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EURO-WALL, LLC

MS-MULTISLIDE SYSTEM - PG70

(HVHZ) (IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E283-19
 - ASTM E330-14
 - ASTM E547-00(16)
 - ASTM F842-17
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- 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.
- 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 NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: *EXTRUDED ALUMINUM (6063-T5)*.
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
- DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM COMPONENTS SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.

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

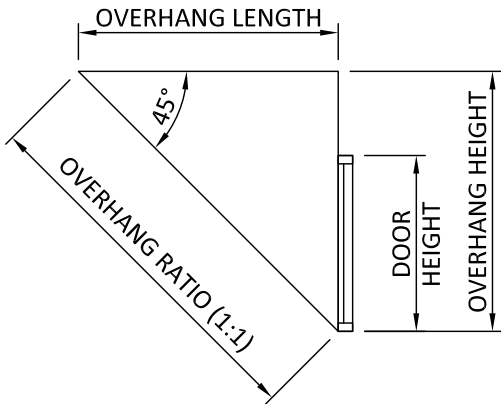
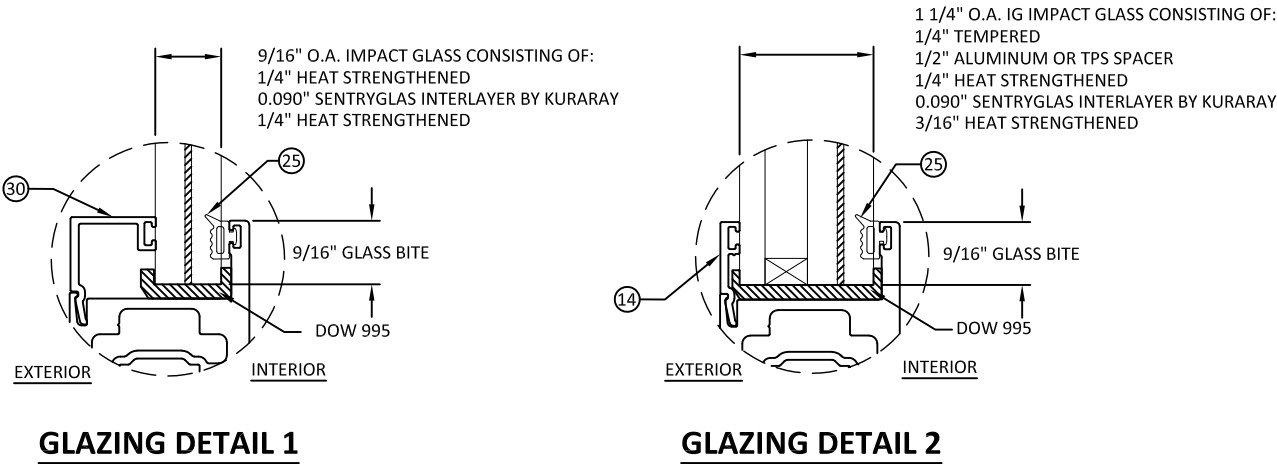


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8	ANCHOR DETAILS
9	INSTALLATION NOTES, ANCHOR DETAILS, & ANCHOR SCHEDULE
10	BILL OF MATERIALS & COMPONENTS
11	COMPONENTS

DESIGN PRESSURE RATING			
MAX. UNIT DIMENSIONS	DESIGN PRESSURE	WATER TEST PRESSURE	MISSILE IMPACT RATING
SEE SHEET 4		10.65 PSF	LARGE & SMALL MISSILE IMPACT



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

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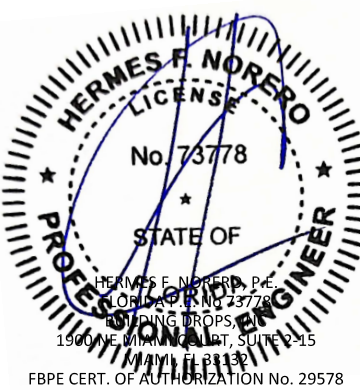
TITLE: MS MULTI-SLIDE SYSTEM - PG70
(HVHZ) (IMPACT)
GENERAL NOTES &
GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
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FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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FL #:

FL34003

DATE: **04.22.25**

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

SCALE: **NTS**

DWG. #: **EWS051**

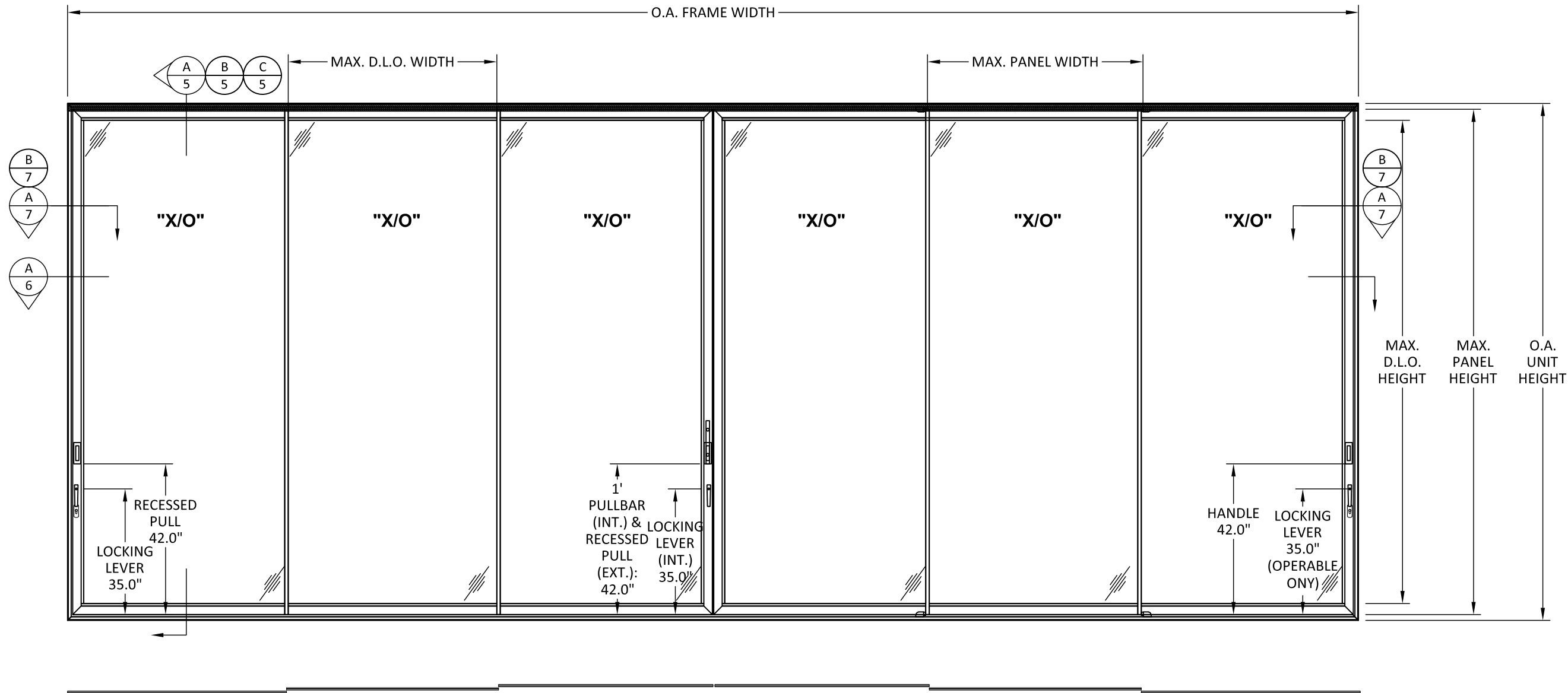
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TYPICAL ELEVATION
SLIDING GLASS DOOR

- 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"



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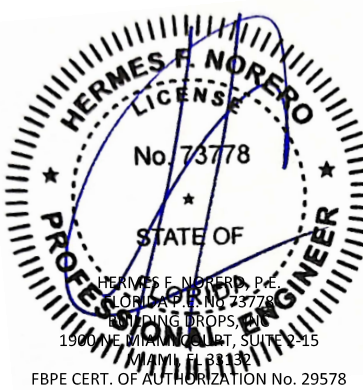
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ELEVATION

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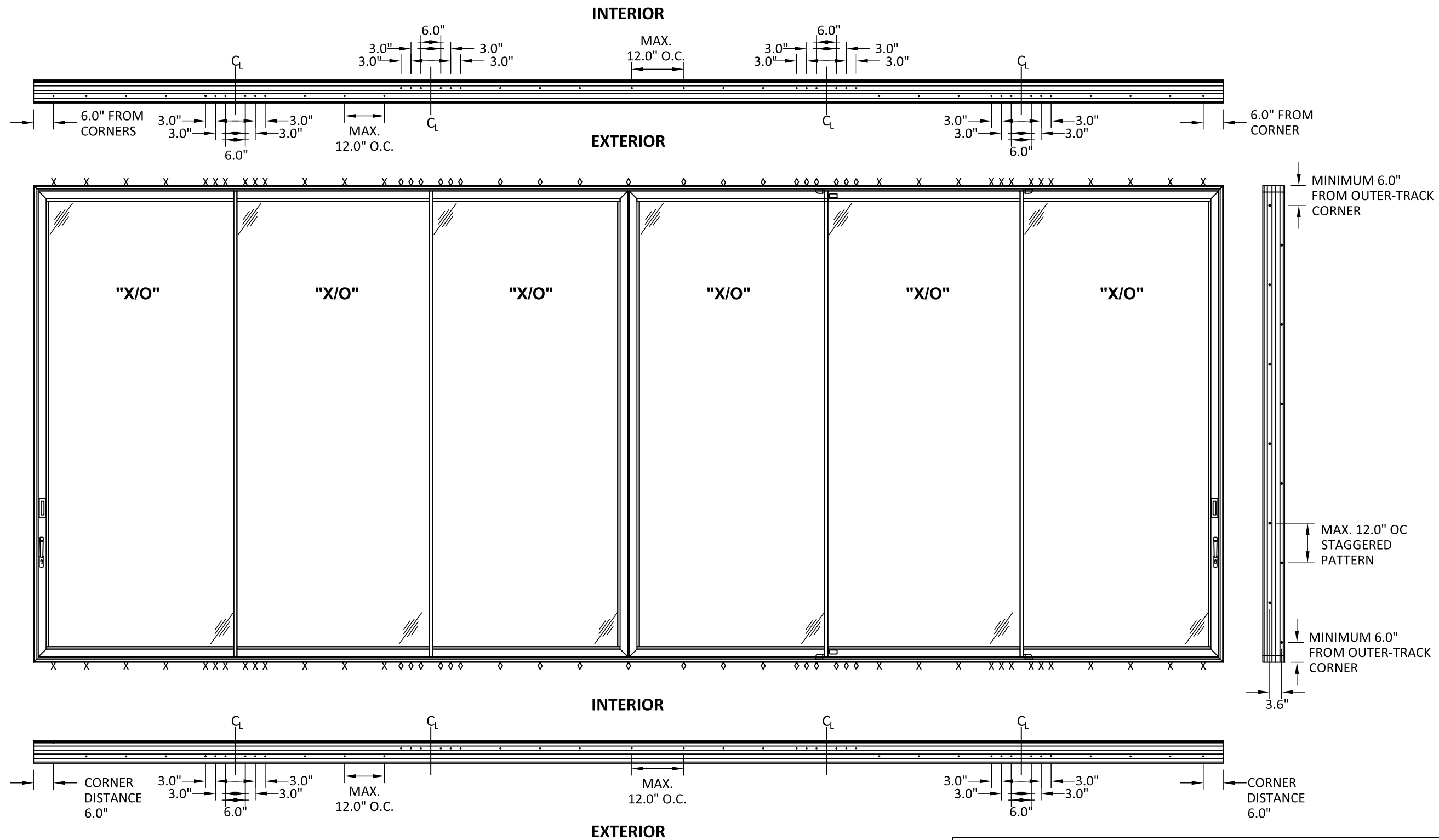
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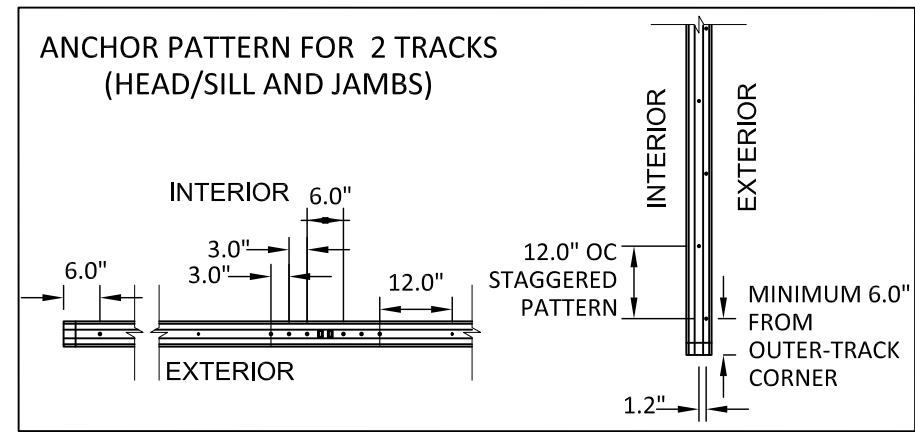


X = ANCHORS LOCATED ON THE EXTERIOR TRACK
◇ = ANCHORS LOCATED ON THE INTERIOR TRACK

POCKET INSTALLATION NOTES:
1) ANCHORS FROM WALL BRACKET AND FROM HOOK STRIP TO BRACKET SHALL BE PLACED AT 4\"/>

ANCHOR LAYOUT

SLIDING GLASS DOOR



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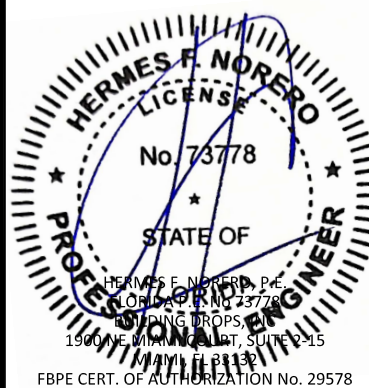
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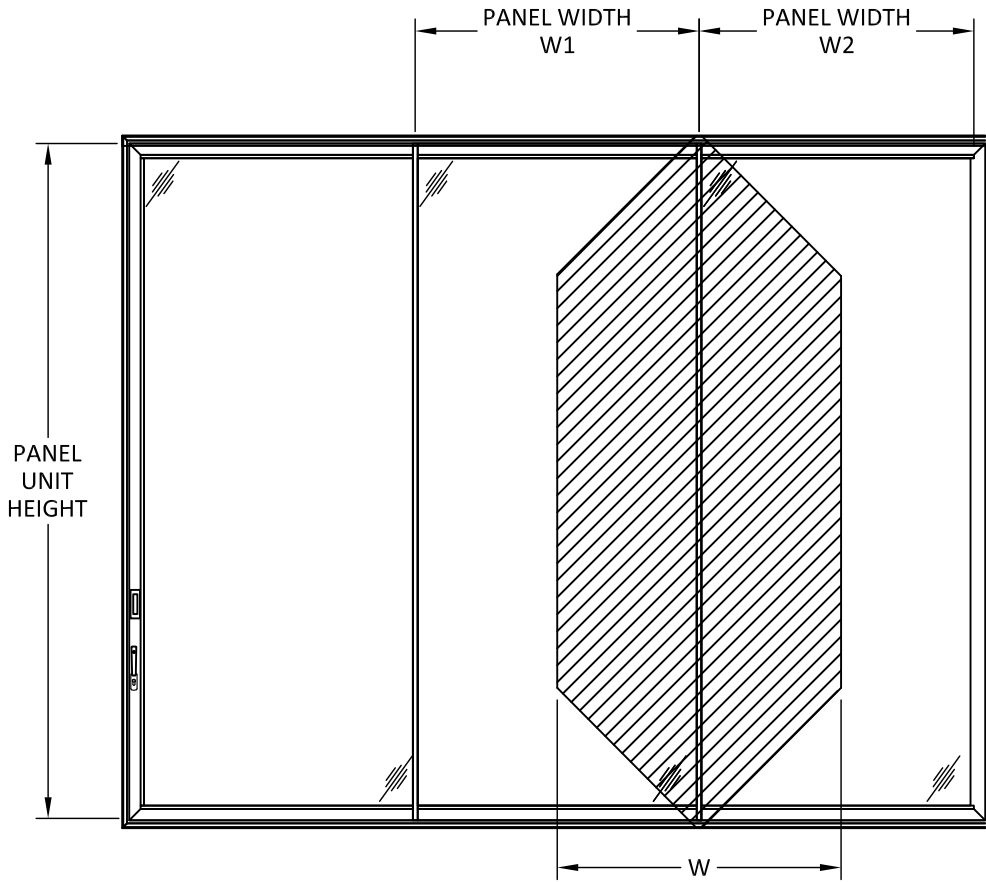
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$$\text{TRIBUTARY WIDTH}(W) = (W1+W2)/2$$

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

NOTE
1) MAXIMUM FRAME AREA = 628 SQUARE FEET.

DESIGN PRESSURE TABLE (+/-PSF)

FRAME HEIGHT (INCHES)	TRIBUTARY WIDTH (INCHES)										
		42	48	54	60	66	72	78	84	90	96
	90	70.0	70.0	70.0	70.0	63.4	58.0	53.4	49.6	46.5	44.1
	96	70.0	70.0	70.0	70.0	63.4	58.0	53.4	49.5	46.2	-
	102	70.0	70.0	70.0	70.0	63.4	58.0	53.4	49.5	-	-
	108	70.0	70.0	70.0	70.0	63.4	58.0	53.4	-	-	-
	114	70.0	70.0	70.0	70.0	63.4	58.0	-	-	-	-
	120	70.0	70.0	70.0	70.0	63.4	58.0	-	-	-	-
	126	70.0	70.0	70.0	70.0	63.4	-	-	-	-	-
	132	70.0	70.0	70.0	70.0	-	-	-	-	-	-
	138	70.0	70.0	70.0	70.0	-	-	-	-	-	-
	144	70.0	70.0	70.0	70.0	-	-	-	-	-	-

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TITLE:
MS MULTI-SLIDE SYSTEM - PG70
(HVHZ) (IMPACT)

DESIGN PRESSURE TABLES

PREPARED BY:

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SCALE: NTS

DWG. #: EWS051

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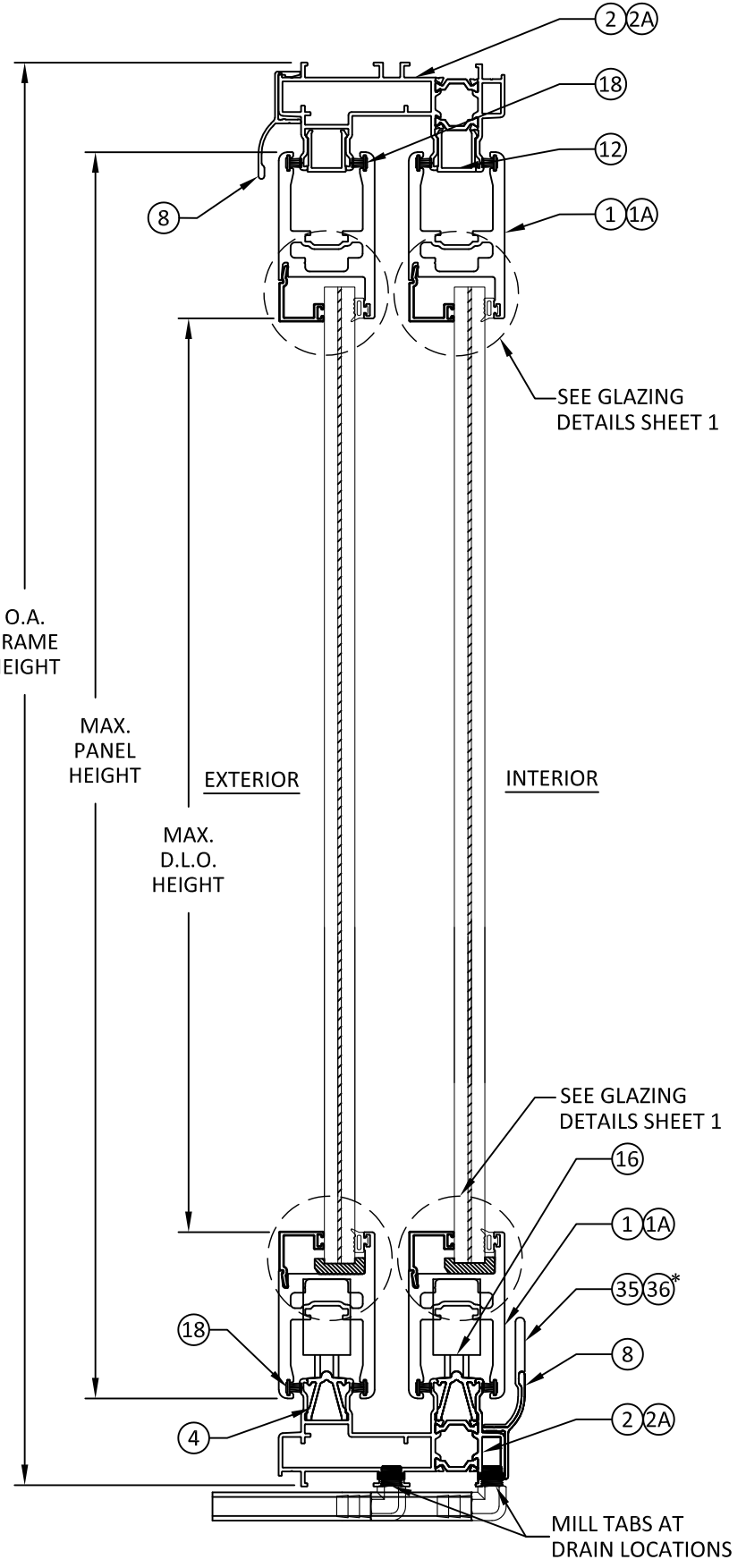
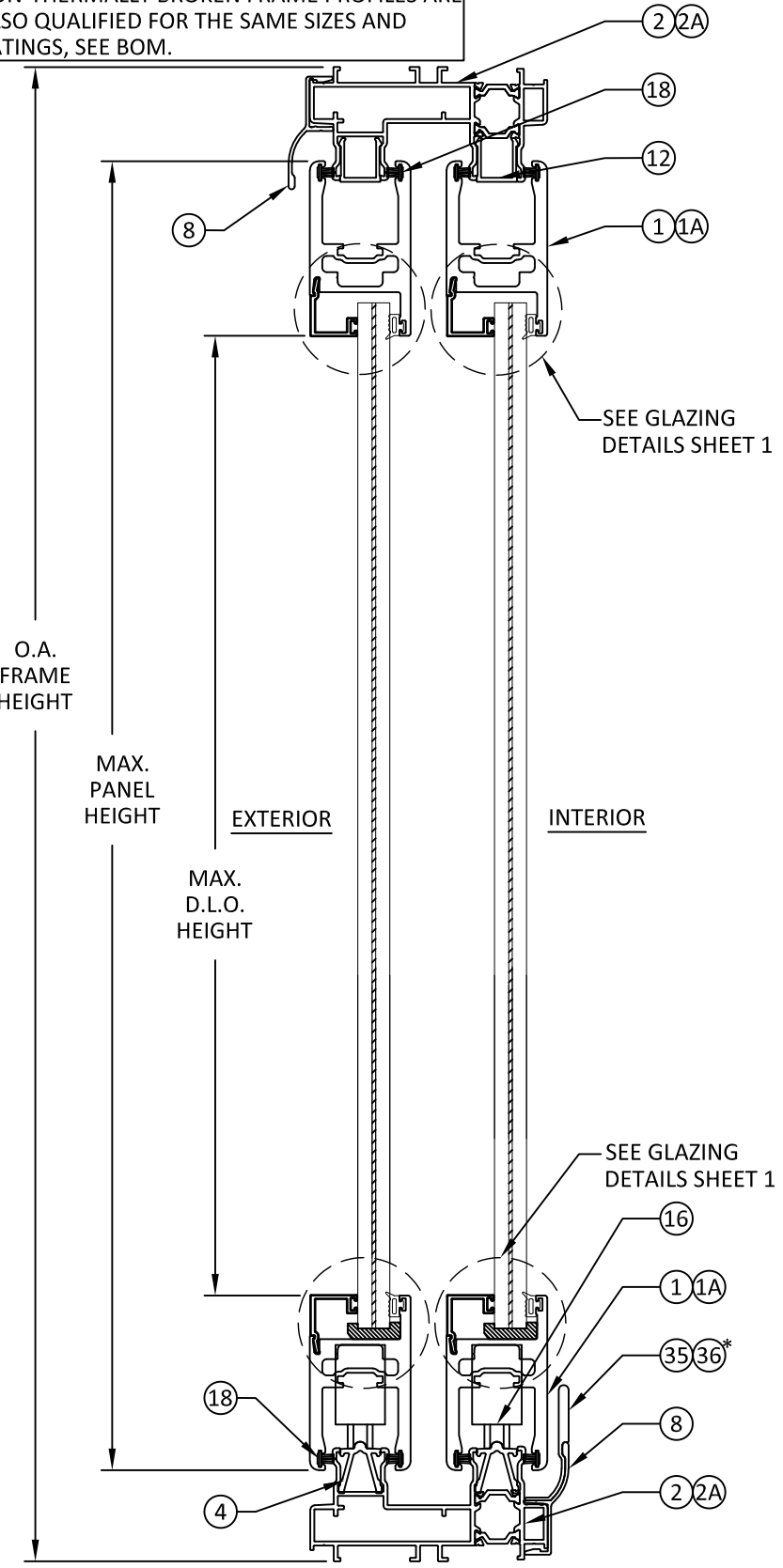
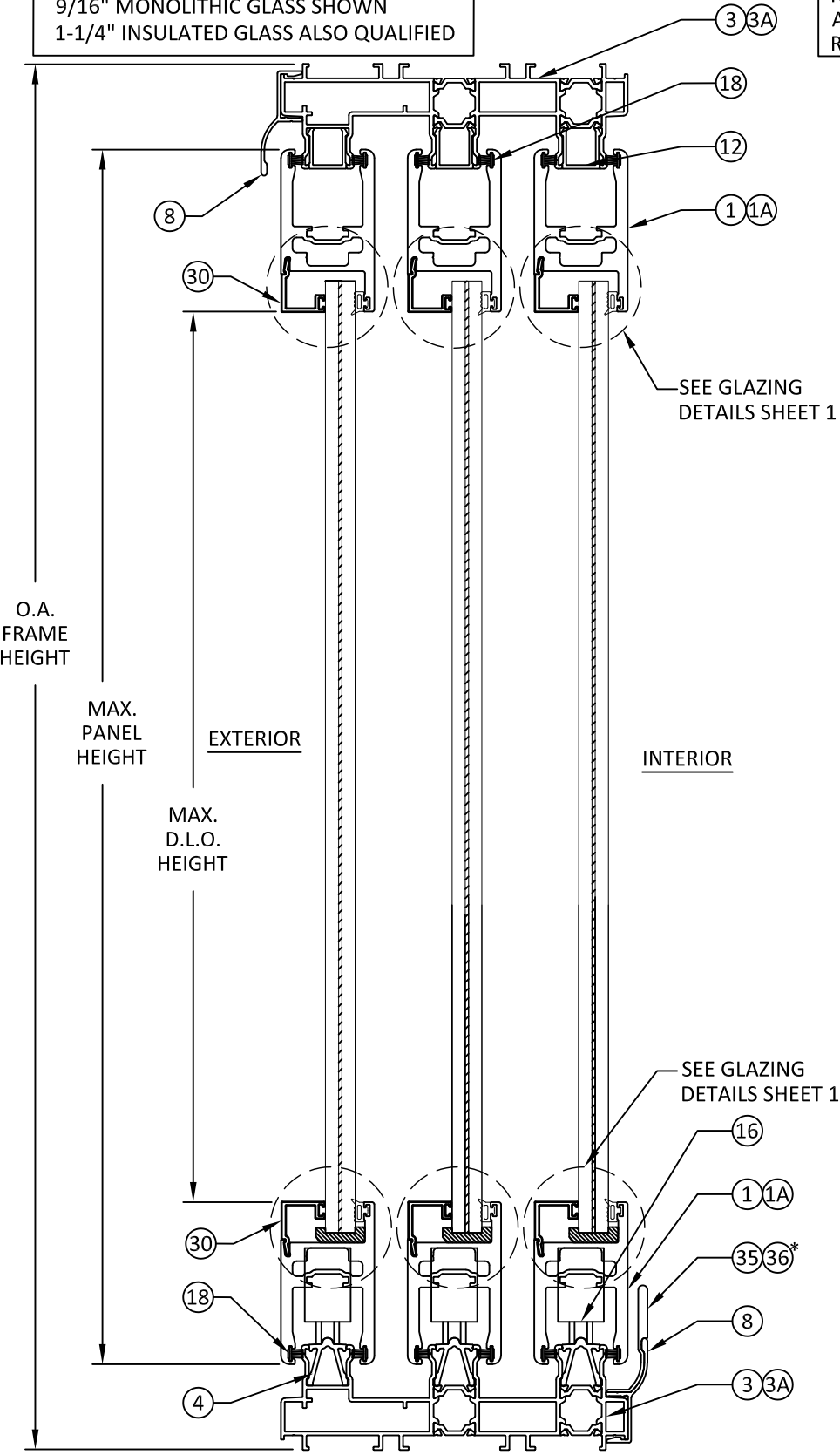
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*NOTE:
9/16" MONOLITHIC GLASS SHOWN
1-1/4" INSULATED GLASS ALSO QUALIFIED

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



* SEE BOM FOR ALTERNATE
SILL RISER OPTION #36.

A
5
VERTICAL SECTION
SLIDING GLASS DOOR
3 TRACKS

B
5
VERTICAL SECTION
SLIDING GLASS DOOR
2 TRACKS

C
5
VERTICAL SECTION
SLIDING GLASS DOOR
OPTIONAL SUNKEN SILL
2 TRACKS SHOWN, 3 & 4 TRACKS QUALIFIED

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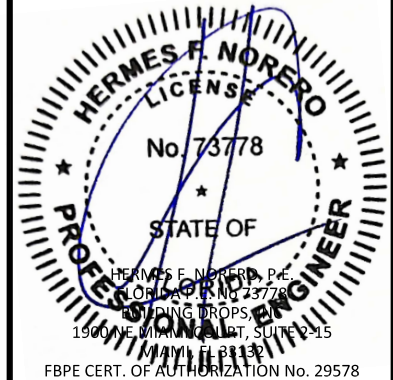
TITLE: MS MULTI-SLIDE SYSTEM - PG70
(HVHZ) (IMPACT)
VERTICAL SECTIONS

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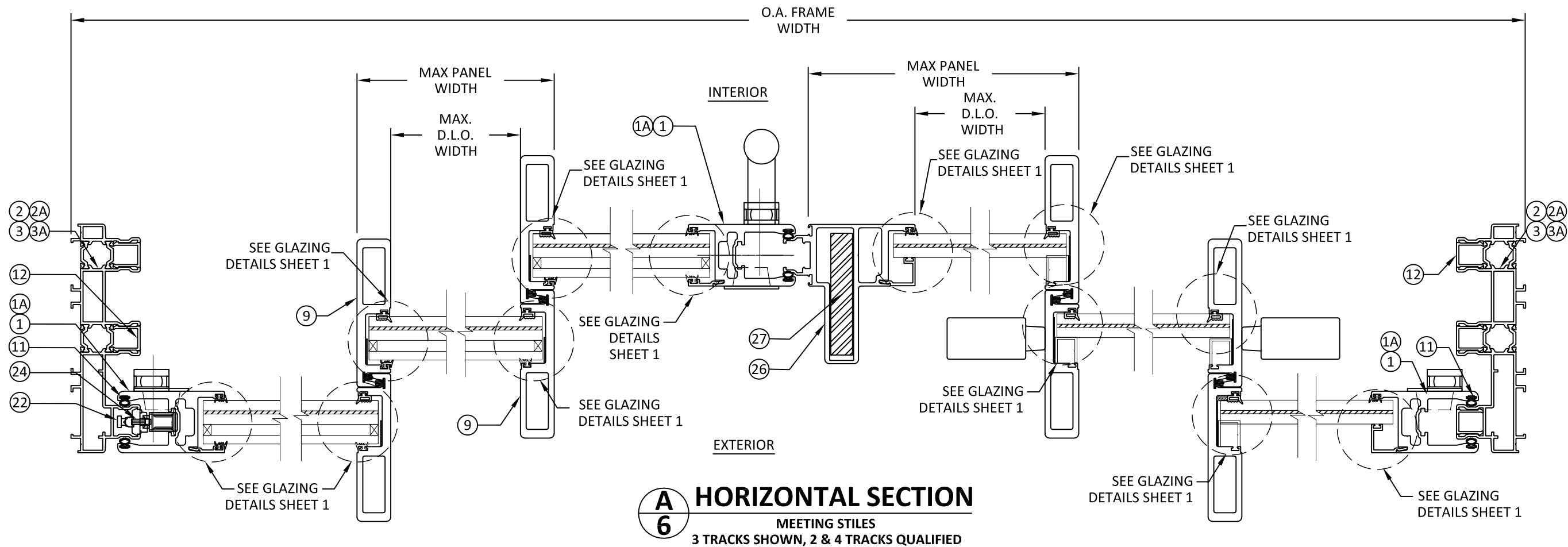
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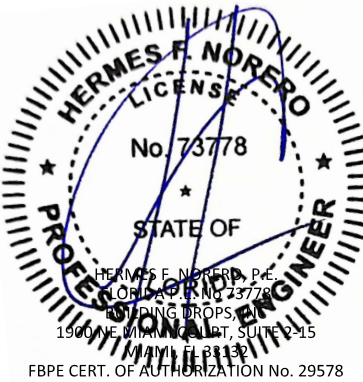
HORIZONTAL SECTIONS

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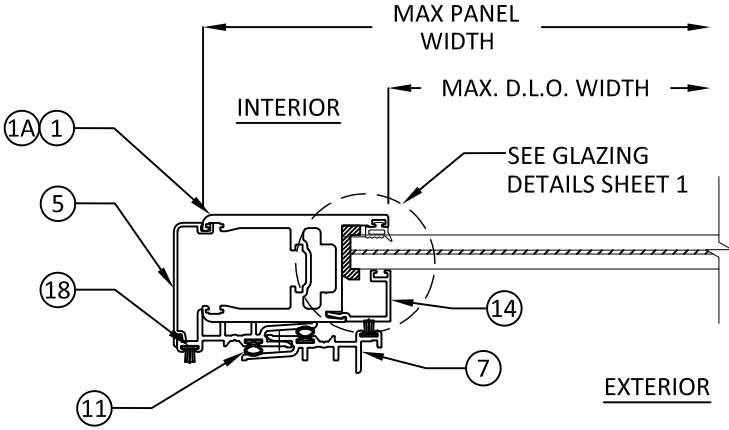
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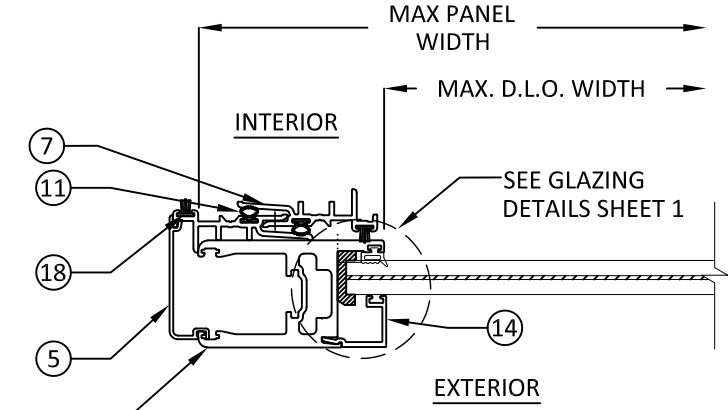
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OF 11



A HORIZONTAL SECTION
7 INSIDE POCKET WALL



B HORIZONTAL SECTION
7 OUTSIDE POCKET WALL



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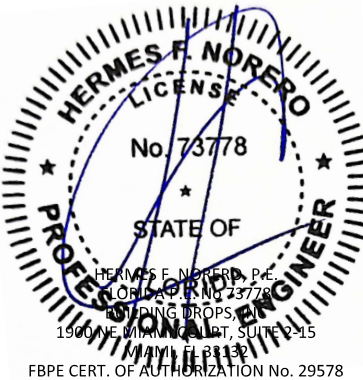
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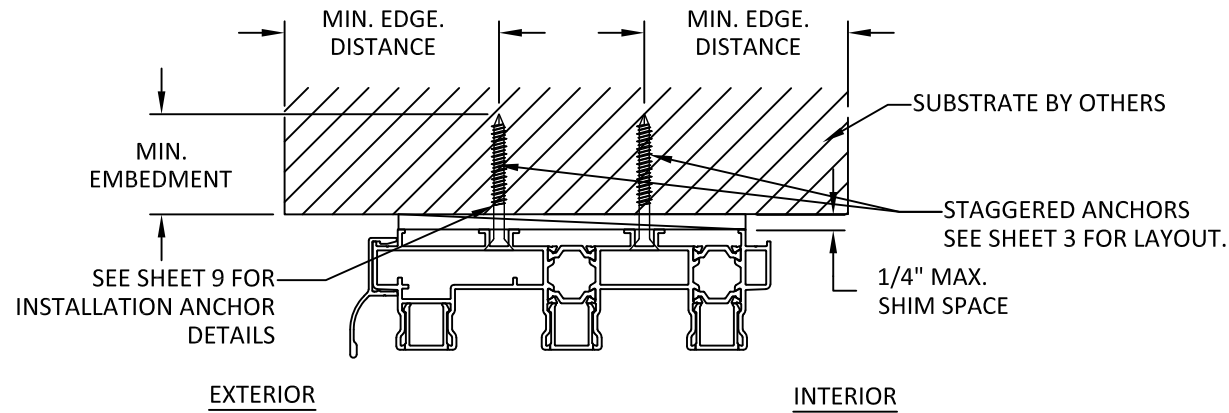
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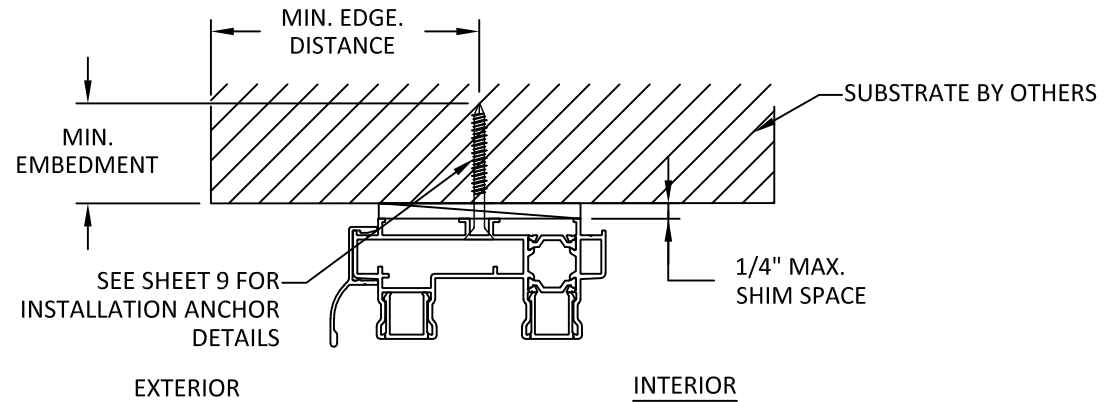
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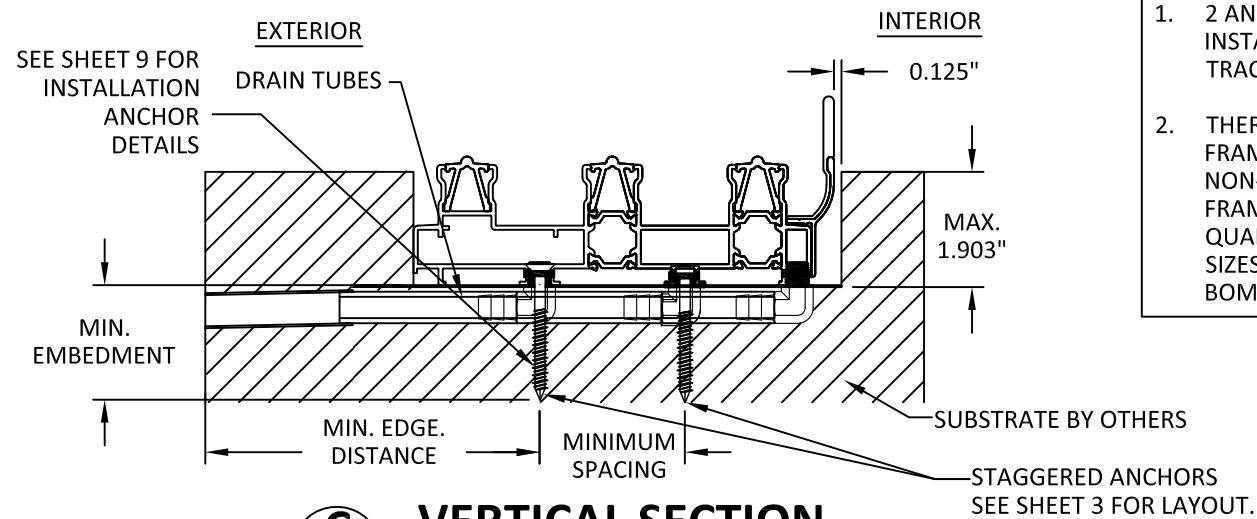
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A
8 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION (HEAD)
3 TRACKS SHOWN, 4 TRACKS SIMILAR



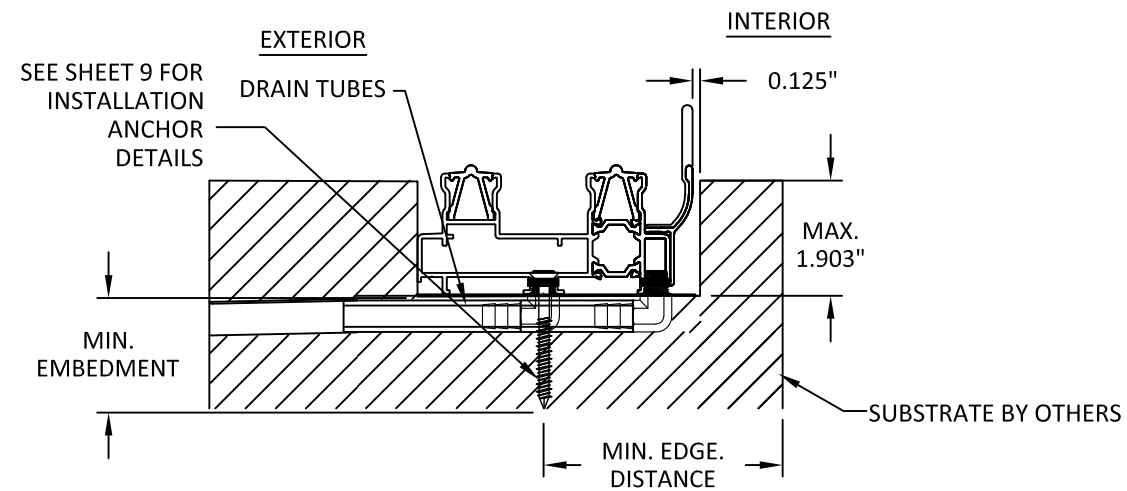
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8 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION (HEAD)
2 TRACKS



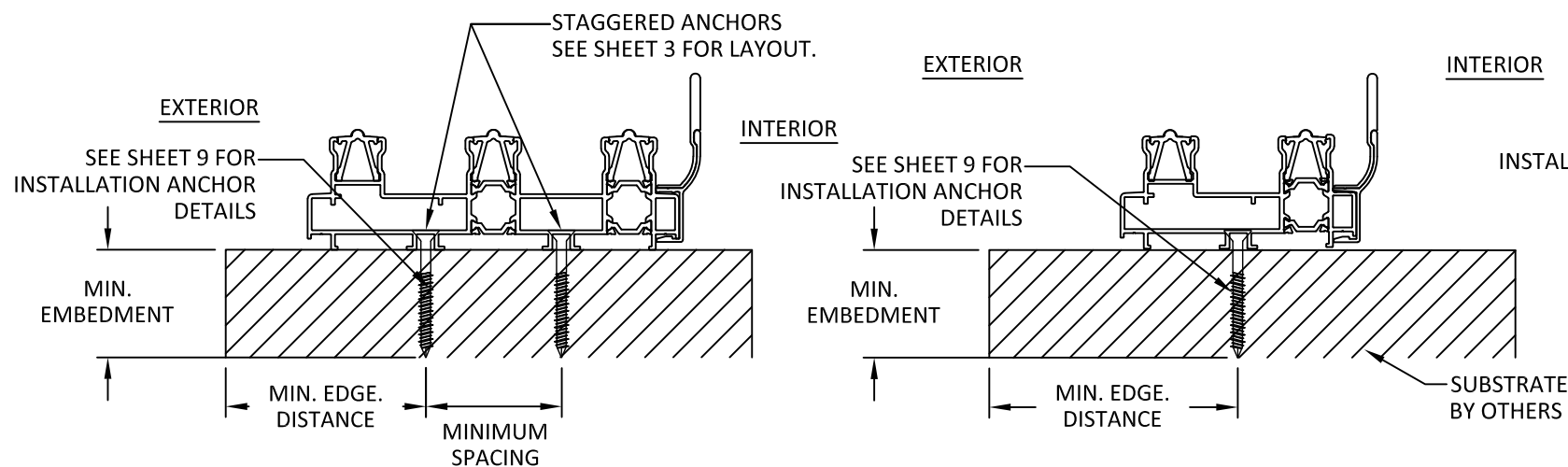
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8 **VERTICAL SECTION**
THROUGH FRAME INSTALLATION (SILL)
OPTIONAL SUNKEN 3-TRACK INSTALLATION
3 TRACKS SHOWN, 4 TRACKS SIMILAR

NOTE:

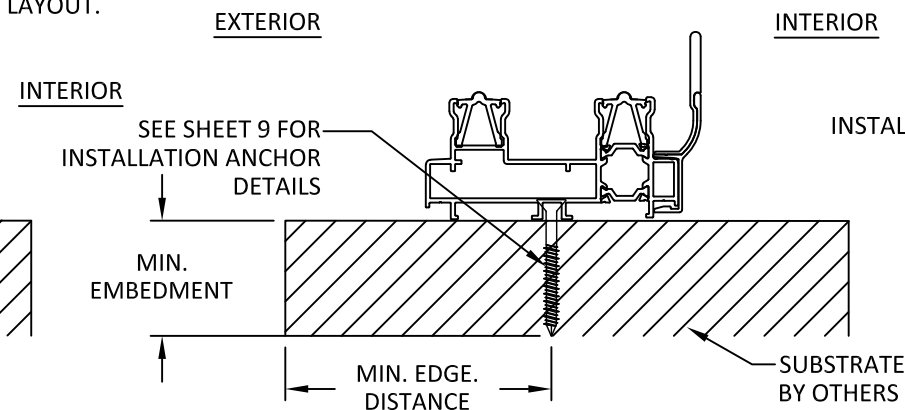
- 2 AND 3 TRACK FRAME INSTALLATION SHOWN, 4 TRACK INST. SIMILAR
- THERMALLY BROKEN FRAME PROFILES SHOWN, NON-THERMALLY BROKEN FRAME PROFILES ARE ALSO QUALIFIED FOR THE SAME SIZES AND RATINGS, SEE BOM.



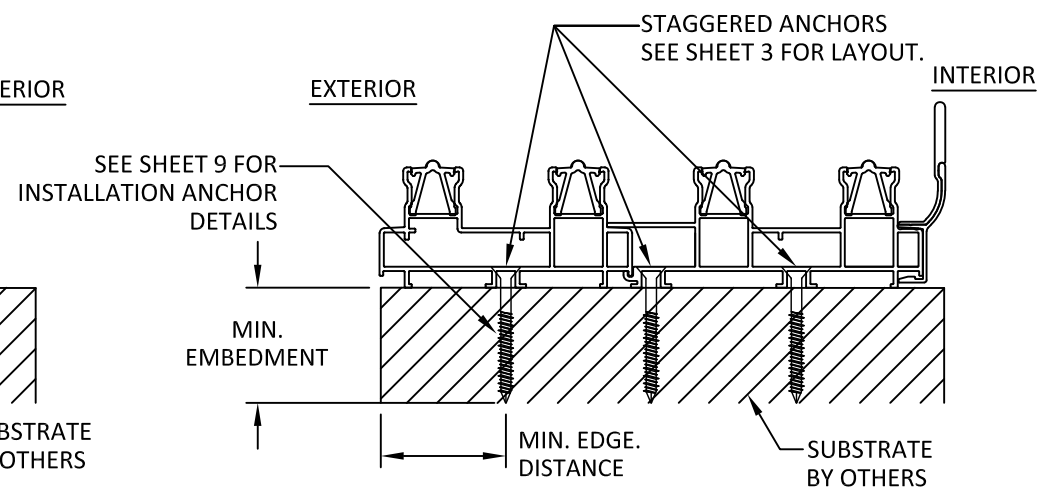
D
8 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION (SILL)
OPTIONAL SUNKEN 2-TRACK INSTALLATION



E
8 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION (SILL)
3 TRACKS SHOWN, 4 TRACKS SIMILAR



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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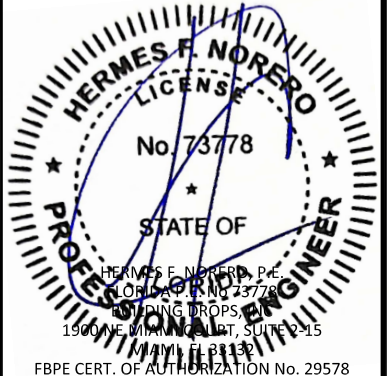
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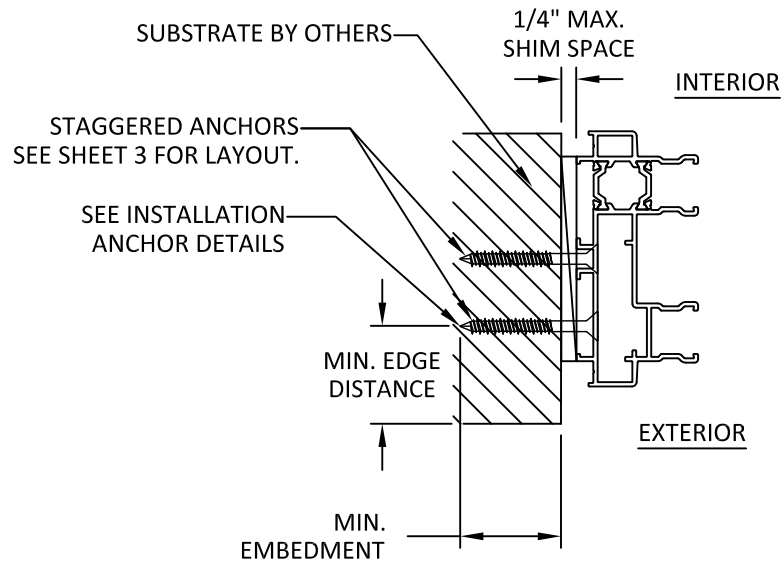
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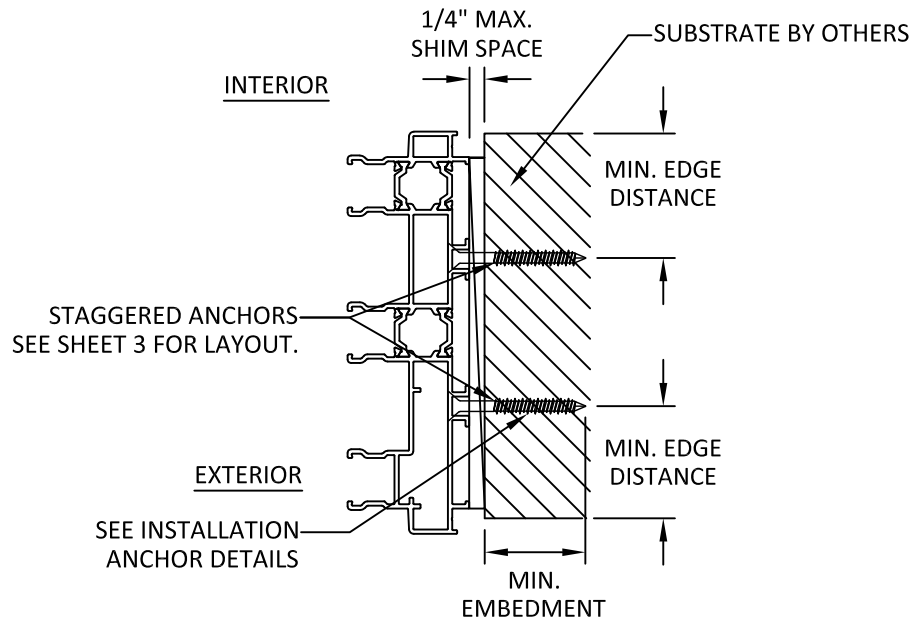
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DWG. #:	EW5051
SHEET:	8

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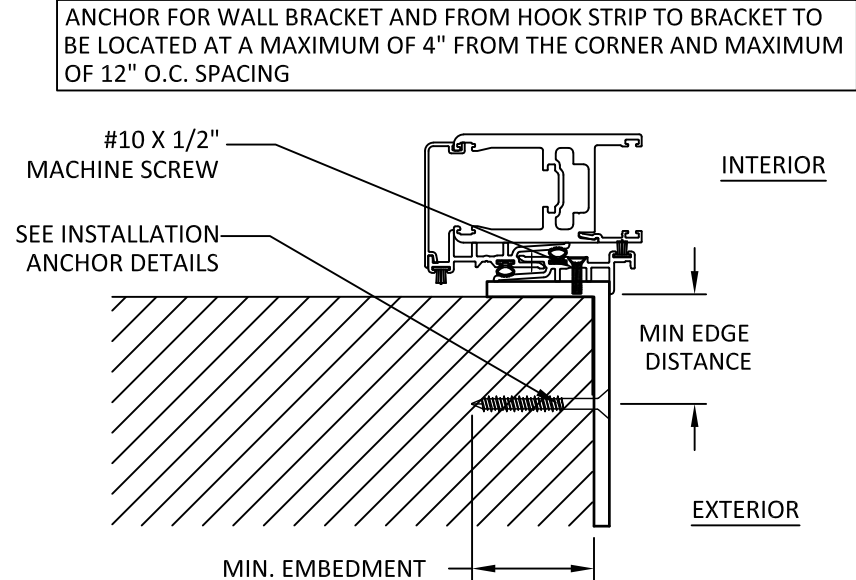


A
9 **ANCHOR DETAIL**
THROUGH FRAME (JAMB)
2 TRACKS

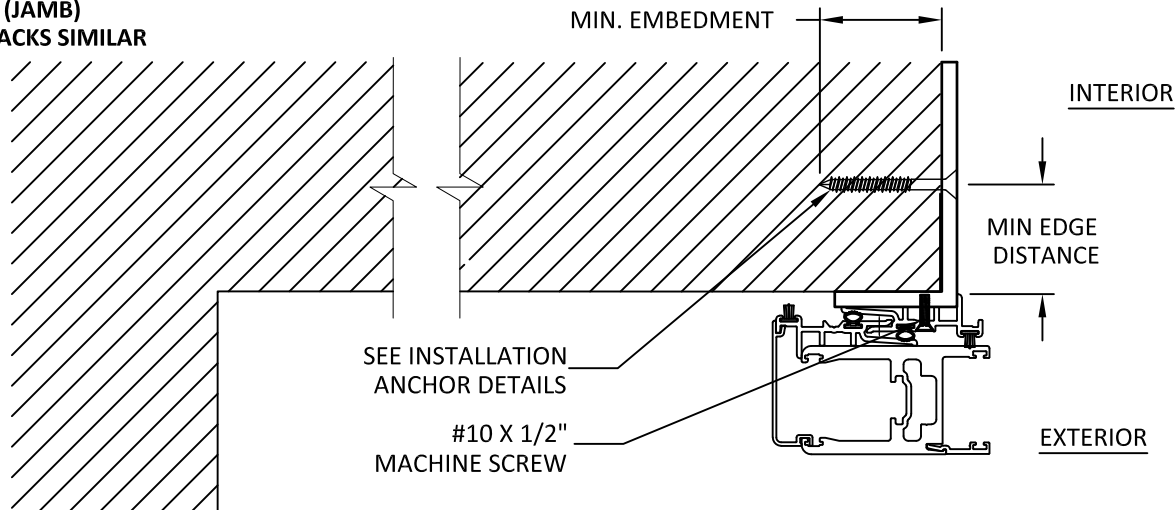


B
9 **ANCHOR DETAIL**
THROUGH FRAME (JAMB)
3 TRACKS SHOWN, 4 TRACKS SIMILAR

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



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



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

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

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"	

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NORTH PORT, FL 34290
PH: 888-989-3876

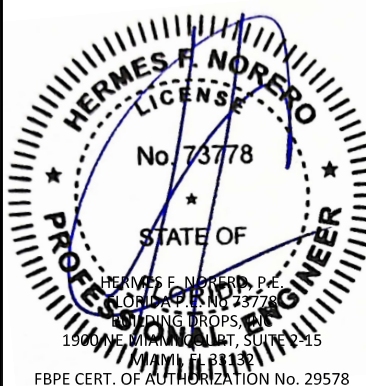
TITLE: MS MULTI-SLIDE SYSTEM - PG70
(HVHZ) (IMPACT)
INSTALLATION NOTES, ANCHOR DETAILS,
& ANCHOR SCHEDULE

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

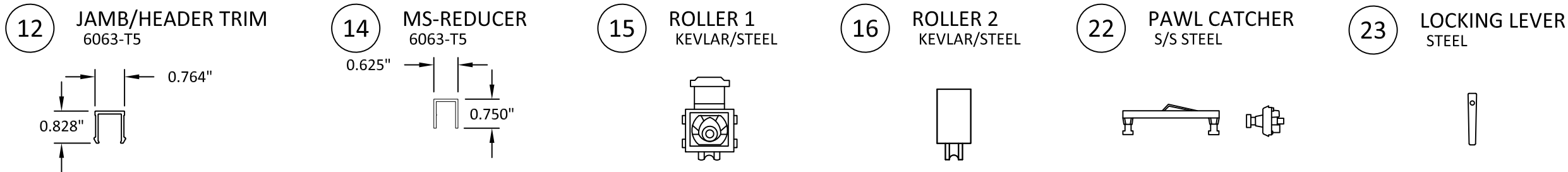
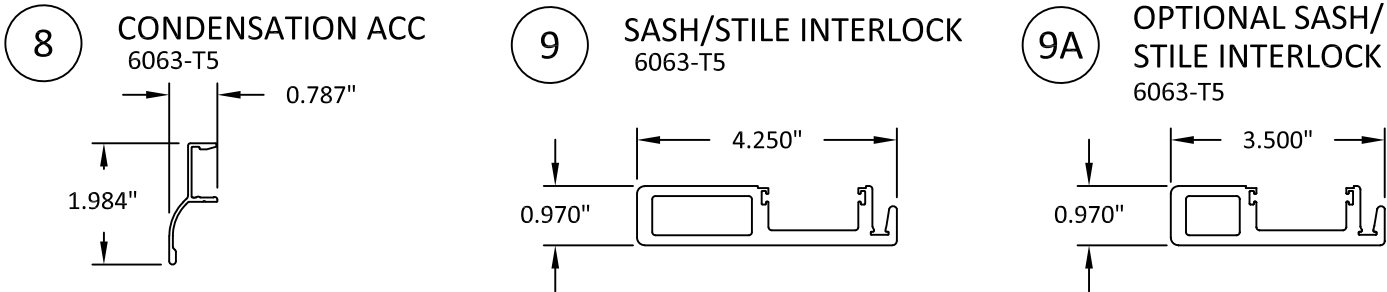
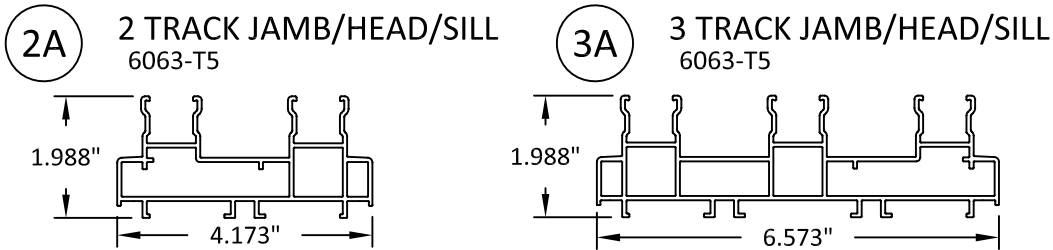
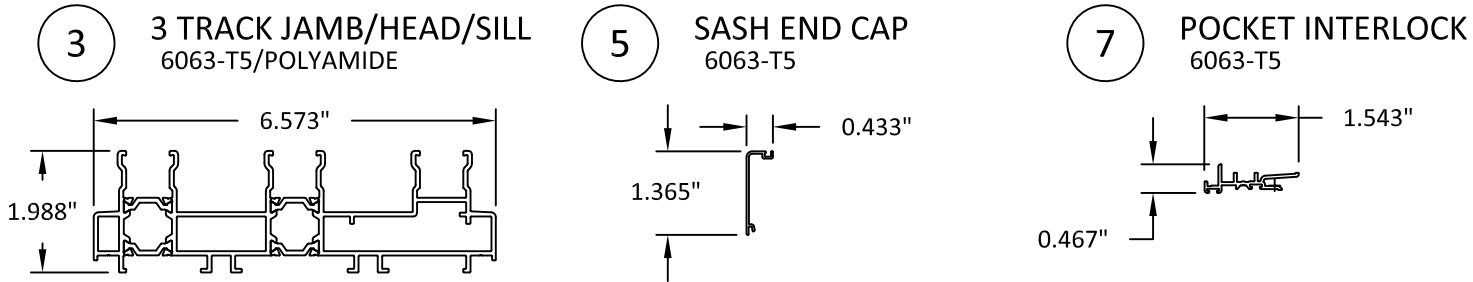
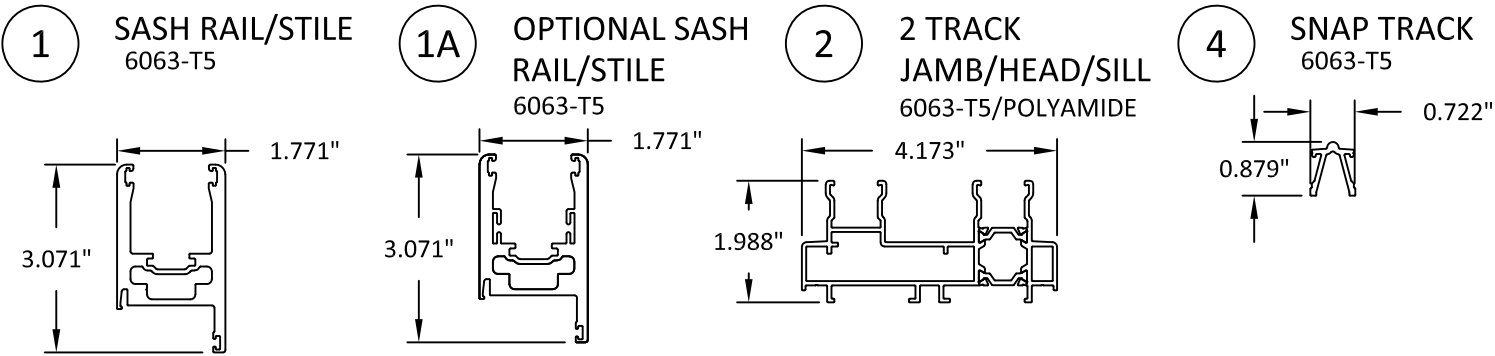
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FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:	FL34003
DATE:	04.22.25
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	EWS051
SHEET:	9

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BILL OF MATERIALS			
NO	PART #	DESCRIPTION	MATERIAL
1	MS-SASH	SASH RAIL/STILE	6063-T5
1A	MS-SASH	OPTIONAL SASH RAIL/STILE	6063-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	POLYMIDE
7	MS-ILP	POCKET INTERLOCK	6063-T5
8	MS-CON	CONDENSATION ACC	6063-T5
9	MS-SI	SASH/STILE INTERLOCK	6063-T5
9A	MS-SI	OPTIONAL SASH/STILE INTERLOCK	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 CATCHAR	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
33	E0167-A	2 TRACK JAMB/HEAD/SILL (ADD-ON)	6063-T5
35	E0237-B	SILL RISER	6063-T5
36	E0243-A	OPTIONAL 1" RISER	6063-T5



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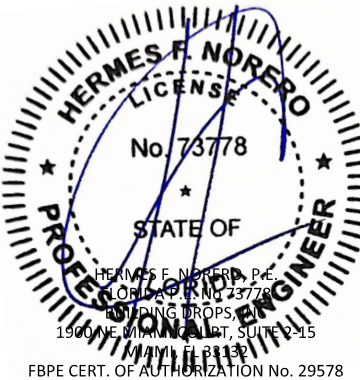
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BILL OF MATERIALS
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SHEET:	10
	OF 11

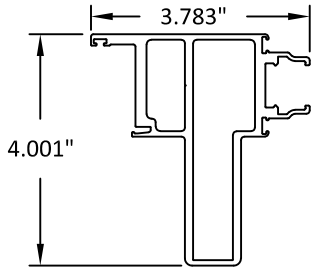
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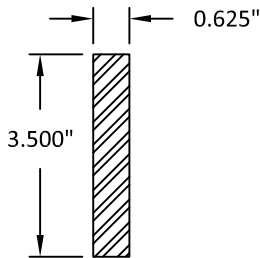
24 PAWL
S/S STEEL



26 MS 1 PIECE ASTRAGAL
6063-T5



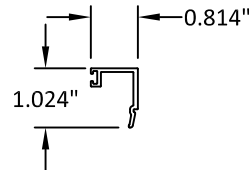
27 ASTRAGAL REINFORCEMENT
STEEL



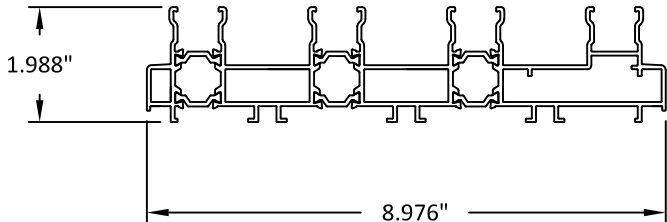
28 LARGE PAWL CATCHER
S/S STEEL



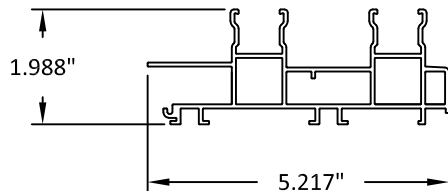
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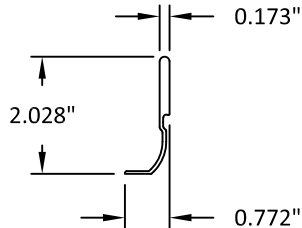
31 4 TRACK JAMB/HEAD/SILL
6063-T5/POLYAMIDE



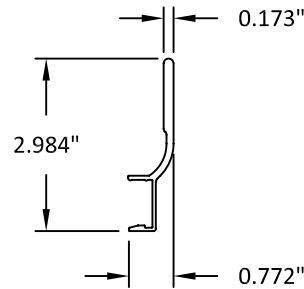
33 2 TRACK JAMB/HEAD/SILL (ADD-ON)
6063-T5



35 SILL RISER
6063-T5



36 OPTIONAL 1" RISER
6063-T5



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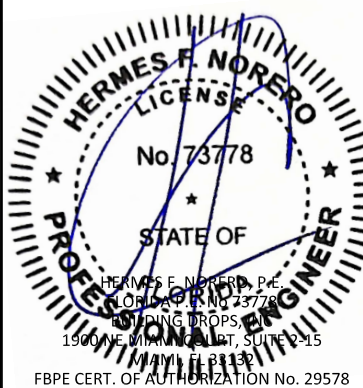
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