

WEILAND SLIDING DOORS AND WINDOWS, INC.

ALS LIFT AND SLIDE DOOR (HVHZ)(NON-IMPACT)

GENERAL NOTES:

1.

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - TAS 202-94
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 ±1/4 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 REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7.

DOOR FRAME MATERIAL: ALUMINUM
8.

GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAIL.
9.

DESIGNATIONS "X", "O", "P" & "W" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL

P: POCKET ("P"s MAY BE REPLACED BY INTERIOR WALLS)

W: WALL
10.

APPROVED CONFIGURATIONS INCLUDE:

1 TRACK - PX-XP, PX, XP, O

2 TRACK - PXX-XXP, OX-XXP, PXX-XO, PXX, XXP, OX-XO, OX, XO, OXO, XO-O-OX, O-O-O

3 TRACK - PXXX, XXXP, XXO, XOX, OXX, PXXX-XXXP, OXX-XXO, PXXX-XXO, OXX-XXXP

4 TRACK - PXXXX, XXXXP, OXXX, XXXO, PXXXX-XXXP, OXXX-XXXO, PXXXX-XXXO, OXXX-XXXXP

5 TRACK - XXXXP, PXXXXX, OXXXX, XXXXO, PXXXXX-XXXXXP, OXXXX-XXXXO, PXXXXX-XXXXO, OXXXX-XXXXXP

- ANY NUMBER OF "O" PANELS TO NOT EXCEED THE OVERALL MAX. SYSTEM WIDTHS.

- UNLIMITED NUMBER OF TRACKS OR PANELS MAY BE USED SUCH THAT MAXIMUM OVERALL WIDTHS AS SPECIFIED ON SHEETS 3 - 6 ARE NOT EXCEEDED.

- "X" PANELS IN THE ABOVE CONFIGURATIONS MAY BE REPLACED BY "O" PANELS EXCEPT WHEN NEXT TO A "P".

- POCKETS (P) MAY BE REPLACED BY INTERIOR WALLS (W).

- "O" PANELS MAY BE REPLACED BY "X" PANELS.

- CONFIGURATIONS USING 90 DEGREE CORNER MAY UTILIZE ABOVE TRACK CONFIGURATION OPTIONS SUCH THAT MAXIMUM SIZE LISTED ON SHEET 6 IS NOT EXCEEDED.

- CUSTOM CONFIGURATIONS AVAILABLE UPON REQUEST.

- ANY INTERLOCK CONDITION CAN BE REPLACED BY A MEETING STILE CONDITION.

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DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEETS 3 - 6				NOT RATED

- NOTE:
1.

FOR "XXX" UNITS, OPERABLE PANELS (X) ON EXTERIOR EXPOSED TRACK, OR EXTERIOR STACKING CONFIGURATIONS, UNITS SHALL BE INSTALLED WHERE LOCATION OVERHANG (OH) IS EQUAL TO OR MORE THAN 1. OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT IS ≥1.0,

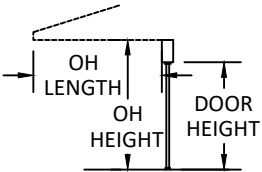


FIGURE A



1319 ROCKY POINT DR #100
OCEANSIDE, CA 92056
PH: (760) 722.8828 FX: (760) 722.8838

TITLE:
ALS LIFT AND SLIDE DOOR
(HVHZ)(NON-IMPACT)

GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

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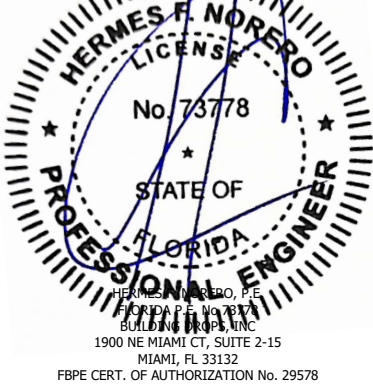
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REMARKS	BY	DATE
DP TABLE REV.	HJ	4/26

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.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
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FL #:

FL47871

DATE: 07.30.25

DWG. BY:
HJ

CHK. BY:
HFN

SCALE: NTS

DWG. #: WSD016

SHEET:

1

OF 18

TITLE: ALS LIFT AND SLIDE DOOR
(HVHZ)/(NON-IMPACT)

GLAZING DETAILS

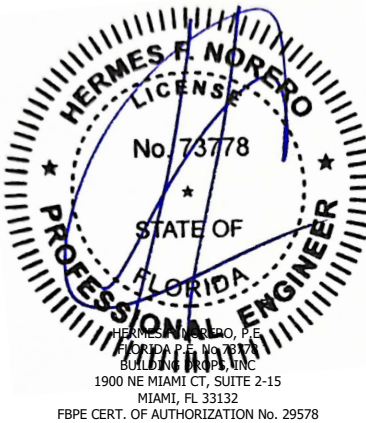
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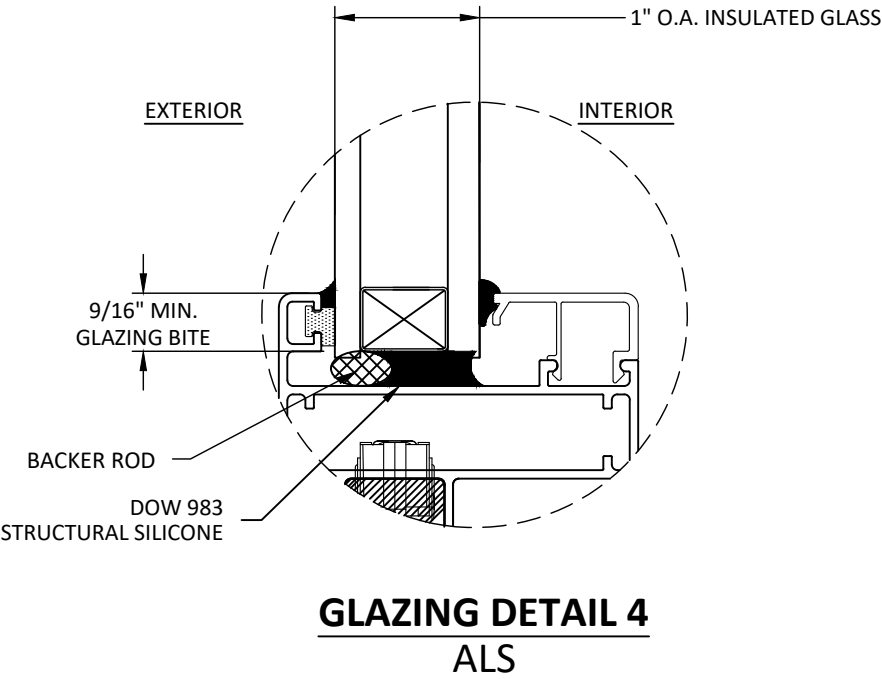
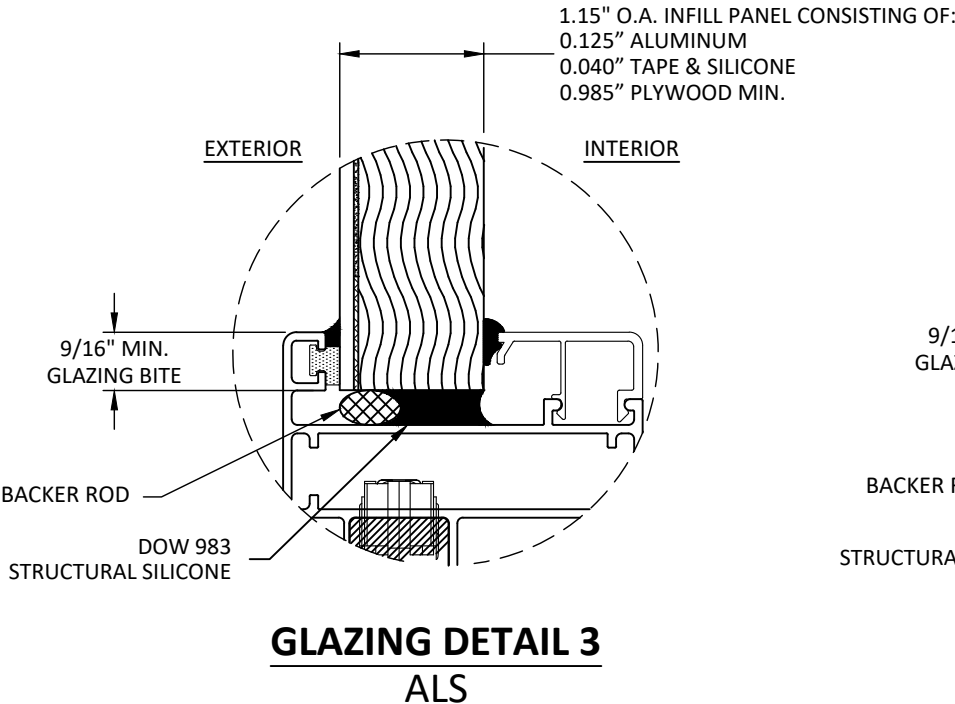
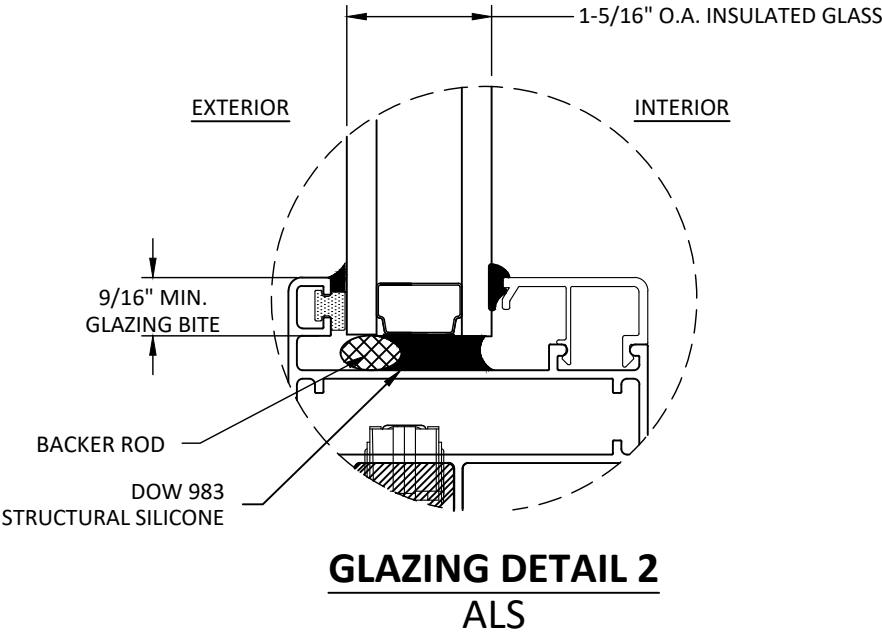
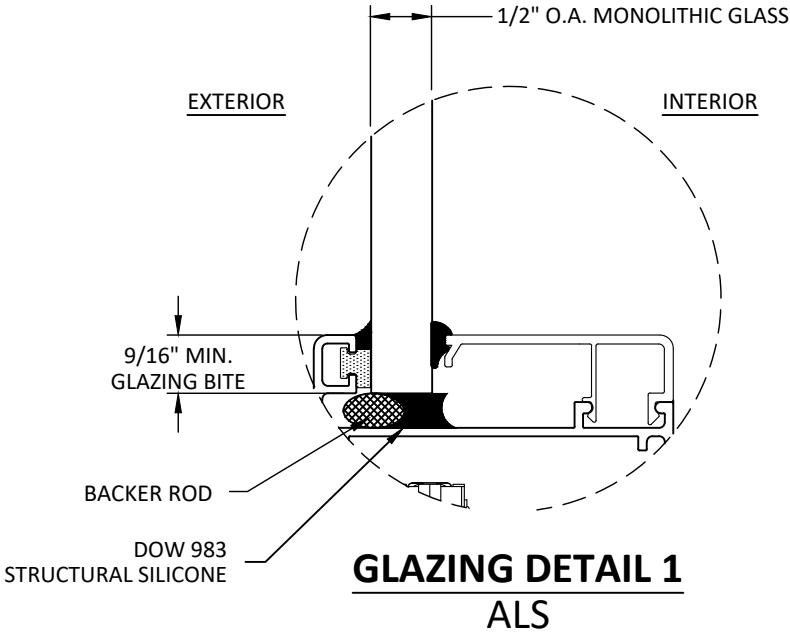
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DWG. #: **WSD016**

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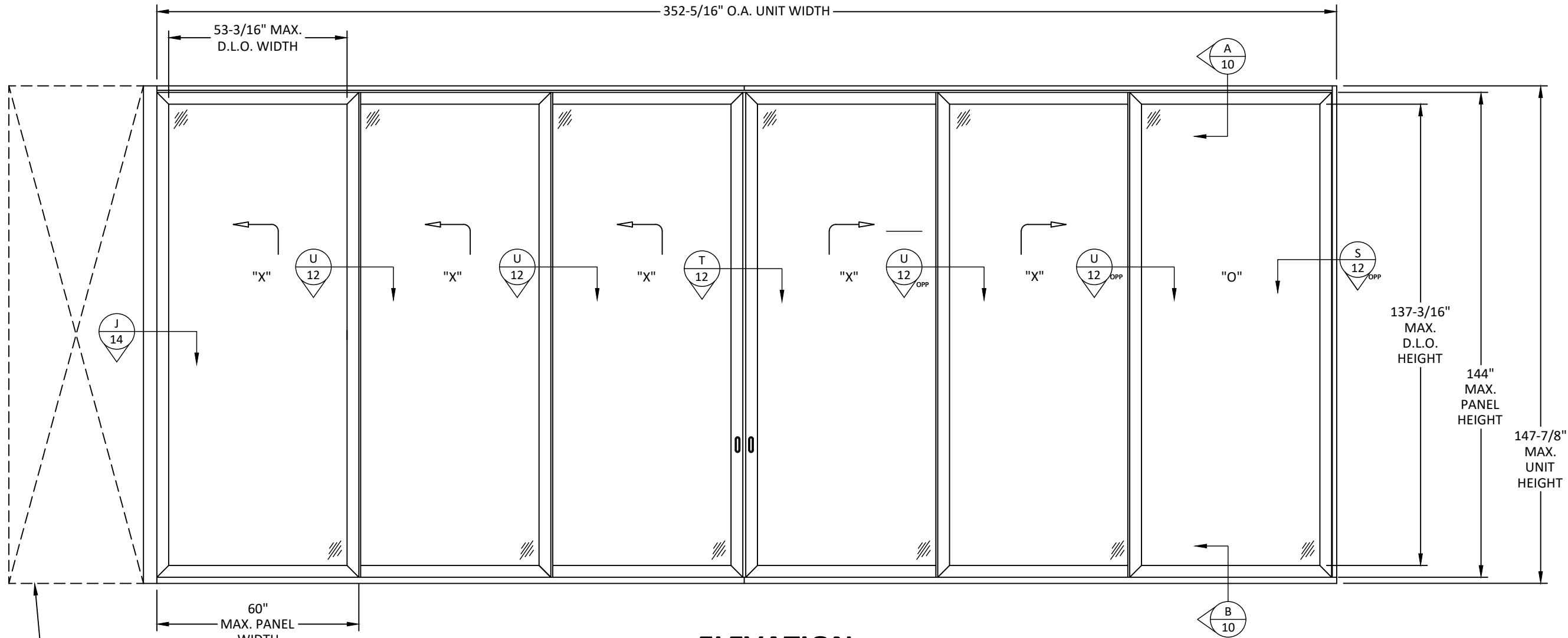
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OF 18



- GLAZING NOTES:
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
 - D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.
 - DOW 983 AND DOW 995 APPROVED AS SEALANTS TO BE USED FOR GLAZING (FILLET BEAD).

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OPTIONAL POCKET,
POCKET CONSTRUCTION
SHALL BE EVALUATED
ON A SITE-BY-SITE BASIS

ELEVATION

3-TRACK
PXXX-XXO

TOP & SIDE JAMB BUTT JOINT
(THERE IS NO PHYSICAL ATTACHMENT
BETWEEN THE SIDE JAMB & THE HEAD
TRACK. THEY BUTT UP TO EACH OTHER
AND ARE FASTENED INDEPENDENTLY
TO THE SIDE AND TOP FRAMING.)

SILICONE ADDED BETWEEN TOP JAMB
AND SIDE JAMB BUTT JOINT FOR
WATER PROOFING

FRAME CORNER DETAIL

NOTES:

- 1) MAX. O.A. UNIT WIDTH = 528.47" (TESTED WIDTH x 1.5), SUCH THAT MAXIMUM PANEL DIMENSIONS SHOWN ON SHEET 6 IS NOT EXCEEDED.
- 2) DOOR SHALL USE SHOOT BOLT LOCKING HARDWARE BY WEILAND AT INTERLOCK STILES, MEETING STILES, AND CORNER STILES INTO THE HEAD AND SILL.
- 3) DOOR SHALL USE LIFT AND SLIDE HARDWARE BY GU.
- 4) SEE PAGE 6 FOR DESIGN PRESSURES BASED ON PANEL SIZE.
- 5) POCKET (P) OR WALL (W) CONDITIONS MAY BE USED AT EITHER SIDE OR BOTH SIDES OF DOOR ASSEMBLY.



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ELEVATION

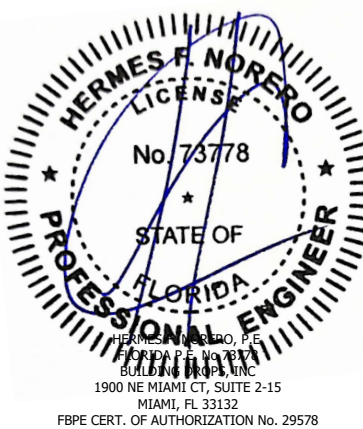
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REMARKS	BY	DATE
DP TABLE REV.	HJ	4/26

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SHEET:	3

TITLE: ALS LIFT AND SLIDE DOOR
(HVHZ)/(NON-IMPACT)

ELEVATION

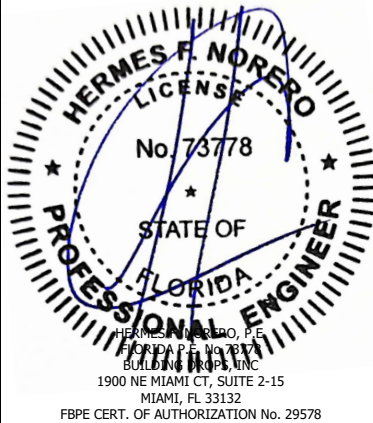
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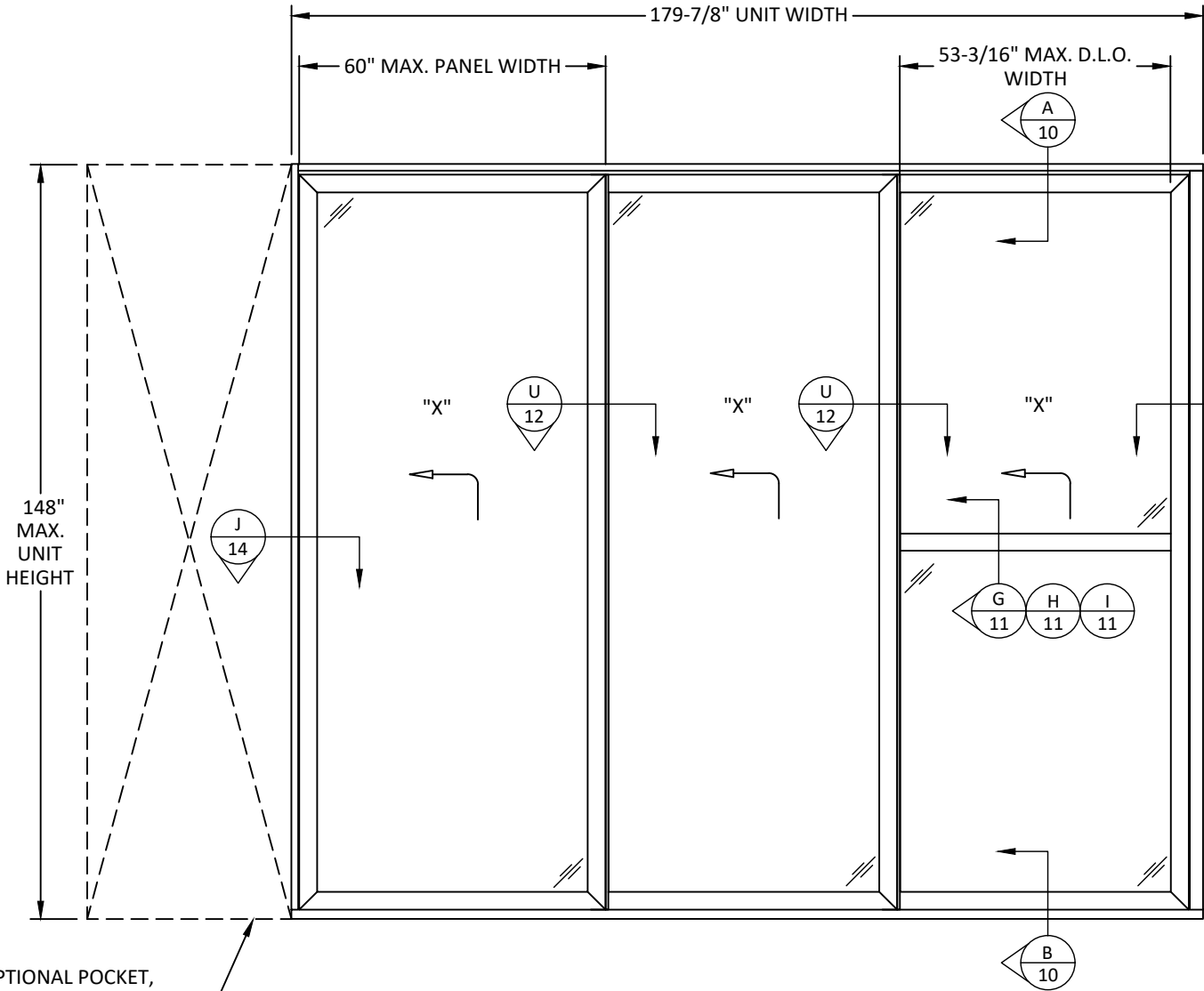
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OF 18

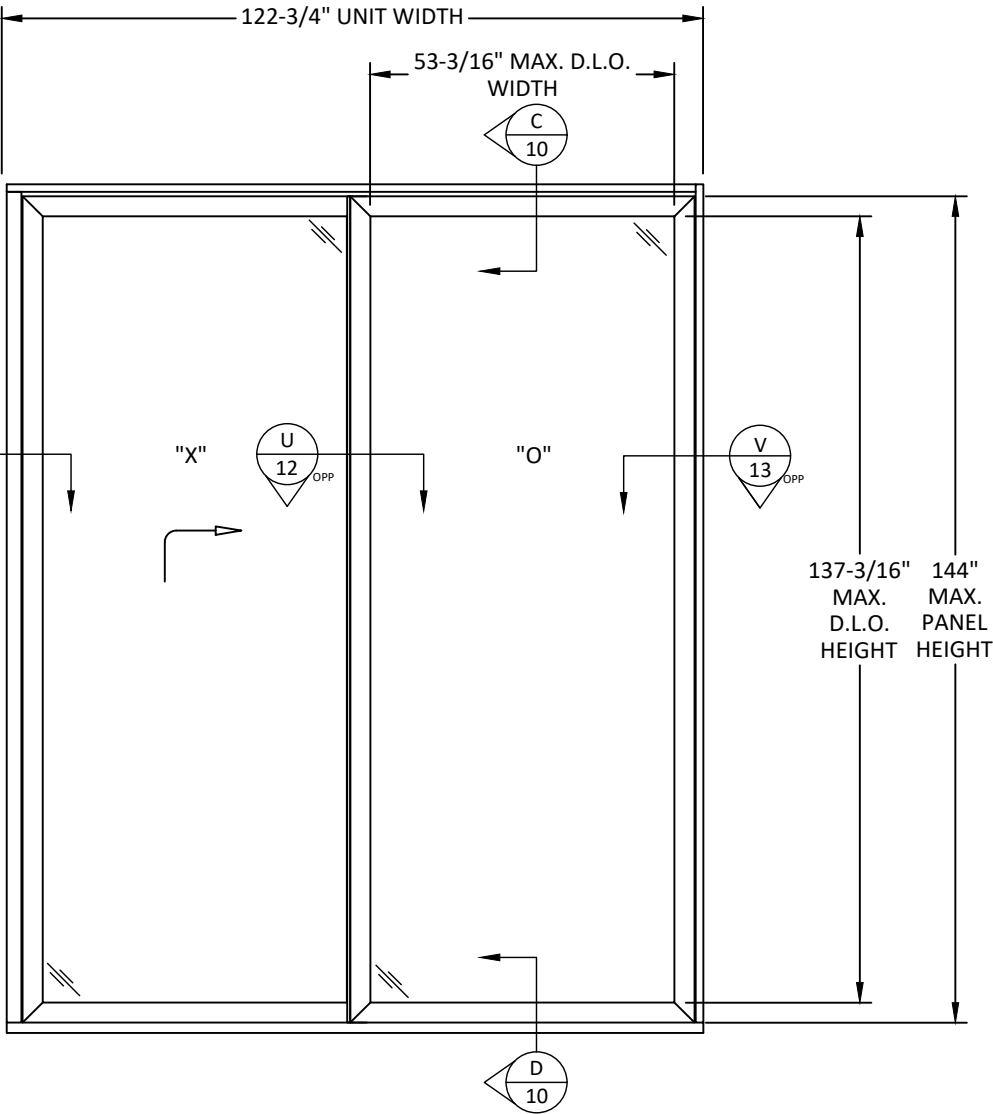


OPTIONAL POCKET,
POCKET CONSTRUCTION
SHALL BE EVALUATED
ON A SITE-BY-SITE BASIS

ELEVATION

90° CORNER
PXXX-XO

90°



NOTES:

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- 2) DOOR SHALL USE SHOOT BOLT LOCKING HARDWARE BY WEILAND AT INTERLOCK STILES, MEETING STILES, AND CORNER STILES INTO THE HEAD AND SILL.
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- 4) SEE SHEET 6 FOR DESIGN PRESSURES BASED ON PANEL SIZE.
- 5) POCKET (P) OR WALL (W) CONDITIONS MAY BE USED AT EITHER SIDE OR BOTH SIDES OF 90 DEGREE CORNER DOOR ASSEMBLY.

ALS LIFT AND SLIDE DOOR
(HVHZ)(NON-IMPACT)

ELEVATIONS

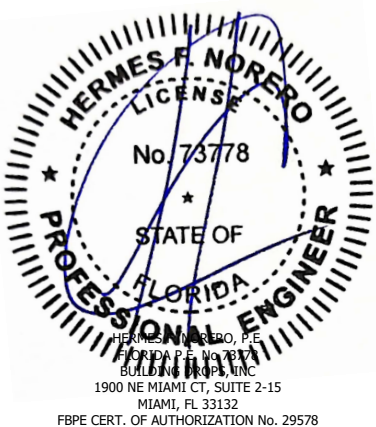


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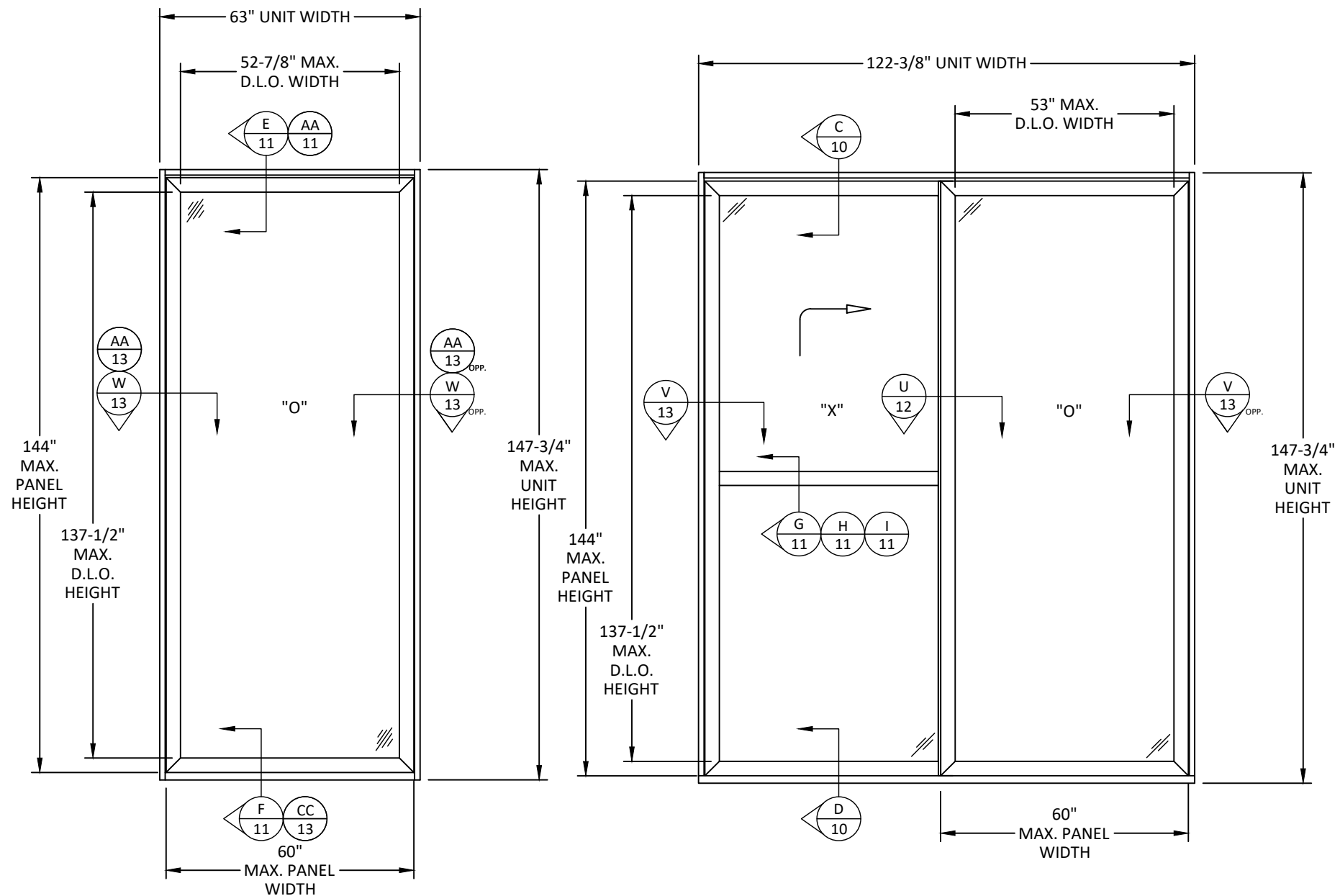
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ELEVATION

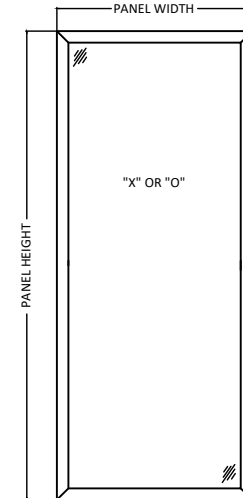
1-TRACK
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ELEVATION

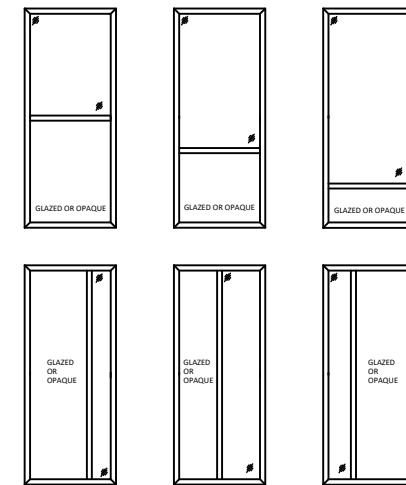
2-TRACK
XO

NOTE:

1. SINGLE TRACK, NON-POCKET, SYSTEMS ARE RETAINED BY H-TRACK FOR SIDE AND HEAD JAMB AND EITHER H-TRACK OR DRAINAGE TRACK FOR THE BOTTOM TRACK. TWO TRACK SYSTEMS USE LOCKING PIN HARDWARE TO ATTACH PANELS TO JAMBS.
2. TESTED MEETING STILE HARDWARE SHALL BE USED ON DOUBLE FIXED DOORS.
3. ONE (1) SHOOT BOLT PER MEETING CONDITION, NONE REQUIRED AT JAMB CONDITION.



ALLOWED LOCKRAIL CONFIGURATIONS:



LOCKRAIL NOTES:

1. LOCKRAILS ARE LIMITED TO A MAXIMUM DESIGN PRESSURE OF +/- 80 PSF.
2. LOCKRAIL MAY BE USED AT ANY LOCATION ON THE PANEL SUCH THAT THE TESTED SQUARE FOOTAGE OF THE INFILL PANEL IS NOT EXCEEDED.
 - 2.1. INFILL PANEL MAX D.L.O SIZE
 $53\text{-}3/16" \times 66\text{-}7/8" = 24.70 \text{ SQ. FT}$
3. MULTIPLE LOCK RAILS CAN BE USED, BUT YOU CANNOT HAVE A LOCK RAIL MEETING A LOCK RAIL.
4. LOCK RAILS SHALL BE LIMITED TO TESTED MAX. SPAN OF 89" D.L.O.
5. LOCK RAILS GREATER THAN 66" D.L.O. HAVE STAINLESS STEEL REINFORCEMENT BAR.

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DESIGN PRESSURE TABLE (PSF)				
NOMINAL DIMS.		SINGLE TRACK WITH SHOOTBOLT	MULTI TRACK WITH SHOOTBOLT	MULTI TRACK WITHOUT SHOOTBOLT
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)			
36	78	35.0	80.0	55.0
42		35.0	80.0	55.0
48		35.0	80.0	55.0
54		35.0	80.0	55.0
60		35.0	80.0	55.0
66		35.0	80.0	55.0
72		35.0	80.0	55.0
78		35.0	80.0	55.0
84		35.0	80.0	55.0
90		35.0	80.0	55.0
96		35.0	80.0	55.0
102		35.0	80.0	55.0
36	84	35.0	80.0	55.0
42		35.0	80.0	55.0
48		35.0	80.0	55.0
54		35.0	80.0	55.0
60		35.0	80.0	55.0
66		35.0	80.0	55.0
72		35.0	80.0	55.0
78		35.0	80.0	55.0
84		35.0	80.0	55.0
90		35.0	80.0	55.0
96		35.0	80.0	55.0
102		35.0	80.0	55.0
36	90	35.0	80.0	55.0
42		35.0	80.0	55.0
48		35.0	80.0	55.0
54		35.0	80.0	55.0
60		35.0	80.0	55.0
66		35.0	80.0	54.5
72		35.0	79.2	52.8
78		35.0	77.4	51.6
84		35.0	76.3	50.9
90		35.0	76.0	50.7
96		35.0	76.0	50.7
36	96	35.0	80.0	55.0
42		35.0	80.0	55.0
48		35.0	80.0	55.0
54		35.0	80.0	55.0
60		35.0	80.0	55.0
66		35.0	74.0	49.4
72		35.0	71.3	47.5
78		35.0	69.2	46.2
84		35.0	67.9	45.2
90		35.0	67.1	44.7
36	102	35.0	80.0	55.0
42		35.0	80.0	55.0
48		35.0	80.0	54.8
54		35.0	76.0	50.7
60		35.0	71.3	47.5
66		35.0	67.6	45.1
72		35.0	64.8	43.2
78		35.0	62.6	41.8
84		35.0	61.1	40.7

DESIGN PRESSURE TABLE (PSF)				
NOMINAL DIMS.		SINGLE TRACK WITH SHOOTBOLT	MULTI TRACK WITH SHOOTBOLT	MULTI TRACK WITHOUT SHOOTBOLT
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)			
36	108	35.0	80.0	55.0
42		35.0	80.0	55.0
48		35.0	76.3	50.9
54		35.0	70.4	46.9
60		35.0	65.8	43.8
66		35.0	62.2	41.5
72		35.0	59.4	39.6
78		35.0	57.2	38.1
80		35.0	56.6	37.7
36	114	35.0	80.0	55.0
42		35.0	78.8	52.5
48		35.0	71.3	47.5
54		35.0	65.5	43.7
60		35.0	61.1	40.7
66		35.0	57.6	38.4
72		35.0	54.8	36.5
75		35.0	53.6	35.8
36	120	35.0	80.0	55.0
42		35.0	74.0	49.4
48		35.0	66.8	44.5
54		35.0	61.3	40.9
60		35.0	57.0	38.0
66		35.0	53.6	35.7
72		35.0	50.9	33.9
75		35.0	49.7	33.2
36	126	35.0	79.2	52.8
42		35.0	69.8	46.5
48		35.0	62.9	41.9
54		35.0	57.6	38.4
60		35.0	53.4	35.6
66		35.0	50.1	33.4
68		35.0	49.2	32.8
36	132	35.0	75.0	50.0
42		35.0	66.0	44.0
48		35.0	59.4	39.6
54		35.0	54.3	36.2
60		35.0	50.3	33.5
65		35.0	47.6	31.7
36	138	35.0	71.3	47.5
42		35.0	62.6	41.8
48		35.0	56.3	37.5
54		35.0	51.4	34.2
60		35.0	47.5	31.7
62		35.0	46.4	30.9
36	144	35.0	67.9	45.2
42		35.0	59.6	39.7
48		35.0	53.4	35.6
54		35.0	48.7	32.5
60		35.0	45.0	30.0

DESIGN PRESSURE TABLE (PSF)				
NOMINAL DIMS.		SINGLE TRACK WITH SHOOTBOLT	MULTI TRACK WITH SHOOTBOLT	MULTI TRACK WITHOUT SHOOTBOLT
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)			
36	144	35.0	67.9	45.2
42		35.0	59.6	39.7
48		35.0	53.4	35.6
54		35.0	48.7	32.5
60		35.0	45.0	30.0
36	150	35.0	63.3	42.2
42		35.0	54.7	36.5
48		35.0	48.3	32.2
54		33.8	43.4	29.0
57		32.2	41.4	27.6
36	156	35.0	56.2	37.4
42		35.0	48.5	32.3
48		33.3	42.8	28.6
54		29.9	38.5	25.6
55		29.4	37.8	25.2
36	162	35.0	50.1	33.4
42		33.6	43.2	28.8
48		29.7	38.1	25.4
53		27.1	34.8	23.2
36	168	34.9	44.8	29.9
42		30.1	38.7	25.8
48		26.5	34.1	22.7
51		25.1	32.2	21.5

NOTE:

- CORNER CONSTRUCTIONS ARE CONSIDERED "MULTI-TRACK" EVEN IF THEY STAGGER DOWN TO A SINGLE TRACK.
- MULTI-TRACK IS A TRACK THAT STAGGERS DOWN TO AT LEAST TWO TRACKS.
- FULL HEAD/CONTINUOUS TRACK IS ALSO CONSIDERED A MULTI-TRACK.
- PX OR PX-XP UNITS WITH SINGLE HEAD TRACK GET THE SINGLE TRACK RATING, PX OR PX-XP UNITS CAN BE MADE WITH TWO HEAD JAMBS/TRACKS TO GET MULTI-TRACK RATING.
- O & O-O OR STATIONARY ONLY PANELS THAT USE THE H-TRACK GET THE MULTI-TRACK RATING, EVEN IF IT ONLY USES A SINGLE HEAD TRACK.
- SINGLE TRACK "O", "O-O", OR STATIONARY ONLY PANELS WITHOUT SHOOTBOLTS ARE CONSIDERED MULTI-TRACK WITHOUT SHOOTBOLTS.



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OCEANSIDE, CA 92056
PH: (760) 722.8828 FX: (760) 722.8838

TITLE:
ALS LIFT AND SLIDE DOOR
(HVHZ)/(NON-IMPACT)

DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.

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MIAMI, FL 33132

PH:

(954) 399-9478

FAX:

(954) 744-4738

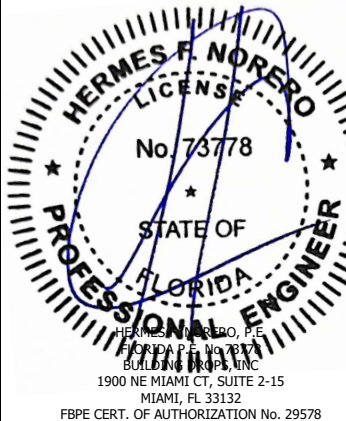
WEB:

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REMARKS	BY	DATE
DP TABLE REV.	HJ	4/26

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DATE: 07.30.25

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CHK. BY:
HFN

SCALE: NTS

DWG. #: WSD016

SHEET:

6



1319 ROCKY POINT DR #100
OCEANSIDE, CA 92056
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TITLE: ALS LIFT AND SLIDE DOOR
(HVHZ)/(NON-IMPACT)

ANCHOR LAYOUT

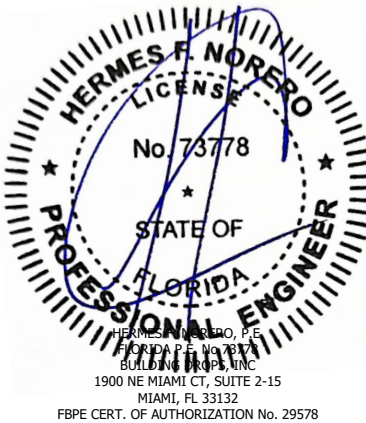
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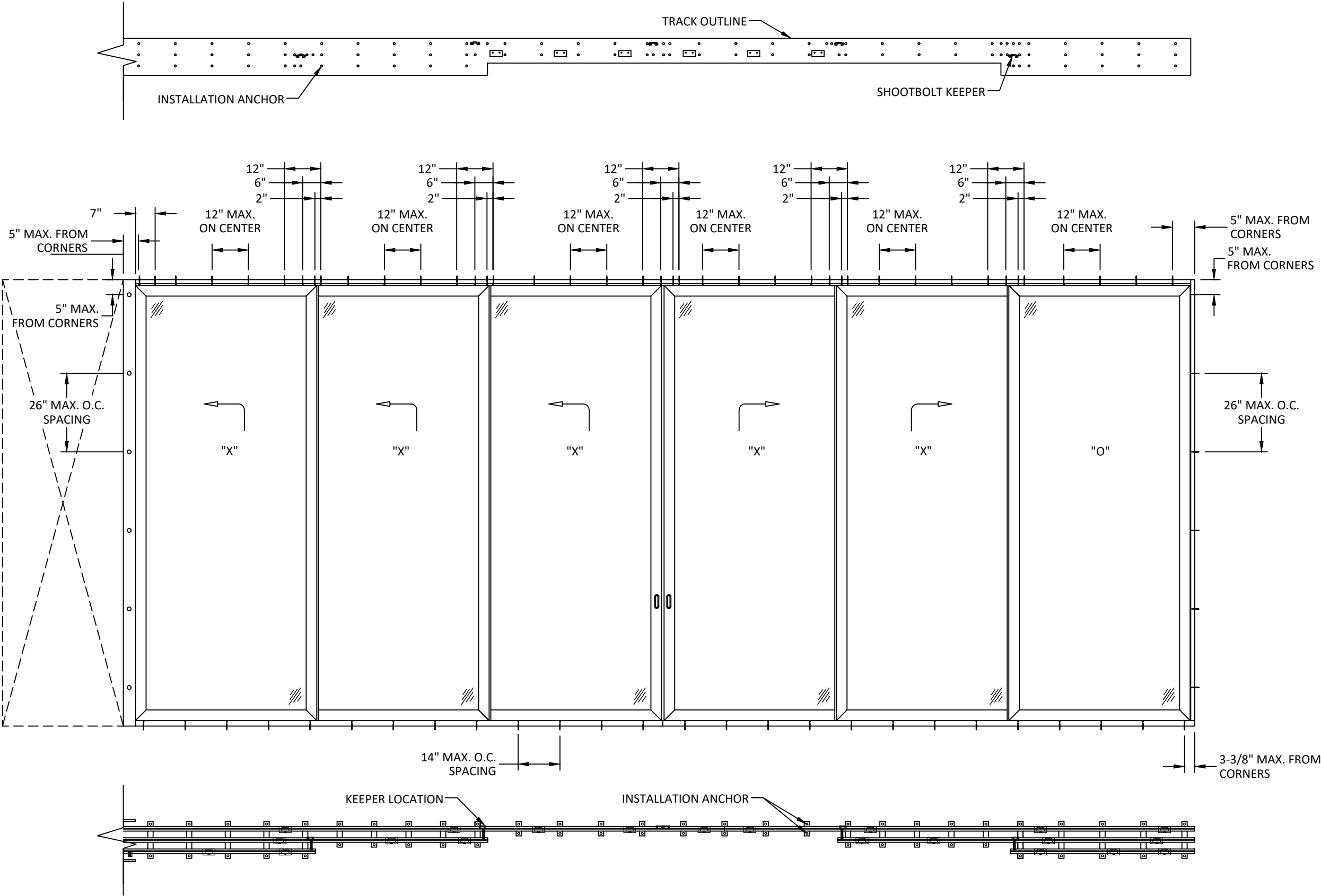
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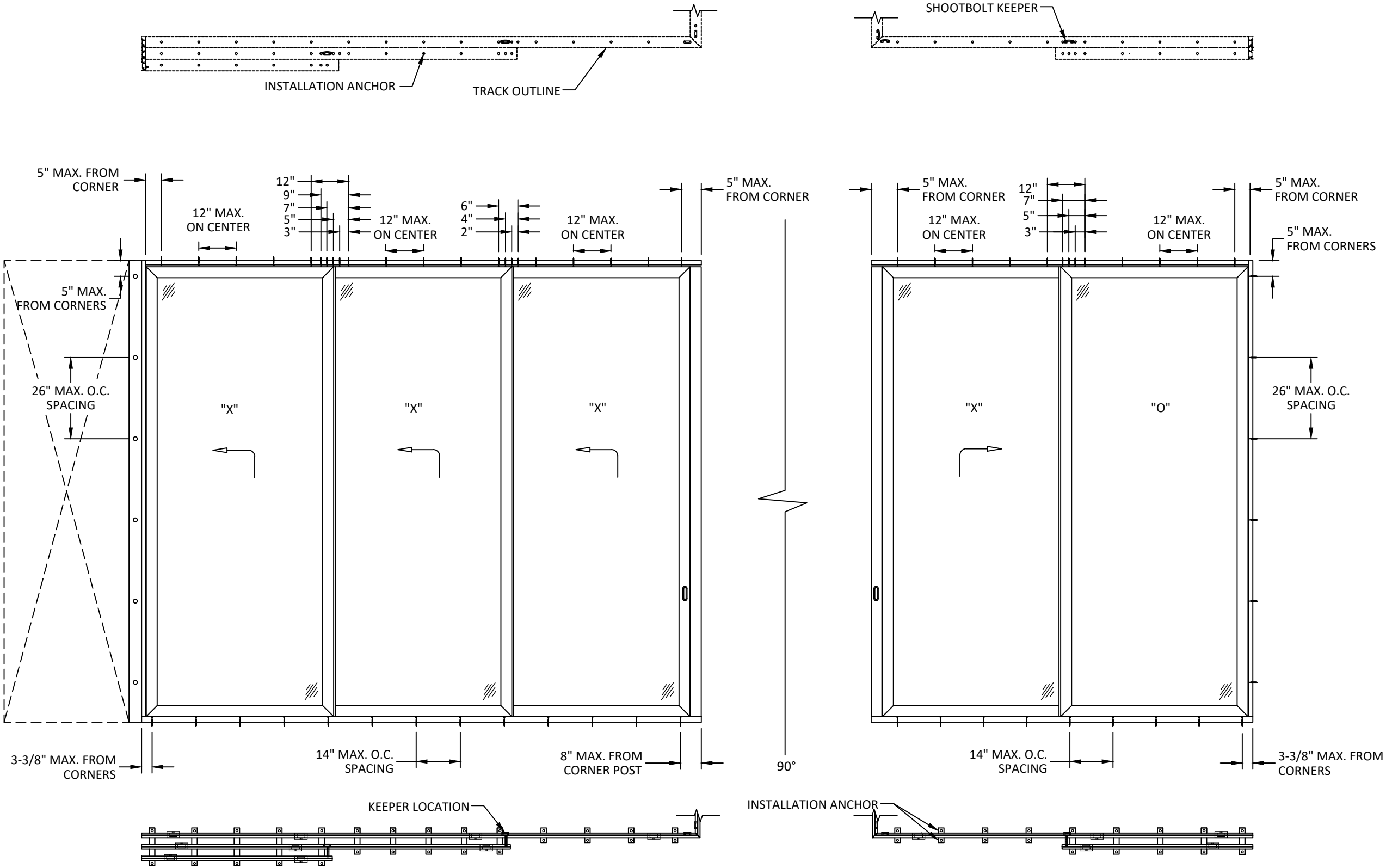


NOTE:
1) IF SYSTEM EXCEEDS 288", SPLITS WILL BE PRESENT
IN THE TOP/BOTTOM TRACKS.

ANCHOR LAYOUT

NOTE:
1) SEE SHEET 10 FOR ANCHOR LAYOUT FOR SINGLE AND DOUBLE
FIXED PANELS.

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NOTE:
1) ANCHOR LOCATIONS AT THE HEAD MARKED WITH AN ASTERISK (*) ARE NOT REQUIRED WHEN INSTALLING TO WOOD SUBSTRATE.

ANCHOR LAYOUT

NOTE:
1) SEE SHEET 10 FOR ANCHOR LAYOUT FOR SINGLE AND DOUBLE FIXED PANELS.



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ANCHOR LAYOUT

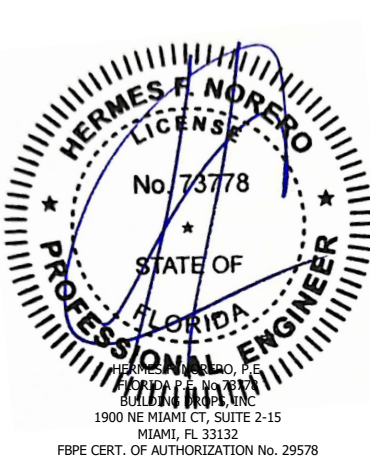
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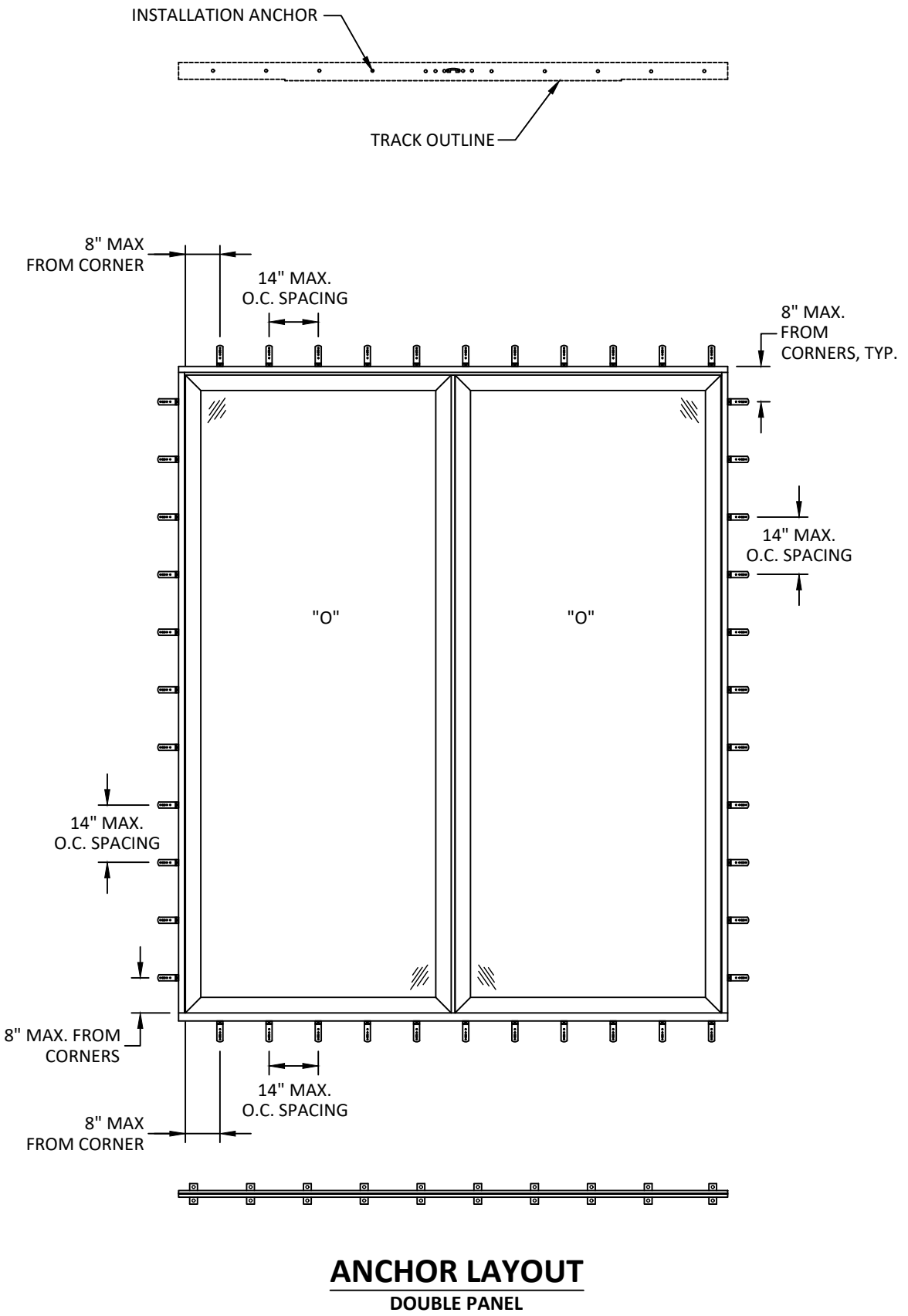
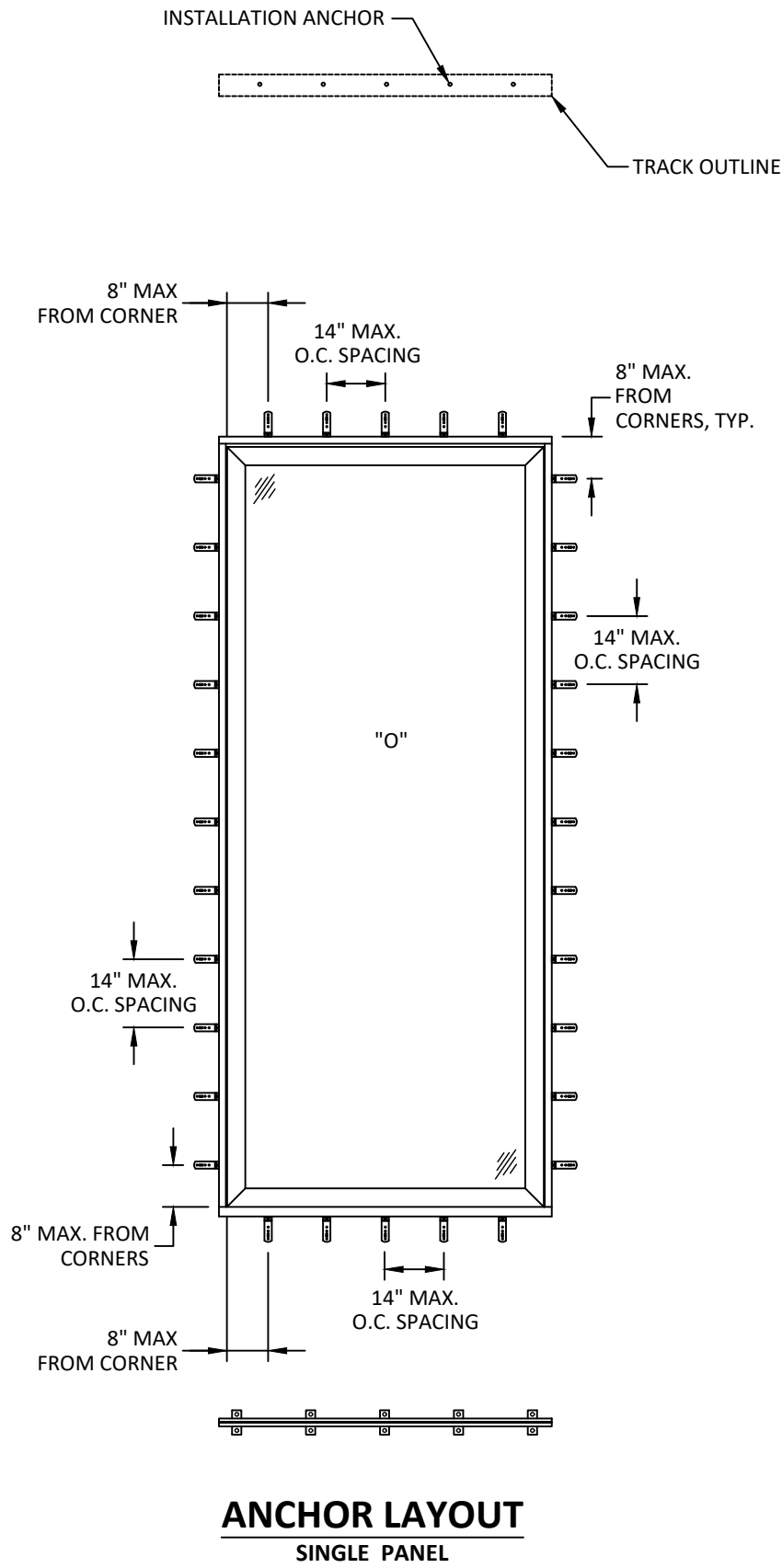
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SHEET:	8

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TITLE: ALS LIFT AND SLIDE DOOR (HVHZ)/(NON-IMPACT)

ANCHOR LAYOUTS

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FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47871**

DATE: **07.30.25**

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DWG. #: **WSD016**

SHEET: **9**

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1319 ROCKY POINT DR #100
OCEANSIDE, CA 92056
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TITLE: ALS LIFT AND SLIDE DOOR
(HVHZ)/(NON-IMPACT)

VERTICAL SECTIONS

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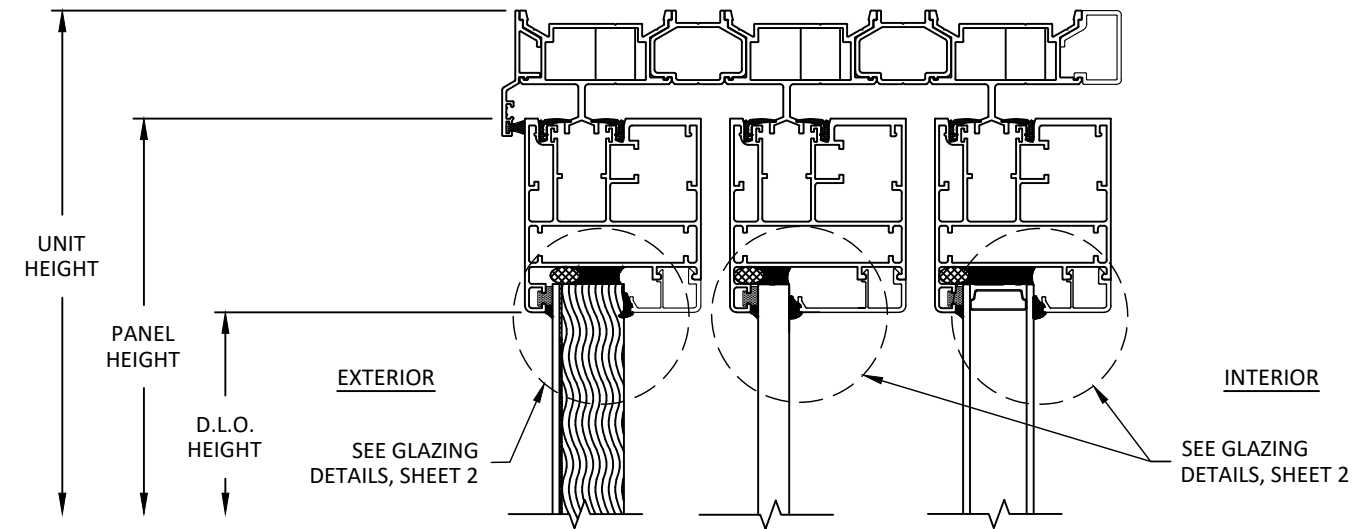
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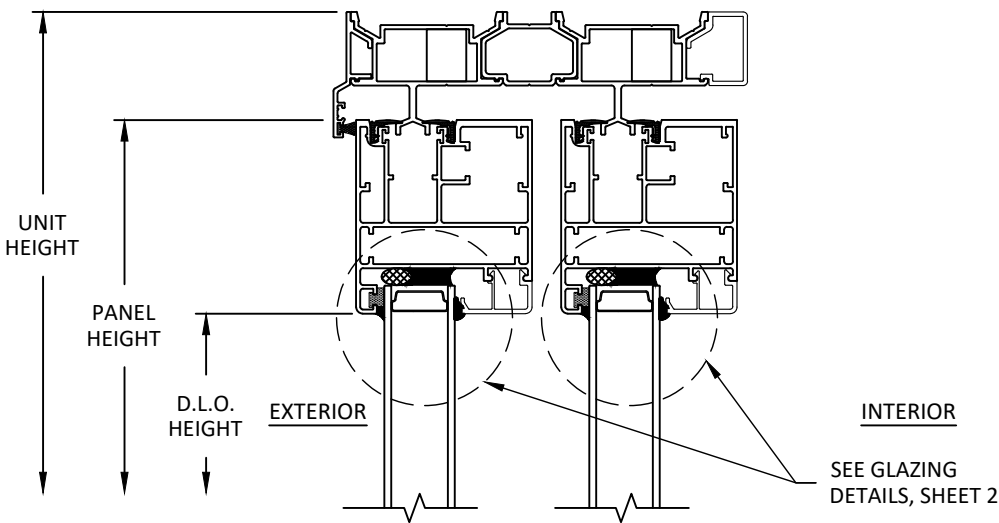
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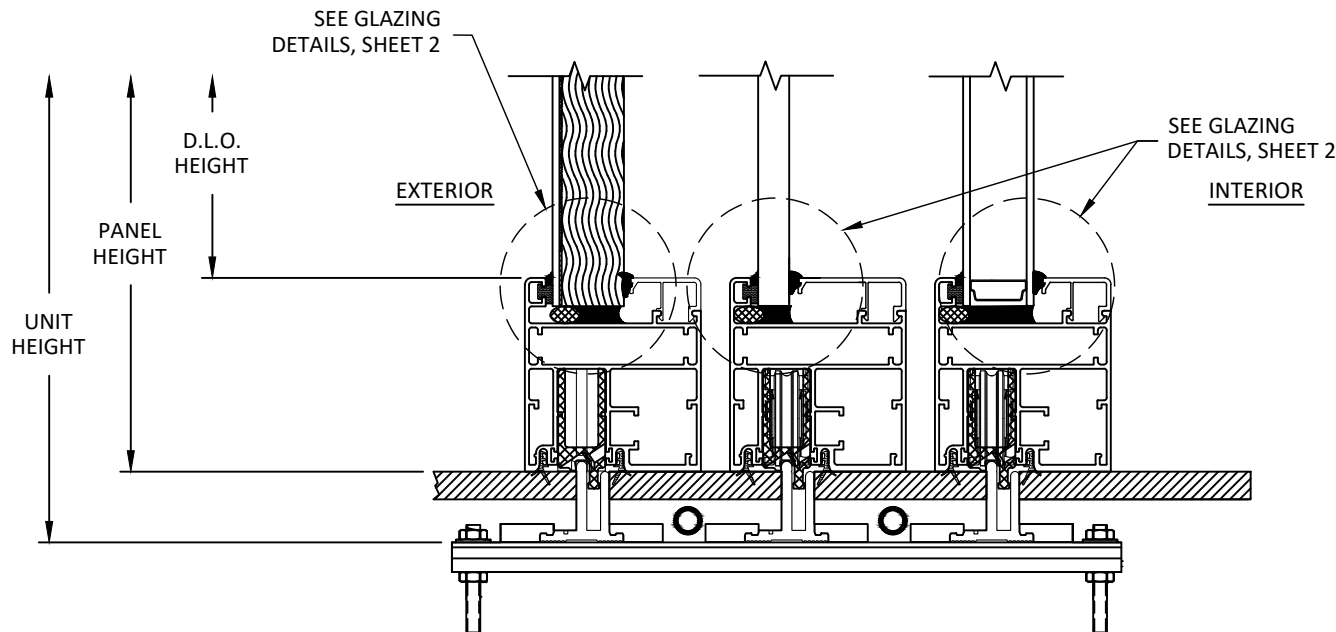


A
10 VERTICAL SECTION
ALS HEAD
3 TRACK

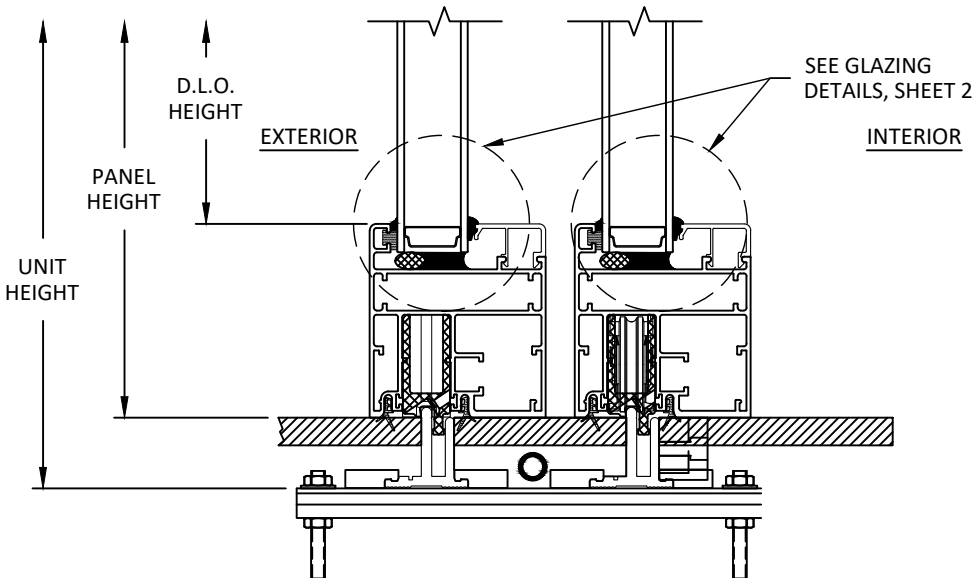


C
10 VERTICAL SECTION
ALS HEAD
2 TRACK

NOTES:
ALL GLAZING OPTIONS MAY BE USED ON
ALL CONFIGURATIONS SHOWN.

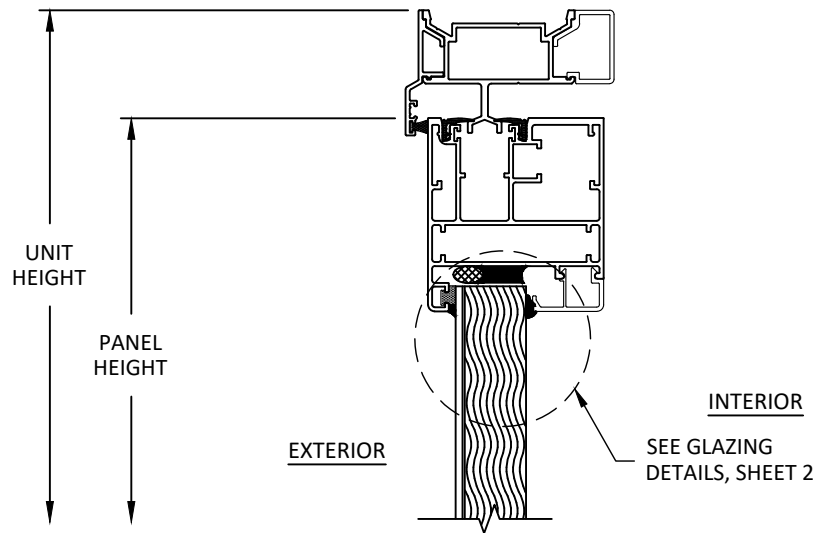


B
10 VERTICAL SECTION
ALS SILL
3 TRACK

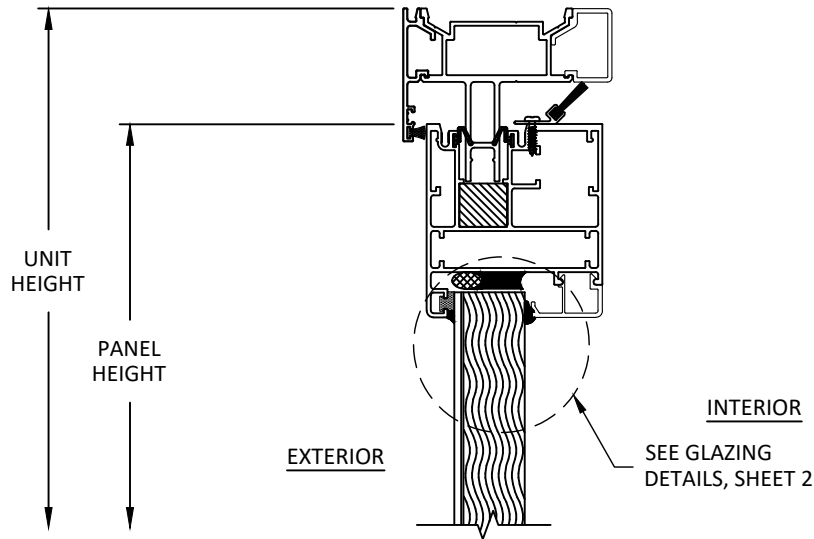


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10 VERTICAL SECTION
ALS SILL
2 TRACK

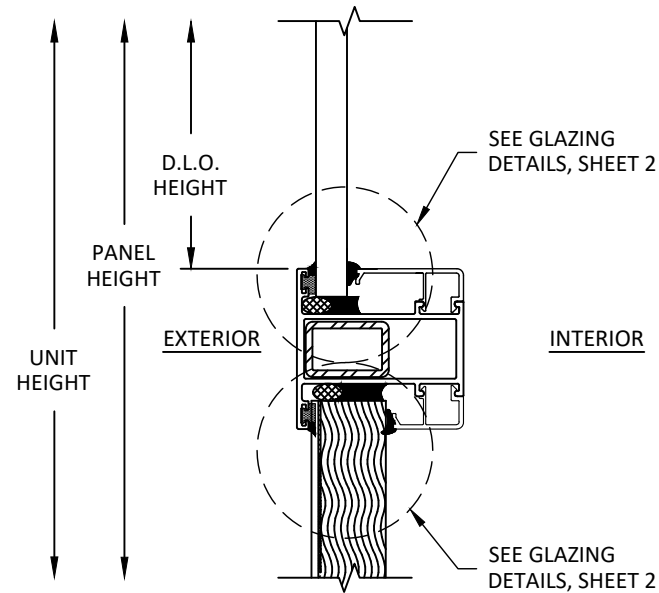
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E
11 **VERTICAL SECTION**
ALS HEAD
1 TRACK

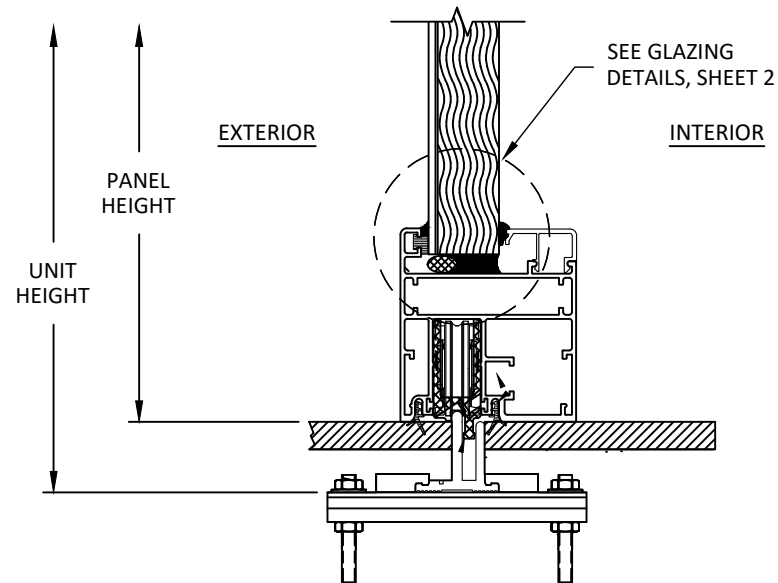


AA
11 **VERTICAL SECTION**
ALS HEAD
H TRACK

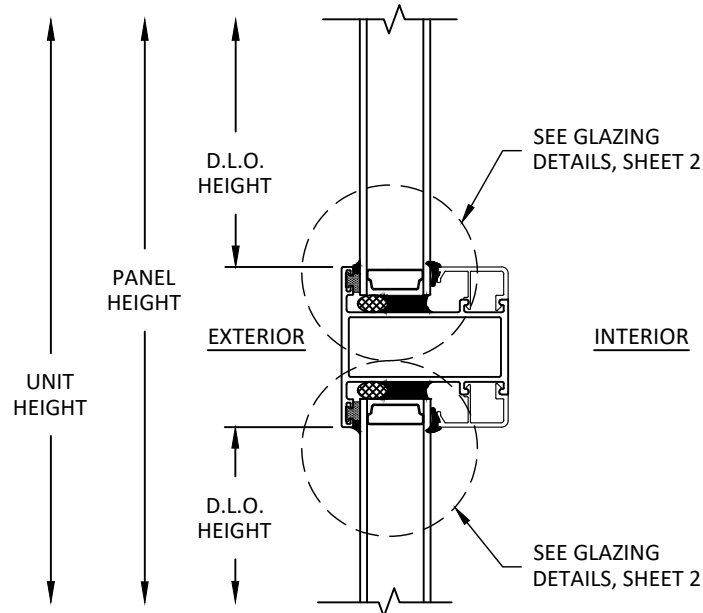


I
11 **VERTICAL SECTION**
ALS MIDRAIL - GLASS OVER INFILL PANEL
REINFORCED

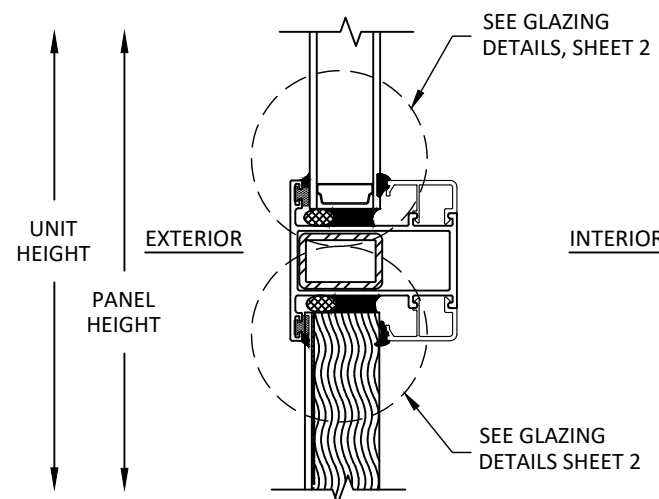
- NOTES:
1. STEEL REINFORCEMENT FOR MID-RAIL ONLY REQUIRED FOR VERTICAL OR HORIZONTAL MID-RAILS EXCEEDING 66".
 2. ALL GLAZING OPTIONS MAY BE USED ON ALL CONFIGURATIONS SHOWN.



F
11 **VERTICAL SECTION**
ALS SILL
1 TRACK



G
11 **VERTICAL SECTION**
ALS MIDRAIL - GLASS OVER GLASS
NON - REINFORCED



H
11 **VERTICAL SECTION**
ALS MIDRAIL - INFILL OVER INFILL
REINFORCED



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TITLE: ALS LIFT AND SLIDE DOOR
(HVHZ)/(NON-IMPACT)

VERTICAL SECTIONS

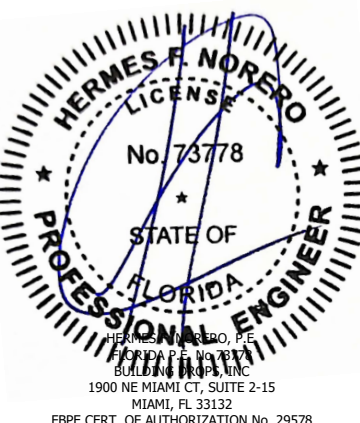
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DWG. #:	WSD016		
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III: ALS LIFT AND SLIDE DOOR (HVHZ)(NON-IMPACT)

HORIZONTAL SECTIONS

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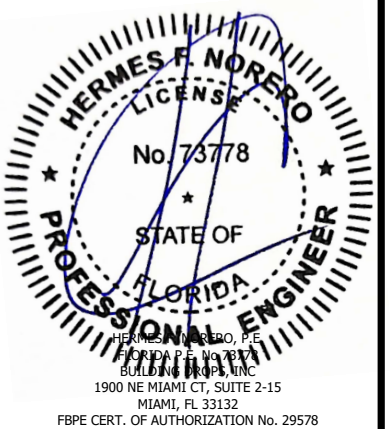
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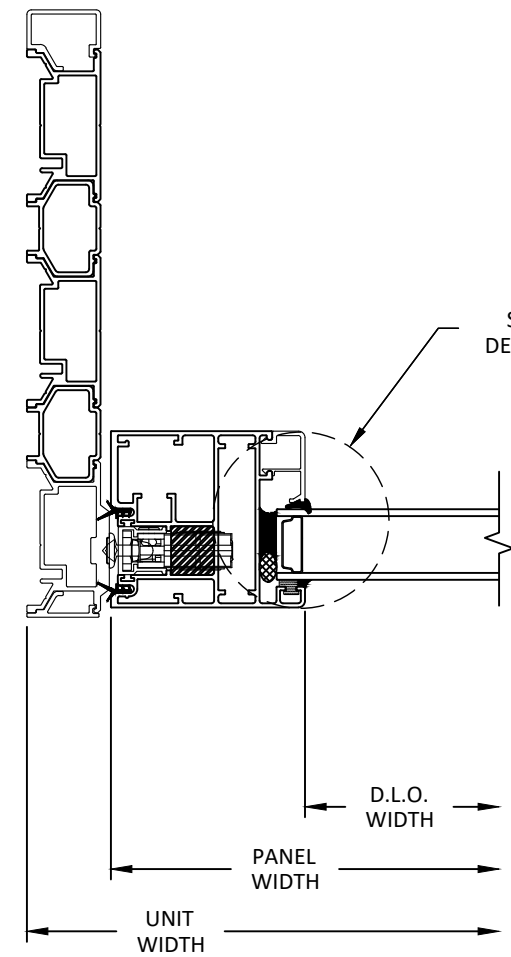
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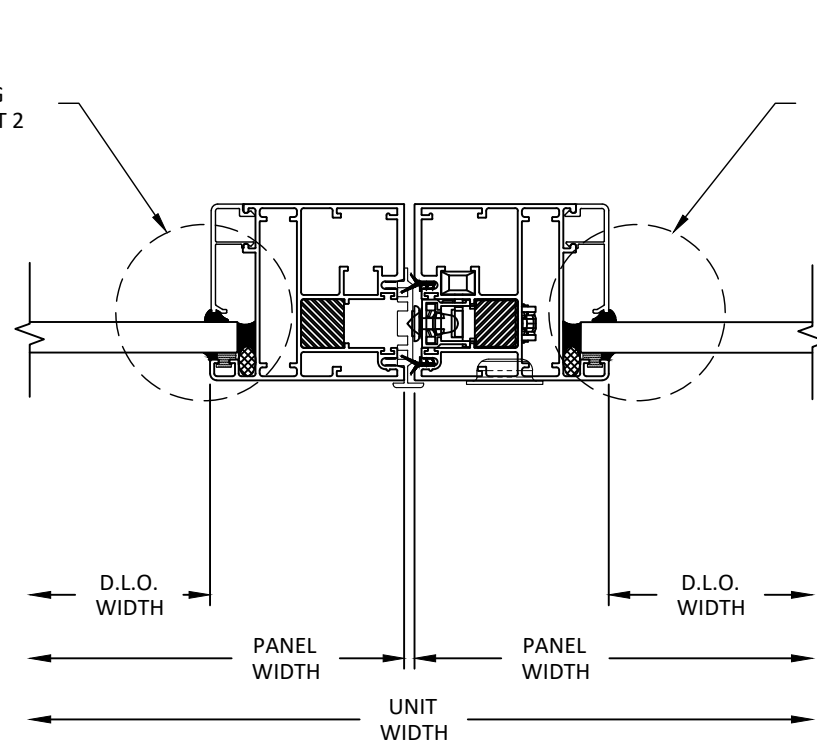
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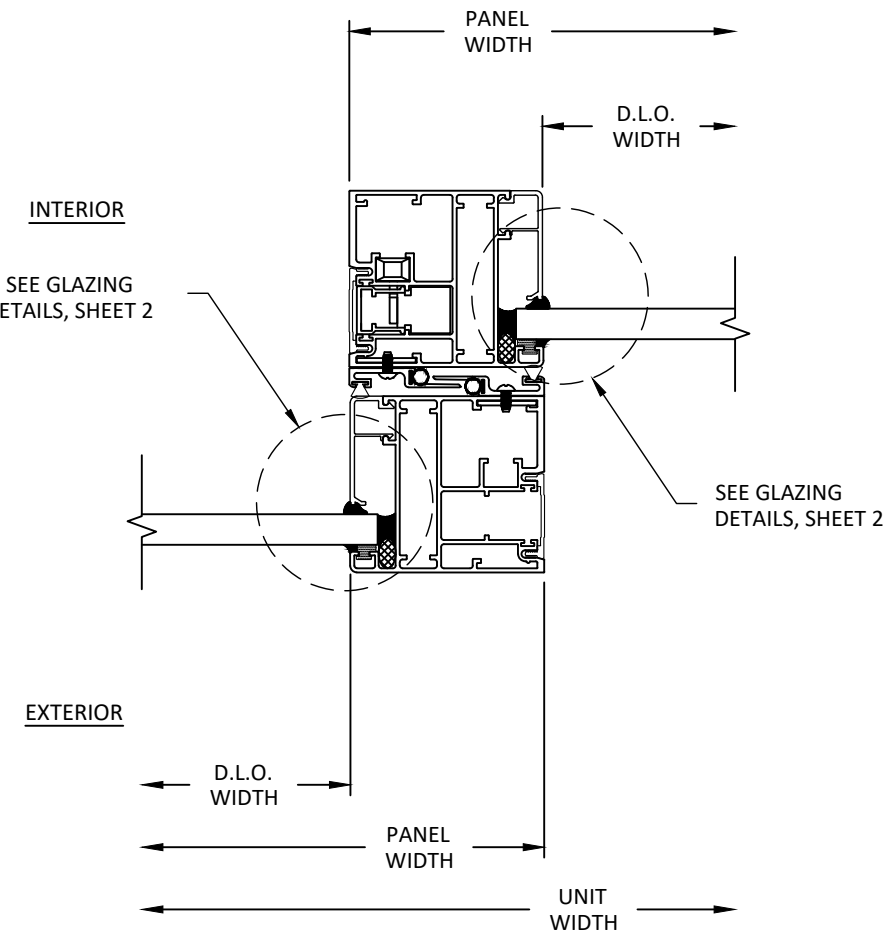
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S 12 HORIZONTAL SECTION ALS JAMB 3 TRACK

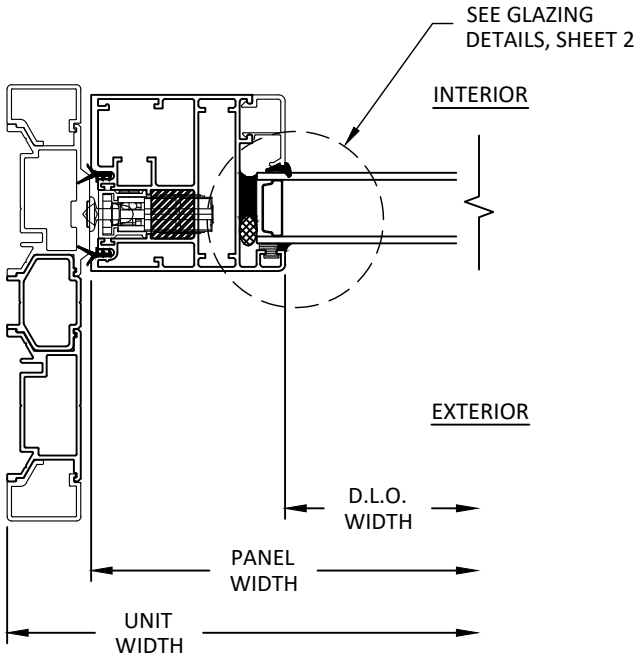


T 12 HORIZONTAL SECTION



U 12 HORIZONTAL SECTION

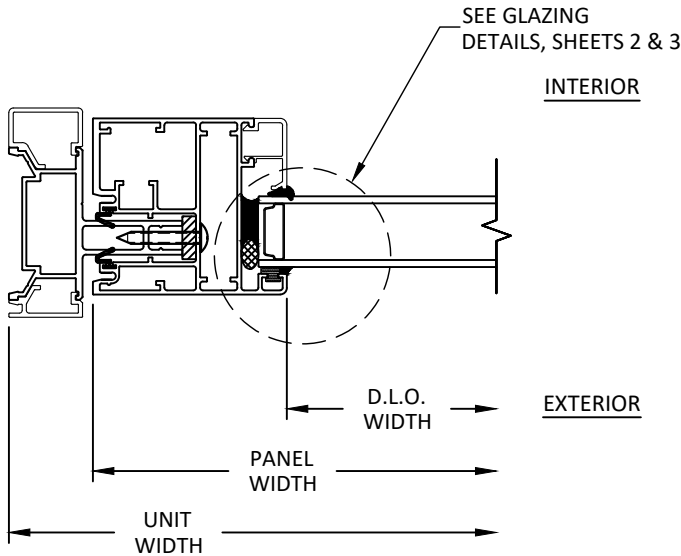
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V
13

HORIZONTAL SECTION

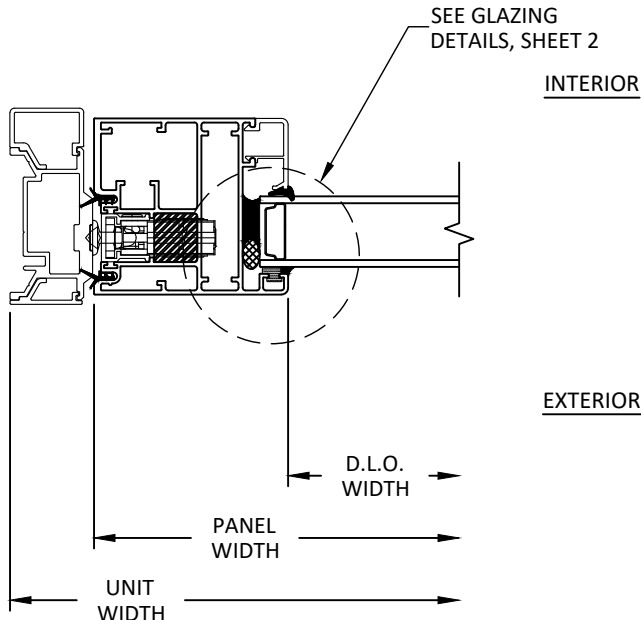
ALS JAMB
2-TRACK



AA
13

HORIZONTAL SECTION

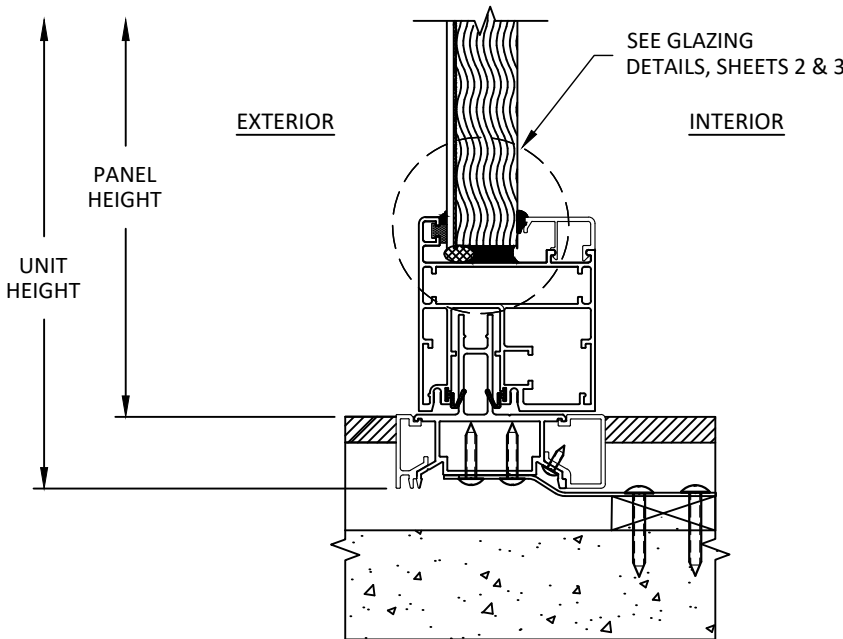
ALS JAMB
H-TRACK



W
13

HORIZONTAL SECTION

ALS JAMB
1-TRACK



CC
13

VERTICAL SECTION

ALS SILL
H TRACK



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TITLE: ALS LIFT AND SLIDE DOOR
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HORIZONTAL SECTIONS
& VERTICAL SECTION

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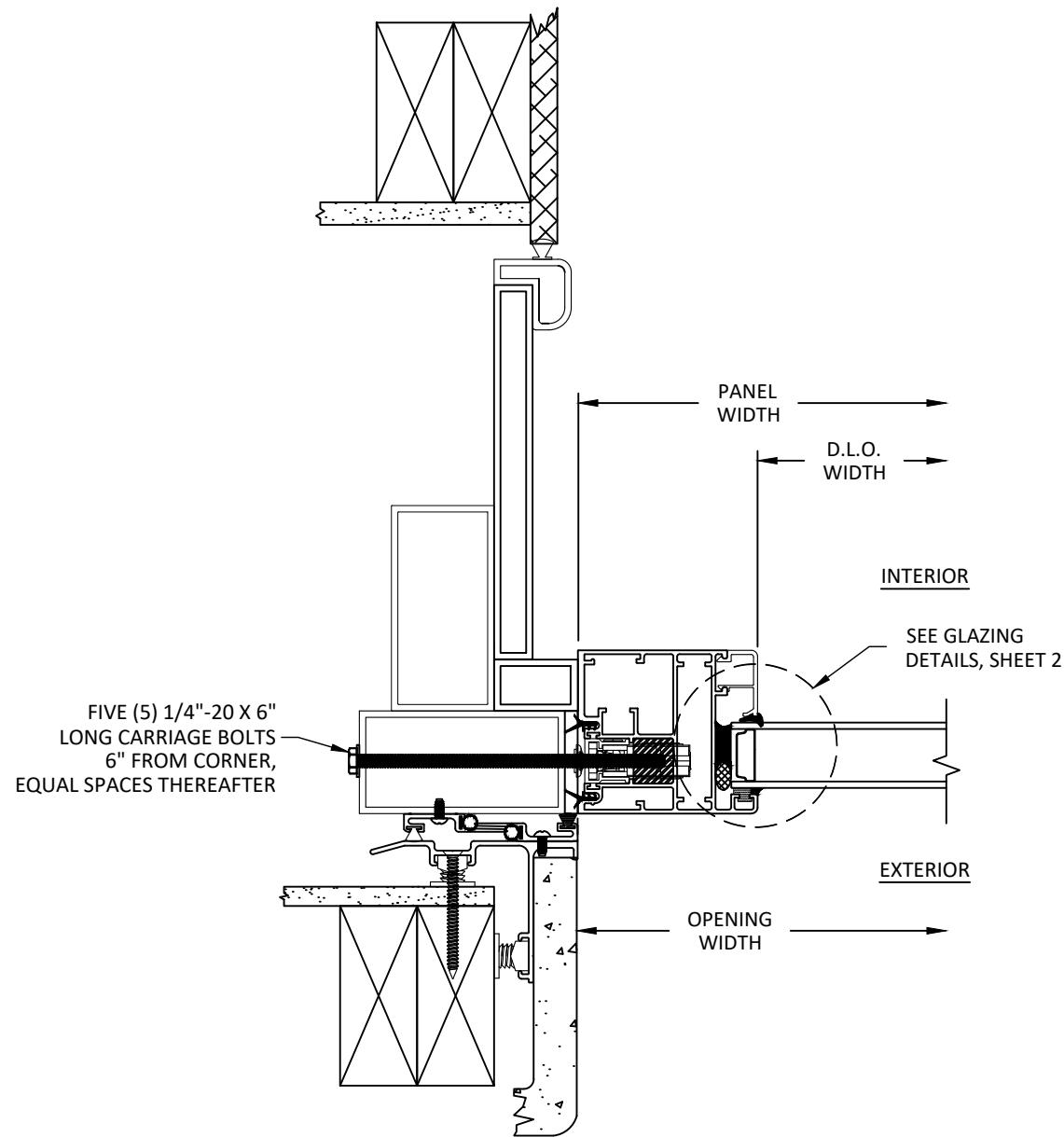
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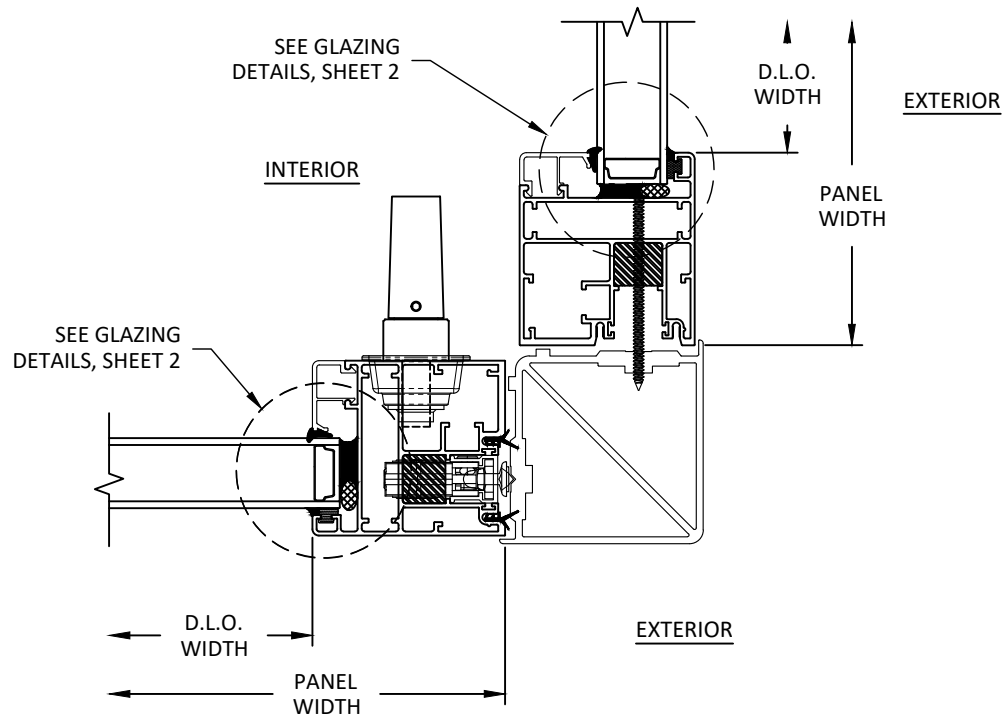
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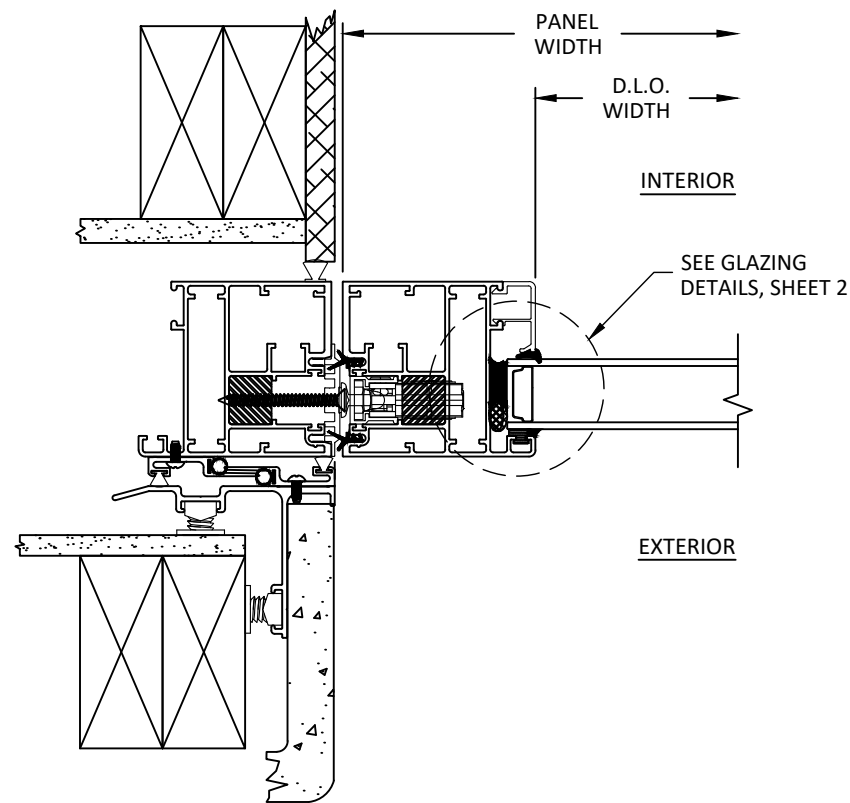
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SCALE:	NTS
DWG. #:	WSD016
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J
14 **HORIZONTAL SECTION**
ALS 3-TRACK POCKET JAMB



K
14 **HORIZONTAL SECTION**
ALS 90° CORNER POST



L
14 **HORIZONTAL SECTION**
ALS 1-TRACK WALL JAMB



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TITLE: ALS LIFT AND SLIDE DOOR
(HVHZ)/(NON-IMPACT)

HORIZONTAL SECTIONS

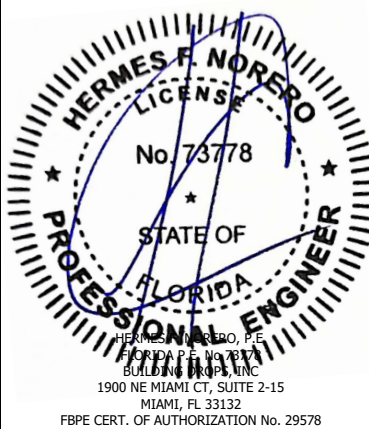
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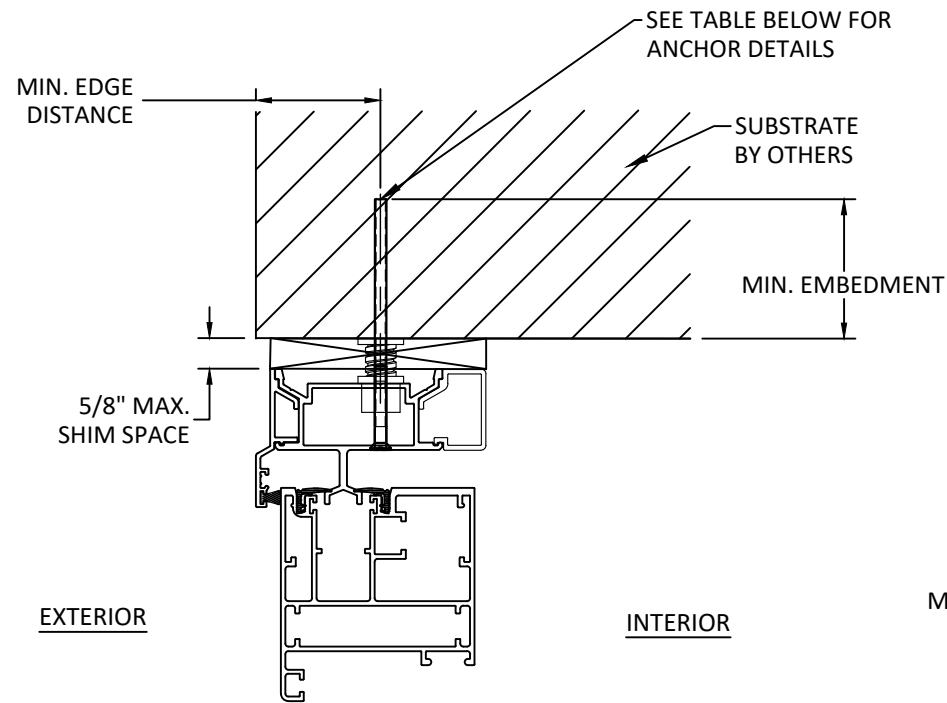
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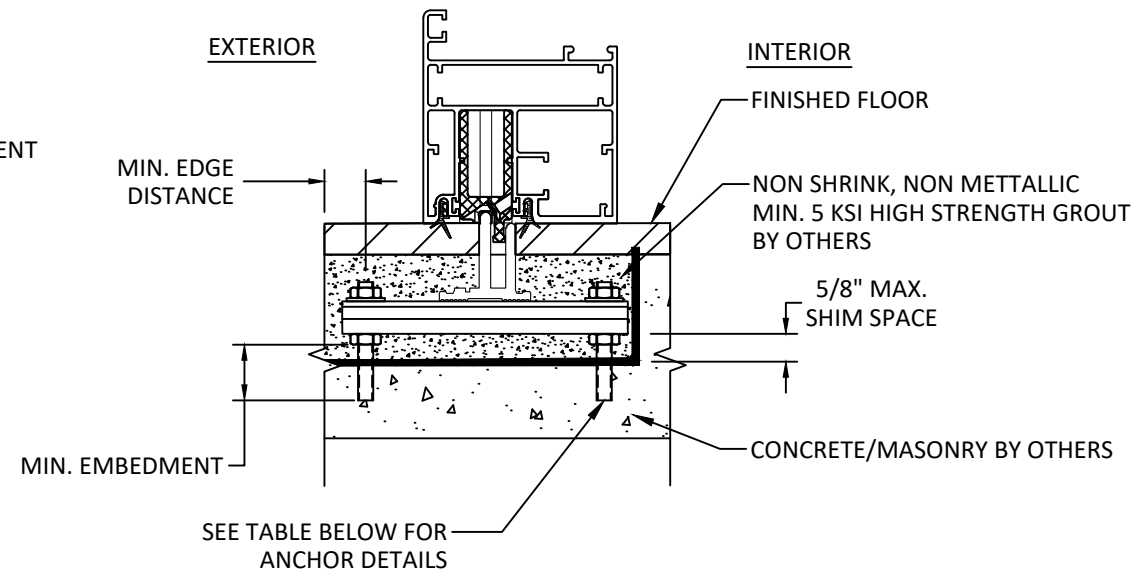
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M 15 **VERTICAL SECTION**
1-TRACK HEAD - THROUGH FRAME

INSTALLATION NOTES:

- ONE INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEETS 7,8, & 9.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS AT ALL JACKING SCREW LOCATIONS WITHIN A TOLERANCE OF $\pm 1/4$ INCH OF 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.
- 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 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.
- 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.
- FOR INSTALLATION INTO PRESSURE TREATED WOOD AT SILL USE #14 STAINLESS STEEL WOOD SCREWS OR 1/4" GALVANIZED OR STAINLESS STEEL HANGER BOLT OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT. ANCHORS SHALL MAINTAIN A MIN. EDGE DISTANCE OF 3/4" & 3" MIN. O.C. SPACING. MAXIMUM SHIM SPACE TO BE 1/2".



N 15 **VERTICAL SECTION**
1-TRACK SILL - THROUGH FRAME

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"
	METAL: 16 GAUGE STEEL, MIN. Fy = 36KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.25"	2.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI		1.00"	2.00"
	CONCRETE: f'c=3000PSI	1/4"-20 GALVANIZED OR 300 SERIES STAINLESS STEEL THREADED ROD OR BOLT WITH APPROVED *ADHESIVE	1.25"	2.50"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI		1.25"	2.50"

*QUALIFIED ADHESIVES: HILTI HIT-HY 200, HILTI HIT-HY 150 MAX -SD, POWERS AC100+ GOLD, OR SIMPSON AT-XP



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PH: (760) 722.8828 FX: (760) 722.8838

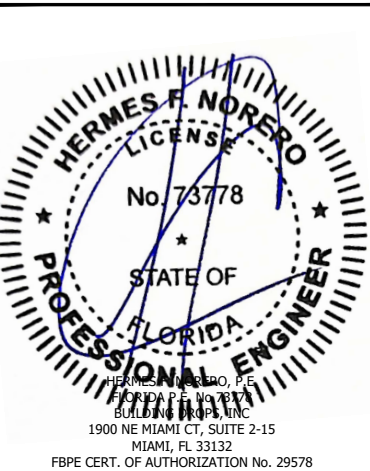
TITLE: ALS LIFT AND SLIDE DOOR (HVHZ)/(NON-IMPACT)
ANCHOR DETAILS & INSTALLATION NOTES

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-9478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
DP TABLE REV.	HJ	4/26

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 #:	FL47871
DATE:	07.30.25
DWG. BY:	HJ
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	WSD016
SHEET:	15



1319 ROCKY POINT DR #100
OCEANSIDE, CA 92056
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(HVHZ)/(NON-IMPACT)

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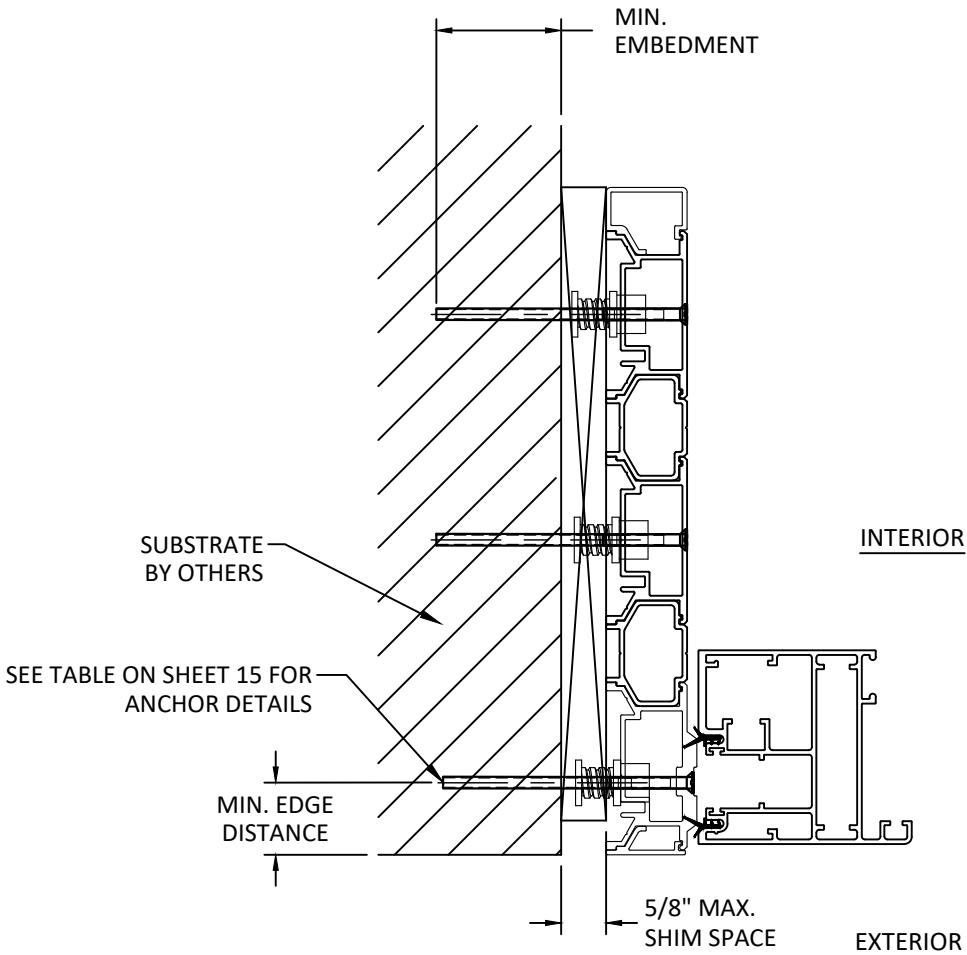
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DWG. #: WSD016

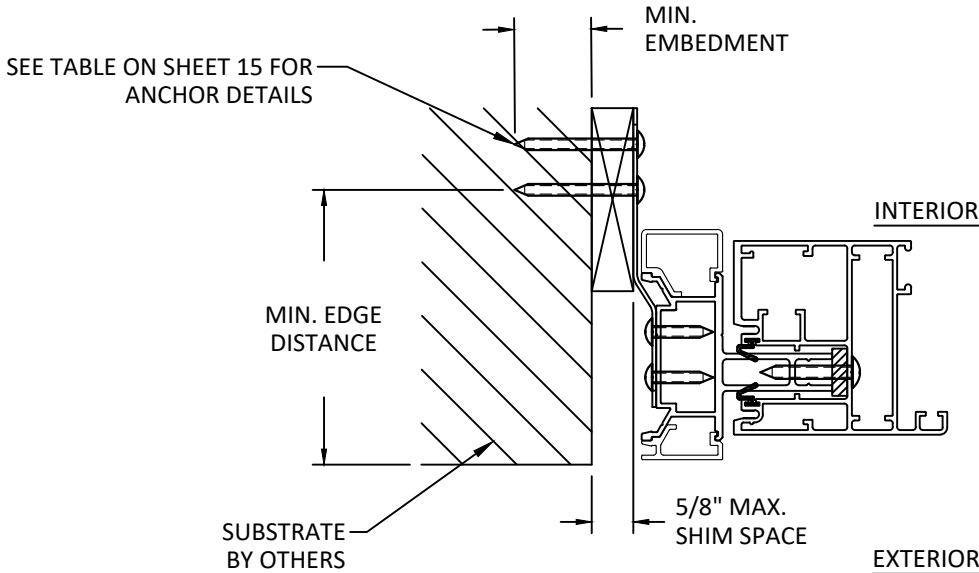
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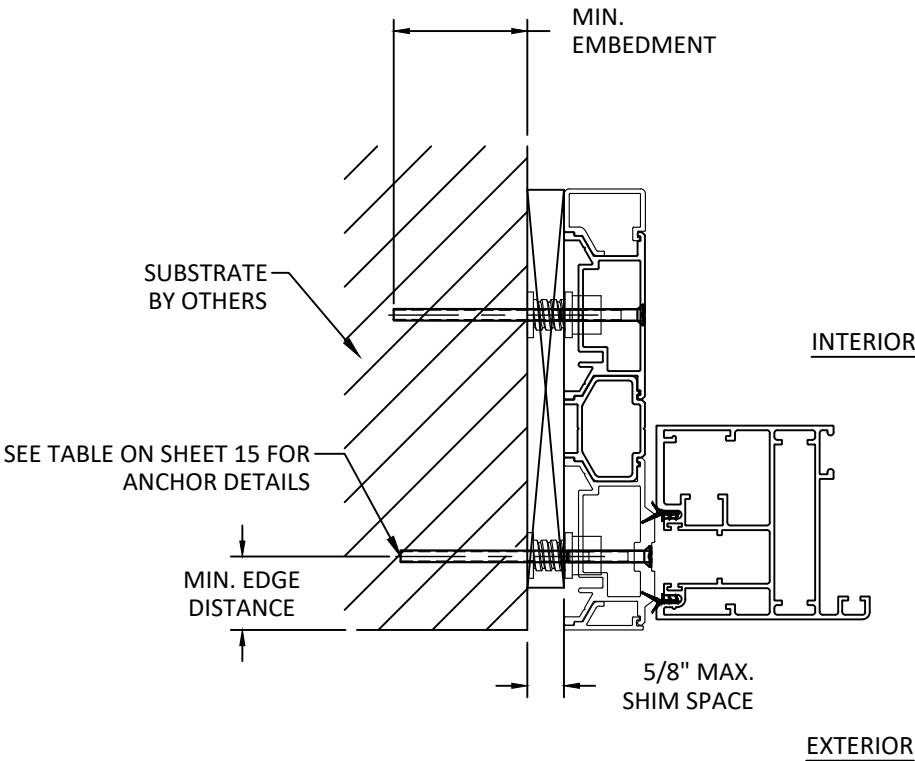
OF 18



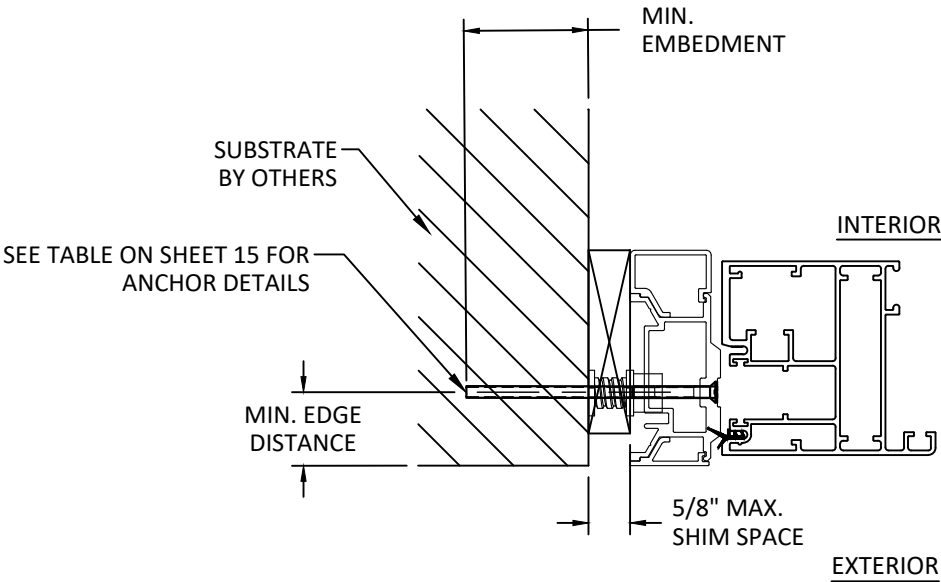
O 16 VERTICAL SECTION
3 TRACK JAMB - THROUGH FRAME



P 16 HORIZONTAL SECTION
1 TRACK JAMB - H TRACK



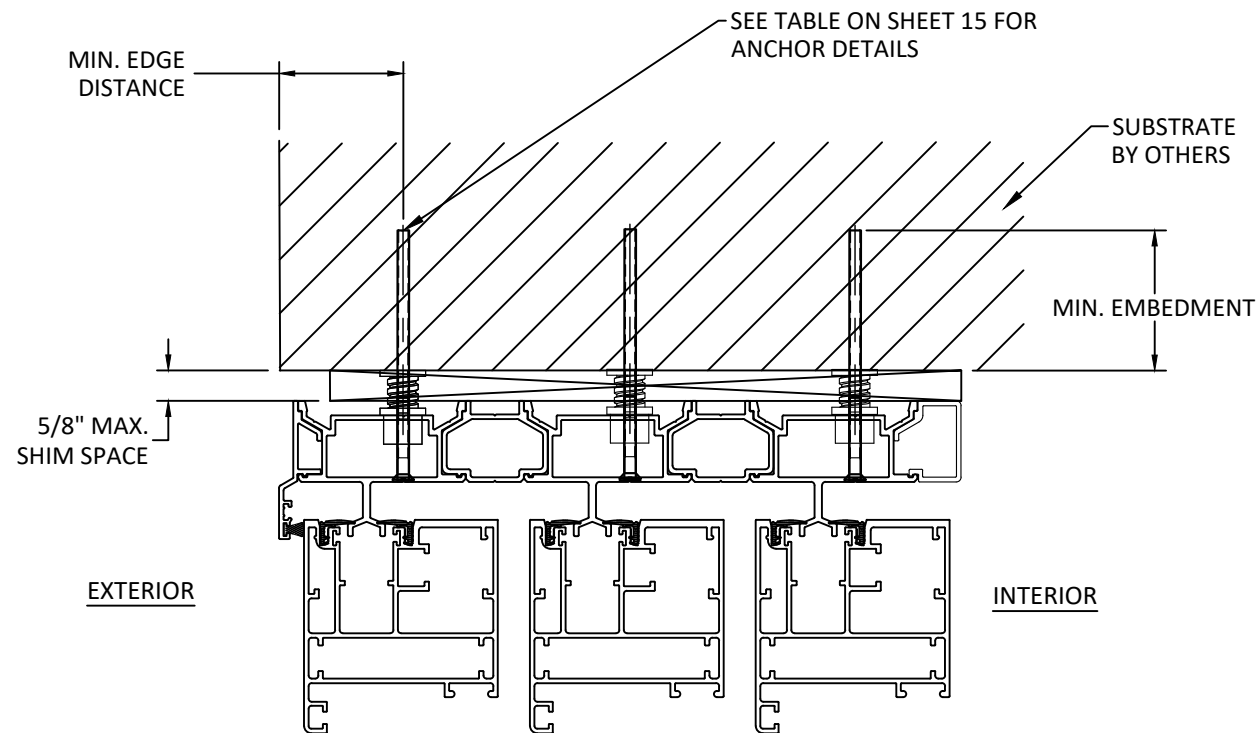
Q 16 VERTICAL SECTION
2 TRACK JAMB - THROUGH FRAME



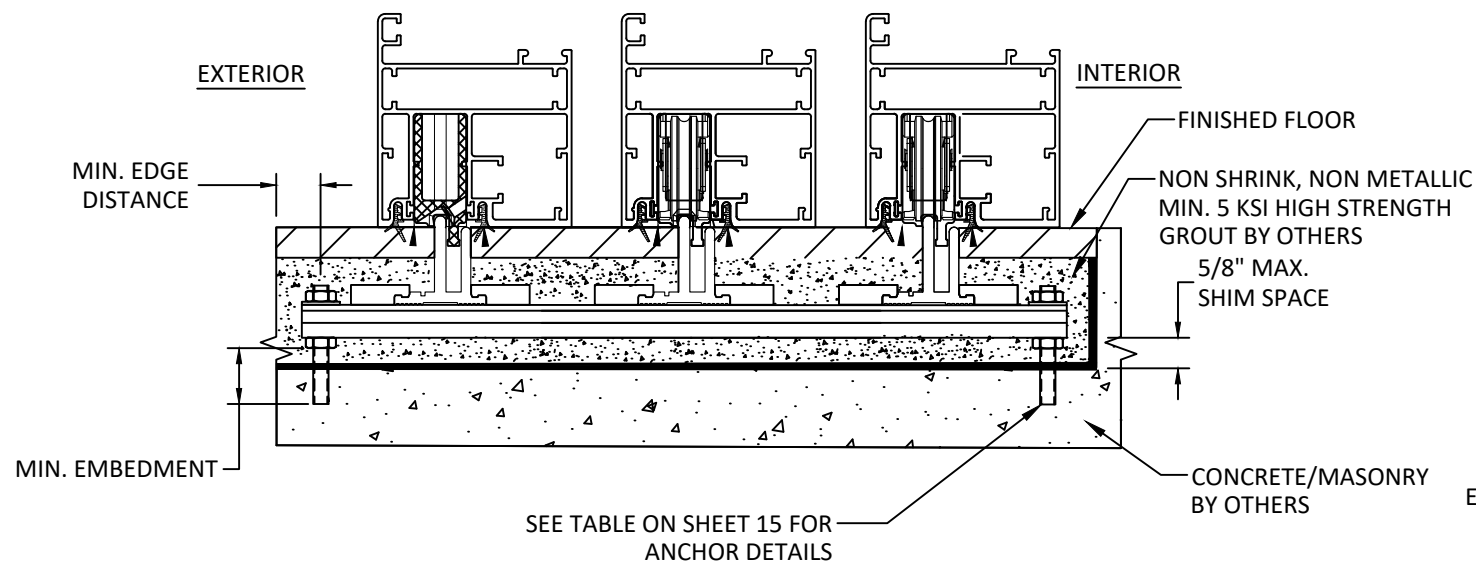
R 16 VERTICAL SECTION
1 TRACK JAMB - THROUGH FRAME

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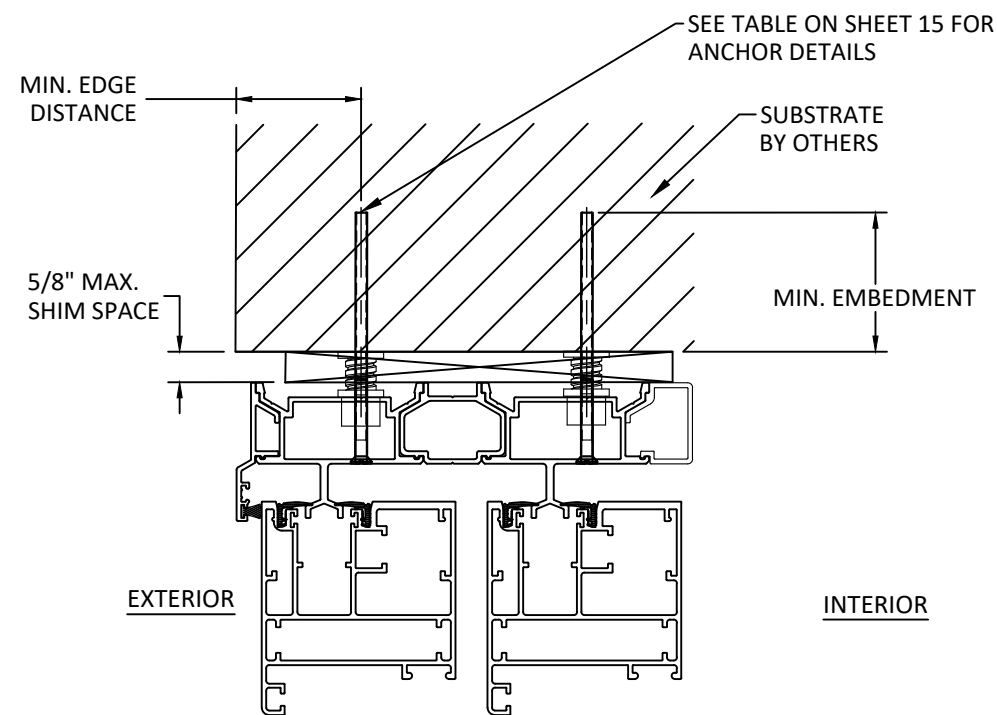
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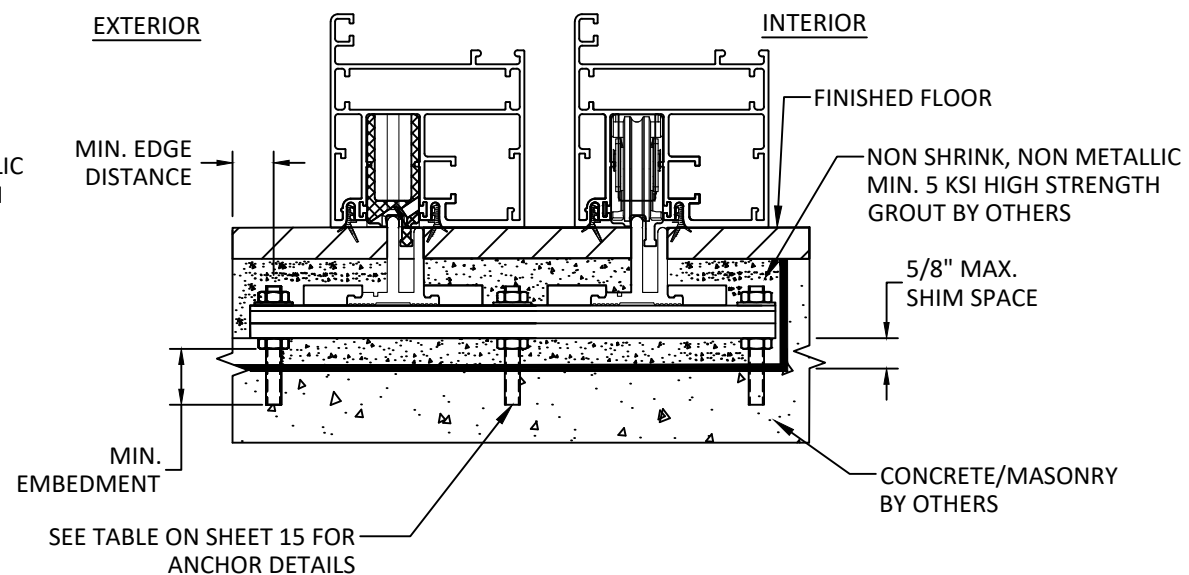
S
17 **VERTICAL SECTION**
3-TRACK HEAD - THROUGH FRAME



U
17 **VERTICAL SECTION**
3-TRACK SILL - THROUGH FRAME



T
17 **VERTICAL SECTION**
2-TRACK HEAD - THROUGH FRAME



V
17 **VERTICAL SECTION**
2-TRACK SILL - THROUGH FRAME



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ANCHOR DETAILS

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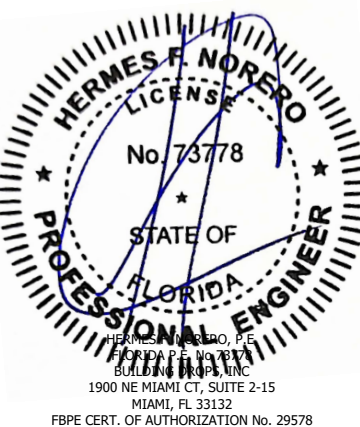
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OF 18



1319 ROCKY POINT DR #100
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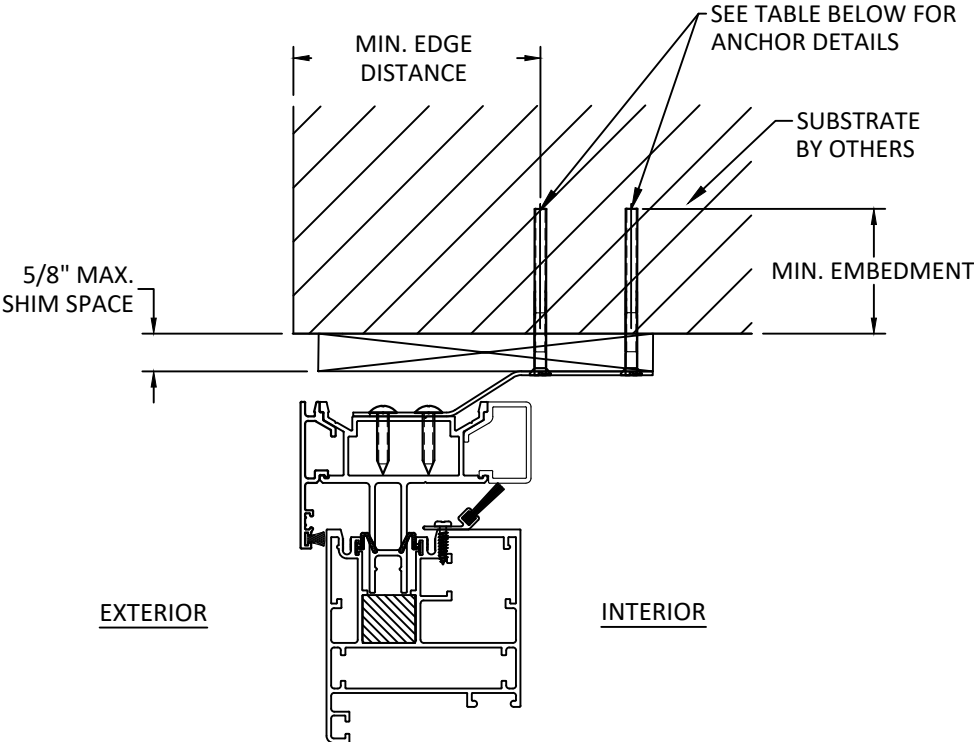
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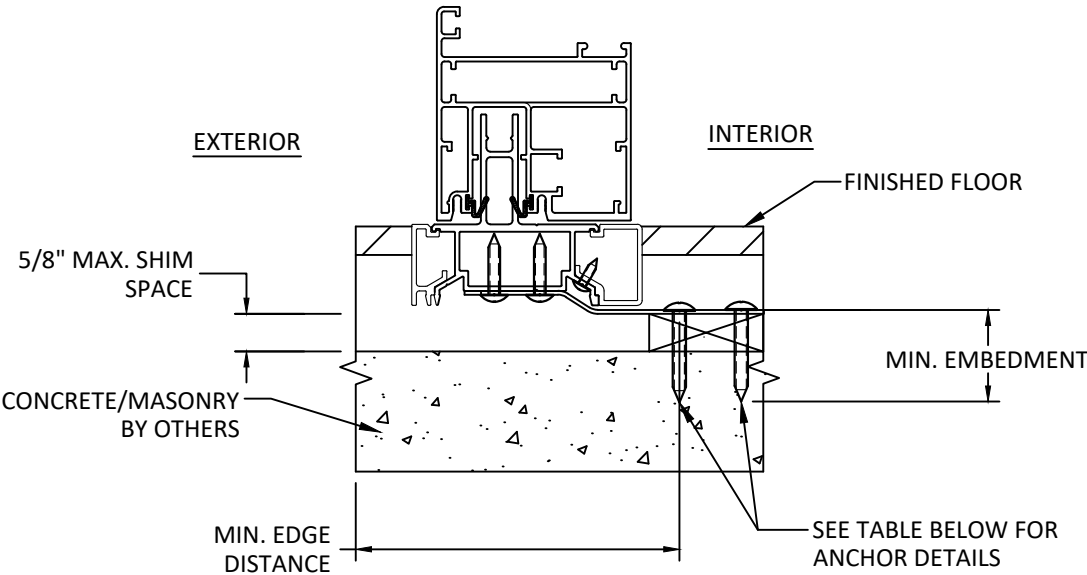
18

OF 18



W
18

VERTICAL SECTION
H - TRACK HEAD



X
18

VERTICAL SECTION
H - TRACK SILL