

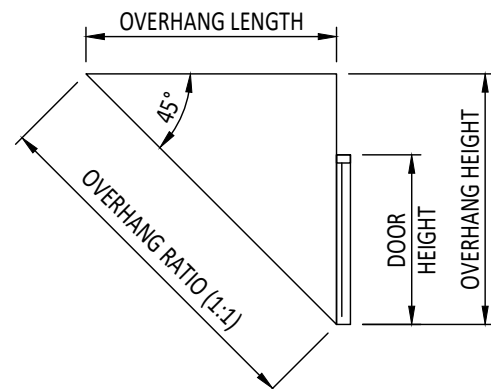
EURO-WALL, LLC

MS-MULTISLIDE SYSTEM (HVHZ) (IMPACT)

GENERAL NOTES:

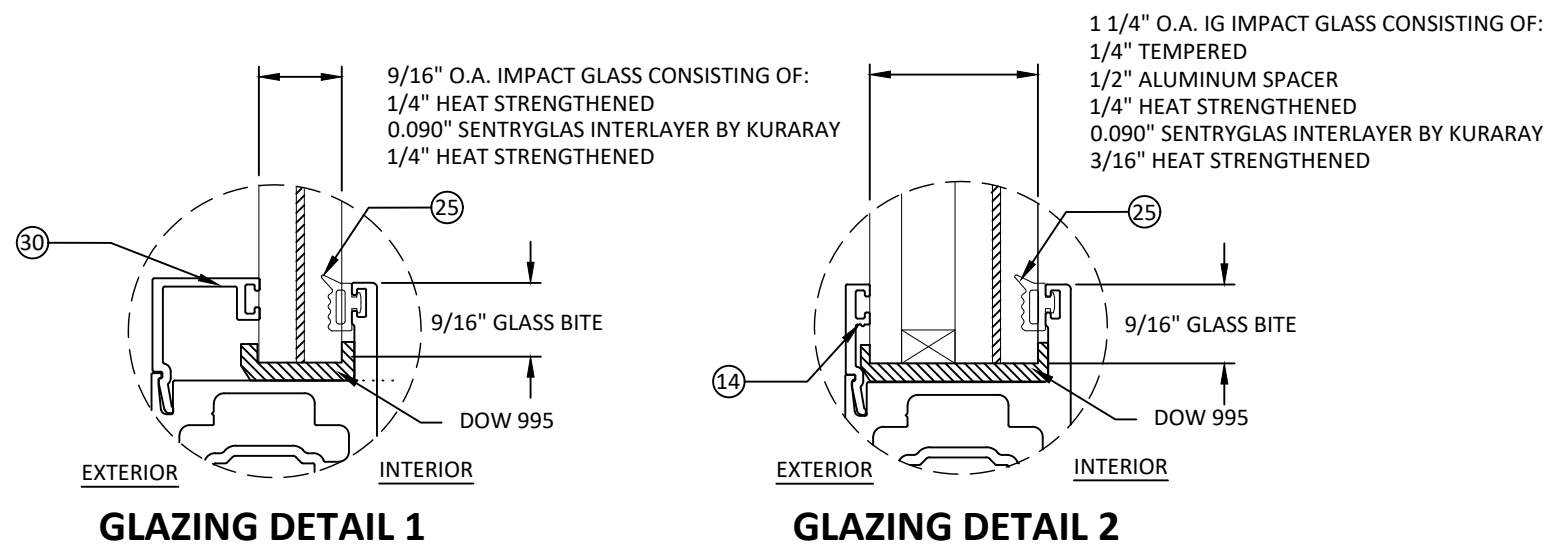
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING 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.
- 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:
 $OVERHANG (OH) RATIO = OH LENGTH \div OH HEIGHT \geq 1.0$,
 WATER INFILTRATION REQUIREMENT DOES NOT NEED TO BE MET



DESIGN PRESSURE RATING			
MAX. UNIT DIMENSIONS	DESIGN PRESSURE	WATER TEST PRESSURE	MISSILE IMPACT RATING
SEE SHEET 4		10.5 PSF	LARGE & SMALL MISSILE IMPACT

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

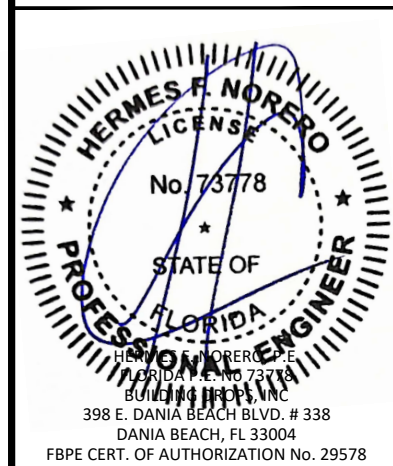


- GLAZING NOTES:**
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - GLASS TYPE SHALL COMPLY WITH APPLICABLE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

TITLE: MS MULTI-SLIDE SYSTEM (HVHZ) (IMPACT)
 GENERAL NOTES & GLAZING DETAILS
 PREPARED BY: BUILDING DROPS, INC.
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 DANIA BEACH, FL 33004
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 FAX: (954) 744-4738
 WEB: www.buildingdrops.com

REMARKS	BY	DATE
INSIDE CORNER UPDT.	LL	01/22
ADD-ON TRACK UPDT	LL	05/22
CORNER UNIT UPDATE	LL	08/22
MISC. UPDATES	OL	06/23

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 DATE: **11.19.20**
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 SCALE: **NTS**
 DWG. #: **EWS015**
 SHEET: **1** OF 11

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

ANCHOR LAYOUT

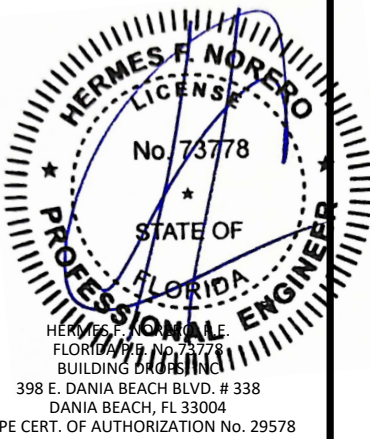
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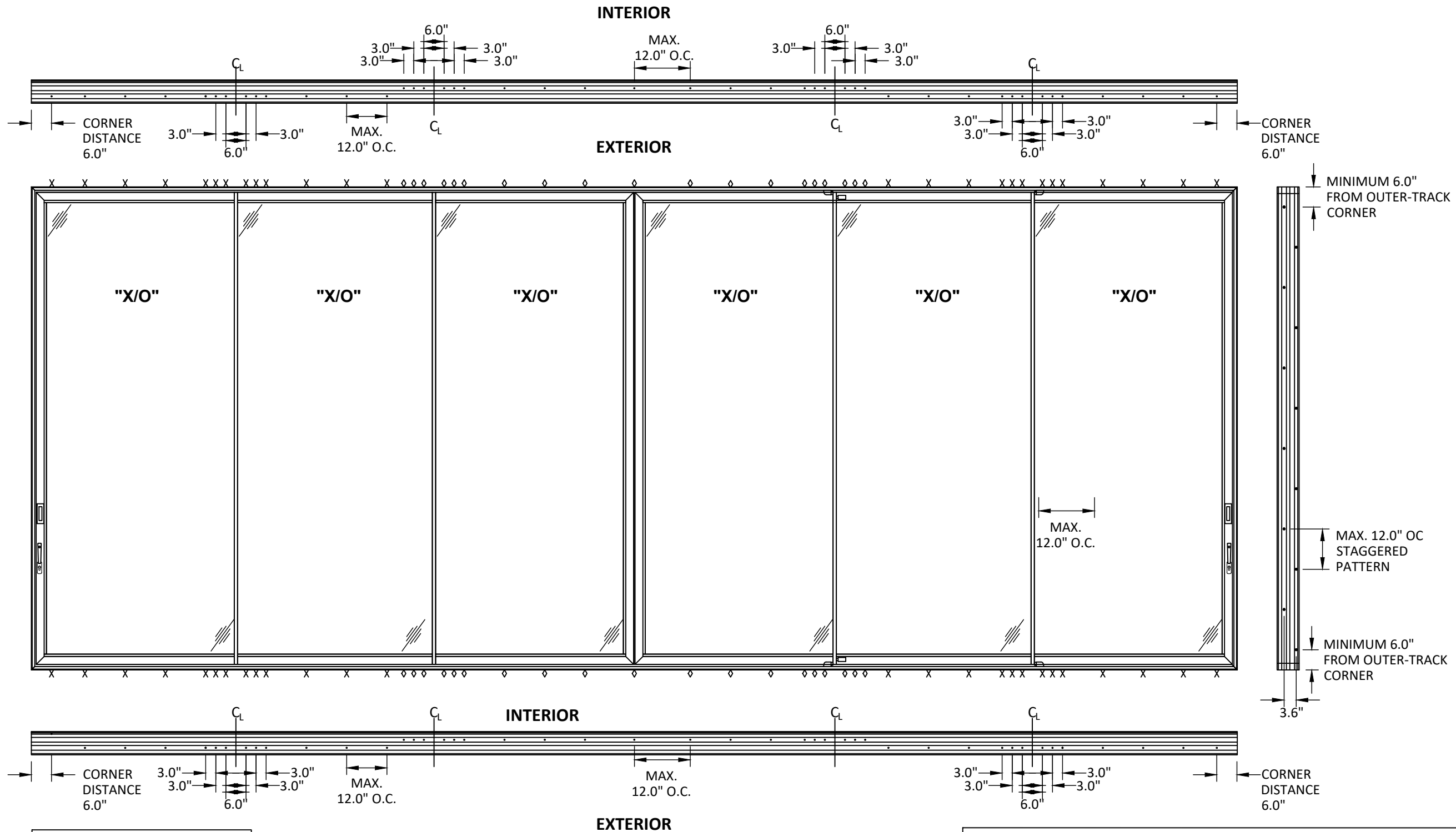
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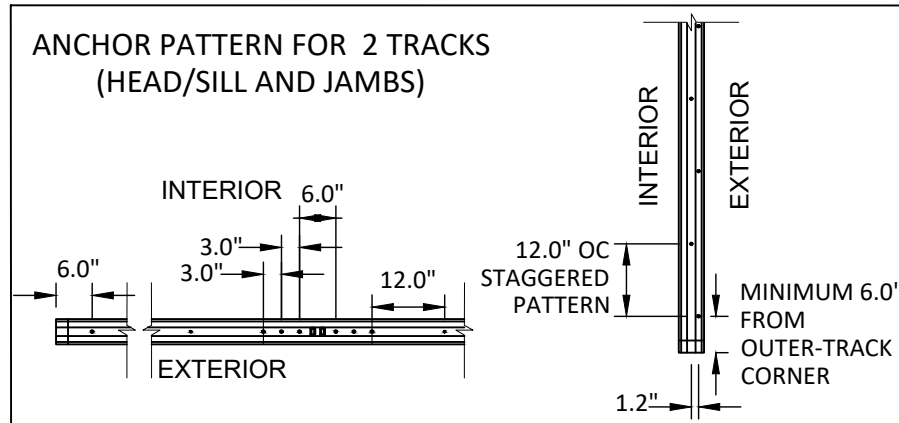
SHEET: **3**



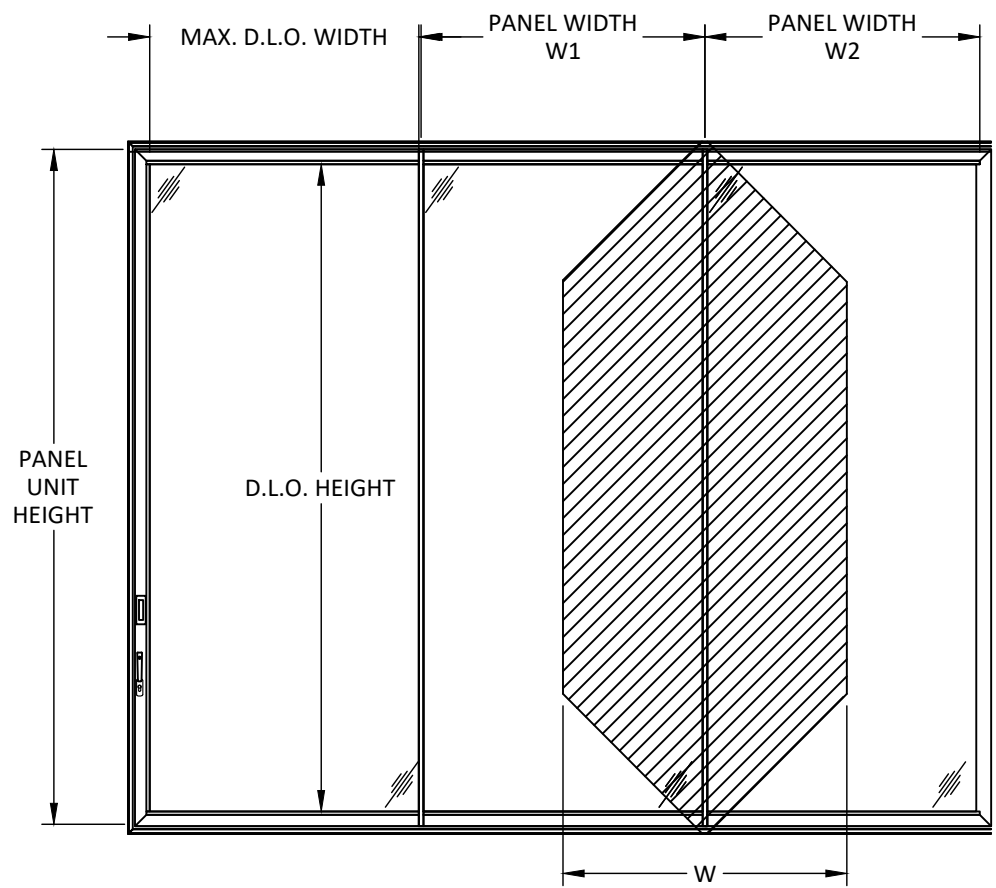
ANCHOR LAYOUT
SLIDING GLASS DOOR

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" FROM THE CORNERS AND 12" MAX. O.C.
2) WHEN POCKET IS USED, JAMB INSTALLATION ANCHORS SHALL BE INSTALLED AT 6" FROM THE CORNERS AND 36" MAX. O.C.



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TRIBUTARY WIDTH(W) = (W1+W2)/2

- APPROVED CONFIGURATIONS:
 2 PANEL - OX, XO, XX
 3 PANEL - OOX, XOO, XOX, OXO, 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, XOOOXX, XXXXO, OXXXX, XXXXX
 7 PANEL - XXXXXXX, OXXXXXX, XXXXXXO, 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.
 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)	92	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	115.0	114.0	
	96	120.0	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
	100	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	103.0	101.0	100.0	99.0
	104	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	98.0	96.0	95.0	94.0	
	108	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	94.4	92.4	90.6	89.0		
	112	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	91.8	89.5	87.5	85.7			
	116	120.0	120.0	120.0	120.0	120.0	120.0	120.0	89.9	87.4	85.1	83.1				
	120	120.0	120.0	120.0	120.0	120.0	120.0	120.0	85.9	83.4	81.2	79.2				
	124	120.0	120.0	120.0	117.8	112.6	84.9	82.2	79.7	77.5						
	128	120.0	118.1	112.0	106.6	84.4	81.4	78.8	76.4							
	132	113.7	107.3	101.7	96.8	81.2	78.2	75.6								
	136	103.7	97.8	92.7	81.3	78.1	75.3	72.7								
	140	94.8	89.4	84.7	78.5	75.3	72.5									
	144	87.6	83.1	79.2	75.8	72.7	70.0									

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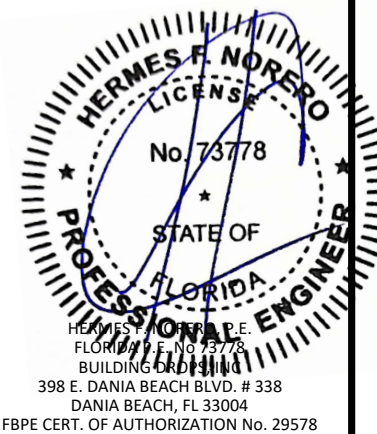
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 DESIGN PRESSURE TABLES

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REMARKS	BY	DATE
INSIDE CORNER UPDT.	LL	01/22
ADD-ON TRACK UPDT	LL	05/22
CORNER UNIT UPDATE	LL	08/22
MISC. UPDATES	OL	06/23

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SCALE: **NTS**

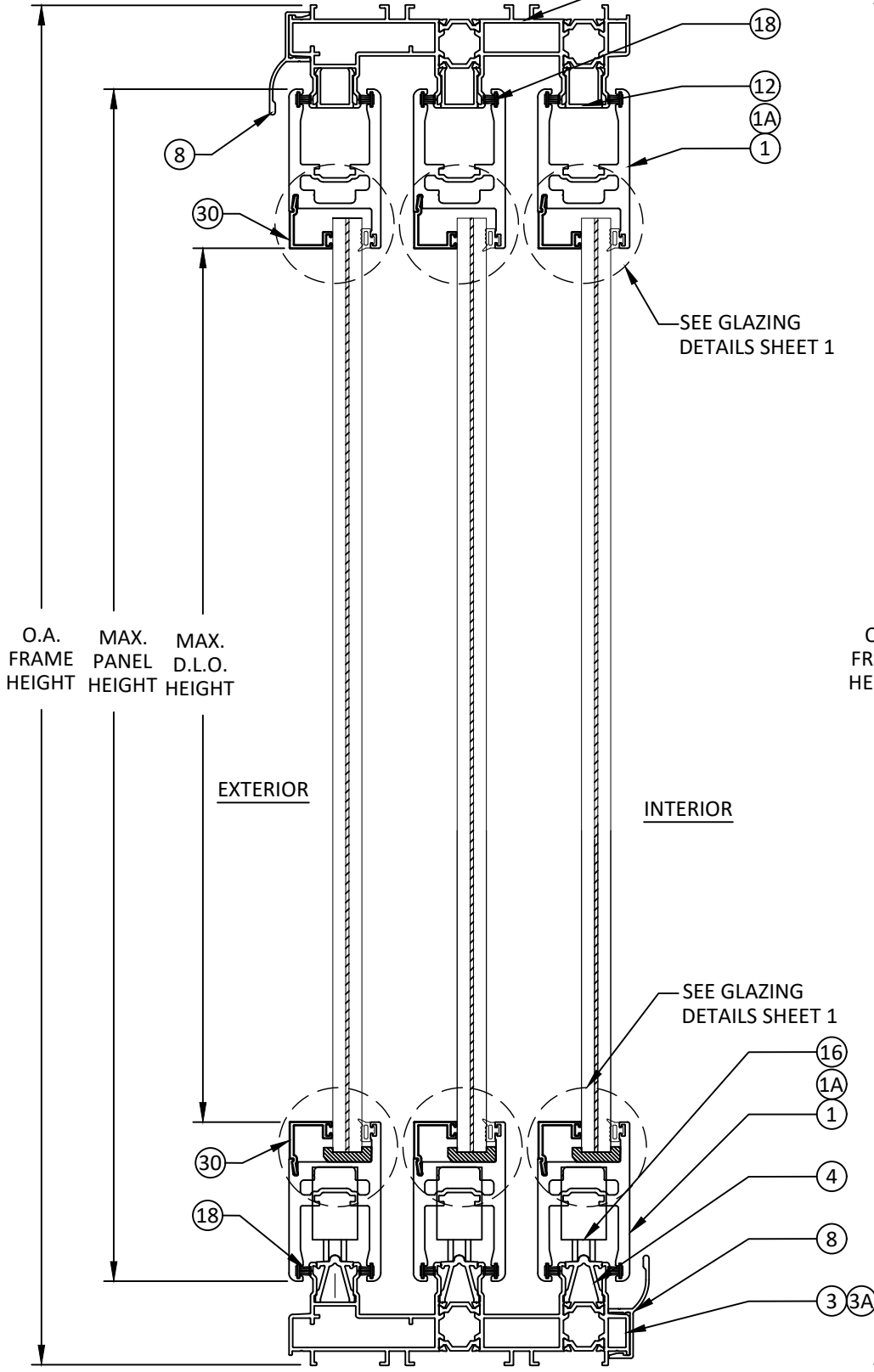
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SHEET: **4**

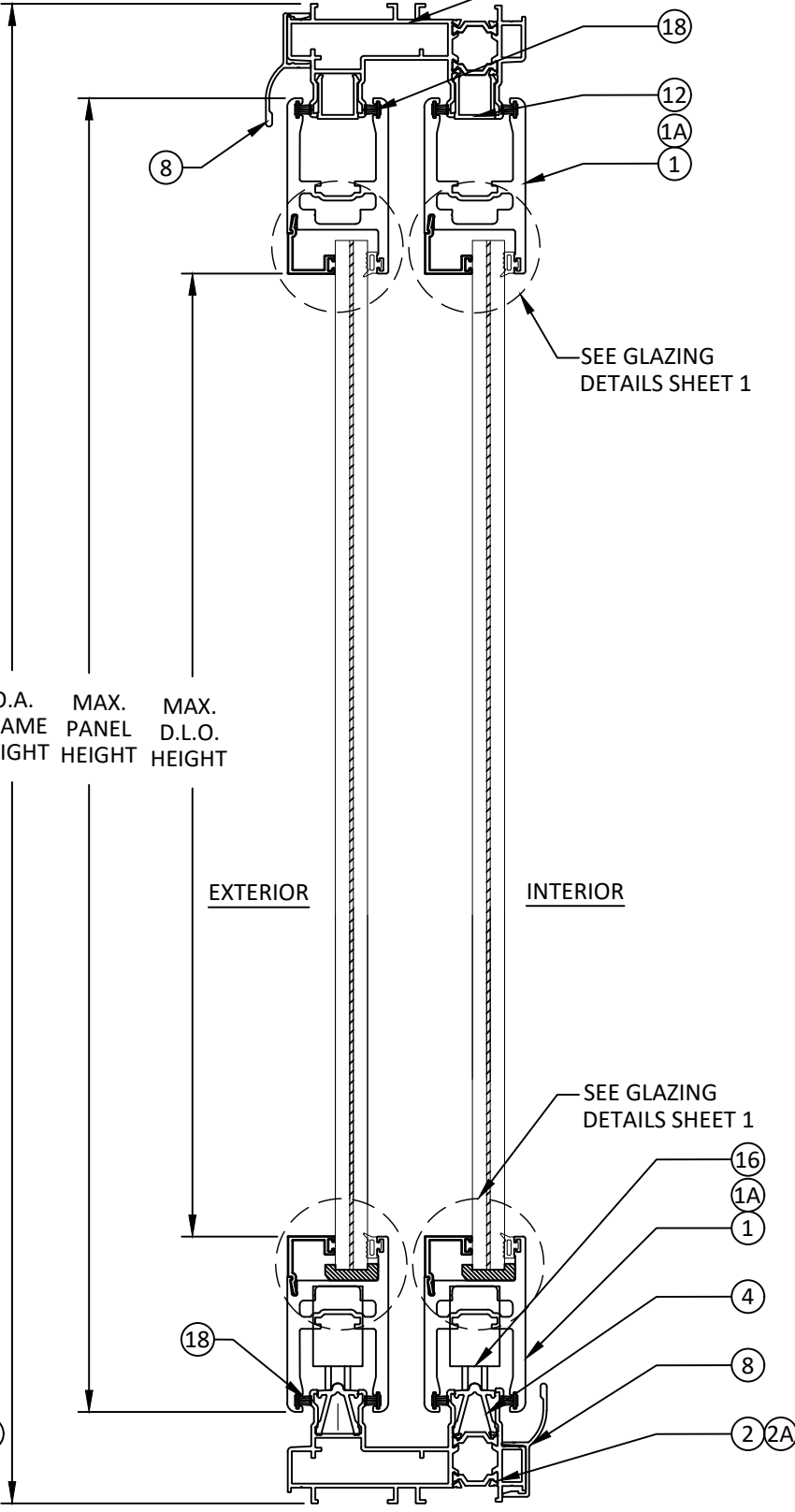
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***NOTE:**
9/16" LAMINATED GLASS SHOWN
1-1/4" INSULATED GLASS ALSO QUALIFIED

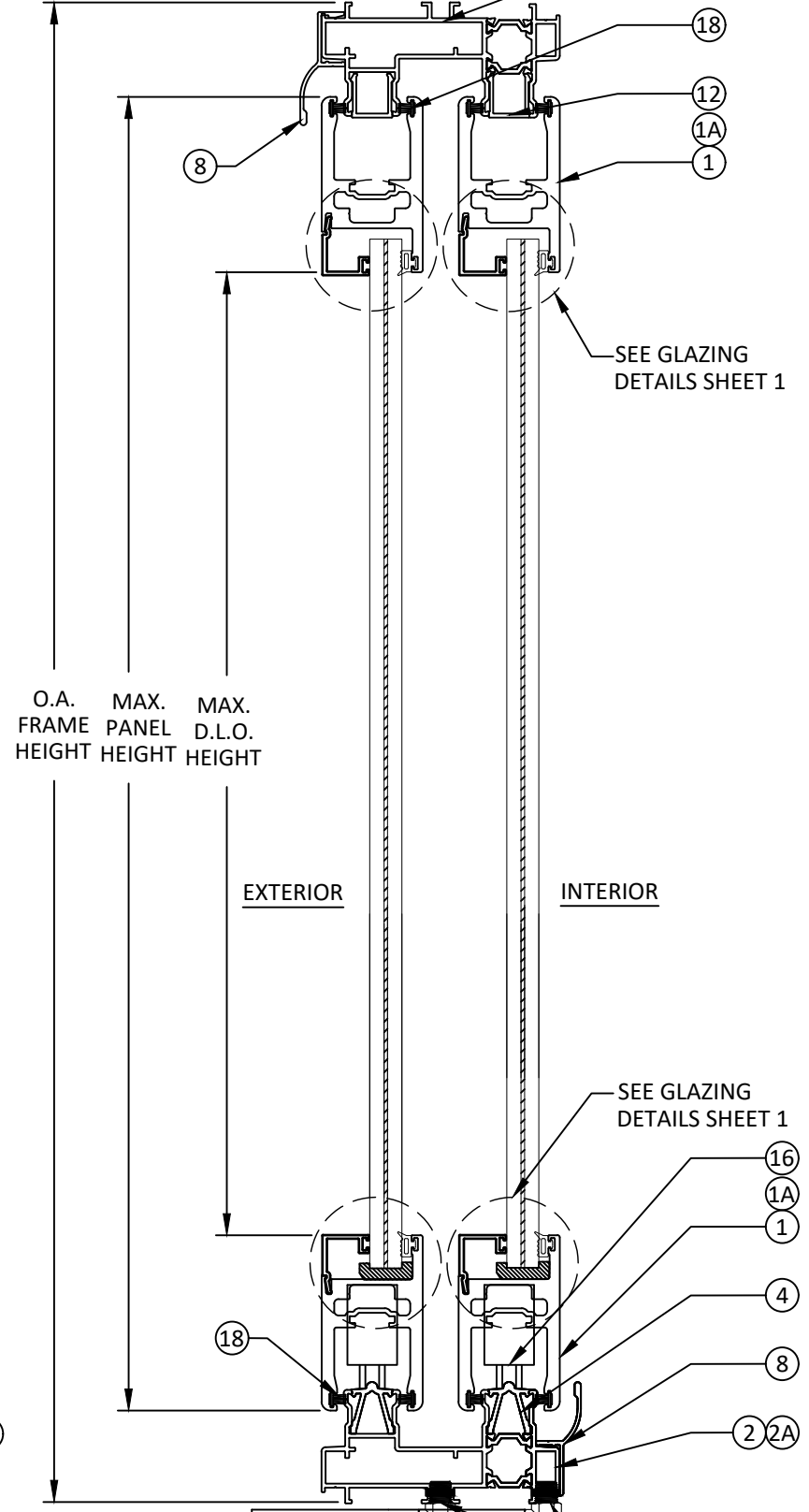
TERNALLY BROKEN FRAME PROFILES SHOWN,
NON-THERMALLY BROKEN FRAME PROFILES ARE
ALSO QUALIFIED FOR THE SAME SIZES AND
RATINGS, SEE BOM.



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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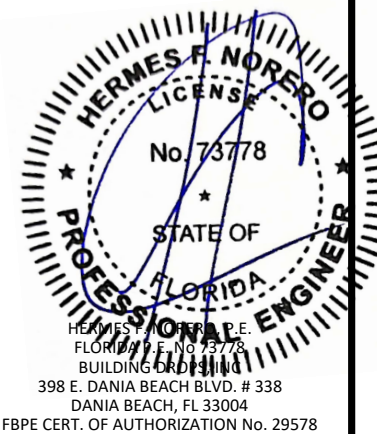
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(HVHZ) (IMPACT)
VERTICAL SECTIONS

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ADD-ON TRACK UPDT	LL	05/22
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SHEET: **5**

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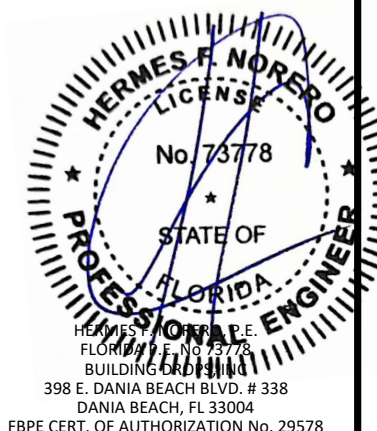
HORIZONTAL SECTIONS

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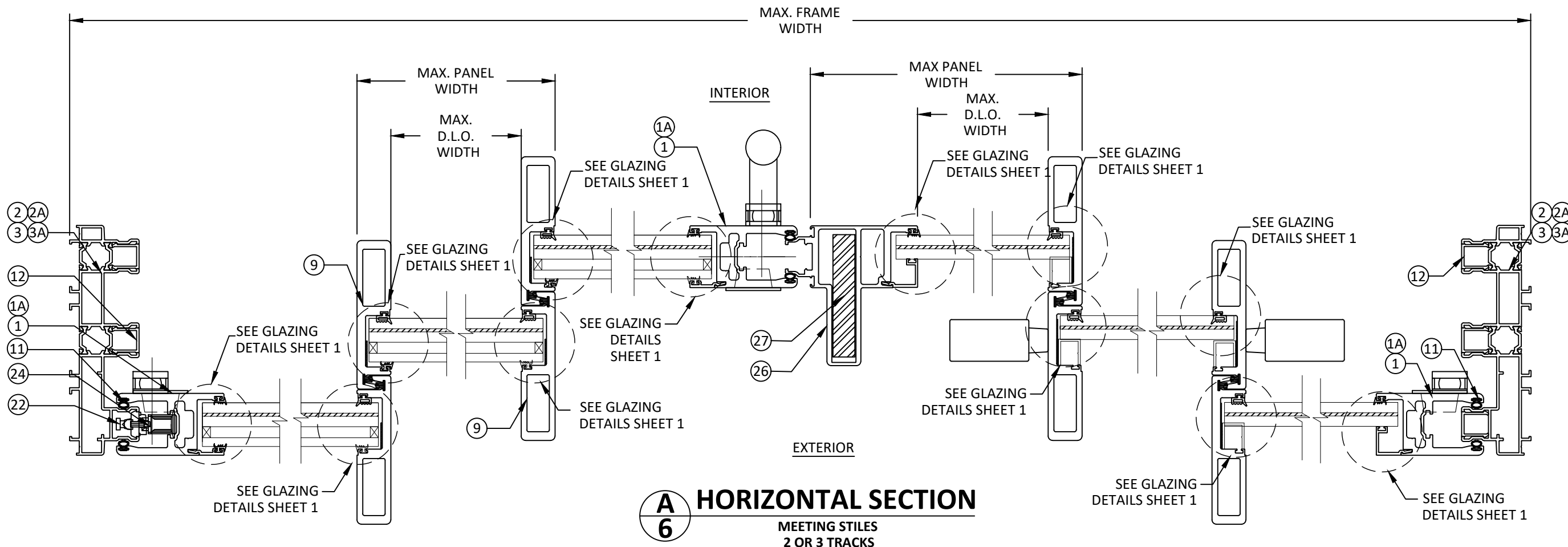
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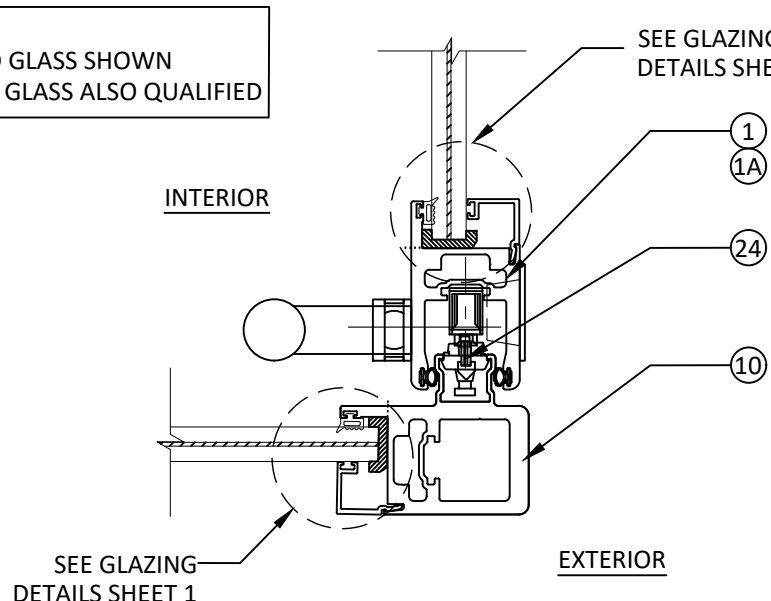
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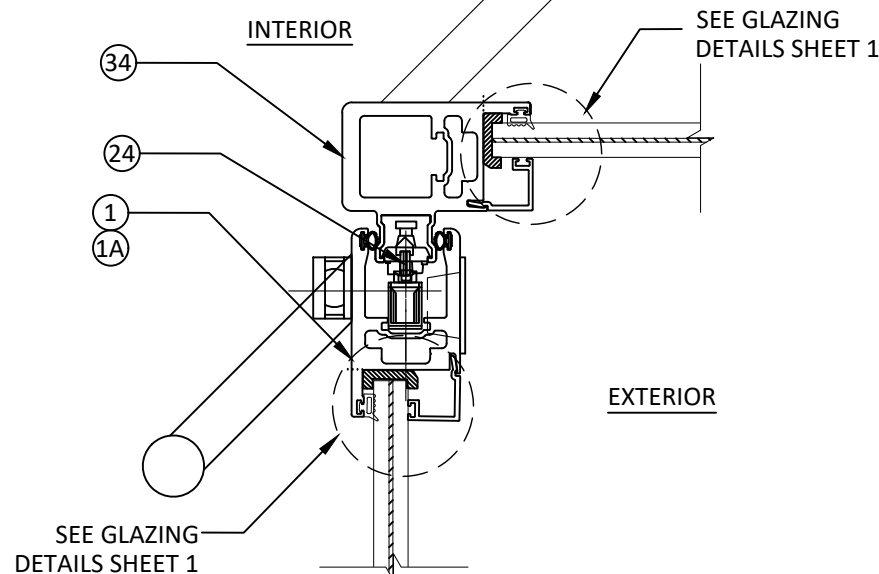
A **HORIZONTAL SECTION**
6 MEETING STILES
 2 OR 3 TRACKS

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

*NOTE:
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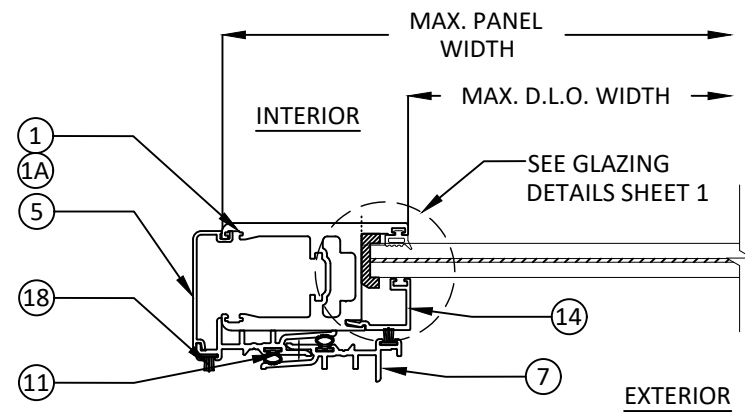


B **HORIZONTAL SECTION**
6 OUTSIDE CORNER DETAIL

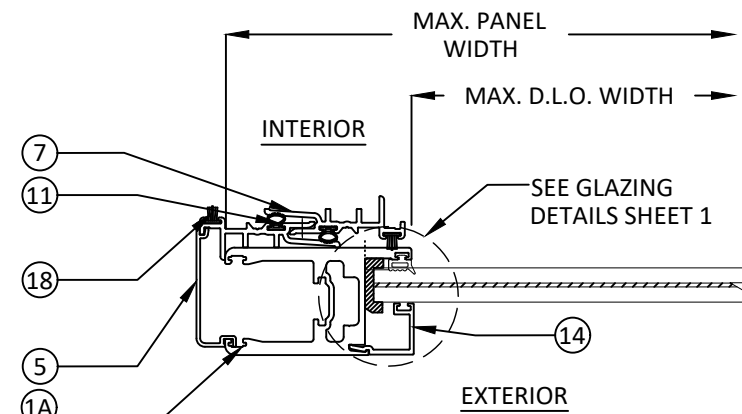


C **HORIZONTAL SECTION**
6 INSIDE CORNER DETAIL

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A HORIZONTAL SECTION
7 INSIDE POCKET WALL



B HORIZONTAL SECTION
7 OUTSIDE POCKET WALL

eurowall
 SUPERIOR BY DESIGN

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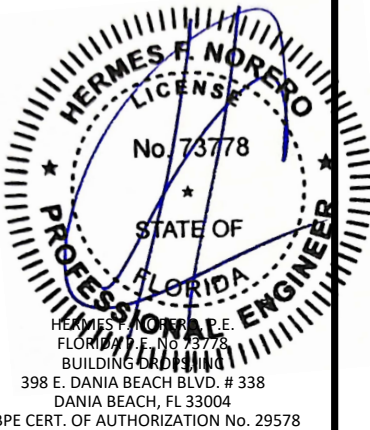
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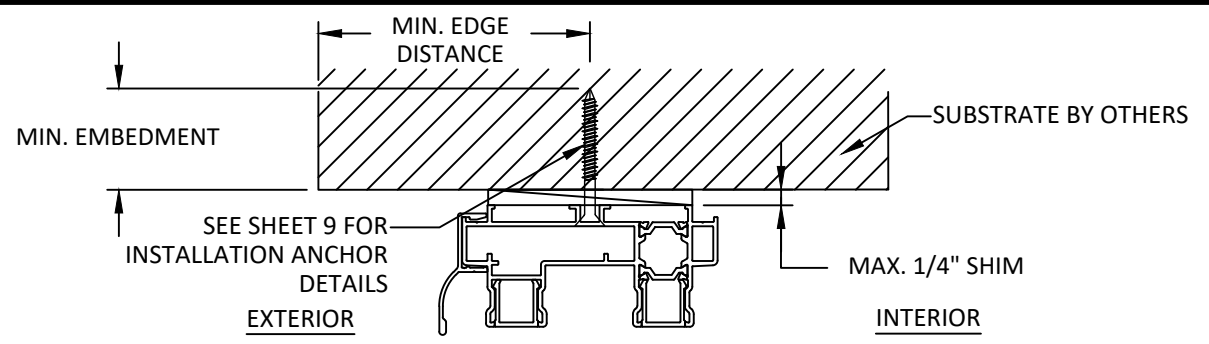
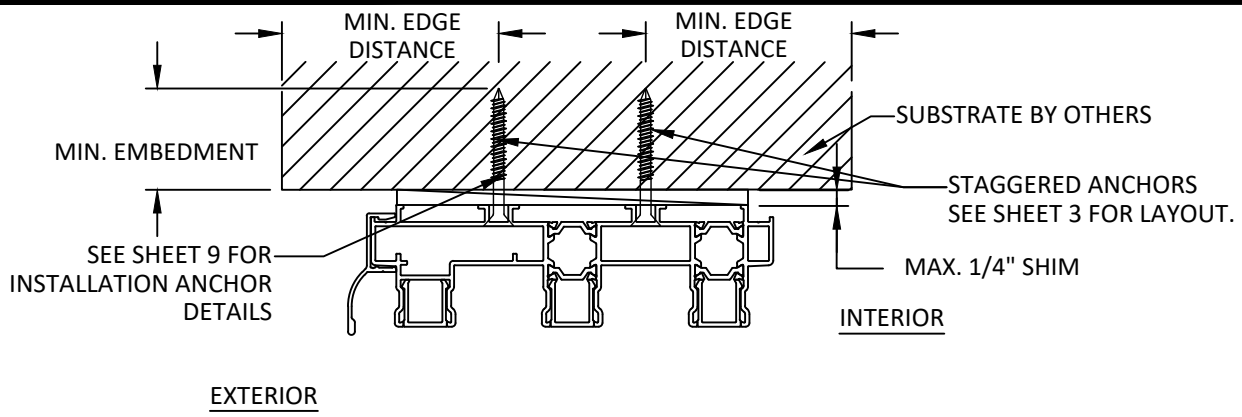
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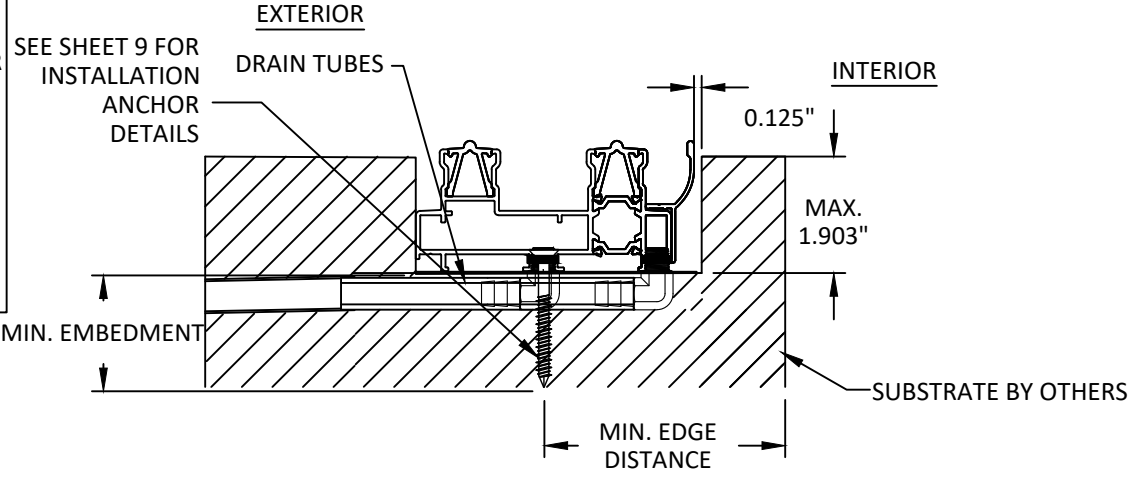
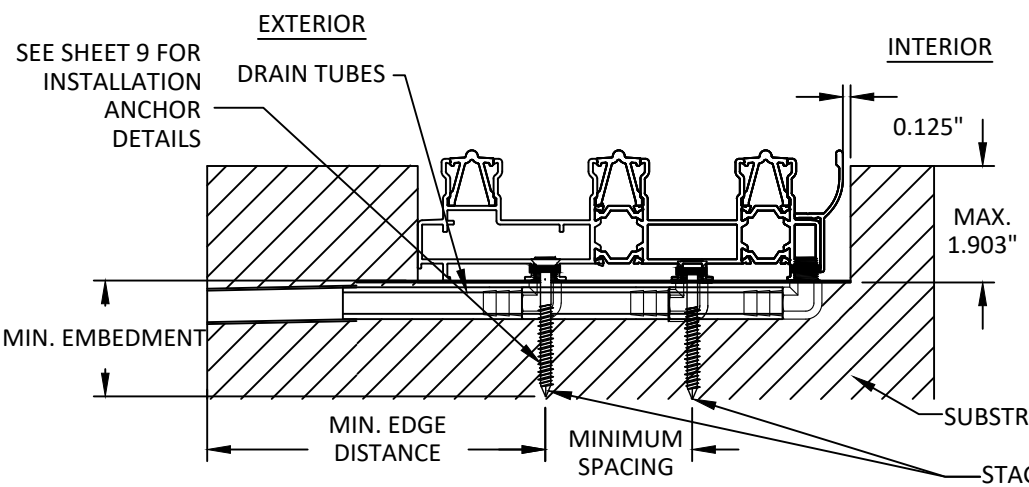
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A
8 ANCHOR DETAIL
THROUGH FRAME INSTALLATION (HEAD)
3 TRACKS

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

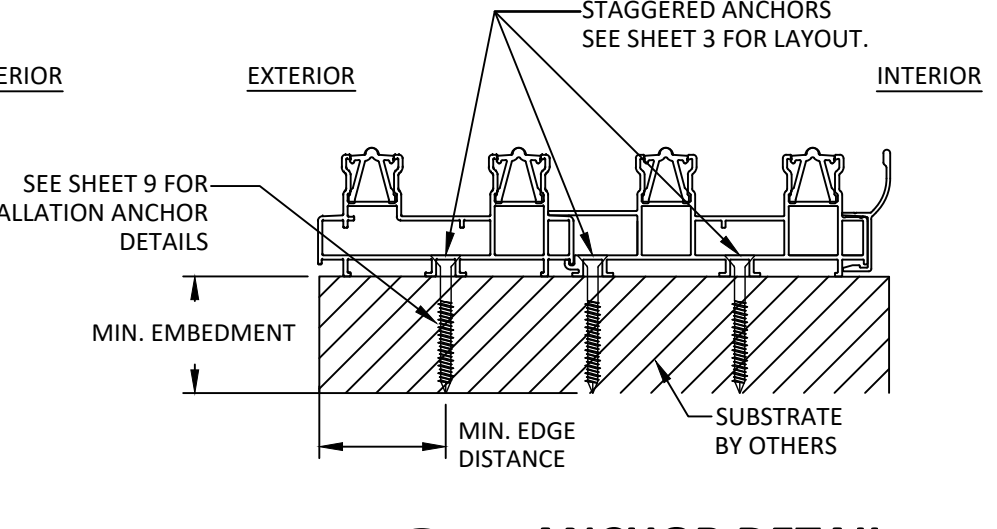
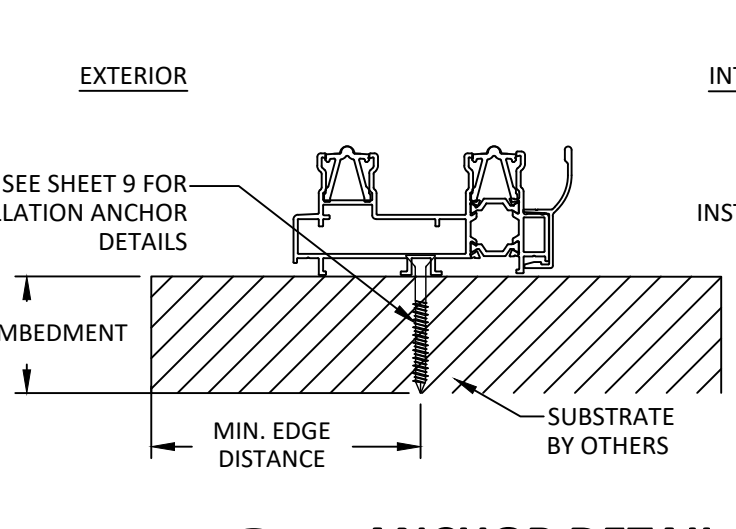
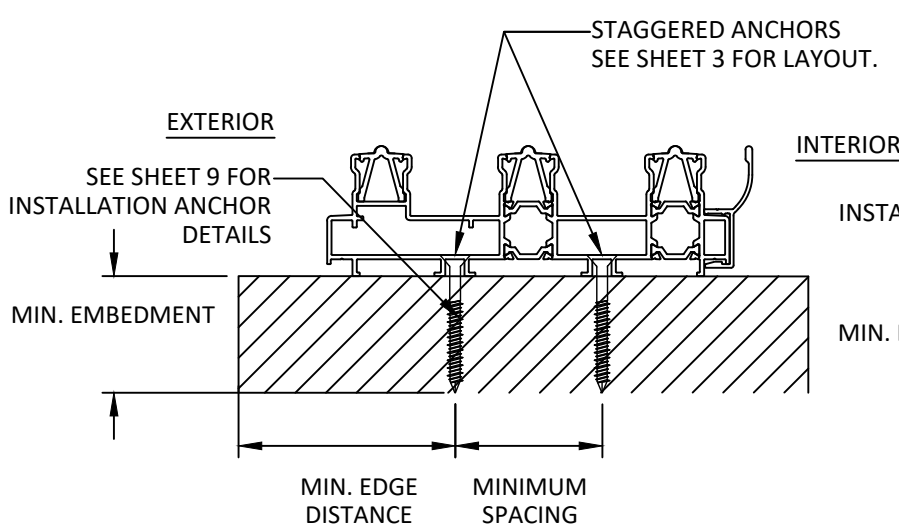


NOTE:

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

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

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

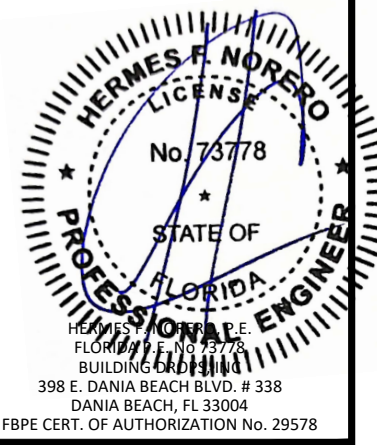
G
8 ANCHOR DETAIL
THROUGH FRAME INSTALLATION (SILL)
3 TRACKS WITH EXTENSION

TITLE: MS MULTI-SLIDE SYSTEM (HVHZ) (IMPACT)
ANCHOR DETAILS

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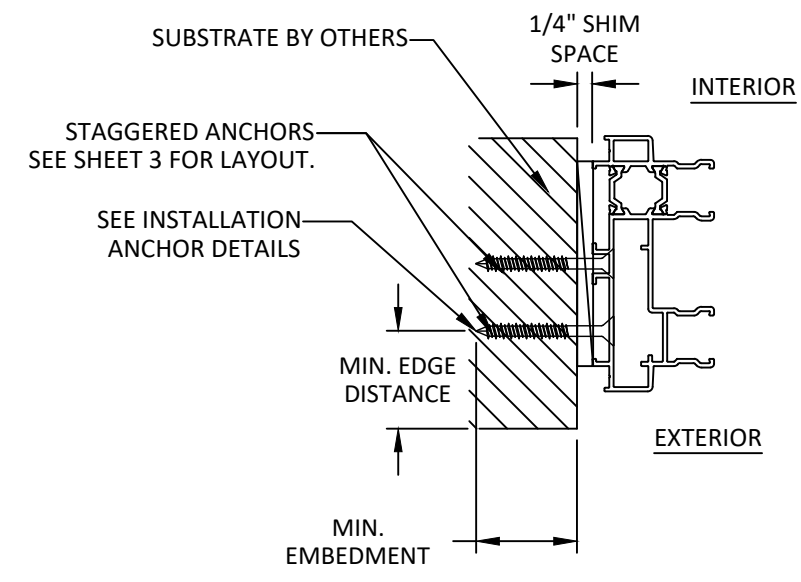
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DWG. BY: YC	CHK. BY: HFN
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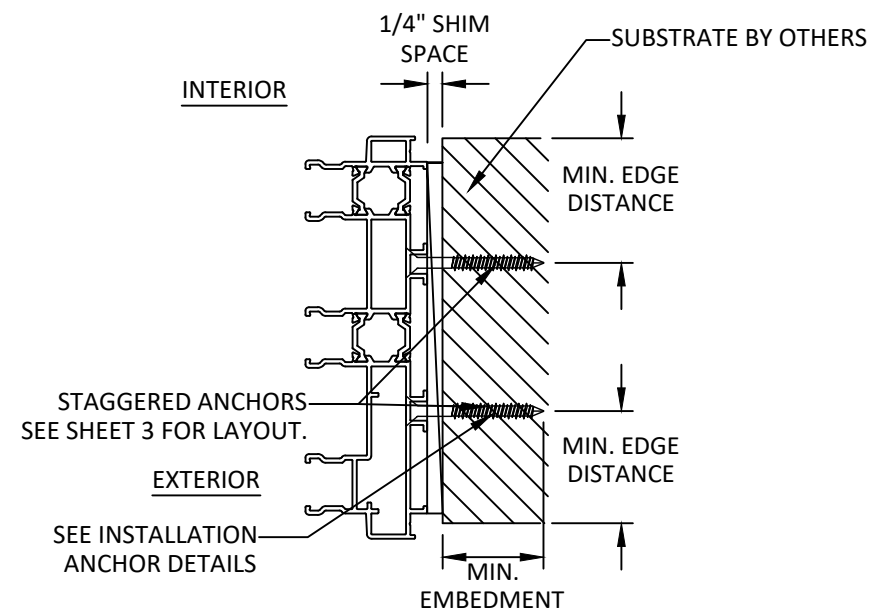
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DWG. #: **EWS015**

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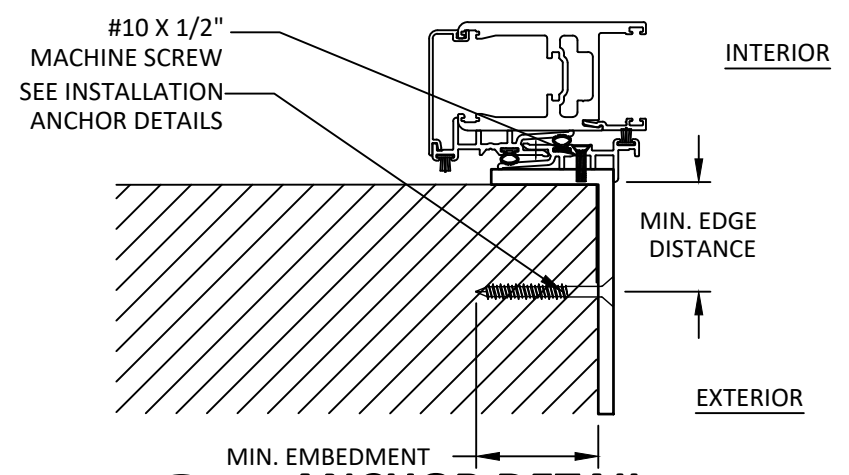
A
9
ANCHOR DETAIL
THROUGH FRAME (JAMB)
2 TRACK



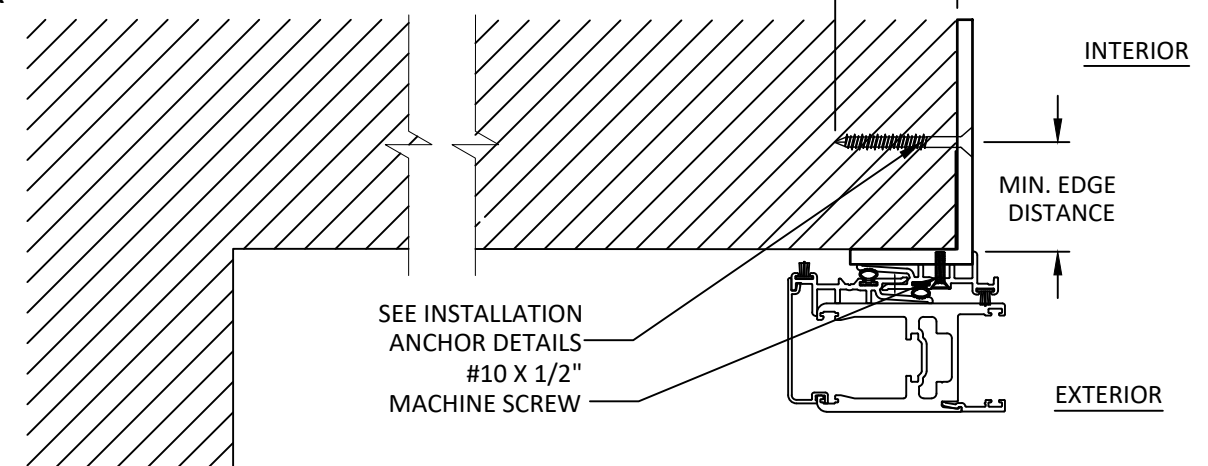
B
9
ANCHOR DETAIL
THROUGH FRAME (JAMB)
3 TRACK

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



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 ±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"	

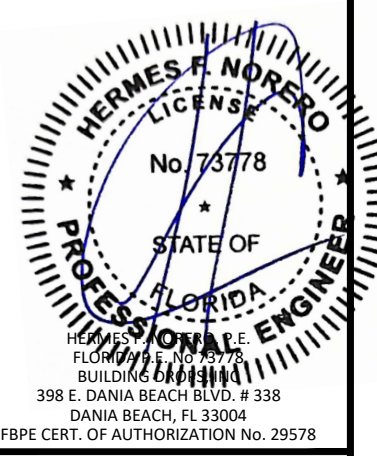
TITLE: MS MULTI-SLIDE SYSTEM (HVHZ) (IMPACT)

INSTALLATION NOTES & ANCHOR SCHEDULE

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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REMARKS	BY	DATE
INSIDE CORNER UPDT.	LL	01/22
ADD-ON TRACK UPDT	LL	05/22
CORNER UNIT UPDATE	LL	08/22
MISC. UPDATES	OL	06/23

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DATE: **11.19.20**

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SCALE: **NTS**

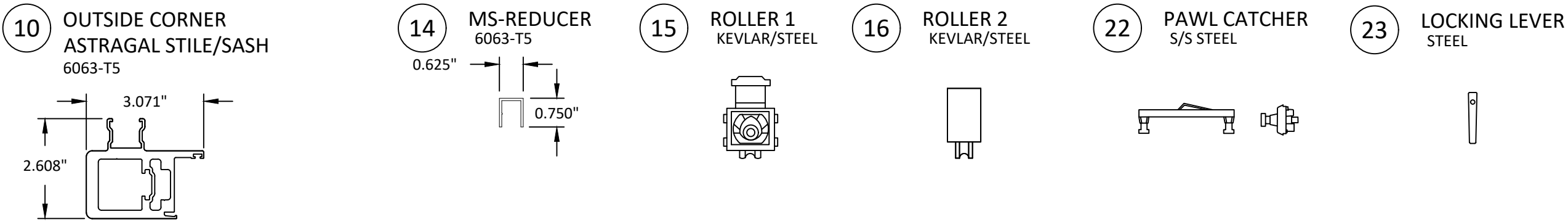
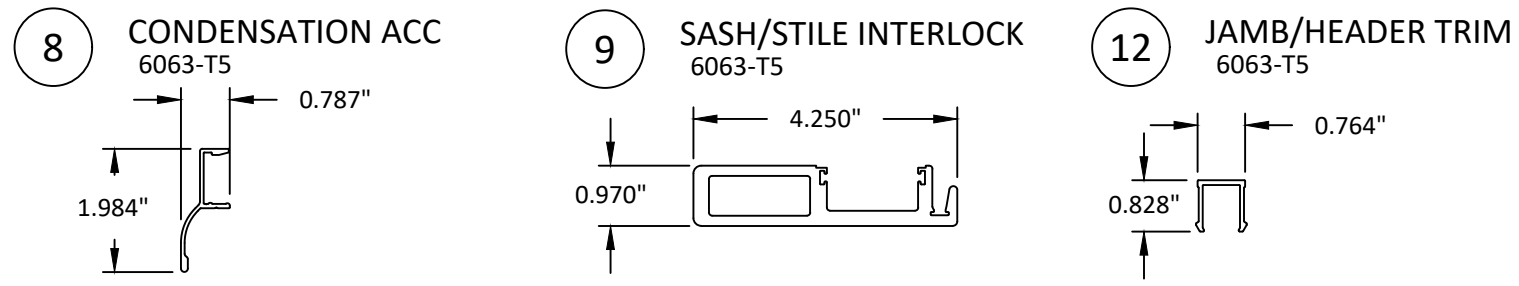
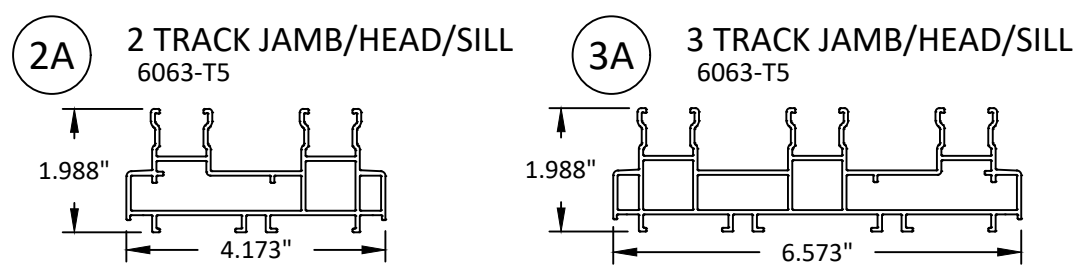
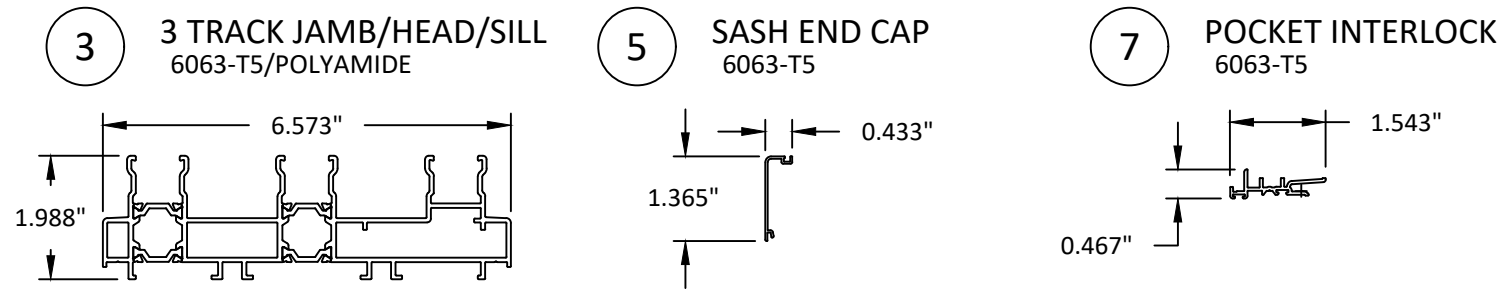
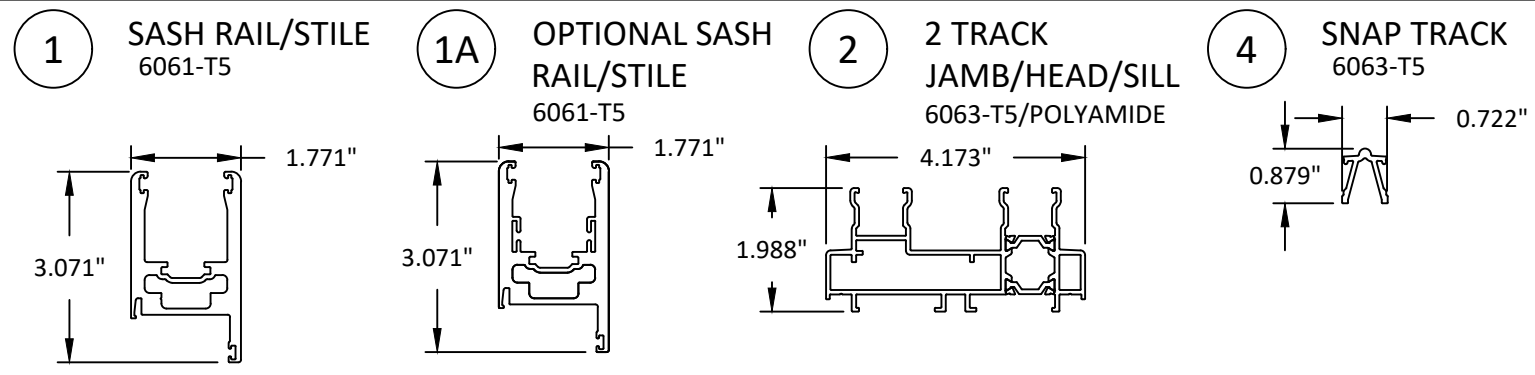
DWG. #: **EWS015**

SHEET: **9**

OF 11

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



euro-wall
SUPERIOR BY DESIGN

EURO-WALL, LLC
P.O. BOX 8007
NORTH PORT, FL 34290
PH: 888-989-3876

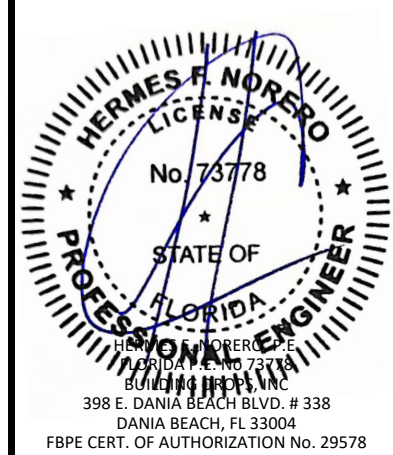
TITLE: MS MULTI-SLIDE SYSTEM (HVHZ) (IMPACT)

BILL OF MATERIALS & COMPONENTS

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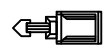
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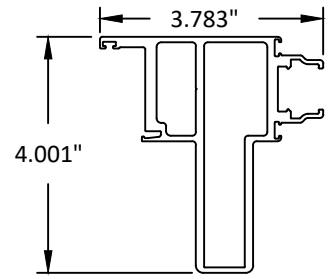
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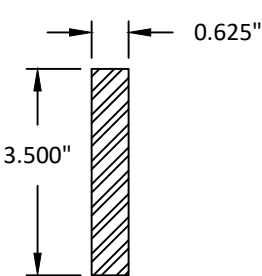
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S/S STEEL



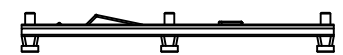
26 MS 1 PIECE ASTRAGAL
6063-T5



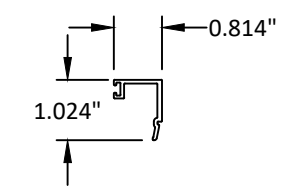
27 ASTRAGAL REINFORCEMENT
STEEL



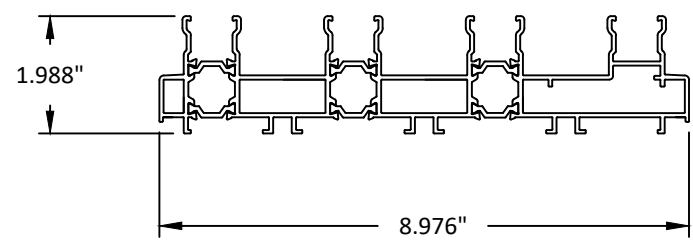
28 LARGE PAWL CATCHER
S/S STEEL



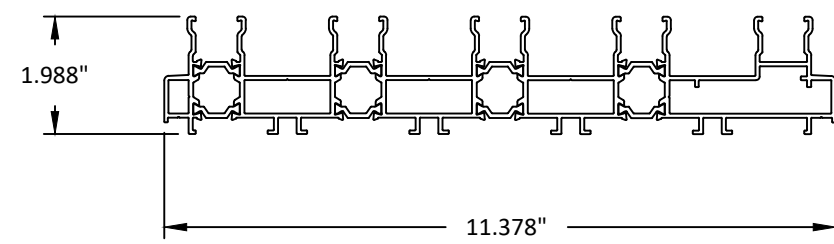
30 9/16\"/>



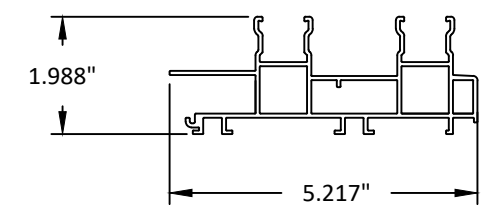
31 4 TRACK JAMB/HEAD/SILL
6063-T5/POLYAMIDE



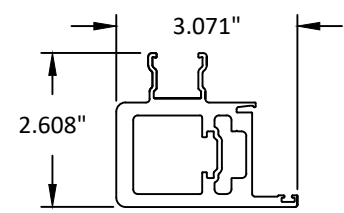
32 5 TRACK JAMB/HEAD/SILL
6063-T5/POLYAMIDE



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



34 INSIDE CORNER
ASTRAGAL STILE/SASH
6063-T5



TITLE: MS MULTI-SLIDE SYSTEM (HVHZ) (IMPACT)
BILL OF MATERIALS & COMPONENTS (1)

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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

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SHEET: **11**
OF 11

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