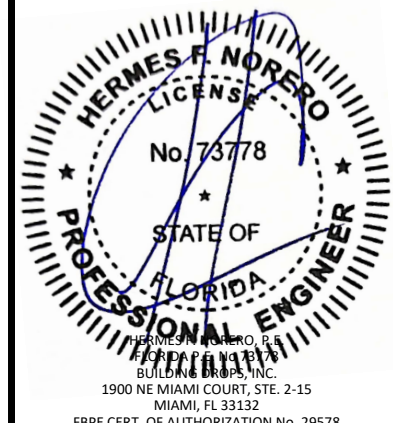
TITLE: MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)
HORIZONTAL SECTION

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
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FL #:
FL47837

DATE: **08.25.25**

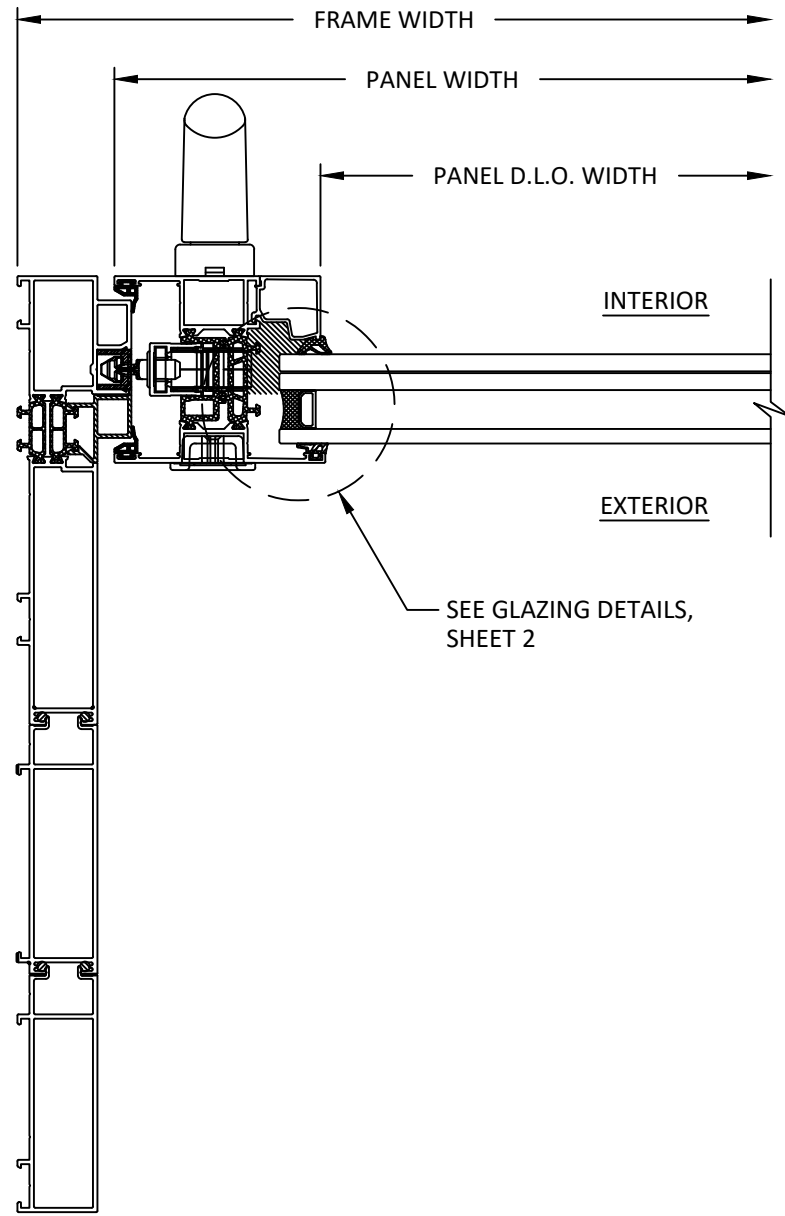
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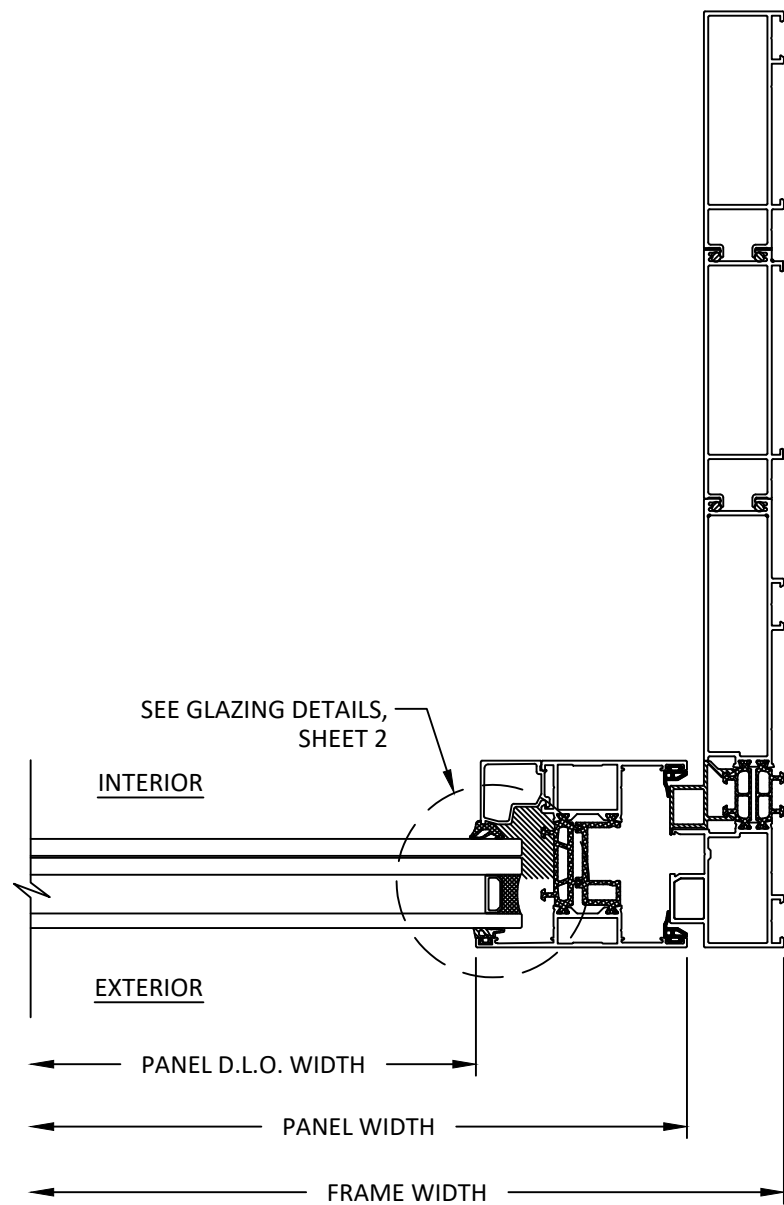
DWG. #: **REY007**

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A
17 HORIZONTAL SECTION
LOCK JAMB
4-TRACK



B
17 HORIZONTAL SECTION
FIXED JAMB
4-TRACK

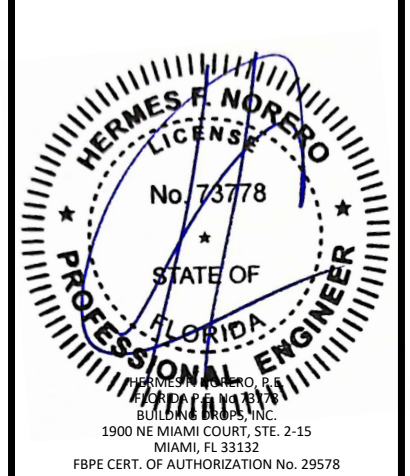


2115 REXFORD ROAD, SUITE 215
CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

TITLE: MASTERPATIO SLIDING GLASS DOOR (WZ3) (IMPACT) HORIZONTAL SECTION	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
	 BUILDING DROPS

REMARKS	BY	DATE

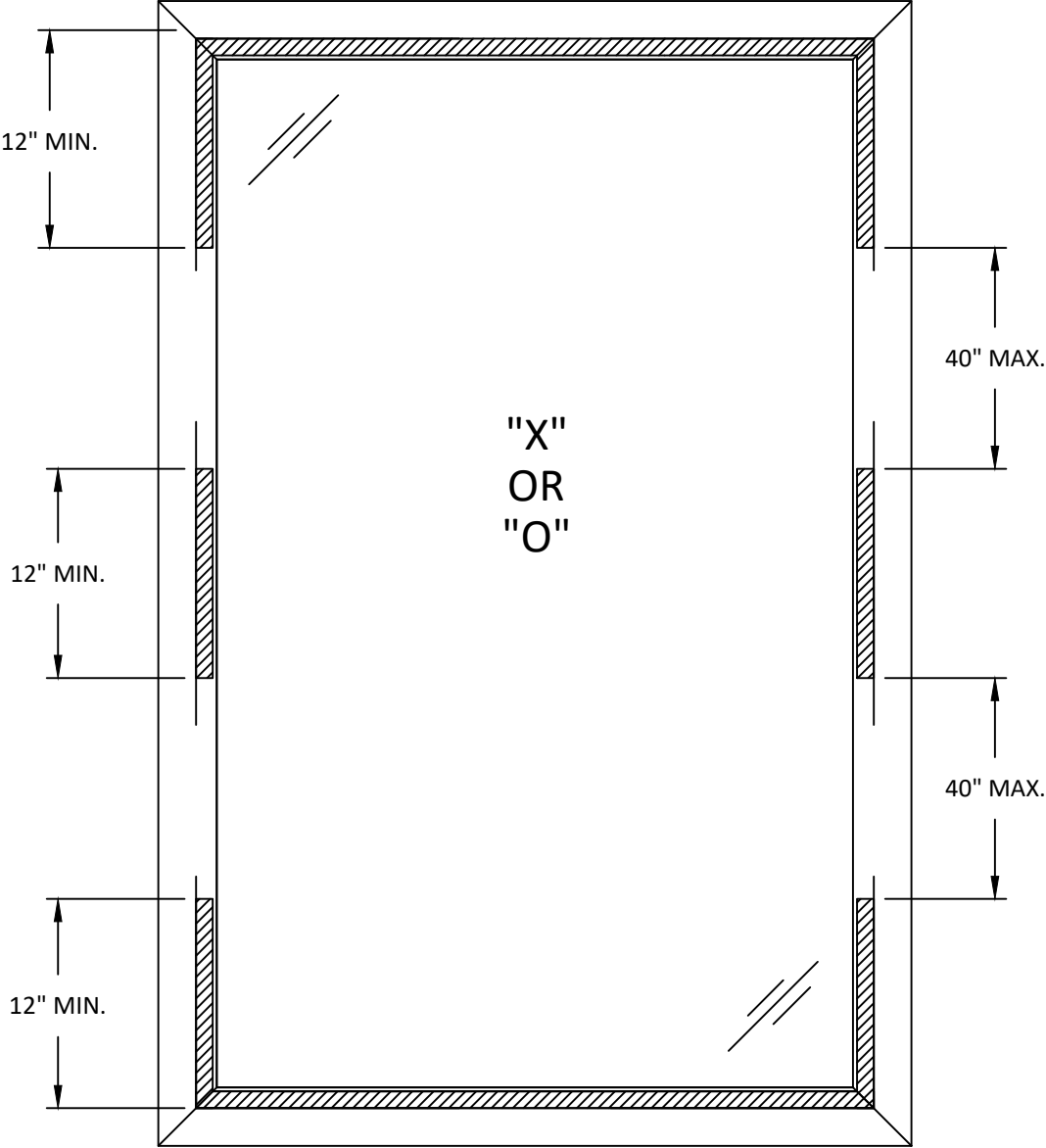
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DATE:		08.25.25	
DWG. BY:	DB	CHK. BY:	HFN
SCALE:		NTS	
DWG. #:		REY007	
SHEET:		17	

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STRUCTURAL SILICONE LOCATIONS



 = DOWSIL 995 STRUCTURAL SILICONE APPLICATION



2115 REXFORD ROAD, SUITE 215
CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

TITLE:

MASTERPATIO SLIDING
GLASS DOOR
(WZ3) (IMPACT)

STRUCTURAL SILICONE LOCATIONS

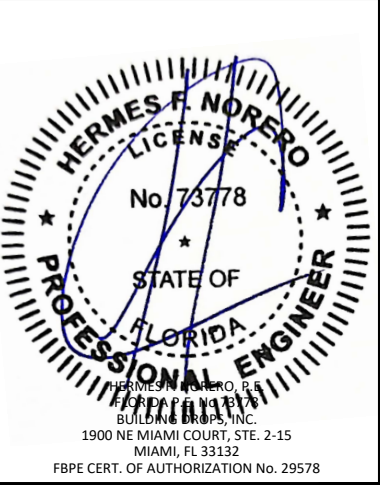
PREPARED BY:

**BUILDING DROPS**

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

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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DATE: **08.25.25**

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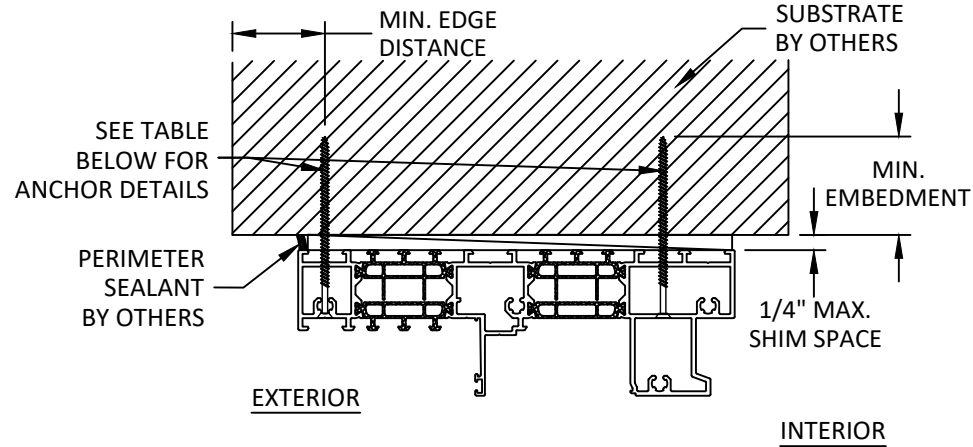
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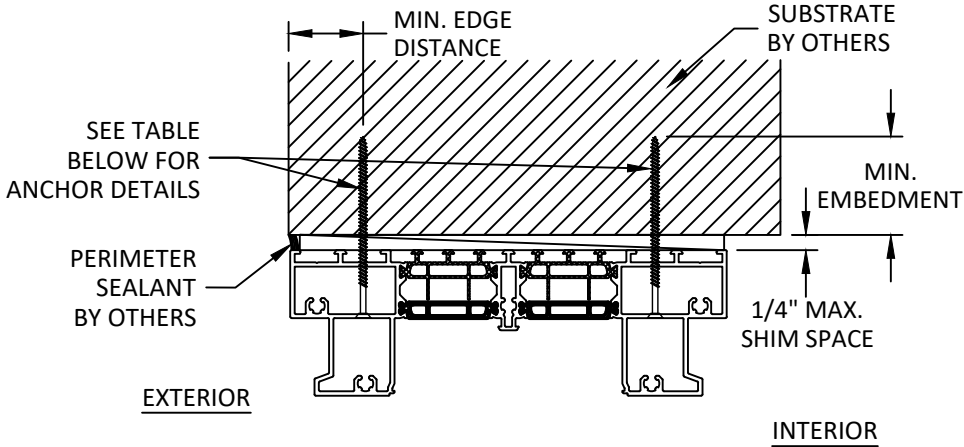
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OF 22

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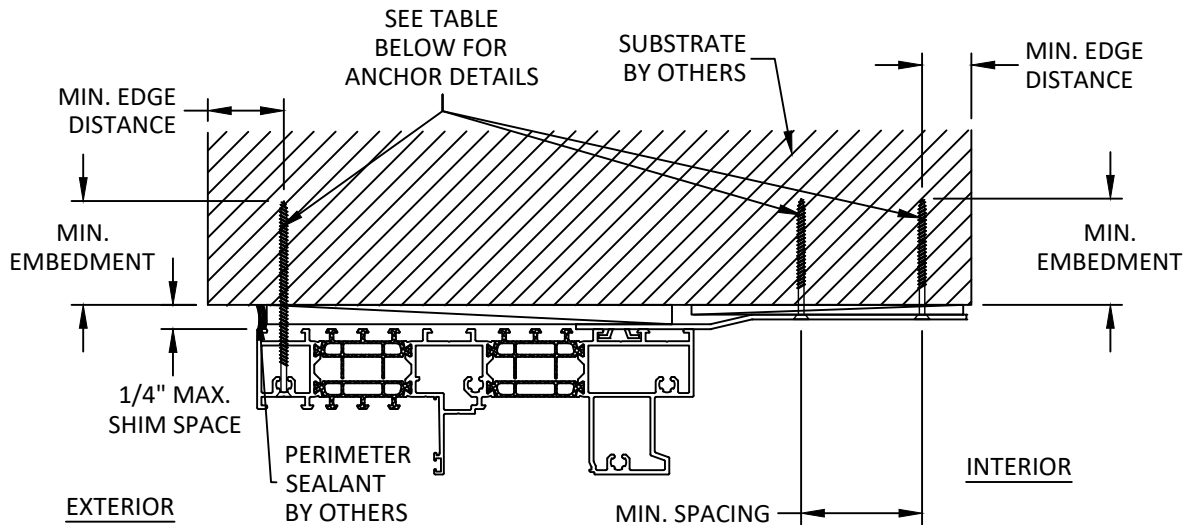
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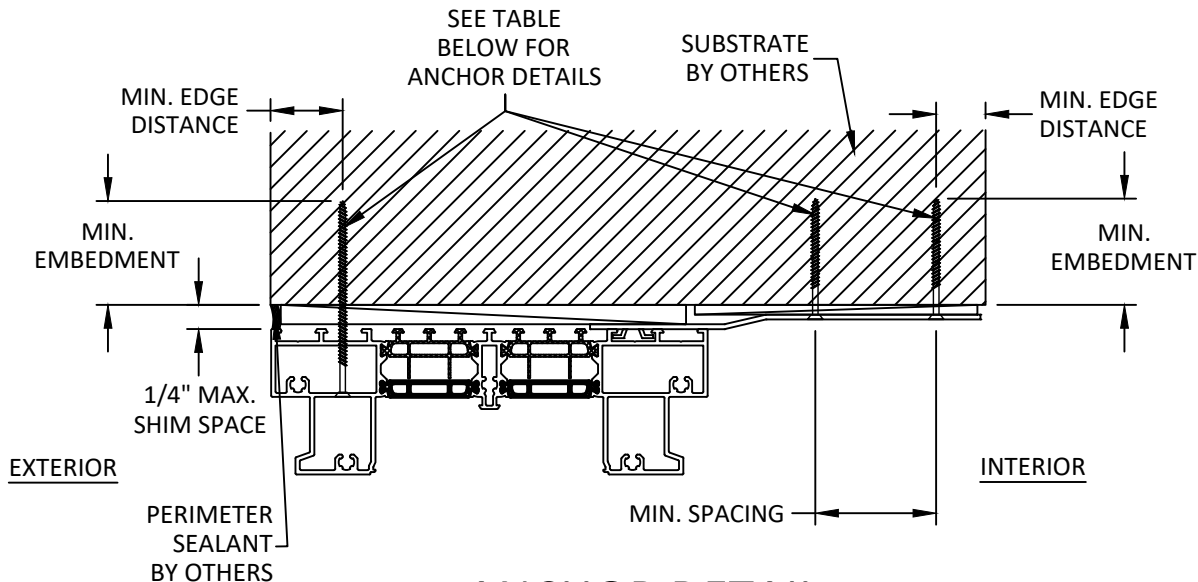
A
19 ANCHOR DETAIL
HEAD (1-TRACK)
THROUGH FRAME



B
19 ANCHOR DETAIL
HEAD (2-TRACK)
THROUGH FRAME



C
19 ANCHOR DETAIL
HEAD (1-TRACK)
STRAP



D
19 ANCHOR DETAIL
HEAD (2-TRACK)
STRAP

NOTE: 2-TRACK SHOWN, 3-TRACK & 4-TRACK SIMILAR

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MIN. SPACING
STRAP AND THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE WALL	0.50"	0.75"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.00"	3.00"	1.75"
	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI				



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TITLE: MASTERPATIO SLIDING GLASS DOOR (WZ3) (IMPACT)

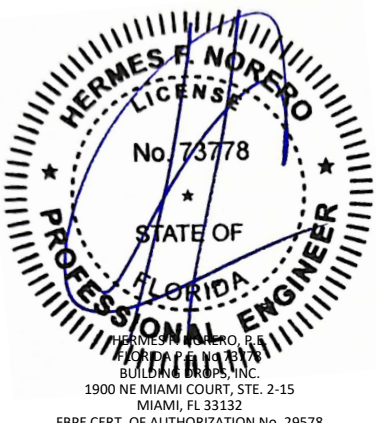
ANCHOR SCHEDULE & ANCHOR DETAILS

PREPARED BY: BUILDING DROPS, INC.
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DWG. BY: DB	CHK. BY: HFN
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SCALE: **NTS**

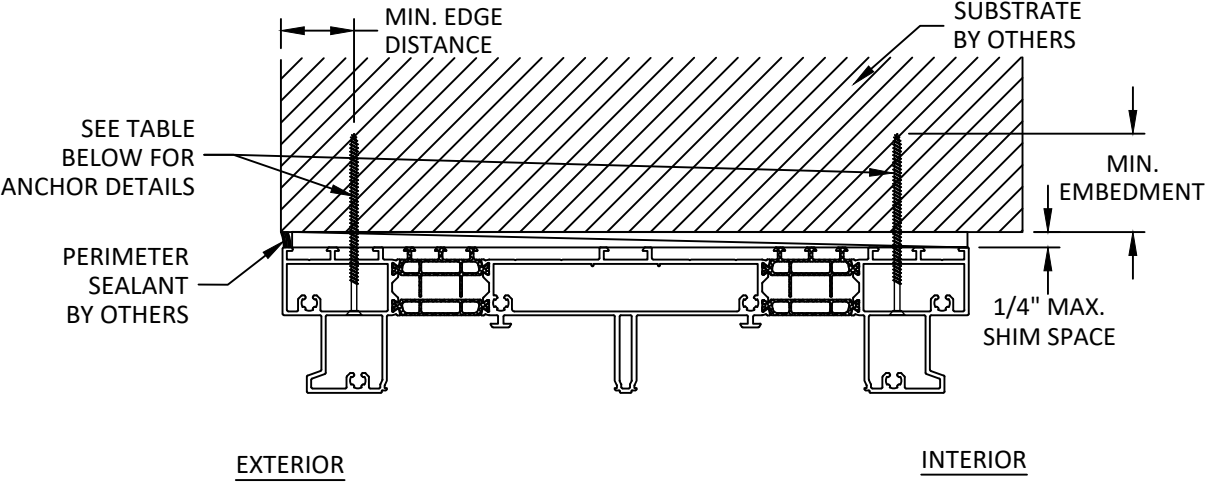
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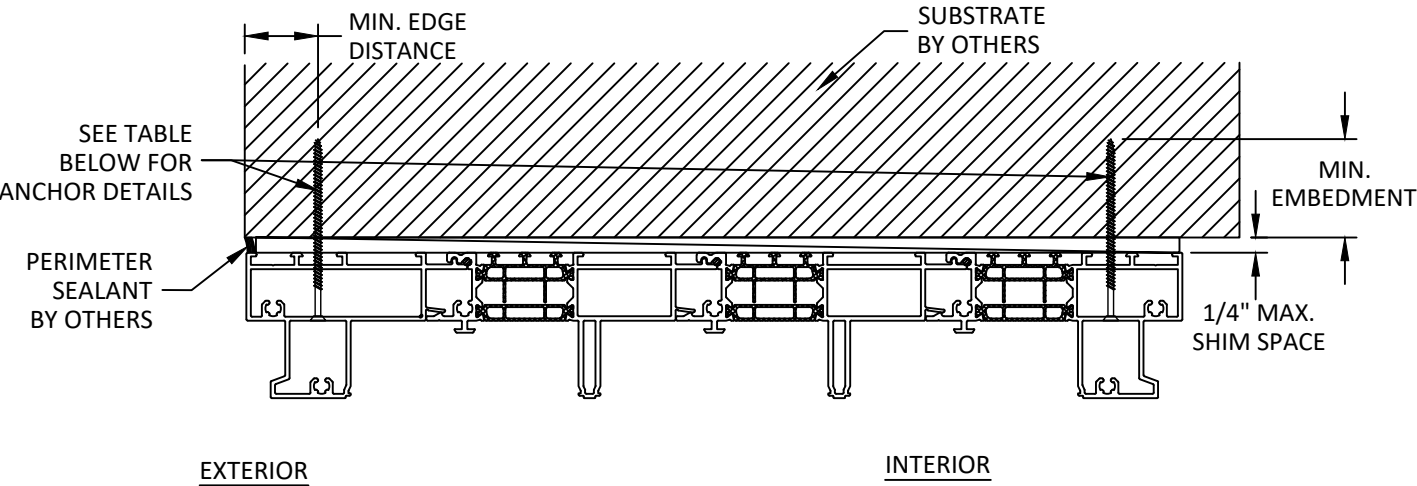
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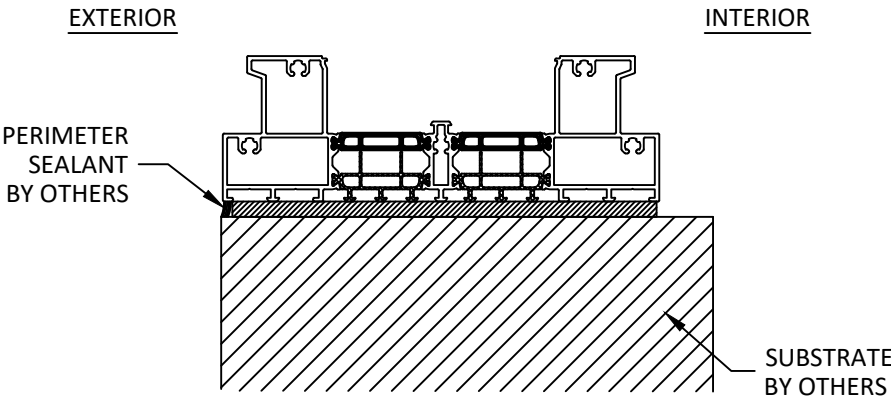
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A
20 ANCHOR DETAIL
HEAD (3-TRACK)
THROUGH FRAME



B
20 ANCHOR DETAIL
HEAD (4-TRACK)
THROUGH FRAME



C
20 ANCHOR DETAIL
SILL (2-TRACK)
SET ON BED OF STRUCTURAL SEALANT

NOTE: 2-TRACK SHOWN, 1-TRACK, 3-TRACK, & 4-TRACK SIMILAR

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MIN. SPACING
STRAP AND THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE WALL	0.50"	0.75"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.00"	3.00"	1.75"
	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI				



2115 REXFORD ROAD, SUITE 215
CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

TITLE: MASTERPATIO SLIDING GLASS DOOR (WZ3) (IMPACT)

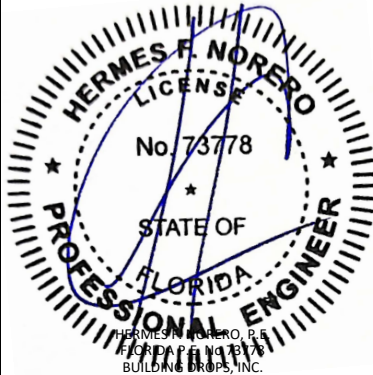
ANCHOR SCHEDULE & ANCHOR DETAILS

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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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 #: **FL47837**

DATE: **08.25.25**

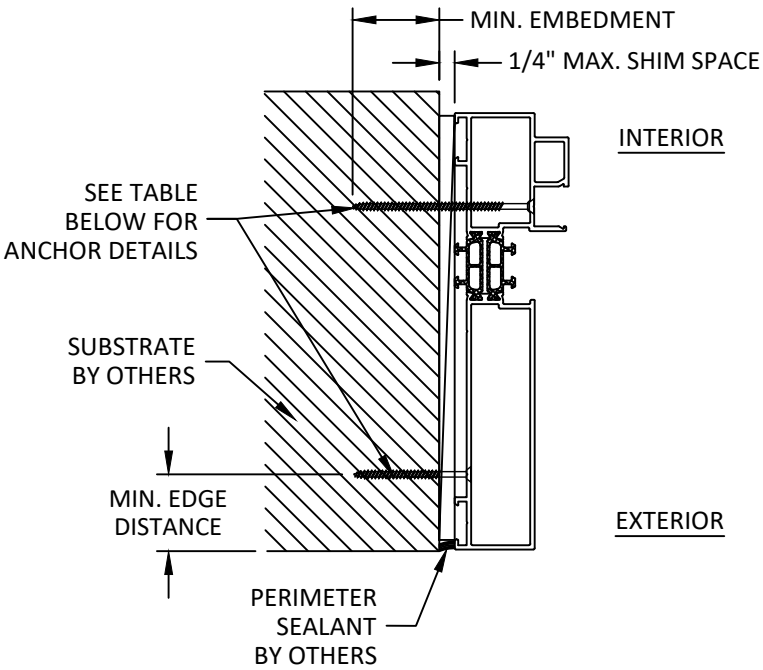
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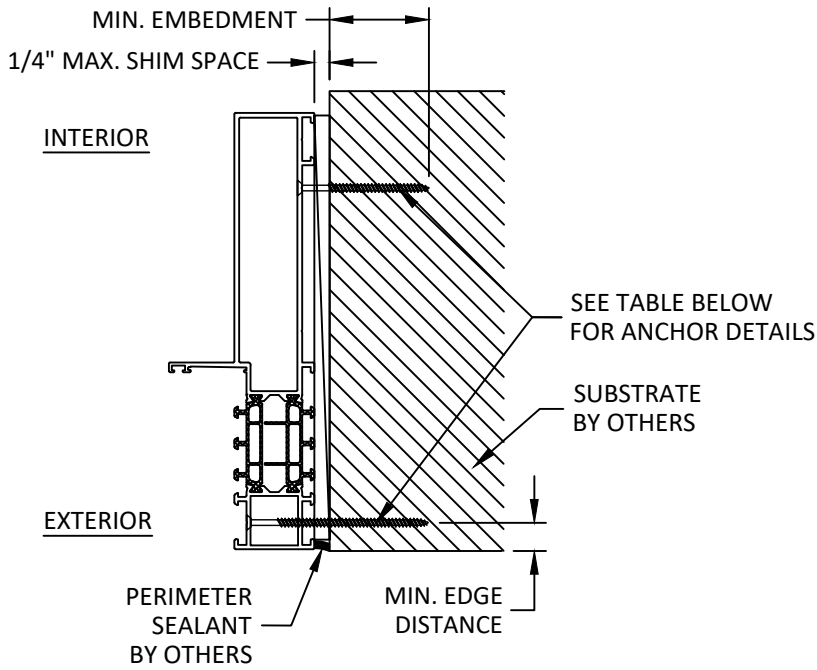
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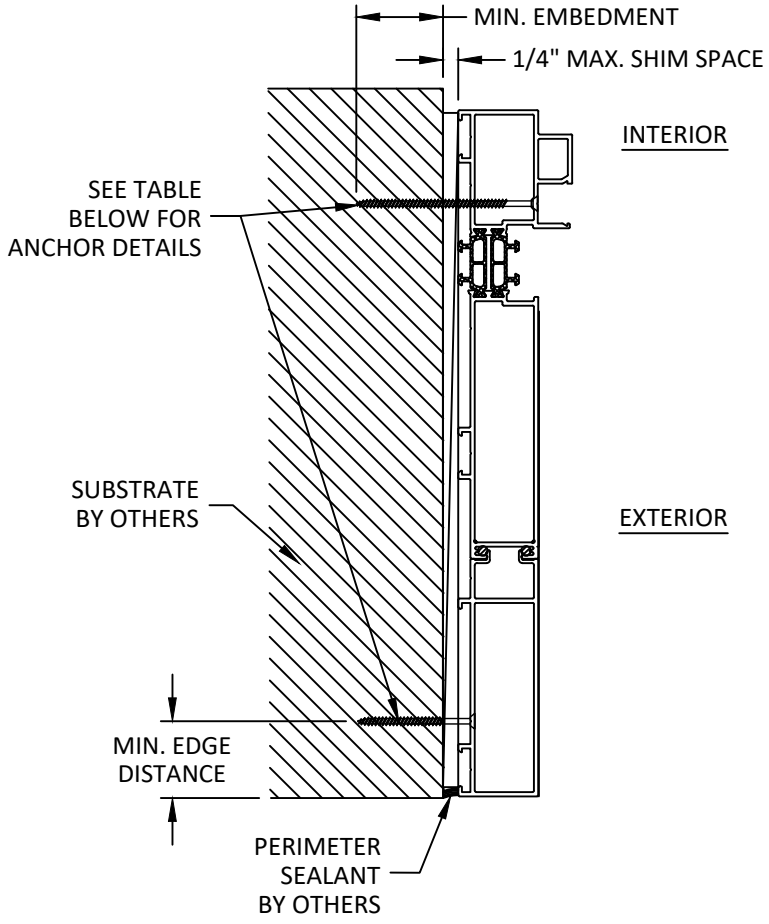
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A
21 **ANCHOR DETAIL**
JAMB - OPERABLE PANEL (1 & 2-TRACK)
THROUGH FRAME



B
21 **ANCHOR DETAIL**
JAMB - FIXED LITE
THROUGH FRAME



C
21 **ANCHOR DETAIL**
JAMB (3-TRACK)
THROUGH FRAME

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MIN. SPACING
STRAP AND THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE WALL	0.50"	0.75"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.00"	3.00"	1.75"
	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI				



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CHARLOTTE, NC 28211
EMAIL: INFO.N-A@REYNAERS.COM

TITLE: MASTERPATIO SLIDING GLASS DOOR (WZ3) (IMPACT)

ANCHOR SCHEDULE & ANCHOR DETAILS

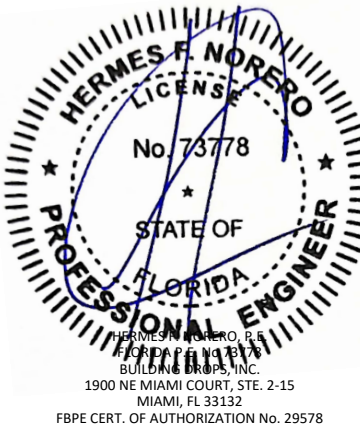
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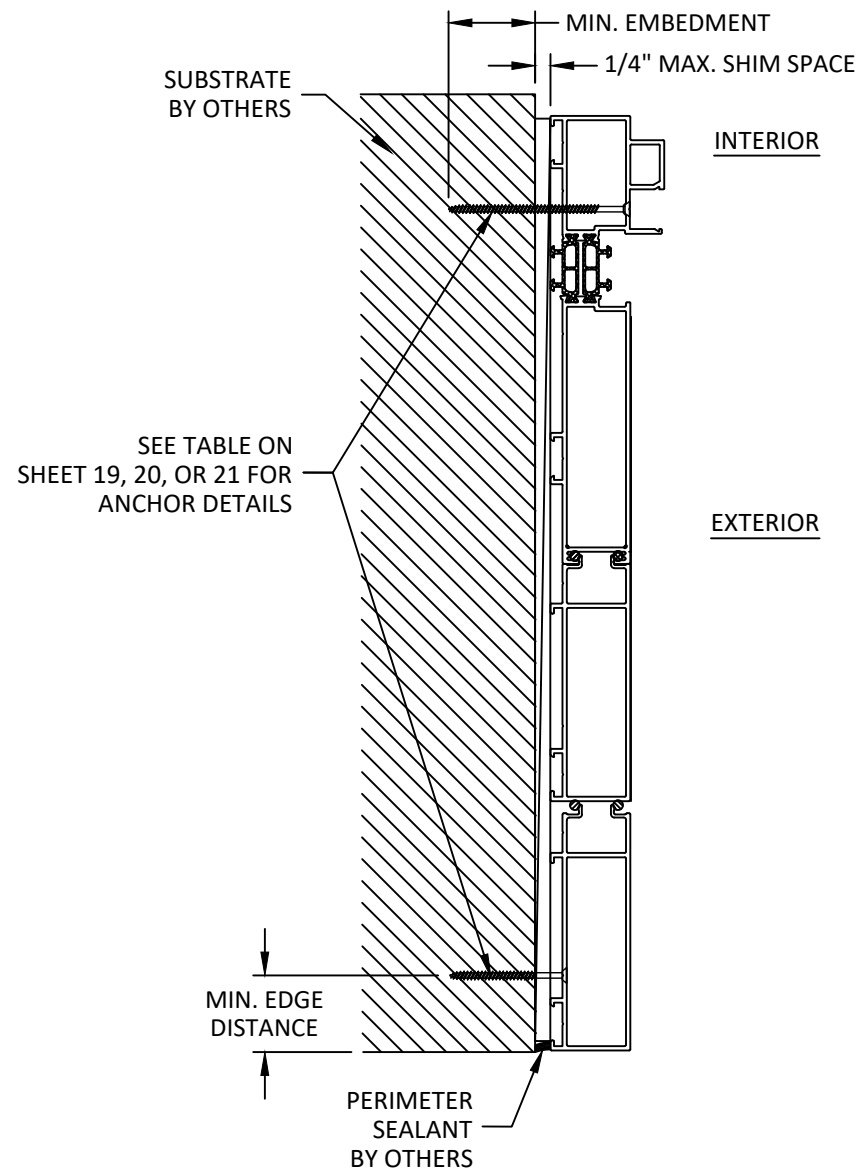
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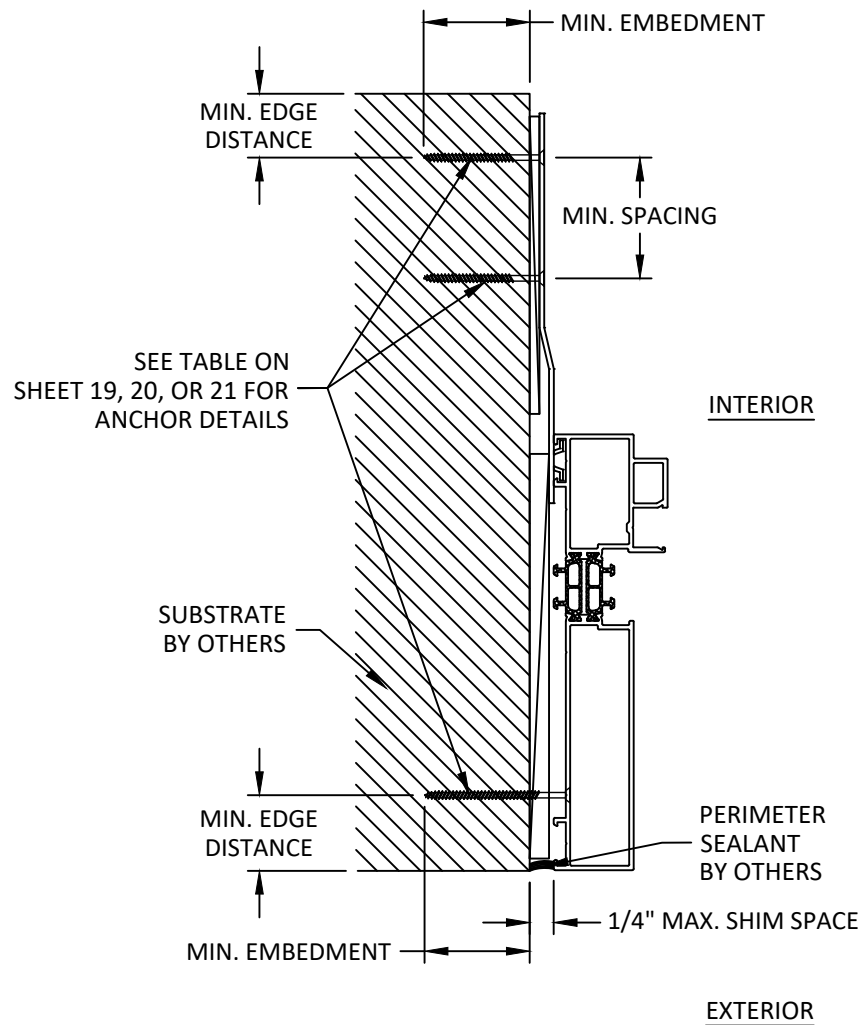
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A
22

ANCHOR DETAIL

JAMB (4-TRACK)
THROUGH FRAME



B
22

ANCHOR DETAIL

JAMB - OPERABLE PANEL (1 & 2-TRACK)
STRAP

NOTE: 1 & 2-TRACK SHOWN, 3-TRACK, 4-TRACK, & FIXED LITE SIMILAR



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ANCHOR DETAILS

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SCALE: NTS

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OF 22