

c:\users\luiz.lopes\desktop\manager\building drops\projects\kawneer company\cc-20-0640\110285\dwgs\kav1600 - fl10285 2020-10-19.dwg 10/19/2020 1:00 PM

KAWNEER COMPANY

1600 SS SYSTEM 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 $\pm 1/2$ 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.

TABLE OF CONTENTS	
SECTION	SECTION DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	ELEVATION
3	HORIZONTAL DETAILS
4	VERTICAL MULLION DETAILS
5	GLAZING DETAILS
6	ANGLE ANCHOR DETAILS
7	COMPONENTS & BILL OF MATERIALS



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TITLE:
1600 SS SYSTEM CURTAIN WALL
(NON-HVHZ)(NON-IMPACT)
GENERAL AND INSTALLATION NOTES

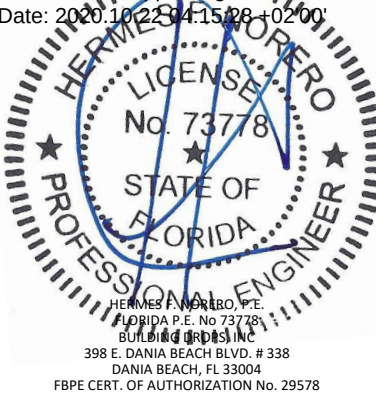
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Reason: I am approving this document
Date: 2020.10.23 14:15:28 +0200



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DATE: **07.10.20**

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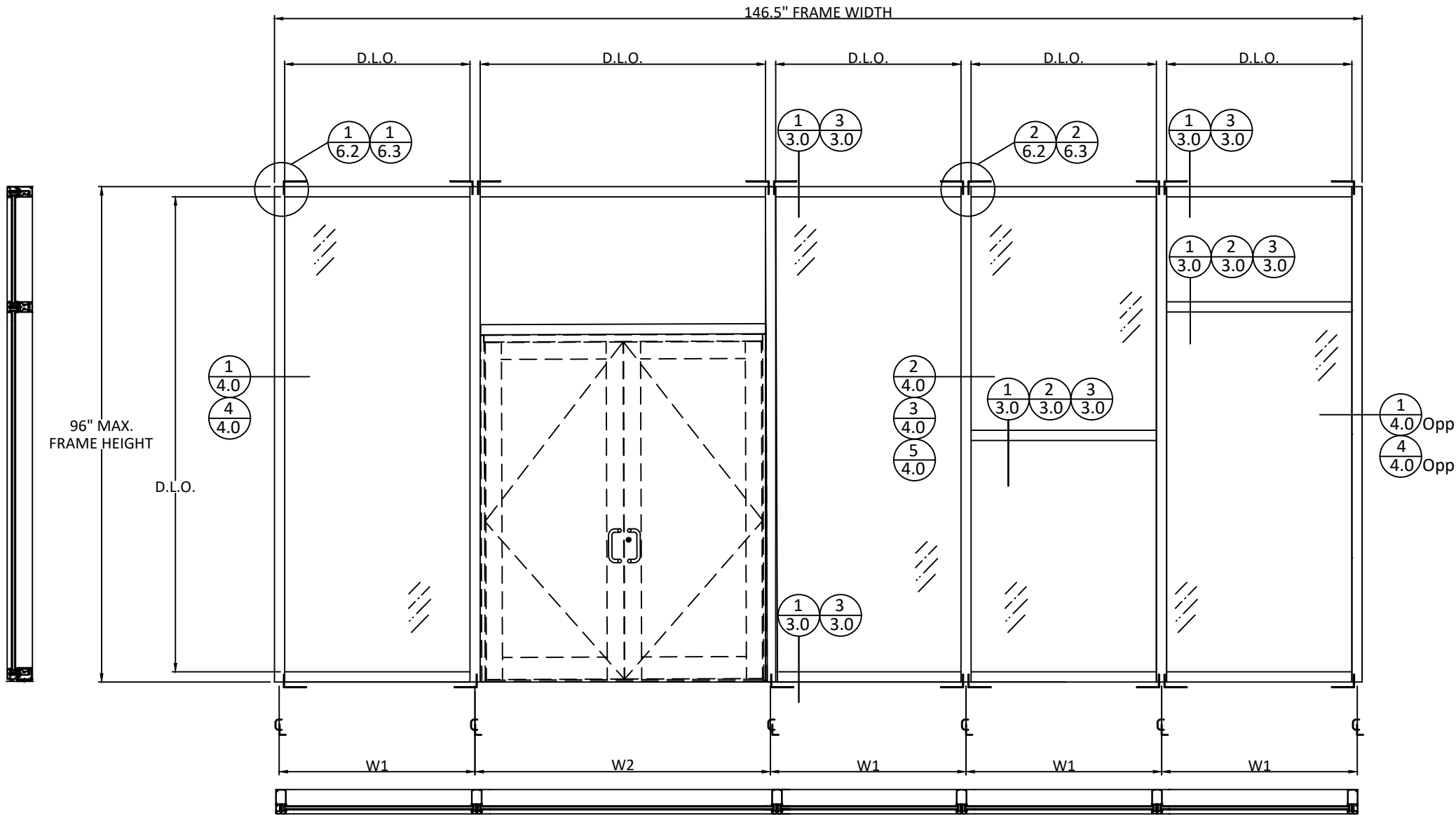
SCALE: **NTS**

DWG. #: **KAW004**

SECTION:

1.0

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TYPICAL ELEVATION

AVERAGE MULLION SPACING

$$\text{INTERMEDIATE MULLION} = \frac{W1}{2} + \frac{W2}{2}$$
$$\text{JAMB MULLION} = \frac{W1}{2}$$



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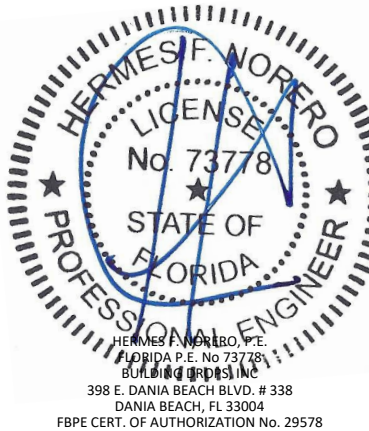
TITLE: 1600 SS SYSTEM CURTAIN WALL
(NON-HVHZ)(NON-IMPACT)
ELEVATION

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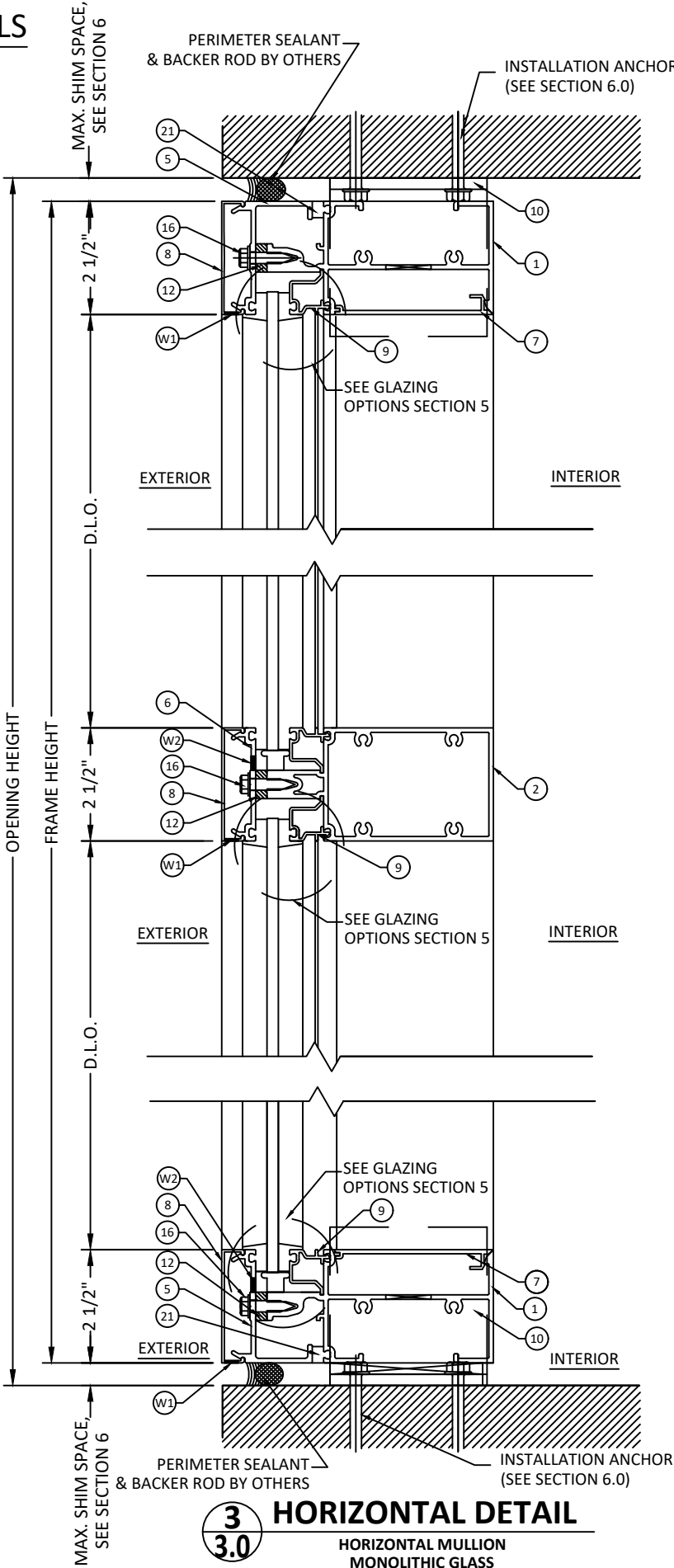
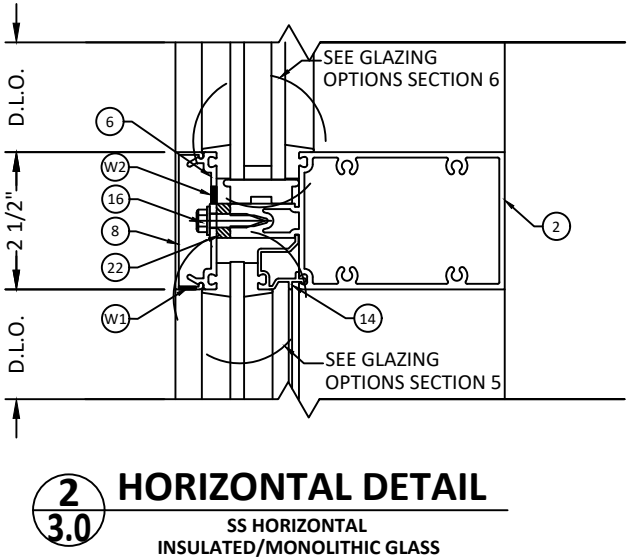
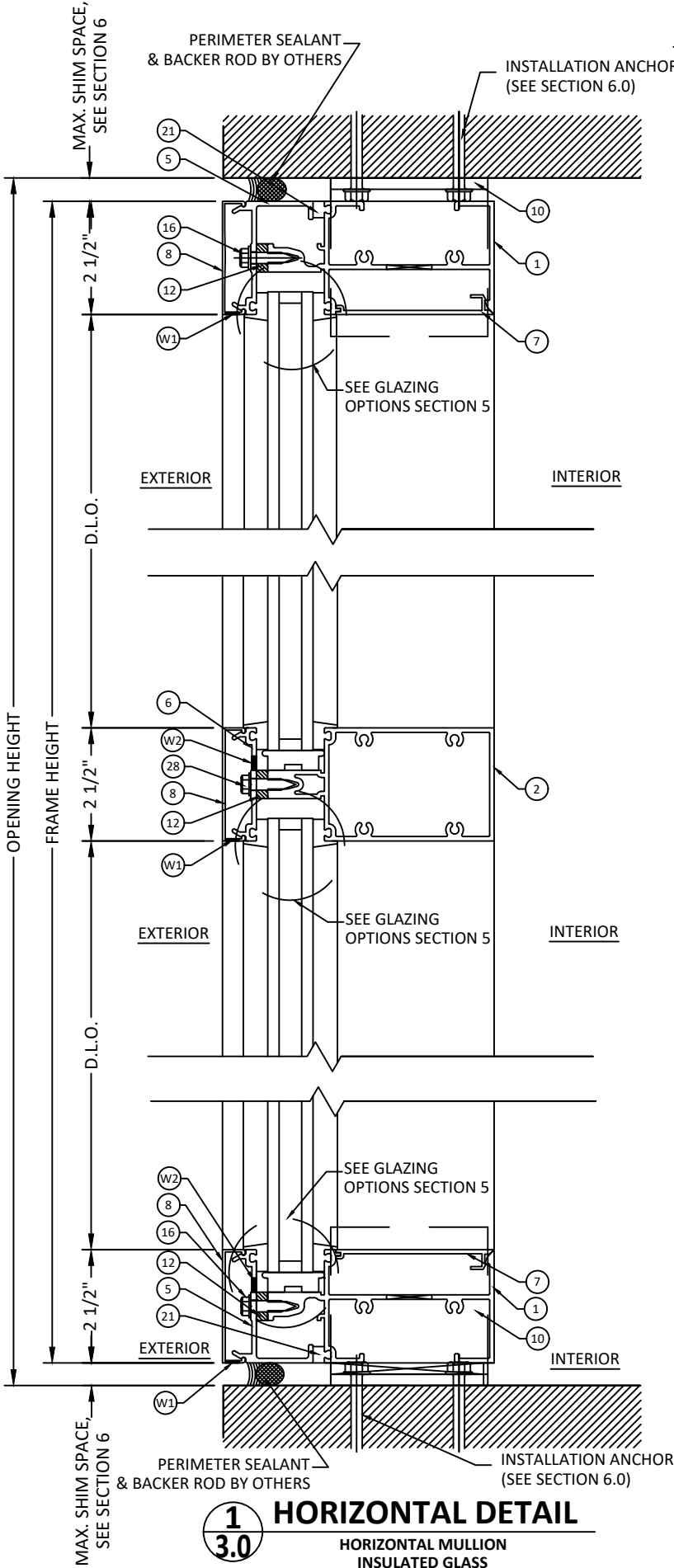
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DWG. #: **KAW004**

SECTION: **2.0**

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SCREW SPLINE SYSTEM - HORIZONTAL DETAILS



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HORIZONTAL DETAILS

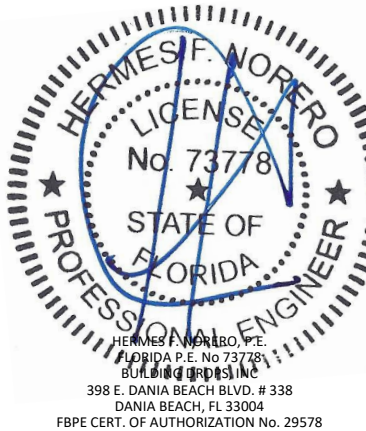
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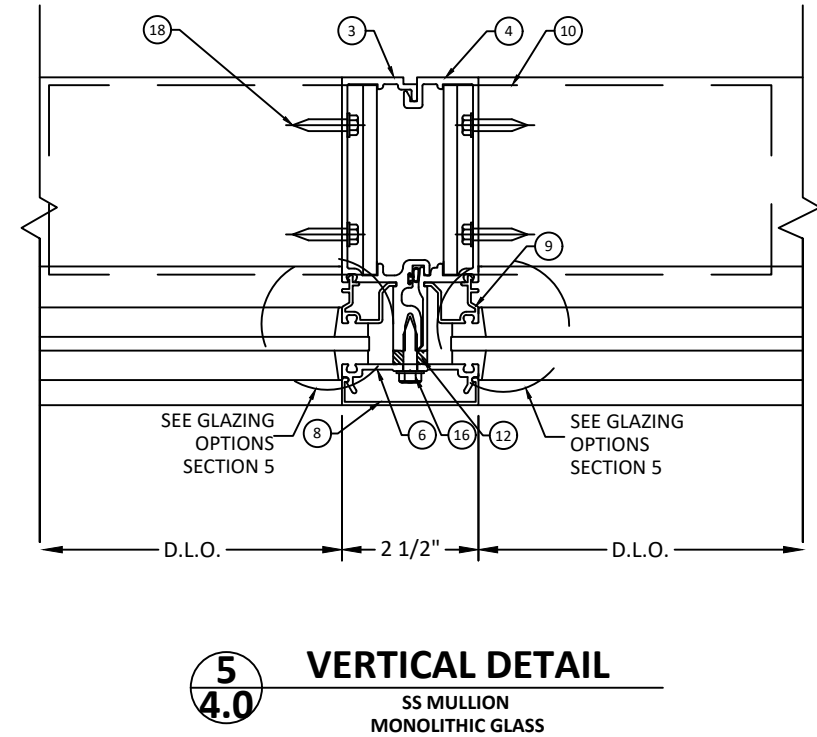
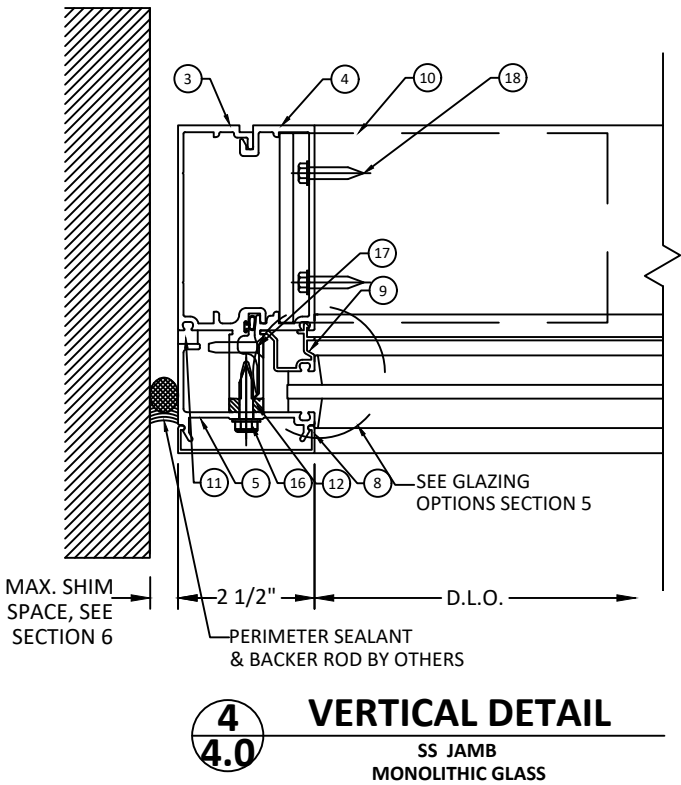
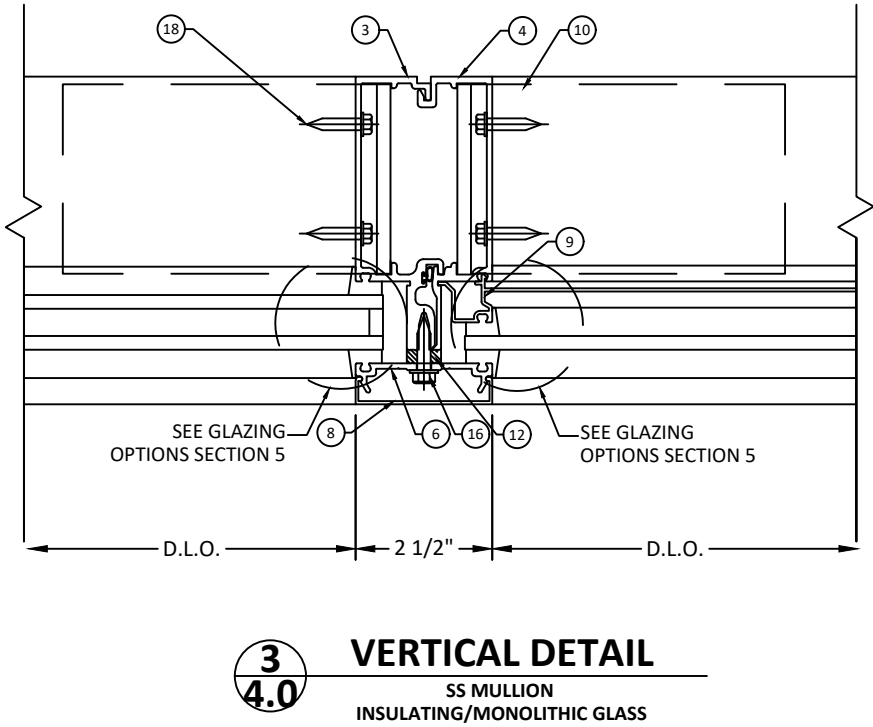
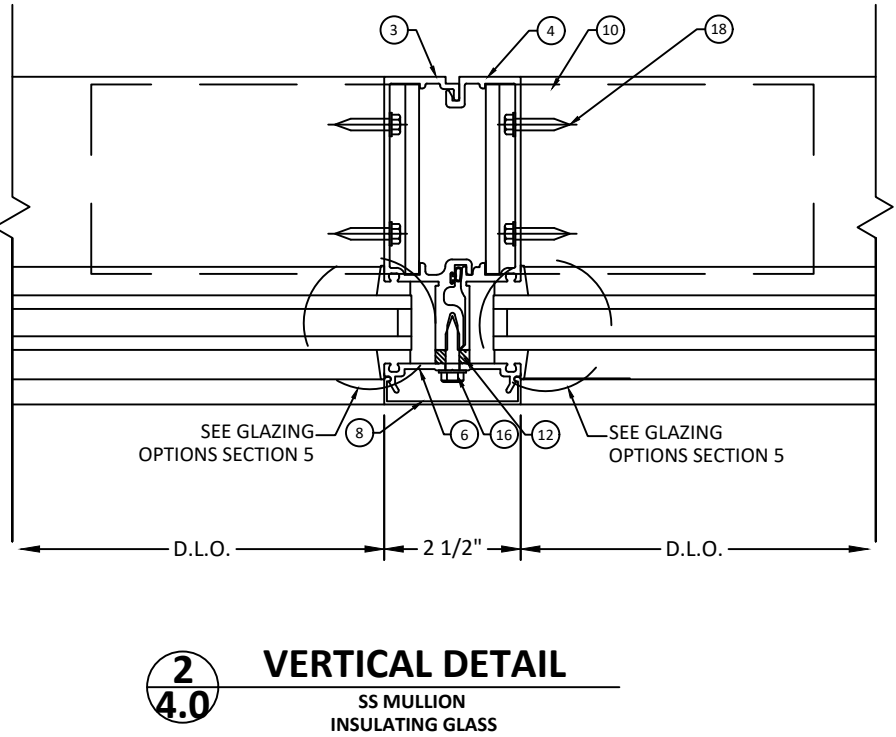
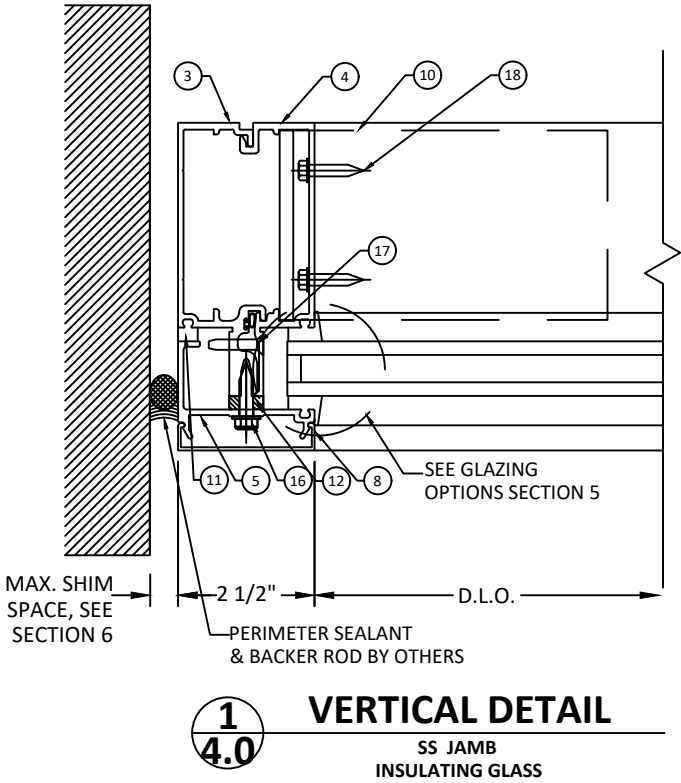
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DWG. #: KAW004

SECTION:

3.0

SS MULLIONS - VERTICAL MULLION DETAILS



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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VERTICAL MULLION DETAILS

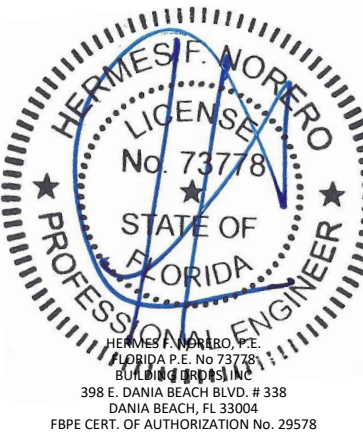
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REMARKS	BY	DATE

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SCALE: **NTS**

DWG. #: **KAW004**

SECTION:

4.0

SS MULLION CAPACITY CHARTS

NOTES

- DESIGN PRESSURES ARE LIMITED BY THE MULLION FIBERSTRESS AND DEFLECTION CAPACITY PER CURRENT FBC 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.

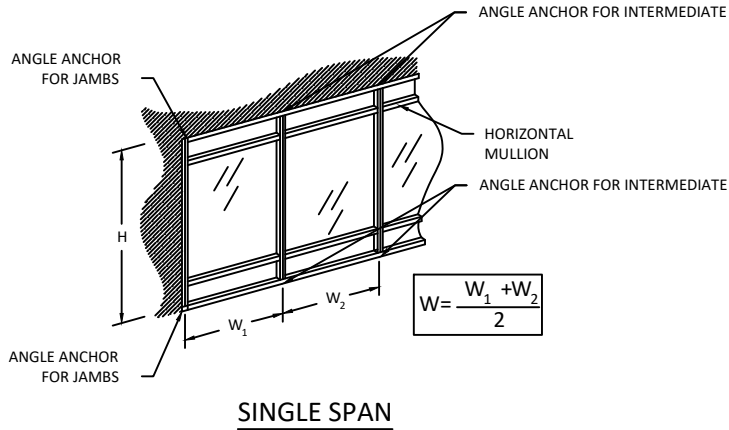
STANDARD DUTY HORIZONTAL MULLIONS (+/- PSF)	
WIDTH, W (in) 'Span'	Ext. (+) Int. (-)
63	90

* NOTE:

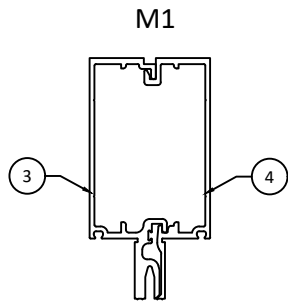
- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER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

VERTICAL MEMBER SINGLE SPAN NOTES:

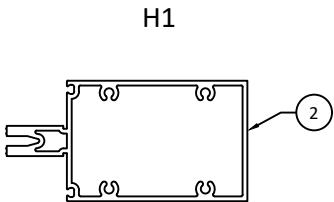
- DETAILS HAVE BEEN SHOWN FOR ILLUSTRATIVE PURPOSES. FOR DETAILS OF FULL ASSEMBLY PLEASE REFER TO APPLICABLE DETAILS ON SECTION 3 & 4.
- TABULATED DESIGN PRESSURE VALUES ARE BASED ON LIMITATIONS OF DEFLECTION, FIBERSTRESS, & END REACTION PER MULLION SPAN ('L') AND MULLION SPACING ('W').
- FOR SITE CONDITIONS WHICH EXCEED LIMITATIONS SHOWN, FURTHER ENGINEERING MAY BE REQUIRED ON A CASE BY CASE BASIS.
- FOR ANGLE CLIP ANCHORS, PLEASE REFER TO SECTION 6 FOR ANCHOR SELECTION, SUBSTRATE REQUIREMENTS, AND FURTHER LIMITATIONS OF USE.



REINFORCING LENGTH = FRAME HEIGHT - 12 IN.



MALE-FEMALE MULLION HALF
(169001 - 169002)



SS HORIZONTAL
(169014)



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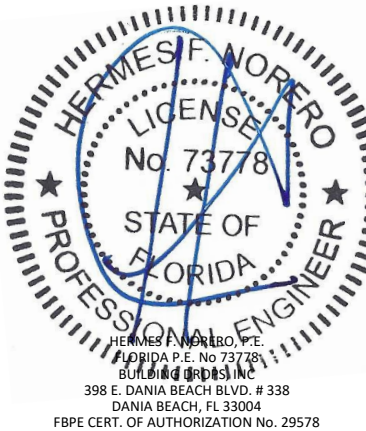
TITLE:
**1600 SS SYSTEM CURTAIN WALL
(NON-HVHZ)(NON-IMPACT)**
MULLION CAPACITY CHART

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SCALE: **NTS**

DWG. #: **KAW004**

SECTION:

4.1

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)
26	74	90.0	26	74	90.0
	79.5	90.0	31.5		90.0
	85	90.0	37		90.0
	90.5	90.0	42.5		90.0
	96	90.0	48		90.0
	101.5	90.0	53.5		90.0
	107	90.0	59		90.0
	112.5	90.0	26		90.0
	118	90.0	31.5	79.5	90.0
31.5	74	90.0	37		90.0
	79.5	90.0	42.5		90.0
	85	90.0	48		90.0
	90.5	90.0	53.5		90.0
	96	90.0	26	85	90.0
	101.5	90.0	31.5		90.0
	107	90.0	37		90.0
	112.5	90.0	42.5		90.0
37	118	90.0	48		90.0
	74	90.0	53.5	90.5	90.0
	79.5	90.0	26		90.0
	85	90.0	31.5		90.0
	90.5	90.0	37		90.0
	96	90.0	42.5		90.0
	101.5	90.0	48	96	90.0
	107	90.0	26		90.0
	112.5	89.4	31.5		90.0
	118	84.5	37		90.0



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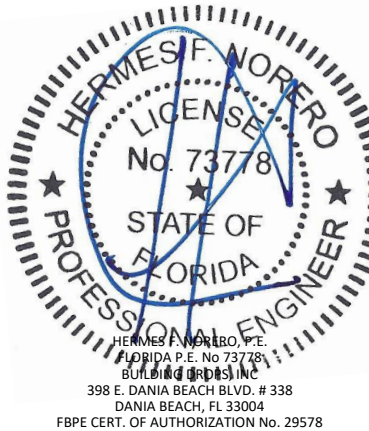
TITLE:
1600 SS SYSTEM CURTAIN WALL
(NON-HVHZ)(NON-IMPACT)
MULLION CAPACITY CHART

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DWG. #: **KAW004**

SECTION:
4.2

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)
42.5	74	90.0	42.5	96	90.0
	79.5	90.0	48		90.0
	85	90.0	26	101.5	90.0
	90.5	90.0	31.5		90.0
	96	90.0	37		90.0
	101.5	90.0	42.5		90.0
	107	85.3	26	107	90.0
48	74	90.0	31.5		90.0
	79.5	90.0	37		86.7
	85	90.0	42.5		76.7
	90.5	90.0	26	112.5	90.0
	96	90.0	31.5		86.1
53.5	74	90.0	37	118	74.2
	79.5	90.0	26		89.3
	85	90.0	31.5		74.4
59	74	90.0	37		64.1



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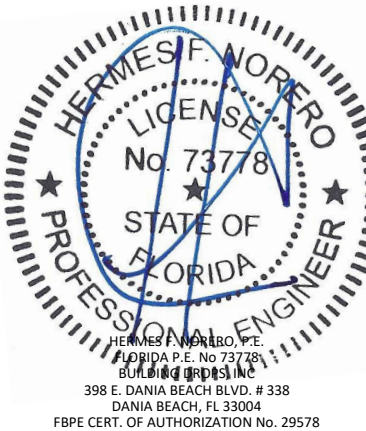
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1600 SS SYSTEM CURTAIN WALL
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MULLION CAPACITY CHART

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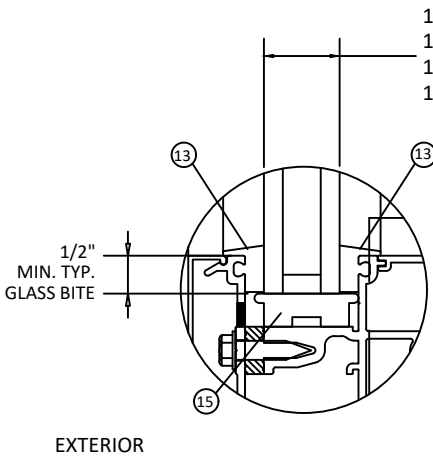
SECTION:
4.3

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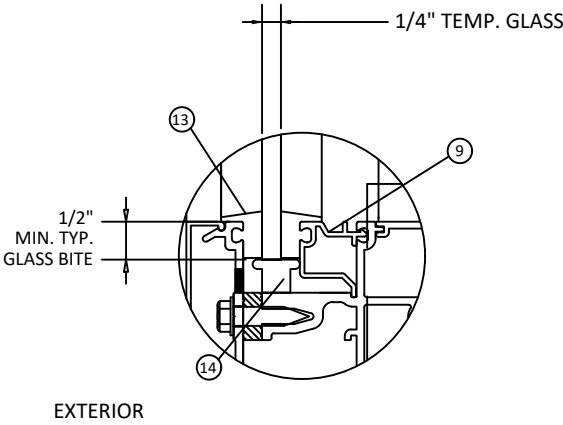
MONOLITHIC AND INSULATING NON IMPACT GLASS OPTIONS

NOTES:

1. CHART VALUES PROVIDE MAXIMUM DESIGN PRESSURES ACCORDING TO ASTM E1300 FOR GIVEN GLASS DIMENSIONS 'a' AND 'b' (a ≥ 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



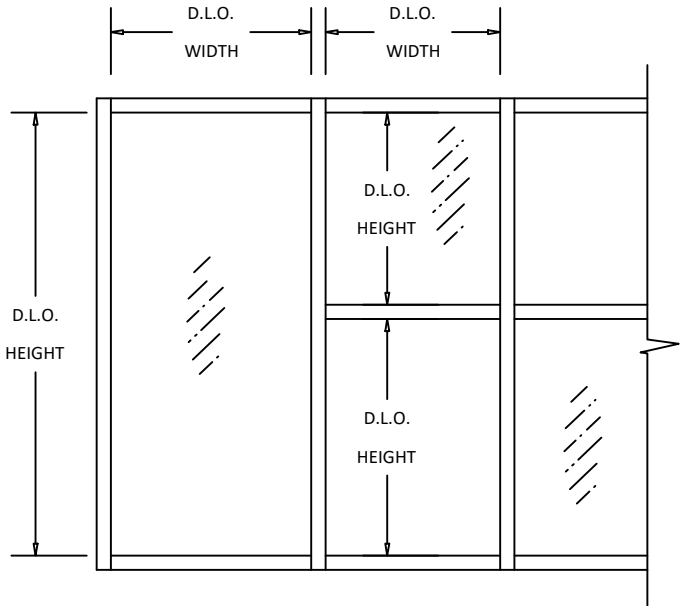
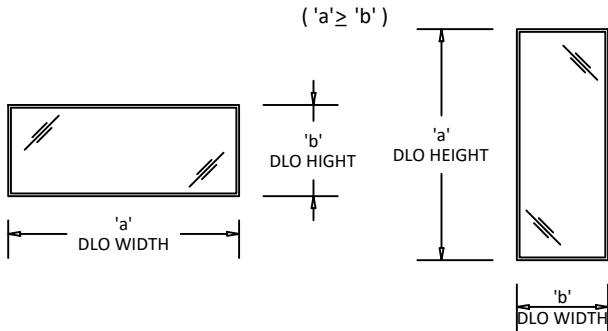
GLASS TYPE 'A'



GLASS TYPE 'B'

- * 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



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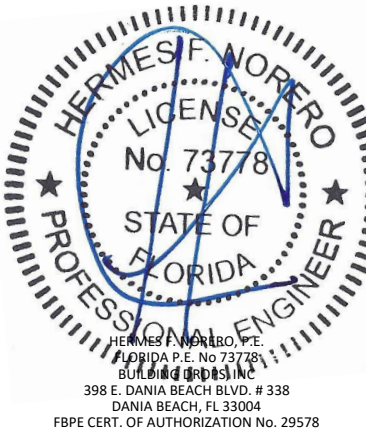
GLAZING DETAILS

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

SCALE: NTS

DWG. #: KAW004

SECTION:

5.0

GLASS LOAD CAPACITY

DESIGN PRESSURE TABLE: GLAZING CAPACITY BY TYPE		
D.L.O. WIDTH (IN)	D.L.O. HEIGHT (IN)	DESIGN PRESSURE (+/- PSF)
		TYPE 'A' & 'B'
23.5	69	90.0
	74.5	90.0
	80	90.0
	85.5	90.0
	91	90.0
	96.5	90.0
	102	90.0
	107.5	90.0
	113	90.0
29	69	90.0
	74.5	90.0
	80	90.0
	85.5	90.0
	91	90.0
	96.5	90.0
	102	90.0
	107.5	90.0
	113	90.0
34.5	69	90.0
	74.5	90.0
	80	90.0
	85.5	90.0
	91	90.0
	96.5	90.0
	102	90.0
	107.5	90.0
	113	90.0

DESIGN PRESSURE TABLE: GLAZING CAPACITY BY TYPE		
D.L.O. WIDTH (IN)	D.L.O. HEIGHT (IN)	DESIGN PRESSURE (+/- PSF)
		TYPE 'A' & 'B'
40	69	90.0
	74.5	90.0
	80	90.0
	85.5	90.0
	91	90.0
	96.5	90.0
	102	90.0
45.5	69	90.0
	74.5	90.0
	80	90.0
	85.5	90.0
51	91	90.0
	69	80.3
	74.5	80.3
56.5	80	80.3
	69	72.5

GLASS TABLE NOTES:

1. GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS).
2. GLASS CAPACITIES ARE LIMITED BY THE RESULTS OF COMPARATIVE ANALYSIS IN ACCORDANCE WITH CHAPTER 17 OF THE CURRENT FBC.
3. WHERE REQUIRED, TEMPERED GLASS IS REQUIRED TO BE USED TO COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CHAPTER 24 OF THE CURRENT FBC.
4. ALL GLASS LITES THAT EXCEED 36" IN WIDTH SHALL USE APPROVED SETTING BLOCKS IN ACCORDANCE WITH CHAPTER 24 OF THE CURRENT FBC.
5. REFER TO SECTION 2 FOR ILLUSTRATION OF DAYLIGHT OPENING DIMENSIONS.



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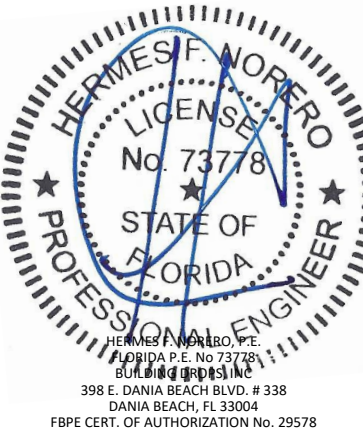
TITLE:
1600 SS SYSTEM CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)
GLASS CAPACITY CHART

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REMARKS	BY	DATE

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FL #:
FL10285

DATE:
07.10.20

DWG. BY:
E.R.

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
KAW004

SECTION:
5.1

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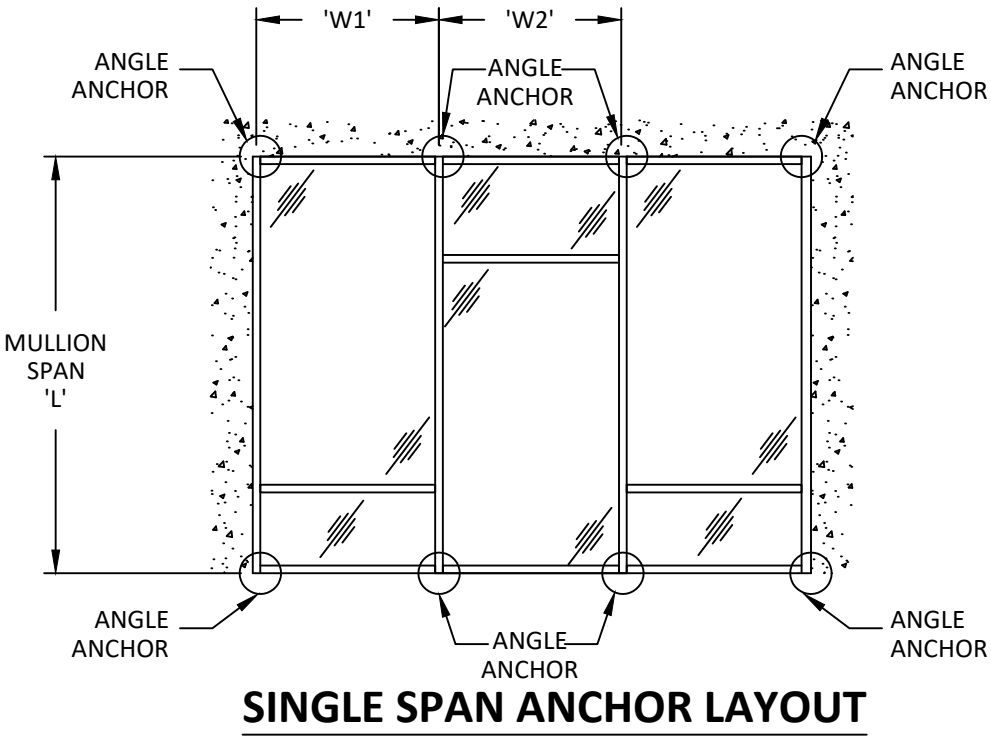
ANGLE ANCHOR TYPES

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 ANGLE ANCHORS	$W = \frac{W1 + W2}{2}$
MULLION SPACING OR BAY WIDTH, 'W', FOR ANGLE ANCHORS AT JAMBS	$W = \frac{W1}{2}$
MULLION SPACING OR BAY WIDTH, 'W', FOR ANGLE ANCHORS AT VERTICAL MULL WITH DOORS	$*W = \frac{W1 + W2}{2}$

*REFER TO SECTION 4 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 ANGLE ANCHOR TYPE CAPACITIES.



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

ANGLE ANCHOR TYPES

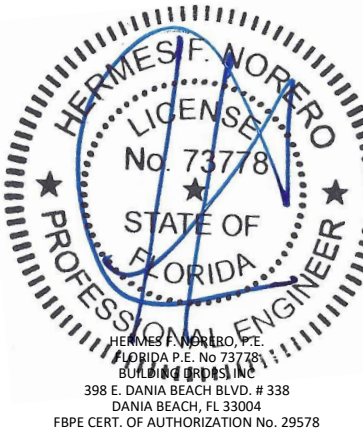
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FL10285

DATE: **07.10.20**

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

SCALE: **NTS**

DWG. #: **KAW004**

SECTION:

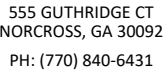
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NOTE:

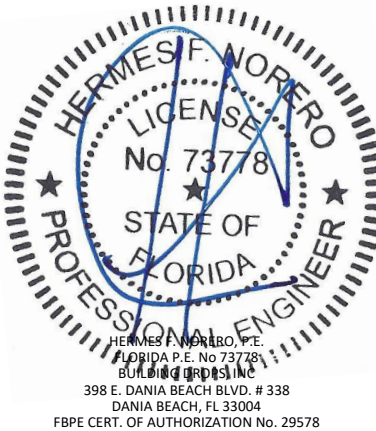
IN TABLE TITLE, "ANCHOR TYPE" FOLLOWED BY FOUR (4), REPRESENTS FOUR (4) ANCHORS PER CLIP.

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



REMARKS	BY	DATE

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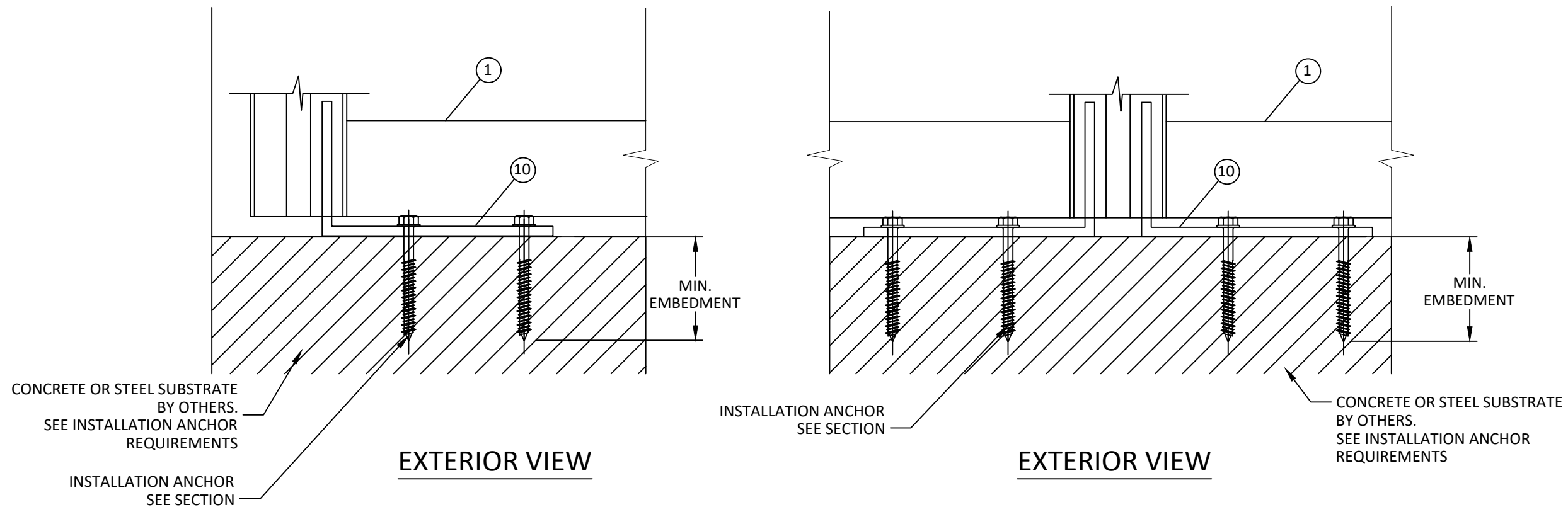
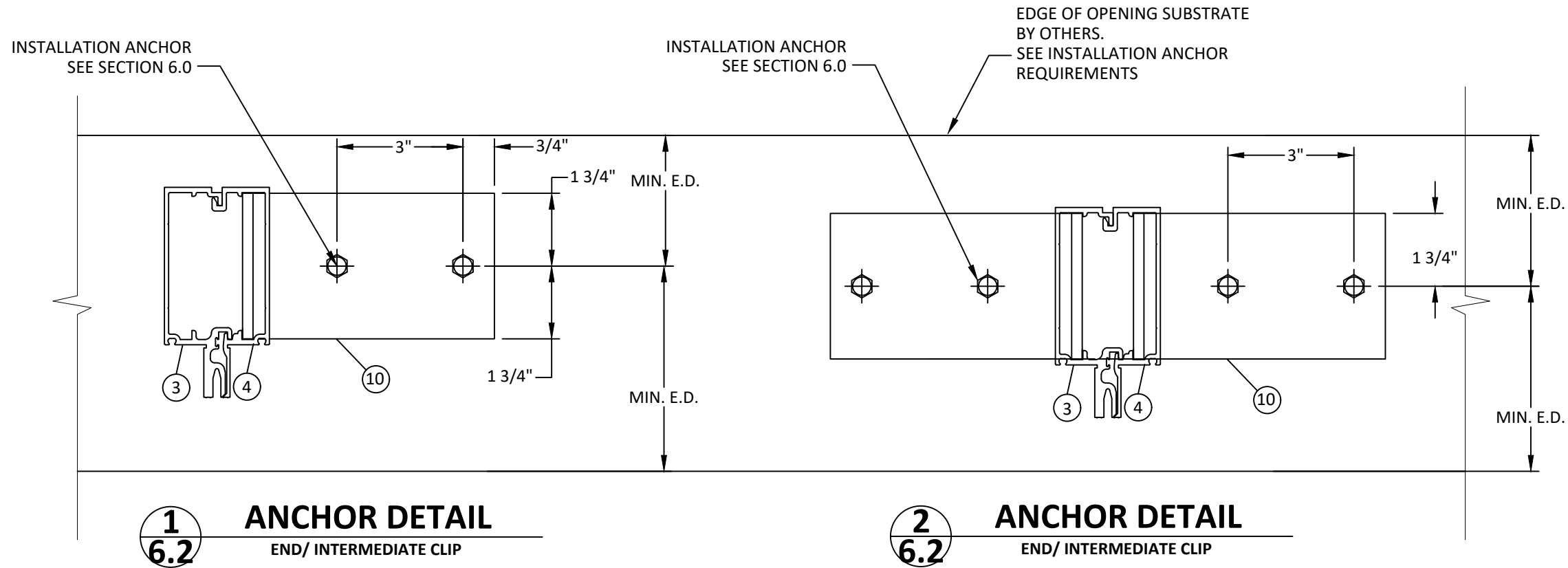
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DWG. #: KAW004

SECTION:

6.1

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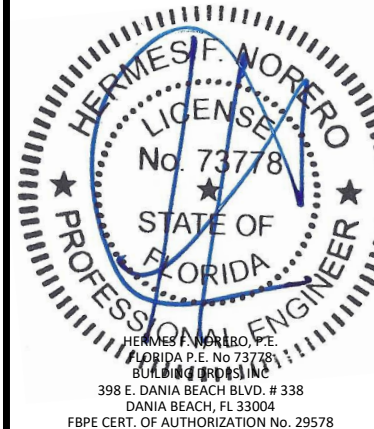
TITLE:
1600 SS SYSTEM CURTAIN WALL
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ANCHOR DETAILS

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SCALE: **NTS**

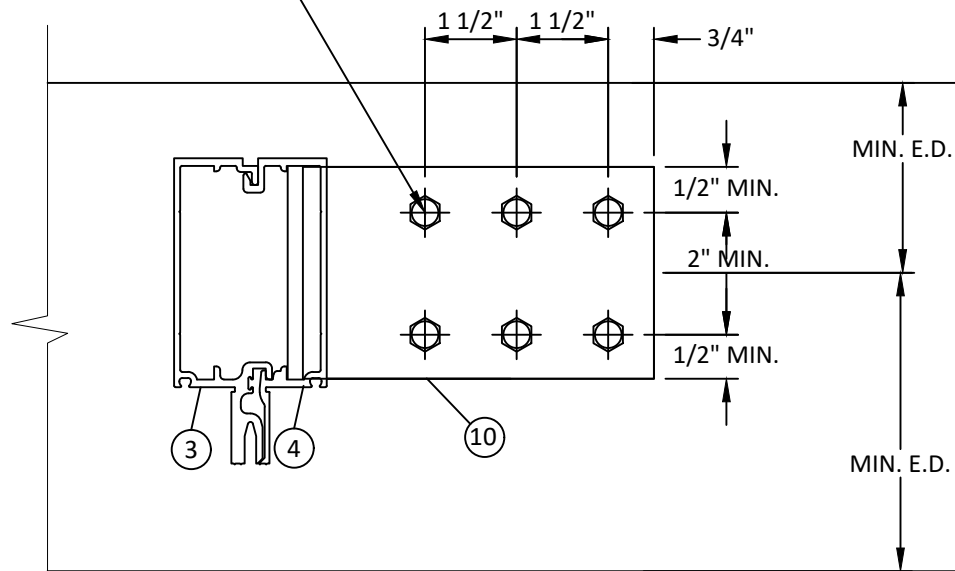
DWG. #: **KAW004**

SECTION:

6.2

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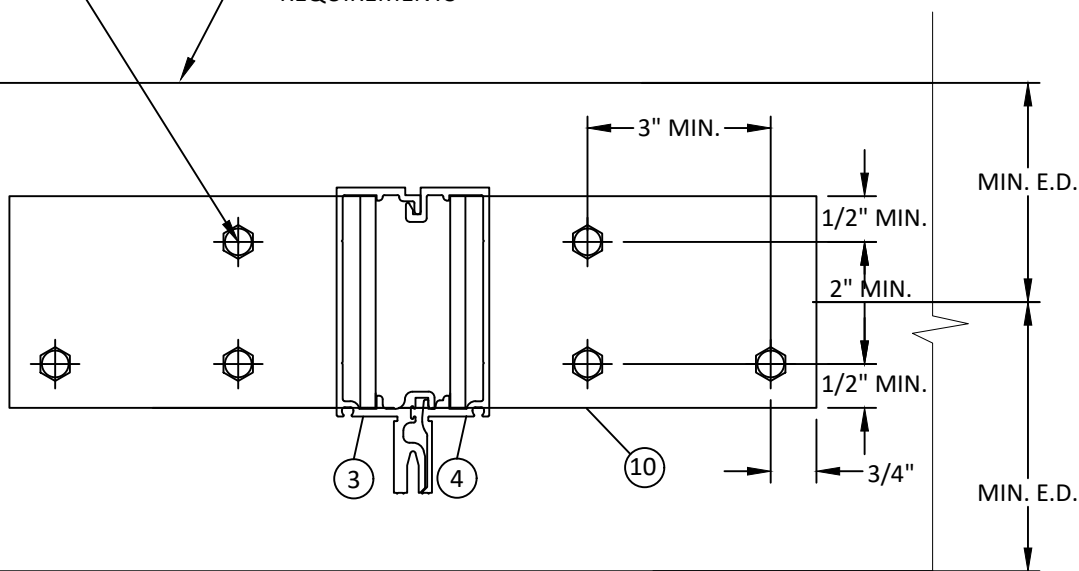
INSTALLATION ANCHOR
SEE SECTION 6.0



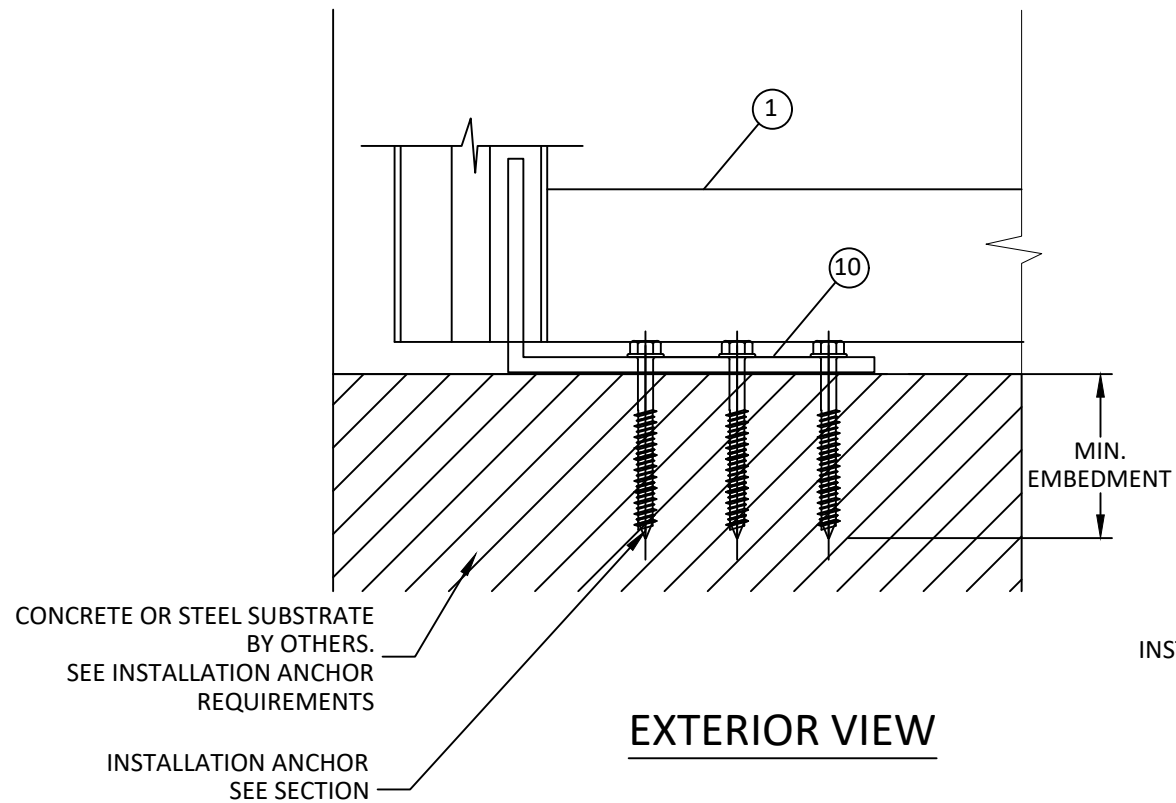
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6.3 **ANCHOR DETAIL**
END/ INTERMEDIATE CLIP

INSTALLATION ANCHOR
SEE SECTION 6.0

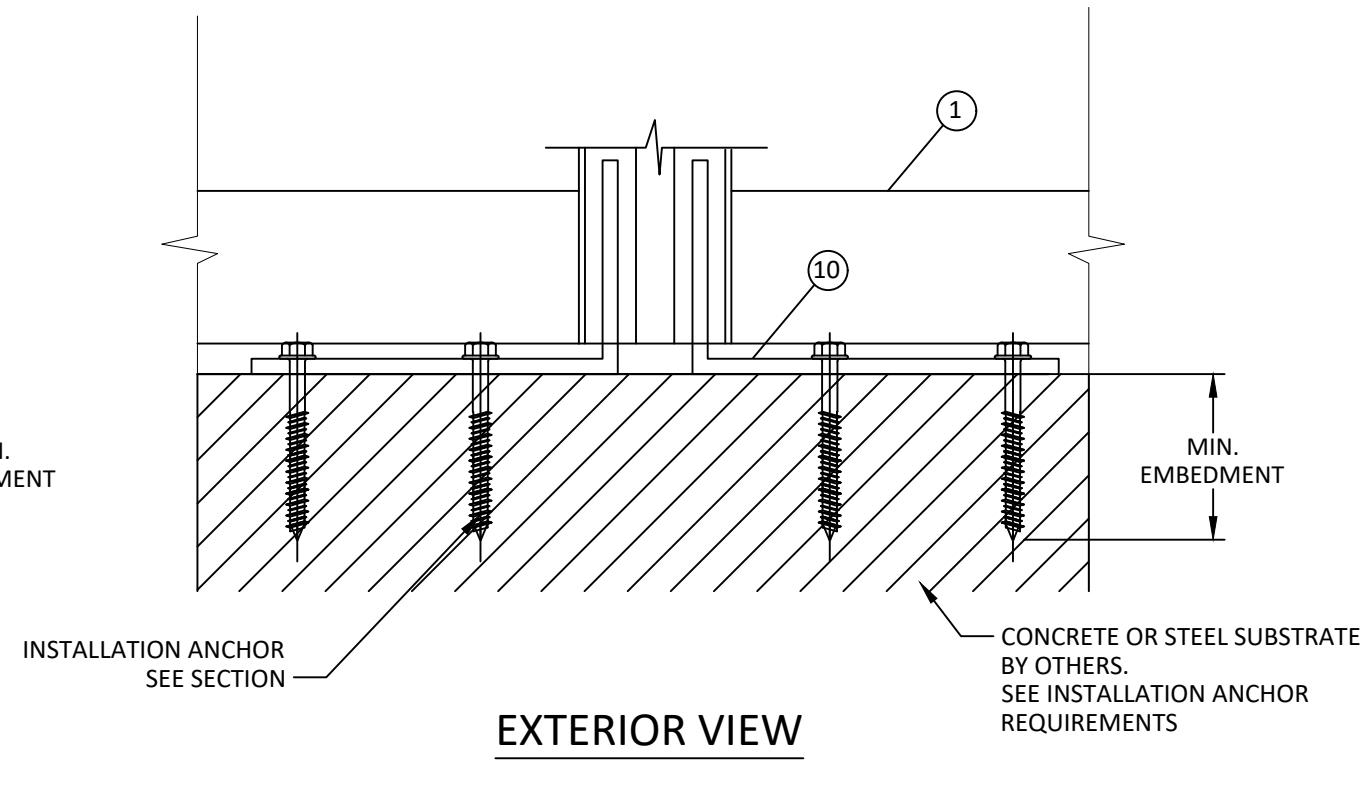
EDGE OF OPENING SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS



2
6.3 **ANCHOR DETAIL**
END/ INTERMEDIATE CLIP



EXTERIOR VIEW



EXTERIOR VIEW

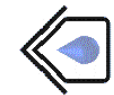


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TITLE:
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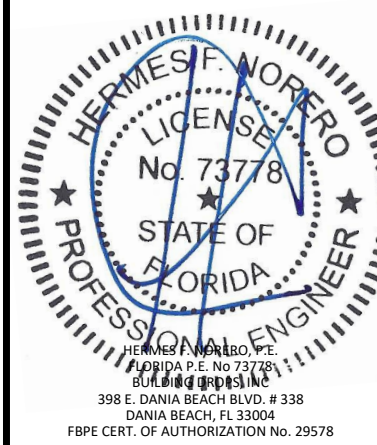
ANCHOR DETAILS

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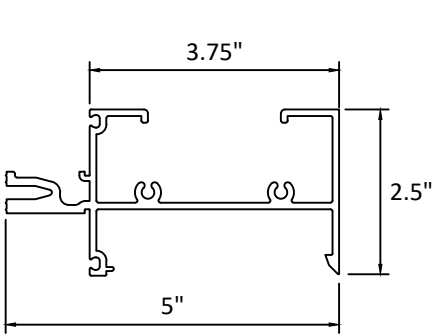
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HFN

SCALE:
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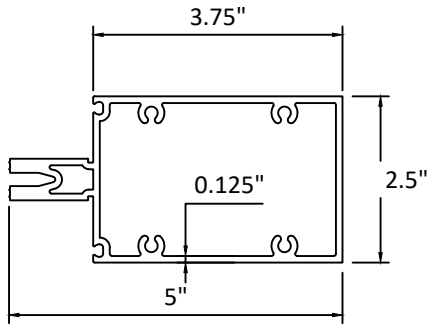
DWG. #:
KAW004

SECTION:
6.3

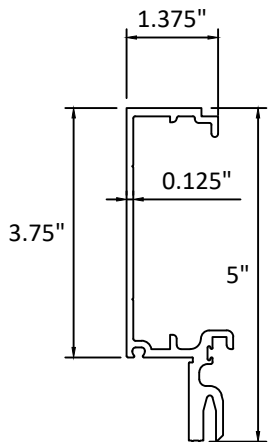
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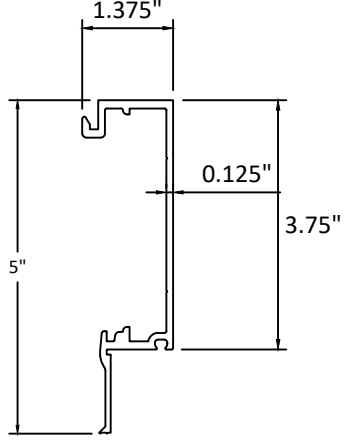
① FRAME HORIZONTAL



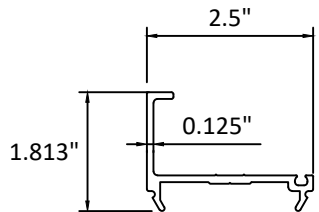
② INTERMEDIATE HORIZONTAL



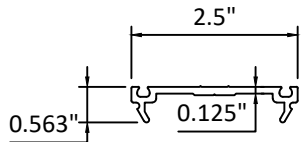
③ MALE MULLION HALF



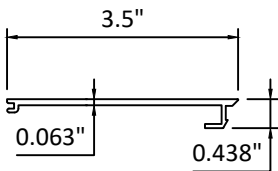
④ FEMALE MULLION HALF



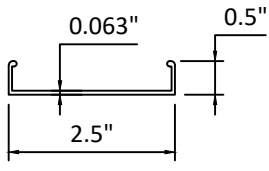
⑤ EXTENDED LEG PRESSURE PLATE



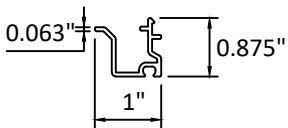
⑥ PRESSURE PLATE



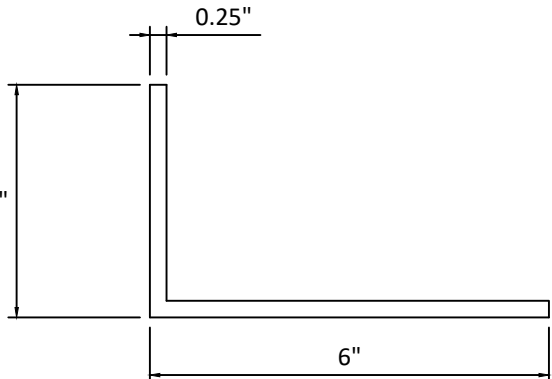
⑦ FILLER



⑧ SNAP COVER



⑨ 1/4" GLAZING ADAPTER



⑩ HEAD/SILL ANCHOR

BILL OF MATERIALS			
ITEM	PART NO.	DESCRIPTION	MATERIAL
1	169016	FRAME/ HORIZONTAL SS SYSTEM	6063-T6
2	169014	INTERMEDIATE/HORIZONTAL SS SYSTEM	6063-T6
3	169001	MALE MULLION HALF	6063-T6
4	169002	FEMALE MULLION HALF	6063-T6
5	162505	EXTENDED LEG PRESSURE PLATE	6063-T6
6	162335	PRESSURE PLATE	6063-T6
7	162021	FILLER	6063-T6
8	162006	SNAP COVER	6063-T6
9	162019	1/4" GLAZING ADAPTER	6063-T6
10	169211	HEAD/SILL ANCHOR	6063-T6
11	027857 (A)	FIXED GASKET	SHORE "A" 60 DUROMETER EPDM
12	162310	THERMAL SEPARATOR	SHORE "A" 60 DUROMETER EPDM
13	027850 (D)	FIXED GASKET (GLAZING)	SHORE "A" 60 DUROMETER EPDM
14	027853 (E)	SETTING BLOCK (NON I.G. GLASS)	SHORE "A" 85 DUROMETER EPDM
15	027854 (F)	SETTING BLOCK (I.G. GLASS)	SHORE "A" 85 DUROMETER EPDM
16	128406 (C)	1/4"X1" HWHTF TYPE AB SCREW	WITHIN 3" OF CORNERS & MAX. 9" O.C.
17	128401	#10 X 1" B FHTF	WITHIN 4" OF CORNERS & MAX. 48" O.C.
18	128509	#12 X 1" HWHTFS AB	2 AT END OF EACH HORIZONTAL



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COMPONENTS & BILL OF MATERIALS

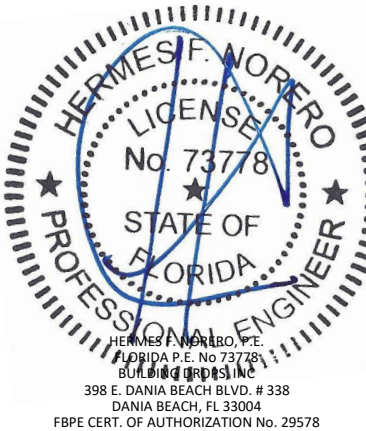
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