

KAWNEER COMPANY

1600 SYSTEM 1 CURTAIN WALL

(NON-HVHZ)(NON-IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBERS OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITH OUT CONSIDERATION OF TOLERANCE). TOLERANCE ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- REFER TO SECTION 6 FOR ANCHOR TYPE, SUBSTRATE STRENGTH, EMBEDMENT, & EDGE DISTANCE REQUIREMENTS. FOLLOW MANUFACTURER INSTALLATION INSTRUCTIONS FOR INSTALLATION OF ANCHORS.
- 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.
- 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. ADHESIVE ANCHORS MUST BE INSTALLED BY PERSONNEL CERTIFIED FOR THE SPECIFIED ANCHOR INSTALLATION.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- | | |
|--------|---|
| 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 SECTION 5 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE. |
| STEP 3 | CHECK MULLION CAPACITY FOR A GIVEN SPACING, HEIGHT, SINGLE SPAN, TWIN SPAN, MULTIPLE SPANS AND CORNERS ON SECTION 4. |
| STEP 4 | USING HEAD/SILL ANCHOR DETAILS, SELECT ANCHOR OPTION FROM TABLES ON SECTION 6 WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE. |
| STEP 5 | THE LOWEST VALUE RESULTING FROM STEPS 2, 3, 4 AND 5 SHALL APPLY TO ENTIRE SYSTEM. |

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE, EXCLUDING REQUIREMENTS FOR HVHZ.
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY , 2X AND STEEL 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.
- 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND THE 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 CONDITION CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN , A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- THIS PRODUCT **DOES** REQUIRE IMPACT PROTECTIVE DEVICES.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE.

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6	F & T ANCHOR DETAILS
7	COMPONENTS & BILL OF MATERIALS



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(NON-HVHZ)(NON-IMPACT)

GENERAL & INSTALLATION NOTES

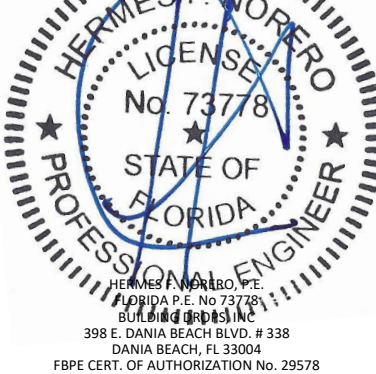
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)999-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Reason: I am approving this document
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FL11490

DATE: 07.10.20

DWG. BY: E.R. CHK. BY: HFN

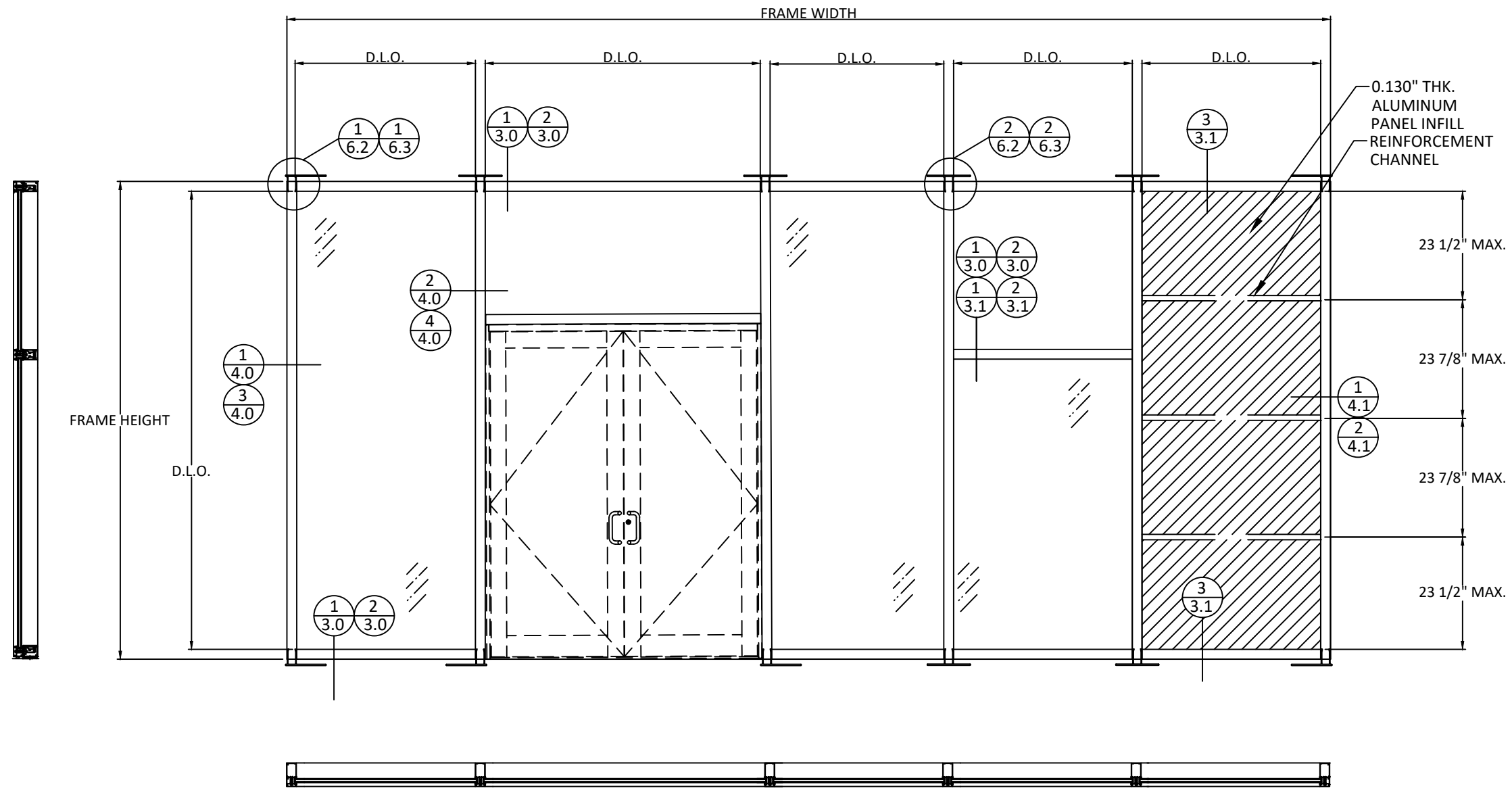
SCALE: NTS

DWG. #: KAW001

SECTION:

1.0

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TYPICAL ELEVATION



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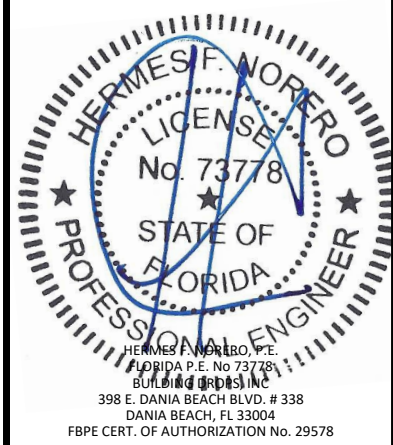
TITLE:
1600 SYSTEM 1 CURTAIN WALL
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ELEVATION

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DANIA BEACH, FL 33004
PH: (954) 999-8478
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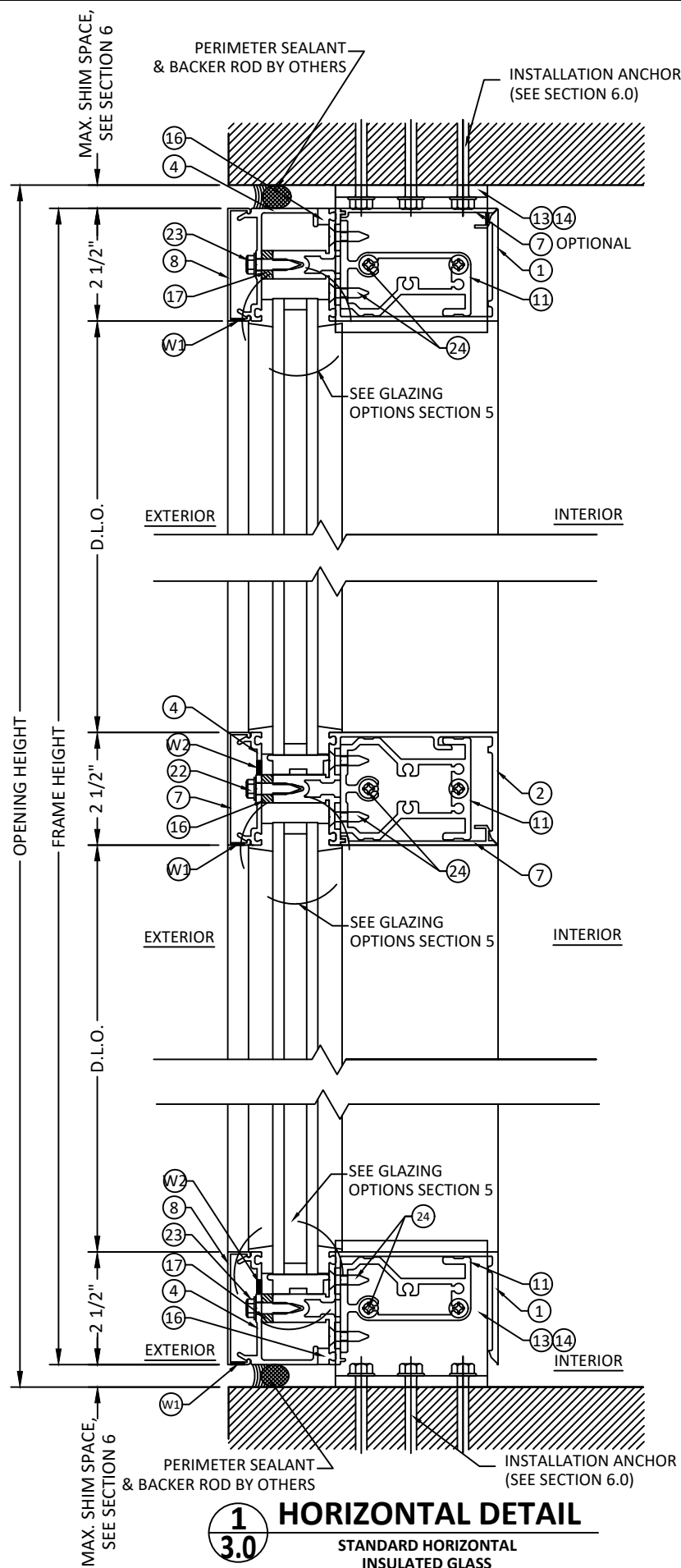
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DWG. #: **KAW001**

SECTION:
2.0

SHEET 2 OF 17

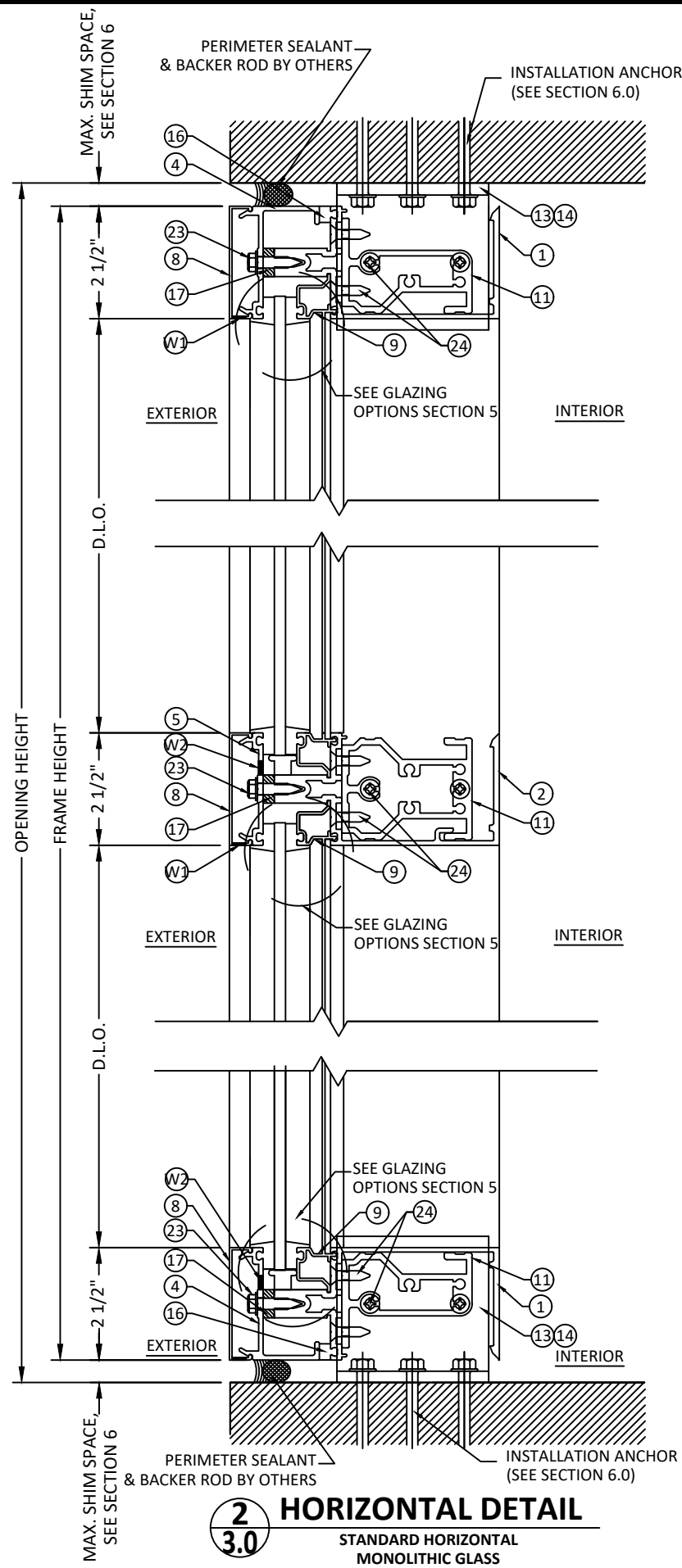
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HORIZONTAL DETAILS

NOTE:
FILLER #7 IS OPTIONAL.
OPTIONAL ORIENTATION OF HORIZONTAL
#2 REVERSE VERTICALLY.

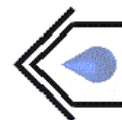
WEEPHOLES:
PRESSURE PLATES = 5/16" DIA. WEEP HOLES AT 20" O.C.
COVERS = 5/16" DIA. WEEP HOLES LOCATED AT 1/4 POINTS



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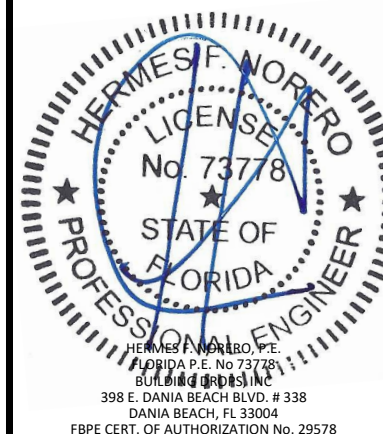
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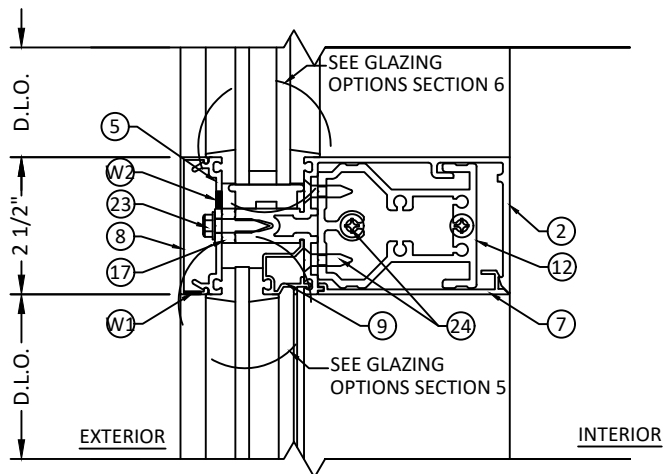
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3.0

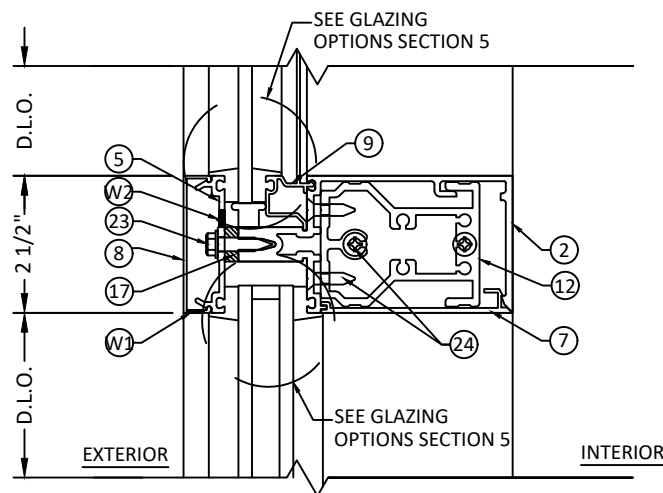
SHEET 3 OF 17

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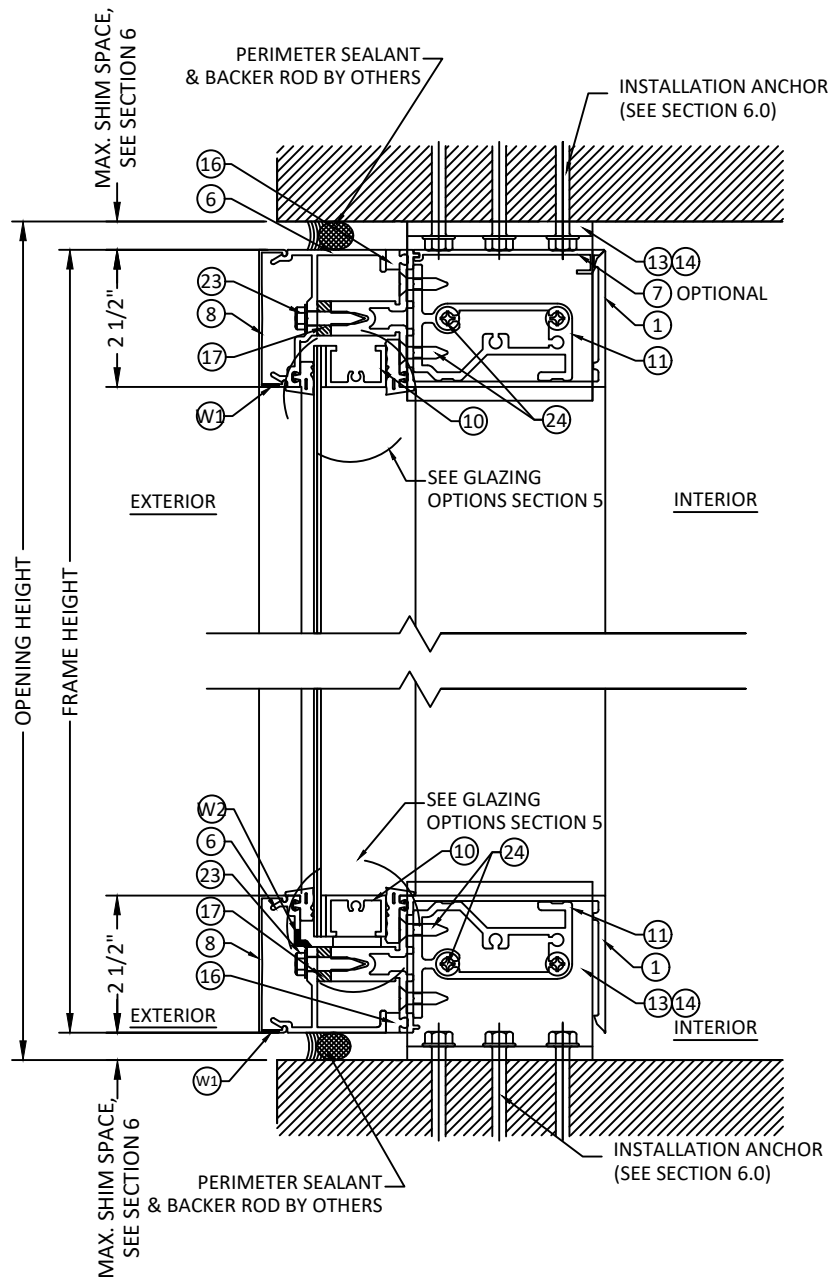
HORIZONTAL DETAILS



1
3.1 HORIZONTAL DETAIL
STANDARD HORIZONTAL
INSULATED/MONOLITHIC GLASS



2
3.1 HORIZONTAL DETAIL
STANDARD HORIZONTAL
INSULATED/MONOLITHIC GLASS



3
3.1 HORIZONTAL DETAIL
STANDARD HORIZONTAL
IN-FILL ALUMINUM PANEL

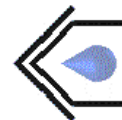


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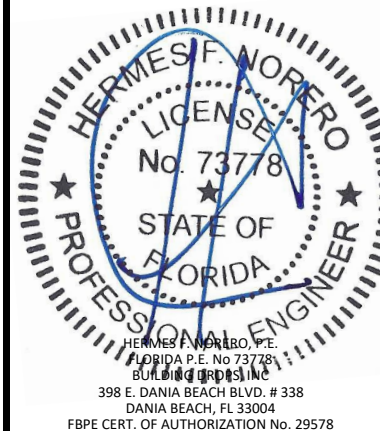
HORIZONTAL DETAILS

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DANIA BEACH, FL 33004
PH: (954) 399-8478
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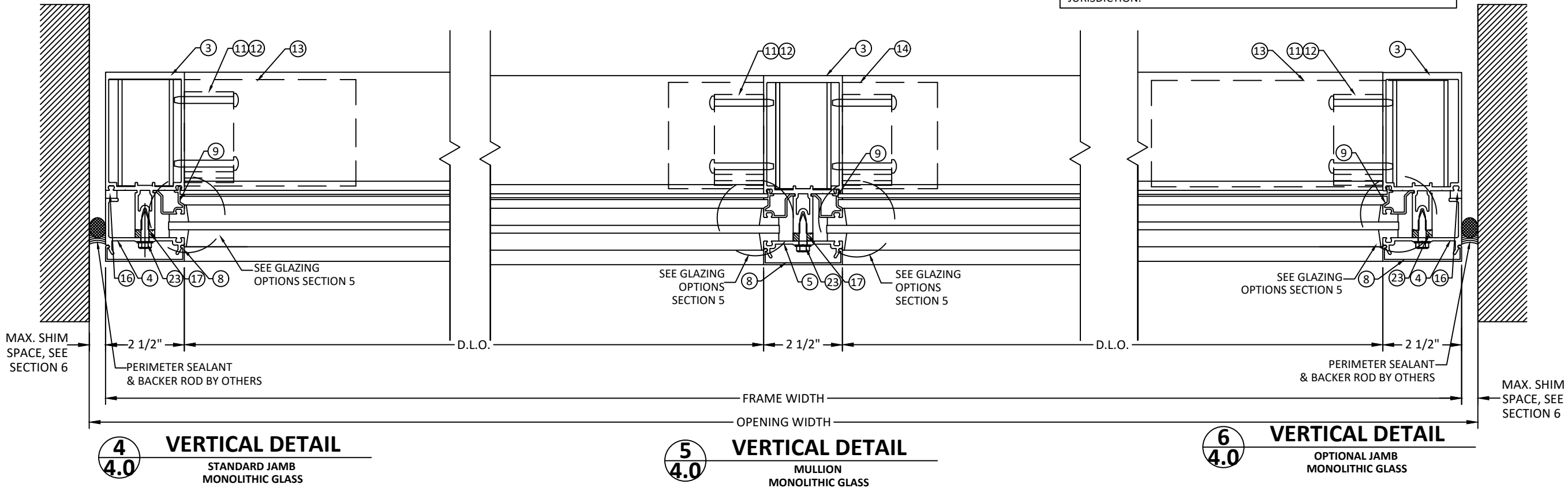
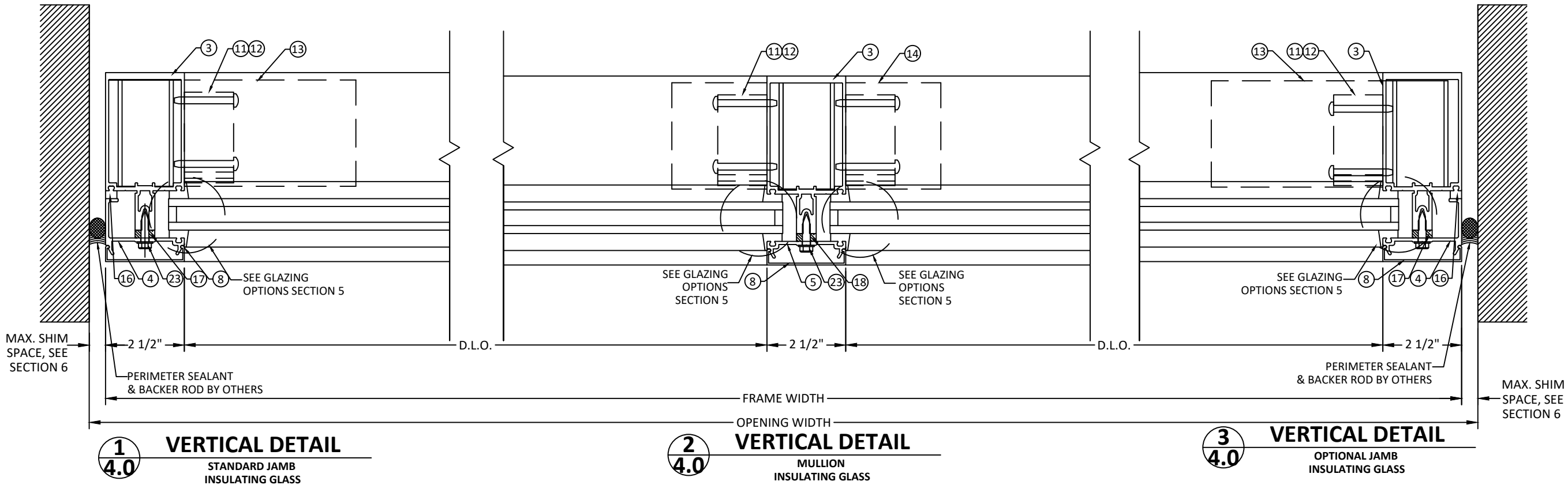
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3.1

SHEET 4 OF 17

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VERTICAL MULLION DETAILS

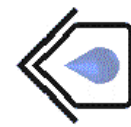


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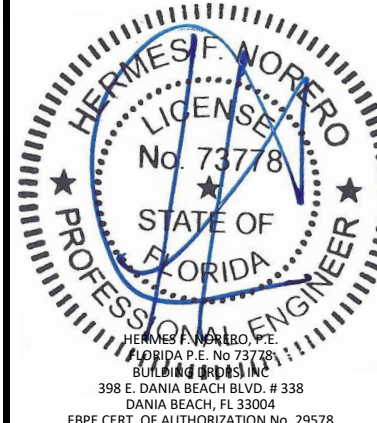
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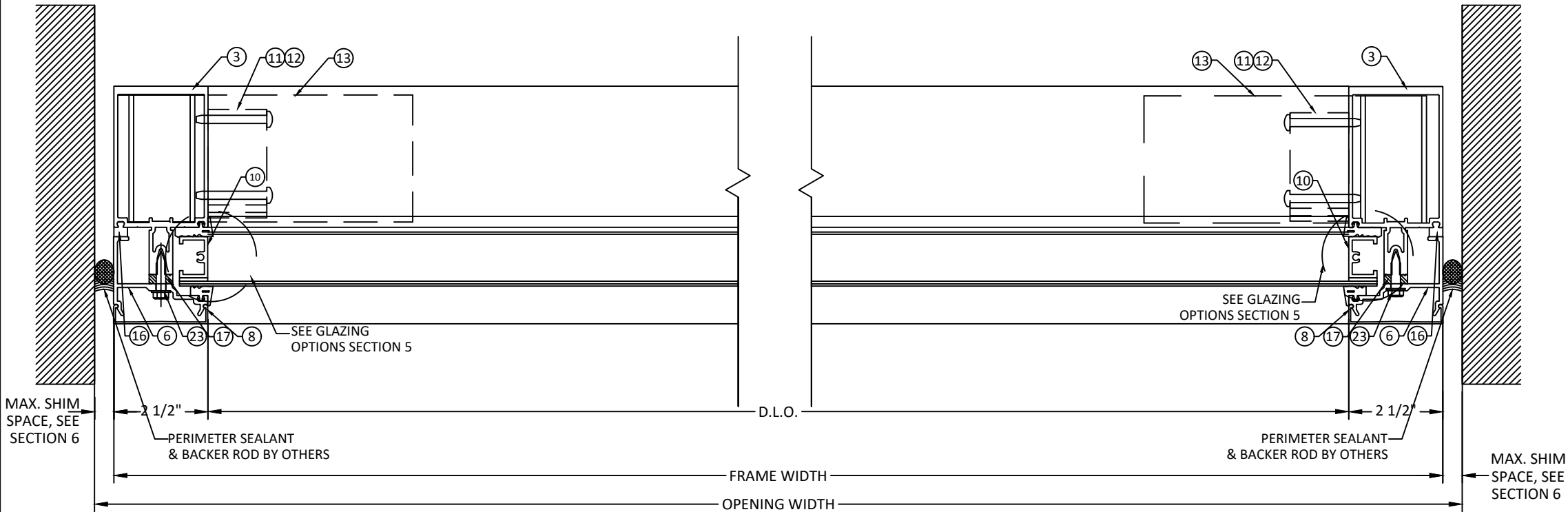
DWG. #: **KAW001**

SECTION: **4.0**

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1
4.1

VERTICAL DETAIL
HEAVY MULLION JAMB
IN-FILL ALUMINUM PANEL

2
4.1

VERTICAL DETAIL
HEAVY MULLION JAMB
IN-FILL ALUMINUM PANEL

NOTE:
JOINT AT JAMBS IS NON-STRUCTURAL AND SHALL BE SUFFICIENT TO PROVIDE PROPER WEATHERPROOFING. SEALANT JOINT SIZE MAY VARY IN ACCORDANCE WITH SEALANT MANUFACTURER'S GUIDELINES AND RECOMMENDATION AND SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

MAX. DESIGN LOAD- PSF	MIN. GAP	MAX. GAP
90	1/4"	1"



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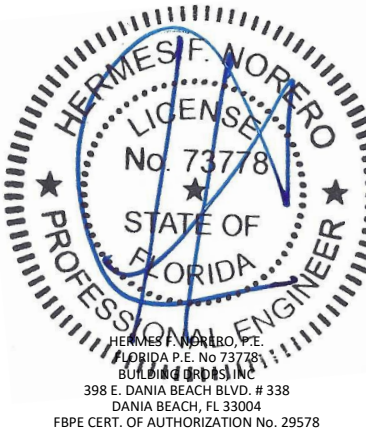
TITLE:
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VERTICAL MULLION DETAILS

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DWG. #: **KAW001**

SECTION:
4.1

SHEET 6 OF 17

STANDARD MULLION CAPACITY CHARTS

NOTES

- DESIGN PRESSURES ARE LIMITED BY THE MULLION FIBERSTRESS AND DEFLECTION CAPACITY PER FBC CURRENT SPECIFICATIONS FOR HVHZ
- SELECT DESIGN PRESSURE AND PANEL WIDTH (W) AND OBTAIN THE MAXIMUM ALLOWABLE DESIGN PRESSURE FOR MULLION.
- FOR HORIZONTAL MULLIONS CAPACITY, SEE HORIZONTAL MULLION CHART.
- WHEN PANEL WIDTHS ARE NOT EQUAL, USE THE AVERAGE WIDTH ON THE CHART.

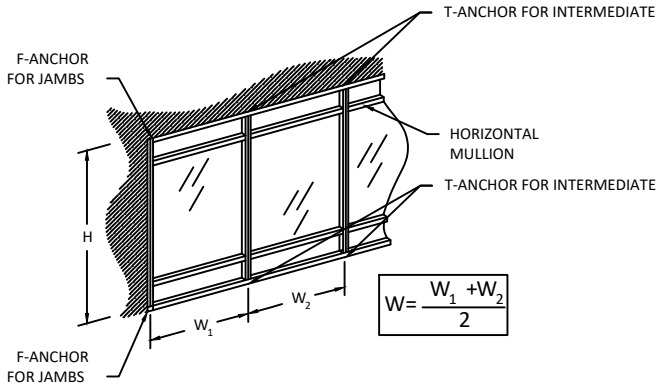
STANDARD DUTY HORIZONTAL MULLIONS (+/- PSF)		
WIDTH, W (in)	Ext. (+)	
'Span'	Int. (-)	
63	90	

* NOTE:

- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
- D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

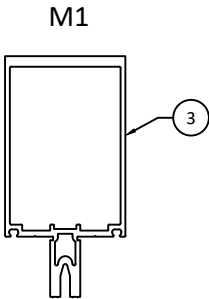
VERTICAL MEMBER SINGLE SPAN NOTES:

- DETAILS HAVE BEEN SHOWN FOR ILLUSTRATIVE PURPOSES. FOR DETAILS OF FULL ASSEMBLY PLEASE REFER TO APPLICABLE DETAILS ON SECTION 3 & 4.
- TABULATED DESIGN PRESSURE VALUES ARE BASED ON LIMITATIONS OF DEFLECTION, FIBERSTRESS, & END REACTION PER MULLION SPAN ('L') AND MULLION SPACING ('W').
- FOR SITE CONDITIONS WHICH EXCEED LIMITATIONS SHOWN, FURTHER ENGINEERING MAY BE REQUIRED ON A CASE BY CASE BASIS.
- FOR T OR F CLIP ANCHORS, PLEASE REFER TO SECTION 6 FOR ANCHOR SELECTION, SUBSTRATE REQUIREMENTS, AND FURTHER LIMITATIONS OF USE.

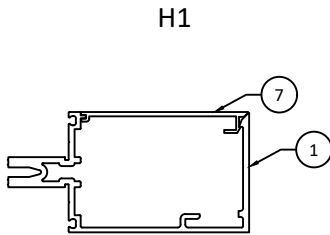


SINGLE SPAN

REINFORCING LENGTH = FRAME HEIGHT - 12 IN.



HEAVY MULLION
(162002)



OPEN BACK HORIZONTAL
(162090)



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MULLION CAPACITY CHART

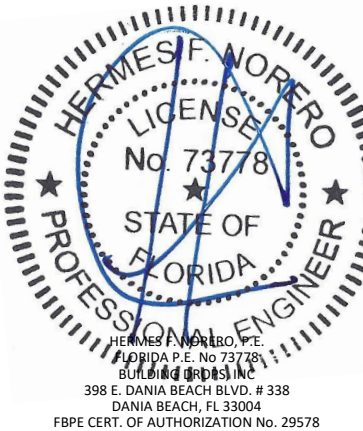
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SECTION:

4.2

SHEET 7 OF 17

STANDARD MULLION CAPACITY CHARTS

DESIGN PRESSURE TABLE: HORIZONTAL MULLION CAPACITY			DESIGN PRESSURE TABLE: VERTICAL MULLION CAPACITY - SINGLE SPAN		
SPAN WIDTH 'W' (IN)	BAY HEIGHT 'H' (IN)	MULLION H1 (+/- PSF)	TRIBUTARY WIDTH 'W' (IN)	SPAN HEIGHT 'H' (IN)	MULLION M1 (+/- PSF)
42	36	90.0	42	36	90.0
	48	90.0	48		90.0
	60	90.0	54		90.0
	72	90.0	60		90.0
	84	90.0	66		90.0
	96	72.0	72		90.0
	108	51.3	78		90.0
	120	37.9	84		90.0
	128	31.4	42	48	90.0
48	36	90.0	48		90.0
	48	90.0	54		90.0
	60	90.0	60		90.0
	72	90.0	66		90.0
	84	81.5	72		90.0
	96	62.0	78		90.0
54	108	44.2	84		90.0
	36	90.0	42	60	90.0
	48	90.0	48		90.0
	60	90.0	54		90.0
	72	90.0	60		90.0
	84	71.2	66		90.0
	96	54.3	72		90.0
60	36	90.0	78	72	90.0
	48	90.0	84		90.0
	60	90.0	42		90.0
	72	84.1	48		90.0
	84	63.0	54		90.0
66	36	90.0	60		90.0
	48	90.0	66		90.0
	60	90.0	72		90.0



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SECTION:
4.3

SHEET 8 OF 17

STANDARD MULLION CAPACITY CHARTS

DESIGN PRESSURE TABLE: HORIZONTAL MULLION CAPACITY			DESIGN PRESSURE TABLE: VERTICAL MULLION CAPACITY - SINGLE SPAN		
SPAN WIDTH 'W' (IN)	BAY HEIGHT 'H' (IN)	MULLION H1 (+/- PSF)	TRIBUTARY WIDTH 'W' (IN)	SPAN HEIGHT 'H' (IN)	MULLION M1 (+/- PSF)
66	72	75.8	42	84	90.0
72	36	90.0	48		90.0
	48	90.0	54		90.0
	60	90.0	60		90.0
	72	69.2	42	96	90.0
78	36	90.0	48		90.0
	48	90.0	54		90.0
	60	90.0	42		82.9
	36	90.0	48	108	75.1
84	48	90.0	42		59.0
	60	85.4	42		48.0



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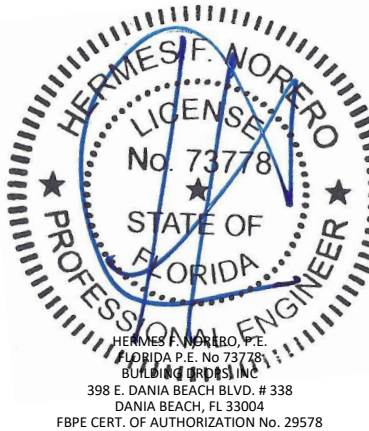
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FL #:
FL11490

DATE: **07.10.20**

DWG. BY: E.R.	CHK. BY: HFN
-------------------------	------------------------

SCALE: **NTS**

DWG. #: **KAW001**

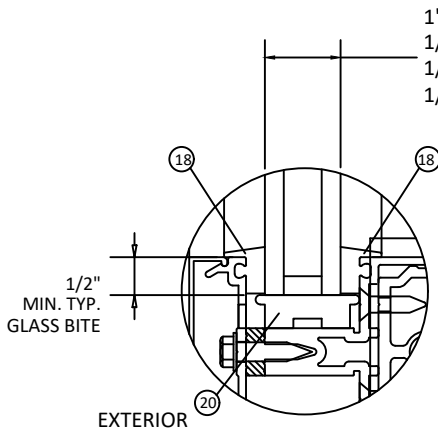
SECTION:
4.4

SHEET 9 OF 17

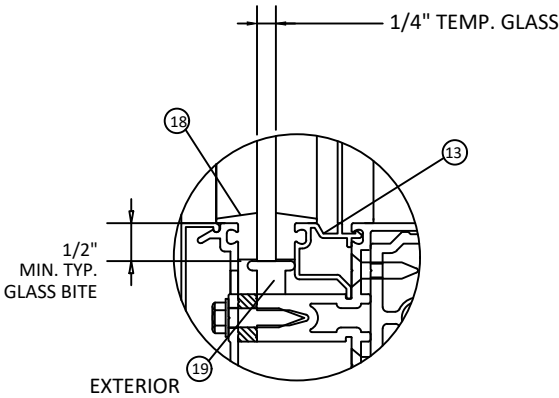
MONOLITHIC AND INSULATING NON IMPACT GLASS OPTIONS

NOTES:

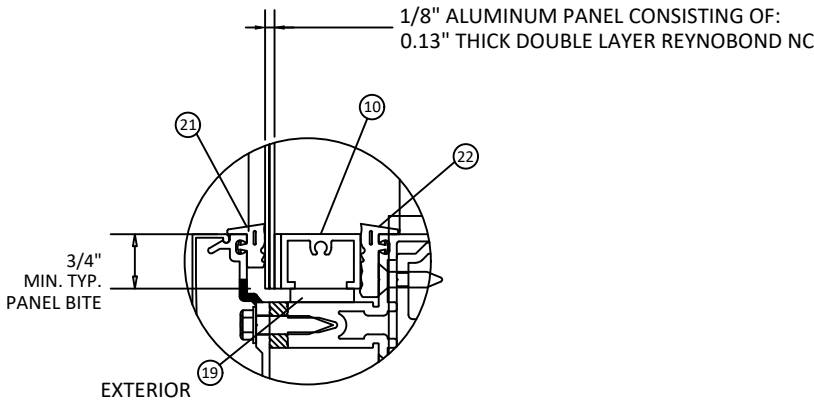
1. CHART VALUES PROVIDE MAXIMUM DESIGN PRESSURES ACCORDING TO ASTM E1300 FOR GIVEN GLASS DIMENSIONS 'a' AND 'b' ($a \geq b$), AND CH. 17 OF THE FBC FOR SIZES OTHER THAN TESTED
2. DO NOT EXCEED MULLION CAPACITY SELECTED OR ANCHOR CAPACITY IN DESIGN PRESSURE CHARTS



TYPE 'A'



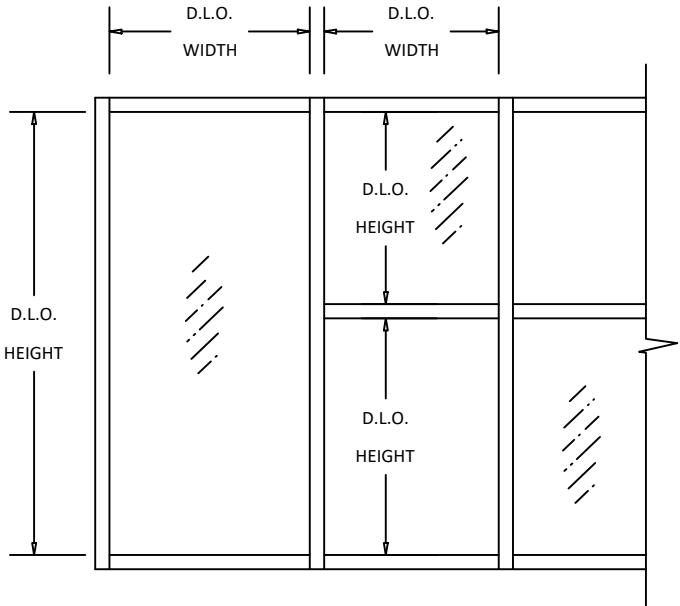
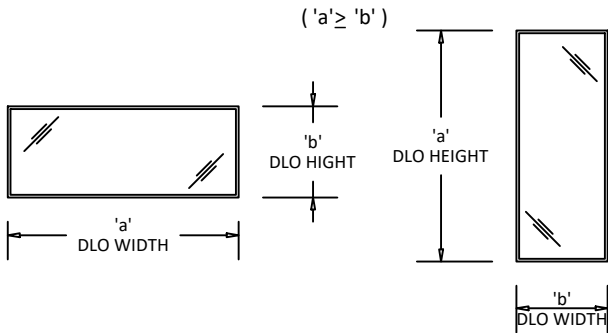
TYPE 'B'



TYPE 'C'

- * NOTE:
1. GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
 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 IN GLASS CHARTS FOR GLASS TYPE.

PANEL DIMENSIONS

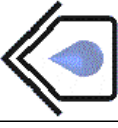


555 GUTHRIDGE CT
NORCROSS, GA 30092
PH: (770) 840-6431

TITLE:
1600 SYSTEM 1 CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)

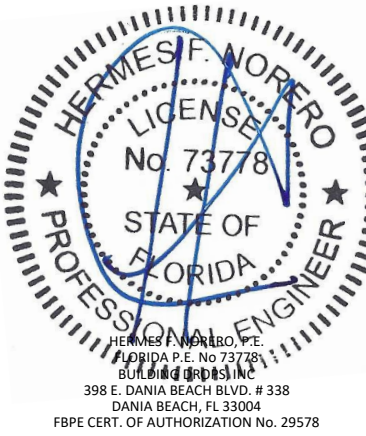
GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
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REMARKS	BY	DATE

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FL #:

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DATE:

07.10.20

DWG. BY:

E.R.

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

KAW001

SECTION:

5.0

SHEET 10 OF 17

GLASS LOAD CAPACITY

DESIGN PRESSURE TABLE: GLAZING CAPACITY BY TYPE			
D.L.O. WIDTH (IN)	D.L.O. HEIGHT (IN)	DESIGN PRESSURE (+/- PSF)	DESIGN PRESSURE (+/- PSF)
		TYPE 'A' & 'B'	TYPE 'C'
42	36	90.0	80.0
	48	90.0	80.0
	60	90.0	80.0
	72	90.0	80.0
	84	90.0	80.0
	96	90.0	80.0
	108	-	80.0
	120	-	80.0
	128	-	80.0
48	36	90.0	80.0
	48	85.3	80.0
	60	85.3	80.0
	72	85.3	80.0
	84	85.3	80.0
	96	-	80.0
	108	-	80.0
54	36	90.0	80.0
	48	85.3	80.0
	60	75.8	80.0
	72	75.8	80.0
	84	-	80.0
	96	-	80.0

DESIGN PRESSURE TABLE: GLAZING CAPACITY BY TYPE			
D.L.O. WIDTH (IN)	D.L.O. HEIGHT (IN)	DESIGN PRESSURE (+/- PSF)	DESIGN PRESSURE (+/- PSF)
		TYPE 'A' & 'B'	TYPE 'C'
60	36	90.0	80.0
	48	85.3	80.0
	60	68.3	76.7
	72	-	76.7
	84	-	76.7
66	36	90.0	80.0
	48	85.3	80.0
	60	68.3	76.7
	72	-	69.7
72	36	90.0	80.0
	48	85.3	80.0
	60	-	76.7
	72	-	63.9
78	36	90.0	80.0
	48	85.3	80.0
	60	-	76.7
84	36	90.0	80.0
	48	85.3	80.0
	60	-	76.7



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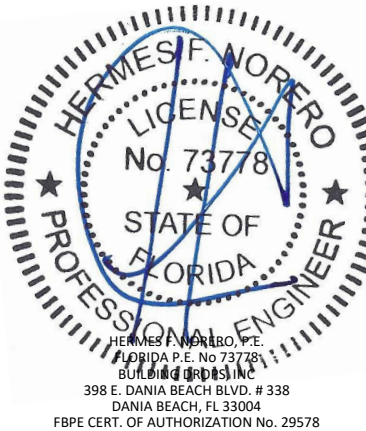
TITLE:
1600 SYSTEM 1 CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)
GLASS CAPACITY CHART

PREPARED BY:
BUILDING DROPS, INC.
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REMARKS	BY	DATE

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FL #:
FL11490

DATE: **07.10.20**

DWG. BY: **E.R.** | CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **KAW001**

SECTION:
5.1

SHEET 11 OF 17

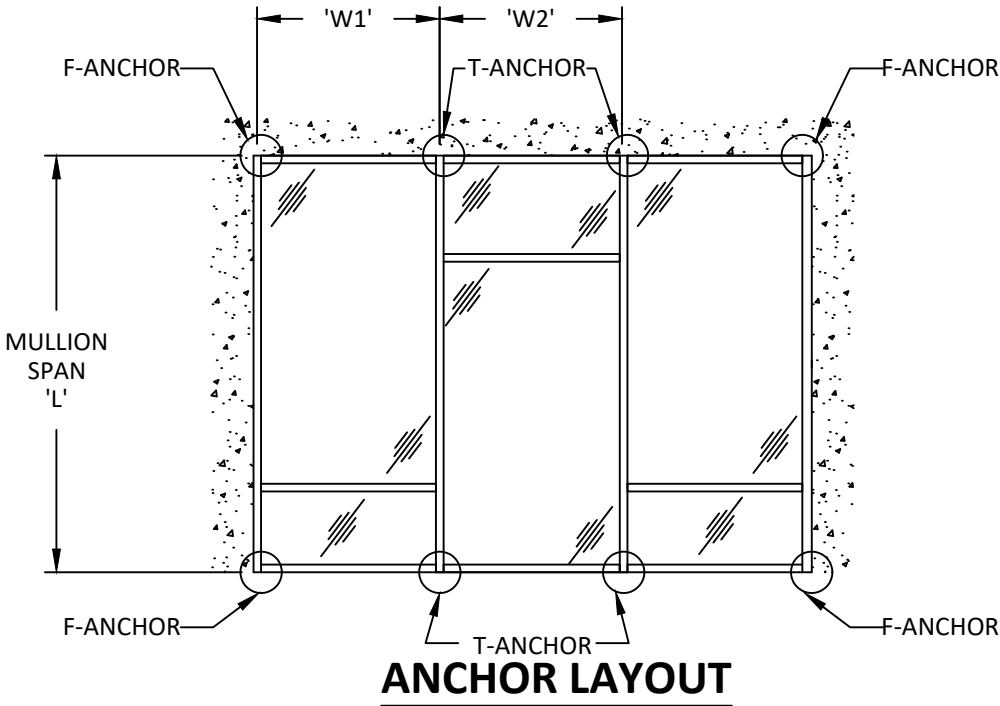
F & T ANCHOR TYPES

TYPE	DIAMETER	ANCHOR TYPE	SUBSTRATE	MINIMUM EDGE DISTANCE	MINIMUM EMBEDMENT
A	3/8"	SS LAG SCREW	WOOD (MIN SG. = 0.55)	3/4"	3"
B	1/4"	TAPCON	MIN. 3000 PSI CONCRETE 'CRACKED OR UNCRAKED'	2 1/2"	1 1/4"
C	1/4"	GR. 5 SMS OR SELF-DRILLING SCREW	MIN. 16 GA. 50 KSI METAL STUD, MIN. 1/8" THICK A36 STEEL OR ALUM. 6063-T5	1/2"	MIN. 3 THREADS PENETRATION BEYOND STEEL OR ALUM. STRUCTURE

MULLION SPACING OR BAY WIDTH, 'W', FOR T-ANCHORS	$W = \frac{W1 + W2}{2}$
MULLION SPACING OR BAY WIDTH, 'W', FOR F-ANCHORS AT JAMBS	$W = \frac{W1}{2}$
MULLION SPACING OR BAY WIDTH, 'W', FOR F-ANCHORS AT VERTICAL MULL WITH DOORS	$*W = \frac{W1 + W2}{2}$

*REFER TO SECTION 4.2 FOR ILLUSTRATION
OF DETERMINING MAX. TRIBUTARY WIDTH

- NOTE:
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - REFER TO ANCHOR LAYOUTS AT RIGHT FOR LOCATIONS AND DETERMINING MAX. LENGTHS (L) AND TRIBUTARY WIDTHS (W).
 - FOR SITE CONDITIONS NOT SHOWN IN THE DETAILS HEREIN OR EDGE DISTANCE REQUIREMENTS TO BE MODIFIED, ANCHORS MAY BE ENGINEERED ON A SITE SPECIFIC BASIS.
 - REFER TO SECTION 6.2 & 6.3 DETAILS FOR ANCHOR CONFIGURATIONS.
 - REFER TO SECTION 6.1 DETAILS FOR T & F ANCHOR TYPE CAPACITIES.



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TITLE:
1600 SYSTEM 1 CURTAIN WALL
(NON-HVHZ)(NON-IMPACT)

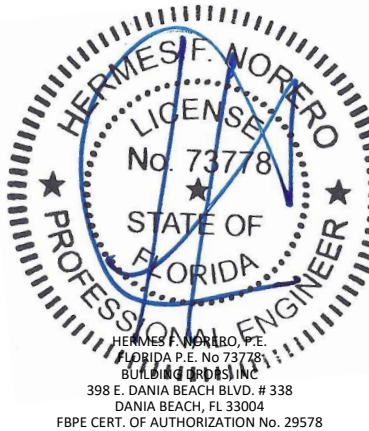
F & T ANCHOR TYPES

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FL #:
FL11490

DATE: 07.10.20

DWG. BY: E.R. CHK. BY: HFN

SCALE: NTS

DWG. #: KAW001

SECTION:

6.0

F & T ANCHOR CAPACITIES

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)							
MAX. AVG. WIDTH 'W' (IN)	MAX. SPAN HEIGHT 'H' (IN)	ANCHOR TYPE 'A4' WITH 3/4 IN SHIM SPACE	ANCHOR TYPE 'A6' WITH 1 IN SHIM SPACE	ANCHOR TYPE 'B4' WITH 3/4 IN SHIM SPACE	ANCHOR TYPE 'B6' WITH 1 IN SHIM SPACE	ANCHOR TYPE 'D4' WITH 3/4 IN SHIM SPACE	ANCHOR TYPE 'D6' WITH 1 IN SHIM SPACE
42	36	70.0	90.0	70.0	90.0	70.0	90.0
48		70.0	90.0	70.0	90.0	70.0	90.0
54		70.0	90.0	70.0	90.0	70.0	90.0
60		70.0	90.0	70.0	90.0	70.0	90.0
66		70.0	90.0	70.0	90.0	70.0	90.0
72		70.0	90.0	70.0	90.0	70.0	90.0
78		70.0	90.0	70.0	90.0	70.0	90.0
84		70.0	90.0	70.0	90.0	70.0	90.0
42	48	70.0	90.0	70.0	90.0	70.0	90.0
48		70.0	90.0	70.0	90.0	70.0	90.0
54		70.0	90.0	70.0	90.0	70.0	90.0
60		70.0	90.0	70.0	90.0	70.0	90.0
66		70.0	90.0	70.0	90.0	70.0	90.0
72		70.0	90.0	70.0	90.0	70.0	90.0
78		70.0	90.0	70.0	90.0	70.0	90.0
84		70.0	90.0	70.0	90.0	70.0	90.0
42	60	70.0	90.0	70.0	90.0	70.0	90.0
48		70.0	90.0	70.0	90.0	70.0	90.0
54		70.0	90.0	70.0	90.0	70.0	90.0
60		70.0	90.0	70.0	90.0	70.0	90.0
66		70.0	90.0	70.0	90.0	70.0	90.0
72		70.0	90.0	70.0	90.0	70.0	90.0
78		70.0	90.0	70.0	90.0	70.0	90.0
84		70.0	90.0	70.0	90.0	70.0	90.0

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)							
MAX. AVG. WIDTH 'W' (IN)	MAX. SPAN HEIGHT 'H' (IN)	ANCHOR TYPE 'A4' WITH 3/4 IN SHIM SPACE	ANCHOR TYPE 'A6' WITH 1 IN SHIM SPACE	ANCHOR TYPE 'B4' WITH 3/4 IN SHIM SPACE	ANCHOR TYPE 'B6' WITH 1 IN SHIM SPACE	ANCHOR TYPE 'D4' WITH 3/4 IN SHIM SPACE	ANCHOR TYPE 'D6' WITH 1 IN SHIM SPACE
42	72	70.0	90.0	70.0	90.0	70.0	90.0
48		70.0	90.0	70.0	90.0	70.0	90.0
54		70.0	90.0	70.0	90.0	70.0	90.0
60		70.0	90.0	70.0	90.0	70.0	90.0
66		70.0	90.0	70.0	90.0	70.0	90.0
72		70.0	90.0	70.0	86.7	70.0	83.4
42	84	70.0	90.0	70.0	90.0	70.0	90.0
48		70.0	90.0	70.0	90.0	70.0	90.0
54		70.0	90.0	70.0	90.0	70.0	90.0
60	96	70.0	90.0	70.0	89.1	70.0	85.7
42		70.0	90.0	70.0	90.0	70.0	90.0
48		70.0	90.0	70.0	90.0	70.0	90.0
54	108	70.0	90.0	70.0	86.7	70.0	83.4
42		70.0	90.0	70.0	90.0	70.0	90.0
48	120	70.0	90.0	70.0	86.7	70.0	83.4
42		70.0	90.0	70.0	89.1	70.0	85.7
42	128	70.0	90.0	70.0	83.6	69.3	80.4

NOTE:

IN TABLE TITLE, "ANCHOR TYPE" FOLLOWED BY FOUR (4), REPRESENTS FOUR (4) ANCHORS PER CLIP.

"ANCHOR TYPE" FOLLOWED BY SIX (6), REPRESENTS SIX (6) ANCHORS PER CLIP.



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TITLE:
1600 SYSTEM 1 CURTAIN WALL
(NON-HVHZ)(NON-IMPACT)

F, & T ANCHOR CAPACITIES

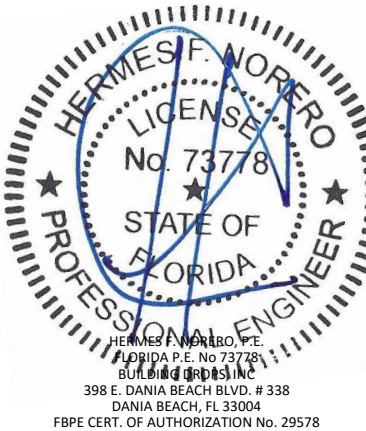
PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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FL11490

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DWG. BY: **E.R.** CHK. BY: **HFN**

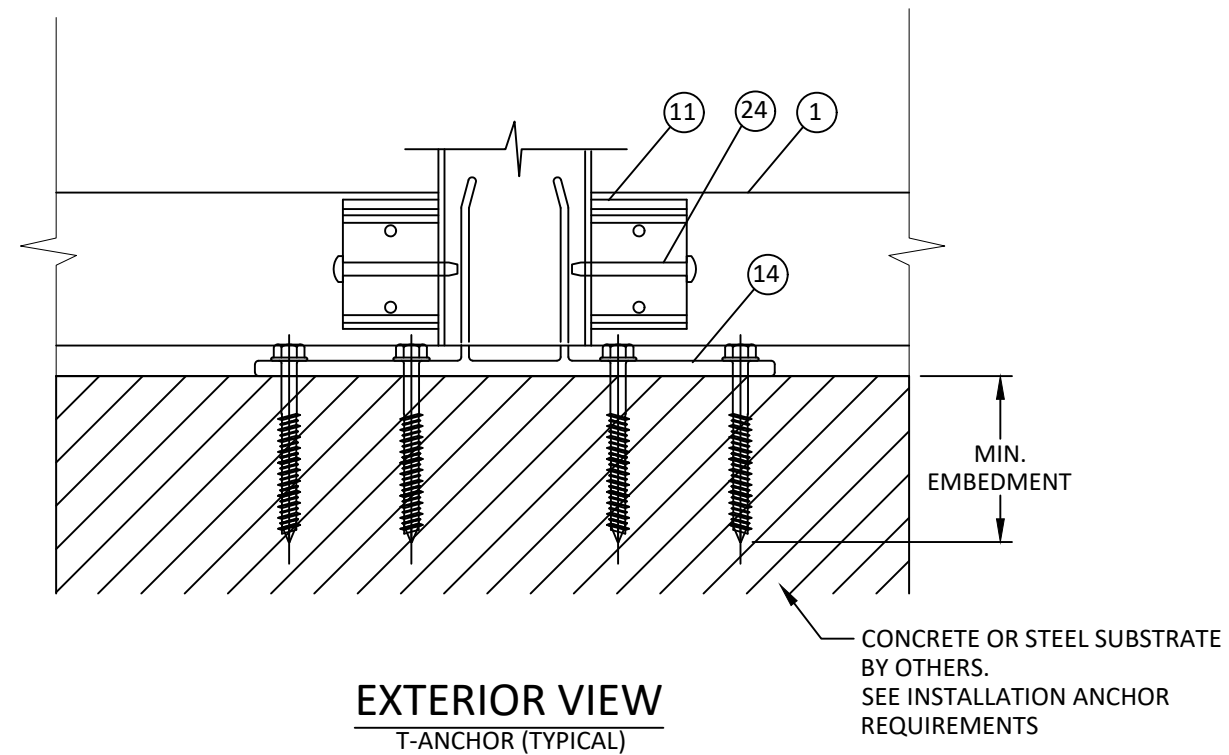
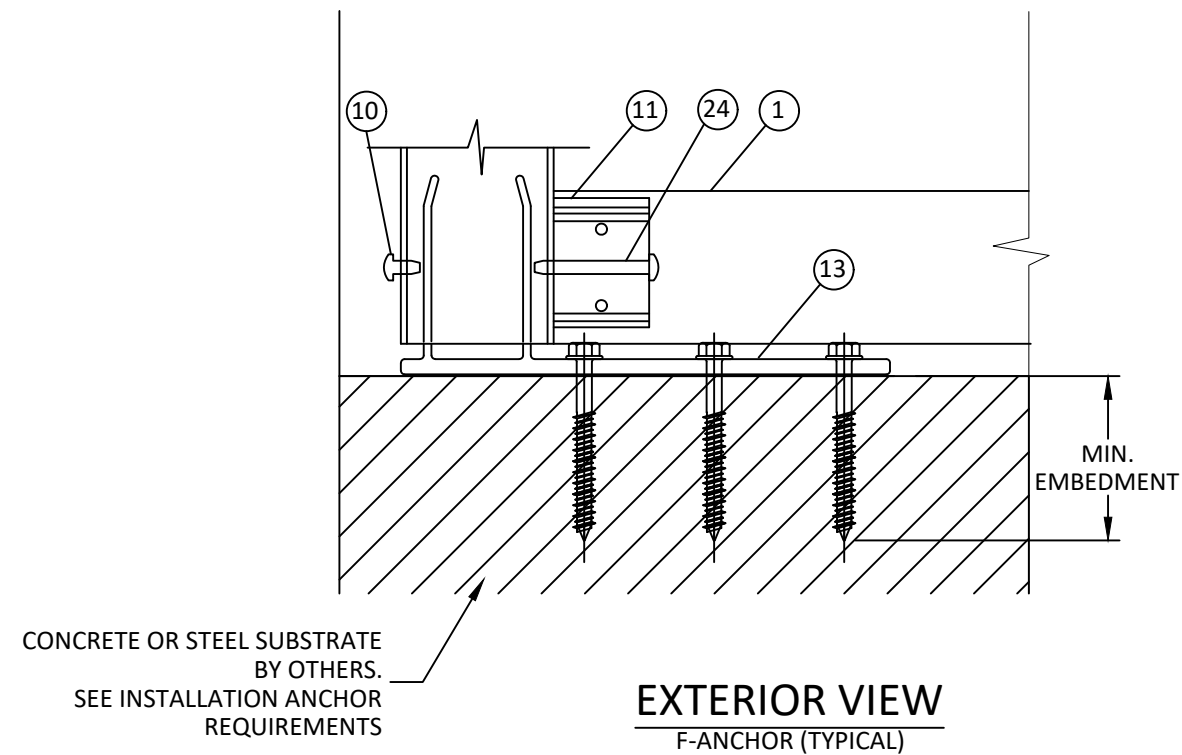
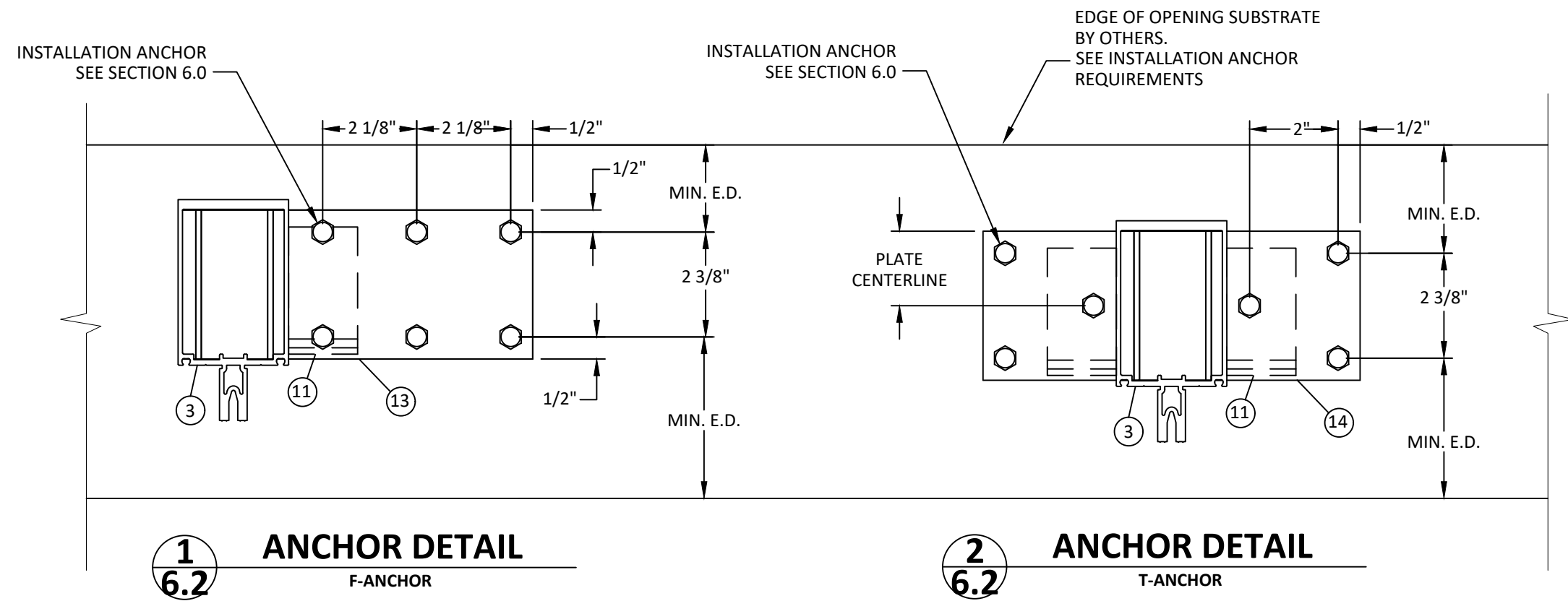
SCALE: **NTS**

DWG. #: **KAW001**

SECTION:
6.1

SHEET 13 OF 17

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10/19/2020 1:10 PM



555 GUTHRIDGE CT
NORCROSS, GA 30092
PH: (770) 840-6431

TITLE:
1600 SYSTEM 1 CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)

ANCHORS

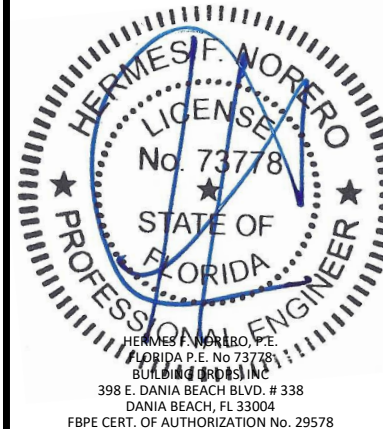
PREPARED BY:

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FL #:
FL11490

DATE: **07.10.20**

DWG. BY: **E.R.** CHK. BY: **HFN**

SCALE: **NTS**

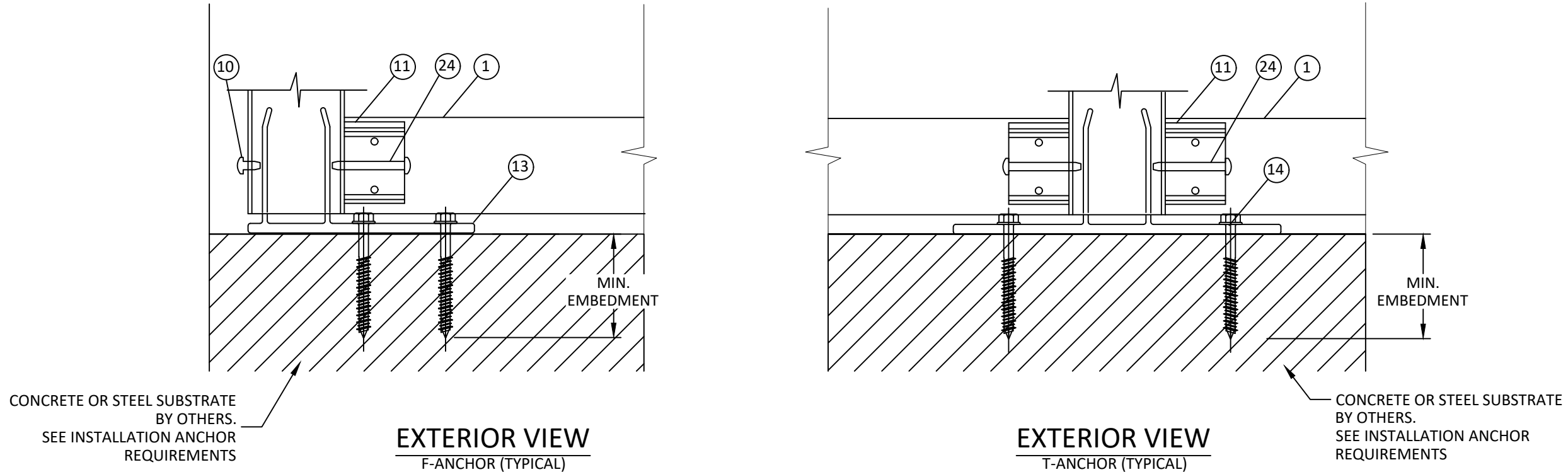
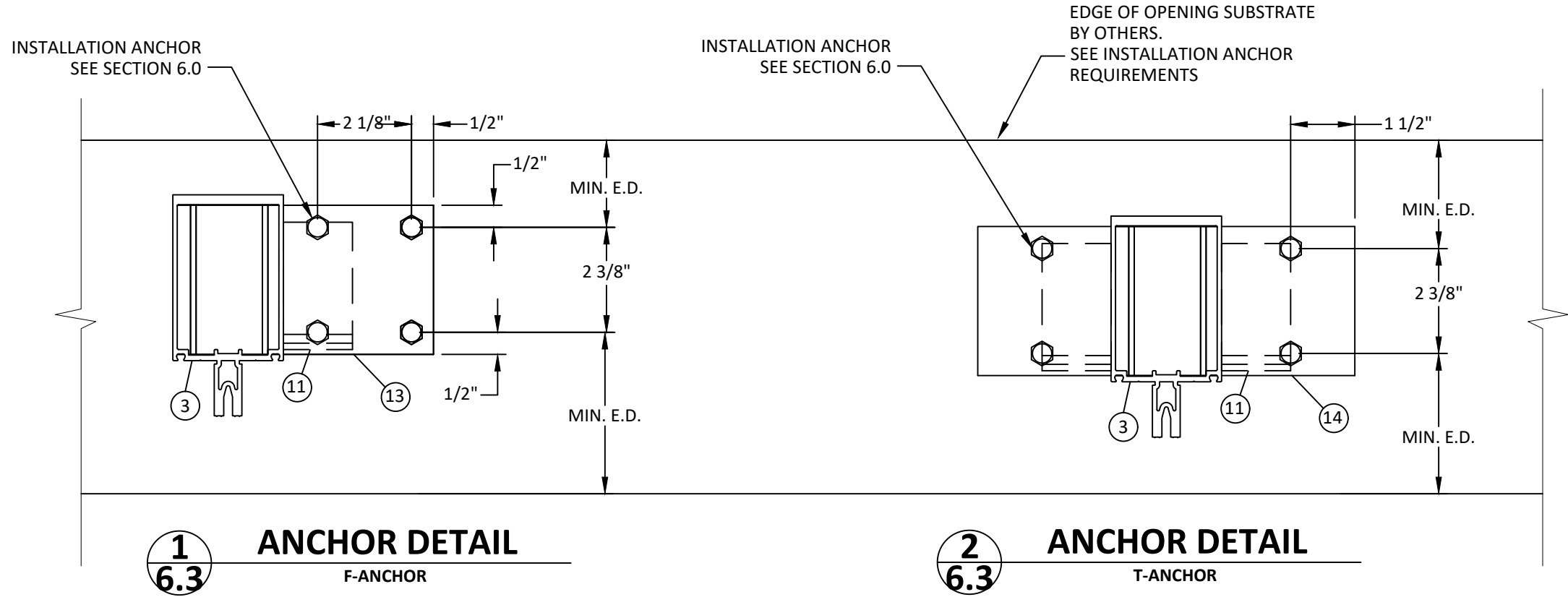
DWG. #: **KAW001**

SECTION:

6.2

SHEET 14 OF 17

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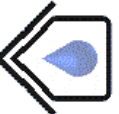


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TITLE:
1600 SYSTEM 1 CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)

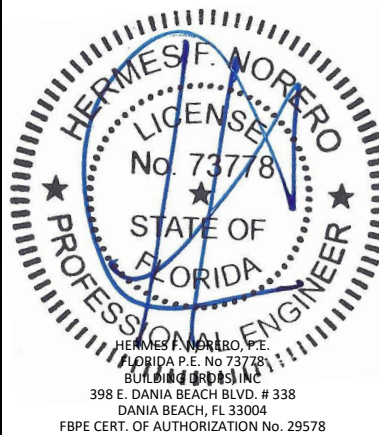
ANCHORS

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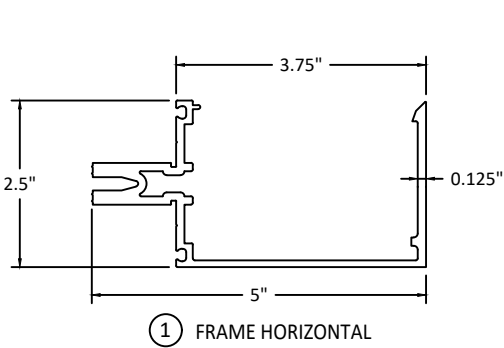
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DWG. #: **KAW001**

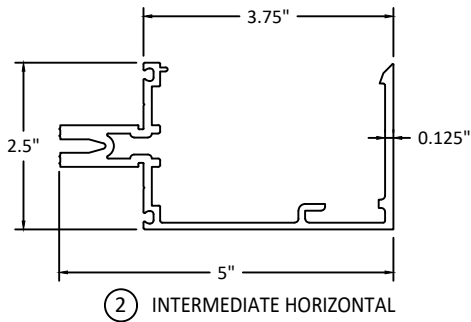
SECTION:
6.3

SHEET 15 OF 17

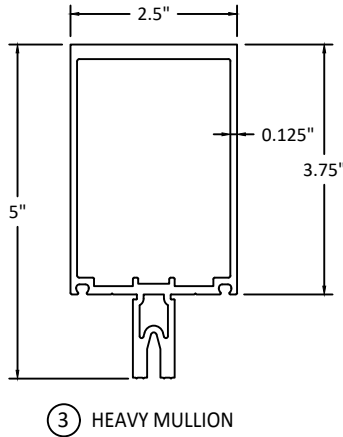
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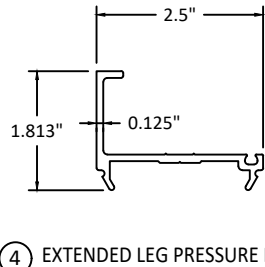
① FRAME HORIZONTAL



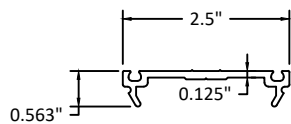
② INTERMEDIATE HORIZONTAL



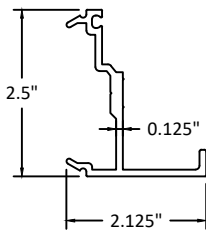
③ HEAVY MULLION



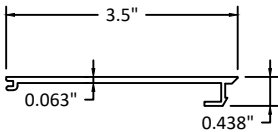
④ EXTENDED LEG PRESSURE PLATE



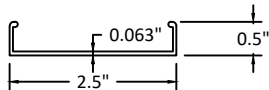
⑤ PRESSURE PLATE



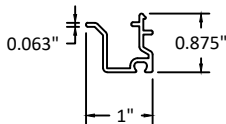
⑥ OFFSET PRESSURE PLATE



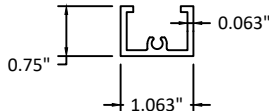
⑦ FILLER



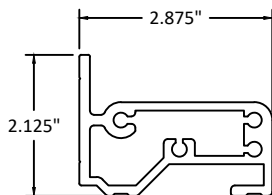
⑧ SNAP COVER



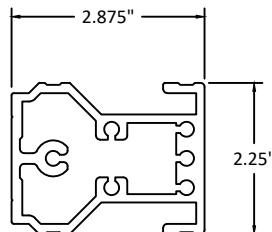
⑨ 1/4" GLAZING ADAPTER



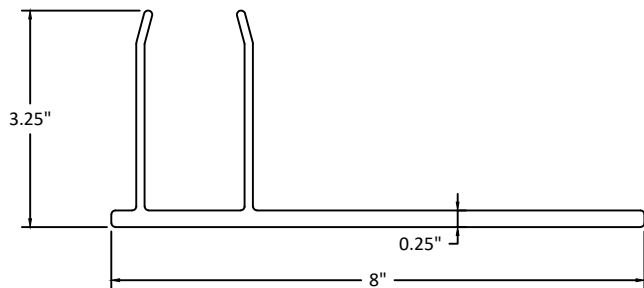
⑩ IN-FILL PANEL PERIMETER CHANNEL



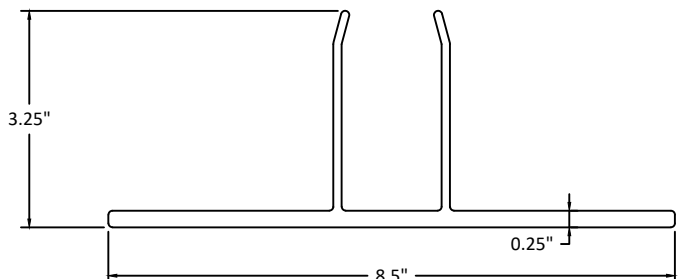
⑪ FRAME SHEAR BLOCK



⑫ INTERMEDIATE SHEAR BLOCK



⑬ F-ANCHOR



⑭ T-ANCHOR



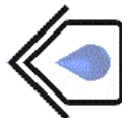
555 GUTHRIDGE CT
NORCROSS, GA 30092
PH: (770) 840-6431

TITLE:
1600 SYSTEM 1 CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)

COMPONENTS

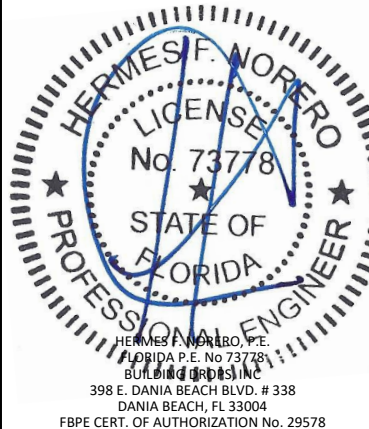
PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:
FL11490

DATE: **07.10.20**

DWG. BY: **E.R.** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **KAW001**

SECTION:

7.0

SHEET 16 OF 17

c:\users\luiz.lopes\desktop\manager\building drops\projects\kaw001 - 1600 system 1 curtain wall.dwg 10/19/2020 1:10 PM

BILL OF MATERIALS				
ITEM	PART NO.	DESCRIPTION	MATERIAL	SUPPLIER
1	162094	FRAME/ HORIZONTAL	6063-T6	KAWNEER
2	160290	INTERMEDIATE/HORIZONTAL	6063-T6	KAWNEER
3	162002	HEAVY MULLION	6063-T6	KAWNEER
4	162505	EXTENDED LEG PRESSURE PLATE	6063-T6	KAWNEER
5	162335	PRESSURE PLATE	6063-T6	KAWNEER
6	162528	OFFSET PERIMETER PRESSURE PLATE	6063-T6	KAWNEER
7	162021	FILLER	6063-T6	KAWNEER
8	162006	SNAP COVER	6063-T6	KAWNEER
9	162019	1/4" GLAZING ADAPTER	6063-T6	KAWNEER
10	611002	SUPPOR STIFFENER 1- 5/16" ACM PANEL	6063-T6	KAWNEER
11	162331	FRAME SHEAR BLOCK	6063-T6	KAWNEER
12	162377	INTERMEDIATE SHEAR BLOCK	6063-T6	KAWNEER
13	162308	"F" ANCHOR/ JAMB END CLIP	6063-T6	KAWNEER
14	162309	"T" ANCHOR / INTERMEDIATE END CLIP	6063-T6	KAWNEER
15		0.13" THK. DOUBLE LAYER IN-FILL PANEL	RAYNOBOND NC ALUM. PANELS	KAWNEER
16	27857	FIXED GASKET	SHORE "A" 60 DUROMETER EPDM	KAWNEER
17	162310	THERMAL SEPARATOR	SHORE "A" 70 DUROMETER EPDM	KAWNEER
18	27850	FIXED GASKET (GLAZING)	SHORE "A" 60 DUROMETER EPDM	KAWNEER
19	127153	SETTING BLOCK	SHORE "A" 85 DUROMETER EPDM	KAWNEER
20	27853	SETTING BLOCK (I.G. GLASS)	SHORE "A" 85 DUROMETER EPDM	KAWNEER
21	27850	EXTERIOR GLAZING FIXED GASKET	TREMCO TR-4014P EPDM DUROMETER 60 +/-5	TREMCO
22	127196	INTERIOR GLAZING IN-FILL PANEL FIXED GASKET	TREMCO TR-20494P EPDM DUROMETER 60 +/-5	TREMCO
23	128406	1/4"x1" HWHTF TYPE AB SCREW		



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TITLE:
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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL11490

DATE: **07.10.20**

DWG. BY: **E.R.** | CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **KAW001**

SECTION:
7.1

SHEET 17 OF 17