

Co.Me.P Infissi SRL

EBE 85 BRASS LIFT & SLIDE DOOR

(HVHZ) (IMPACT)

GENERAL NOTES:

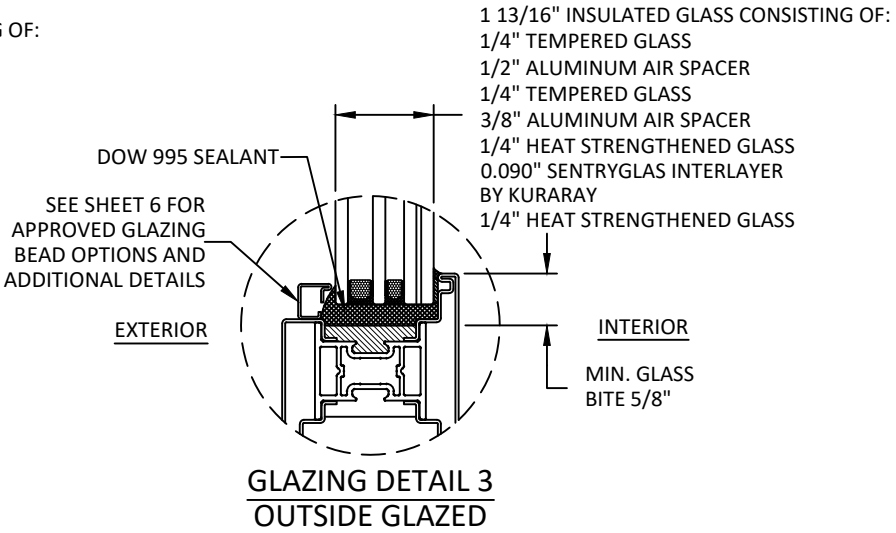
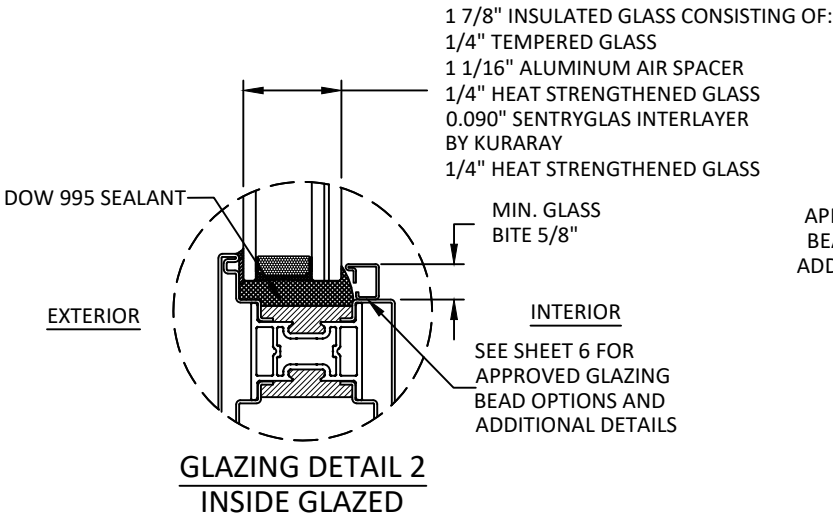
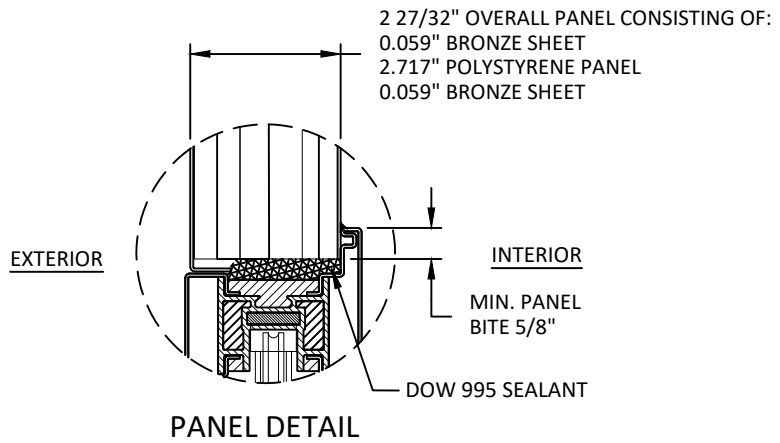
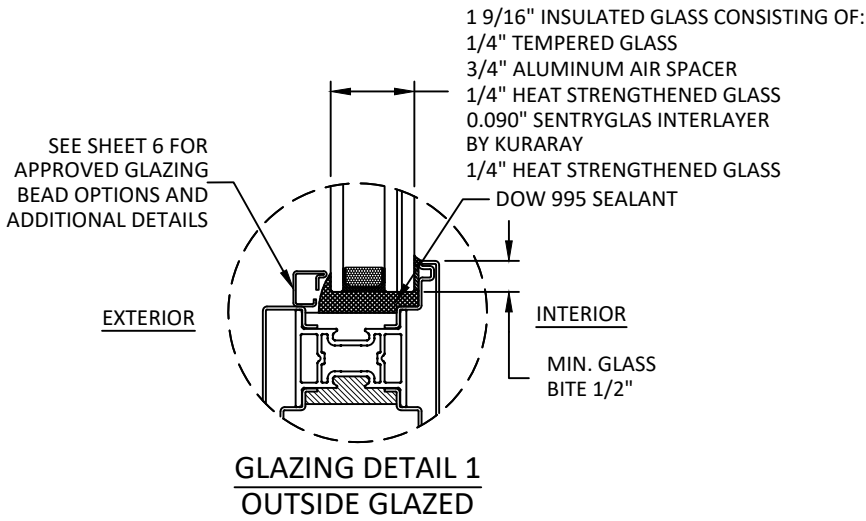
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **INCLUDING HVHZ** AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E283-04(12)
 - ASTM E331-00(09)
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL 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.
- 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** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL OPTIONS:
 - BRASS (MIN. FY = 29 KSI, MIN. FU = 50 KSI)
 - STEEL/PAINTED STEEL (MIN. FY = 31 KSI, MIN. FU = 72 KSI)
 - COR-TEN STEEL (MIN. FY = 51 KSI, MIN. FU = 74 KSI)
 - STAINLESS STEEL (MIN. FY = 31 KSI, MIN. FU = 76 KSI)
- DOOR HARDWARE: SIGENA, SALVIO, OR AGB LIFT & SLIDE MECHANISMS
- ALL STRUCTURAL MATERIALS & DISSIMILAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
- DESIGNATIONS "X", "O", "P" STAND FOR THE FOLLOWING:
 - X: OPERABLE
 - O: FIXED PANEL
 - P: POCKET

GLAZING NOTES:

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING 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.
- TWO APPROVED SETTING BLOCKS SHALL BE USED FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DP TABLE ON SHEET 1, AND ELEVATIONS ON SHEET 2.

PROFILE TYPE	PANEL SIZE		APPROVED CONFIGURATIONS	DESIGN PRESSURE	MISSILE IMPACT RATING
	WIDTH	HEIGHT			
REGULAR PROFILE	SEE SHEET 2	SEE SHEET 2	SEE SHEET 2	SEE SHEET 2	LARGE MISSILE IMPACT
REDUCED PROFILE	SEE SHEET 2	SEE SHEET 2	SEE SHEET 2	SEE SHEET 2	LARGE MISSILE IMPACT

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAILS
2	DESIGN PRESSURE TABLES & APPROVED GLAZING BEADS
3	ELEVATION & ANCHOR LAYOUT
4	ELEVATION & ANCHOR LAYOUT
5	ELEVATION & ANCHOR LAYOUT
6	ELEVATION & ANCHOR LAYOUT
7	VERTICAL SECTIONS
8	VERTICAL SECTIONS
9	VERTICAL SECTIONS
10	HORIZONTAL SECTIONS
11	HORIZONTAL SECTIONS
12	INSTALLATION NOTES & ANCHOR DETAILS
13	ANCHOR DETAILS



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TITLE: **EBE 85 BRASS LIFT & SLIDE DOOR
(HVHZ) (IMPACT)**

GENERAL NOTES & GLAZING DETAILS

PREPARED BY: **BUILDING DROPS, INC.**

1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
PH: (954) 744-4738
WEB: WWW.BUILDINGDROPS.COM



REMARKS	BY	DATE

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Digitally signed by **Hermes F. Norero, P.E.**
Reason: I am approving this document
Date: 2023.12.15 15:39:44 -0500



FL44182

DATE: **08/2/23**

DWG. BY:
OL

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **COM011**

SHEET: **1** OF 13

DESIGN PRESSURE TABLES & QUALIFIED CONFIGURATIONS

APPROVED CONFIGURATIONS INCLUDE:

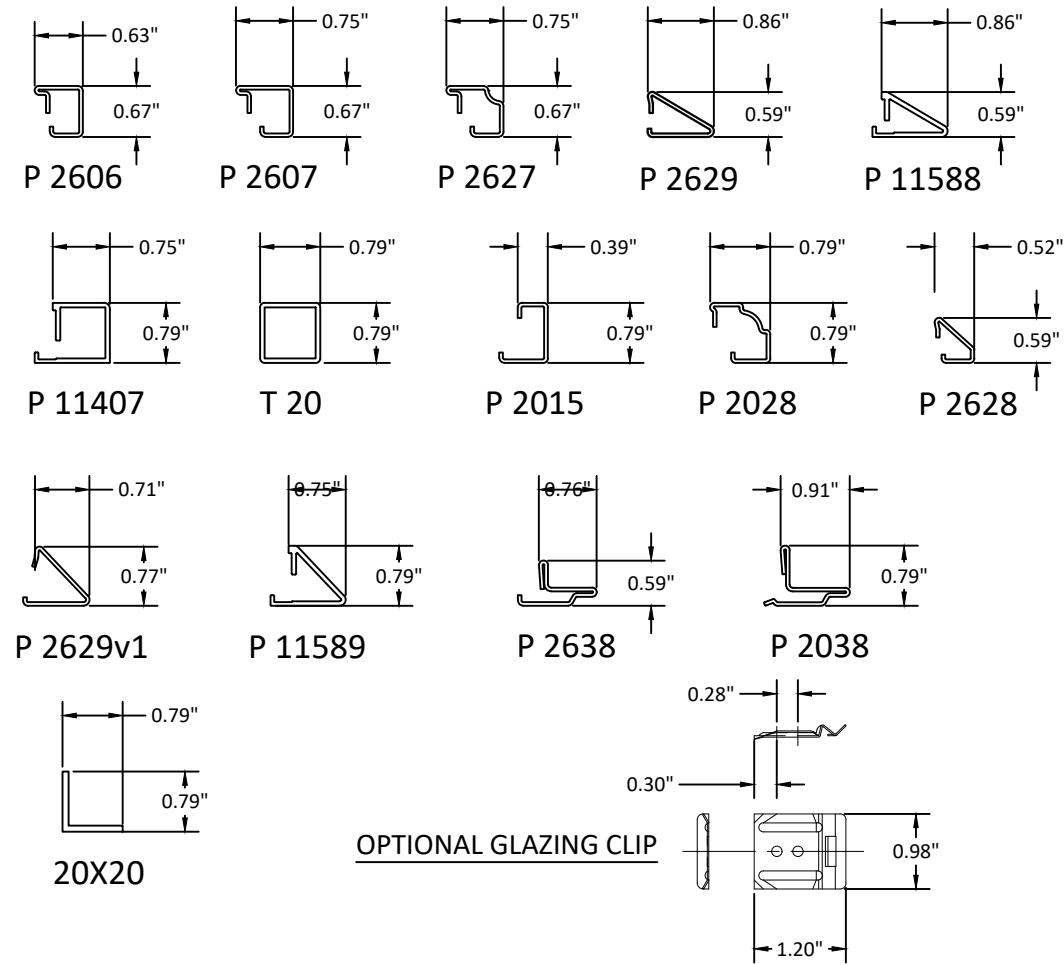
- 1 TRACK - PX-XP, PX, XP
2 TRACK - XX, XO, PXX, XXP, OXO, OX-X, X-XO, OX-XP, OX-XO, XX-XX, XX-XO, XO-XX, PX-XO, PXX-XO, OX-XXP, PXX-XXP, OX-XXP, PXX-XP
3 TRACK - XXX, XO, OXX, PXXX, XXXP, PXXX-XXXP, OXX-XXO, PXXX-XXO, OXX-XXXX
4 TRACK - XXXX, XXXO, OXXX, PXXXX, XXXXP, PXXXX-XXXXP, OXXX-XXXO, PXXXX-XXXO, OXXX-XXXXP
5 TRACK - PXXXXX, XXXXXP, XXXXO, OXXXX, PXXXXX-XXXXXP, OXXXX-XXXO, PXXXXX-XXXO, OXXXX-XXXXP
6 TRACK - PXXXXXX, XXXXXXP, XXXXXX, XXXXO, OXXXX

ELEVATIONS SHOWN ON THE FOLLOWING SHEETS ARE REPRESENTATIVE CONFIGURATIONS. CONFIGURATIONS LISTED ABOVE ARE QUALIFIED SUCH THAT THEY USE THE SAME DETAILS CONTAINED HEREIN AND DO NOT EXCEED THE FOLLOWING SIZE LIMITS SHOWN ON THIS SHEET.

FRAME WIDTH LIMIT = 762.375" (EXCLUDING POCKET DIMENSIONS)
FRAME AREA LIMIT = 779 SQ. FT. (EXCLUDING POCKET DIMENSIONS)

D.L.O. WIDTH = PANEL WIDTH - 6.22"
D.L.O. HEIGHT = FRAME HEIGHT - 9.23"
PANEL HEIGHT = FRAME HEIGHT - 1.83"

APPROVED GLAZING BEAD OPTIONS



DESIGN PRESSURE TABLE - REGULAR PROFILE		
PANEL WIDTH (IN.)	FRAME HEIGHT (IN.)	ALLOWABLE DESIGN PRESSURE (+/- PSF)
60	98	65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		60.8
96		57.0
102		53.7
108		51.1
114		48.9
120	104	47.2
60		65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		60.8
96		57.0
102		53.6
108		50.7
114	110	48.3
119		46.7
60		65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		60.8
96		57.0
102		53.6
108	116	50.6
112		48.8
60		65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		60.8
96		57.0
102		53.6
106	122	51.6
60		65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		60.8
96		57.0
101		54.1
60	128	65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		60.8
96		57.0
60	134	65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		60.8
91		60.1
60	140	65.0
66		65.0
72		65.0
78		65.0
84		65.0
88		62.1
60	147.125	65.0
66		65.0
72		65.0
78		65.0
84		65.0
84.125		65.0

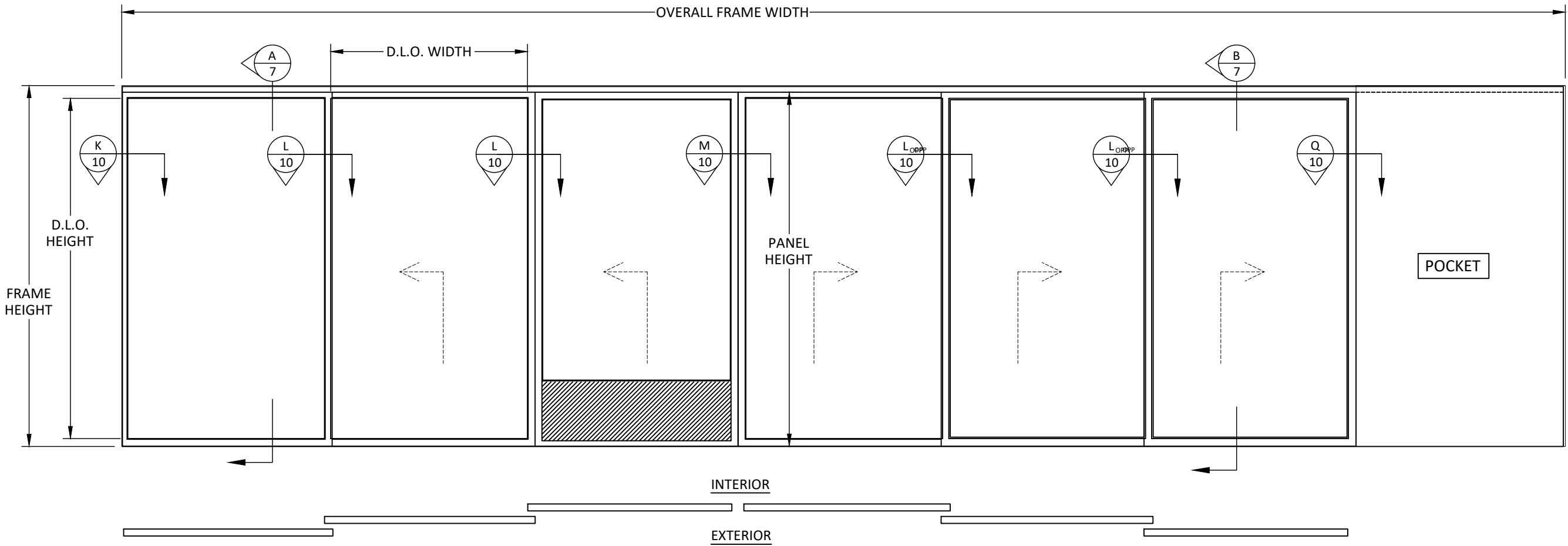
DESIGN PRESSURE TABLE - REDUCED PROFILE		
PANEL WIDTH (IN.)	FRAME HEIGHT (IN.)	ALLOWABLE DESIGN PRESSURE (+/- PSF)
60	98	65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		61.7
96		57.8
102	104	54.5
106		52.7
60		65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		61.7
96		57.8
100	110	55.5
60		65.0
66		65.0
72		65.0
78		65.0
84		65.0
90		61.7
94	116	59.0
60		65.0
66		65.0
72		65.0
78		65.0
84		65.0
89		62.4
60	121	65.0
66		65.0
72		65.0
78		65.0
84		65.0
85.375		65.0

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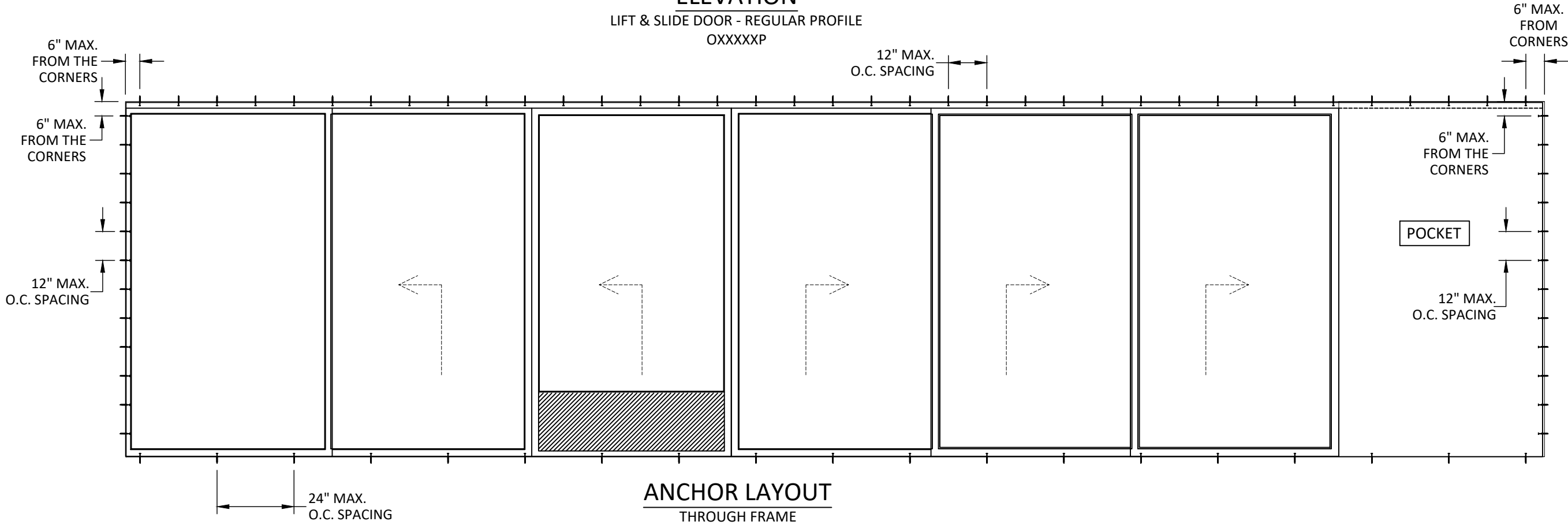
TITLE: **EBE 85 BRASS LIFT & SLIDE DOOR (HVHZ) (IMPACT)**
DESIGN PRESSURE TABLES & APPROVED GLAZING BEADS

PREPARED BY: **BUILDING DROPS, INC.**
1900 NE MIAMI CT., STE. 2-15
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REMARKS	BY	DATE
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FL44182		
DATE: 08/2/23		
DWG. BY: OL	CHK. BY: HFN	
SCALE: NTS		
DWG. #: COM011		
SHEET: 2		OF 13



ELEVATION
LIFT & SLIDE DOOR - REGULAR PROFILE
OXXXXXP



ANCHOR LAYOUT
THROUGH FRAME



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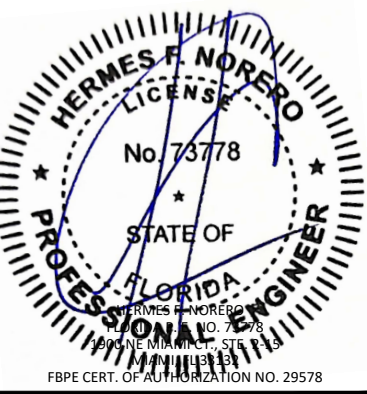
ELEVATION & ANCHOR LAYOUT

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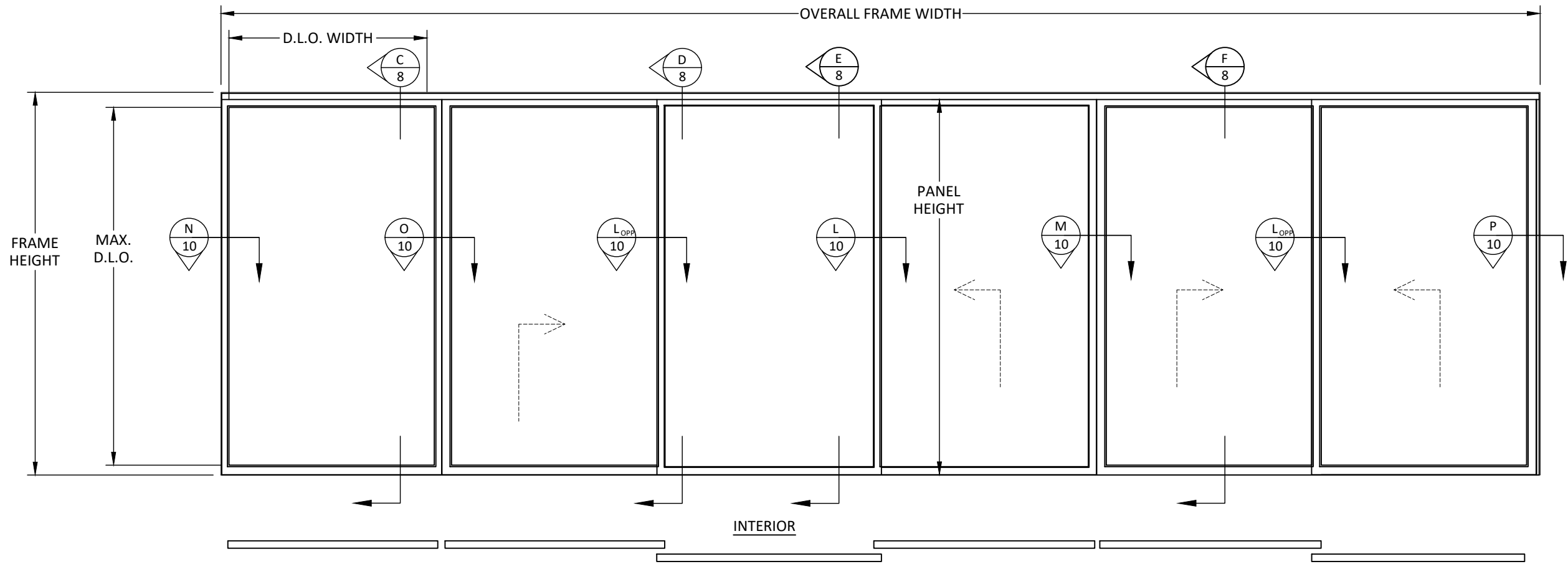
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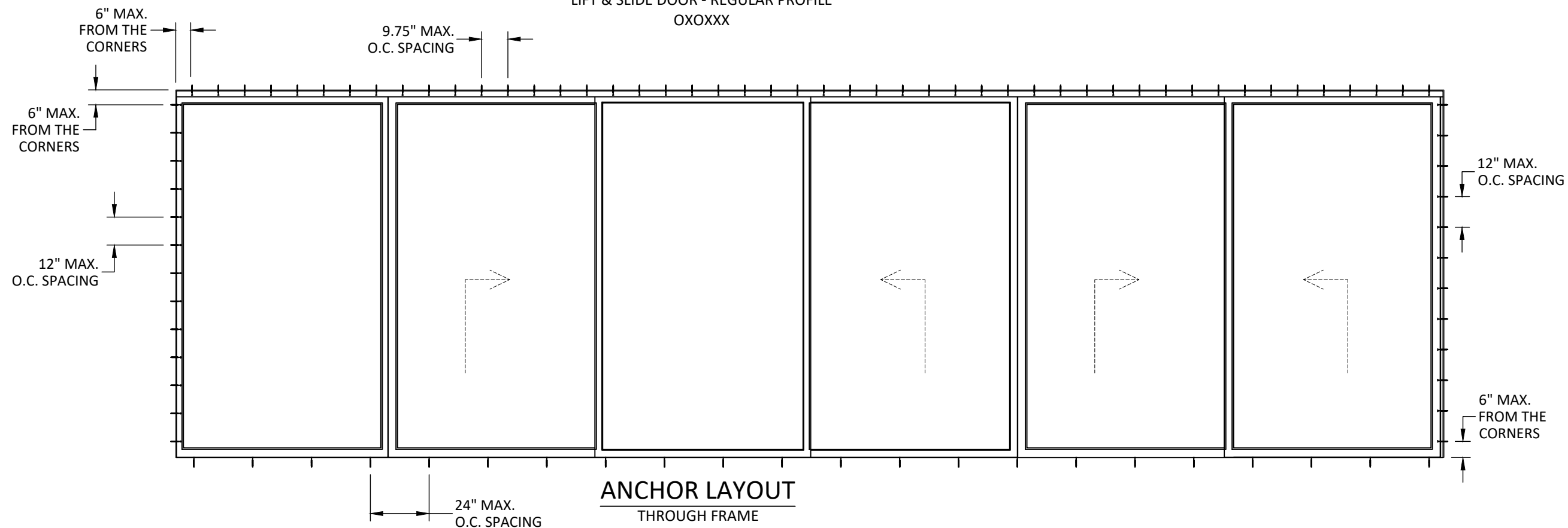
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ELEVATION
LIFT & SLIDE DOOR - REGULAR PROFILE
OXOXXX



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ELEVATION & ANCHOR LAYOUT

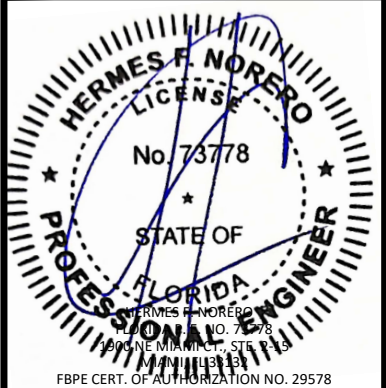
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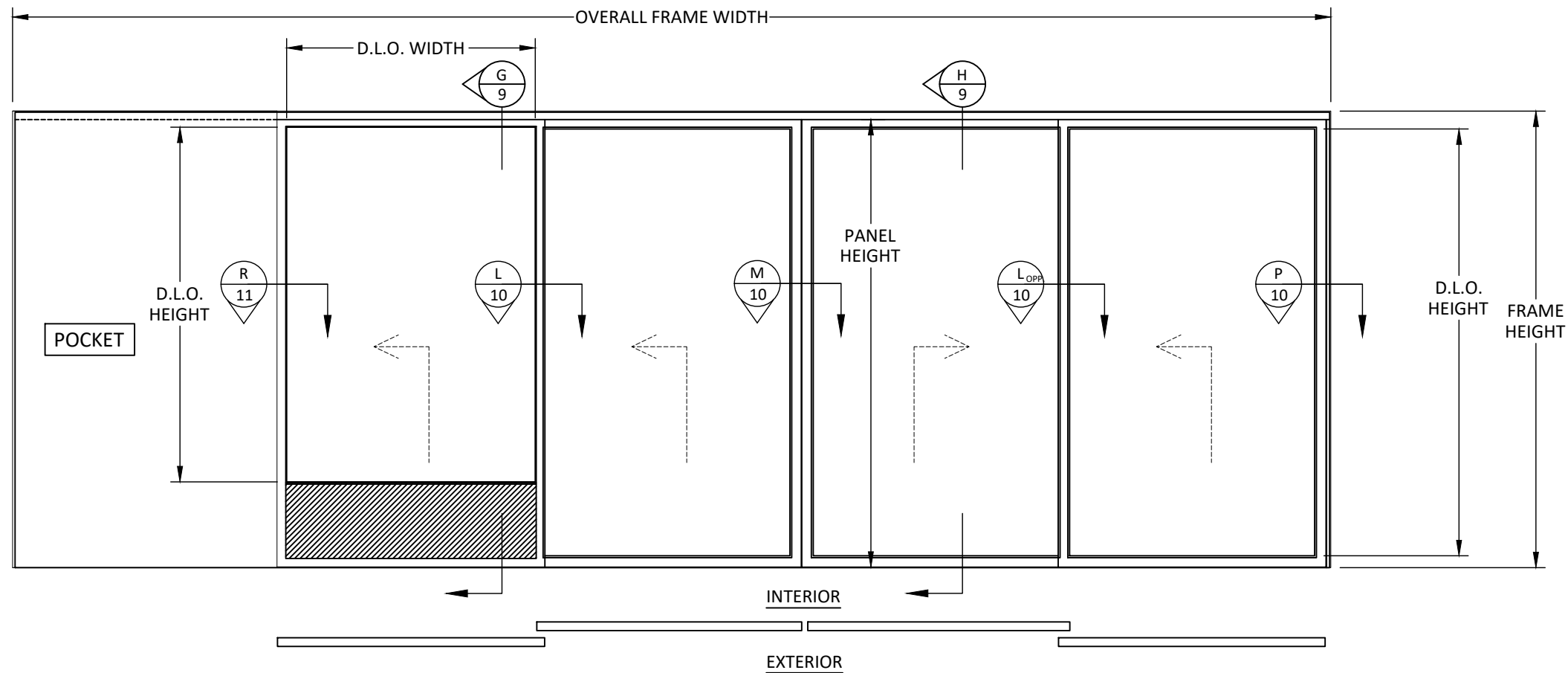
DWG. BY:
OL

CHK. BY:
HFN

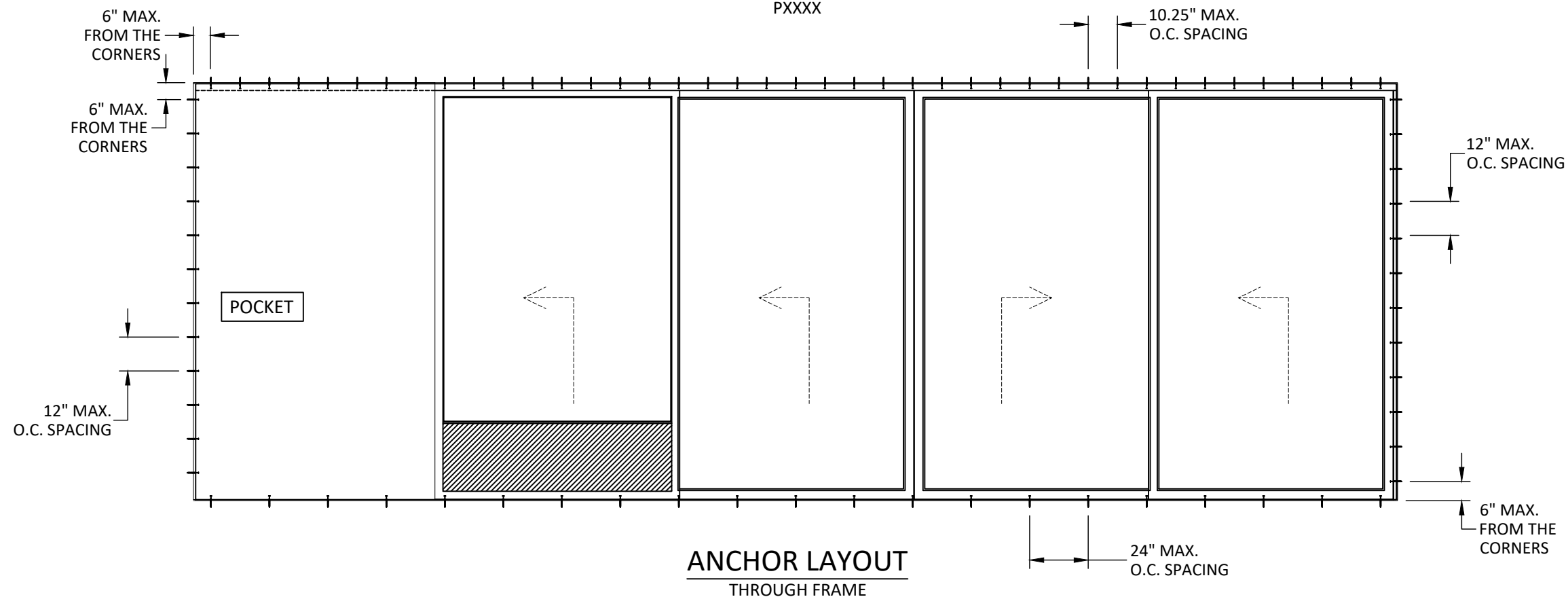
SCALE: **NTS**

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SHEET: **4** OF 13



ELEVATION
LIFT & SLIDE DOOR - REGULAR PROFILE
PXXXX



ANCHOR LAYOUT
THROUGH FRAME



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ELEVATION & ANCHOR LAYOUT

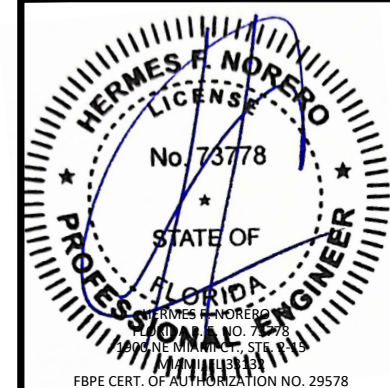
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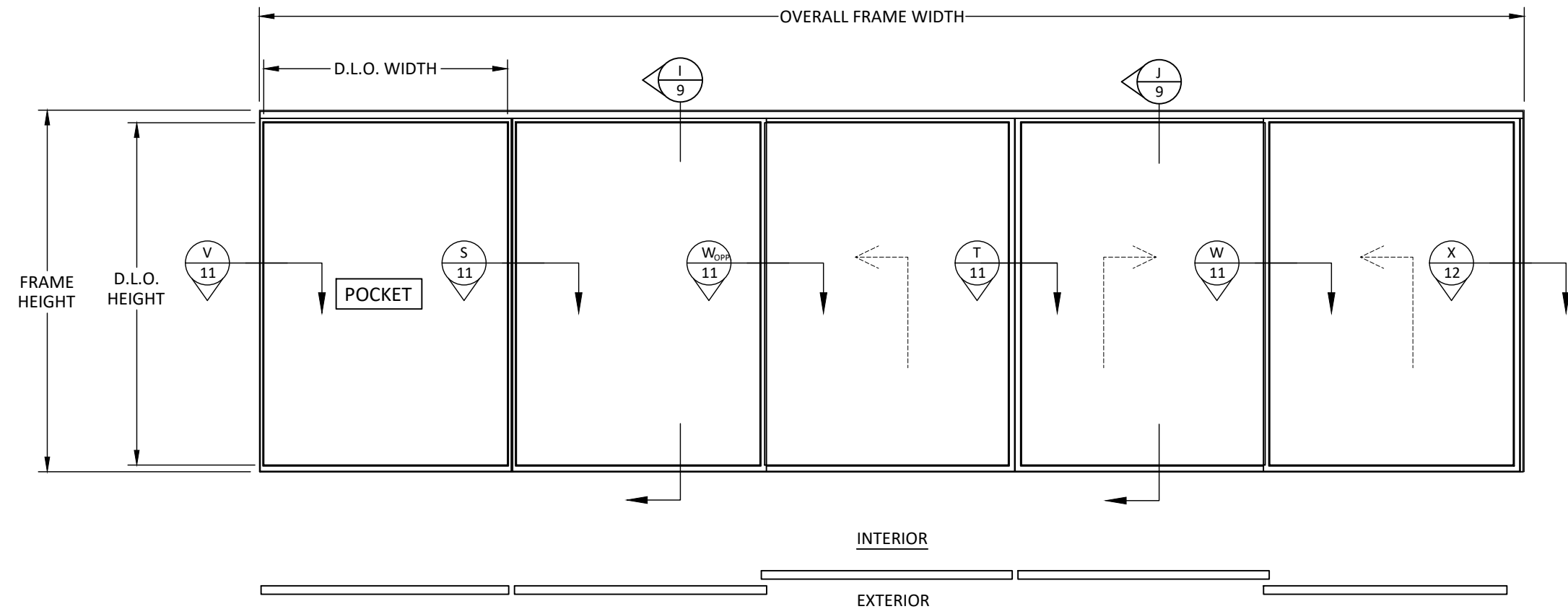
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CHK. BY:
HFN

SCALE: **NTS**

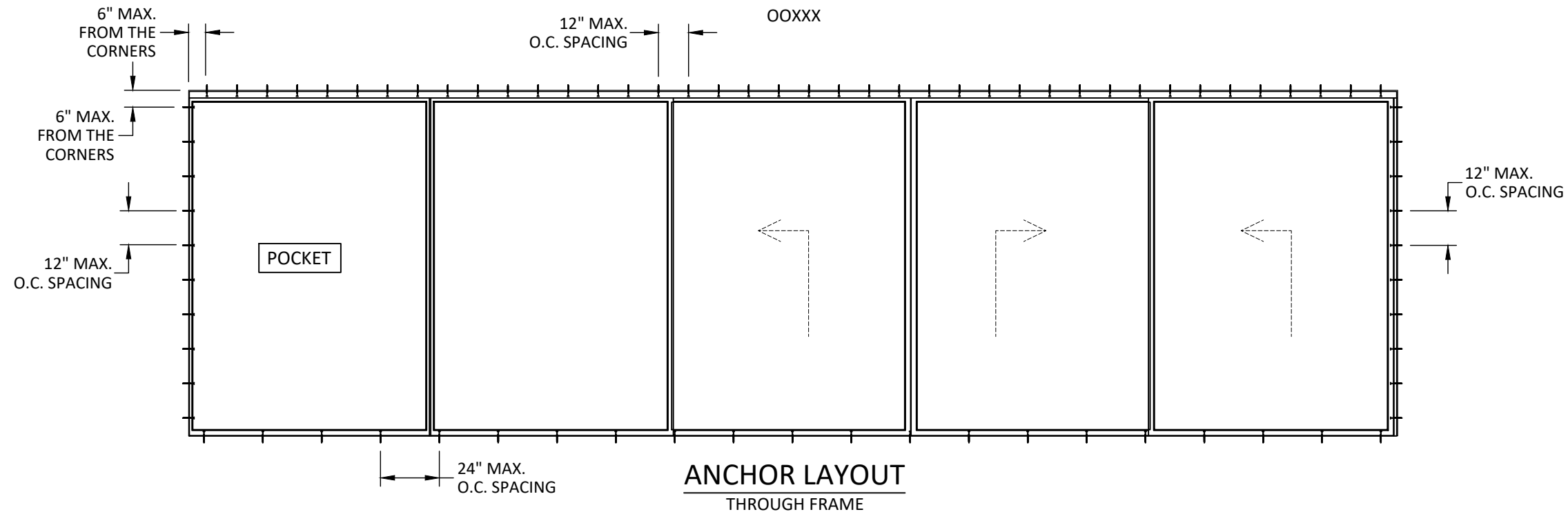
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SHEET: **5** OF 13



ELEVATION

LIFT & SLIDE DOOR - REDUCED PROFILE
OOXXX



ANCHOR LAYOUT THROUGH FRAME



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ELEVATION & ANCHOR LAYOUT

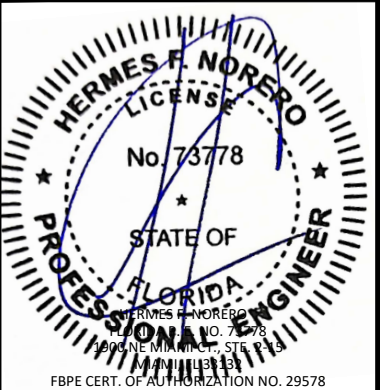
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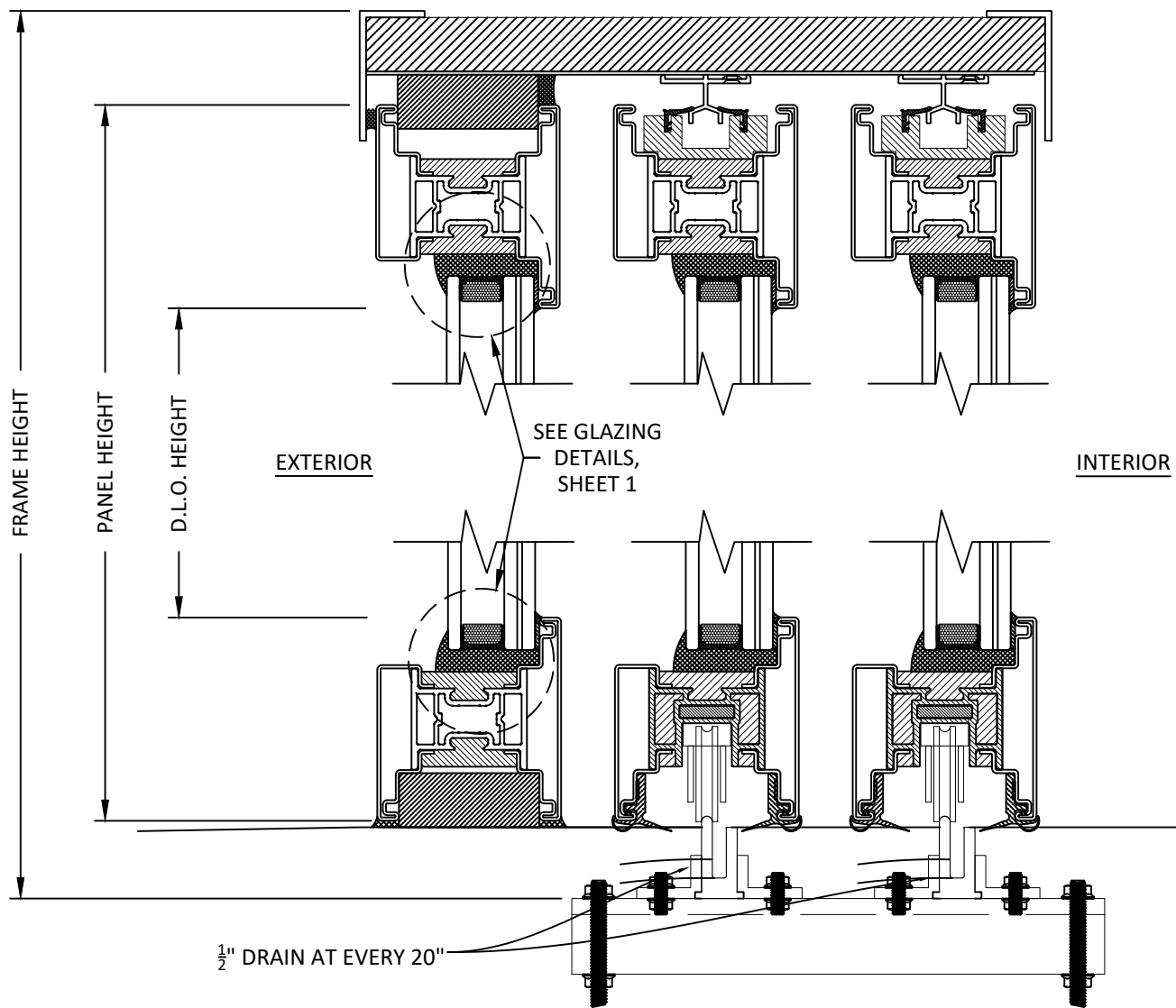
DWG. BY:
OL

CHK. BY:
HFN

SCALE: **NTS**

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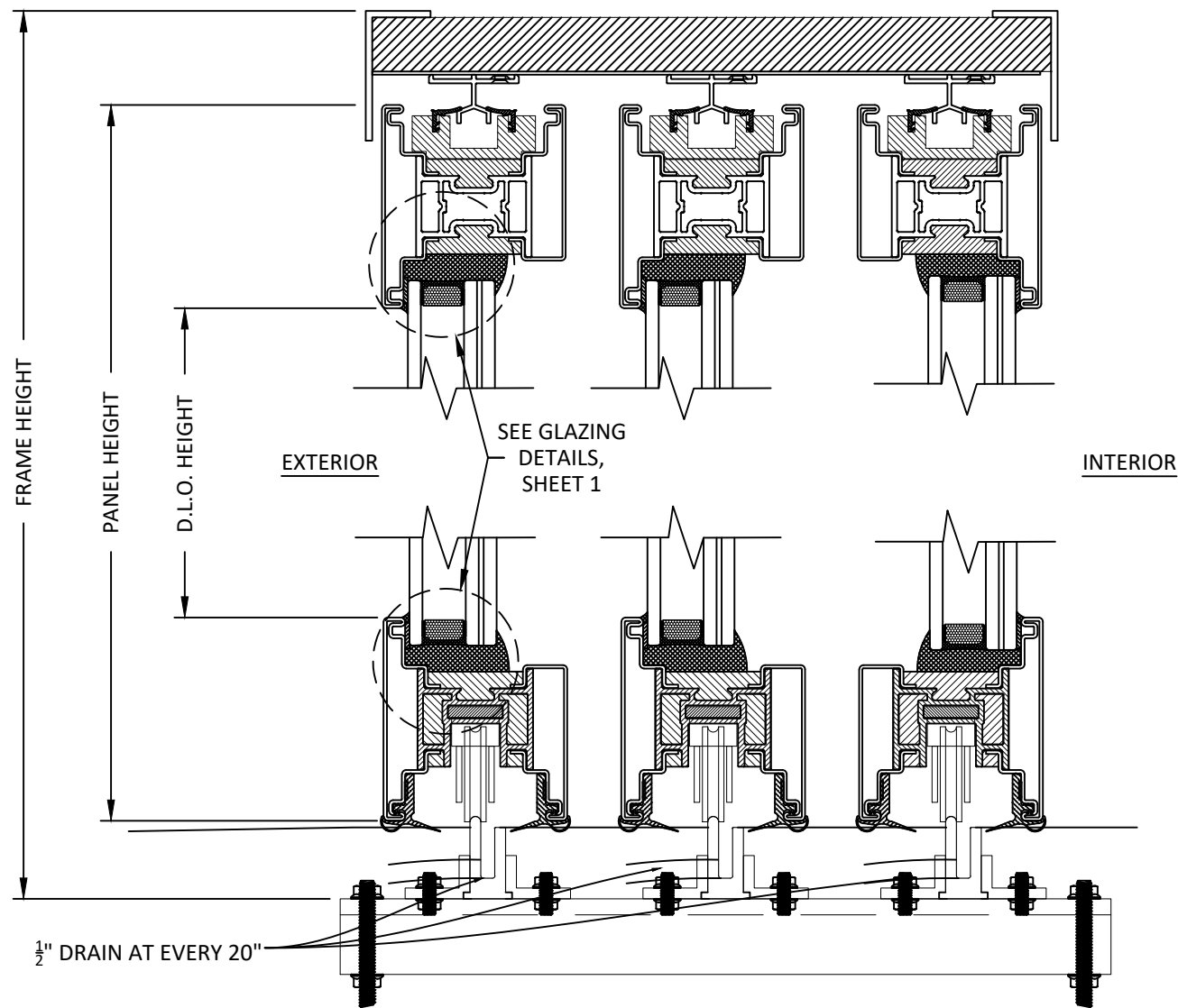
SHEET: **6** OF 13



A
7

VERTICAL SECTION

FIXED PANEL
OUTSIDE GLAZED



B
7

VERTICAL SECTION

OPERABLE PANEL
INSIDE & OUTSIDE GLAZED



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VERTICAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.

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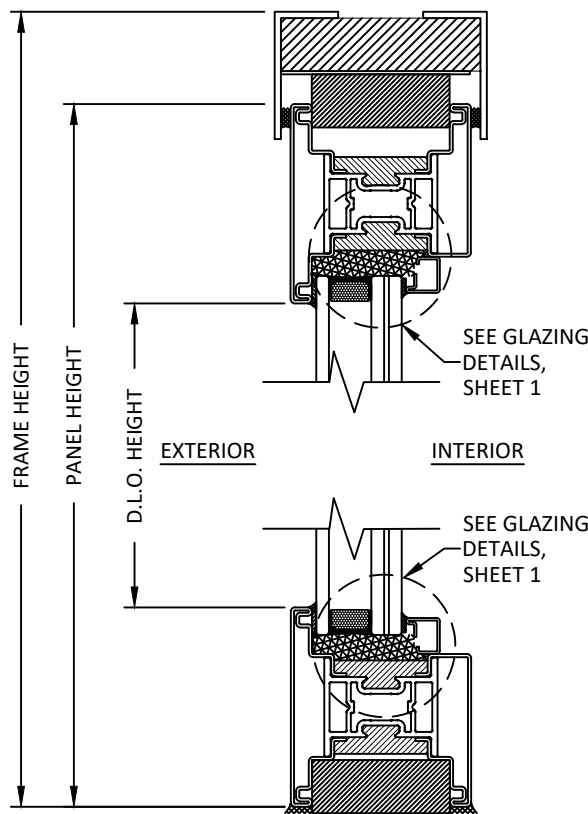
CHK. BY:
HFN

SCALE: NTS

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SHEET: OF 13

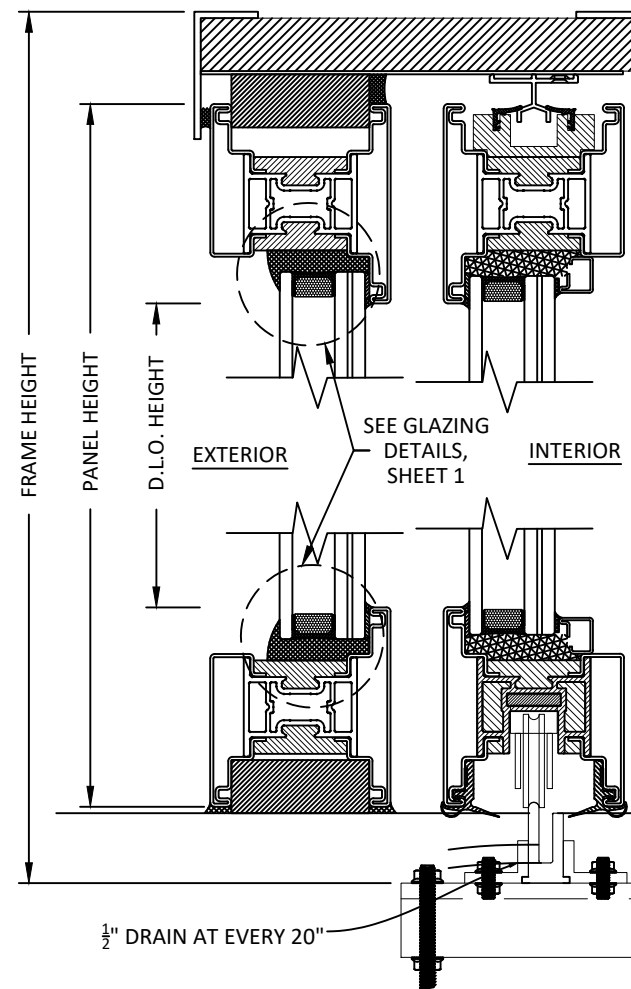
7



C
8

VERTICAL SECTION

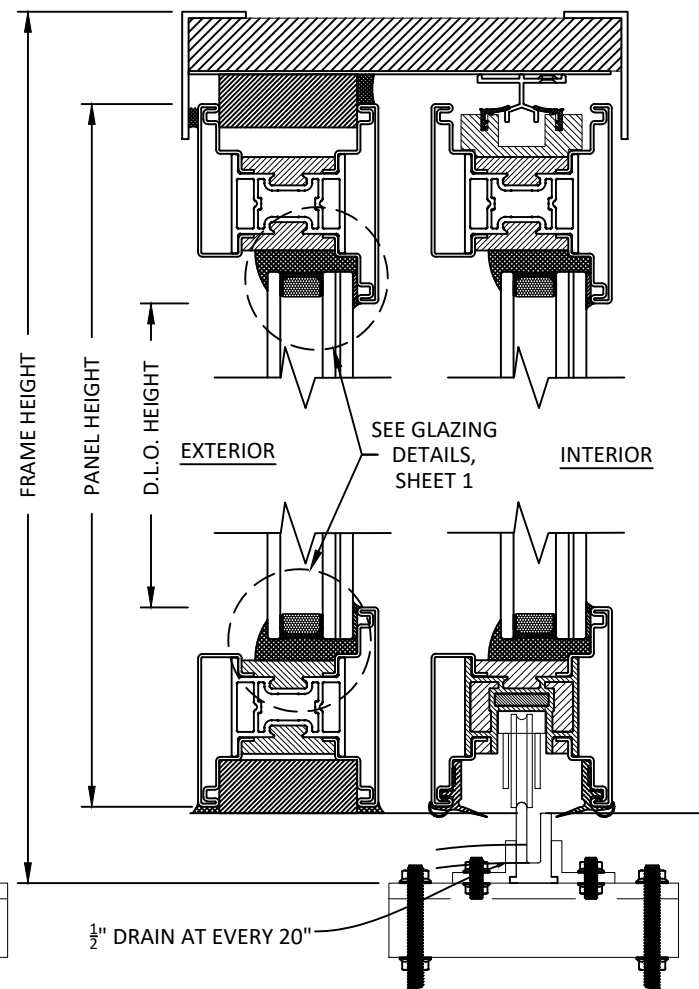
FIXED PANEL
INSIDE GLAZED



D
8

VERTICAL SECTION

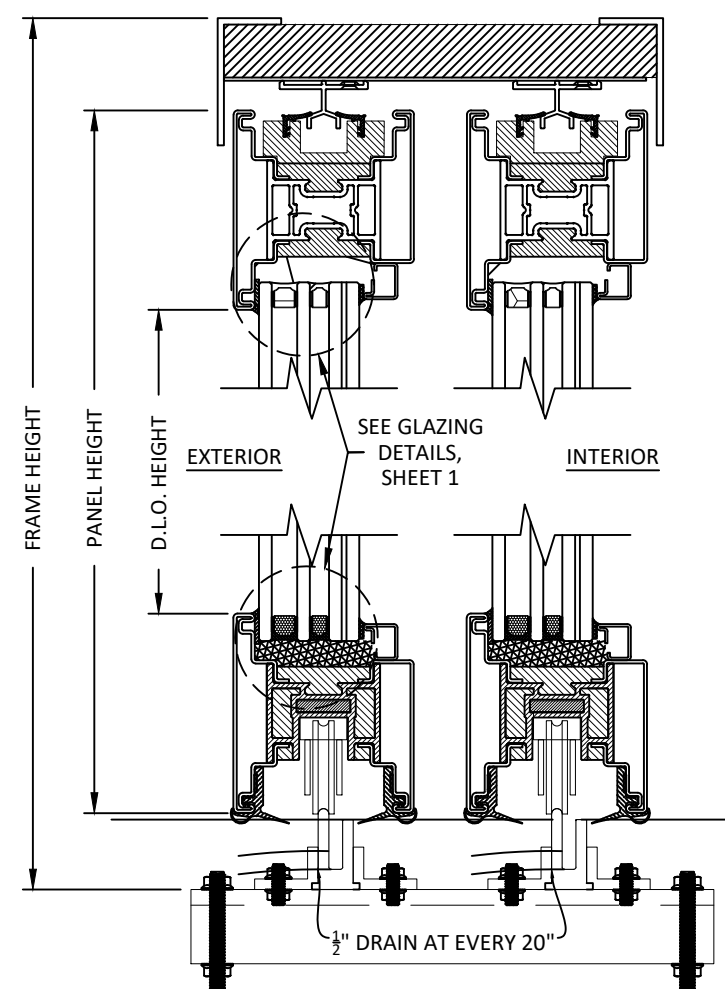
FIXED & OPERABLE PANEL
OUTSIDE & INSIDE GLAZED



E
8

VERTICAL SECTION

FIXED & OPERABLE PANEL
OUTSIDE GLAZED



F
8

VERTICAL SECTION

OPERABLE PANEL
INSIDE GLAZED



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VERTICAL SECTIONS

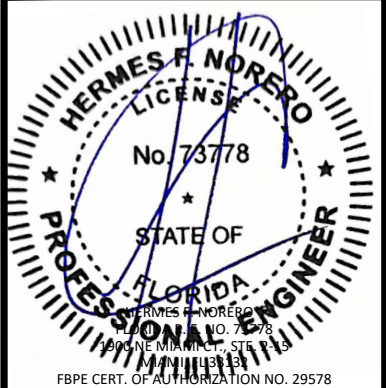
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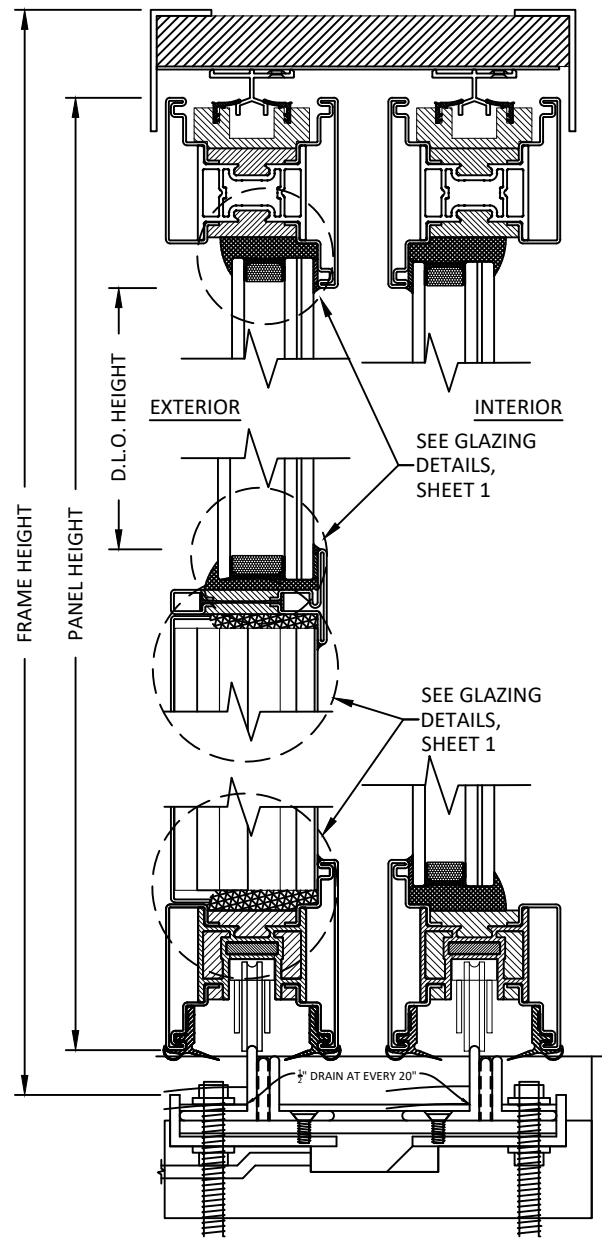
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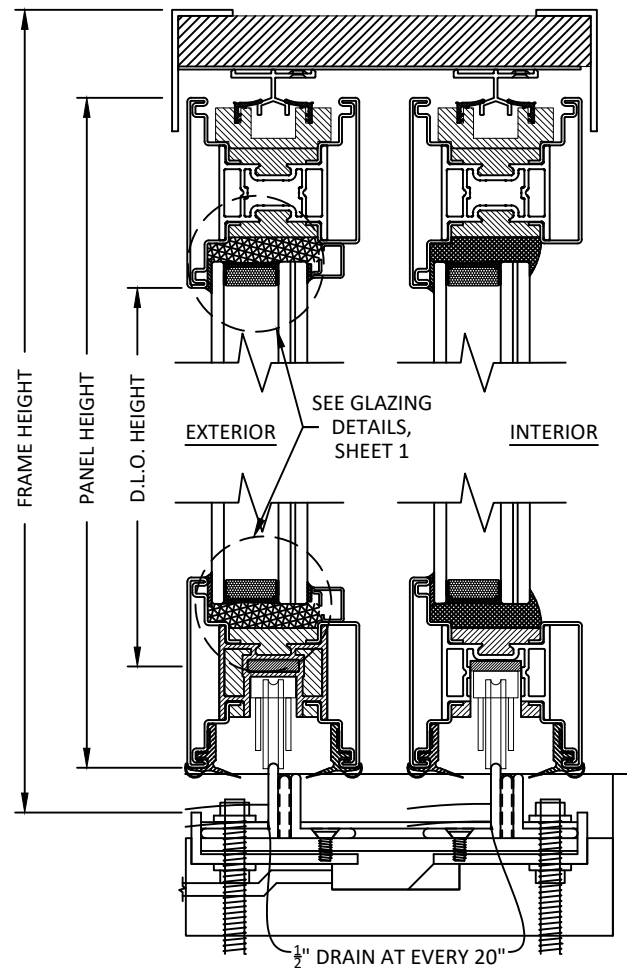
8



G
9

VERTICAL SECTION

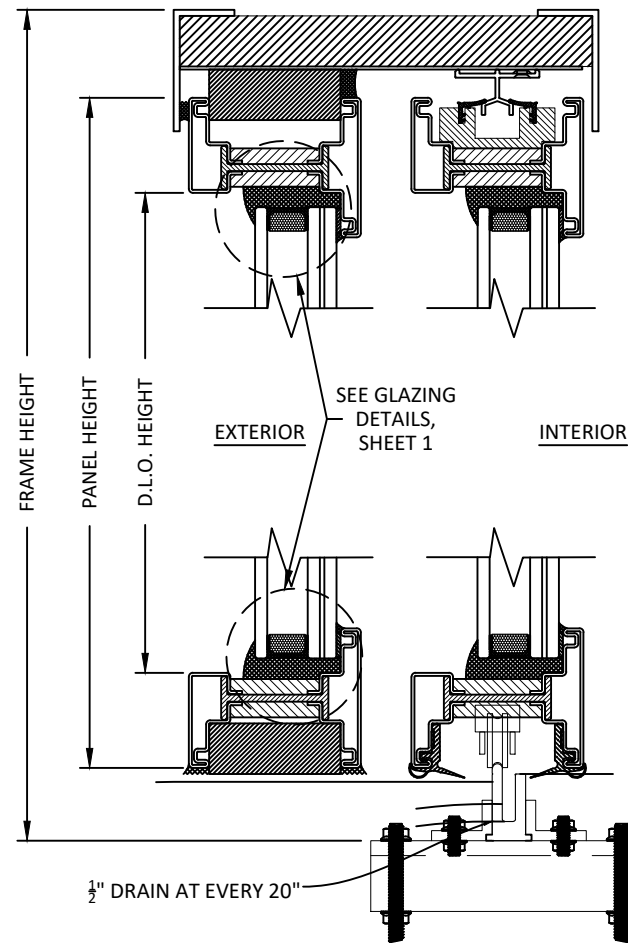
OPERABLE PANEL
OUTSIDE GLAZED



H
9

VERTICAL SECTION

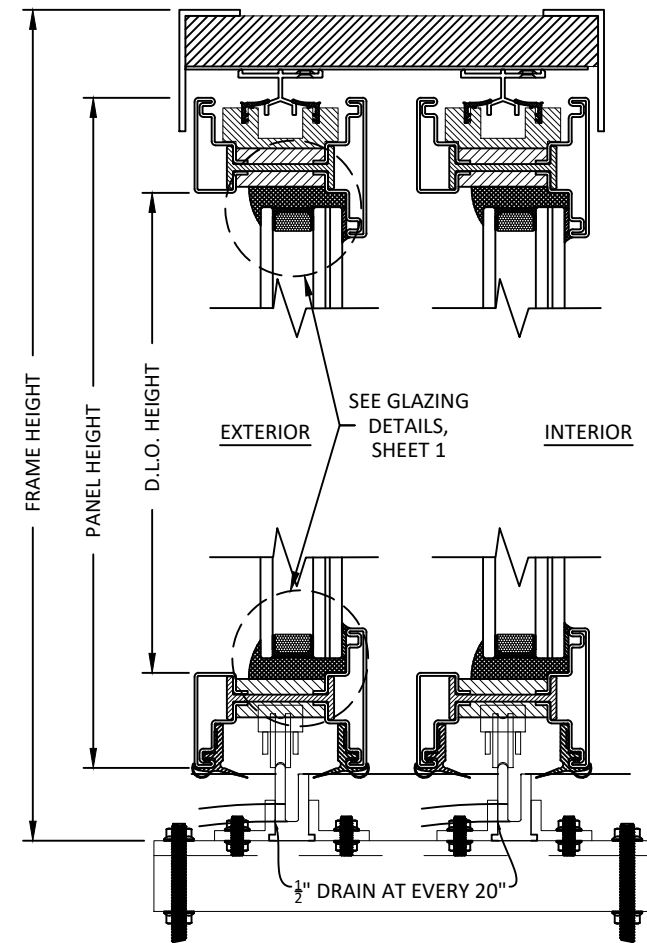
OPERABLE PANEL
OUTSIDE GLAZED



I
9

VERTICAL SECTION

OPERABLE & FIXED PANEL
OUTSIDE GLAZED



J
9

VERTICAL SECTION

OPERABLE PANEL
OUTSIDE GLAZED



Co.Me.P Infissi SRL
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PH: +39-0573 1483697

TITLE: **EBE 85 BRASS LIFT & SLIDE DOOR
(HVHZ) (IMPACT)**

VERTICAL SECTIONS

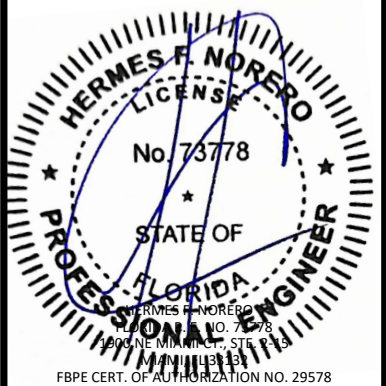
PREPARED BY: **BUILDING DROPS, INC.**

1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
PH: (954) 744-4738
WEB: WWW.BUILDINGDROPS.COM



REMARKS	BY	DATE

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DATE: **08/2/23**

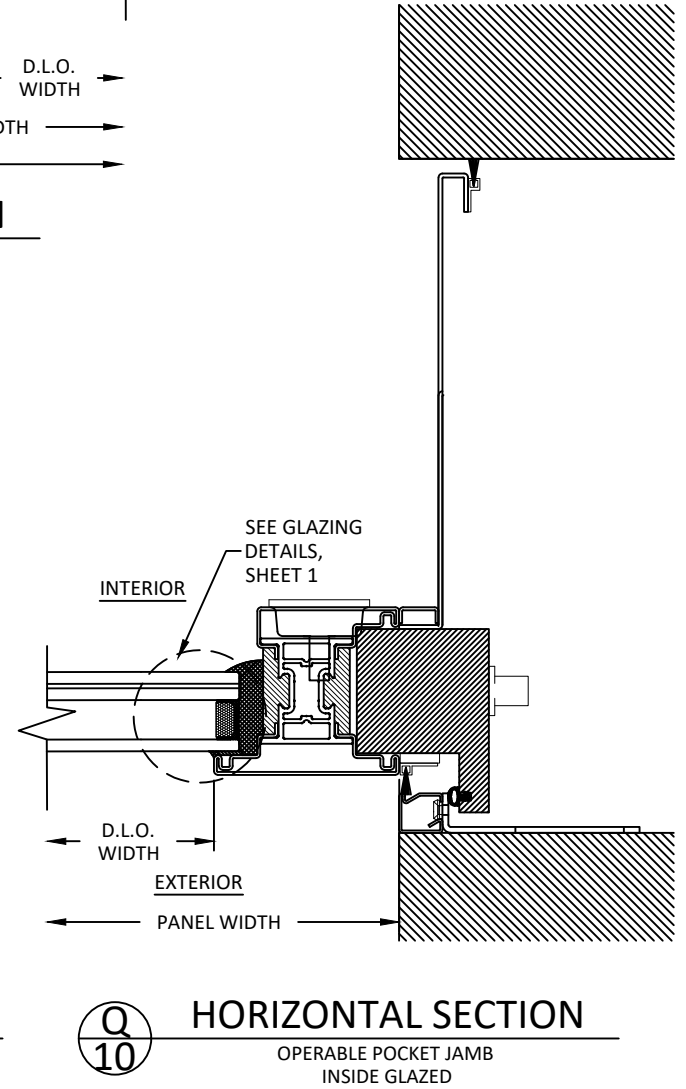
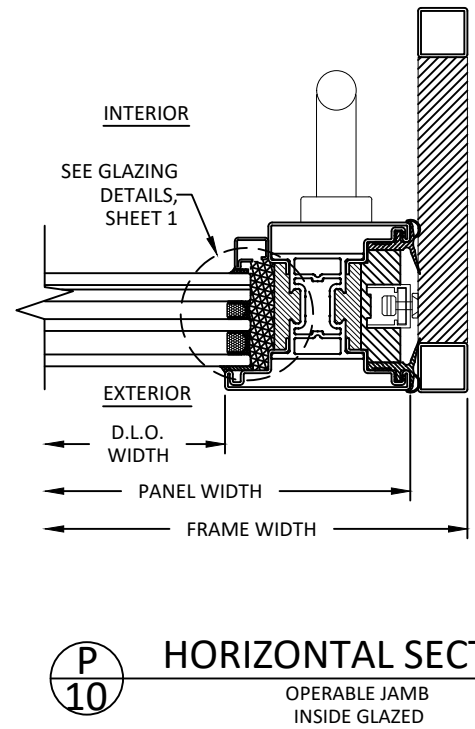
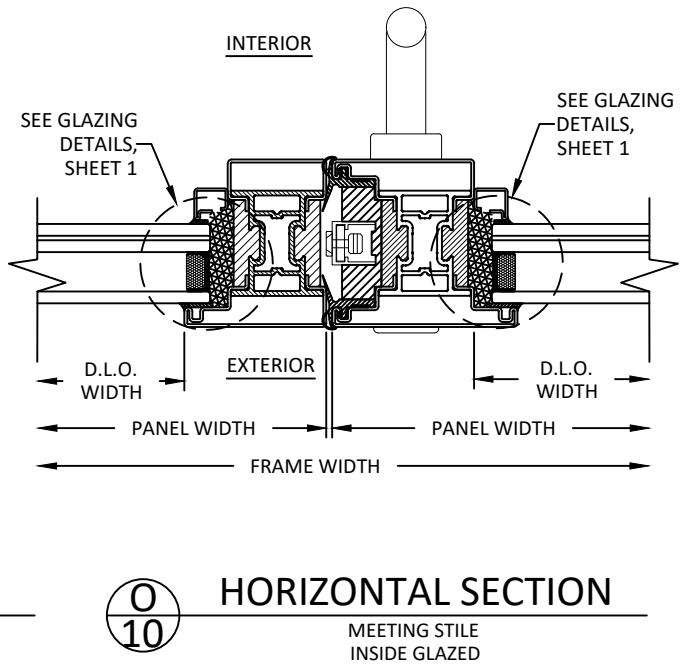
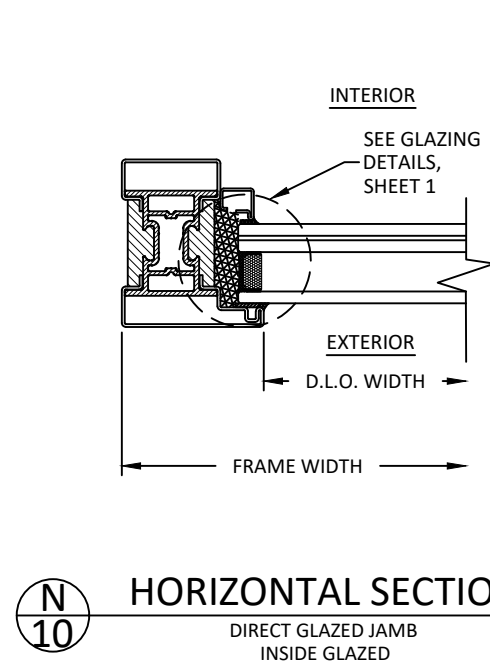
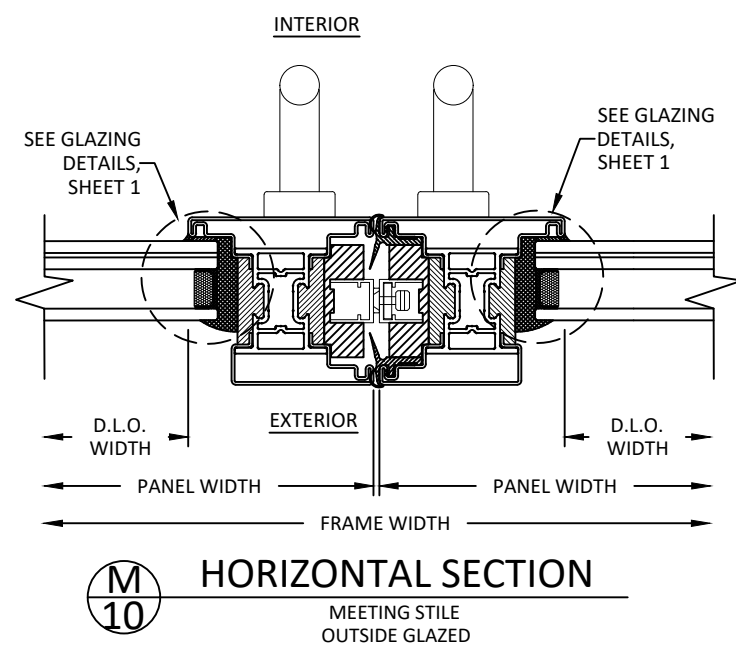
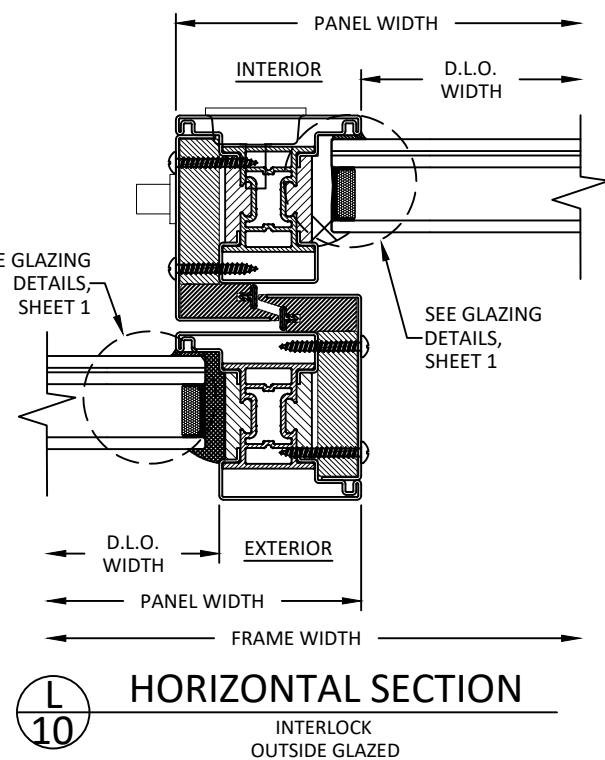
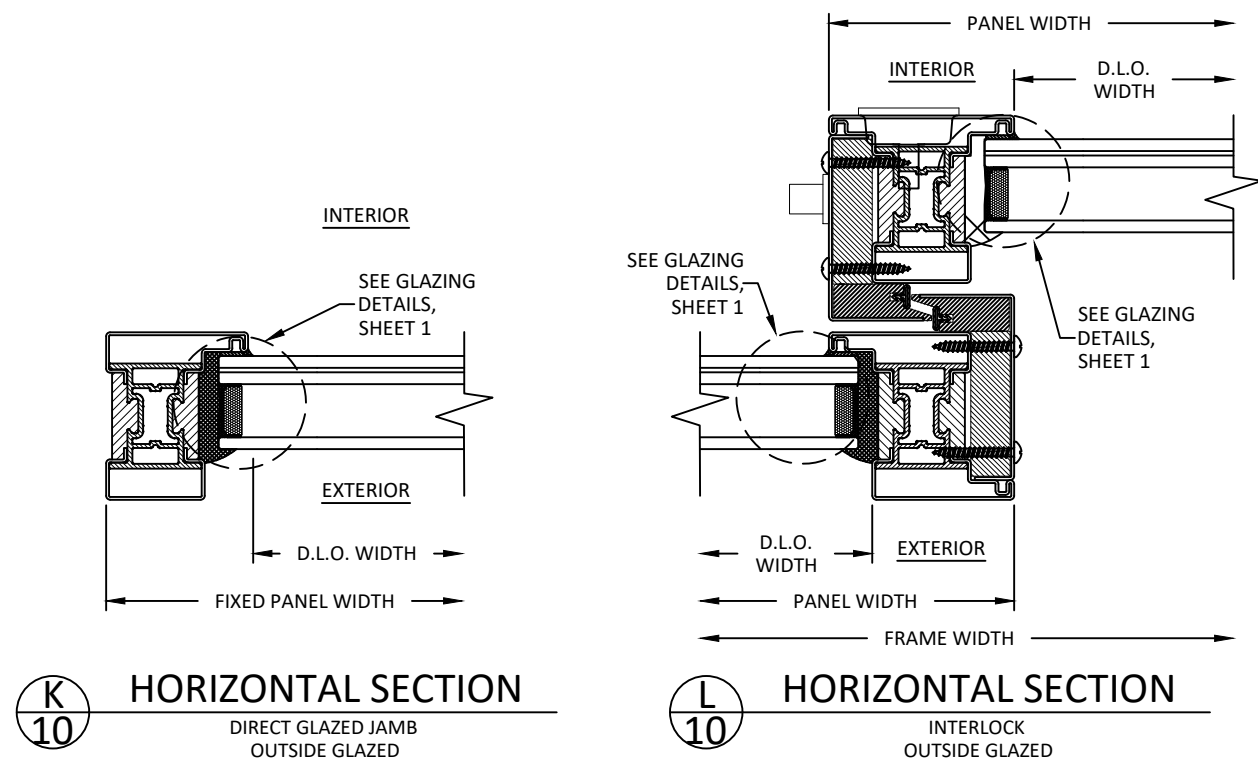
DWG. BY:
OL

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **COM011**

SHEET: **9** OF 13



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TITLE: **EBE 85 BRASS LIFT & SLIDE DOOR (HVHZ) (IMPACT)**

HORIZONTAL SECTIONS

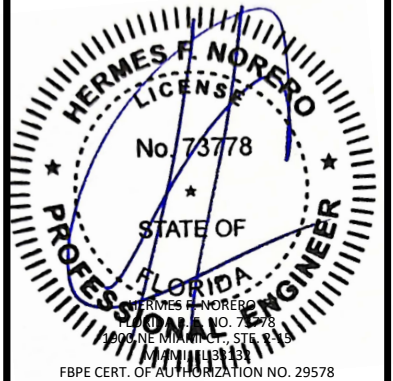
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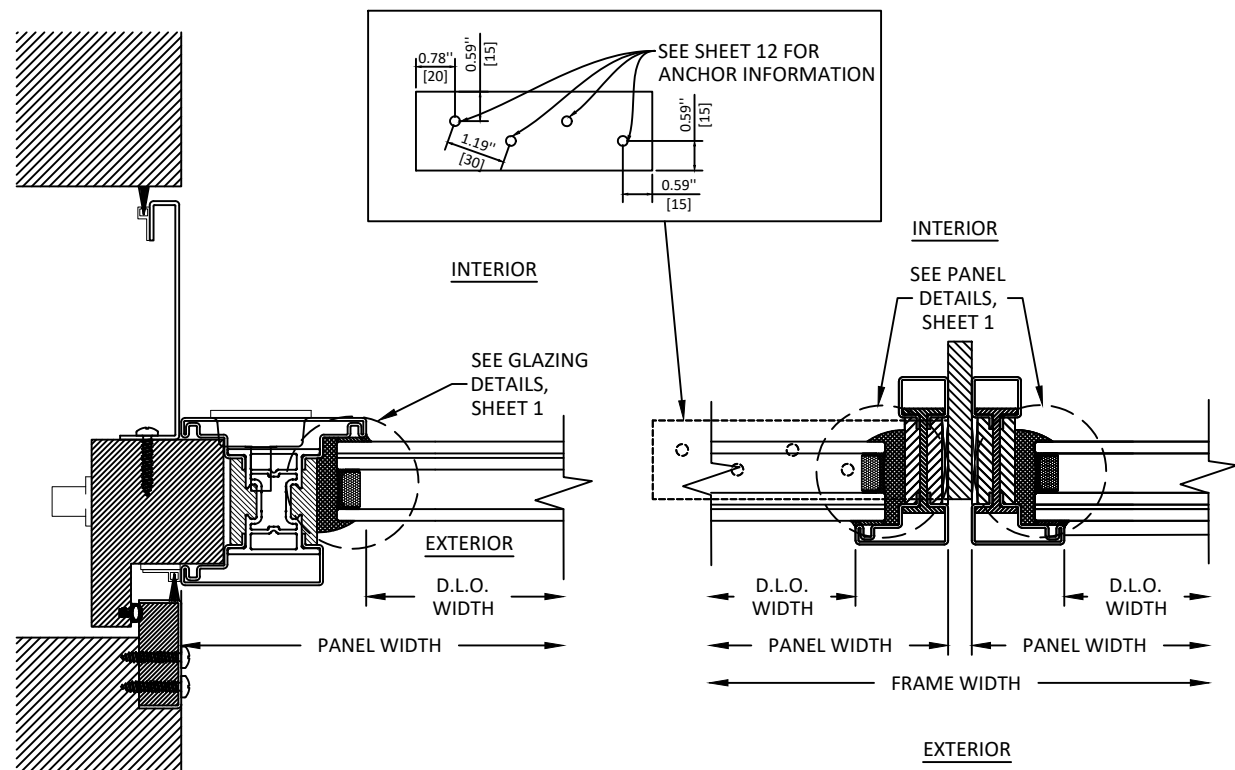
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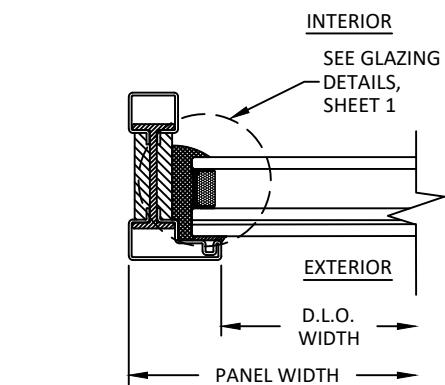
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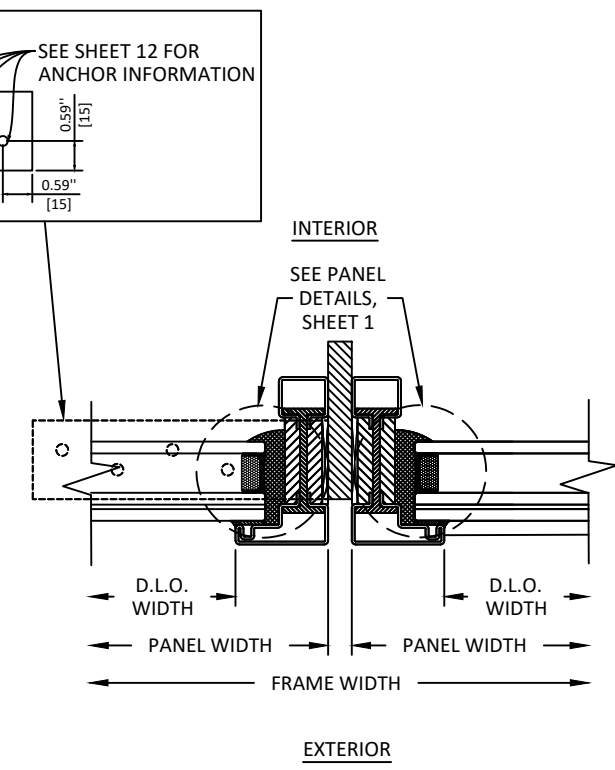
SHEET: **10** OF 13



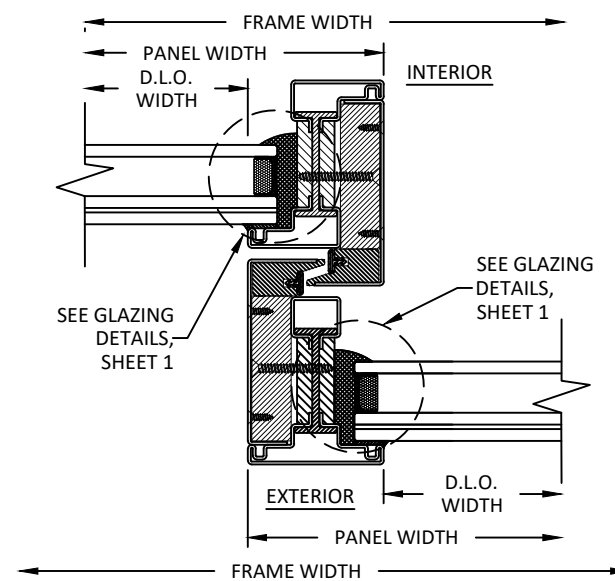
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FIXED JAMB PANEL
OUTSIDE GLAZED



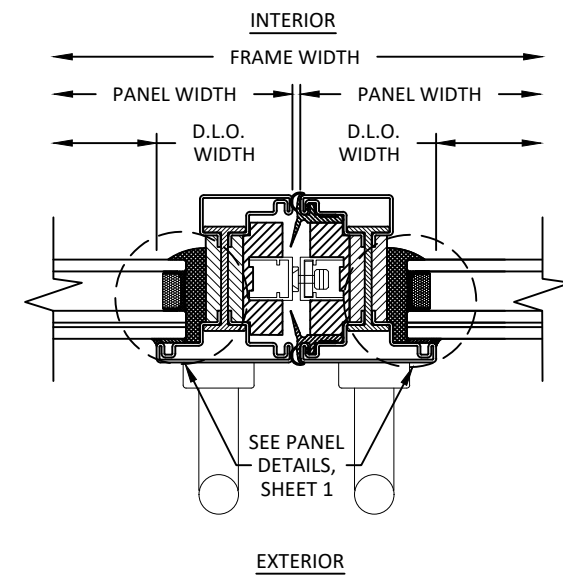
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INSIDE GLAZED



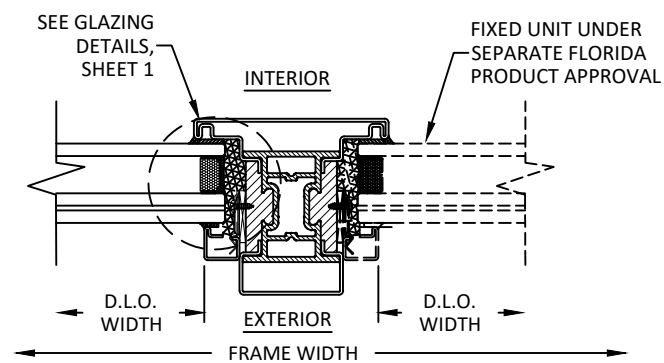
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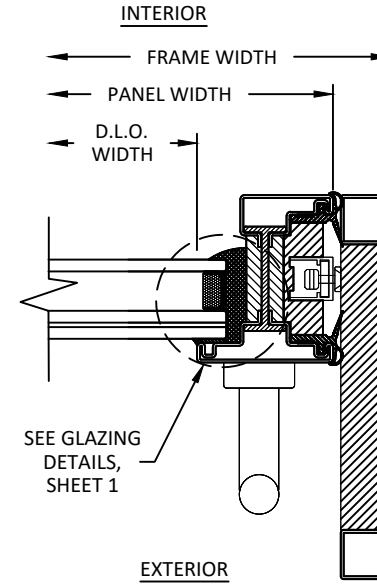
W
11 HORIZONTAL SECTION
INTERLOCK
INSIDE GLAZED



T
11 HORIZONTAL SECTION
MEETING STILE
INSIDE GLAZED



X
11 HORIZONTAL SECTION
SGD TO FIXED UNIT MULLION
OUTSIDE GLAZED



U
11 HORIZONTAL SECTION
OPERABLE JAMB PANEL
INSIDE GLAZED



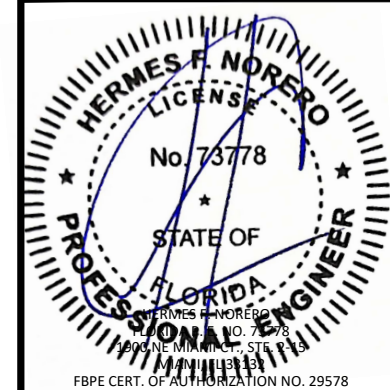
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TITLE: EBE 85 BRASS LIFT & SLIDE DOOR
(HVHZ) (IMPACT)
HORIZONTAL SECTIONS

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FBPE CERT. OF AUTHORIZATION NO. 29578

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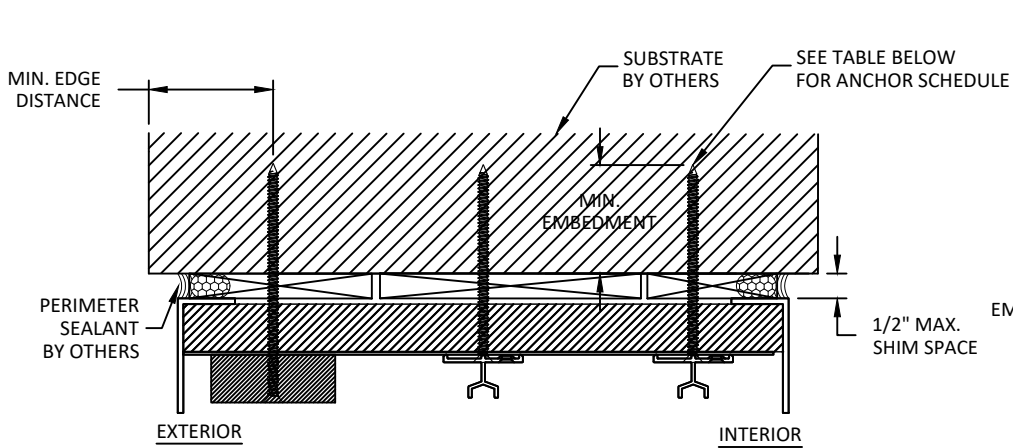
DATE: 08/2/23

DWG. BY: OL
CHK. BY: HFN

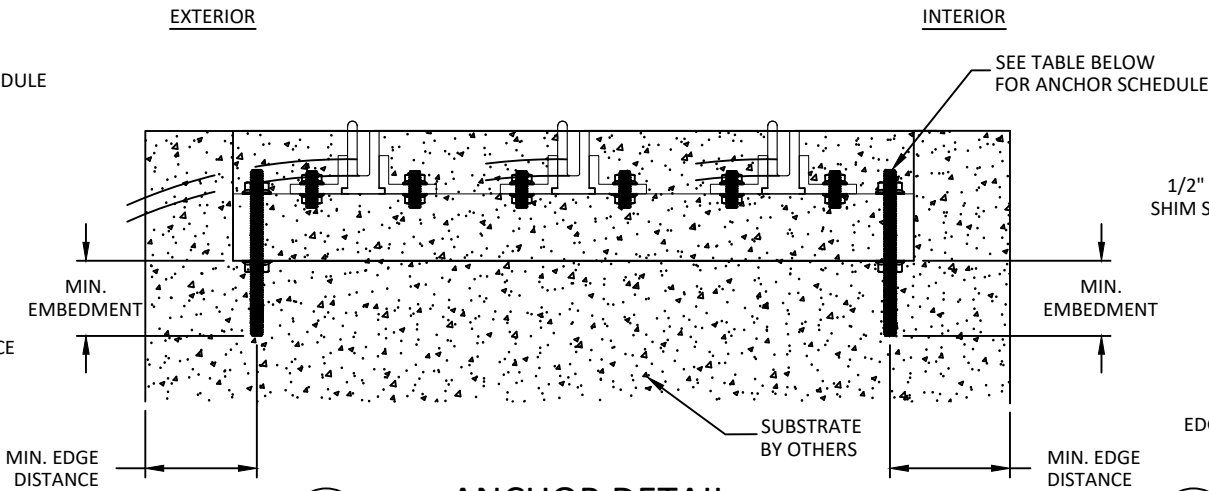
SCALE: NTS

DWG. #: COM011

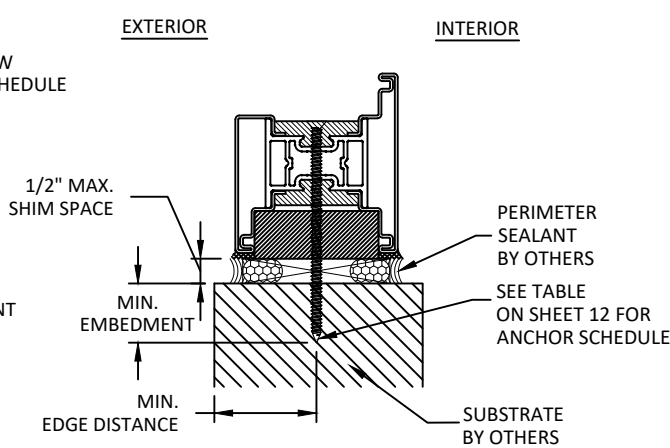
SHEET: OF 13



A
12 ANCHOR DETAIL
THROUGH FRAME (HEAD)
THREE TRACK



B
12 ANCHOR DETAIL
THROUGH FRAME (SILL)
THREE TRACK



C
12 ANCHOR DETAIL
THROUGH FRAME (SILL)

NOTE: THREE TRACK
SHOWN, TWO AND
ONE TRACK SIMILAR

INSTALLATION NOTES:

- REFER TO ANCHOR DETAILS FOR QUANTITY OF INSTALLATION ANCHORS REQUIRED AT EACH ANCHOR LOCATION SHOWN AND SHEETS 3-6 FOR ANCHOR SPACING REQUIREMENTS.
- 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 1/2" 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 TYPE	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	A	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.50"	1.50"
	B	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM .125" MIN., 6063-T5 MIN.	#14-20 SELF DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.75"
	C	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.25"	2.00"
	D	MASONRY: CMU per ASTM C90 MIN. 2000 PSI		1.00"	2.00"
	E	CONCRETE: f'c=3000PSI	3/8" HILTI HIT-Z ANCHOR ROD WITH HIT-HY A/R V3 ADHESIVE	3.375"	4.00"

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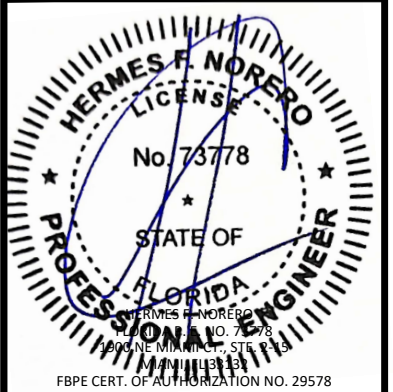
INSTALLATION NOTES & ANCHOR DETAILS

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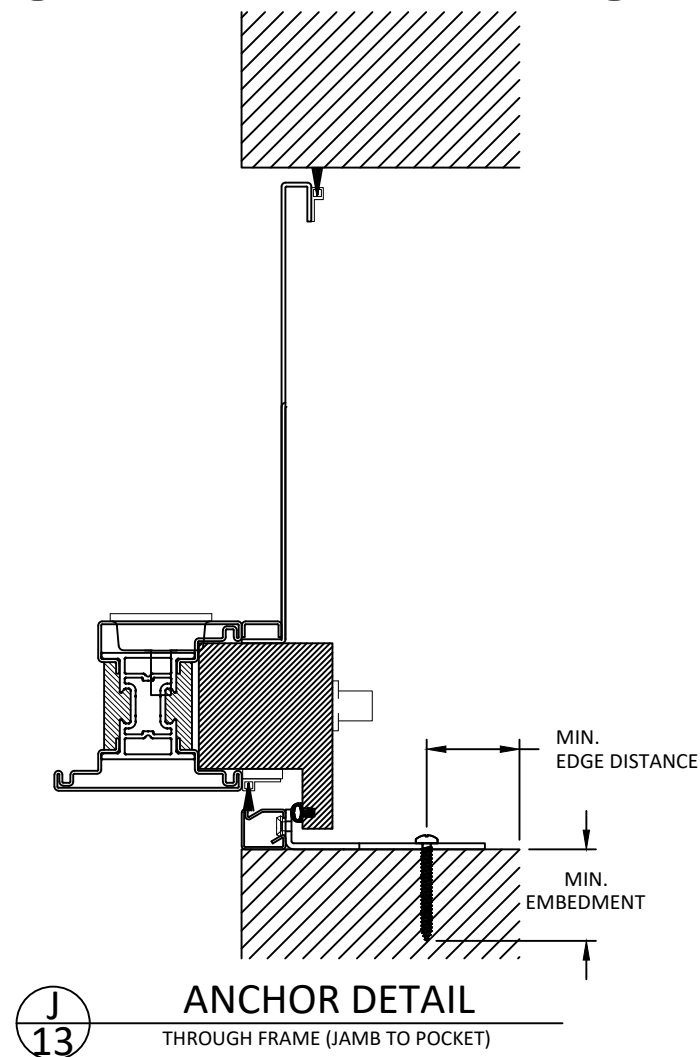
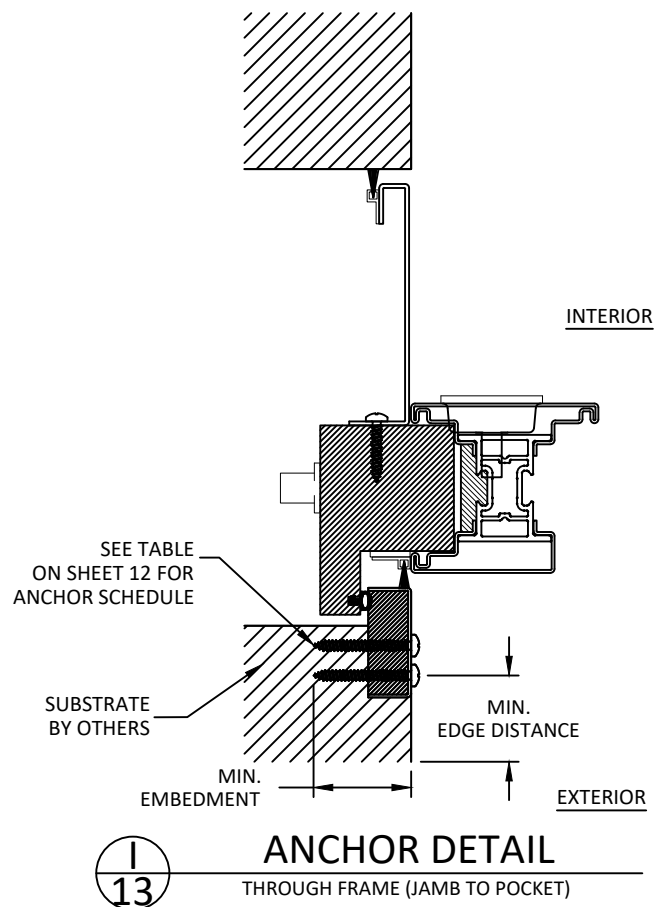
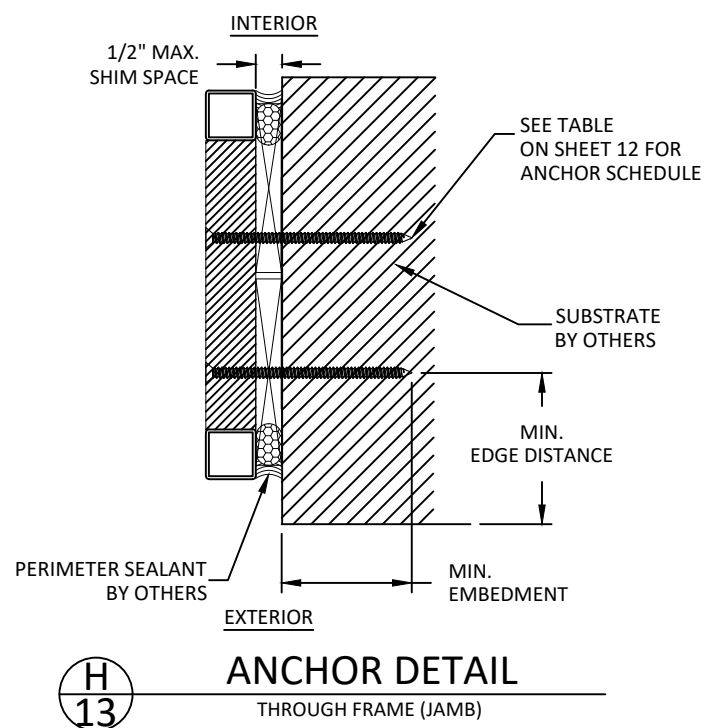
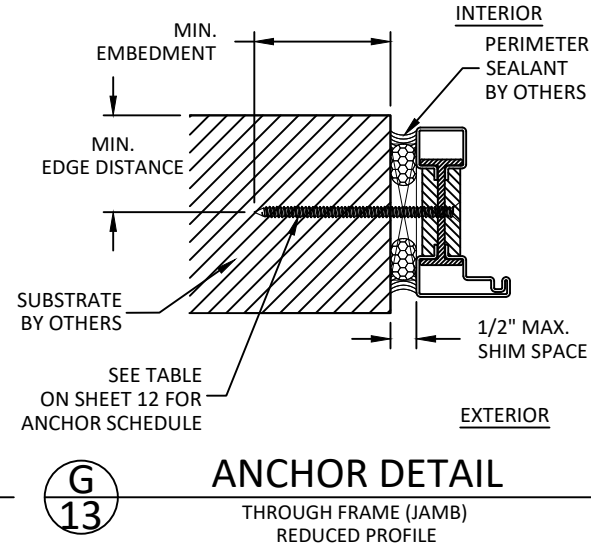
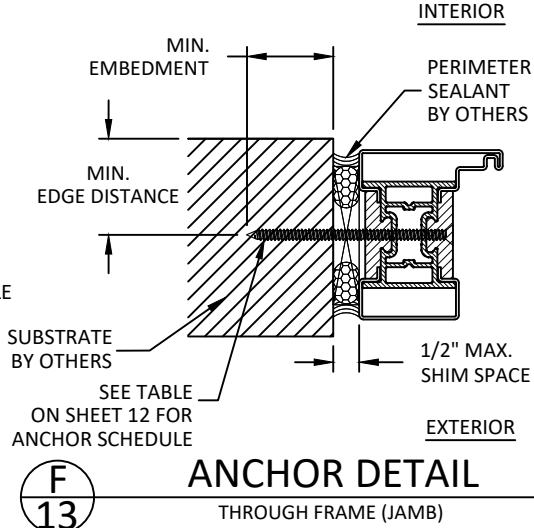
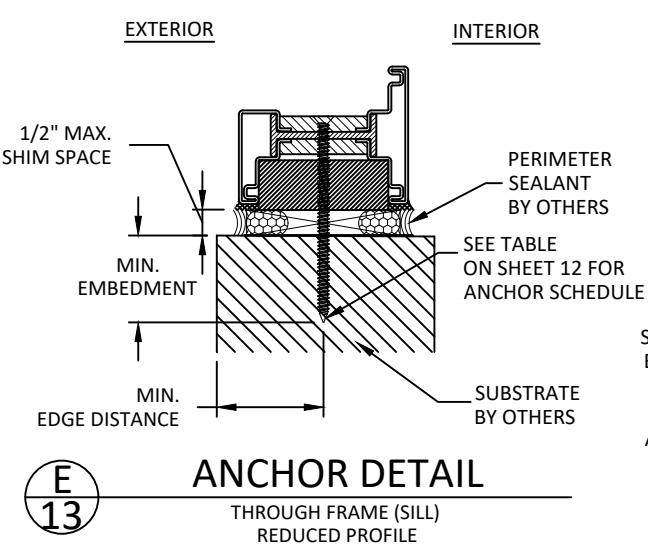
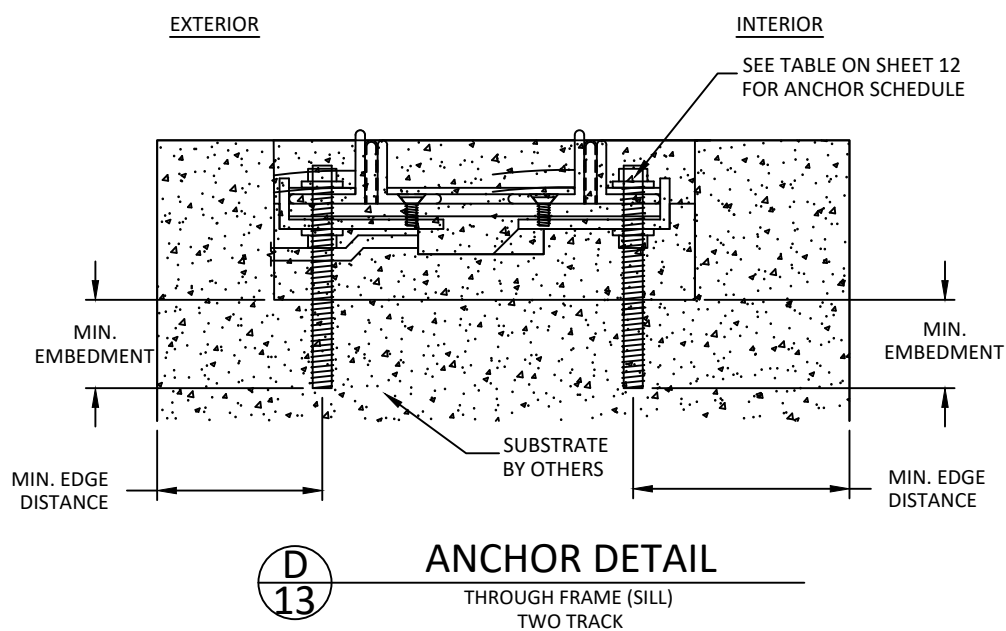
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DWG. BY: OL	CHK. BY: HFN
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SHEET: **12** OF 13



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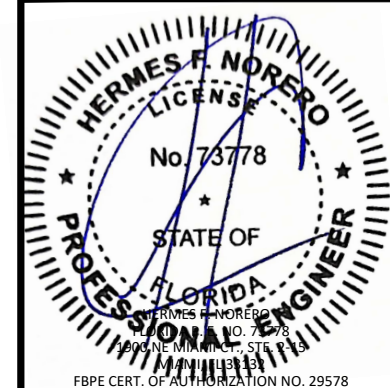
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