

KAWNEER COMPANY, INC.

TRIFAB 451 ALUMINUM

STOREFRONT AND ENTRANCE WAY

(HVHZ)(NON-IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ 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.
- 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.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 12 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM 1/8 INCH THICK 6063-T5 ALUMINUM.

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 202-94
 - ASTM E330-14
 - ASTM E331-00(09)
 - AAMA 501-15
 - ASTM E283-0412)
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING 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 REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: ALUMINUM 6063-T6
- ALL STRUCTURAL MATERIALS & DISSIMILIAR 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.
- GLASS SHALL MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 12 GLAZING DETAILS.
- DOOR CONFIGURATIONS MAY UTILIZE BUTT HINGES AS DESCRIBED HEREIN OR CONTINUOUS HINGES INTERCHANGEABLY.
- ALLOWABLE CONFIGURATIONS: X (SINGLE DOOR) OR XX (DOUBLE DOOR) WITH OR WITHOUT TRANSOMS.

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INSTRUCTIONS:

- STEP 1:** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2:** SEE CHARTS ON SHEET 12 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE
- STEP 3:** CHECK MULLION CAPACITY FOR A GIVEN SPACING, SINGLE SPAN AND ANCHOR LAYOUT ON SHEET 5-6
- STEP 4:** THE LOWEST VALUE RESULTING FROM STEP 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM



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INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338

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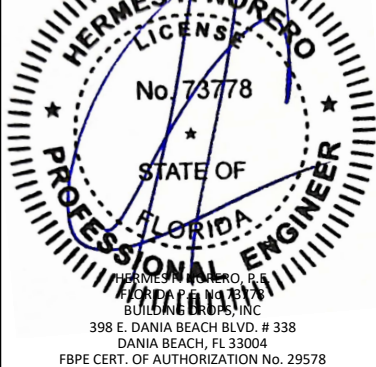
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Reason: I am approving this document
Date: 2023.10.19 12:36:04 -0400



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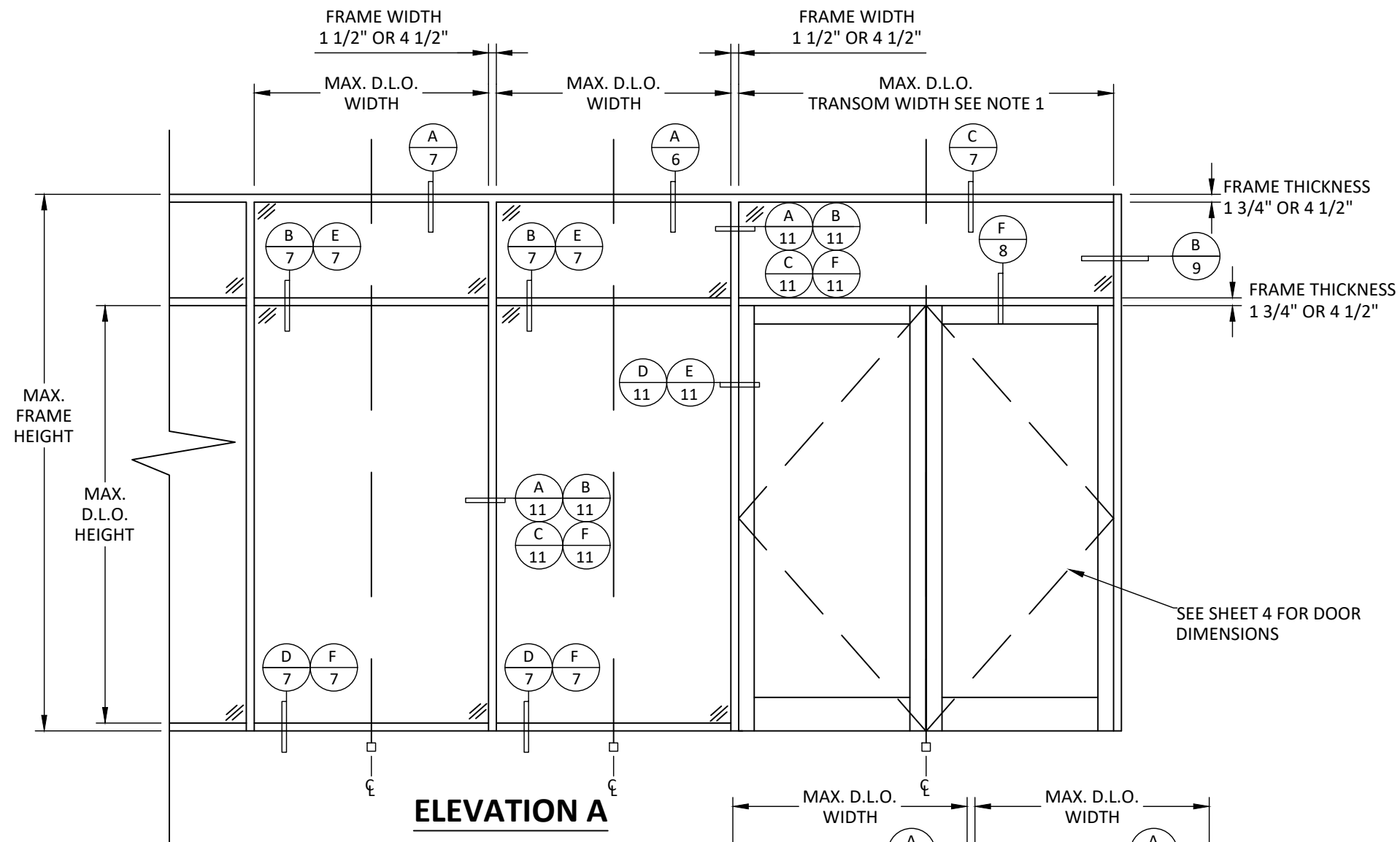
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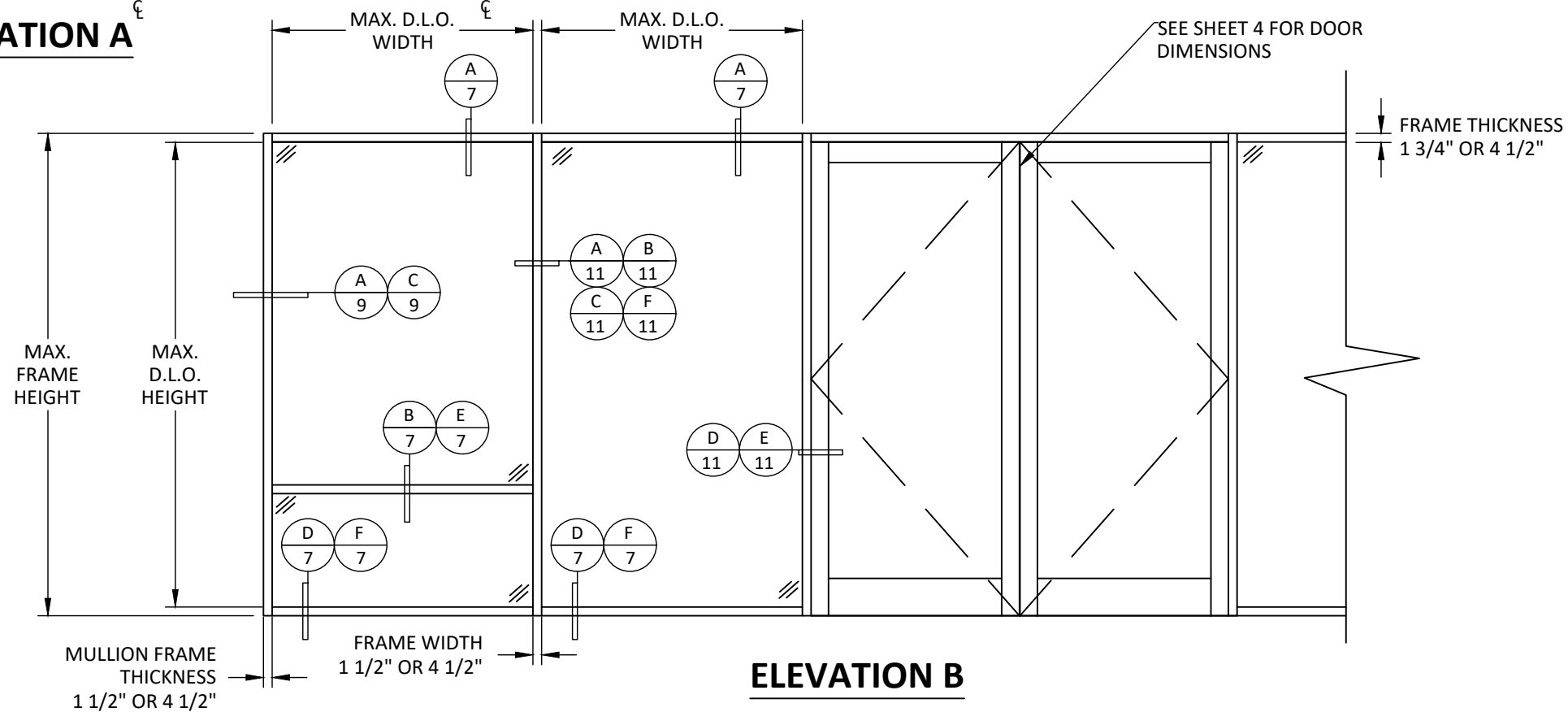
DWG. #: **KAW006**

SHEET:
1
OF 15



NOTE 1:
 1) 96" MAXIMUM TRANSOM WIDTH BASED ON PART NUMBER 70.
 2) 84" MAXIMUM TRANSOM WIDTH BASED ON PART NUMBER 35.
 3) OVERALL UNIT WIDTH= D.L.O. WIDTH + 2*FRAME THICKNESS.
 4) OVERALL UNIT HEIGHT= D.L.O. HEIGHT+2*FRAME THICKNESS.

ELEVATION A



ELEVATION B



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ELEVATIONS

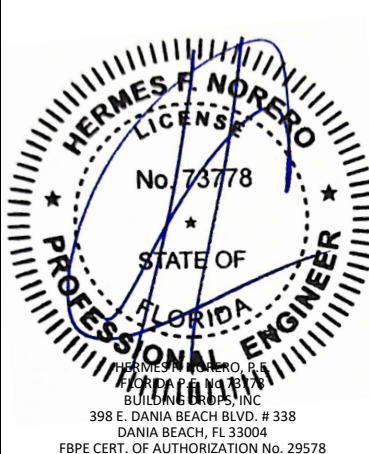
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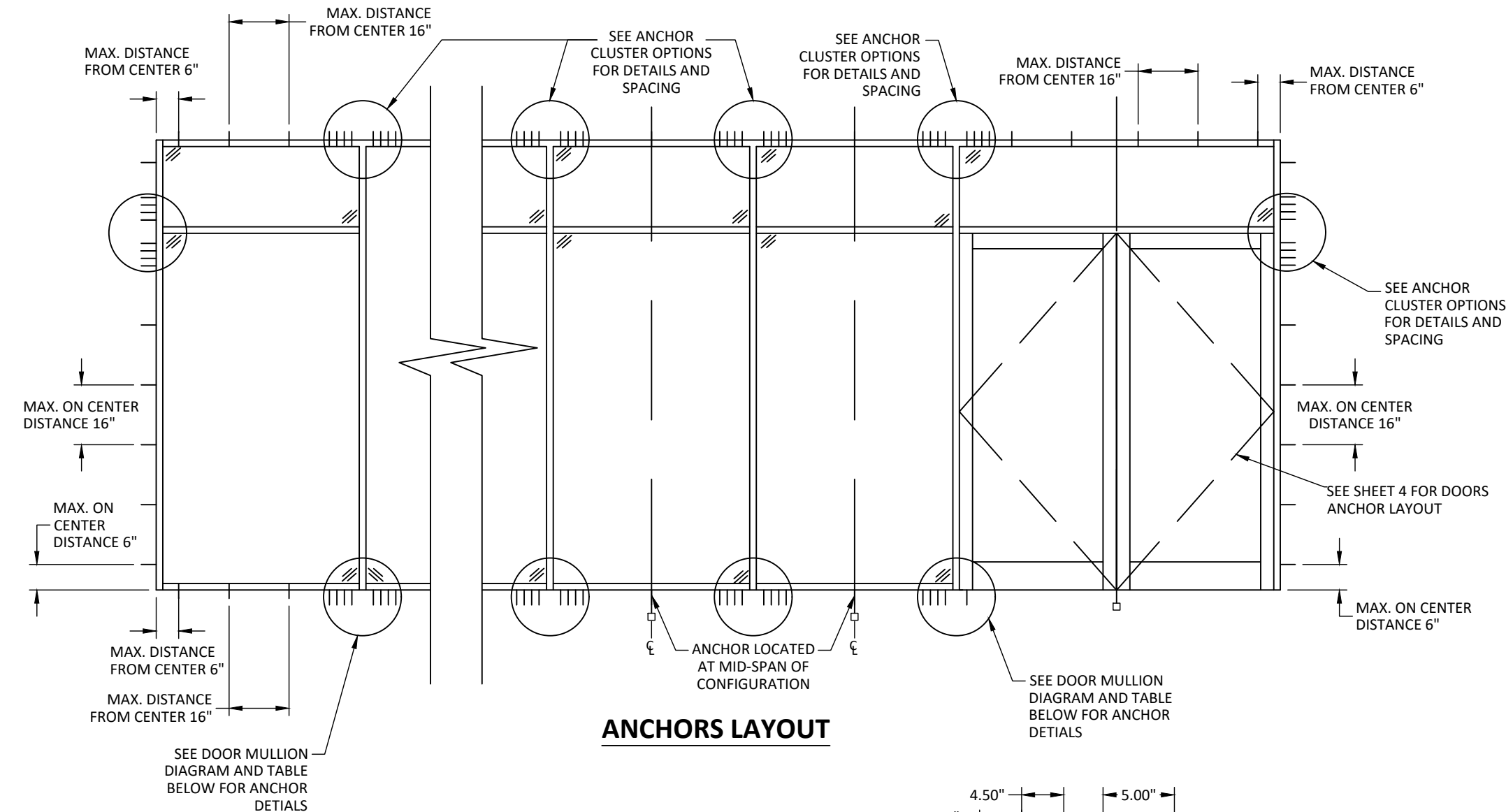


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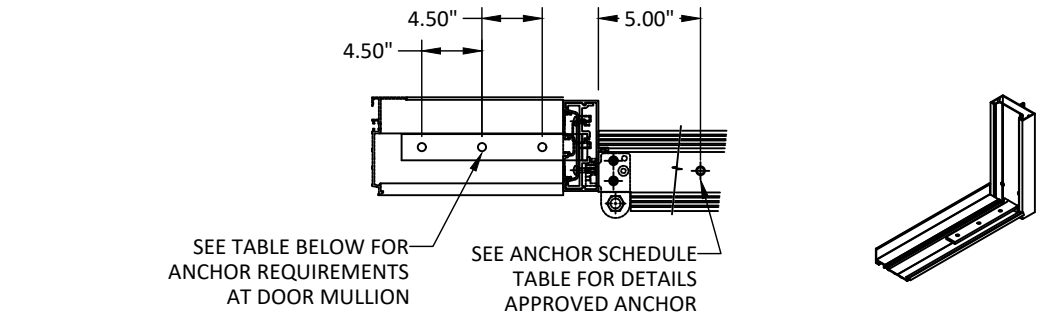


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SHEET:	2

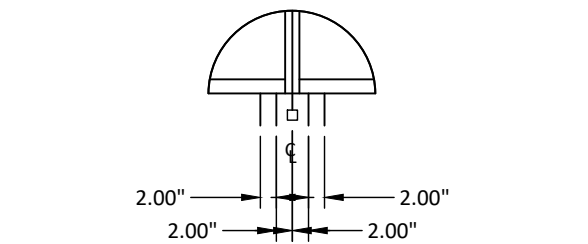


ANCHORS LAYOUT

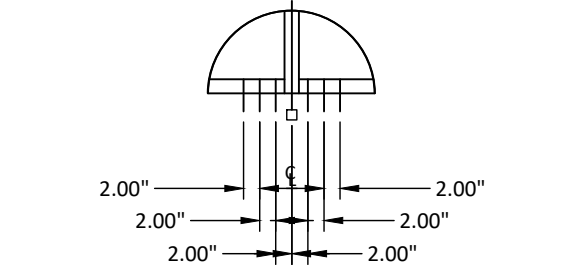
ANCHOR SCHEDULE				
ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. EDGE DISTANCE	NOTES
#12 WOOD SCREW	MIN. S.G.= 0.55 WOOD	1-1/2"	1"	-
1/4" CONCRETE SCREW	CONCRETE F'C=3000 PSI MIN.	1-1/4"	2-1/2"	DEWALT/ELCO ULTRACONS, ITW RED-HEADS, HILTI KWIK-CON II.
1/4" CONCRETE SCREW	C-90 HOLLOW/FILLED BLOCK AT JAMBS F'M=2000 PSI MIN.	1-3/4"	2-1/2"	ELCO ULTRACONS, ITW RED-HEADS, HILTI KWIK-CON II.
1/4" DIA. SELF-DRILLING SCREWS (GRADE 5)	STEEL: 12 GA. MIN., Fy=36KSI MIN. ALUM: 1/8" MIN., 6063-T5 MIN.	3 THREADS PENETRATION BEYOND METAL STRUCTURE	3/4"	STEEL IN CONTACT WITH ALUM. TO BE PLATED OR PAINTED



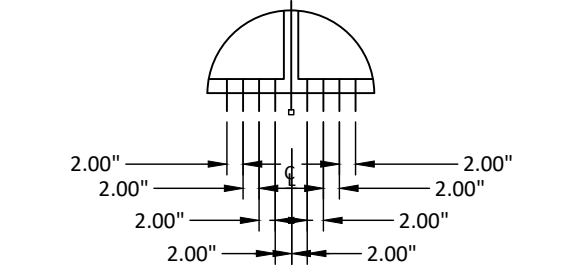
MULLION AT DOOR ANCHOR SCHEDULE				
ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. SPACING	NOTES
3/8" CONCRETE SCREW	CONCRETE F'C=3000 PSI MIN.	2 1/4"	4 1/2"	SIMPSON POWER-BOLTS, ITW TRUBOLT WEDGE, HILTI KWIK-CON 3.



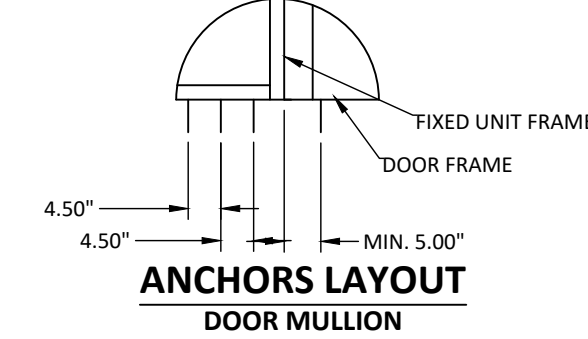
ANCHORS CLUSTER AT MULLION
OPTION 1



ANCHORS CLUSTER AT MULLION
OPTION 2



ANCHORS CLUSTER AT MULLION
OPTION 3



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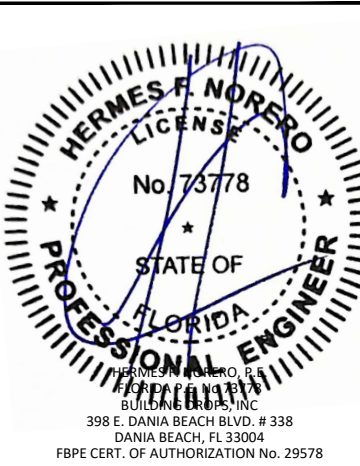
ANCHOR LAYOUT

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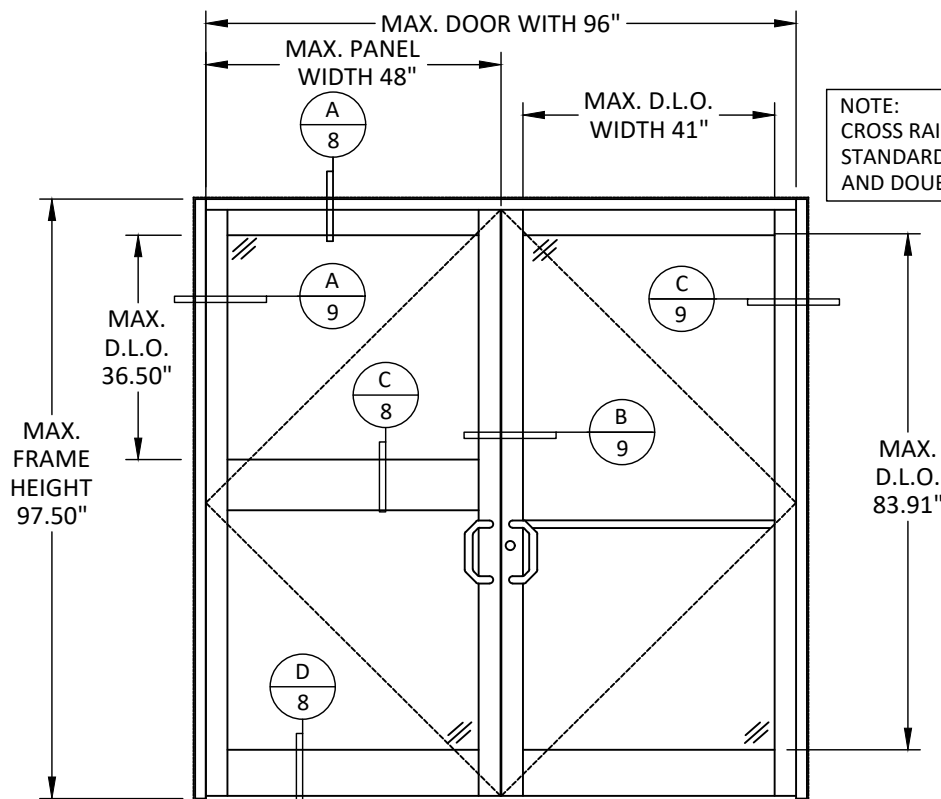
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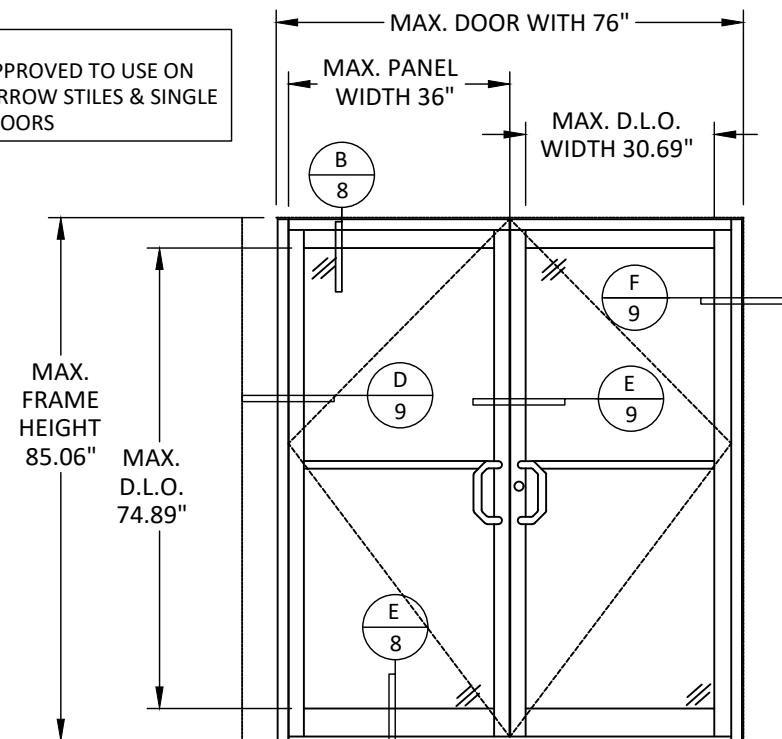
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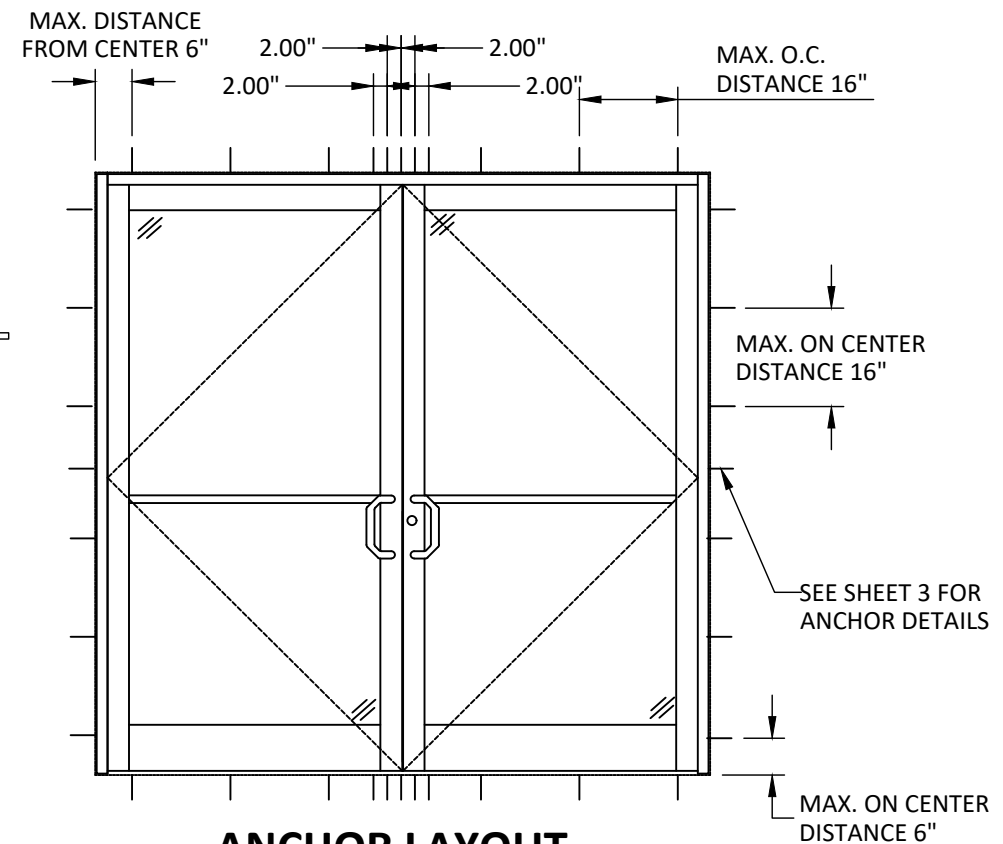


ELEVATIONS
DOUBLE DOOR
(STANDARD STILE)

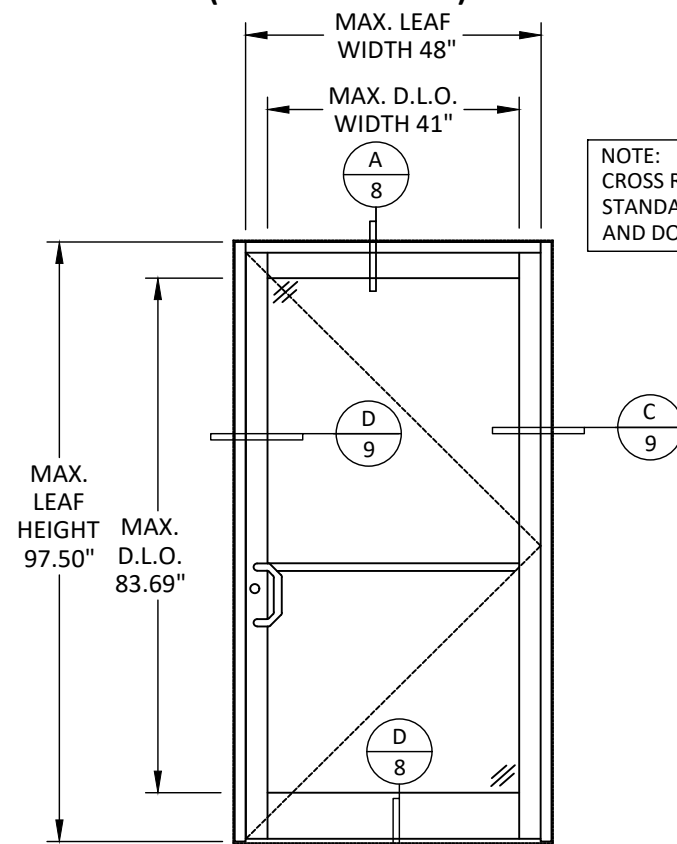
NOTE:
CROSS RAILS APPROVED TO USE ON
STANDARD/NARROW STILES & SINGLE
AND DOUBLE DOORS



ELEVATIONS
DOUBLE DOOR
(NARROW STILE)

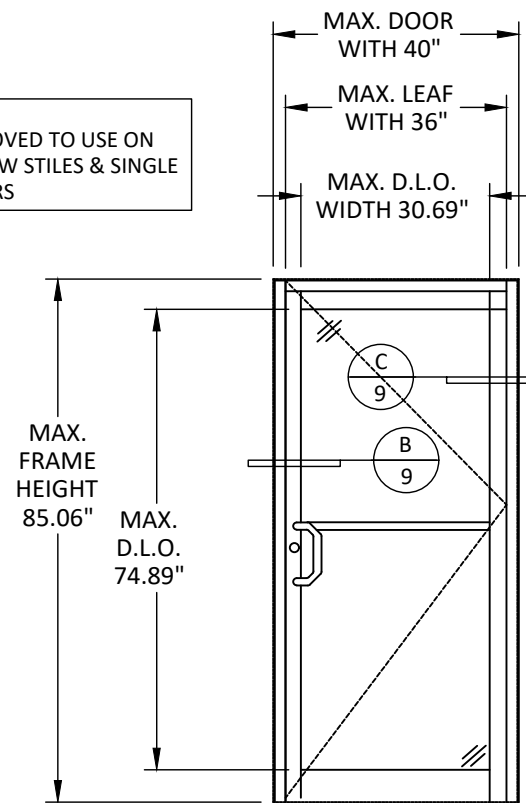


ANCHOR LAYOUT
DOUBLE DOOR
(STANDARD/NARROW STILES)

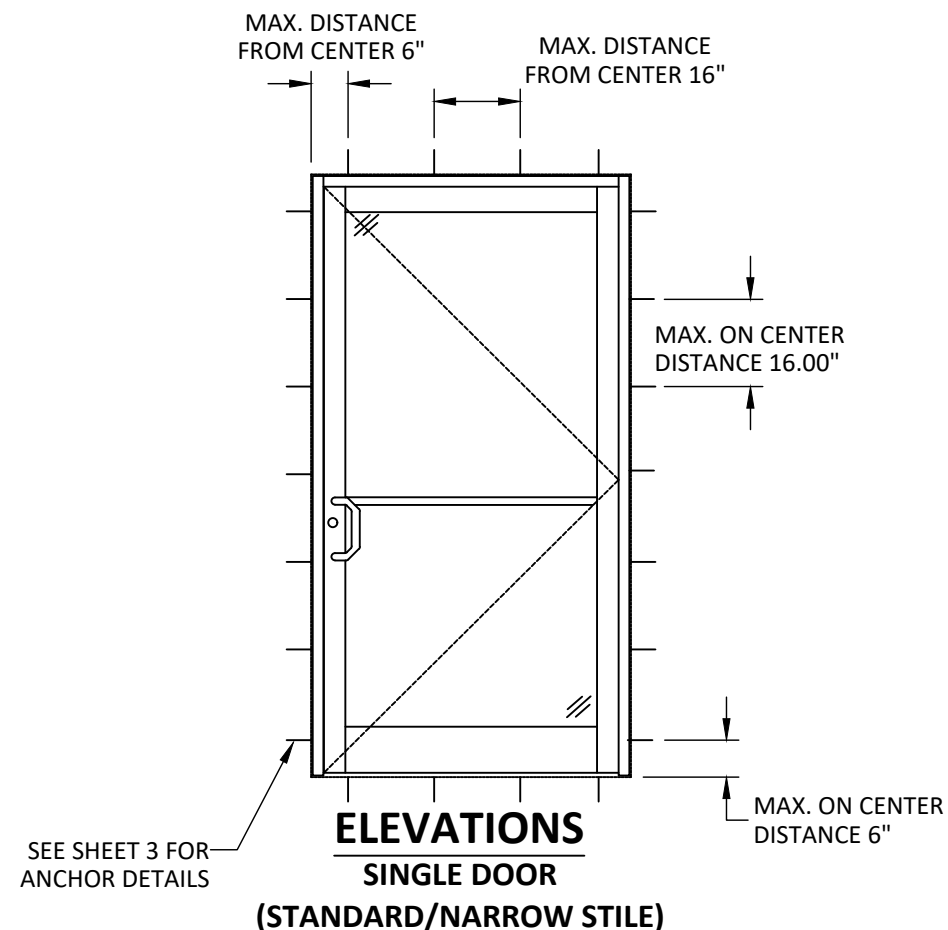


ELEVATIONS
SINGLE DOOR

NOTE:
CROSS RAILS APPROVED TO USE ON
STANDARD/NARROW STILES & SINGLE
AND DOUBLE DOORS



ELEVATIONS
DOUBLE DOOR
(NARROW STILE)



ELEVATIONS
SINGLE DOOR
(STANDARD/NARROW STILE)



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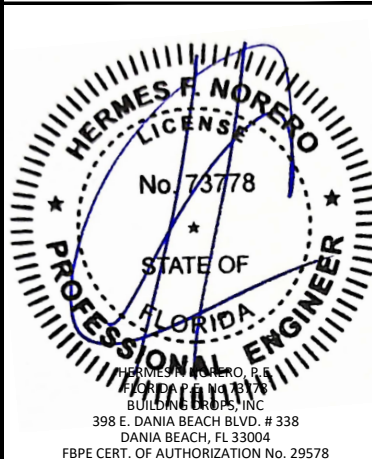
DOOR ELEVATIONS &
ANCHOR LAYOUT

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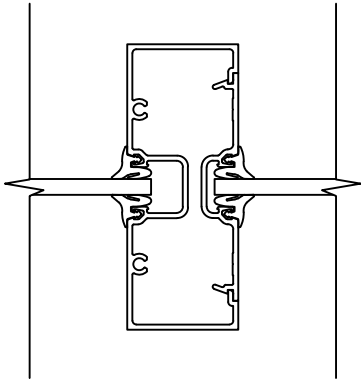


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SHEET:			

MULLION A FIXED UNITS WITHOUT REINFORCEMENTS				
"W" TRIBUTARY WIDTH (IN)	"L" MULLION LENGTH (IN)	ALLOWABLE PRESSURE		
		OPTION 1	OPTION 2	OPTION 3
32	86.0	65	65	65
34		65	65	65
36		65	65	65
38		62	65	65
40		60	65	65
42		58	62	62
44		56	60	60
46		55	58	58
48		53	56	56
50		52	54	54
52		51	53	53
54		50	51	51
56	80.0	49	50	50
32		65	65	65
34		65	65	65
36		65	65	65
38		65	65	65
40		65	65	65
42		64	65	65
44		62	65	65
46		60	65	63
48		59	64	62
50		58	62	60
52		56	61	59
54	74.0	55	60	57
56		54	59	56
32		65	65	65
34		65	65	65
36		65	65	65
38		65	65	65
40		65	65	65
42		65	65	65
44		65	65	65
46		65	65	65
48		65	65	65
50		65	65	65
52	68.0	63	65	65
54		62	65	65
56		61	65	65
32		65	65	65
34		65	65	65
36		65	65	65
38		65	65	65
40		65	65	65
42		65	65	65
44		65	65	65
46		65	65	65
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50		65	65	65
52		65	65	65
54		65	65	65
56		65	65	65

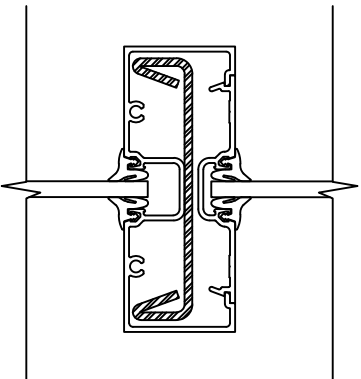
NOTES:

- LOAD FOR OPTION 1,2 AND 3 ARE BASED ON ANCHOR CLUSTER DESCRIBED ON SHEET 3. REFER TO SHEET 3 FOR ANCHOR DETAILS AND SPACING.
- IF MULTIPLE COMBINATIONS OF ANCHOR CLUSTER ARE USED, THE LESSER OF THE DESIGN PRESSURE WILL CONTROL THE CONFIGURATION.



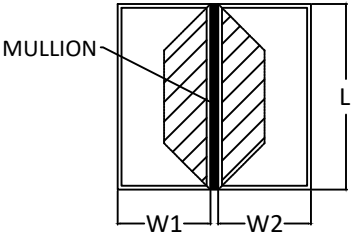
MULLION A
FIXED UNIT MULLION

MULLION B FIXED UNITS WITH STEEL REINFORCEMENTS				
"W" TRIBUTARY WIDTH (IN)	"L" MULLION LENGTH (IN)	ALLOWABLE PRESSURE		
		OPTION 1	OPTION 2	OPTION 3
34	123.5	44	65	65
36		42	62	62
38		40	60	60
40		38	57	57
42		37	55	55
44		35	53	53
46		34	51	51
48		33	50	50
50		32	48	48
52		31	47	47
54		30	45	45
56		29	44	44
58	120.0	29	43	43
34		45	65	65
36		43	65	65
38		41	62	65
40		40	59	65
42		38	57	65
44		37	55	65
46		35	53	65
48		34	52	65
50		33	50	65
52		32	49	65
54		32	47	63
56	112.0	31	46	61
58		30	45	60
34		49	65	65
36		47	65	65
38		45	65	65
40		43	65	65
42		41	62	65
44		40	60	65
46		39	58	65
48		38	56	65
50		36	55	65
52		35	53	65
54	104.0	35	52	65
56		34	51	65
58		33	49	65
34		54	65	65
36		51	65	65
38		49	65	65
40		47	65	65
42		45	65	65
44		44	65	65
46		43	64	65
48		41	62	65
50		40	60	65
52		39	59	65
54		38	57	65
56		37	56	65
58		36	55	65



MULLION B
FIXED UNIT MULLION

MULLION B FIXED UNITS WITH STEEL REINFORCEMENTS				
"W" TRIBUTARY WIDTH (IN)	"L" MULLION LENGTH (IN)	ALLOWABLE PRESSURE		
		OPTION 1	OPTION 2	OPTION 3
34	96.0	59	65	65
36		56	65	65
38		54	65	65
40		52	65	65
42		50	65	65
44		49	65	65
46		47	65	65
48		46	65	65
50		45	65	65
52		44	65	65
54		43	64	64
56		42	62	62
58	88.0	41	61	61
34		65	65	65
36		63	65	65
38		60	65	65
40		58	65	65
42		56	65	65
44		55	65	65
46		53	65	65
48		52	65	65
50		50	65	65
52		49	65	65
54		48	65	65
56	80.0	47	65	65
58		46	65	65
34		65	65	65
36		65	65	65
38		65	65	65
40		65	65	65
42		64	65	65
44		62	65	65
46		60	65	65
48		59	65	65
50		58	65	65
52		56	65	65
54	72.0	55	65	65
56		54	65	65
58		54	65	65
34		65	65	65
36		65	65	65
38		65	65	65
40		65	65	65
42		65	65	65
44		65	65	65
46		65	65	65
48		65	65	65
50		65	65	65
52		65	65	65
54		65	65	65
56		64	65	65
58		64	65	65



TRIBUTARY WIDTH = $\frac{W1 + W2}{2}$



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DESIGN PRESSURE TABLES

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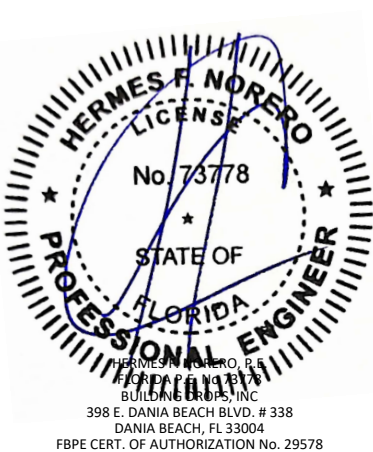
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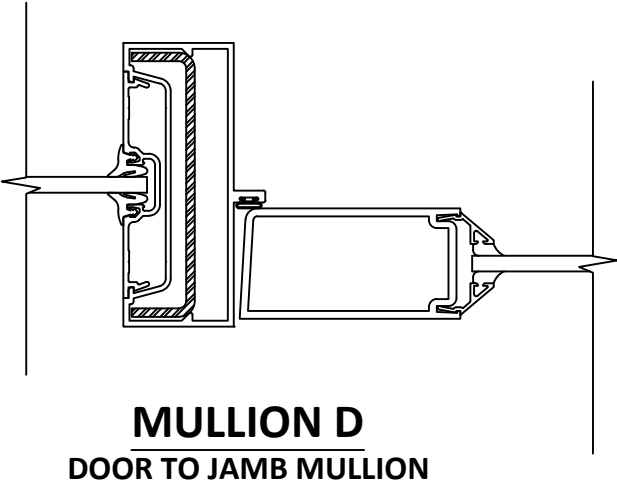
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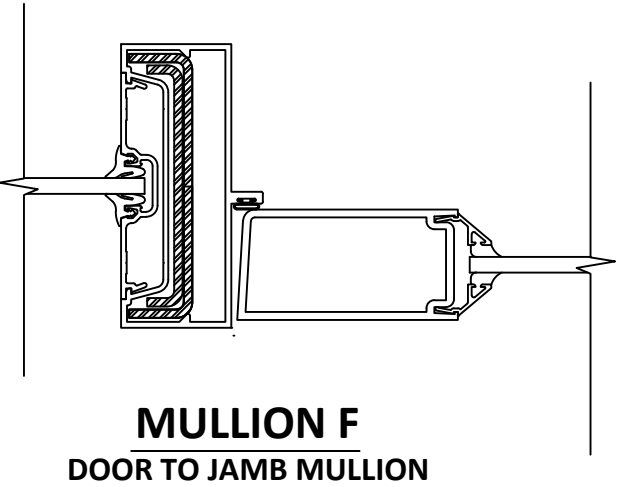
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SCALE:	NTS
DWG. #:	KAW006
SHEET:	5

MULLION D DOOR JAMBS WITH STEEL REINFORCEMENTS(I)				
"W" TRIBUTARY WIDTH (IN)	"L" MULLION LENGTH (IN)	ALLOWABLE PRESSURE		
		OPTION 1	OPTION 2	OPTION 3
34	98.0	58	65	65
38		53	65	65
42		49	65	65
46		46	65	65
50		43	65	65
54		41	62	62
58		40	59	59
62		38	57	57
66		37	55	55
70		36	54	54
74		35	53	53
78		34	52	52
82		34	51	51
34	92.0	62	65	65
38		57	65	65
42		53	65	65
46		50	65	65
50		47	65	65
54		45	65	65
58		43	65	65
62		42	63	65
66		41	61	65
70		40	60	65
74		39	58	65
78		38	57	65
82		38	57	65
34	86.0	65	65	65
38		62	65	65
42		58	65	65
46		55	65	65
50		52	65	65
54		50	65	65
58		48	65	65
62		46	65	65
66		45	65	65
70		44	65	65
74		44	65	65
78		43	65	65
82		43	64	65
34	80.0	65	65	65
38		65	65	65
42		64	65	65
46		60	65	65
50		58	65	65
54		55	65	65
58		54	65	65
62		52	65	65
66		51	65	65
70		50	65	65
74		50	65	65
78		50	65	65
82		50	65	65
34	74.0	65	65	65
38		65	65	65
42		65	65	65
46		65	65	65
50		65	65	65
54		62	65	65
58		61	65	65
62		59	65	65
66		59	65	65
70		58	65	65
74		58	65	65
78		58	65	65
82		58	65	65

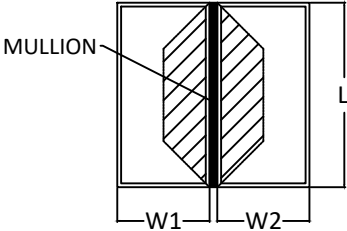
- NOTES:
- LOAD FOR OPTION 1,2 AND 3 ARE BASED ON ANCHOR CLUSTER DESCRIBED ON SHEET 3. REFER TO SHEET 3 FOR ANCHOR DETAILS AND SPACING.
 - IF MULTIPLE COMBINATIONS OF ANCHOR CLUSTER ARE USED, THE LESSER OF THE DESIGN PRESSURE WILL CONTROL THE CONFIGURATION.



MULLION E DOOR JAMBS WITH STEEL REINFORCEMENTS(II)				
"W" TRIBUTARY WIDTH (IN)	"L" MULLION LENGTH (IN)	ALLOWABLE PRESSURE		
		OPTION 1	OPTION 2	OPTION 3
34	123.5	44	65	65
38		40	60	60
42		37	55	55
46		34	51	51
50		32	48	48
54		30	45	45
58		29	43	43
62		27	41	41
66		26	40	40
70		25	38	38
74		25	37	37
78		24	36	36
82		23	35	35
34	120.0	45	65	65
38		41	62	65
42		38	57	65
46		35	53	65
50		33	50	65
54		32	47	63
58		30	45	60
62		29	43	57
66		28	41	55
70		27	40	53
74		26	39	52
78		25	38	50
82		24	37	49
34	112.0	49	65	65
38		45	65	65
42		41	62	65
46		39	58	65
50		36	55	65
54		35	52	65
58		33	49	65
62		32	47	63
66		30	46	61
70		29	44	59
74		29	43	57
78		28	42	56
82		27	41	54
34	104.0	54	65	65
38		49	65	65
42		45	65	65
46		43	64	65
50		40	60	65
54		38	57	65
58		36	55	65
62		35	52	65
66		34	51	65
70		33	49	65
74		32	48	64
78		31	47	62
82		31	46	61



MULLION E FIXED UNITS WITH STEEL REINFORCEMENTS(II)				
"W" TRIBUTARY WIDTH (IN)	"L" MULLION LENGTH (IN)	ALLOWABLE PRESSURE		
		OPTION 1	OPTION 2	OPTION 3
34	96.0	59	65	65
38		54	65	65
42		50	65	65
46		47	65	65
50		45	65	65
54		43	64	64
58		41	61	61
62		39	59	59
66		38	57	57
70		37	56	56
74		36	54	54
78		36	53	53
82		35	53	53
34	88.0	65	65	65
38		60	65	65
42		56	65	65
46		53	65	65
50		50	65	65
54		48	65	65
58		46	65	65
62		45	65	65
66		44	65	65
70		43	64	64
74		42	63	63
78		41	62	62
82		41	62	62
34	80.0	65	65	65
38		65	65	65
42		64	65	65
46		60	65	65
50		58	65	65
54		55	65	65
58		54	65	65
62		52	65	65
66		51	65	65
70		50	65	65
74		50	65	65
78		50	65	65
82		50	65	65
34	72.0	65	65	65
38		65	65	65
42		65	65	65
46		65	65	65
50		65	65	65
54		65	65	65
58		64	65	65
62		62	65	65
66		62	65	65
70		61	65	65
74		61	65	65
78		61	65	65
82		61	65	65



TRIBUTARY WIDTH = $\frac{W1 + W2}{2}$



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PH: (770) 840-6431

TITLE: TRIFAB 451 ALUMINUM
STOREFRONT & ENTRANCE WAY
(HVHZ)(NON-IMPACT)

DESIGN PRESSURE TABLES

PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004

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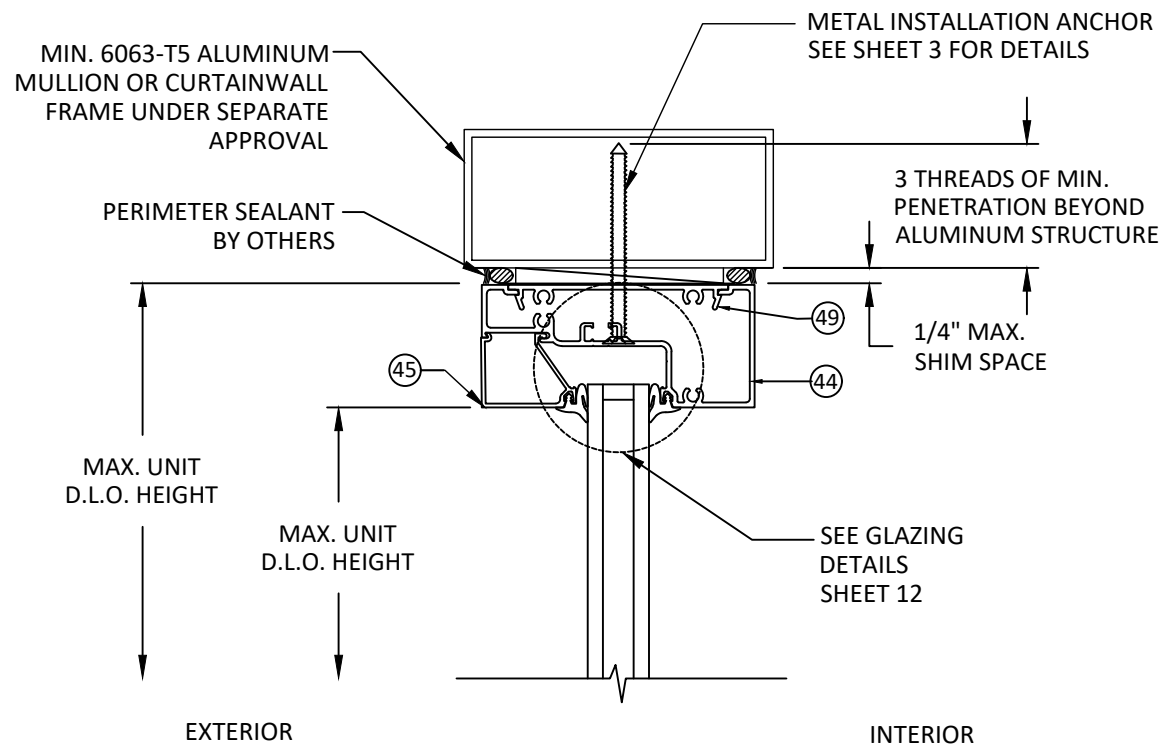


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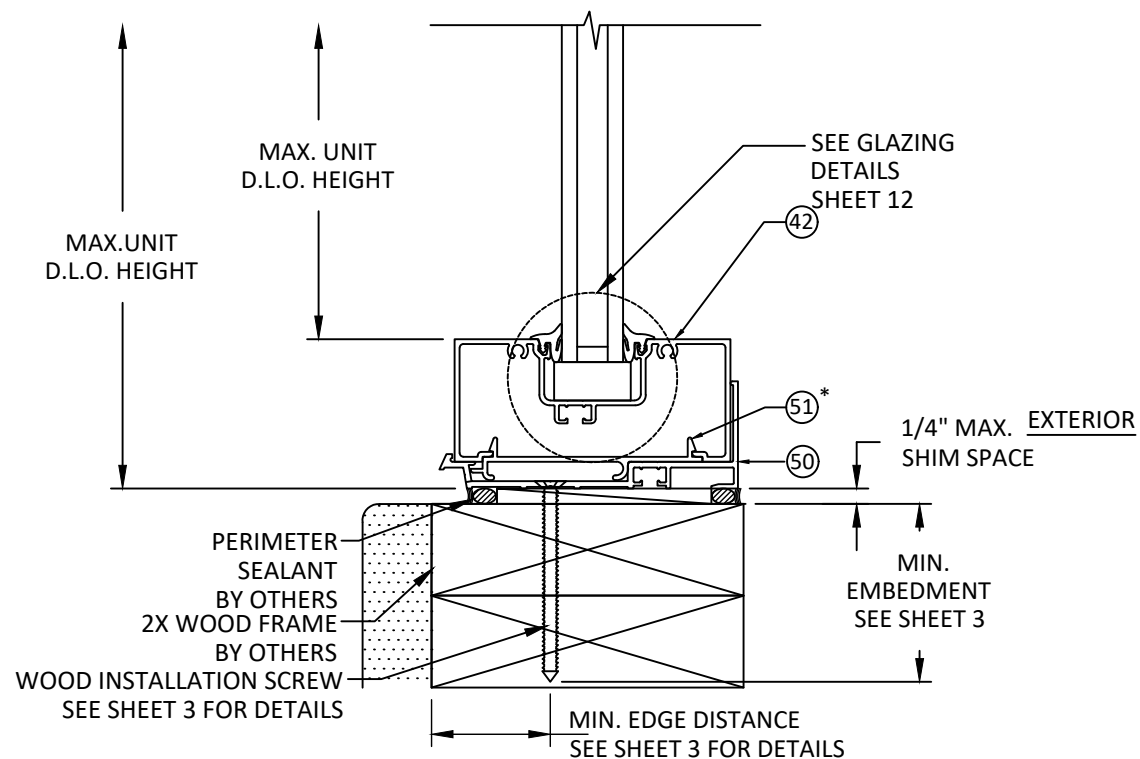
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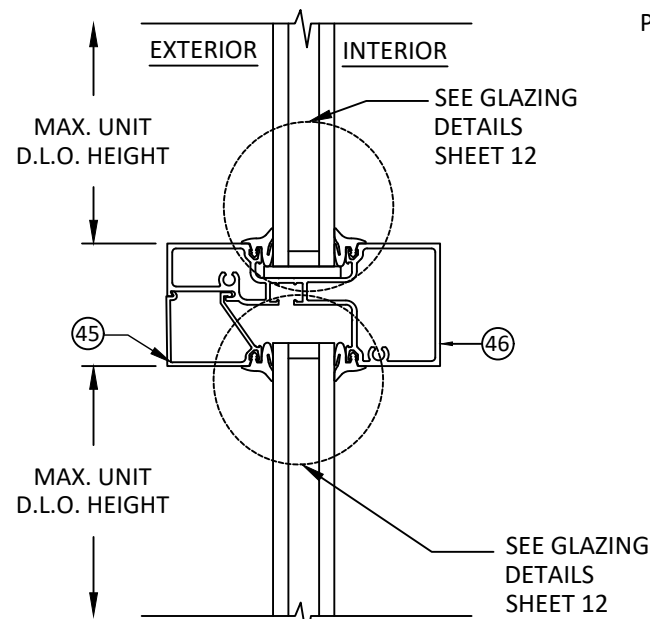
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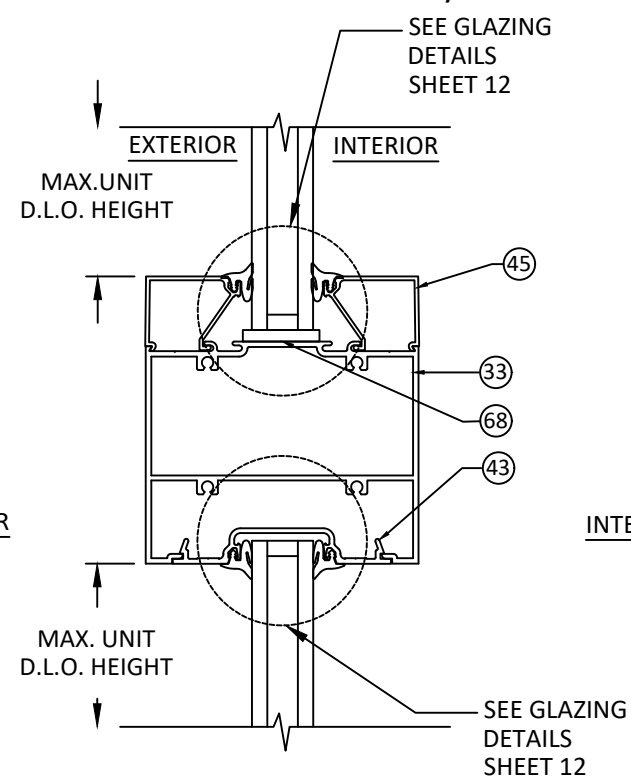
A
7 **VERTICAL SECTION**
FIXED UNIT HEAD
EXISTING METAL STRUCTURE



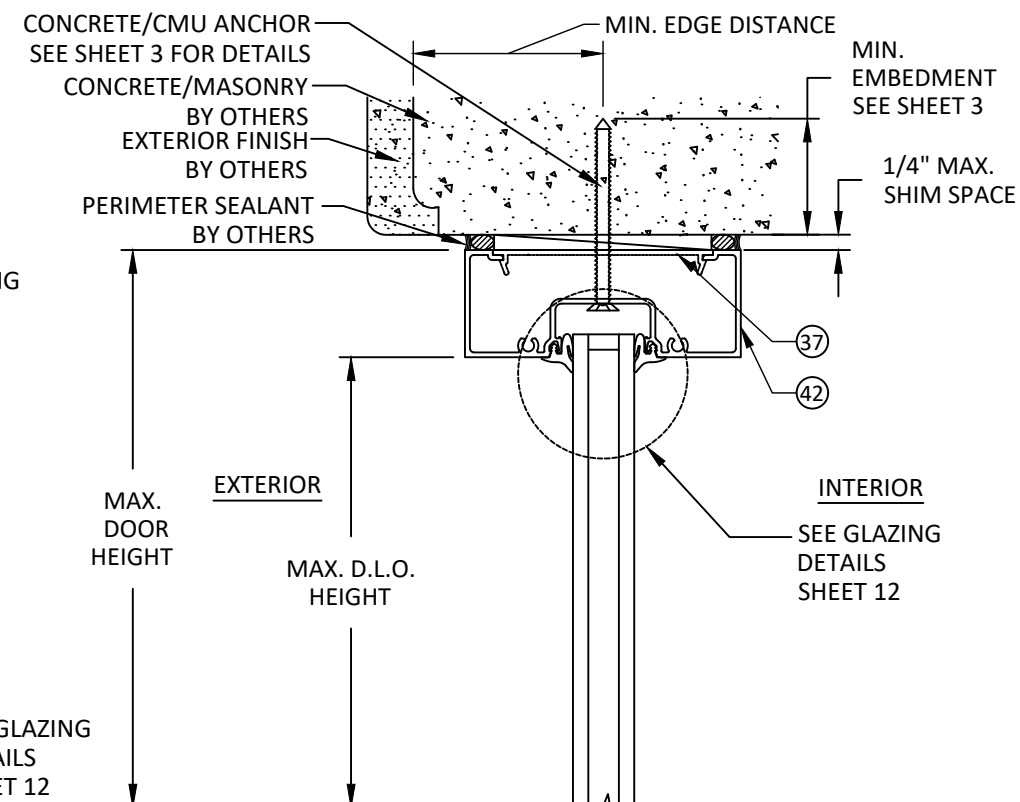
D
7 **VERTICAL SECTION**
FIXED UNIT SILL OPTION 1
2X WOOD FRAME



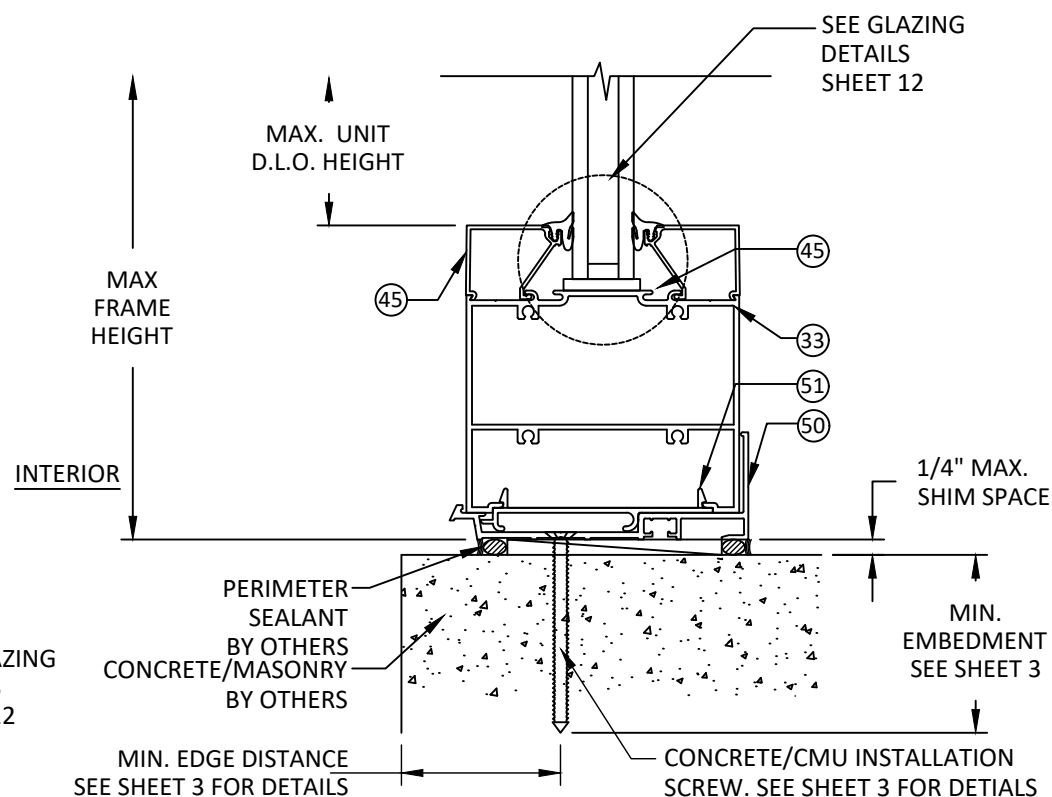
B
7 **VERTICAL SECTION**
HORIZONTAL MULLION
MAXIMUM SPAN 52 1/2"



E
7 **VERTICAL SECTION**
HORIZONTAL MULLION



C
7 **VERTICAL SECTION**
HEAD - CONCRETE/MASONRY
TRANSOM HEAD



F
7 **VERTICAL SECTION**
FIXED UNIT SILL OPTION 2
SILL - CONCRETE/MASONRY



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FIXED UNITS VERTICAL SECTIONS

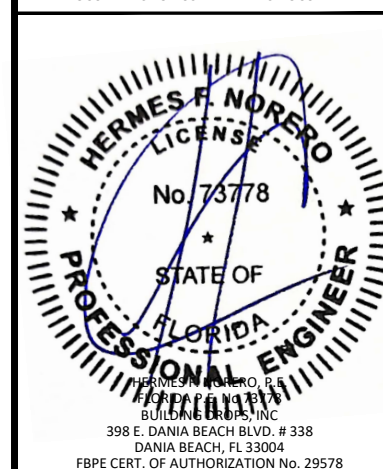
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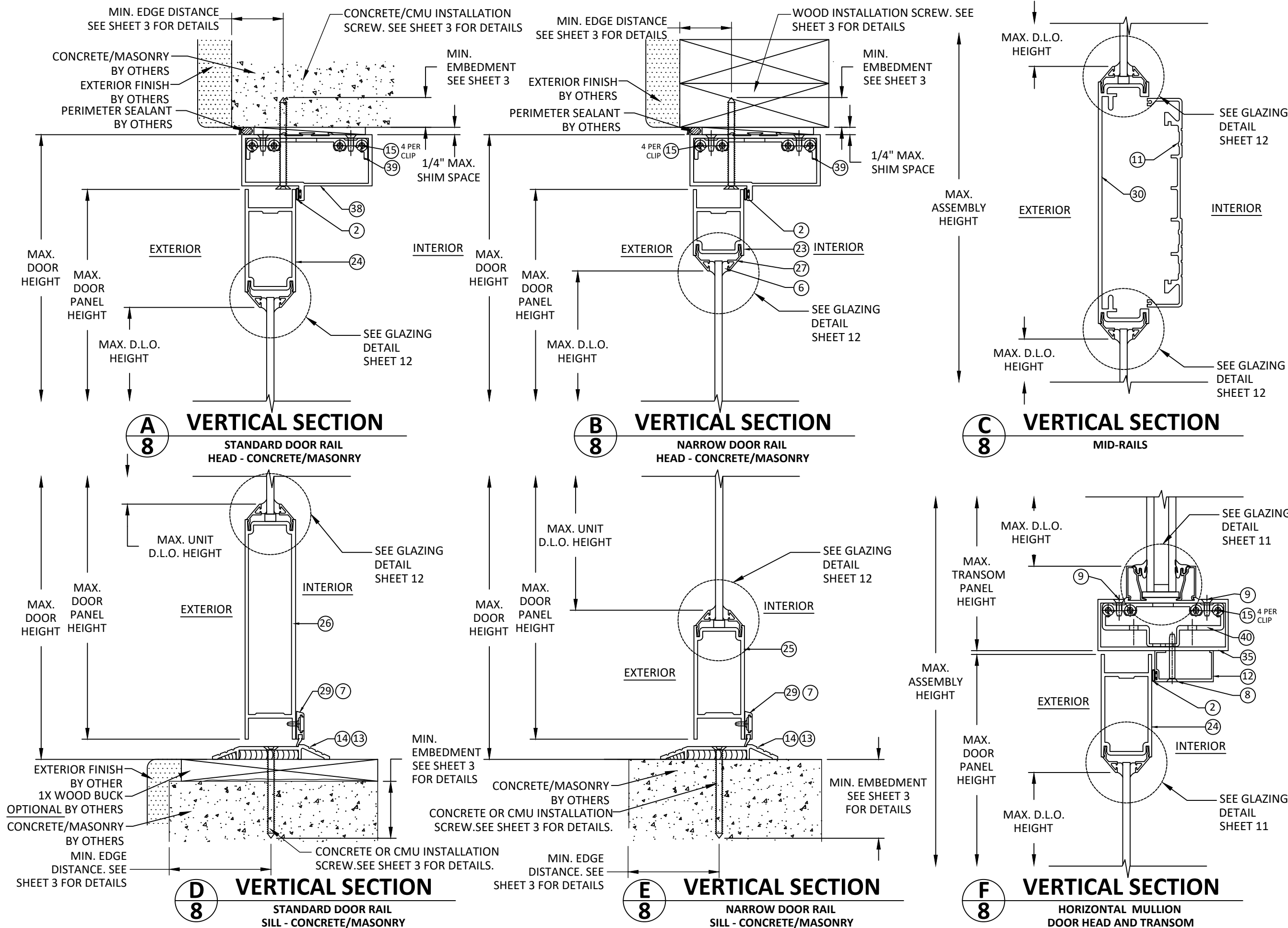


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DOOR VERTICAL SECTIONS

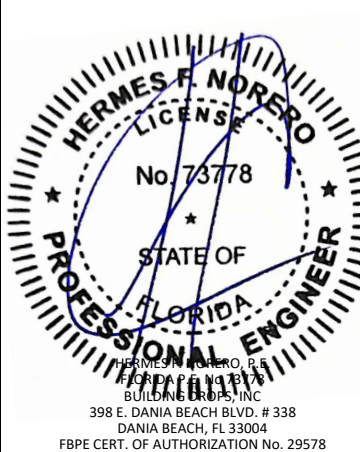
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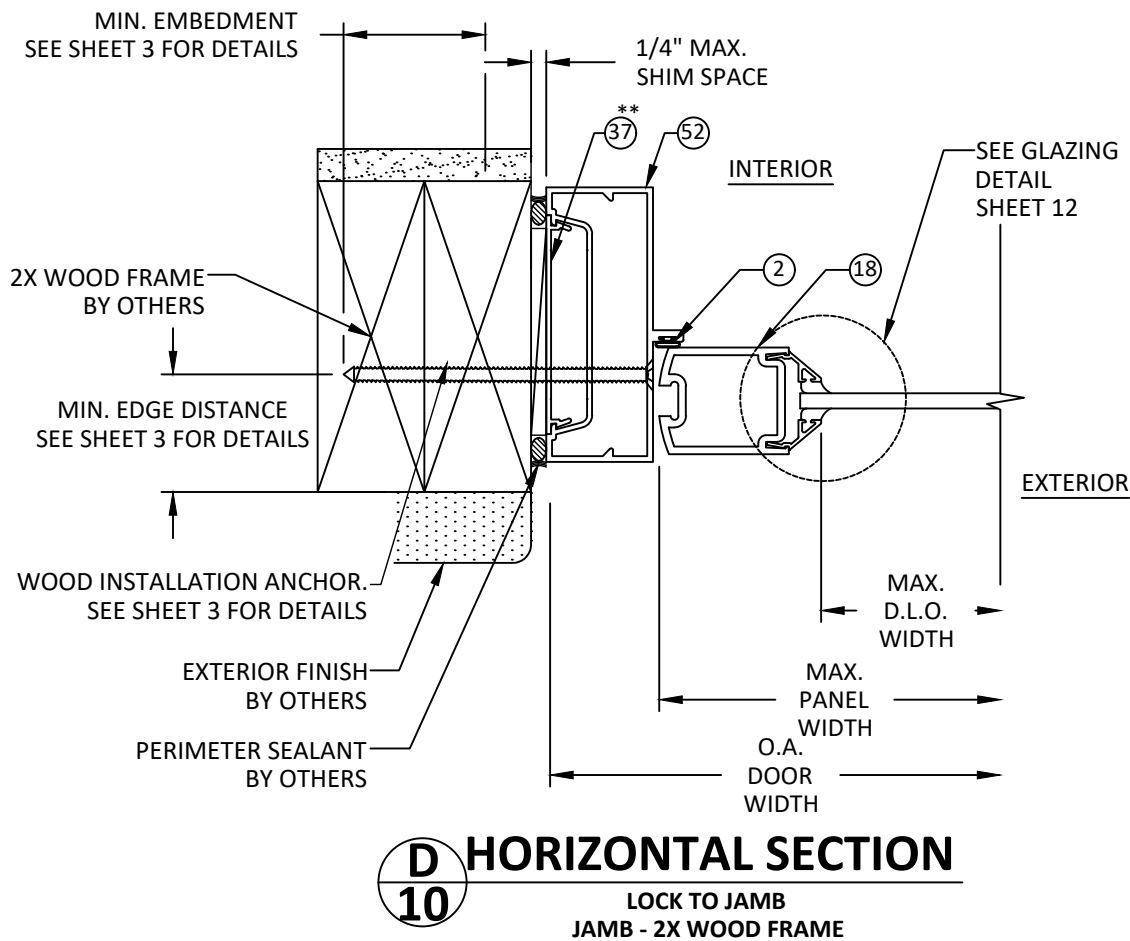
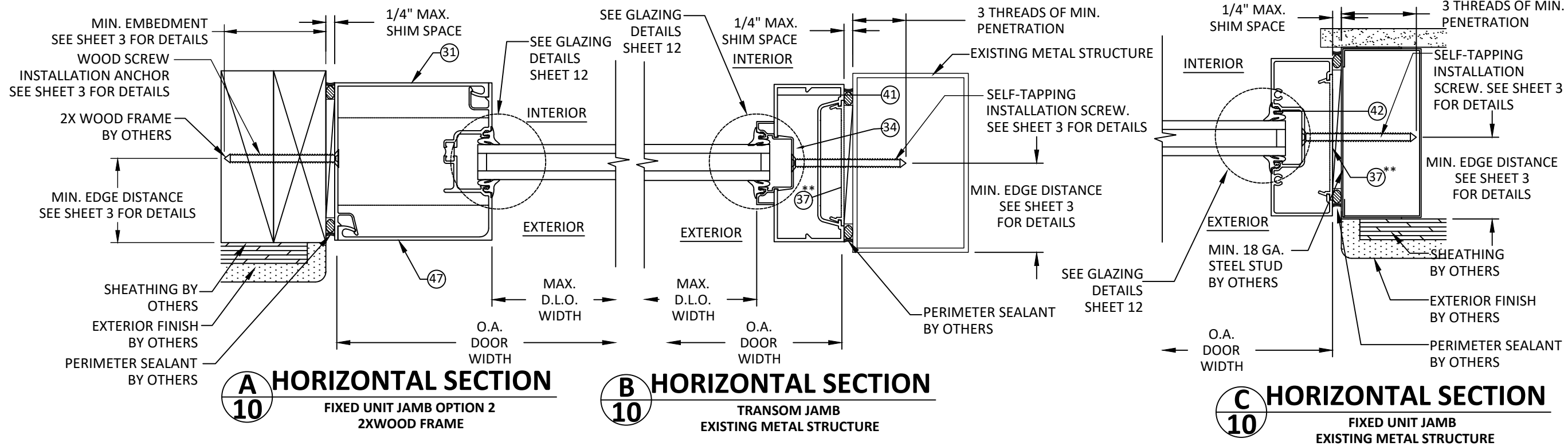


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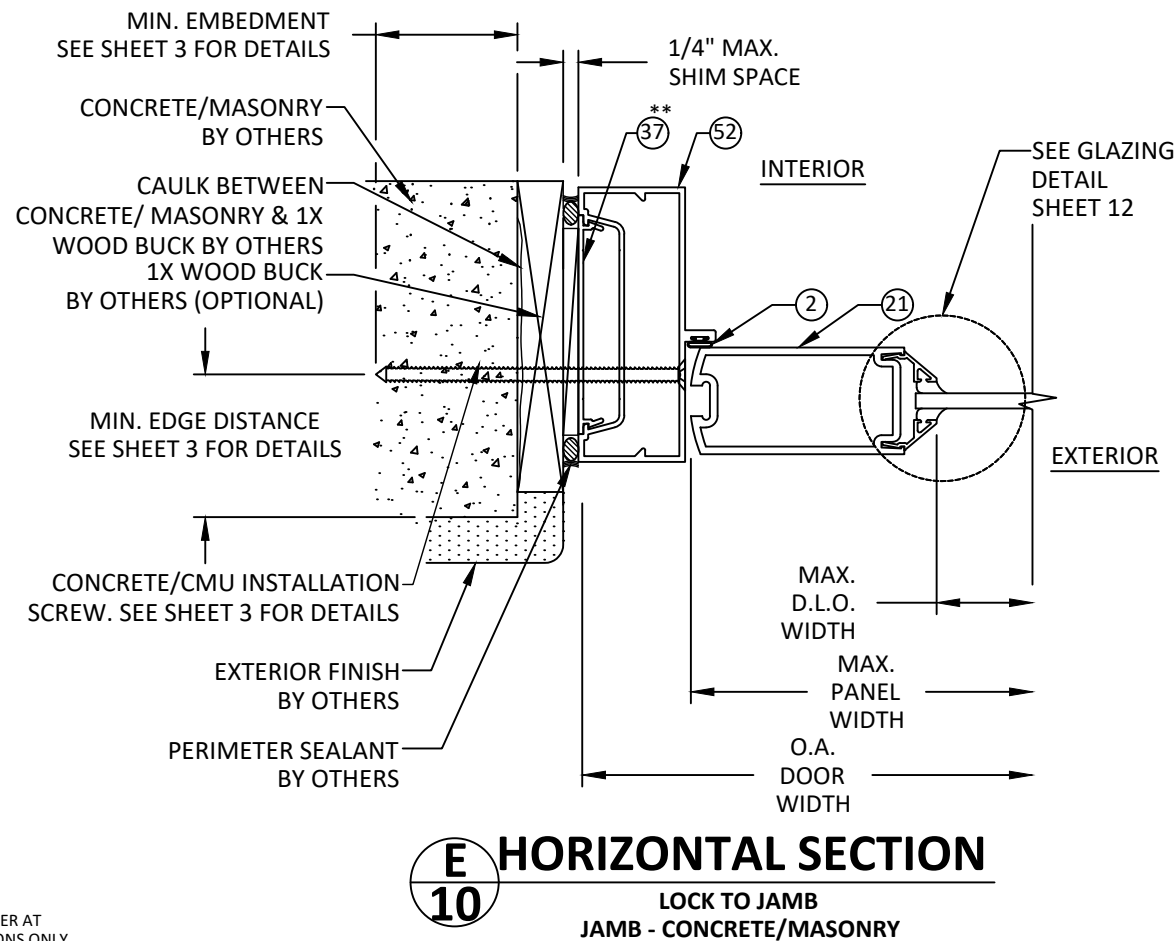
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** 4" LONG FILLER AT SHIM LOCATIONS ONLY



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FIXED UNITS AND MULLIONS
HORIZONTAL SECTIONS

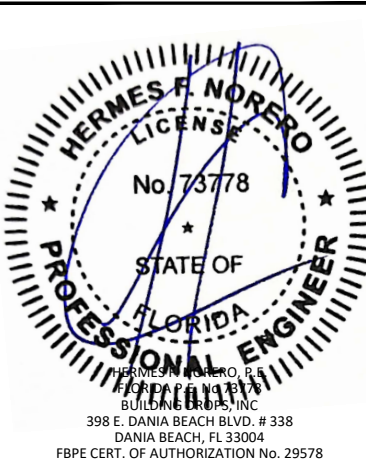
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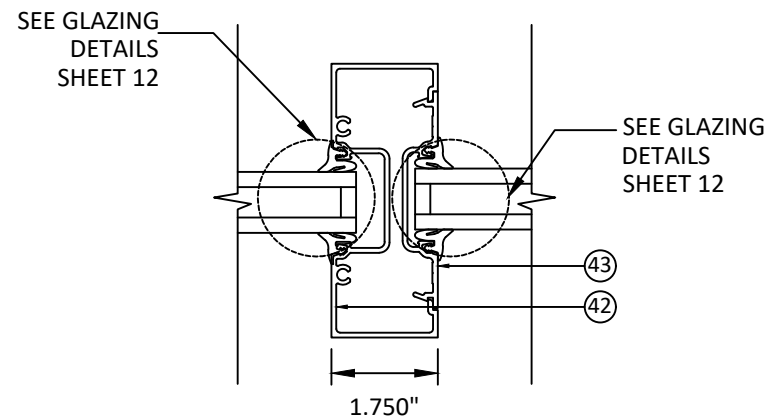


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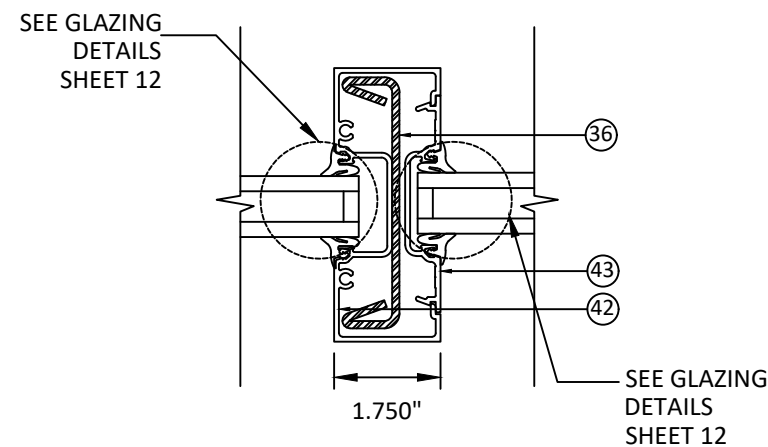
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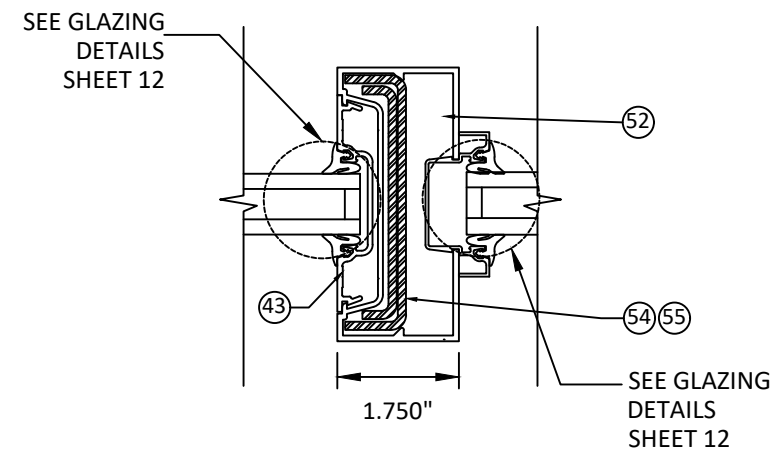
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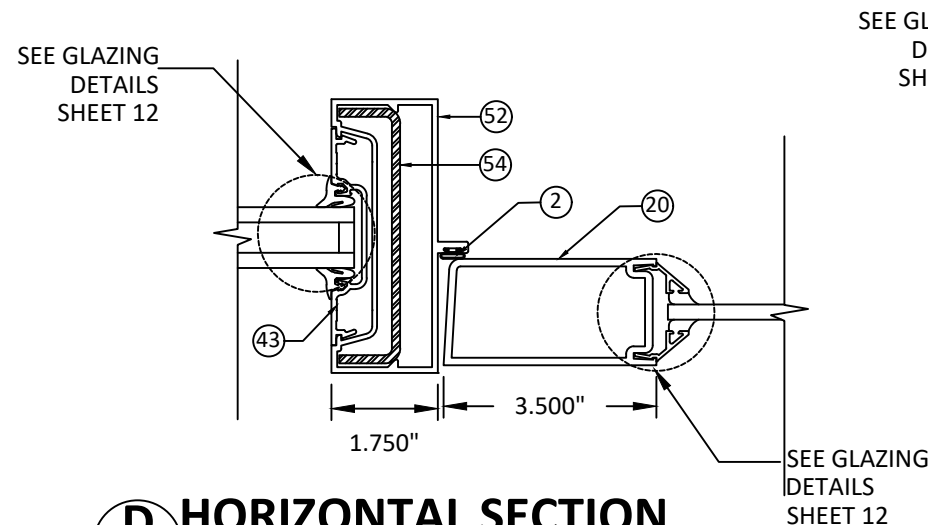
A HORIZONTAL SECTION
11 MULLION (A) WITHOUT REINFORCEMENTS
 FIXED UNIT



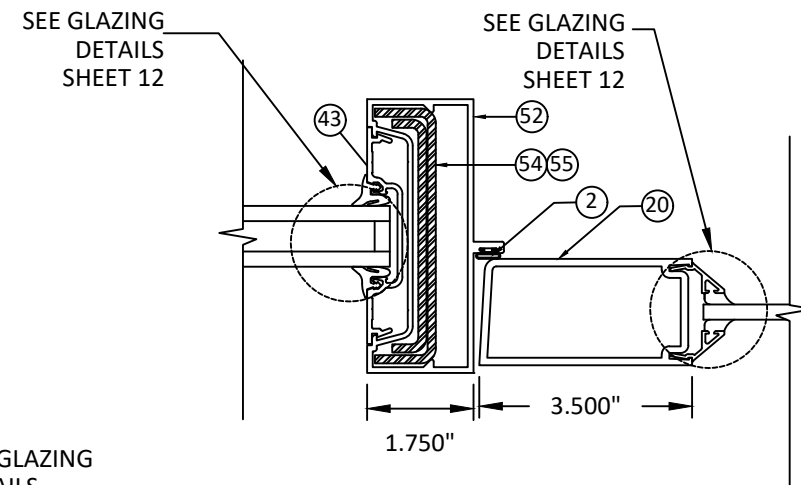
B HORIZONTAL SECTION
11 MULLION (B) WITH SINGLE REINFORCEMENT
 FIXED UNITS



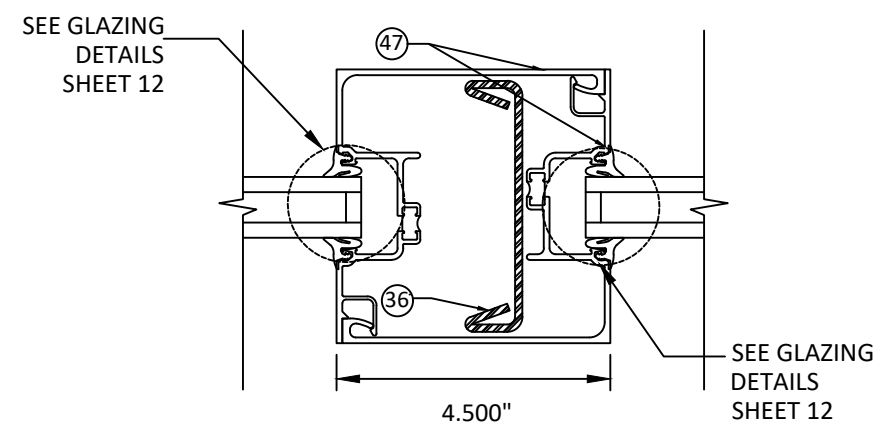
C HORIZONTAL SECTION
11 MULLION (C) WITH DOUBLE REINFORCEMENTS
 FIXED UNITS



D HORIZONTAL SECTION
11 MULLION (D) SINGLE REINFORCEMENT
 DOOR JAMB AND FIXED WINDOW



E HORIZONTAL SECTION
11 MULLION (E) SINGLE REINFORCEMENT
 DOOR JAMB AND FIXED WINDOW



F HORIZONTAL SECTION
11 4 1/2" WIDE MULLION (F) WITH REINFORCEMENT
 FIXED UNITS

- MULLION NOTES:
1. SEE TABLES ON SHEET 5-6 FOR MULLION A,B,D AND E DESIGN PRESSURES.
 2. DESIGN PRESSURE FOR MULLION (C) AND (F) WILL BASED ON THOSE FOR MULLION (B). SEE SHEET 5 FOR DP OF MULLION (B)
 3. STANDARD DOOR STILE SHOWN. NARROW DOOR STILES ARE APPROVED.



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FIXED UNITS AND MULLIONS
 HORIZONTAL SECTIONS

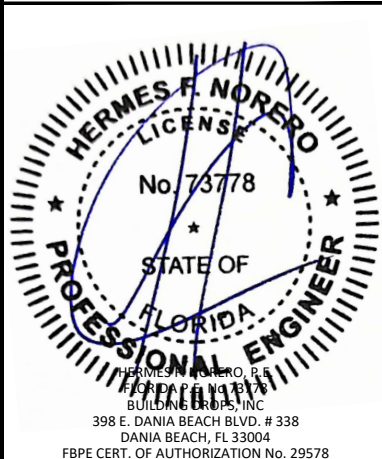
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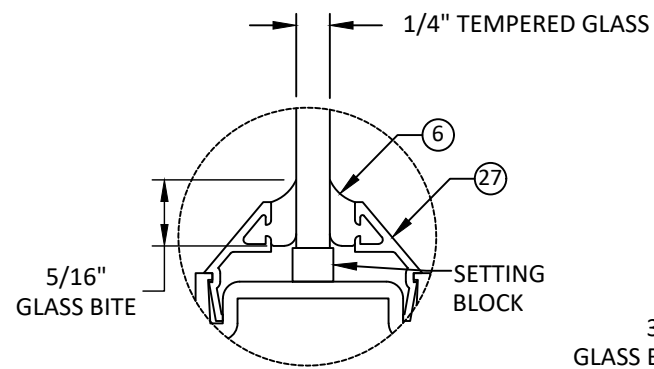


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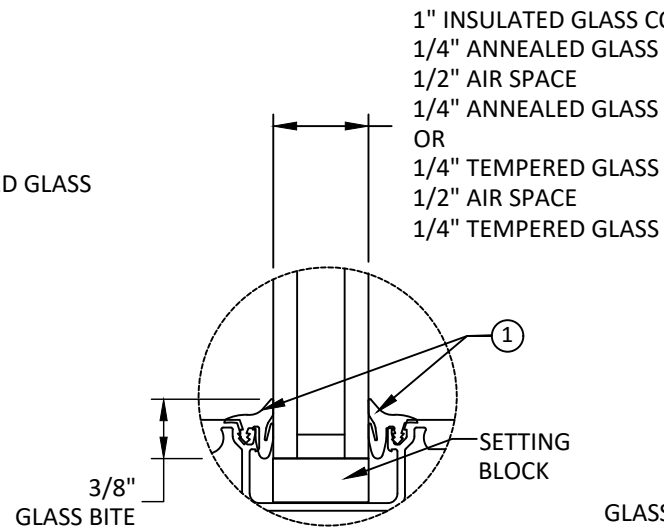
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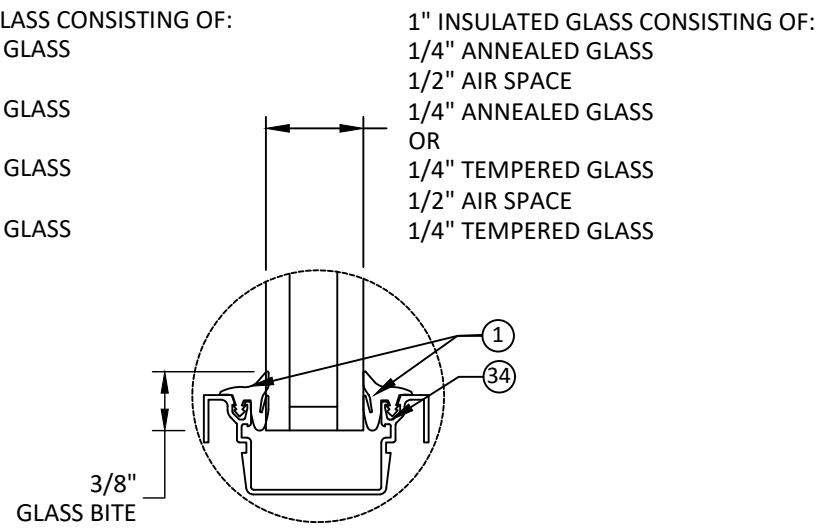
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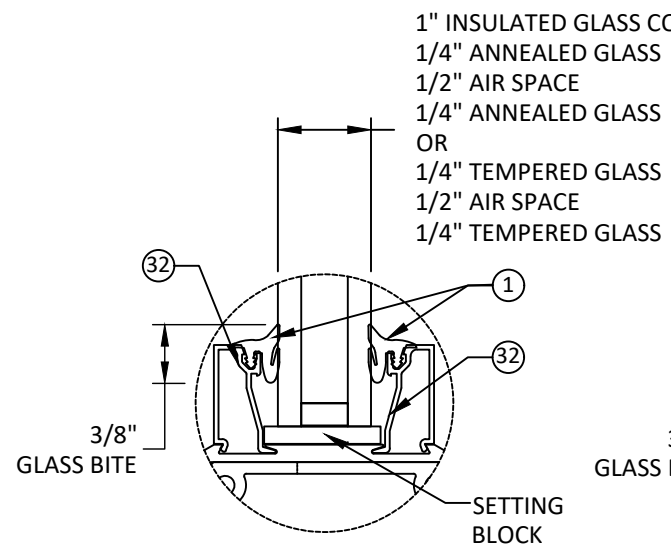
GLAZING DETAIL A
DOUBLE/SINGLE DOOR



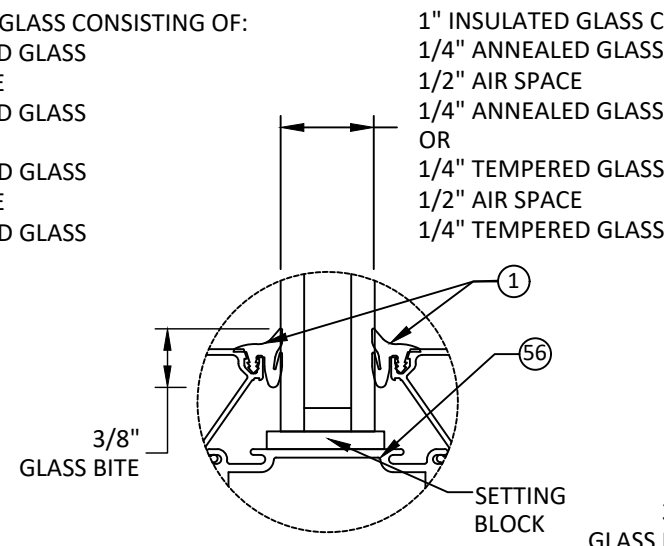
GLAZING DETAIL B
STOREFRONT



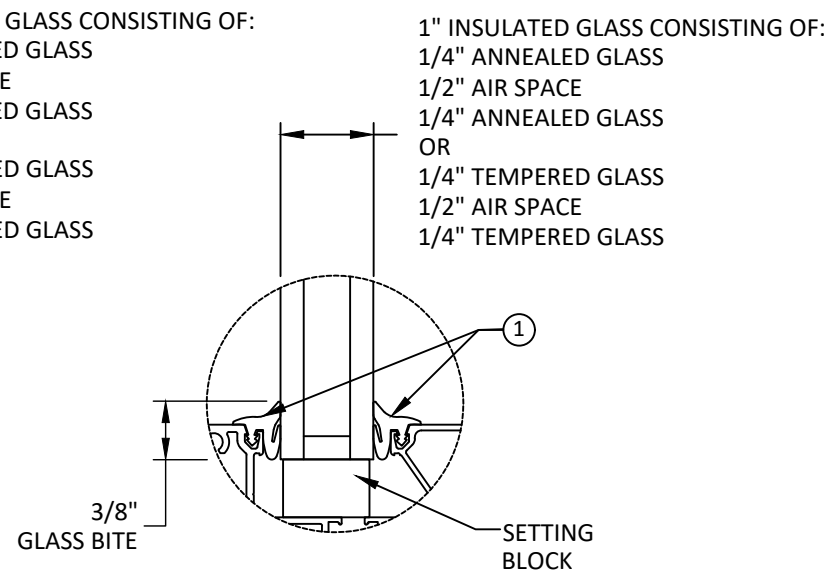
GLAZING DETAIL C
STOREFRONT



GLAZING DETAIL D
STOREFRONT



GLAZING DETAIL E
STOREFRONT



GLAZING DETAIL F
STOREFRONT

GLAZING NOTES:

1. GLAZING SHALL COMPLY WITH ASTM E1300 AND FBC SAFETY GLAZING REQUIREMENTS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.

GLASS LOAD CAPACITY (PSF)		
D.L.O. WIDTH (IN)	D.L.O. HEIGHT (IN)	GLASS LOAD CAPACITY FOR STOREFRONT
68	93	-
65		-
61		-
57		-
53		65.0
49		65.0
45		65.0
68	84	-
65		-
61		-
57		60.4
53		65.0
49		65.0
45		65.0
68	72	50.7
65		53.0
61		56.5
57		60.4
53		65.0
49		65.0
45		65.0
68	60	50.7
65		53.0
61		56.5
57		60.4
53		65.0
49		65.0
45		65.0
68	48	50.7
65		53.0
61		56.5
57		60.4
53		65.0
49		65.0
45		65.0



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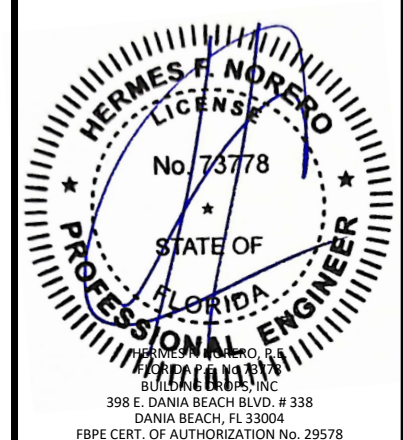
GLAZING DETAILS

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DWG. #: **KAW006**

SHEET:

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OF 15

BILL OF MATERIAL				
ID NO.	PART NO.	DESCRIPTION	DIMENSIONS	MATERIAL
1	027-074	STANDARD PUSH ON GASKET	0.493 x 0.591	EPDM
2	027-078	BULB WEATHERING	0.125 SPACE	ALCRYN
3	027-302	SETTING BLOCK	0.250 x 0.500 x 4.125	EPT
4	027-366	SETTING BLOCK	0.437 x 0.500 x 4.125	NEO/EPDM
5	027-555	DOOR SETTING BLOCK	0.250 x 0.375 x 3.000	EPDM
6	027-563	DOOR WEATHERING	0.813 x 0.813 x 4.125	EPDM
7	028-315	BOTTOM RAIL SWEEP ATTACHMENT SCREW	#6 x 3/8" FHTFS	400 SERIES STAINLESS STEEL
8	028-336	ATTACHMENT SCREW (SAM II DOOR STOP)	#10 x 1 5/8" FHTFS	300 SERIES STAINLESS STEEL
9	028-400	SHEAR BLOCK TO JAMB ATTACHMENT SCREW	#10 x 1 9/32" P.H.	430 SERIES STAINLESS STEEL
10	028-845	THRESHOLD CLIP ATTACHMENT SCREW	#12-24 x 3/8" FHMS	ZINC PLATED CARBON STEEL
11	033-105	PANELINE CR90 EXIT DEVICE	7.125 x 1.188 x 0.094	6063-T6 ALUMINUM
12	041-045	SAM II DOOR STOP	1.062 x 2.000 x 0.062	6063-T6 ALUMINUM
13	049-896	TRIFAB THRESHOLD/JAMB CLIP	1.312 x 1.688 x 1.500	1010-1020 H.R. STEEL
14	069-139	THRESHOLD	0.500 x 4.000 x 0.125	6063-T6 ALUMINUM
15	128-345	HEADER TO SHEAR BLOCK ATTACHMENT SCREW	#10 x 9/16" FHTFS (6)	430 SERIES STAINLESS STEEL
16	128-439	ADJUSTABLE ASTRAGAL ATTACHMENT SCREW	#6 x 11/16" FH	ZINC PLATED CARBON STEEL
17	200-002	BEVELED DOOR STILE "190"	2.125 x 1.75 x 0.125	6063-T6 ALUMINUM
18	200-003	ACTIVE DOOR MEETING STILE "190"	2.125 x 1.75 x 0.125	6063-T6 ALUMINUM
19	200-004	INACTIVE DOOR MEETING STILE "190"	2.188 x 1.75 x 0.125	6063-T6 ALUMINUM
20	200-005	BEVELED DOOR STILE "350"	3.500 x 1.750 x 0.125	6063-T6 ALUMINUM
21	200-006	ACTIVE DOOR MEETING STILE "350"	3.500 x 1.750 x 0.125	6063-T6 ALUMINUM
22	200-007	INACTIVE DOOR MEETING STILE "350"	3.562 x 1.750 x 0.125	6063-T6 ALUMINUM
23	200-020	DOOR TOP RAIL "190"	2.250 x 1.724 x 0.125	6063-T6 ALUMINUM
24	200-023	DOOR TOP RAIL "350"	4.000 x 1.724 x 0.125	6063-T6 ALUMINUM
25	200-030	DOOR BOTTOM RAIL "190"	3.875 x 1.724 x 0.125	6063-T6 ALUMINUM
26	200-034	DOOR BOTTOM RAIL "350"	7.500 x 1.724 x 0.125	6063-T6 ALUMINUM
27	200-041	DOOR GLASS STOP	0.886 x 0.500 x 0.058	6063-T6 ALUMINUM
28	200-496	ADJUSTABLE ASTRAGAL WEATHERING ASSY.	0.687 x 0.500	VARIED
29	200-795	DOOR BOTTOM RAIL WEATHER SWEEP ASSY.	N/A	VARIED
30	233-013	DOOR CROSS RAIL	8.250 x 1.724 x 0.125	6063-T6 ALUMINUM
31	450-017	90° CORNER HALF	4.406 x 4.500 x 0.094	6063-T6 ALUMINUM
32	450-022	GLASS STOP - TRANSOM	1.063 x 0.665 x 0.050	6063-T6 ALUMINUM
33	450-027	HIGH SIDELITE BASE	2.031 x 4.452 x 0.090	6063-T6 ALUMINUM
34	450-033	POCKET INSERT	1.625 x 0.925 x 0.050	6063-T6 ALUMINUM
35	450-079	TUBULAR TRANSOM BAR	1.750 x 4.452 x 0.125	6063-T6 ALUMINUM
36	450-110	STEEL REINFORCEMENT	4.125 x 0.937	50 KSI STEEL
37	450-126	FLAT FILLER SHIM SUPPORT	3.590 x 0.080	6063-T6 ALUMINUM
38	450-502	S/A T-BAR/HEADER W/WEATHERING	1.750 x 4.452 x 0.125	6063-T6 ALUMINUM
39	450-506	S/A T-BAR CLIP PACKAGE	1.250 x 3.000	6063-T6 ALUMINUM
40	450-548	SA.HEADER/T-BAR OFFSET PIVOT SH.BLK.COC PACKAGE	1.484 x 4.150 x 0.109	6063-T6 ALUMINUM
41	200-012	CONTINUOUS HINGE DOOR STILE	3.250 x 1.750 x 0.125	6063-T6 ALUMINUM
42	450-CG-001	MULLION/SILL/JAMB	4.500 x 1.750 x 0.080	6063-T6 ALUMINUM
43	450-CG-002	POCKET FILLER	3.590 x 0.080	6063-T6 ALUMINUM
44	450-CG-003	OPEN BACK HORIZONTAL	4.452 x 1.750 x 0.080	6063-T6 ALUMINUM
45	450-CG-004	GLASS STOP	1.913 x 0.951 x 0.062	6063-T6 ALUMINUM
46	450-CG-011	TUBULAR HORIZONTAL	4.452 x 1.750 x 0.080	6063-T6 ALUMINUM
47	450-CG-015	90° ONE POCKET CORNER HALF	4.125 x 0.937	6063-T6 ALUMINUM
48	-----	NOT USED	-----	-----
49	450-CG-163	PERIMETER FILLER	3.590 x 0.080	6063-T6 ALUMINUM
50	451-HP-037	HIGH PERFORMANCE FLASHING	1.750 x 4.875 x 0.094	6063-T6 ALUMINUM
51	451-HP-026	FLASHING CLIP	3.786 x 0.090 x 12.000	6063-T6 ALUMINUM
52	575-053	SHUTTERED OPEN BACK DOOR JAMB	4.500 x 1.750 x 0.094	6063-T6 ALUMINUM
53	575-056	GLASS POCKET EXTENSION	0.500 x 0.893 x 0.050	6063-T6 ALUMINUM
54	575-300	STEEL REINFORCEMENT	4.188 x 1.000 x 0.134	50 KSI STEEL
55	575-301	STEEL REINFORCEMENT	3.826 x 0.562 x 0.135	50 KSI STEEL
56	-----	DOW CORNING 995/983 (SEALANT)	N/A	SILICONE SEALANT

57	-----	BACKER ROD	N/A	-----
58	027-081	SETTING BLOCK	0.188 x 1.250 x 4.125	EPDM
59	027-073	SETTING BLOCK	0.625 x 1.250 x 4.125	EPDM
60	451-CG-001	MULLION/SILL/JAMB	4.500 x 2.000 x 0.080	6063-T6 ALUMINUM
61	451-CG-002	POCKET FILLER	3.590 x 0.080	6063-T6 ALUMINUM
62	451-CG-003	OPEN BACK HORIZONTAL	4.500 x 2.000 x 0.080	6063-T6 ALUMINUM
63	451-CG-004	GLASS STOP	1.554 x 1.204 x 0.062	6063-T6 ALUMINUM
64	451-CG-011	TUBULAR HORIZONTAL	4.452 x 2.000 x 0.080	6063-T6 ALUMINUM
65	451-012	MULLION	4.500 x 2.000 x 0.080	6063-T6 ALUMINUM
66	200-024	LCN DOOR TOP RAIL "350"	3.688 x 1.724 x 0.125	6063-T6 ALUMINUM
67	069-214	LCN DOOR STOP	0.625 x 2.000 x 0.125	6063-T6 ALUMINUM
68	450-105	WATER DEFLECTOR TRIFAB VG 450	1.500 x 0.562 x 0.020	RIGID PVC
69	451-105	WATER DEFLECTOR TRIFAB VG 451	1.500 x 1.312 x 0.020	RIGID PVC
70	-	TUBULAR TRANSOM BAR	4.500 x 1.75 x 0.08	6063-T6 ALUMINUM



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BILL OF MATERIALS AND COMPONENTS

PREPARED BY:

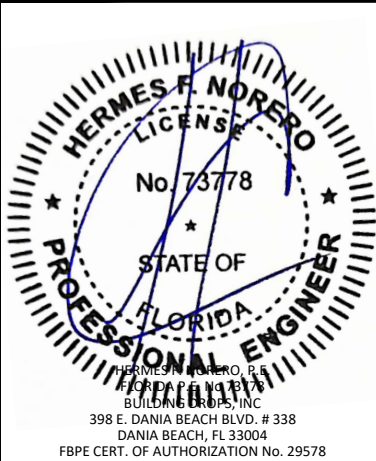
BUILDING DROPS, INC.

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FL #:
FL7237

DATE: **07.23.19**

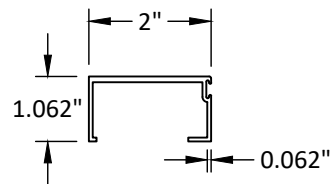
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SCALE: **NTS**

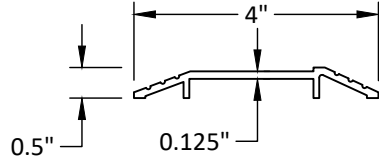
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SHEET:
13
OF 15

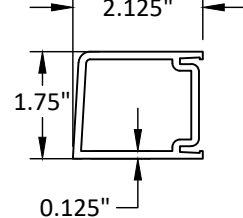
12 SAM II DOOR STOP
6063-T6



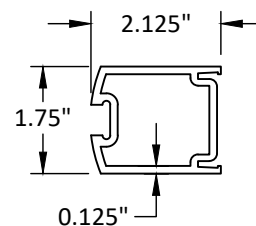
14 THRESHOLD
6063-T6



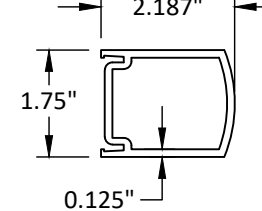
17 BEVELED DOOR STILE 190
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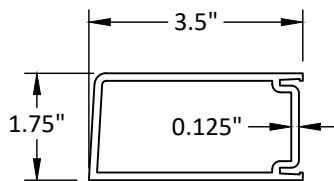
18 ACTIVE DOOR STILE 190
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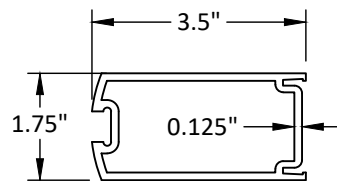
19 INACTIVE DOOR STILE 190
6063-T6



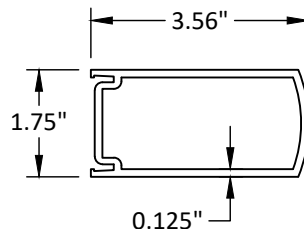
20 BEVELED DOOR STILE 350
6063-T6



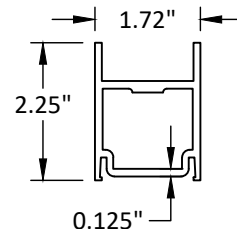
21 ACTIVE DOOR STILE 350
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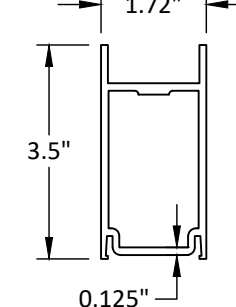
22 INACTIVE DOOR STILE 350
6063-T6



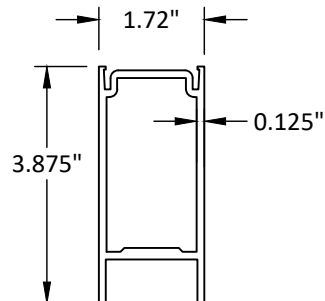
23 DOOR TOP RAIL 190
6063-T6



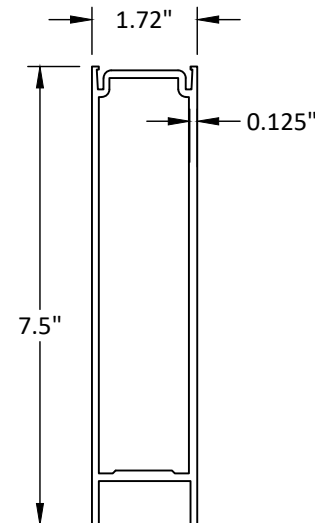
24 DOOR TOP RAIL 350
6063-T6



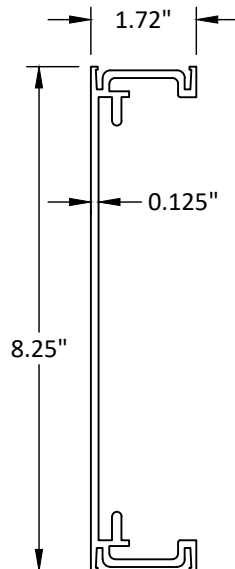
25 DOOR BOTTOM RAIL 190
6063-T5



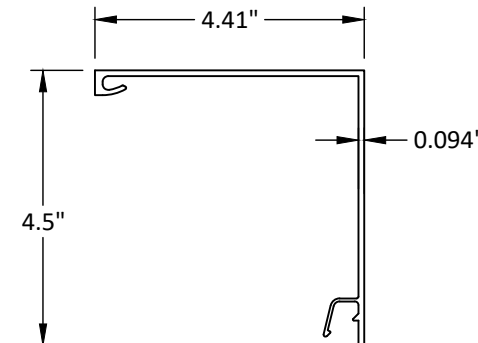
26 DOOR BOTTOM RAIL 350
6063-T6



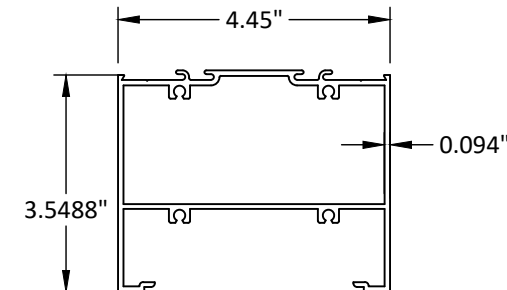
30 DOOR CROSS RAIL
6063-T6



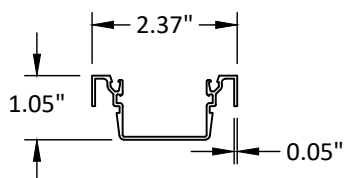
31 90 DEGREE CORNER HALF
6063-T5



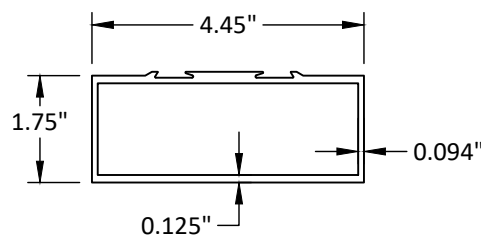
33 HIGH SIDELITE BASE
6063-T6



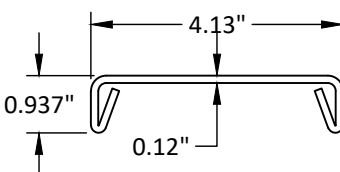
34 POCKET INSERT
6063-T6



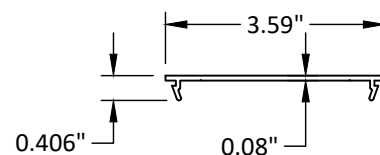
35 TUBULAR TRANSOM BAR
6063-T6



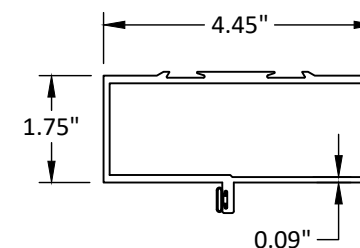
36 STEEL REINFORCEMENT
50 KSI STEEL



37 FLAT FILLER SHIM SUPPORT
6063-T6



38 T BAR/HEADER W/ WEATHERING
6063-T6



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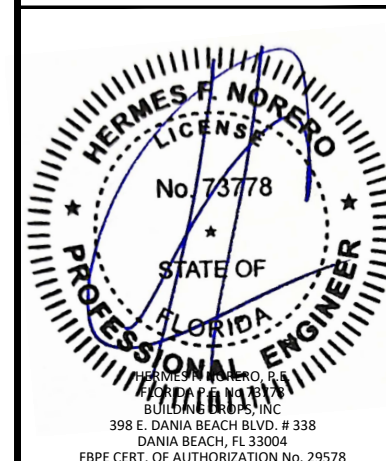
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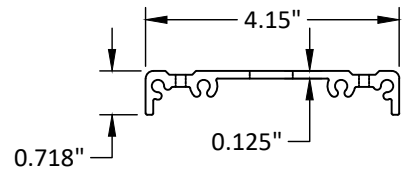
REMARKS	BY	DATE
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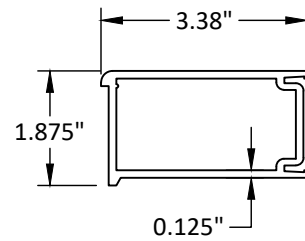


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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	KAW006
SHEET:	14

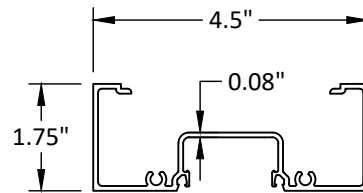
40 HEADER/T-BAR OFFSET
6063-T6



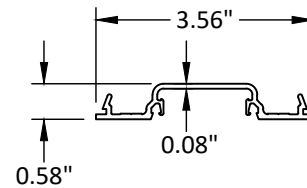
41 CONTINUOUS HINGE DOOR STILE
6063-T6



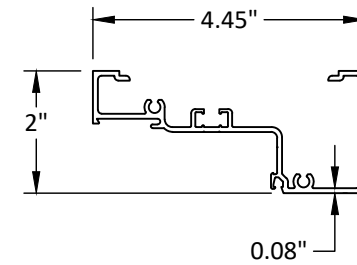
42 MULLION/SILL/JAMB
6063-T6



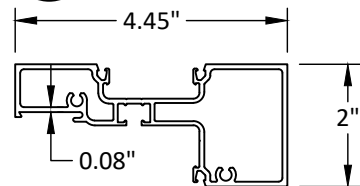
43 POCKET FILLER
6063-T6



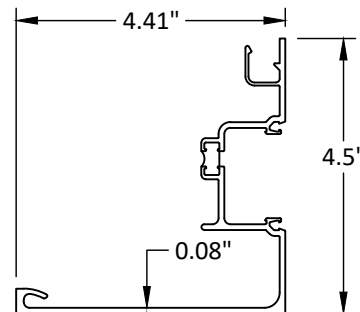
44 OPEN BACK HORIZONTAL
6063-T6



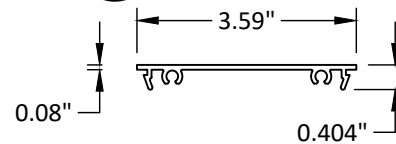
46 TUBULAR HORIZONTAL
6063-T6



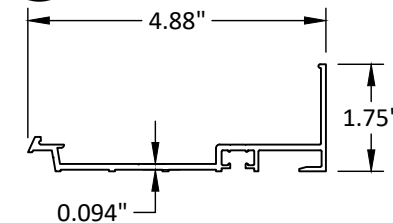
47 CORNER HALF
6063-T6



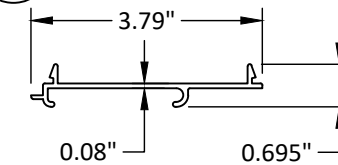
49 PERIMETER FILLER
6063-T6



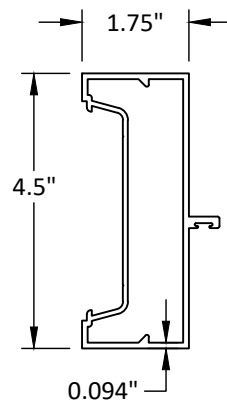
50 HIGH PERFORMANCE FLASHING
6063-T6



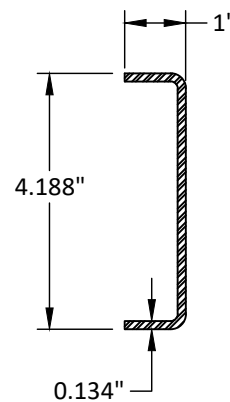
51 FLASHING CLIP
6063-T6



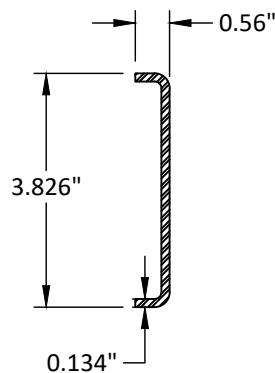
52 DOOR JAMB
6063-T6



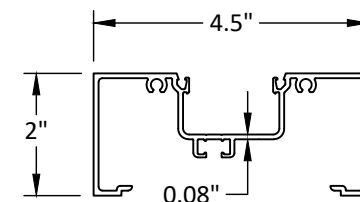
54 STEEL REINFORCEMENT
50 KSI STEEL



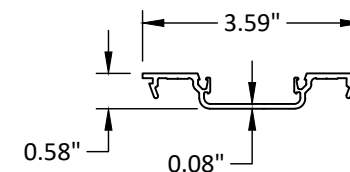
55 STEEL REINFORCEMENT
50 KSI STEEL



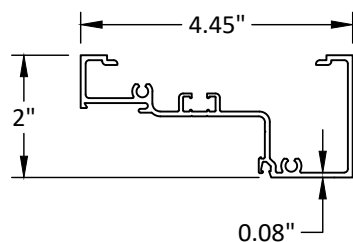
60 IG MULLION/SILL/JAMB
6063-T6



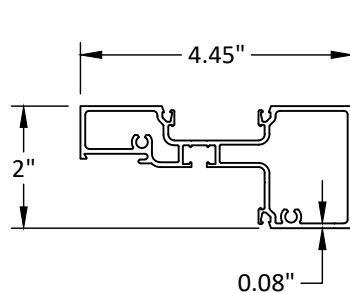
61 POCKET FILLER
6063-T6



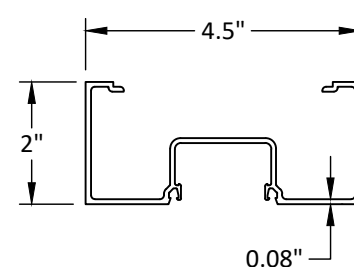
62 OPEN BACK HORIZONTAL
6063-T6



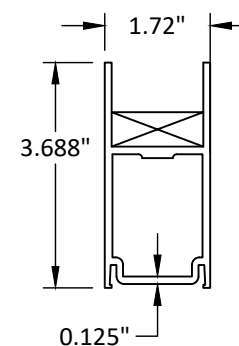
64 TUBULAR HORIZONTAL
6063-T6



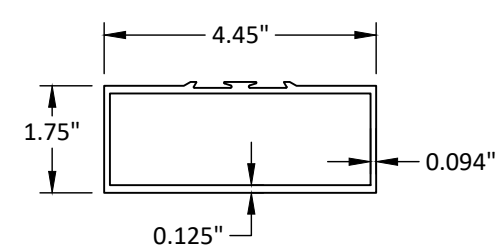
65 MULLION
6063-T6



66 LCN DOOR TOP RAIL 350
6063-T6



70 TUBULAR TRANSOM BAR
6063-T6



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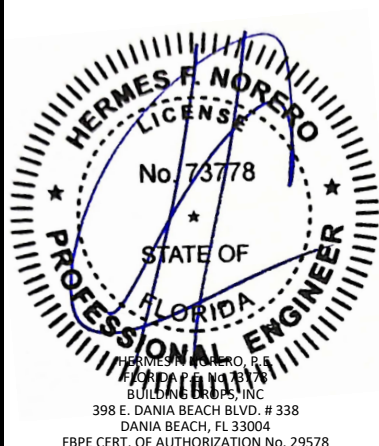
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