


EURO-WALL, LLC

MS-MULTISLIDE SYSTEM (NON-HVHZ)(NON-IMPACT)

TITLE: MS MULTI-SLIDE SYSTEM
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES &
GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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FAX: (954)744-4738
WEB: www.buildingdrops.com



GENERAL NOTES:

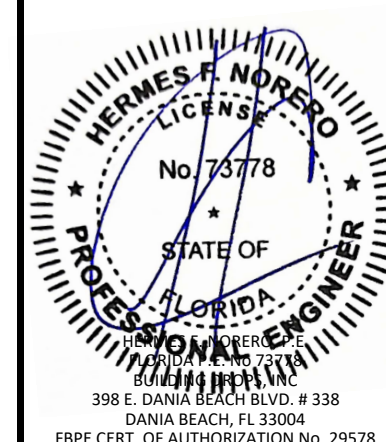
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: *EXTRUDED ALUMINUM (6063-T5)*.
7. GLASS SHALL COMPLY WITH THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
8. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM COMPONENTS SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAILS
2	ELEVATION
3	ANCHOR LAYOUT
4	DESIGN PRESSURE TABLE
5	VERTICAL SECTIONS
6	HORIZONTAL SECTIONS
7	HORIZONTAL SECTIONS
8	ANCHOR DETAILS
9	INSTALLATION NOTES, ANCHOR DETAILS, & ANCHOR SCHEDULE
10	BILL OF MATERIALS & COMPONENTS
11	COMPONENTS

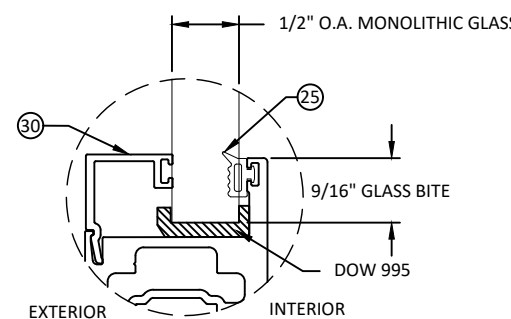
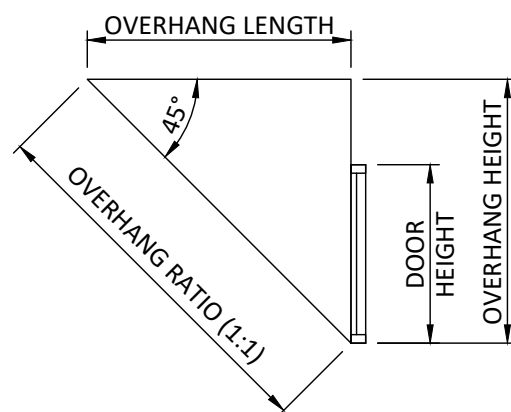
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COMPANY NAME UPD.	SH	9/23

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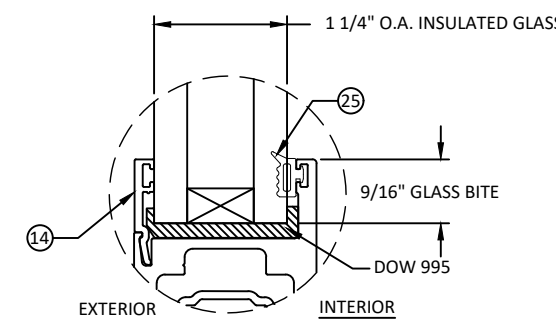
DESIGN PRESSURE RATING			
MAX. UNIT DIMENSIONS	DESIGN PRESSURE	WATER TEST PRESSURE	MISSILE IMPACT RATING
SEE SHEET 4		10.5 PSF	NON-IMPACT



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



GLAZING DETAIL 1



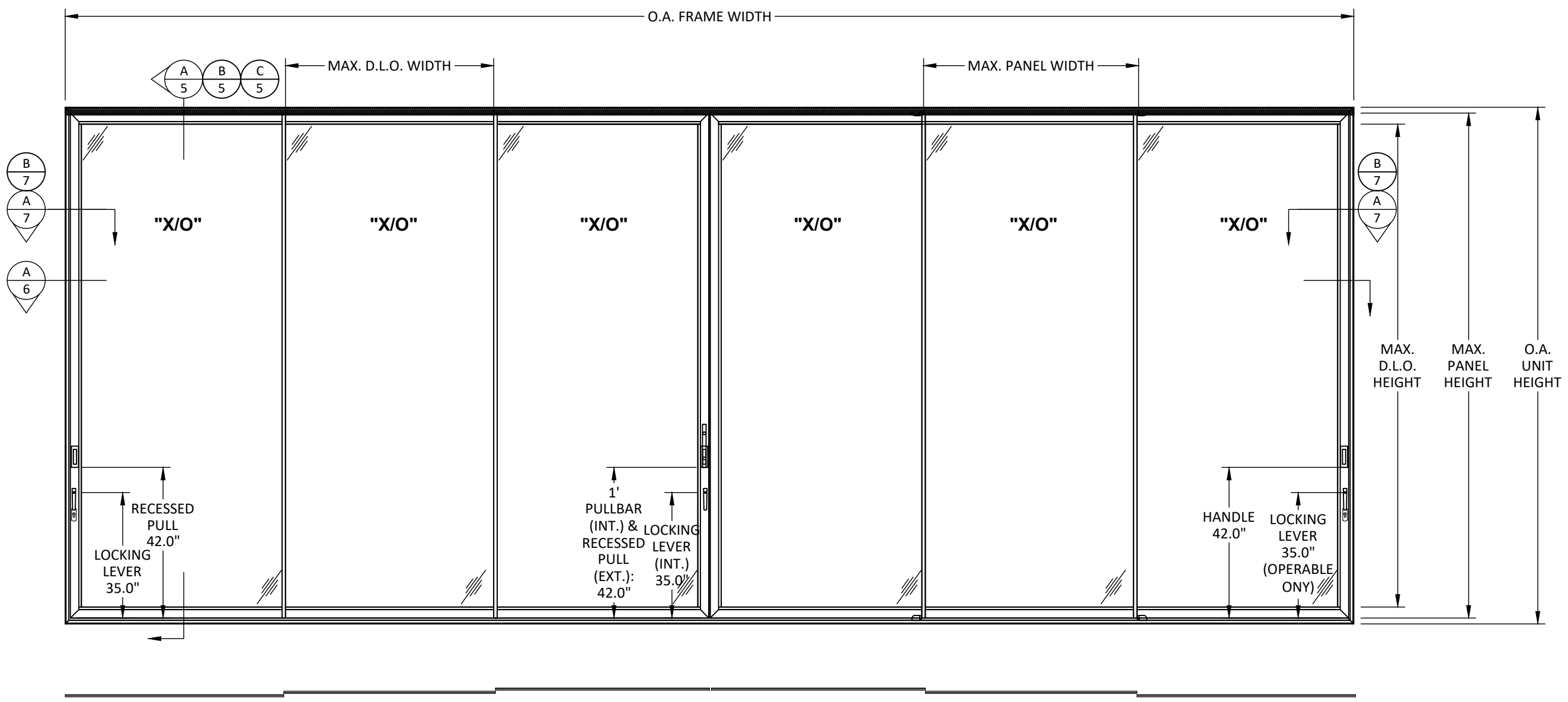
GLAZING DETAIL 2

- | GLAZING NOTES: |
|--|
| 1. GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. |
| 2. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24. |
| 3. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24. |
| 4. GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER CHAPTER 24 OF THE FBC |

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DATE:	04.26.23		
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SCALE:	NTS		
DWG. #:	EWS033		
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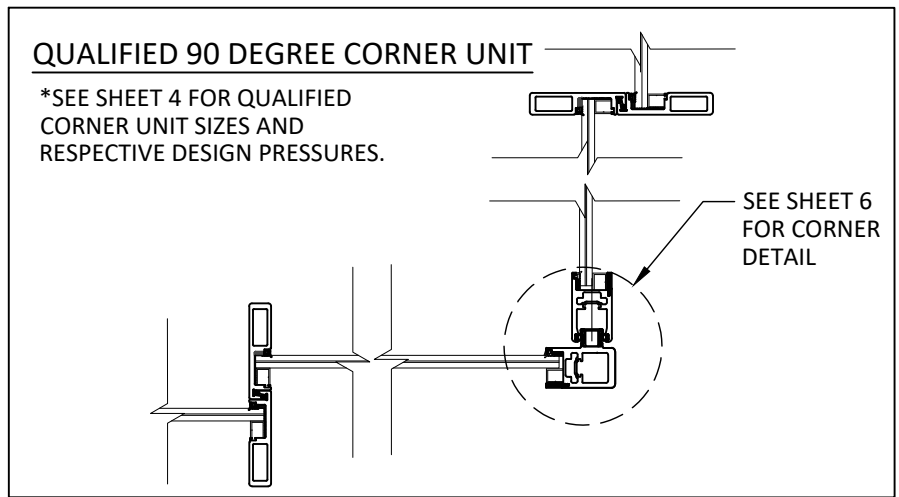
NOTE:
 • SEE SHEET 4 FOR QUALIFIED CONFIGURATIONS.
 • FRAME WIDTH = NUMBER OF PANELS X PANEL WIDTH
 • MAX D.L.O. WIDTH = PANEL WIDTH - 1.90"
 • MAX D.L.O. HEIGHT = PANEL HEIGHT - 6.10"



- APPROVED CONFIGURATIONS:**
 2 PANEL - OX, XO, XX
 3 PANEL - OOX, XOO, XOX, XXO, OXX, XXX, OXO
 4 PANEL - OXXO, OXXX, XXXO, XXOO, XOOX, OXXX, XXXX
 5 PANEL - XXOOO, OOOXX, XXXXX, OXXXX, XXXXO
 6 PANEL - OXXXXO, OXXXXP, XXXXXX, XXXOOO, OOOXXX, OOXOOO, XOOOOX, XXXXOX, OXXXXX, XXXXXX
 7 PANEL - XXXXXXX, OXXXXXX, XXXXXOX, OXXXXXX
 8 PANEL - OXXXXXOX, OXXXXXXX, XXXXXXXX, XXXXXXXX
- POCKETS ARE QUALIFIED ON ANY CONFIGURATION.**
- POCKETS ARE QUALIFIED FOR INSTALLATION ON EITHER SIDE OF THE SYSTEM. POCKETS ARE QUALIFIED TO BE USED ON BOTH SIDE AT THE SAME TIME.**

TYPICAL ELEVATION SLIDING GLASS DOOR

NOTE:
 • MAXIMUM OF 4 PANEL CONNECTED TO CORNER UNIT ON EACH SIDE.

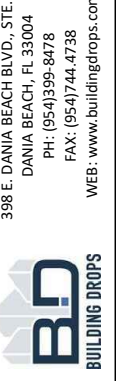


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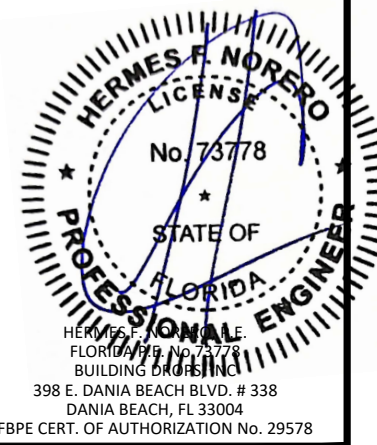
ELEVATION

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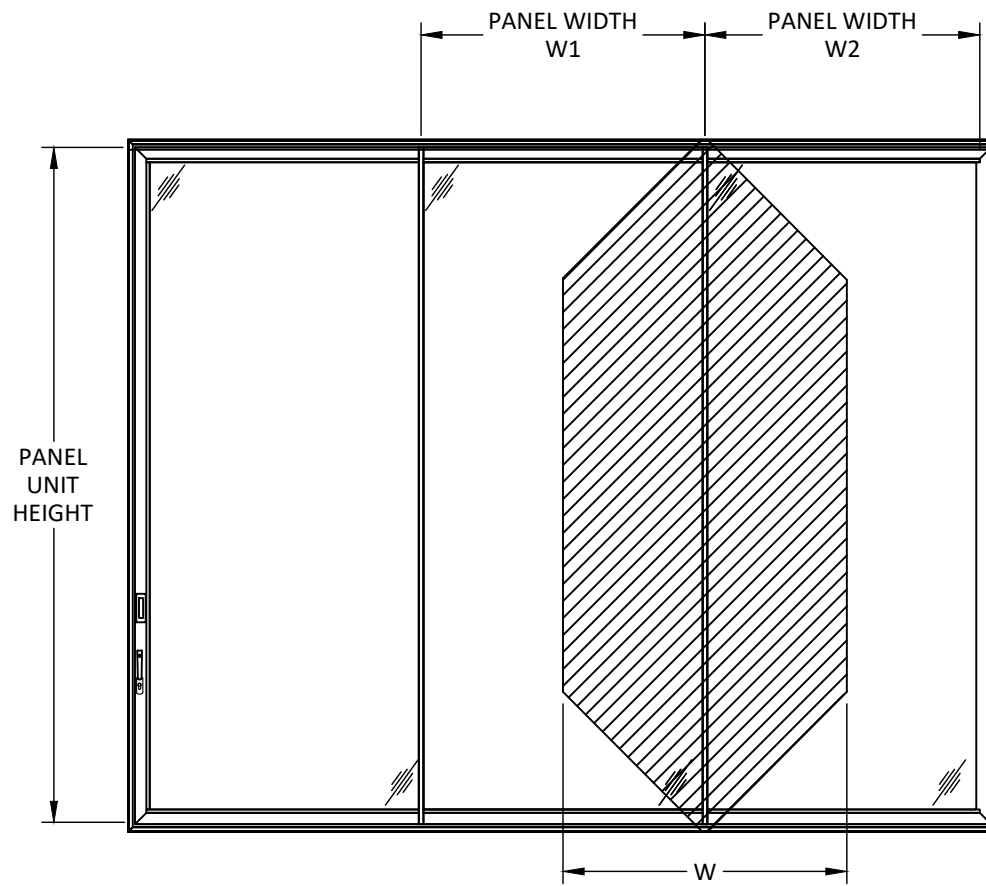
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$$\text{TRIBUTARY WIDTH}(W) = (W1+W2)/2$$

- APPROVED CONFIGURATIONS:
 2 PANEL - OX, XO, XX
 3 PANEL - OOX, XOO, XOX, XXO, OXX, XXX
 4 PANEL - OXXO, OXXX, XXXO, XXOO, XOOX, OOOX, XXXX
 5 PANEL - XXOOO, OOOXX, XXXXX, OXXXX, XXXXO
 6 PANEL - OXXXXO, OXXXXP, XXXXXX, XXXOOO, OOOXXX, OOOXOO, XOOOOX, XXXXO, OXXXX, XXXXX
 7 PANEL - XXXXXXX, OXXXXXX, XXXXXO, OXXXXO
 8 PANEL - OXXXXXXO, OXXXXXX, XXXXXO, XXXXXXX

- POCKETS ARE QUALIFIED ON ANY CONFIGURATION.
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NOTE
 1) MAXIMUM FRAME AREA = 628 SQUARE FEET.
 2) MAXIMUM OF 4 PANEL CONNECTED TO CORNER UNIT ON EACH SIDE.

DESIGN PRESSURE TABLE (+/- PSF)

		TRIBUTARY WIDTH (INCHES)													
		45	48	51	54	57	60	63	66	69	72	75	78	81	84
PANEL HEIGHT (INCHES)	90	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	119.0
	96	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	108.0	107.0	106.0
	102	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	101.0	99.0	98.0	95.0
	108	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	95.0	93.0	91.0	89.0	
	114	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	89.6	87.3	85.3	83.5		
	120	120.0	120.0	120.0	120.0	120.0	120.0	85.9	83.4	81.2	79.2				
	126	120.0	120.0	117.6	112.0	107.1	83.1	80.4	78.0						
	132	113.7	107.3	101.7	96.8	81.2	78.2	75.6							
	138	99.1	93.5	88.5	79.9	76.7	73.9								
	144	87.6	83.1	79.2	75.8	72.7	70.0								
	150	79.8	75.2	71.1	67.6	64.4									
156	70.7	66.6	63.0	59.8											
162	63.0	59.3	56.1												
168	56.4	53.1	50.2												

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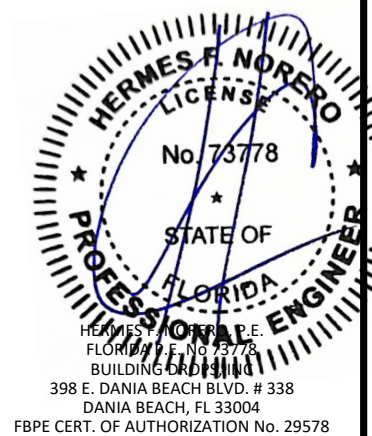
DESIGN PRESSURE TABLE

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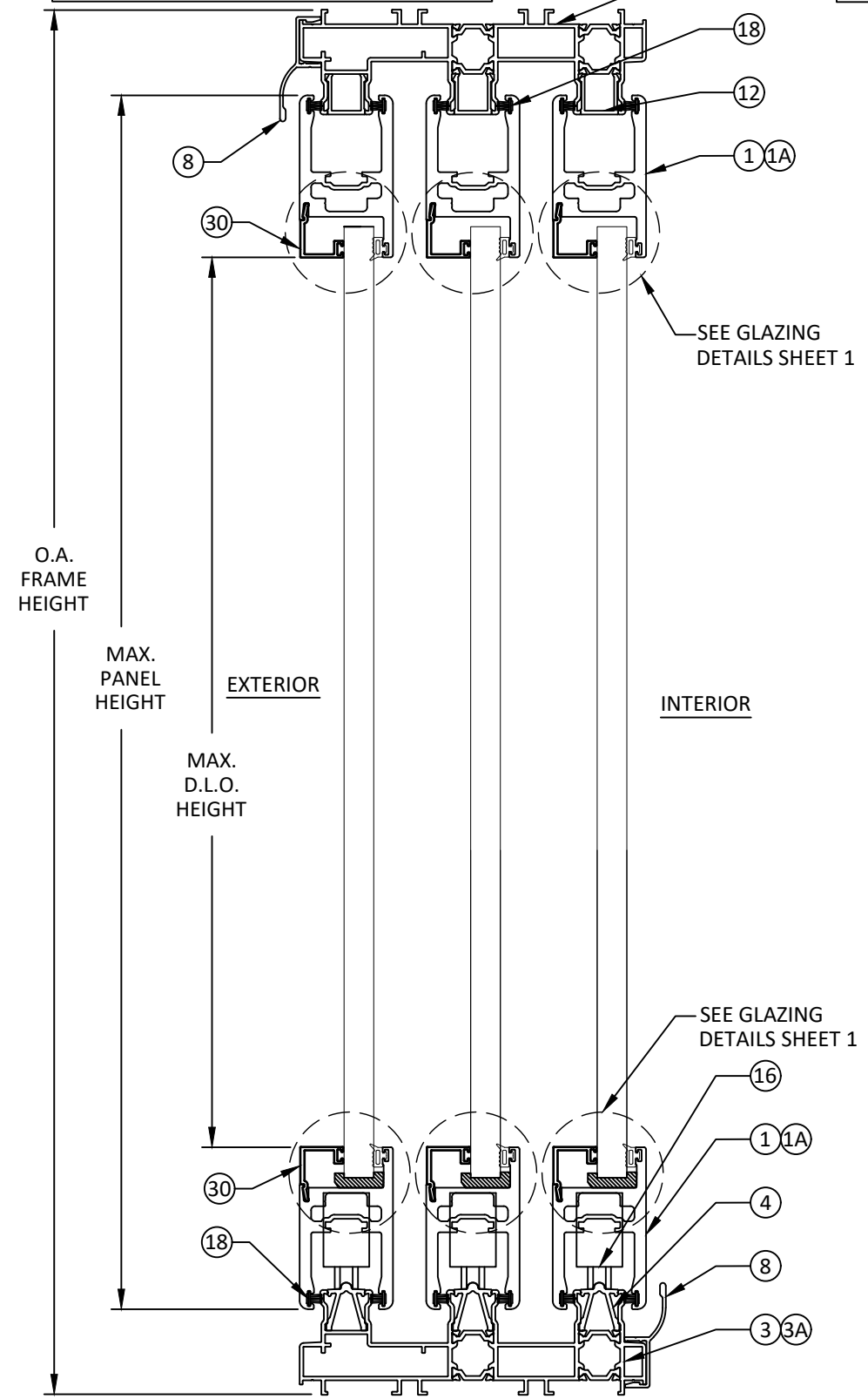
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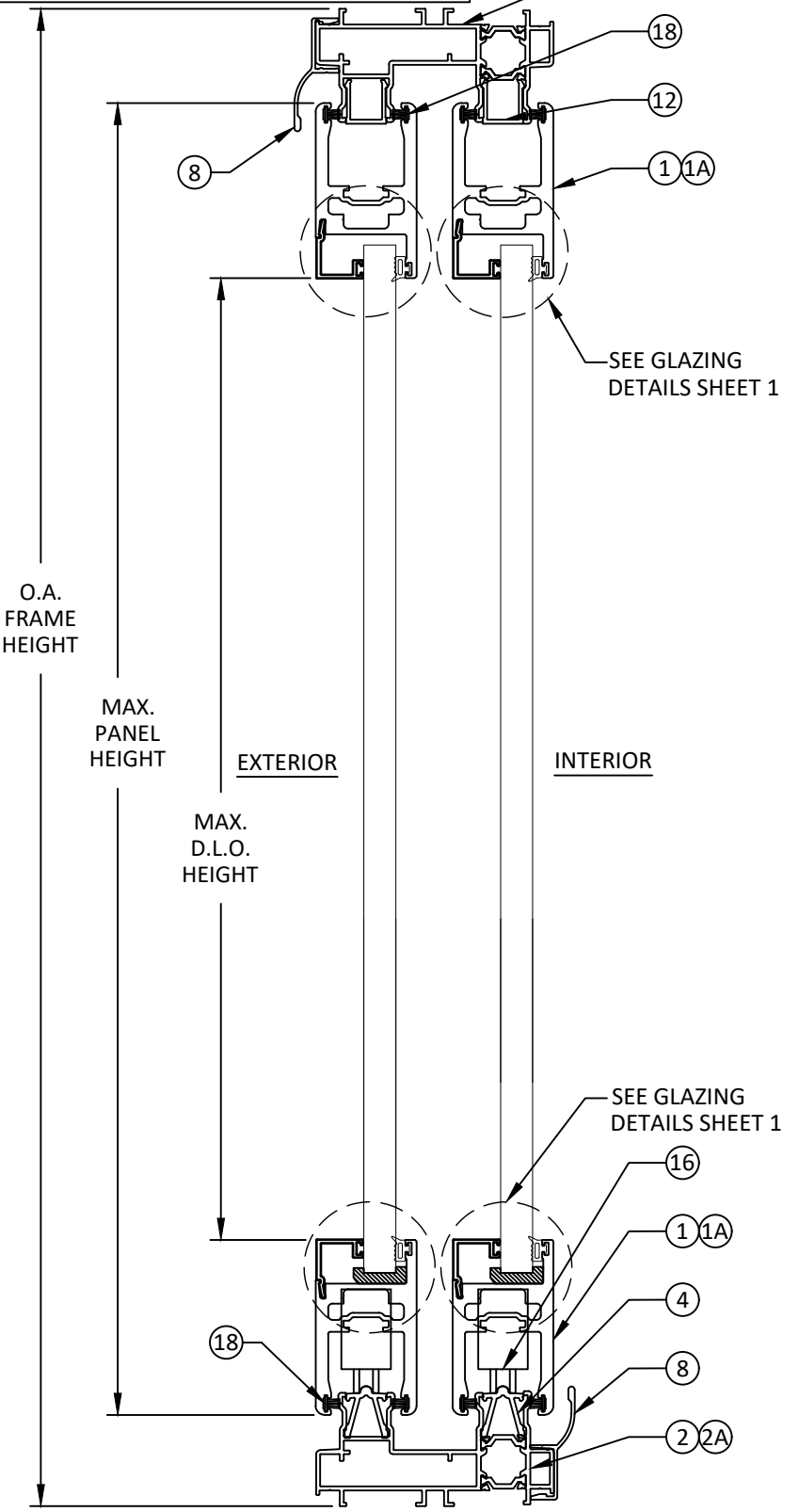
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***NOTE:**
 9/16" MONOLITHIC GLASS SHOWN
 1-1/4" INSULATED GLASS ALSO QUALIFIED

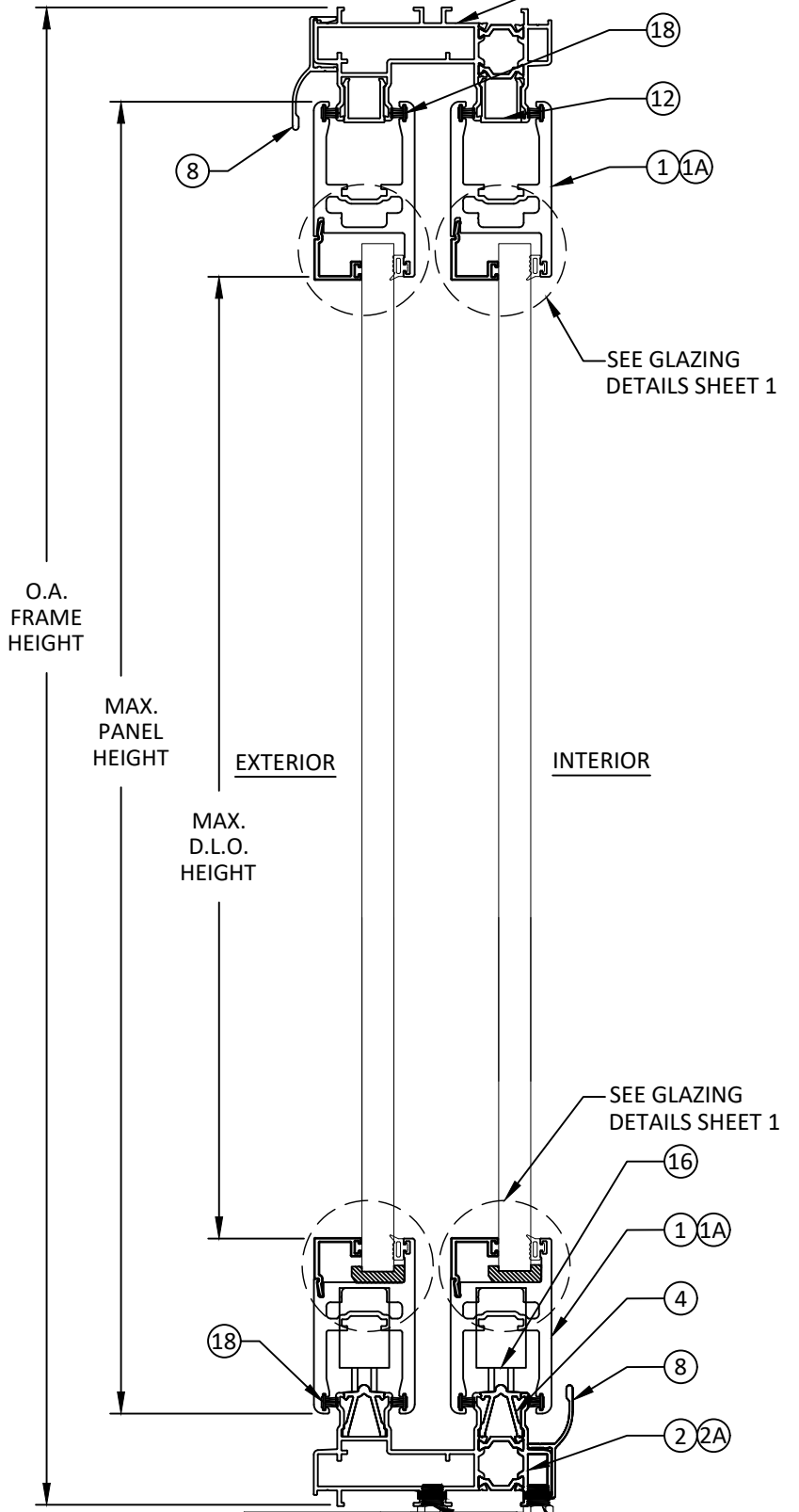
TERNALLY BROKEN FRAME PROFILES SHOWN,
 NON-THERMALLY BROKEN FRAME PROFILES ARE
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 RATINGS, SEE BOM.



A
5
VERTICAL SECTION
 SLIDING GLASS DOOR
 3 TRACKS



B
5
VERTICAL SECTION
 SLIDING GLASS DOOR
 2 TRACK



C
5
VERTICAL SECTION
 SLIDING GLASS DOOR
 OPTIONAL SUNKEN SILL
 2 TRACKS SHOWN, 3 TRACKS QUALIFIED

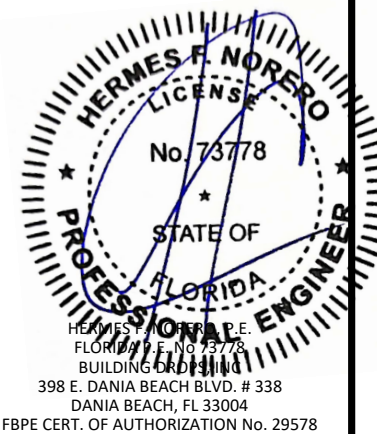
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 VERTICAL SECTIONS

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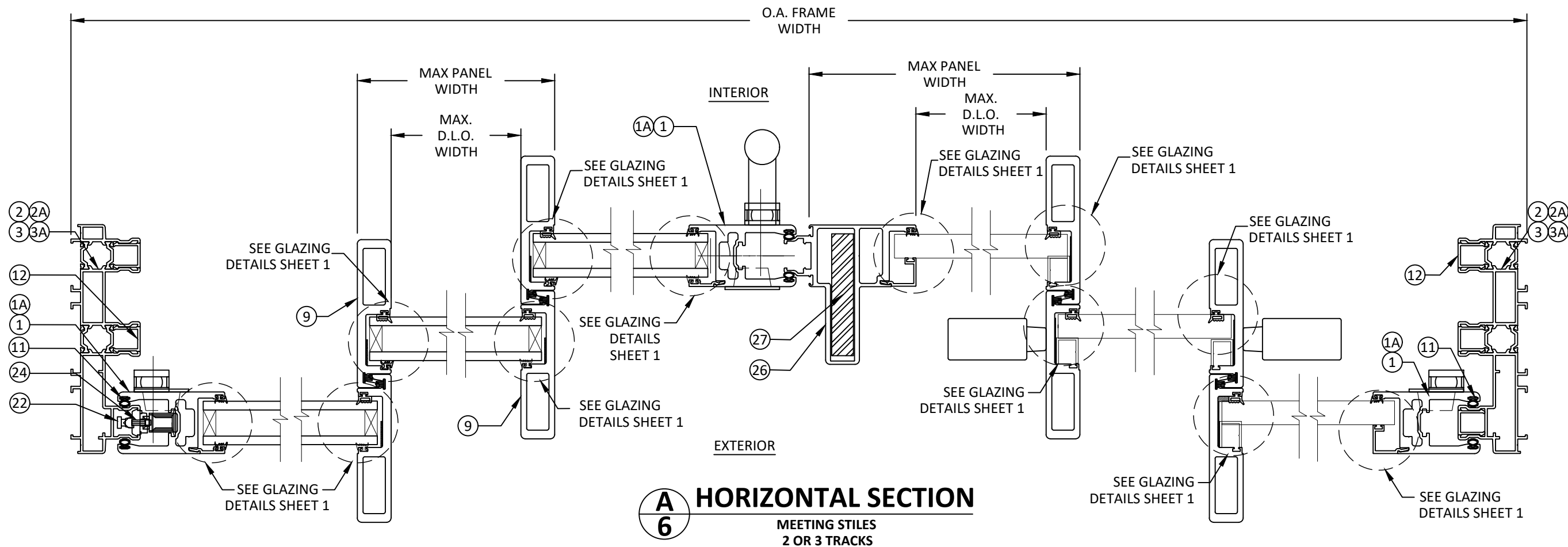
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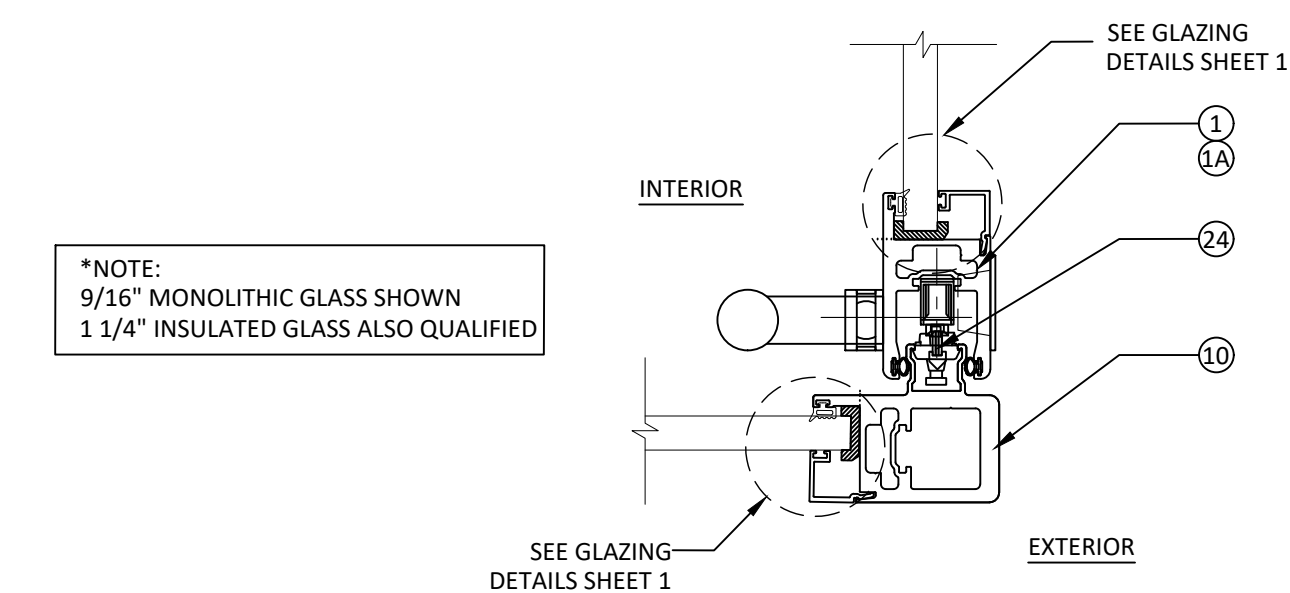
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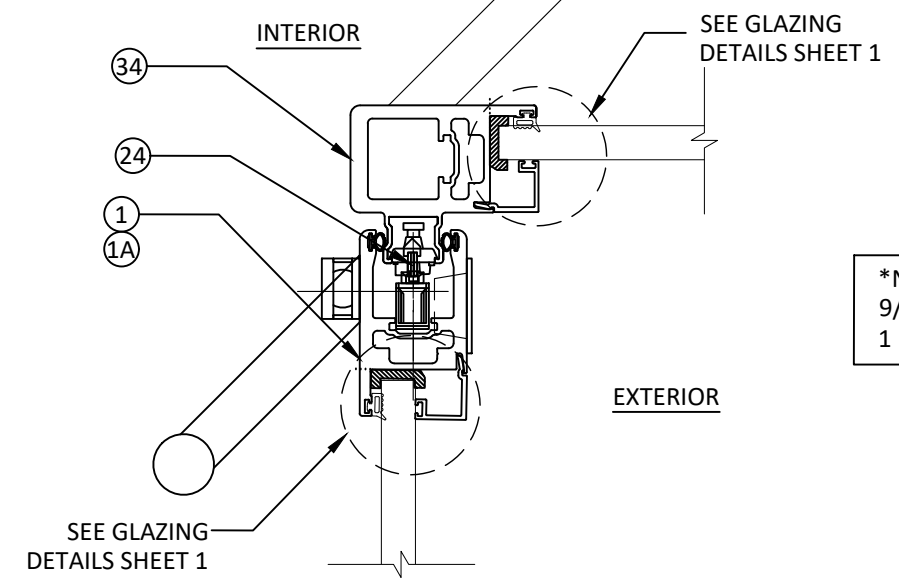
A
6
HORIZONTAL SECTION
 MEETING STILES
 2 OR 3 TRACKS

THERMALLY BROKEN FRAME PROFILES SHOWN,
 NON-THERMALLY BROKEN FRAME PROFILES ARE ALSO
 QUALIFIED FOR THE SAME SIZES AND RATINGS, SEE BOM.

*NOTE:
 9/16" MONOLITHIC GLASS SHOWN
 1 1/4" INSULATED GLASS ALSO QUALIFIED



B
6
HORIZONTAL SECTION
 OUTSIDE CORNER DETAIL



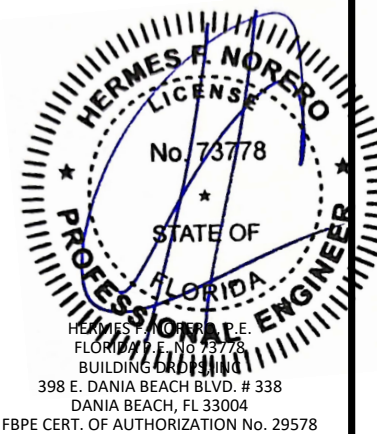
C
6
HORIZONTAL SECTION
 INSIDE CORNER DETAIL

*NOTE:
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HORIZONTAL SECTIONS

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FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

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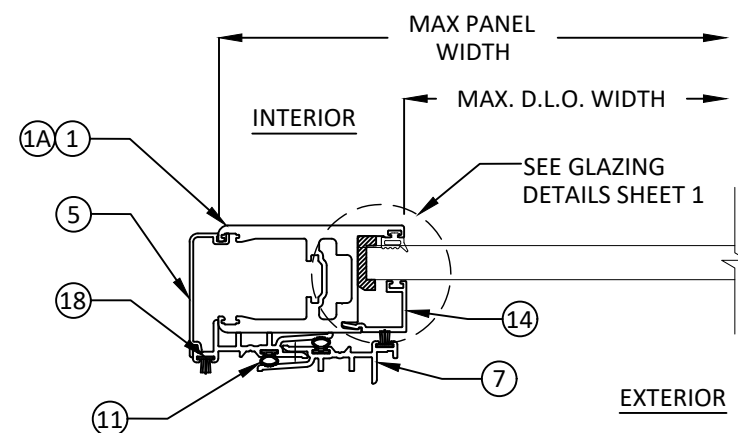
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SCALE: **NTS**

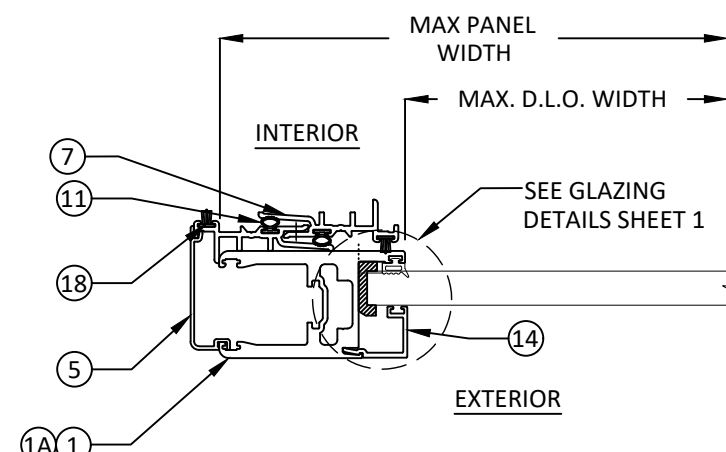
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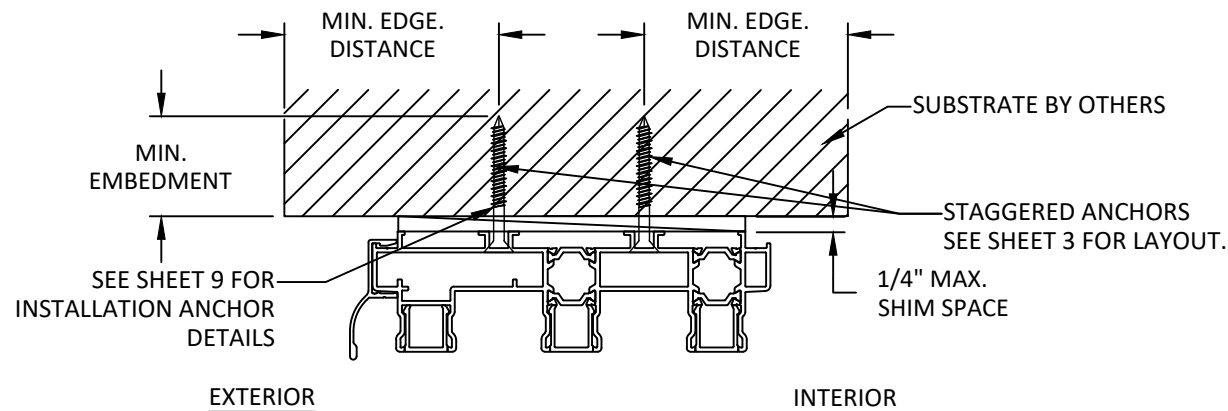


A HORIZONTAL SECTION
7 INSIDE POCKET WALL

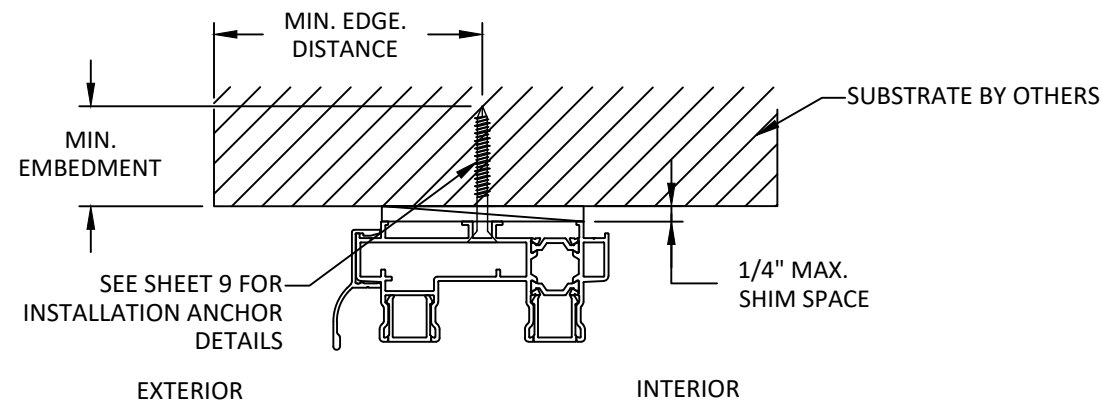


B HORIZONTAL SECTION
7 OUTSIDE POCKET WALL

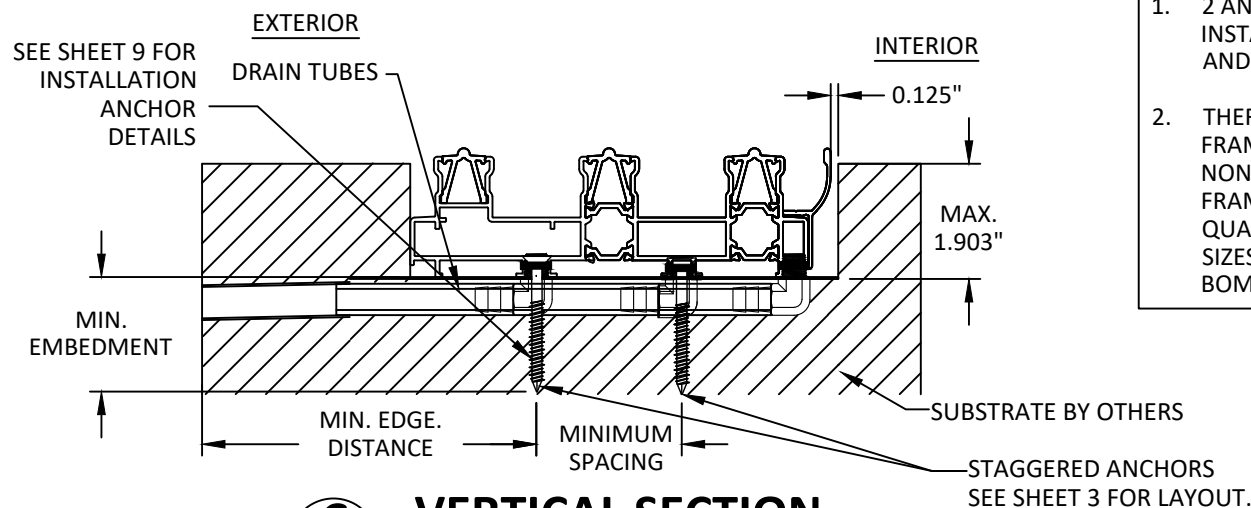
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A
8 ANCHOR DETAIL
 THROUGH FRAME INSTALLATION (HEAD)
 3 TRACKS

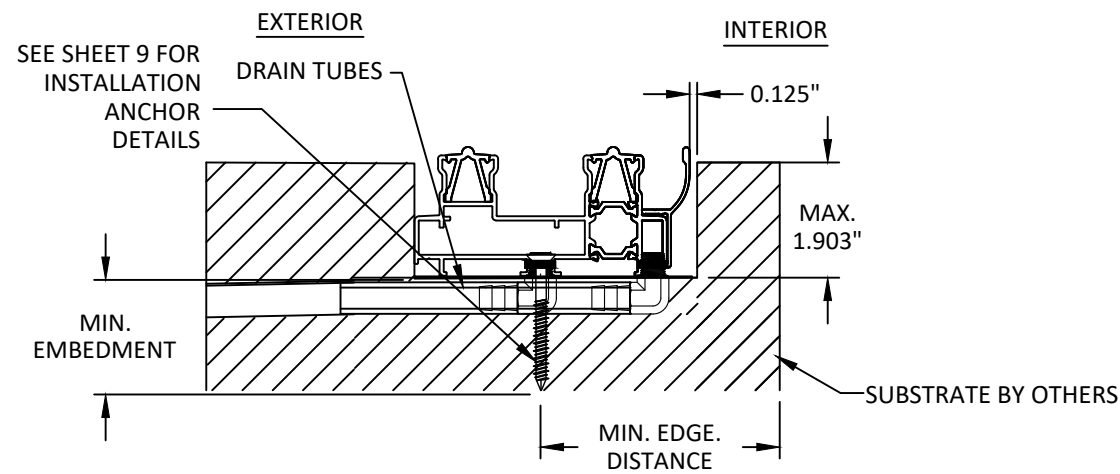


B
8 ANCHOR DETAIL
 THROUGH FRAME INSTALLATION (HEAD)
 2 TRACKS

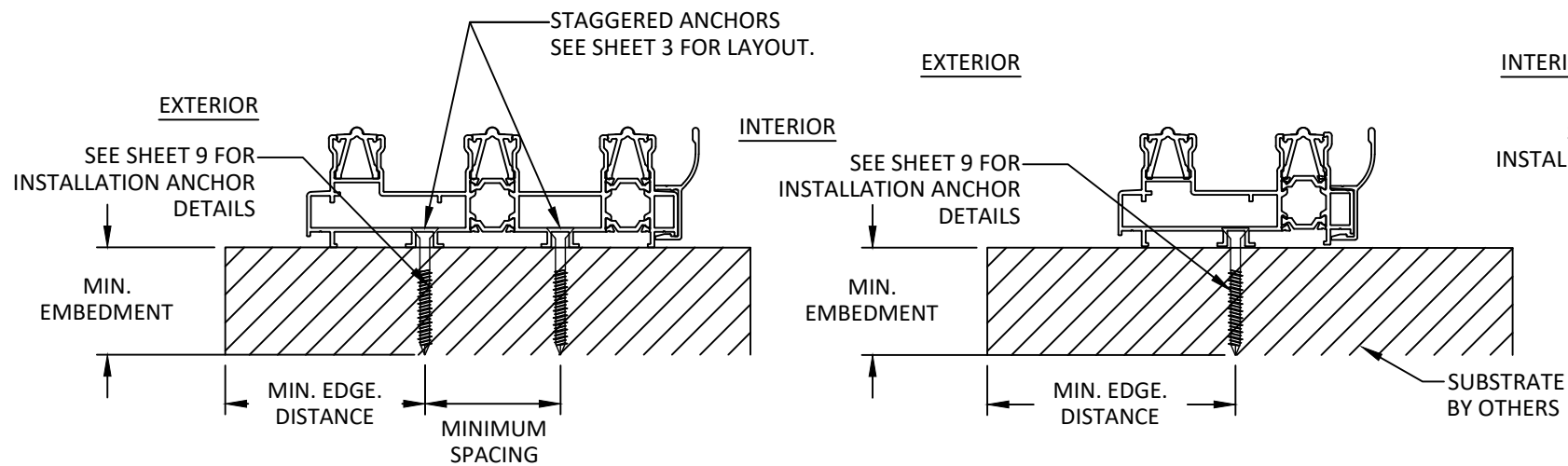


C
8 VERTICAL SECTION
 THROUGH FRAME INSTALLATION (SILL)
 OPTIONAL SUNKEN 3-TRACK INSTALLATION

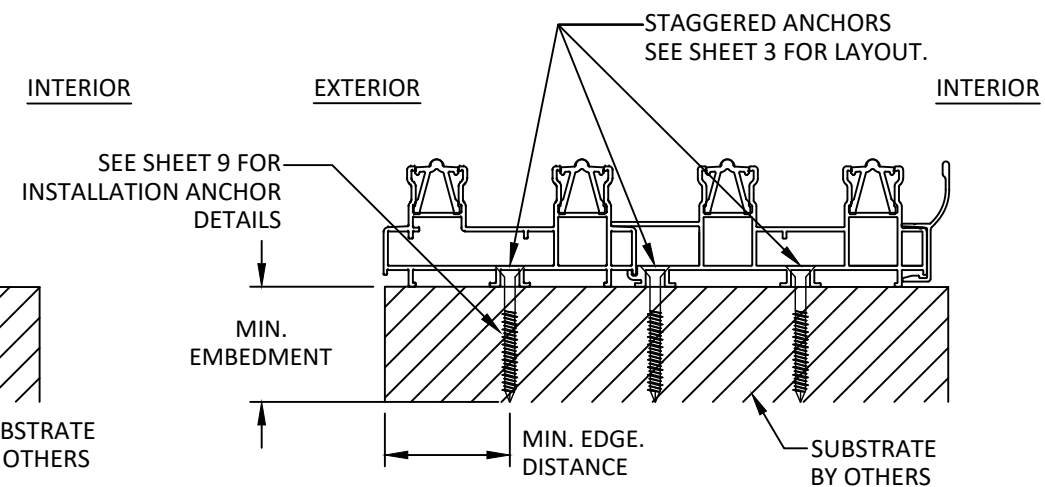
NOTE:
 1. 2 AND 3 TRACK FRAME INSTALLATION SHOWN, 4 AND 5 TRACK INST. SIMILAR
 2. THERMALLY BROKEN FRAME PROFILES SHOWN, NON-THERMALLY BROKEN FRAME PROFILES ARE ALSO QUALIFIED FOR THE SAME SIZES AND RATINGS, SEE BOM.



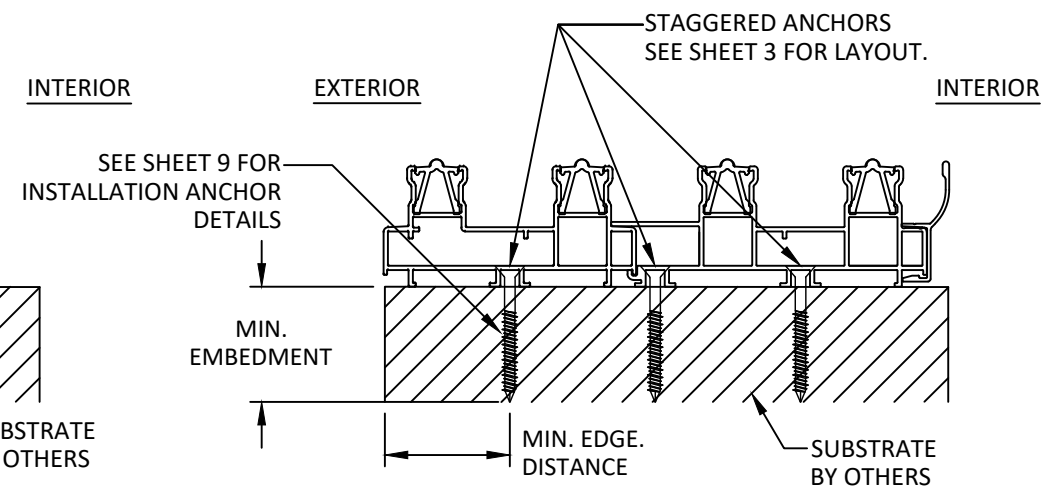
D
8 ANCHOR DETAIL
 THROUGH FRAME INSTALLATION (SILL)
 OPTIONAL SUNKEN 2-TRACK INSTALLATION



E
8 ANCHOR DETAIL
 THROUGH FRAME INSTALLATION (SILL)
 3 TRACKS



F
8 ANCHOR DETAIL
 THROUGH FRAME INSTALLATION (SILL)
 2 TRACKS



G
8 ANCHOR DETAIL
 THROUGH FRAME INSTALLATION (SILL)
 3 TRACKS WITH EXTENSION

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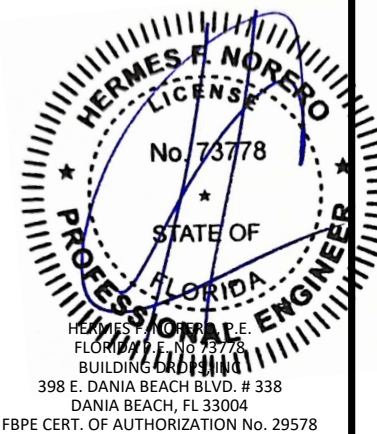
ANCHOR DETAILS

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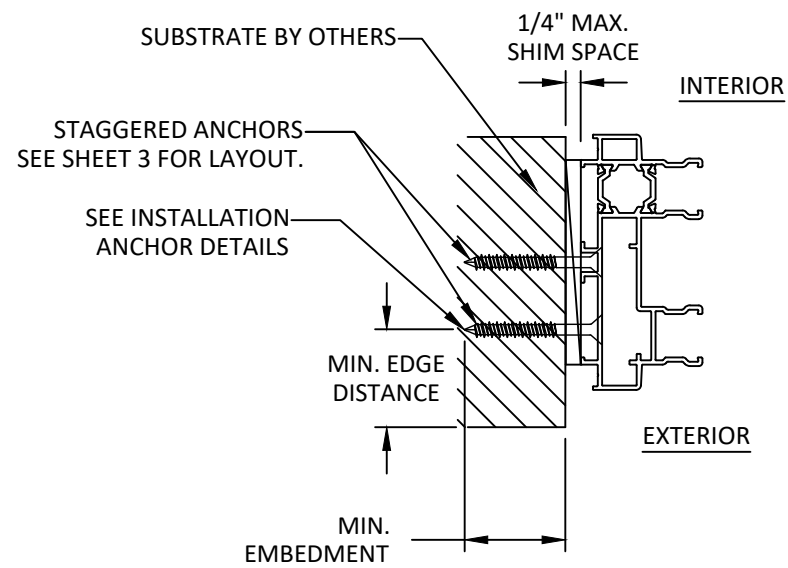
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DWG. BY: SH	CHK. BY: HFN
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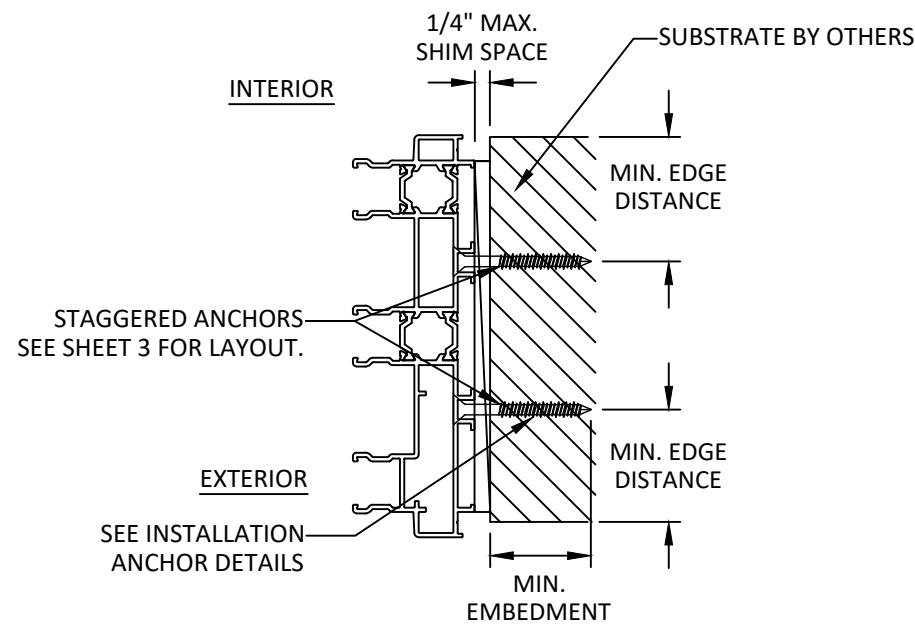
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DWG. #: **EWS033**

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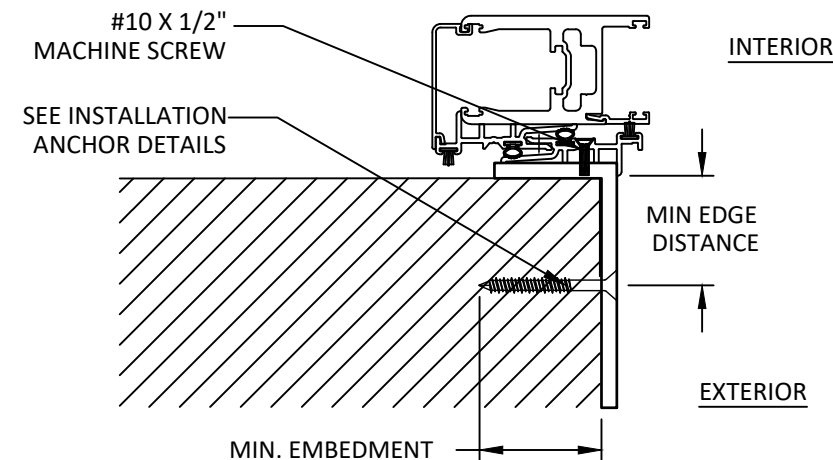
A
9 **ANCHOR DETAIL**
THROUGH FRAME (JAMB)
2 TRACK



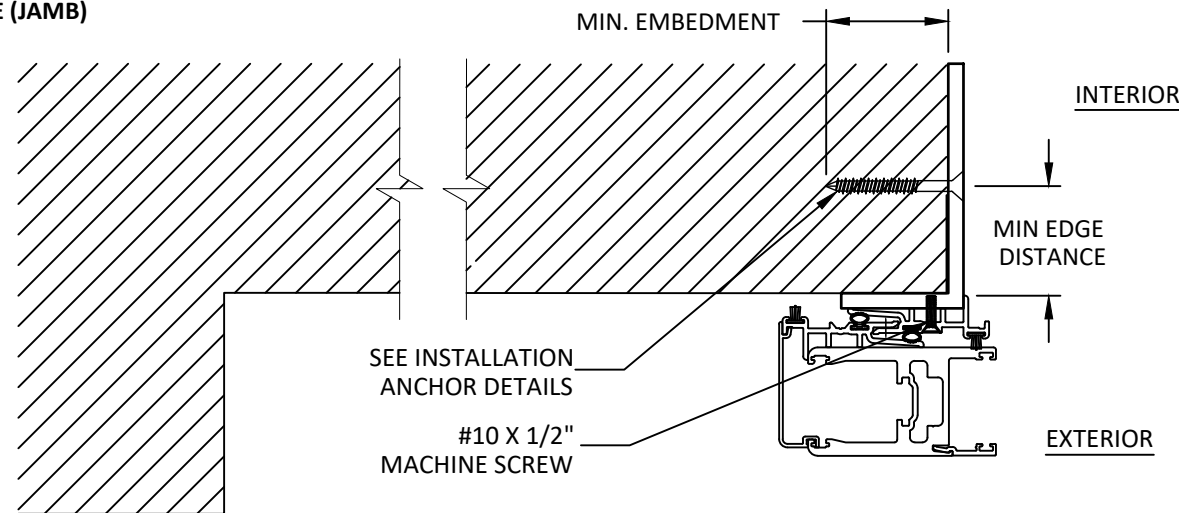
B
9 **ANCHOR DETAIL**
THROUGH FRAME (JAMB)
3 TRACK

THERMALLY BROKEN FRAME PROFILES SHOWN, NON-THERMALLY BROKEN FRAME PROFILES ARE ALSO QUALIFIED FOR THE SAME SIZES AND RATINGS, SEE BOM.

ANCHOR FOR WALL BRACKET AND FROM HOOK STRIP TO BRACKET TO BE LOCATED AT A MAXIMUM OF 4" FROM THE CORNER AND MAXIMUM OF 12" O.C. SPACING



C
9 **ANCHOR DETAIL**
INSIDE POCKET BRACKET INSTALLATION



NOTE: OUTSIDE POCKET CONDITION SHALL BE OPEN TO THE EXTERIOR. OUTSIDE POCKET SHALL NOT BE ENCLOSED. POCKET CONSTRUCTION DETAILS BY OTHERS.

D
9 **ANCHOR DETAIL**
OUTSIDE POCKET BRACKET INSTALLATION

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS SPECIFIED IN THE ANCHOR SCHEDULE. TWO (2) INSTALLATION ANCHORS AT THE JAMBS.
- 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 $\pm 1/2$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 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, 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

METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE	MIN. SPACING
THROUGH FRAME	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.5"	0.75"	2.50"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#12 SELF DRILLING OR SELF TAPPING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	
	METAL: 1/8" MIN. THICKNESS ALUMINUM MIN. 6063-T5				
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.25"	2.00"	
	MASONRY: CMU per ASTM C90	1/4" ITW TAPCON	1.25"	2.00"	

euro-wall
SUPERIOR BY DESIGN

EURO-WALL, LLC
24100 TISEO BOULEVARD
PORT CHARLOTTE, FL 33980
PH: 888-989-3876

TITLE: MS MULTI-SLIDE SYSTEM (NON-HVHZ)(NON-IMPACT)
INSTALLATION NOTES, ANCHOR DETAILS, & ANCHOR SCHEDULE

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
COMPANY NAME UPD.	SH	9/23

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FL #: **FL34003**

DATE: **04.26.23**

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

SCALE: **NTS**

DWG. #: **EWS033**

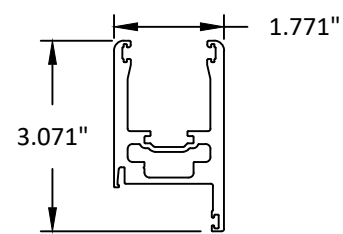
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9

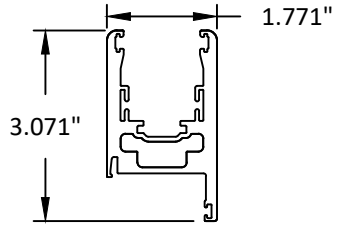
BILL OF MATERIALS

NO	PART #	DESCRIPTION	MATERIAL
1	MS-SASH	SASH RAIL/STILE	6061-T5
1A	MS-SASH	OPTIONAL SASH RAIL/STILE	6061-T5
2	E0117-A	2 TRACK JAMB/HEAD/SILL (THERMAL)	6063-T5/POLYAMIDE
3	E0118-A	3 TRACK JAMB/HEAD/SILL (THERMAL)	6063-T5/POLYAMIDE
2A	E0117-B	2 TRACK JAMB/HEAD/SILL (NON THERMAL)	6063-T5
3A	E0118-B	3 TRACK JAMB/HEAD/SILL (NON THERMAL)	6063-T5
4	MS-SB	SNAP TRACK	6063-T5
5	MS-SC	SASH END CAP	6063-T5
6	MS-DC	DRAIN COVER	POLYIMIDE
7	MS-ILP	POCKET INTERLOCK	6063-T5
8	MS-CON	CONDENSATION ACC	6063-T5
9	MS-SI	SASH/STILE INTERLOCK	6063-T5
10	CD-ASTRAGAL	OUTSIDE CORNER DOOR ASTRAGAL SASH/STILE	6063-T5
11	MS-RWS	ROUND WEATHERSTRIP	POLYMER
12	MS-JHT	JAMB/ HEADER TRIM	6063-T5
13	MS-AST	ASTRAGAL	6063-T5
14	MS-GB	GLAZING BEAD	6063-T5
15	MS-RL1	ROLLER 1	KEVLAR/SS/STEEL
16	MS-RL2	ROLLER 2	KEVLAR/SS/STEEL
17	MS-GG	GLAZING GASKET	EPDM
18	MS-TWS	T-SLOT SWEEP	POLYMER
21	MS-REDUCER	REDUCER BAR	6063-T5
22	MS-PAWL-CAT	SMALL PAWL CATCHER	S/S STEEL
23	MS-LOCK	LOCKING LEVER (DEBAR)	STEEL
24	MS-PAWL	PAWL	S/S STEEL
25	CD AST BAR	9/16" GLAZING GASKET	EPDM
26	E0094-E	MS 1 PIECE ASTRAGAL	6063-T5
27	E0097-A	STEEL BAR .625"x 3.5"	STEEL
28	-	ASTRAGAL REINFORCEMENT	STEEL
29	-	LARGE PAWL CATCHER	STEEL
30	E0093-A	MS 9-16 BEAD	6063-T5
31	E0119-A	4 TRACK JAMB/HEAD/SILL (THERMAL)	6063-T5/POLYAMIDE
32	E0120-A	5 TRACK JAMB/HEAD/SILL (THERMAL)	6063-T5/POLYAMIDE
33	E0167-A	2 TRACK JAMB/HEAD/SILL (ADD-ON)	6063-T5
34	CD-ASTRAGAL	INSIDE CORNER DOOR ASTRAGAL SASH/STILE	6063-T5

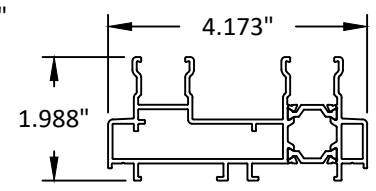
1 SASH RAIL/STILE
6061-T5



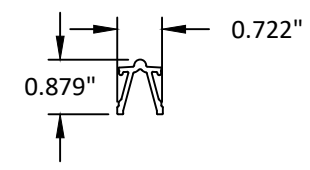
1A OPTIONAL SASH RAIL/STILE
6061-T5



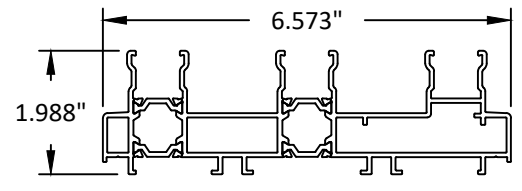
2 2 TRACK JAMB/HEAD/SILL
6063-T5/POLYAMIDE



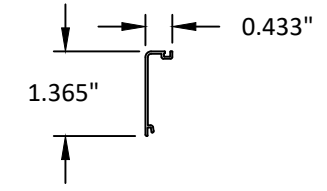
4 SNAP TRACK
6063-T5



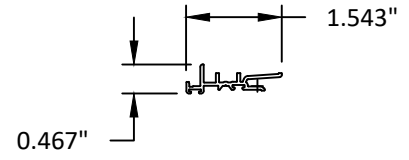
3 3 TRACK JAMB/HEAD/SILL
6063-T5/POLYAMIDE



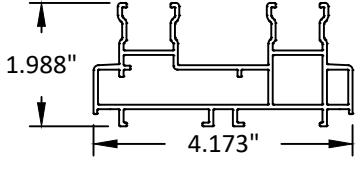
5 SASH END CAP
6063-T5



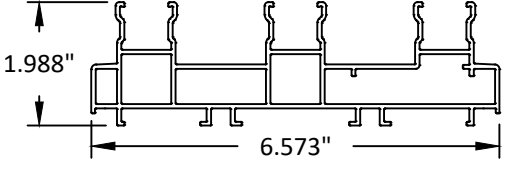
7 POCKET INTERLOCK
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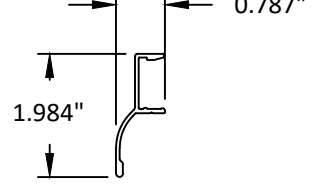
2A 2 TRACK JAMB/HEAD/SILL
6063-T5



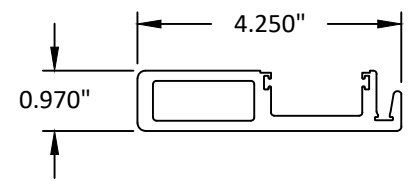
3A 3 TRACK JAMB/HEAD/SILL
6063-T5



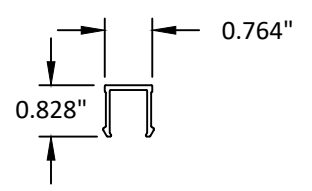
8 CONDENSATION ACC
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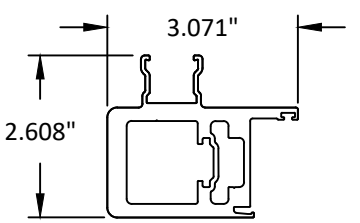
9 SASH/STILE INTERLOCK
6063-T5



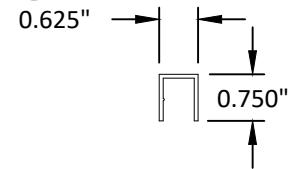
12 JAMB/HEADER TRIM
6063-T5



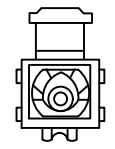
10 OUTSIDE CORNER ASTRAGAL STILE/SASH
6063-T5



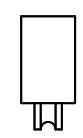
14 MS-REDUCER
6063-T5



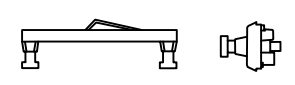
15 ROLLER 1
KEVLAR/STEEL



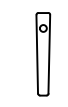
16 ROLLER 2
KEVLAR/STEEL



22 PAWL CATCHER
S/S STEEL



23 LOCKING LEVER
STEEL



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SUPERIOR BY DESIGN

EURO-WALL, LLC
24100 TISEO BOULEVARD
PORT CHARLOTTE, FL 33980
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TITLE: MS MULTI-SLIDE SYSTEM (NON-HVHZ)(NON-IMPACT)
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HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL34003**

DATE: **04.26.23**

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

DWG. #: **EWS033**

SHEET: **10** OF 11

