

WEILAND SLIDING DOORS AND WINDOWS, INC.

AWLS-C & ALS-C LIFT AND SLIDE DOOR (HVHZ)(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
 - ASTM E1886-13a
 - ASTM E1996-14a
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
2.

ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3.

1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4.

INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7.

DOOR FRAME MATERIAL: ALUMINUM, WOOD, AND PVC.
8.

GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEETS 2 & 3 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

- XXXXXP, PXXXXX, OXXXX, XXXXO, PXXXX-XXXXP, OXXX-XXXO, PXXXX-XXXO, OXXX-XXXXP

- 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 4 - 7 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 5 IS NOT EXCEEDED.

- CUSTOM CONFIGURATIONS AVAILABLE UPON REQUEST.

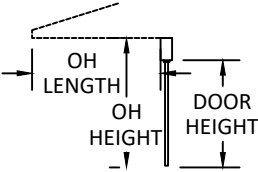
- ANY INTERLOCK CONDITION CAN BE REPLACED BY A MEETING STILE CONDITION.

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DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEETS 4 - 7				LARGE & SMALL MISSILE IMPACT

- 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,



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AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ)(IMPACT)

GENERAL NOTES

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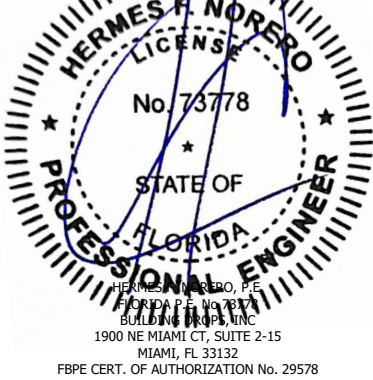
BUILDING DROPS, INC.

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REMARKS	BY	DATE
DP TABLE REV.	HJ	4/26

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FL #:

FL47871

DATE:

07.30.25

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HJ

CHK. BY:

HFN

SCALE:

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DWG. #:

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SHEET:

1

OF 24



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AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)

AWLS-C GLAZING DETAILS

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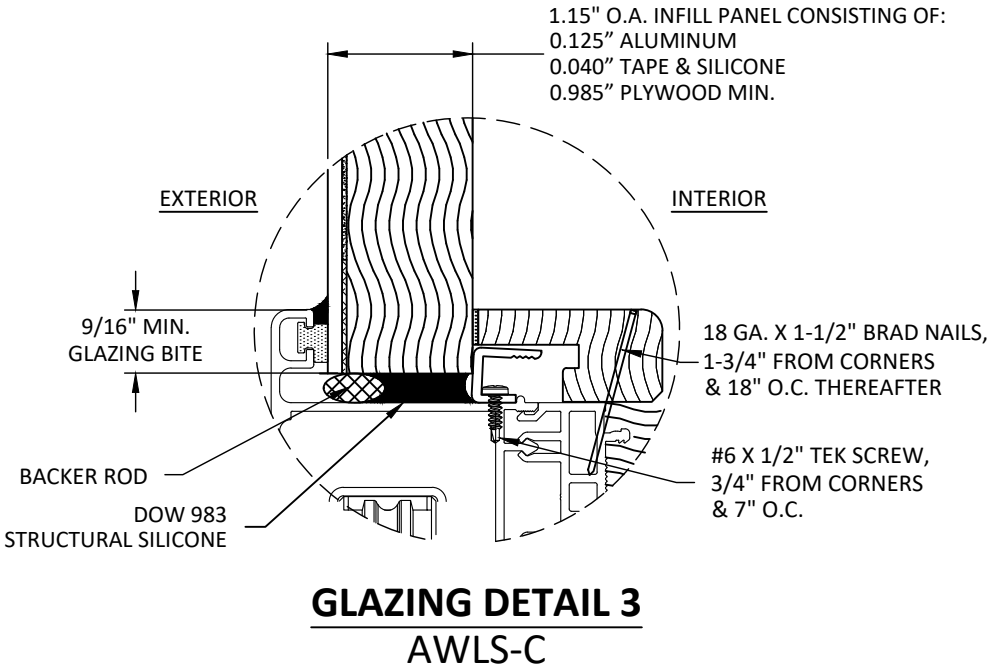
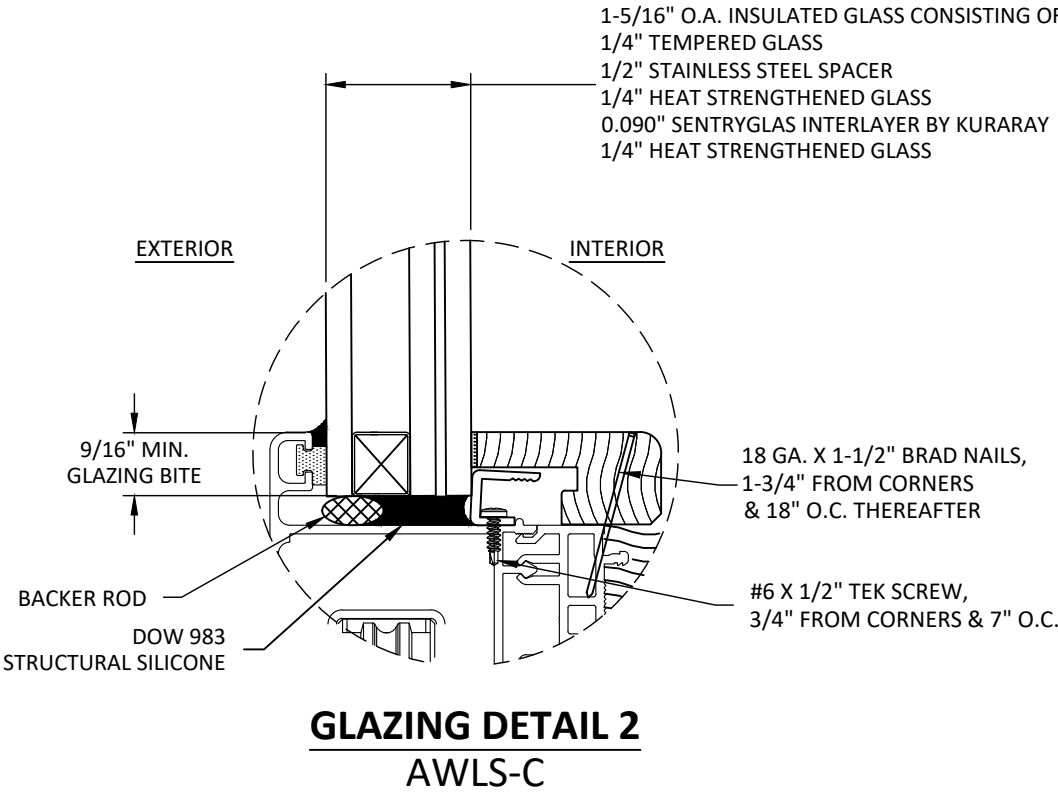
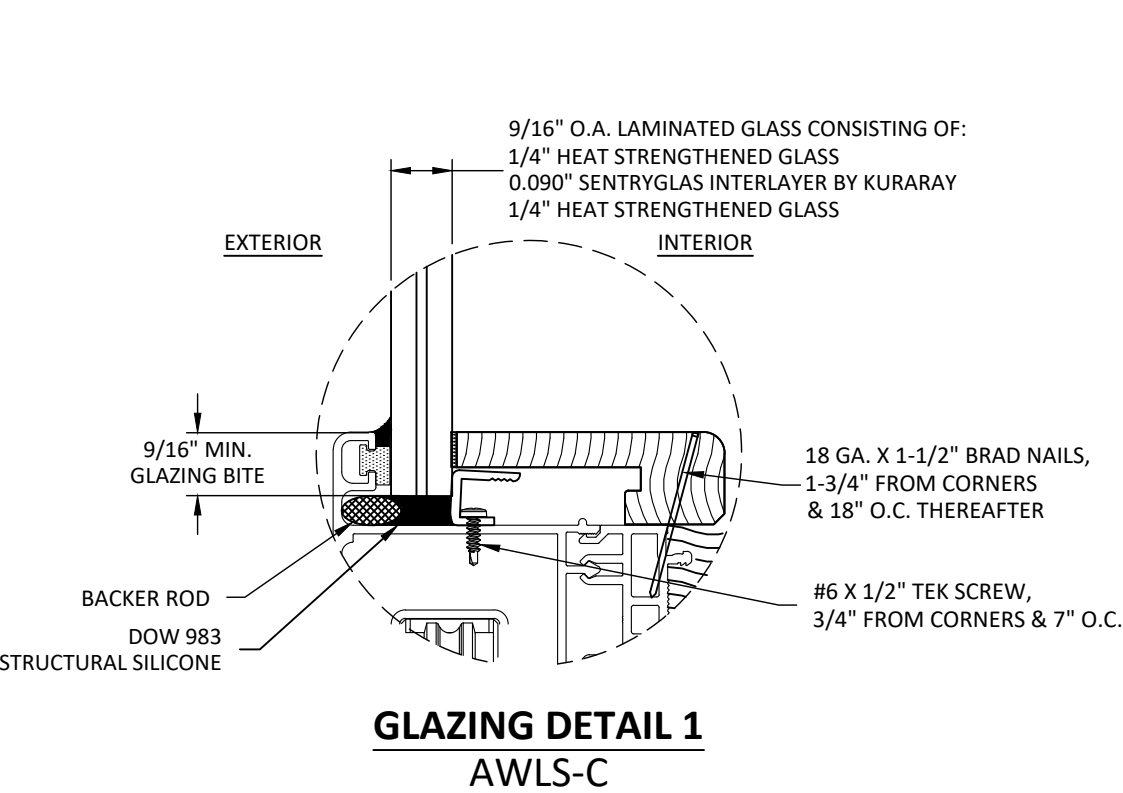


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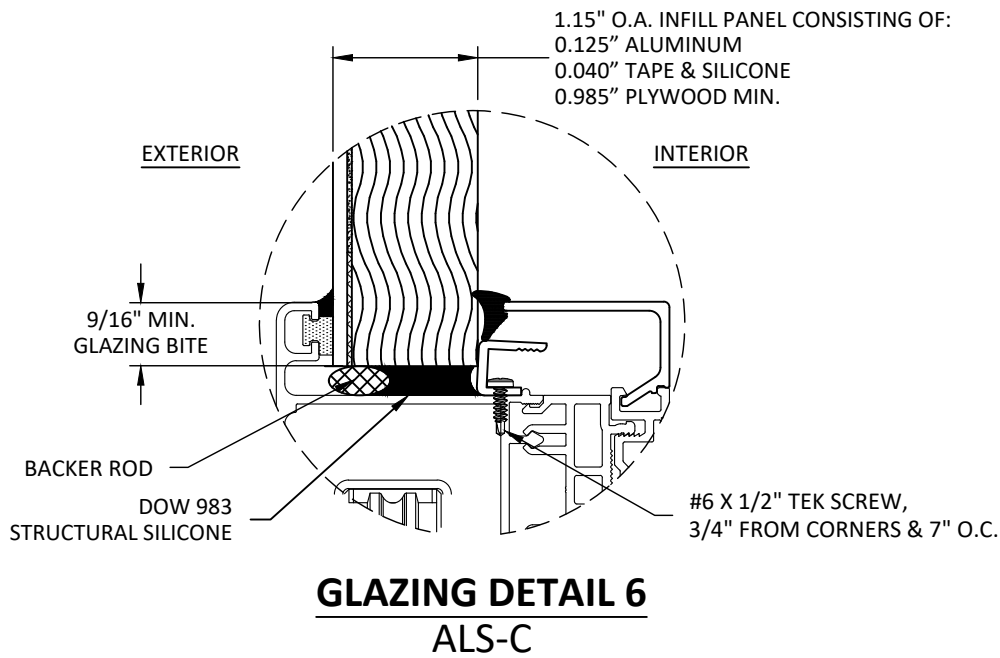
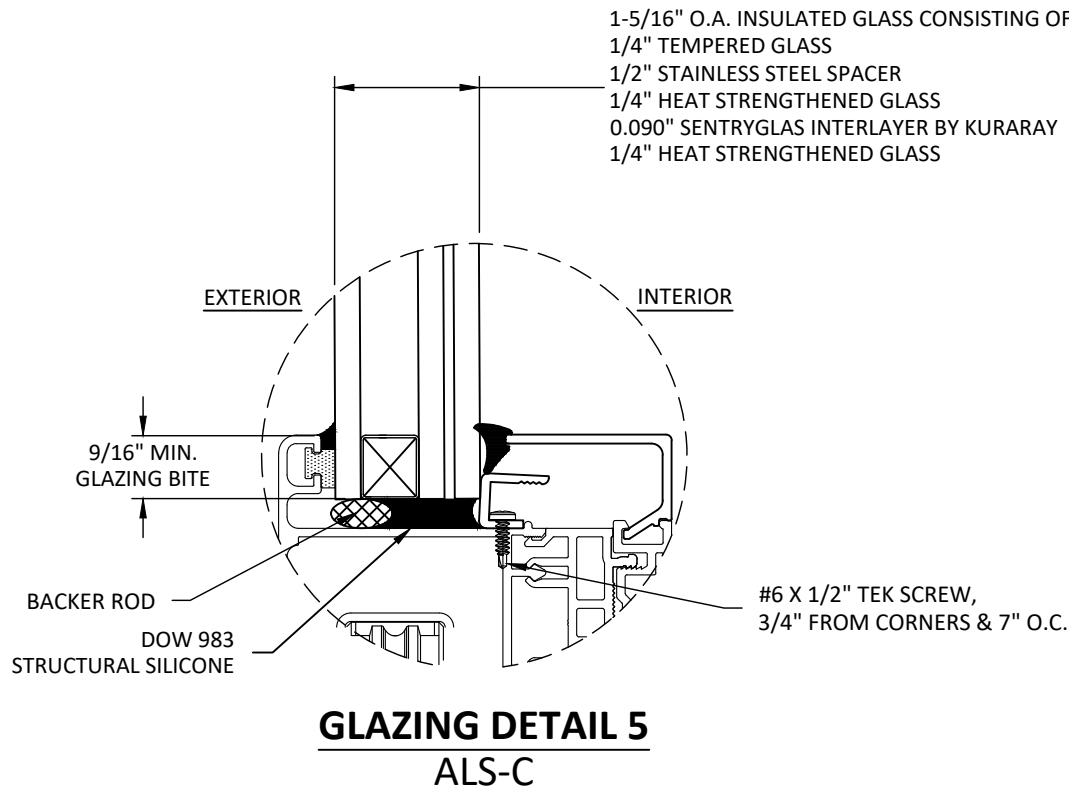
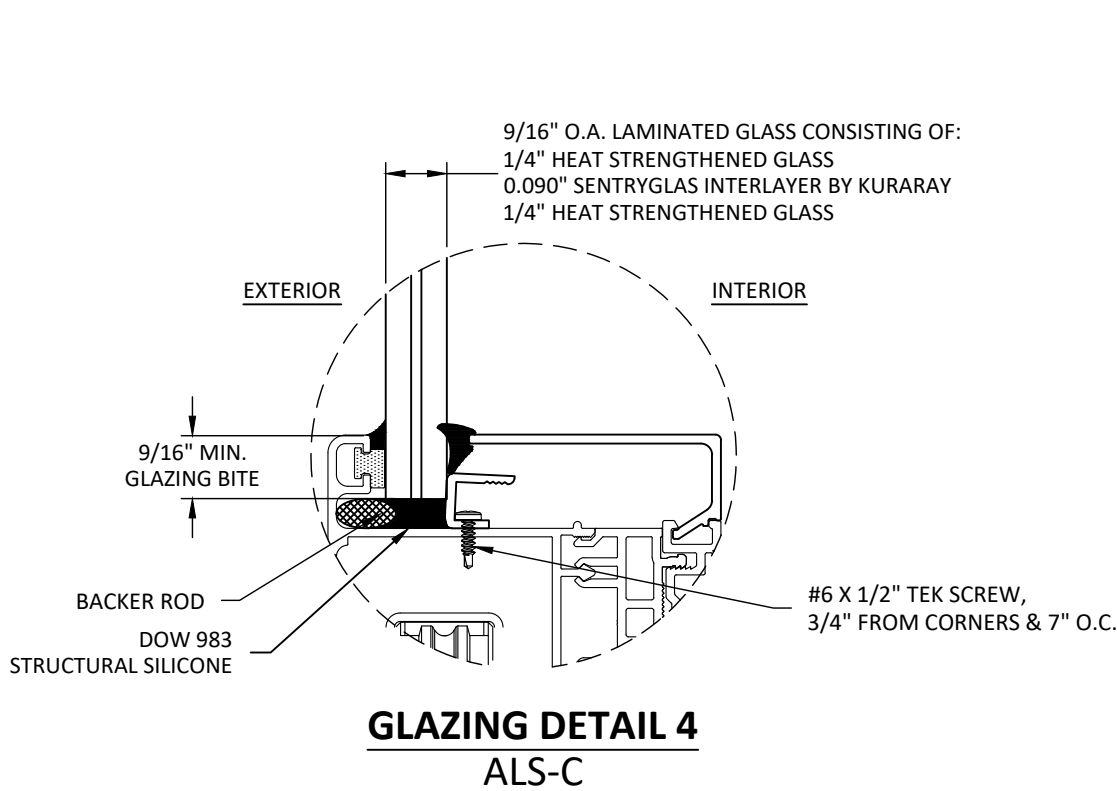


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- GLAZING NOTES:
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 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 AS GLAZING (FILLET BEAD GLAZING).

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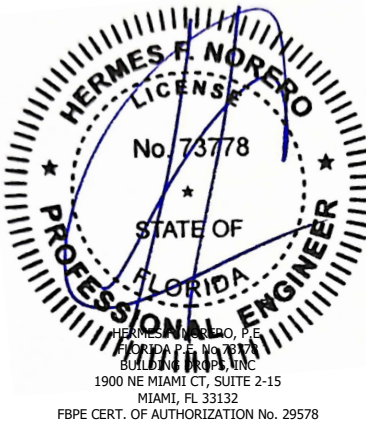
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LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
ALS-C GLAZING DETAILS

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ELEVATION



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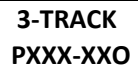
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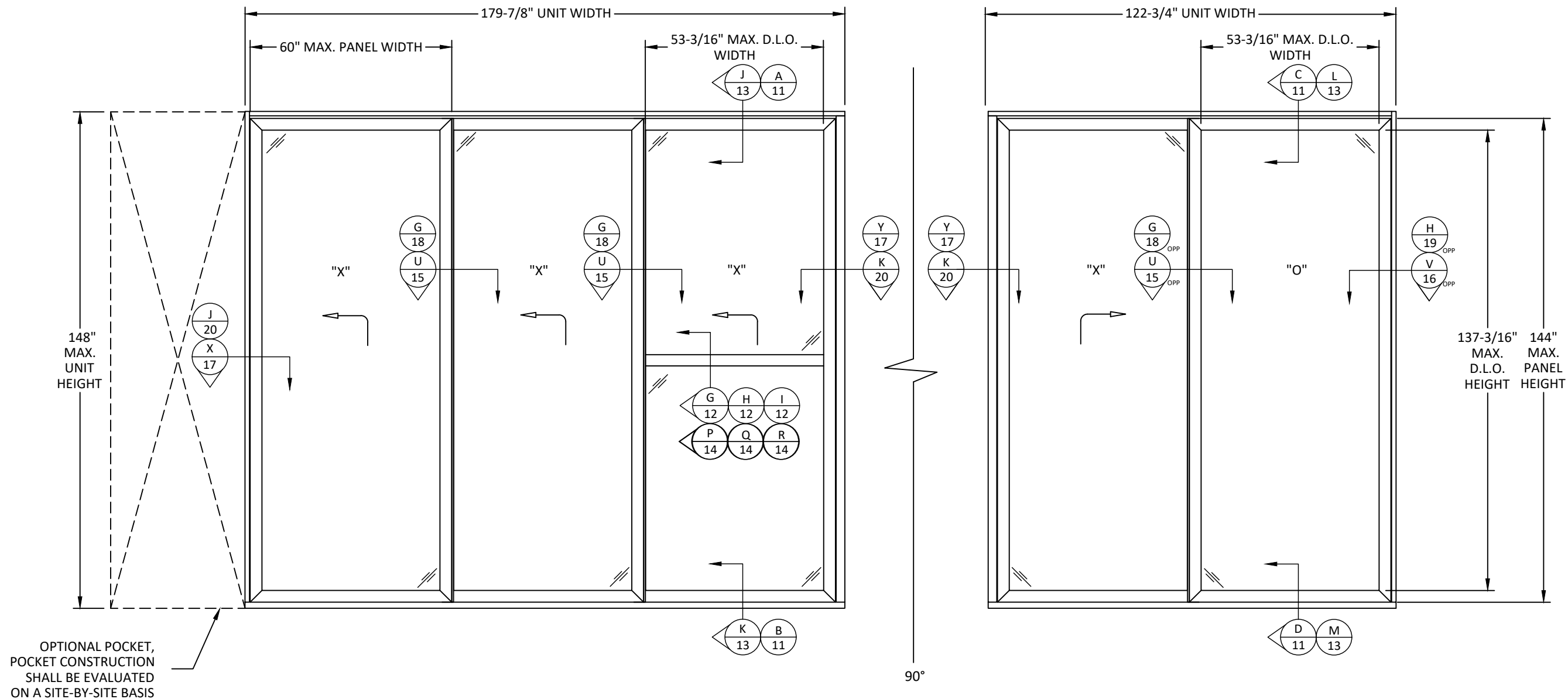


- 1) MAX. O.A. UNIT WIDTH = 528.47" (TESTED WIDTH x 1.5), SUCH THAT MAXIMUM PANEL DIMENSIONS SHOWN ON SHEET 7 IS NOT EXCEEDED.
- 2) DOOR SHALL USE SHOOT BOLT LOCKING HARDWARE BY WEILAND AT INTERLOCK STILES, MEETING STILES, AND CORNER STILES INTO THE HEAD AND SILL.
- 3) DOOR SHALL USE LIFT AND SLIDE HARDWARE BY GU.
- 4) SEE PAGE 7 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.

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



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ELEVATION
90° CORNER
PXXX-XO

- NOTES:
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 - 4) SEE PAGE 7 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.



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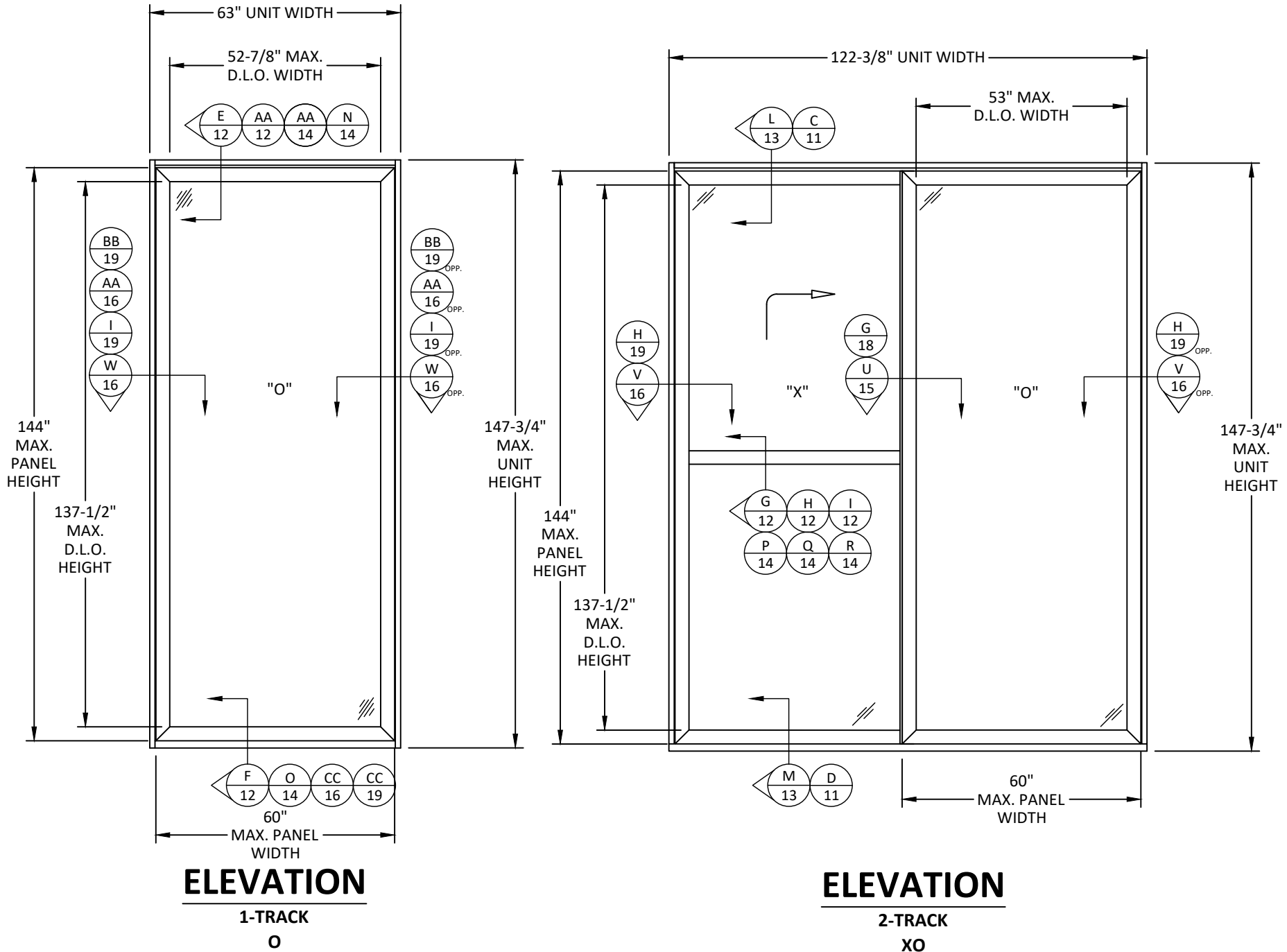
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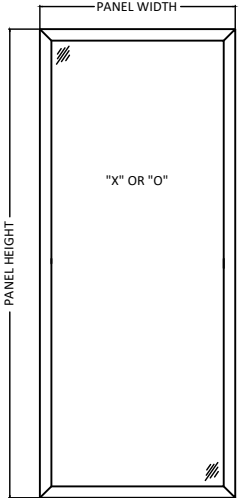
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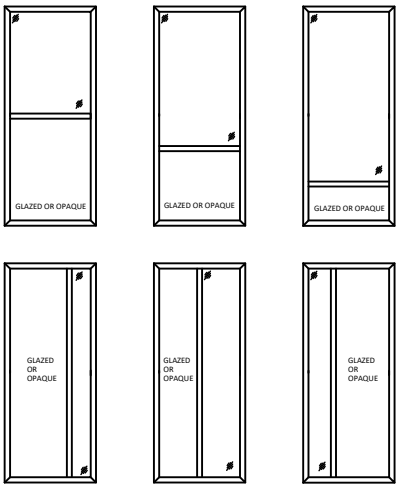


NOTE:

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
53-3/16" X 66-7/8" =24.70 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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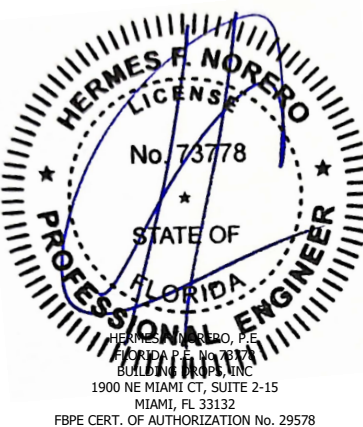
AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
ELEVATIONS

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DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		SINGLE TRACK WITH SHOOTBOLTS	MULTI-TRACK WITH SHOOTBOLTS
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)		
36	78	35.0	80.0
42		35.0	80.0
48		35.0	80.0
54		35.0	80.0
60		35.0	80.0
66		35.0	80.0
72		35.0	80.0
78		35.0	80.0
84		35.0	80.0
90		35.0	80.0
96		35.0	80.0
102	84	35.0	80.0
108		35.0	80.0
110		35.0	80.0
36		35.0	80.0
42		35.0	80.0
48		35.0	80.0
54		35.0	80.0
60		35.0	80.0
66		35.0	80.0
72		35.0	80.0
78		35.0	80.0
84	90	35.0	80.0
90		35.0	80.0
96		35.0	80.0
102		35.0	80.0
36		35.0	80.0
42		35.0	80.0
48		35.0	80.0
54		35.0	80.0
60		35.0	80.0
66		35.0	80.0
72		35.0	79.2
78		35.0	77.4
84	96	35.0	76.3
90		35.0	76.0
96		35.0	76.0
36		35.0	80.0
42		35.0	80.0
48		35.0	80.0
54		35.0	80.0
60		35.0	80.0
66		35.0	74.0
72		35.0	71.3
78		35.0	69.2
84	102	35.0	67.9
90		35.0	67.1
36		35.0	80.0
42		35.0	80.0
48		35.0	80.0
54		35.0	76.0
60		35.0	71.3
66		35.0	67.6
72		35.0	64.8
78		35.0	62.6
84		35.0	61.1

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		SINGLE TRACK WITH SHOOTBOLTS	MULTI-TRACK WITH SHOOTBOLTS
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)		
36	108	35.0	80.0
42		35.0	80.0
48		35.0	76.3
54		35.0	70.4
60		35.0	65.8
66		35.0	62.2
72		35.0	59.4
78		35.0	57.2
80		35.0	56.6
36	114	35.0	80.0
42		35.0	78.8
48		35.0	71.3
54		35.0	65.5
60		35.0	61.1
66		35.0	57.6
72		35.0	54.8
75		35.0	53.6
36	120	35.0	80.0
42		35.0	74.0
48		35.0	66.8
54		35.0	61.3
60		35.0	57.0
66		35.0	53.6
72		35.0	50.9
36	126	35.0	79.2
42		35.0	69.8
48		35.0	62.9
54		35.0	57.6
60		35.0	53.4
66		35.0	50.1
68		35.0	49.2
36	132	35.0	75.0
42		35.0	66.0
48		35.0	59.4
54		35.0	54.3
60		35.0	50.3
65		35.0	47.6
36	138	35.0	71.3
42		35.0	62.6
48		35.0	56.3
54		35.0	51.4
60		35.0	47.5
62		35.0	46.4
36	144	35.0	67.9
42		35.0	59.6
48		35.0	53.4
54		35.0	48.7
60		35.0	45.0

- 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



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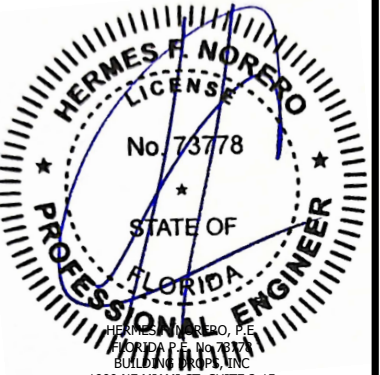
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LIFT AND SLIDE DOOR
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DESIGN PRESSURE TABLE

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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.



HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL47871

DATE:
07.30.25

DWG. BY:
HJ

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
WSD013

SHEET:



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

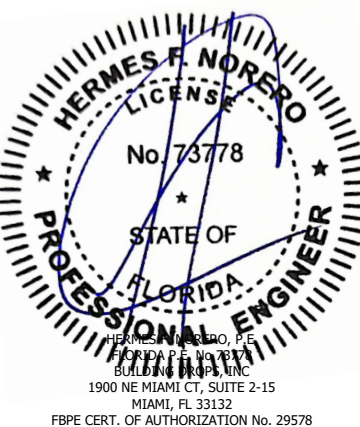
AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
ANCHOR LAYOUT

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-9478
FAX: (954) 744-4738
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DWG. BY: **HJ** CHK. BY: **HFN**

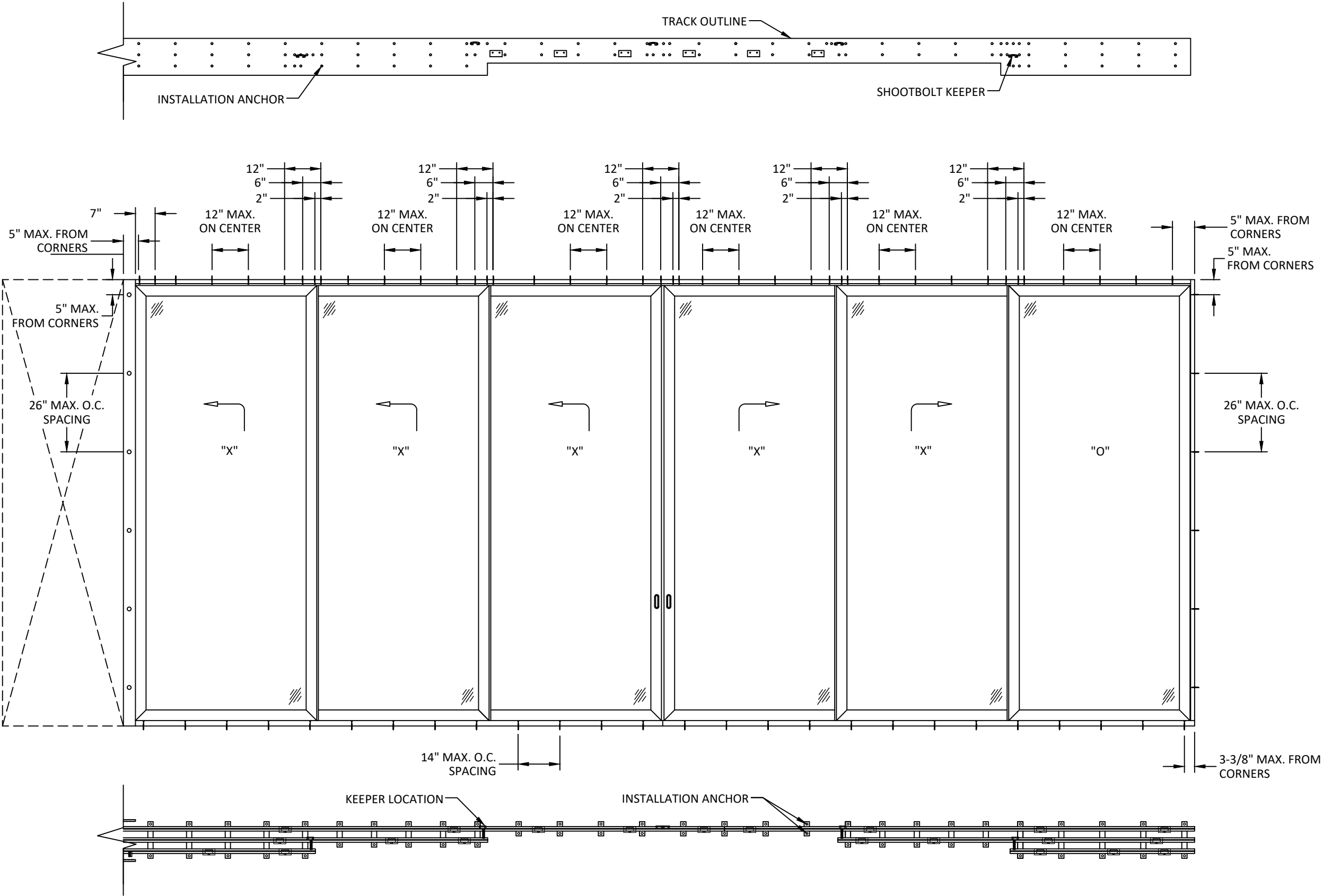
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DWG. #: **WSD013**

SHEET:

8

OF 24

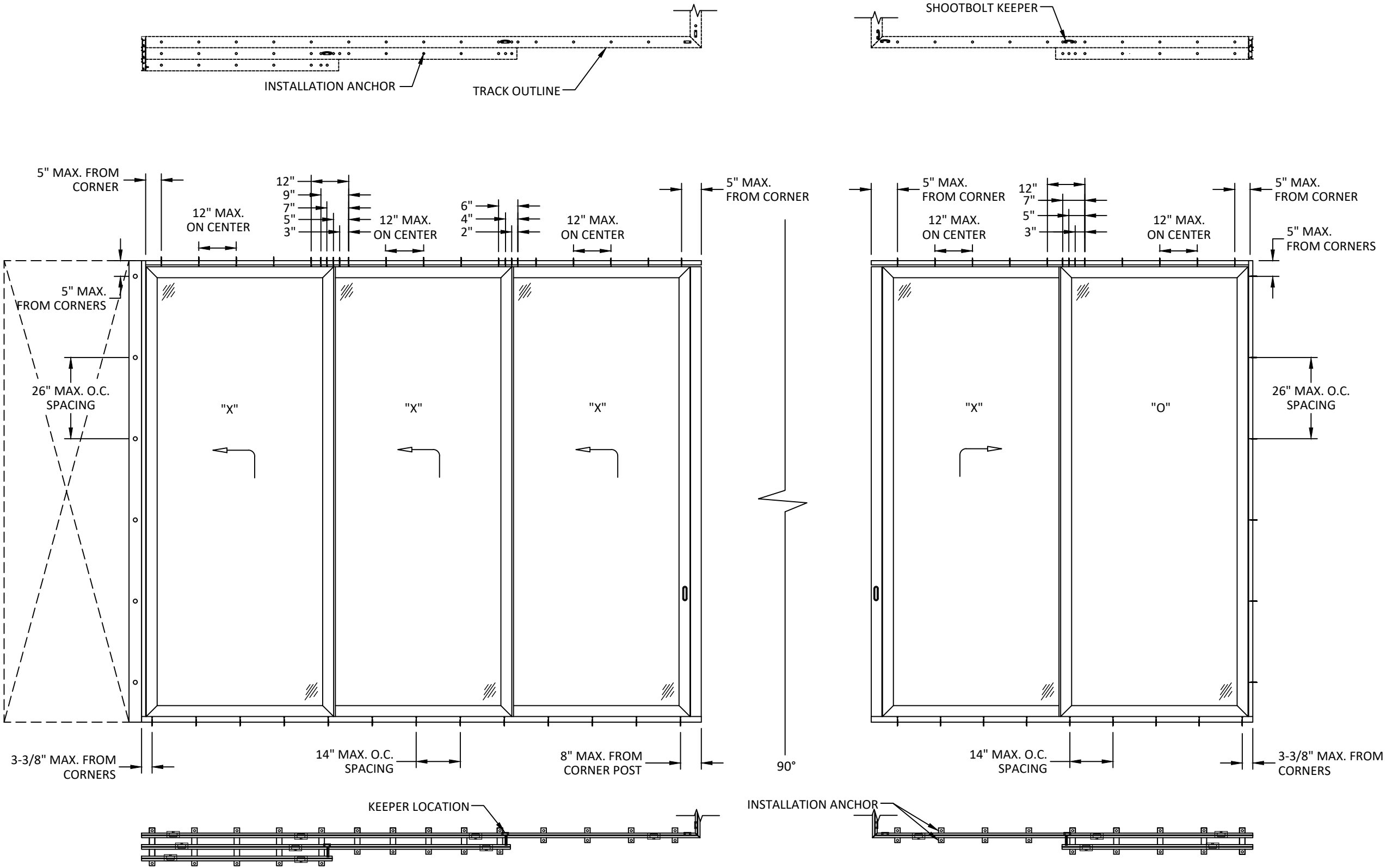


NOTE:
1) IF SYSTEM EXCEEDS 288", SPLITS WILL BE PRESENT
IN THE TOP/BOTTOM TRACKS.

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.



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

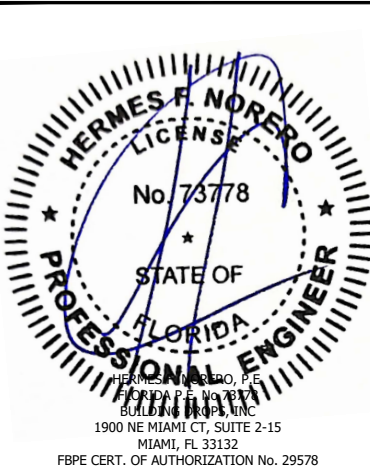
TITLE: AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
ANCHOR LAYOUT

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



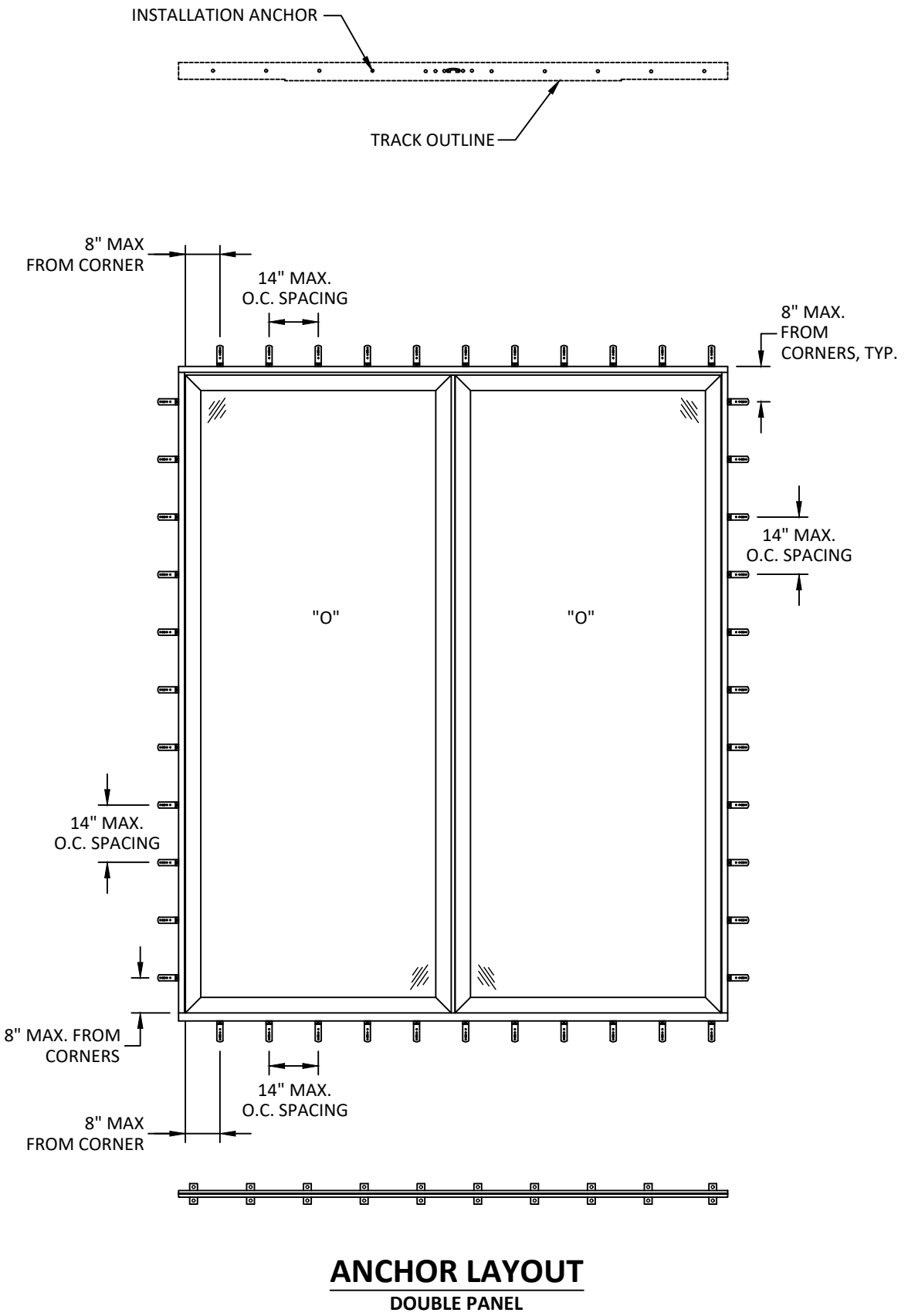
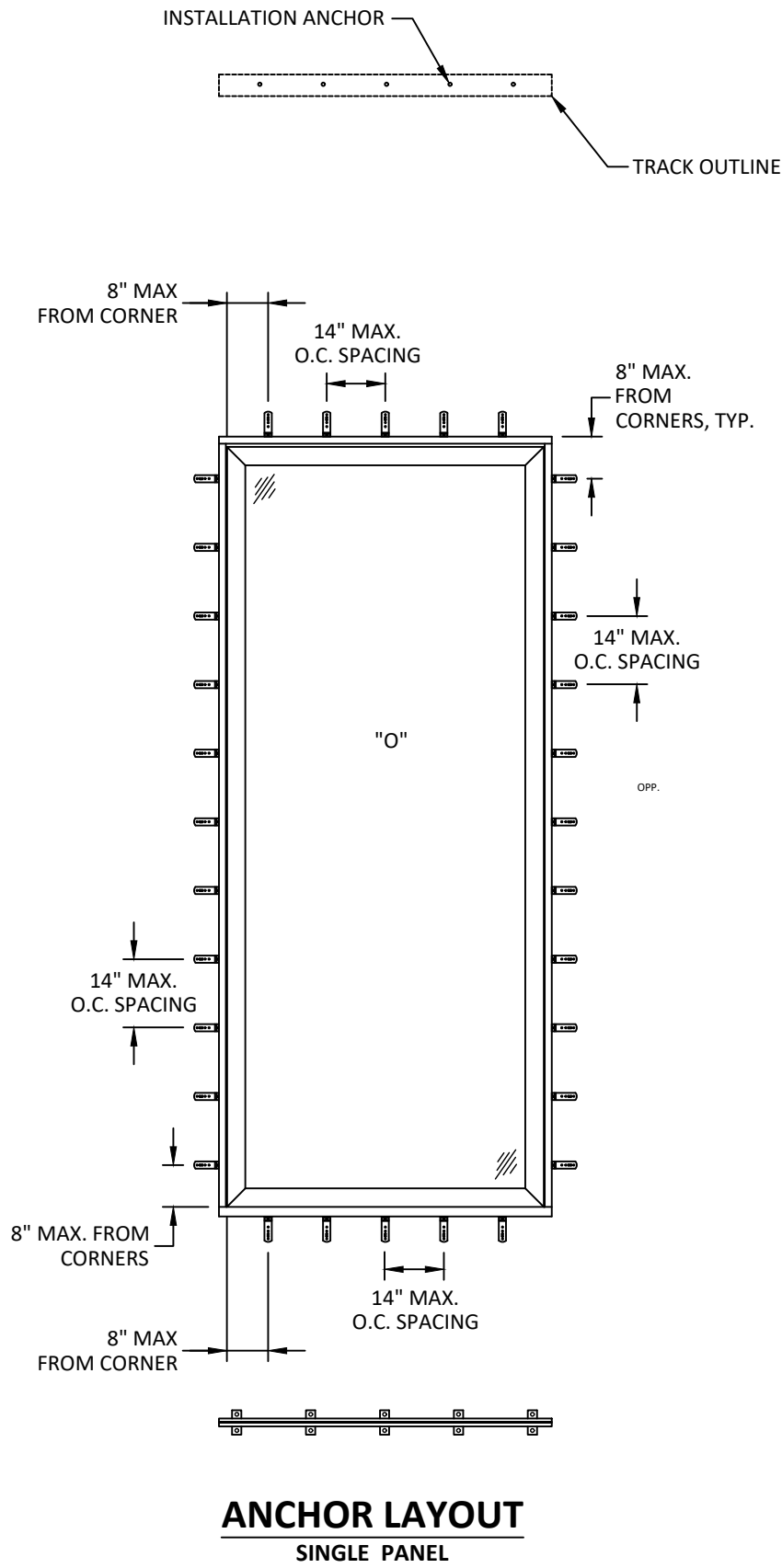
REMARKS	BY	DATE
DP TABLE REV.	HJ	4/26

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SCALE:	NTS
DWG. #:	WSD013
SHEET:	9

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

TITLE: AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
ANCHOR LAYOUTS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-9478
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL47871

DATE: **07.30.25**

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

DWG. #: **WSD013**

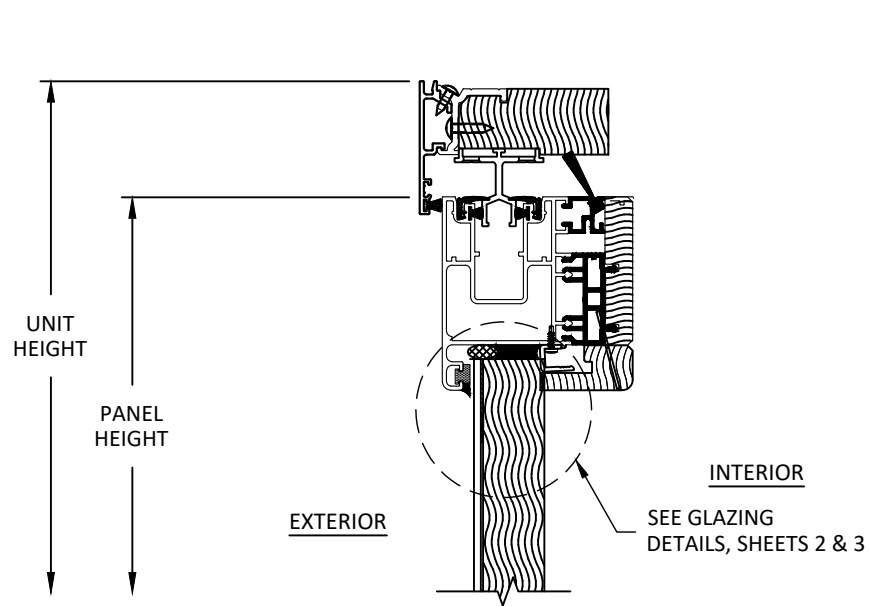
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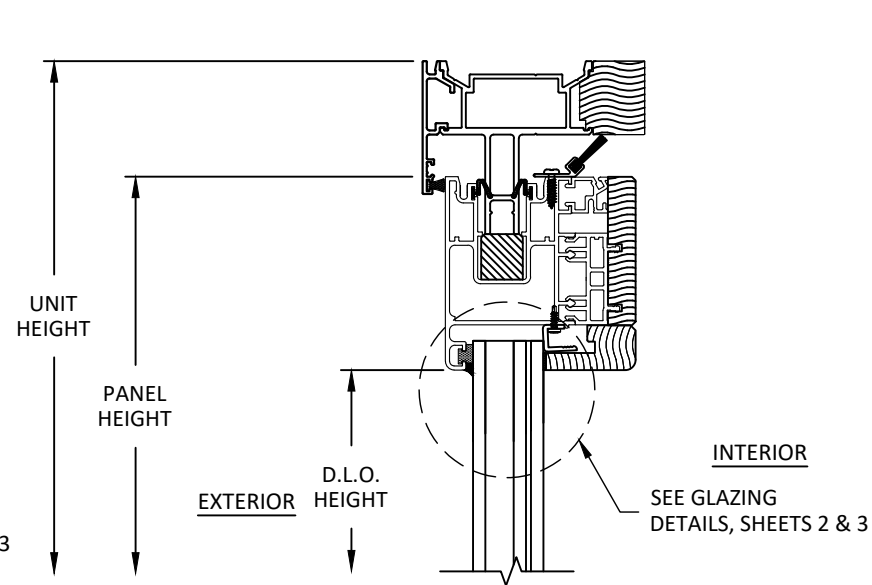
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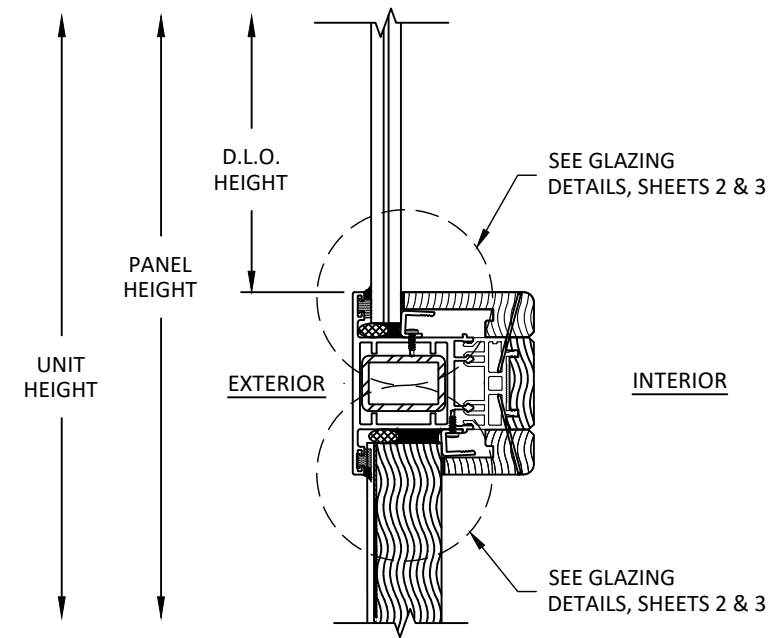
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E
12 **VERTICAL SECTION**
AWLS-C HEAD
1 TRACK



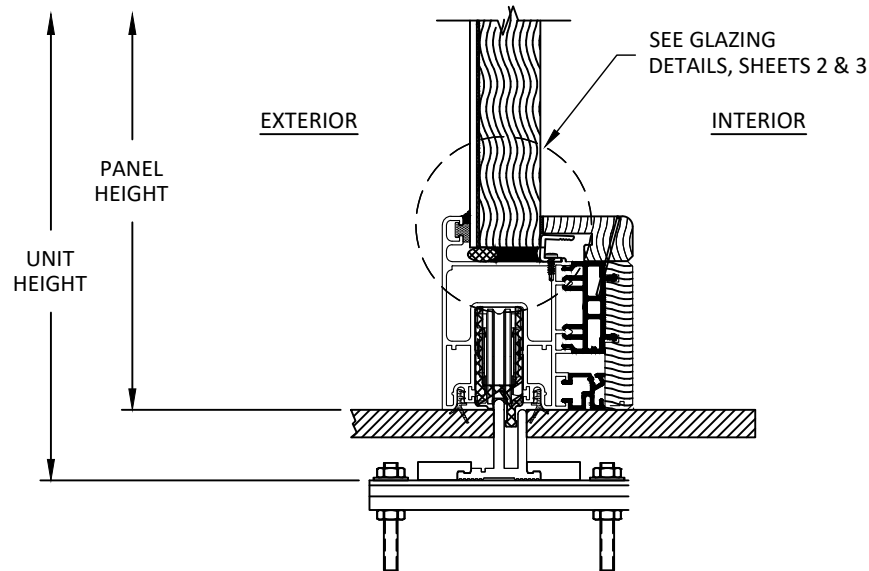
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AWLS-C HEAD
H TRACK



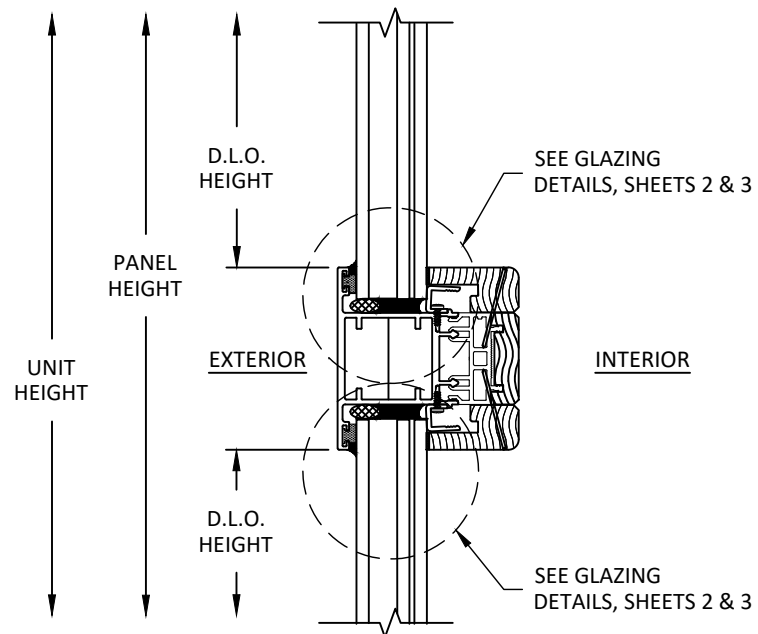
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12 **VERTICAL SECTION**
AWLS-C MIDRAIL - GLASS OVER INFILL PANEL
REINFORCED

NOTES:

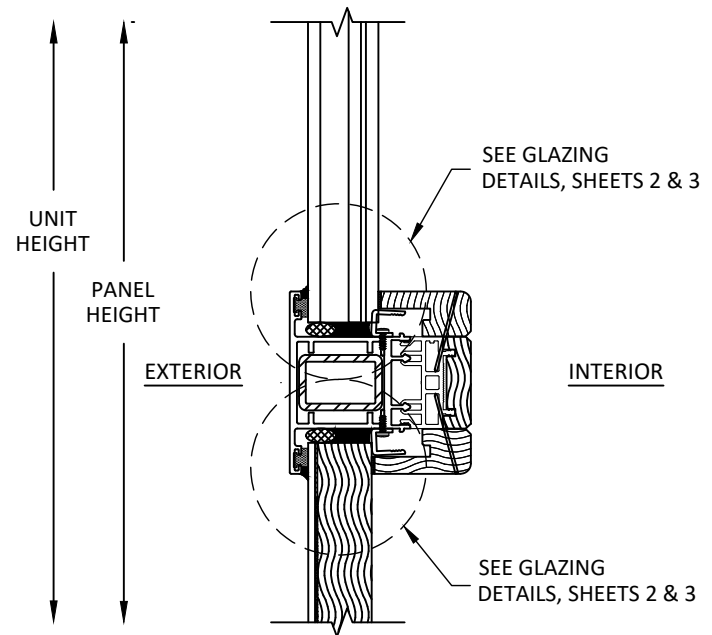
1. STEEL REINFORCEMENT FOR MID-RAIL ONLY REQUIRED FOR VERTICAL OR HORIZONTAL MID-RAILS EXCEEDING 66".
2. ALL GLAZING OPTIONS MAY BE USED ON ALL CONFIGURATIONS SHOWN.



F
12 **VERTICAL SECTION**
AWLS-C SILL
1 TRACK



G
12 **VERTICAL SECTION**
AWLS-C MIDRAIL - GLASS OVER GLASS
NON - REINFORCED



H
12 **VERTICAL SECTION**
AWLS-C MIDRAIL - INFILL OVER INFILL
REINFORCED



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

AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
VERTICAL SECTIONS

PREPARED BY:

BUILDING DROPS, INC.

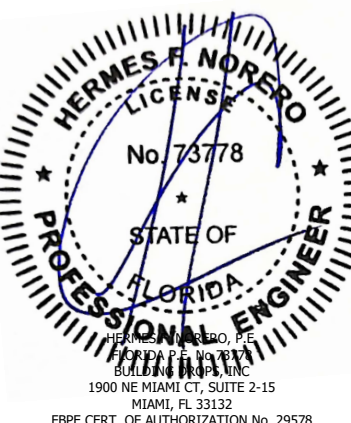
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

PH: (954) 999-9478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
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SCALE:	NTS
DWG. #:	WSD013
SHEET:	12

VERTICAL SECTIONS

MIAMI, FL 33132
(954)399-8478

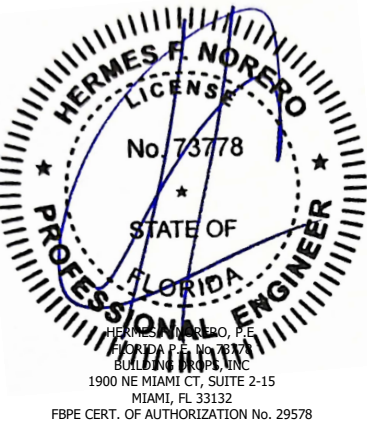
TEL: (954) 399-6778
FAX: (954) 744-4738
WWW.BUILDINGDRONE.COM



BY	DATE
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HJ	4/26
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FL47871

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HJ

CHK. BY:
HFN

SCALE: NTS

DWG. #: WSD013

SHEET:

13

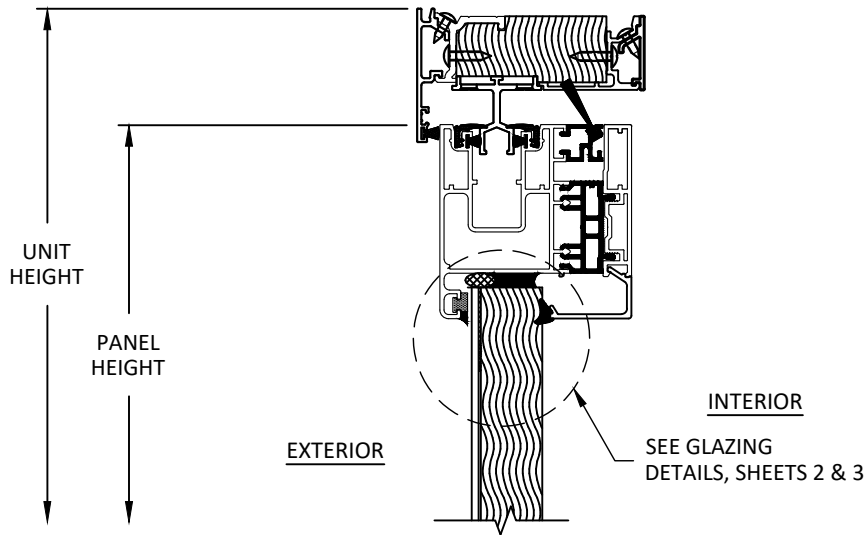
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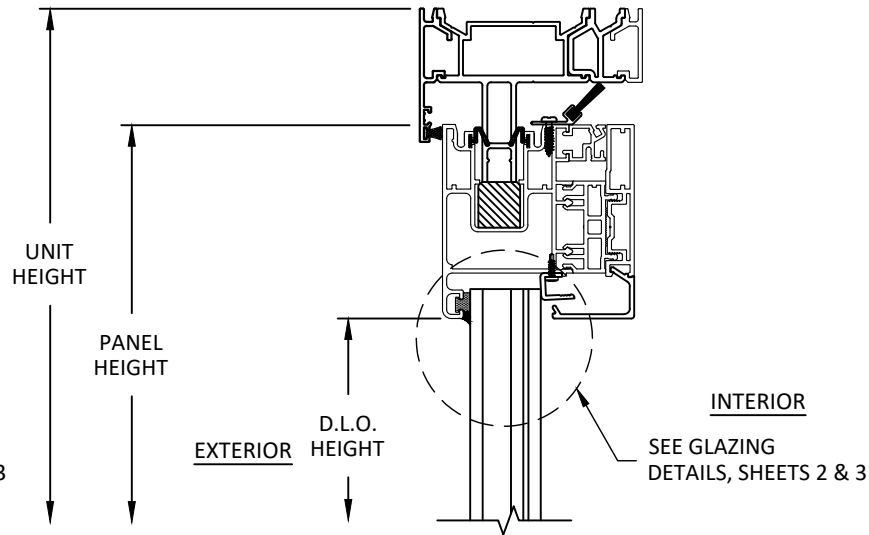
NOTES:
ALL GLAZING OPTIONS MAY BE USED ON
ALL CONFIGURATIONS SHOWN.



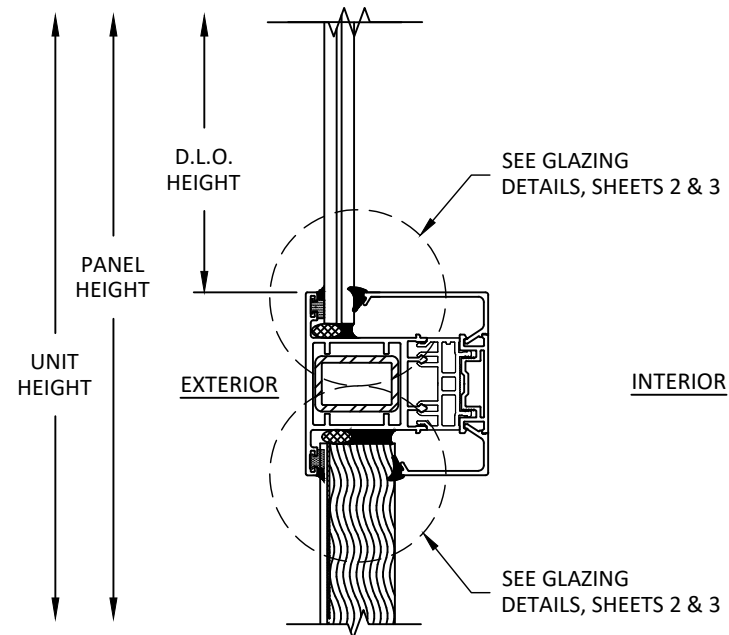
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N
14 **VERTICAL SECTION**
ALS-C HEAD
1 TRACK



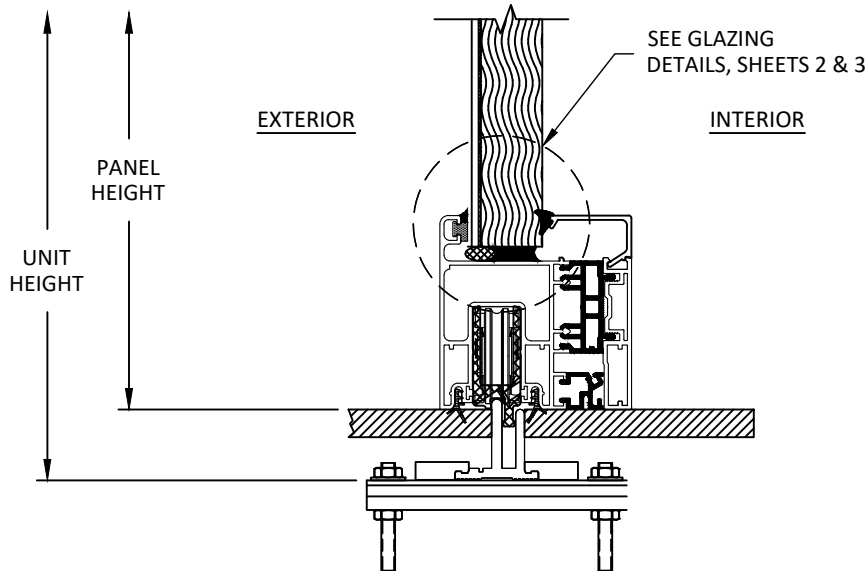
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14 **VERTICAL SECTION**
ALS-C HEAD
H TRACK



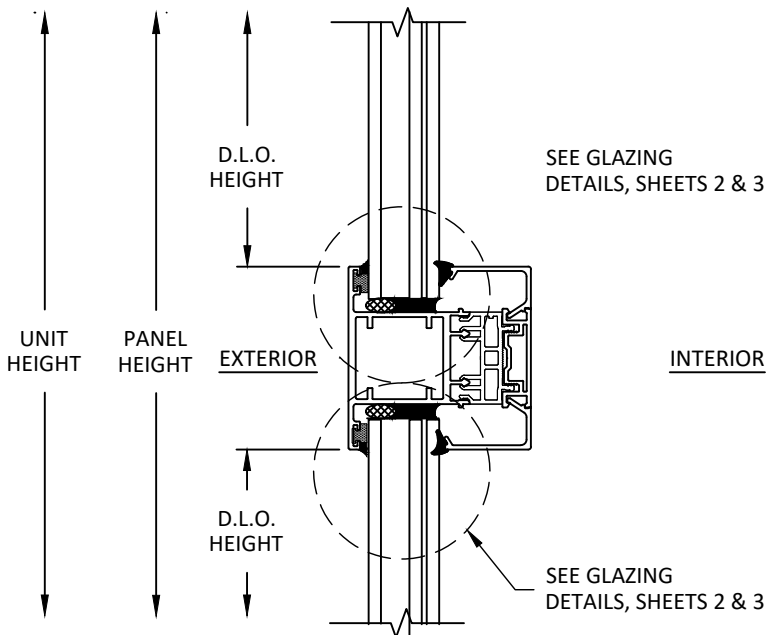
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14 **VERTICAL SECTION**
ALS-C MIDRAIL - GLASS OVER INFILL PANEL
REINFORCED

NOTES:

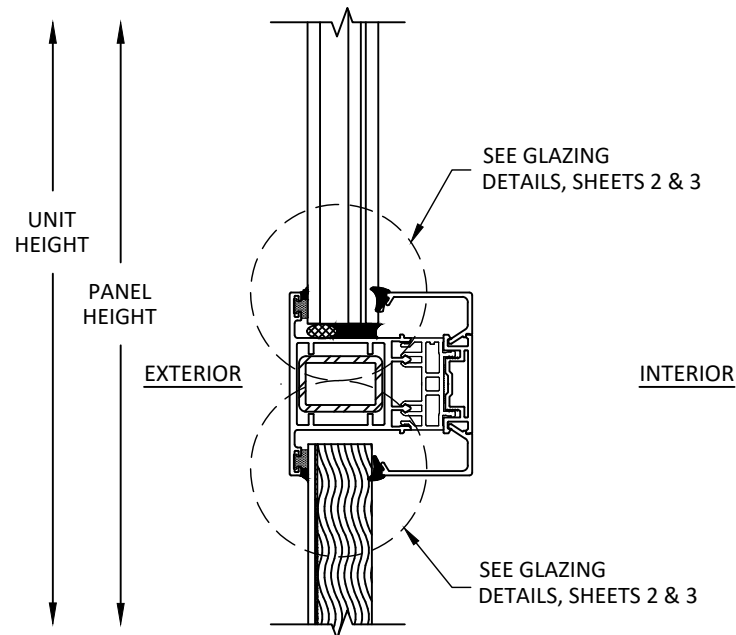
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2. ALL GLAZING OPTIONS MAY BE USED ON ALL CONFIGURATIONS SHOWN.



O
14 **VERTICAL SECTION**
ALS-C SILL
1 TRACK



P
14 **VERTICAL SECTION**
ALS-C MIDRAIL - GLASS OVER GLASS
NON - REINFORCED



R
14 **VERTICAL SECTION**
ALS-C MIDRAIL - INFILL OVER INFILL
REINFORCED



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

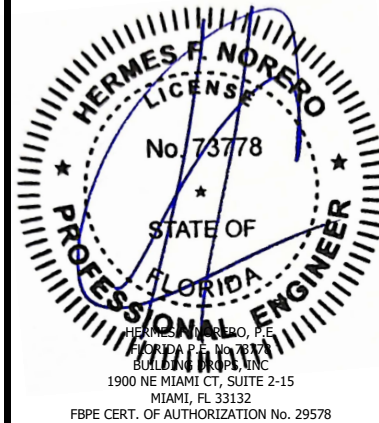
TITLE:
AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
VERTICAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



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DWG. #:	WSD013
SHEET:	14



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

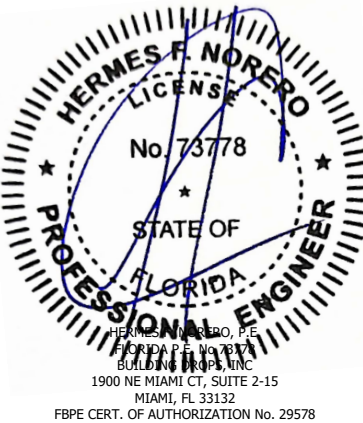
AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
VERTICAL SECTIONS

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PH: (954) 399-8478
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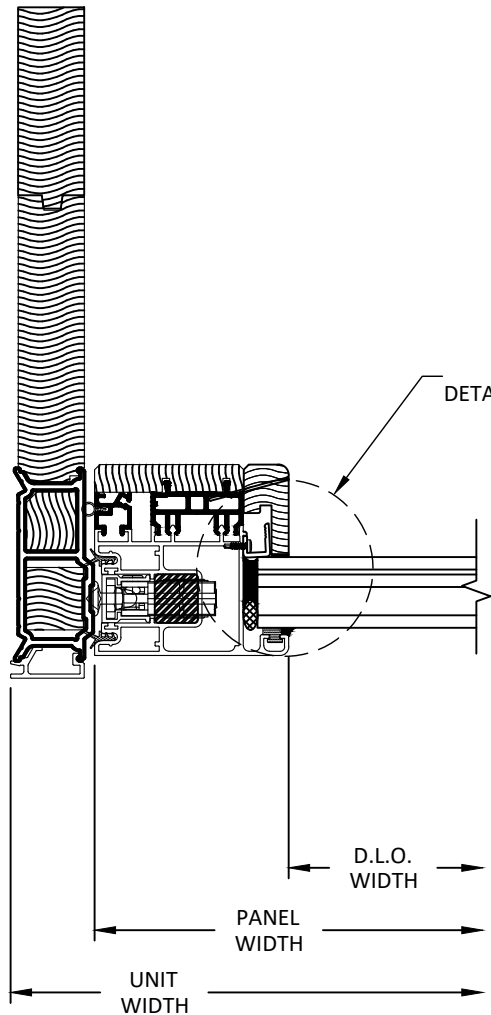


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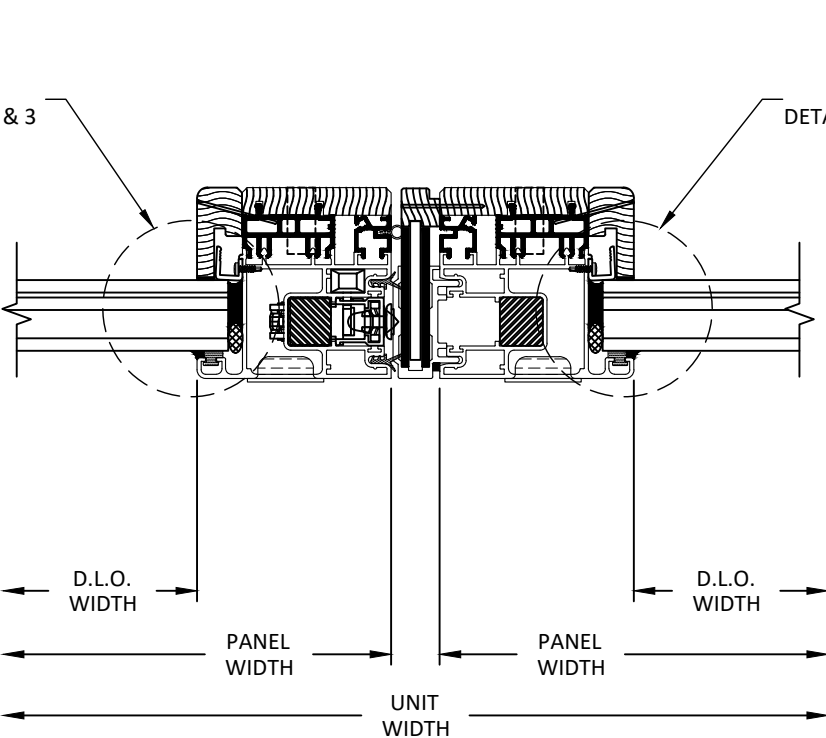
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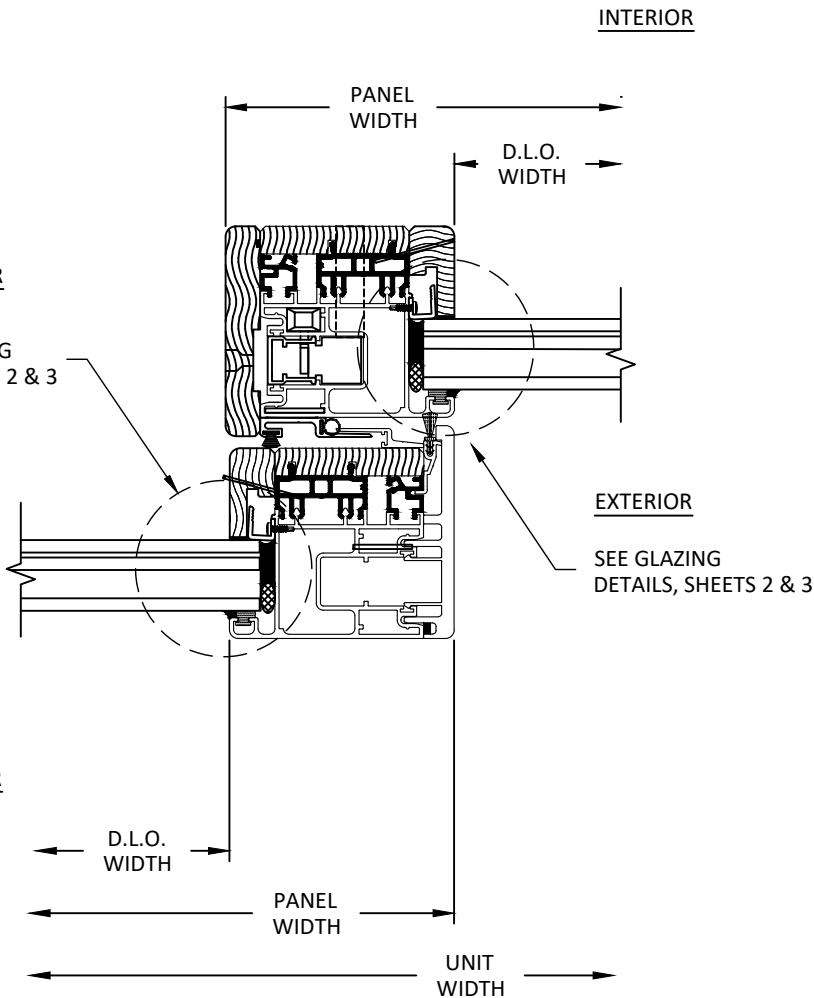
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DWG. #:	WSD013
SHEET:	15



S
15
HORIZONTAL SECTION
AWLS-C JAMB
3 TRACK

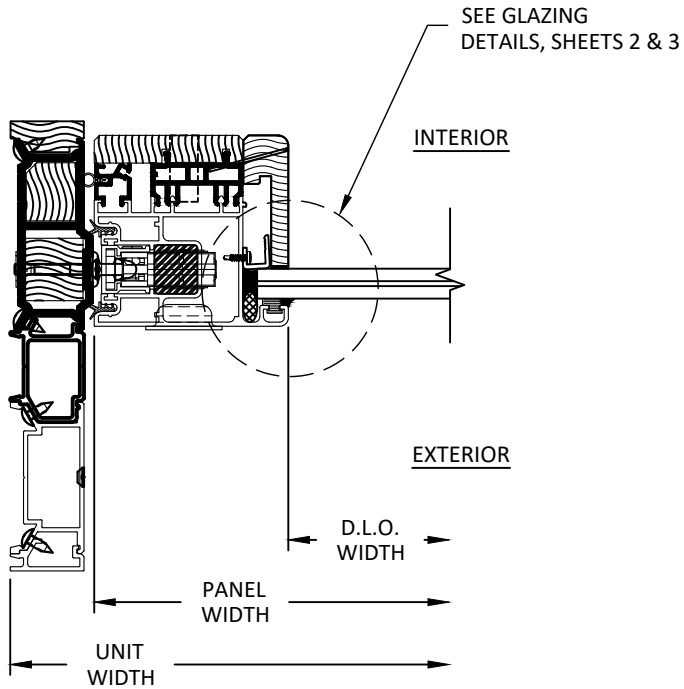


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15
HORIZONTAL SECTION
AWLS-C MEETING STILE

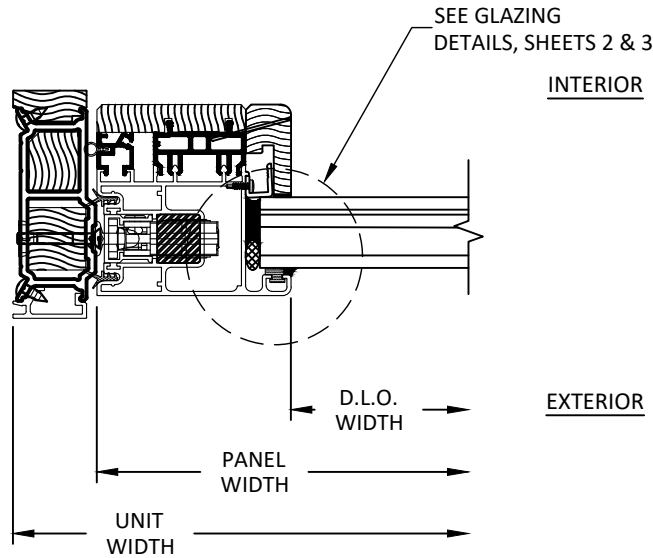


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HORIZONTAL SECTION
AWLS-C INTERLOCK

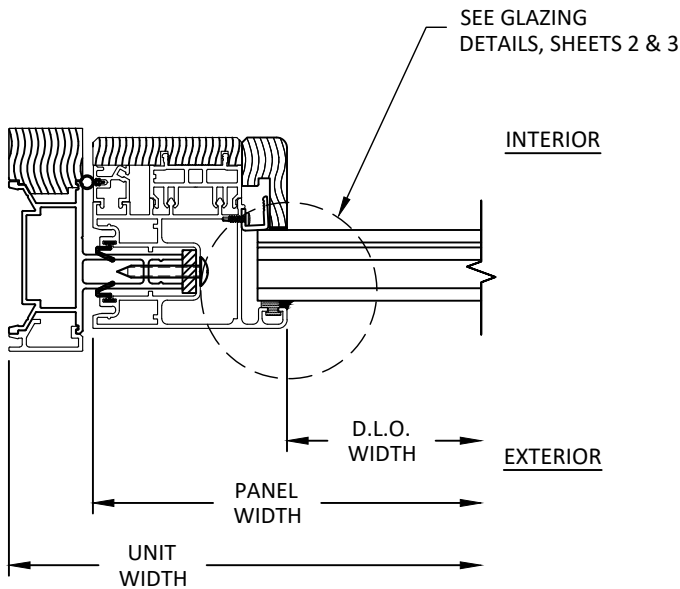
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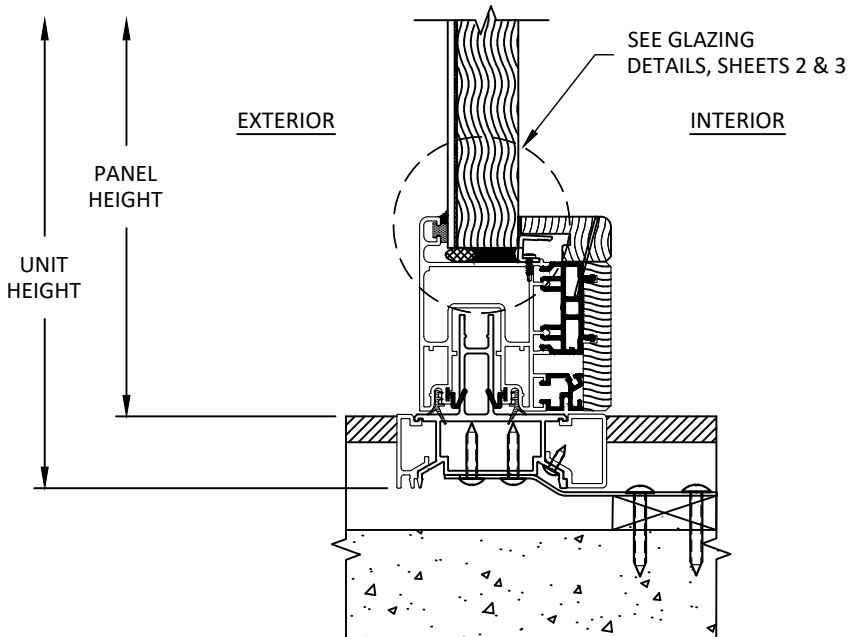
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16 **HORIZONTAL SECTION**
AWLS-C JAMB
2-TRACK



W
16 **HORIZONTAL SECTION**
AWLS-C JAMB
1-TRACK



AA
16 **HORIZONTAL SECTION**
AWLS-C JAMB
H-TRACK



CC
16 **VERTICAL SECTION**
AWLS-C SILL
H TRACK



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

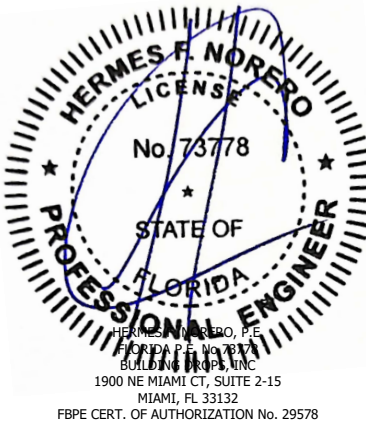
TITLE: AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
HORIZONTAL SECTIONS
& VERTICAL SECTION

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



REMARKS	BY	DATE
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SCALE: **NTS**

DWG. #: **WSD013**

SHEET:

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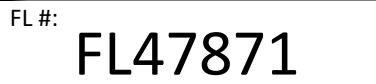
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HORIZONTAL SECTIONS

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FAX: (954)744.4738
WEB: www.buildingdrops.com



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DWG. #: WSD013

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

AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)

HORIZONTAL SECTIONS

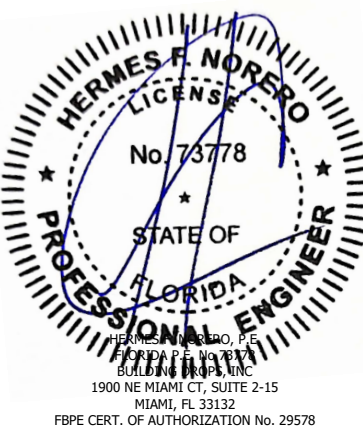
PREPARED BY:
BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

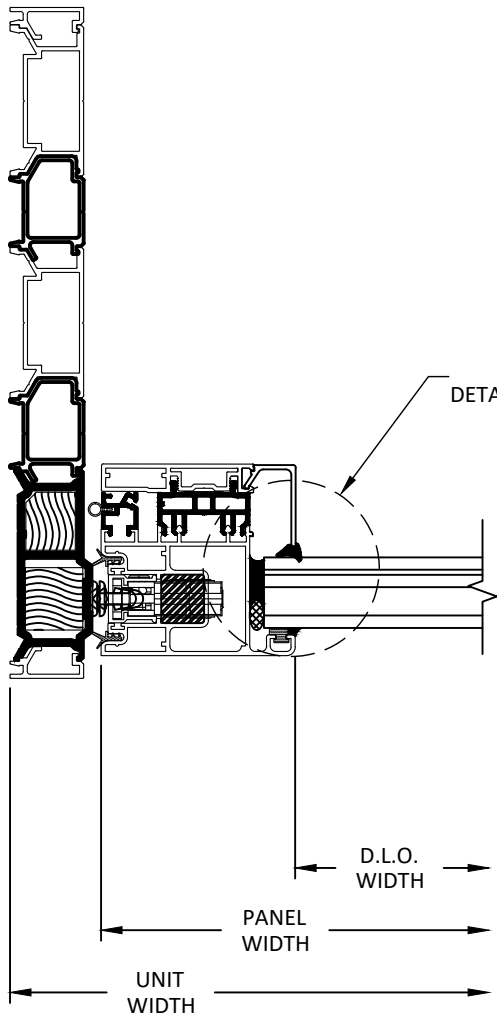


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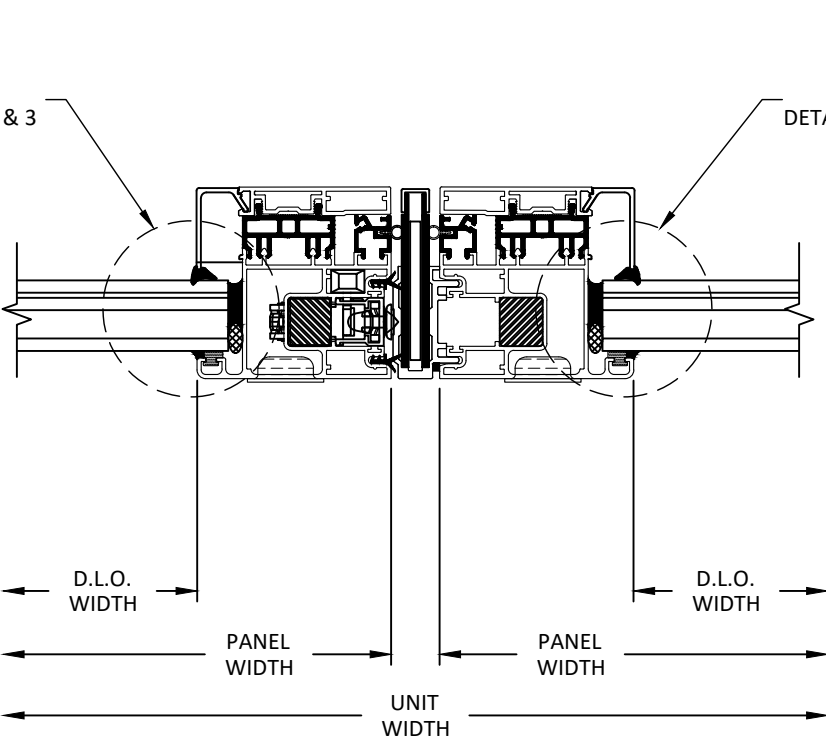
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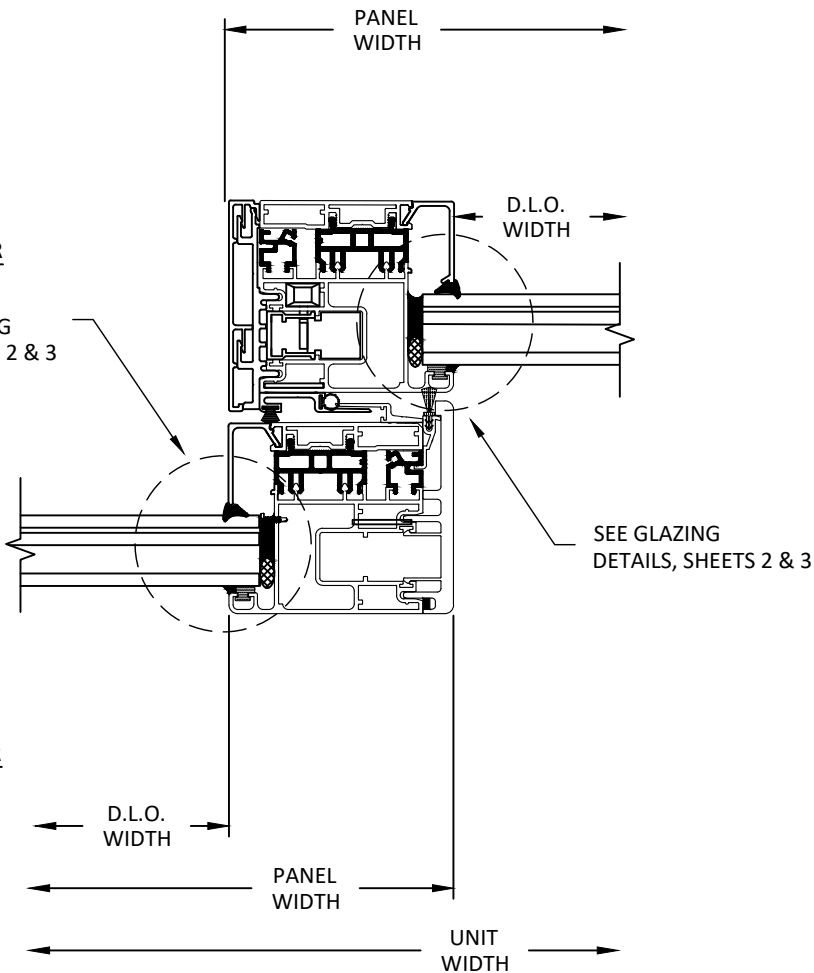
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	WSD013
SHEET:	18



E
18
HORIZONTAL SECTION
ALS-C JAMB
3 TRACK



F
18
HORIZONTAL SECTION
ALS-C MEETING STILE

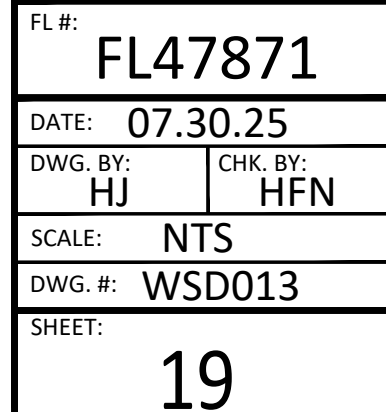


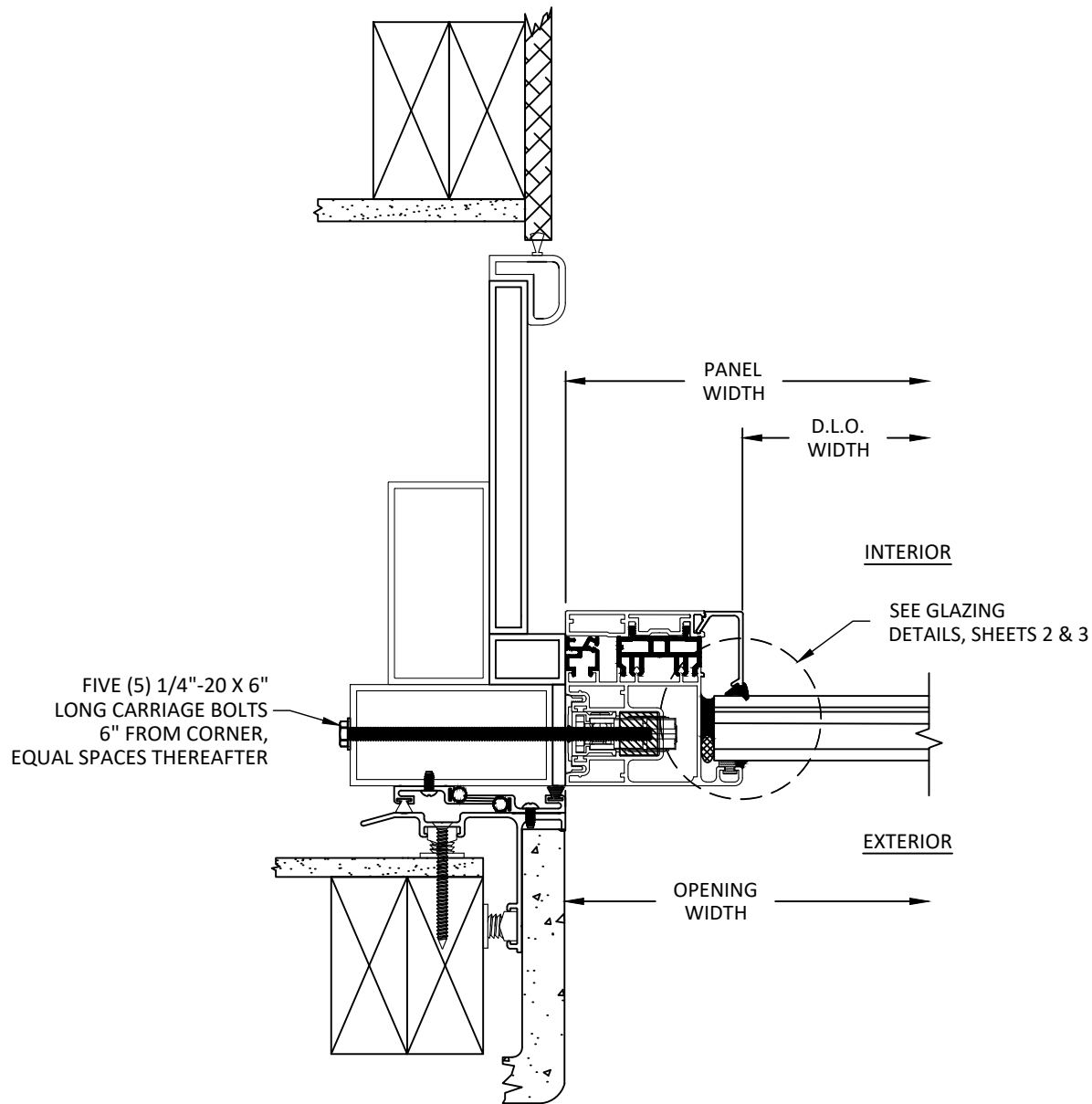
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18
HORIZONTAL SECTION
ALS-C INTERLOCK

BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

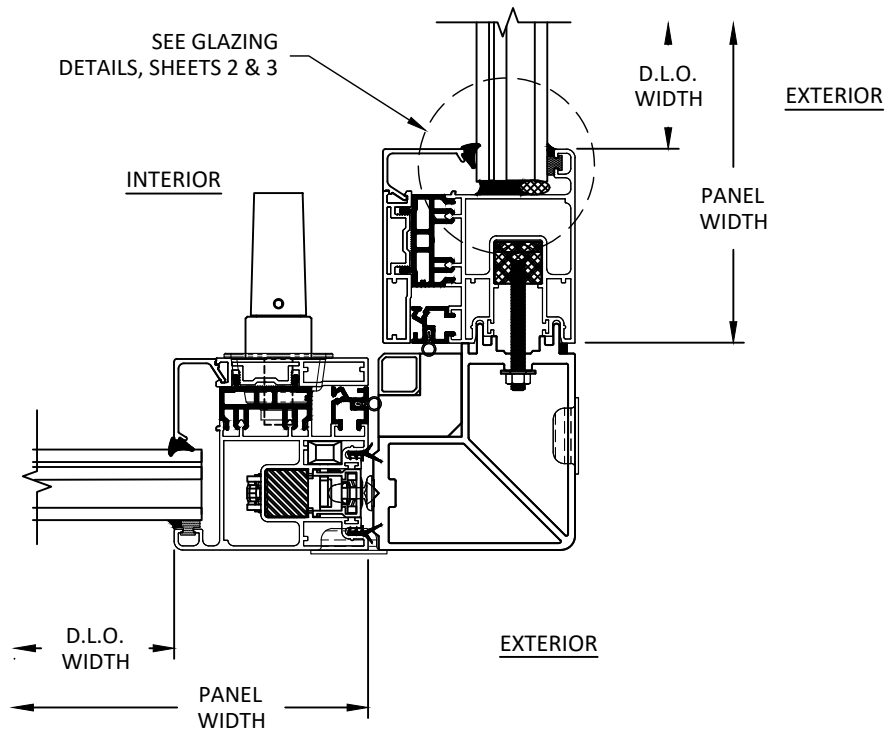
PH: (954)395-8478
FAX: (954)744-4738
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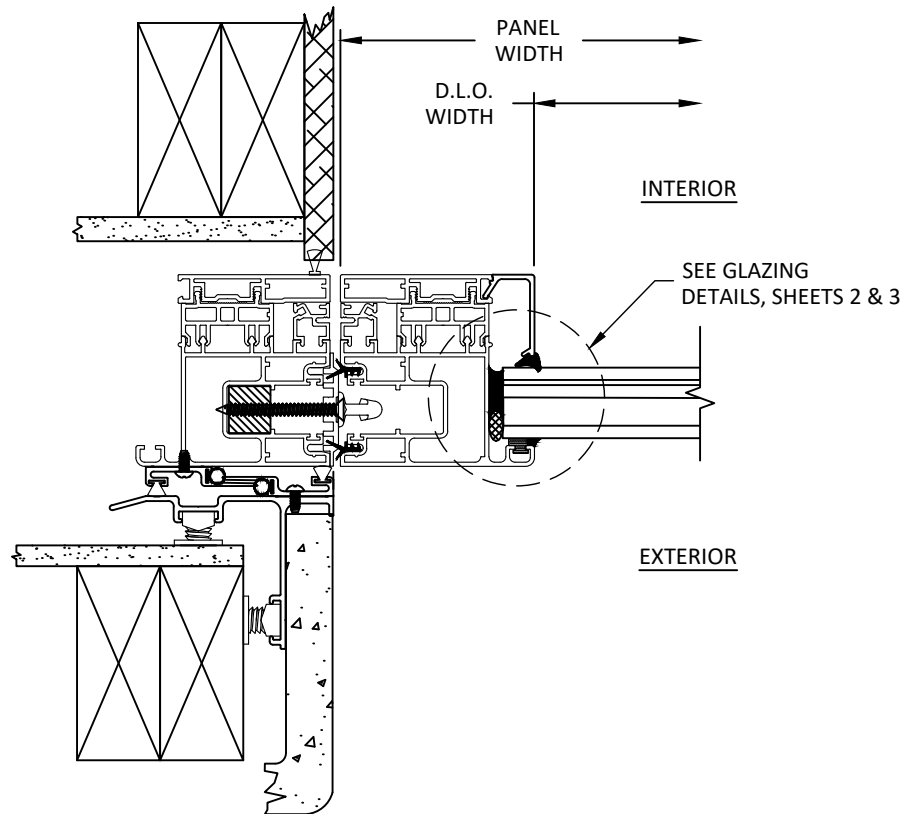




J
20 **HORIZONTAL SECTION**
ALS-C 3-TRACK POCKET JAMB



K
20 **HORIZONTAL SECTION**
ALS-C 90° CORNER POST



L
20 **HORIZONTAL SECTION**
ALS-C 1-TRACK WALL JAMB



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

TITLE:
AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)
HORIZONTAL SECTIONS

PREPARED BY:
B.D.
BUILDING DROPS

BUILDING DROPS, INC.
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MIAMI, FL 33132
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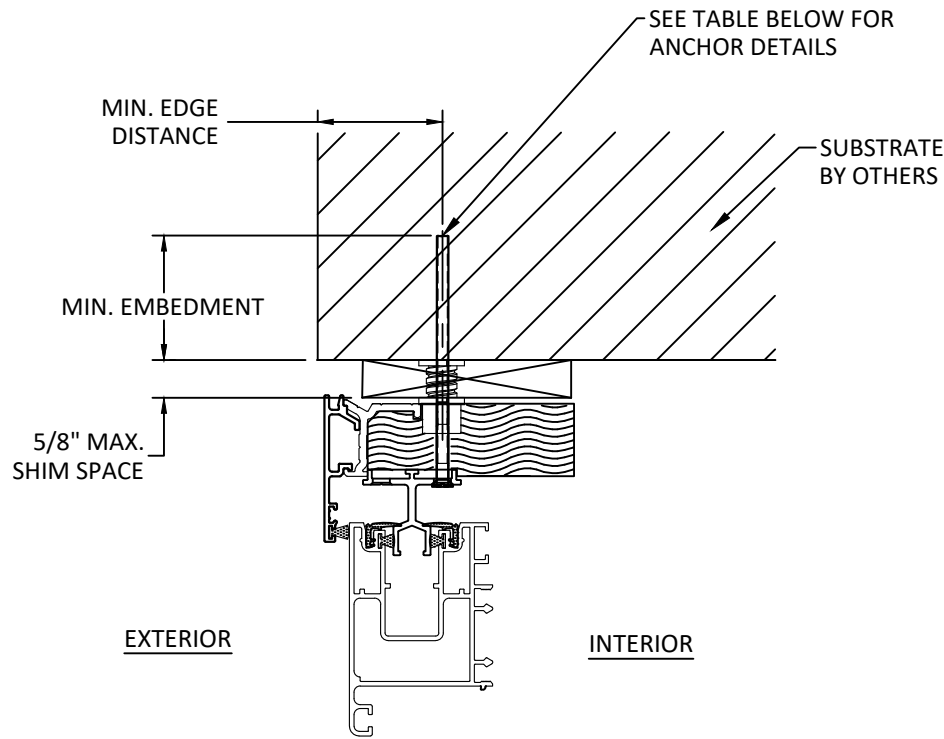
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DP TABLE REV.	HJ	4/26

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SCALE:	NTS
DWG. #:	WSD013
SHEET:	20

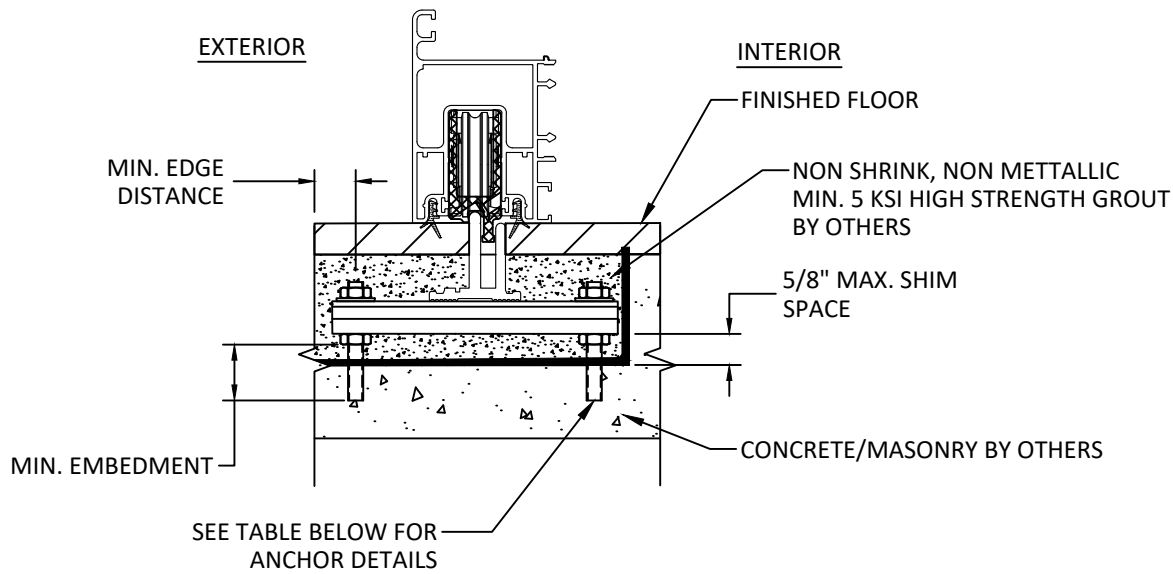
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M 21 **VERTICAL SECTION**
1-TRACK HEAD - THROUGH FRAME

INSTALLATION NOTES:

- ONE INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEETS 8, 9, & 10.
- 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 21 **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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TITLE: AWLS-C & ALS-C
LIFT AND SLIDE DOOR
(HVHZ/IMPACT)

ANCHOR DETAILS
& INSTALLATION NOTES

PREPARED BY:

BUILDING DROPS, INC.

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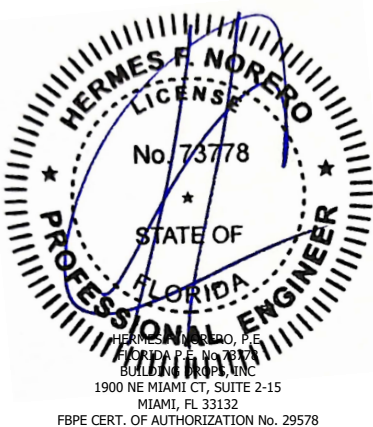
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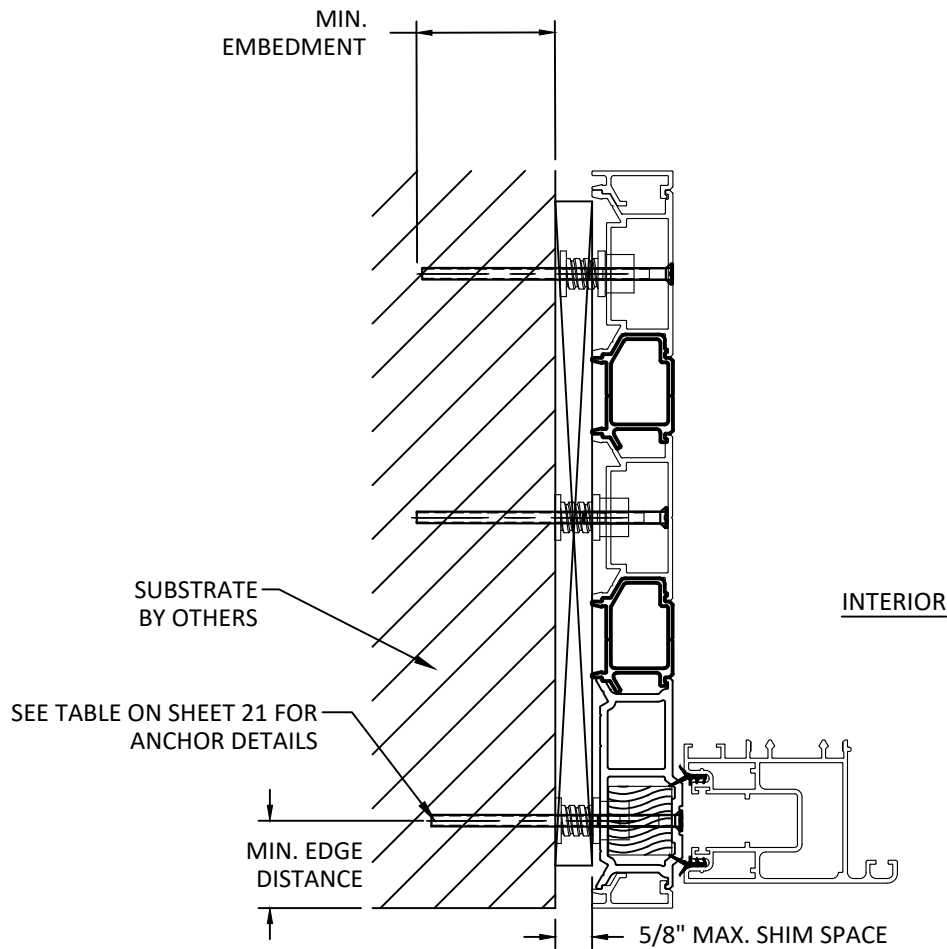
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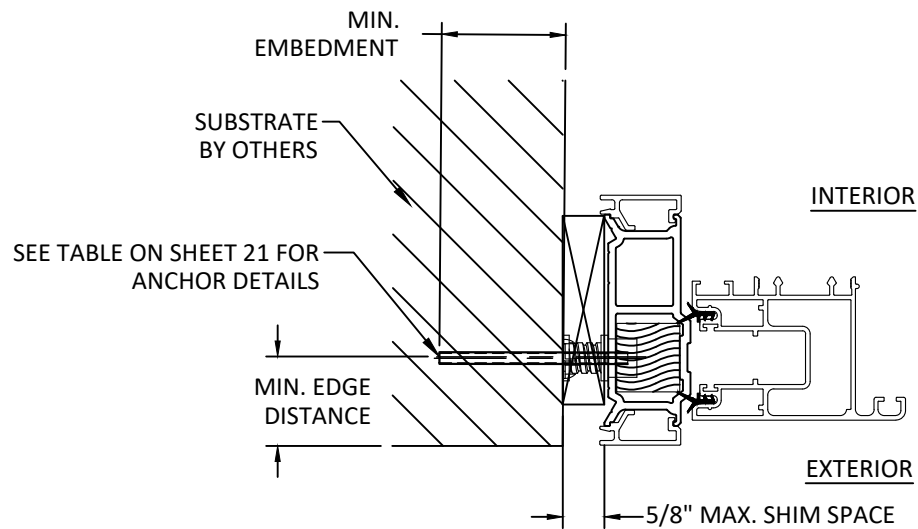


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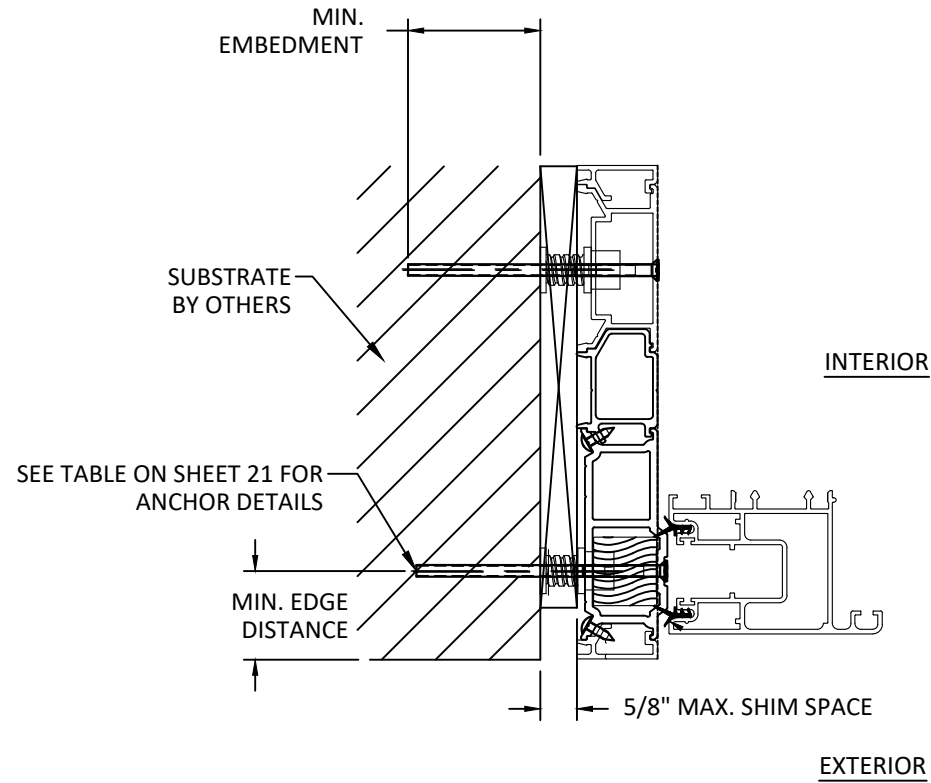
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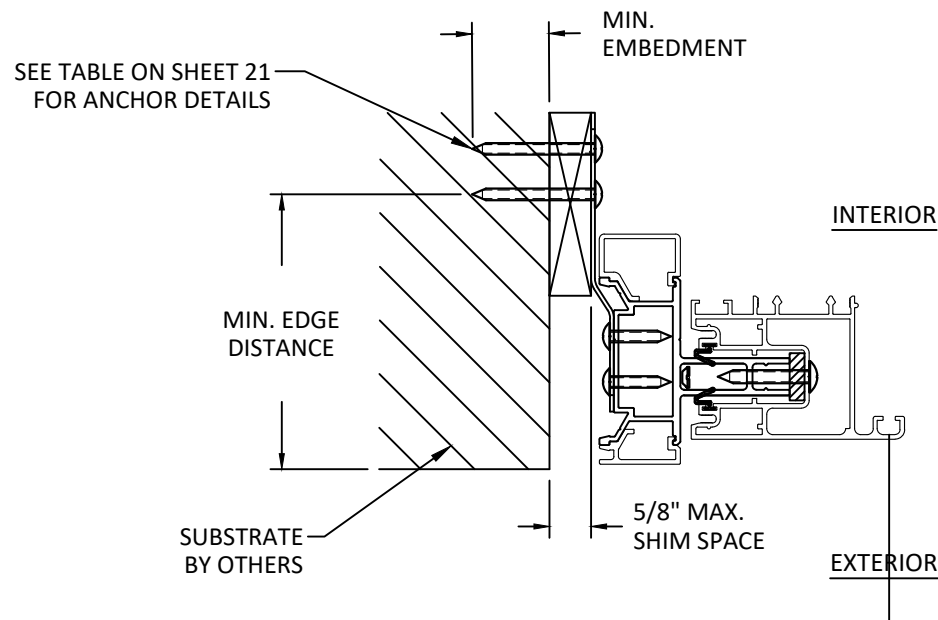
O 22 VERTICAL SECTION
3 TRACK JAMB - THROUGH FRAME



P 22 VERTICAL SECTION
1 TRACK JAMB - THROUGH FRAME



Q 22 VERTICAL SECTION
2 TRACK JAMB - THROUGH FRAME



R 22 HORIZONTAL SECTION
1 TRACK JAMB - H TRACK



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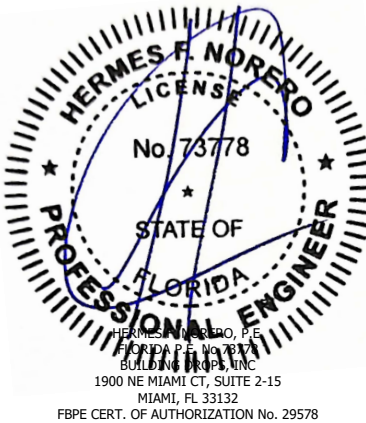
TITLE: AWLS-C & ALS-C
LIFT AND SLIDE DOOR
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ANCHOR DETAILS

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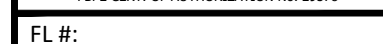
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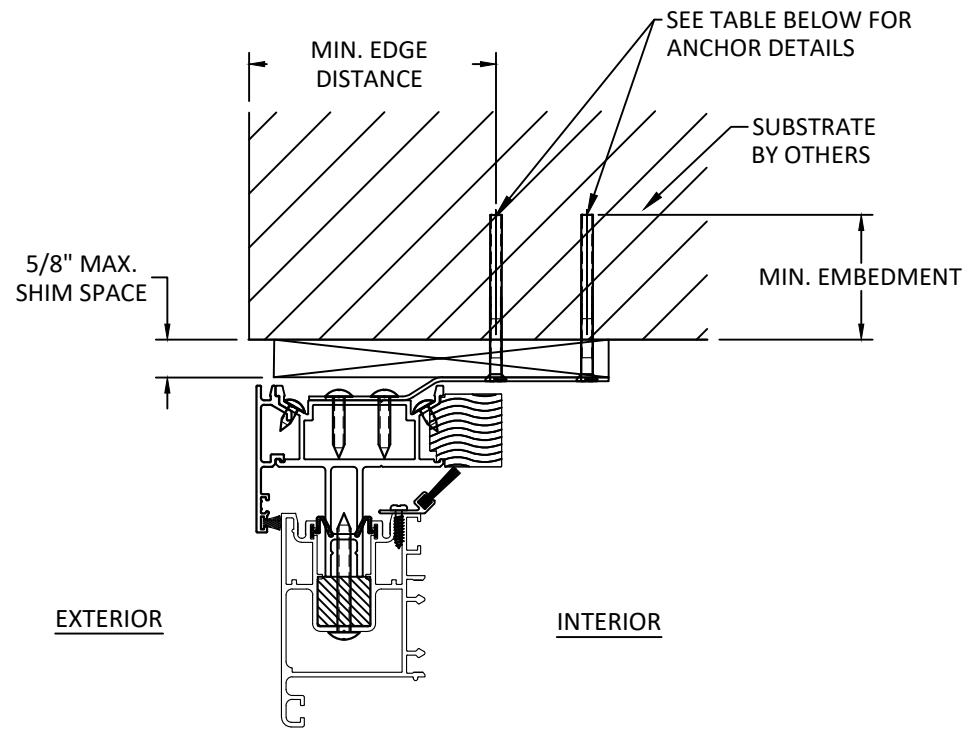
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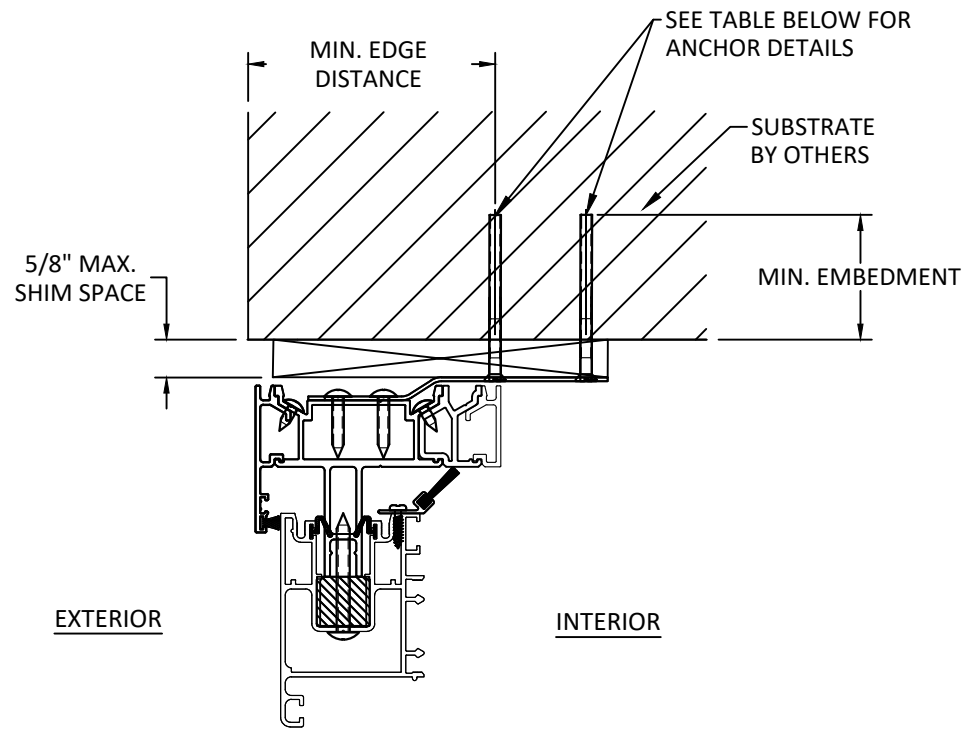
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VERTICAL SECTION

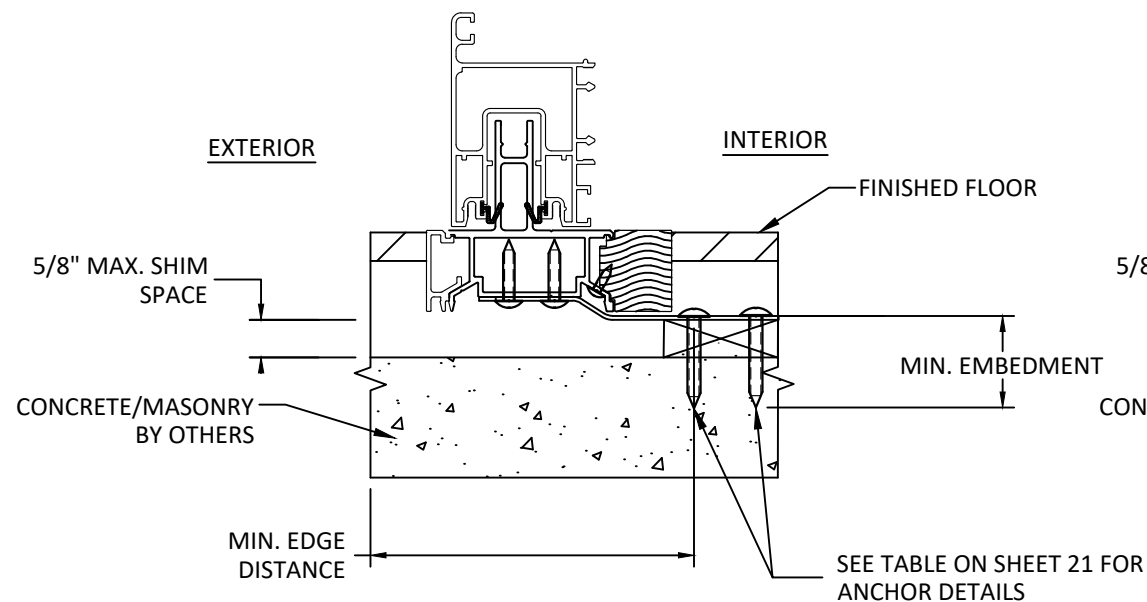
H-TRACK HEAD
AWLS-C



Y
24

VERTICAL SECTION

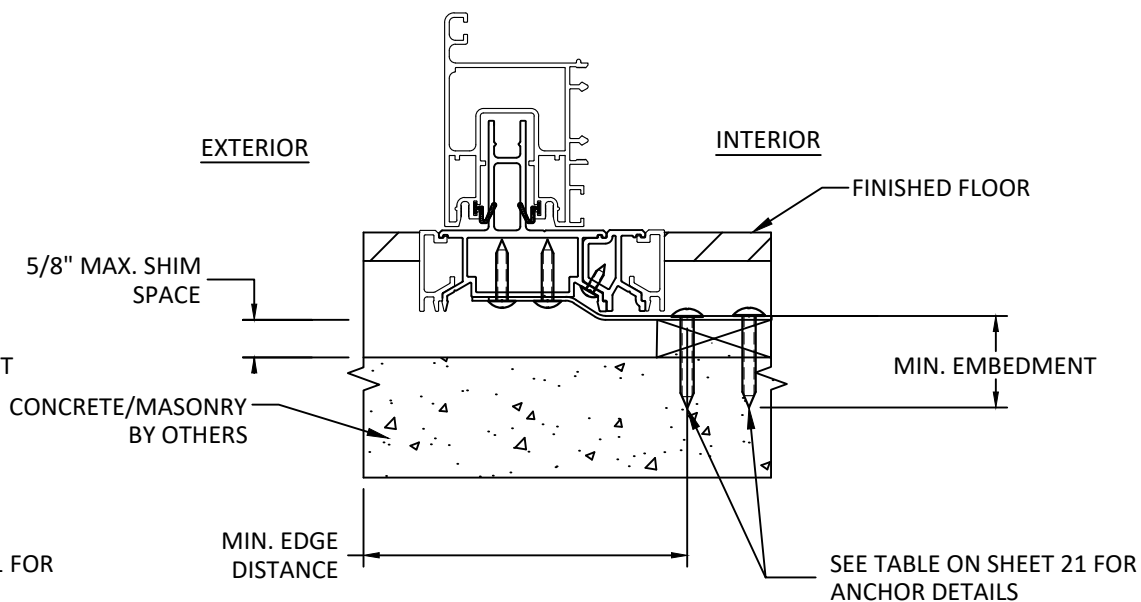
H-TRACK HEAD
ALS-C



X
24

VERTICAL SECTION

H-TRACK SILL
AWLS-C



Z
24

VERTICAL SECTION

H-TRACK SILL
ALS-C



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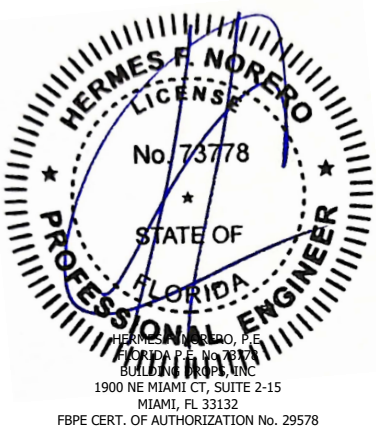
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