

KAWNEER COMPANY

2250 IG 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.

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



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

TITLE:
2250 SYSTEM CURTAIN WALL
(NON-HVHZ)(NON-IMPACT)
GENERAL AND INSTALLATION NOTES

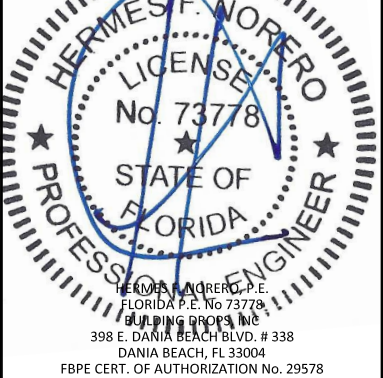
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2020.10.23 14:40:43 -02'00'



FL #:

FL9942

DATE: 07.10.20

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

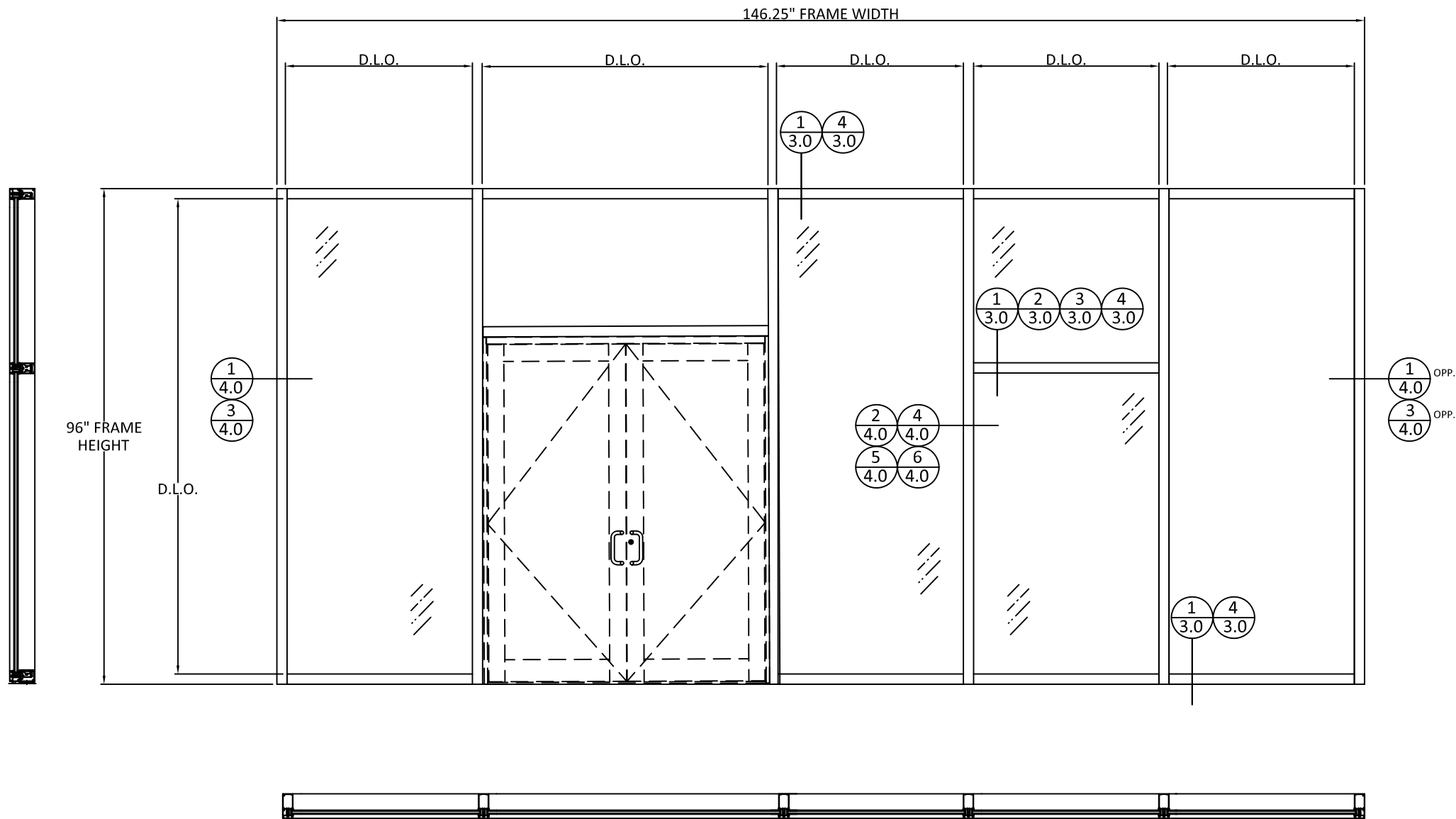
SCALE: NTS

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SECTION:

1.0

SHEET 1 OF 13



TYPICAL ELEVATION



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TITLE:
2250 SYSTEM CURTAIN WALL
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ELEVATION

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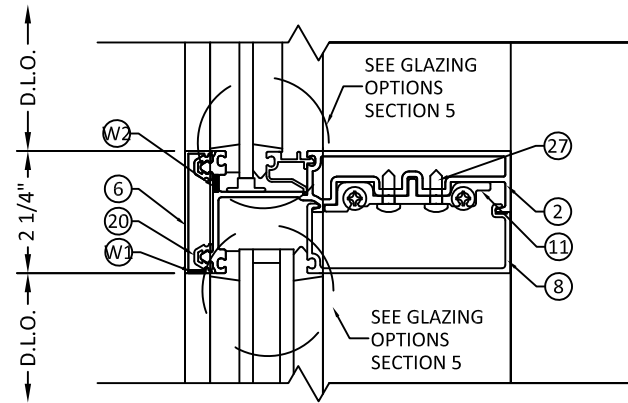
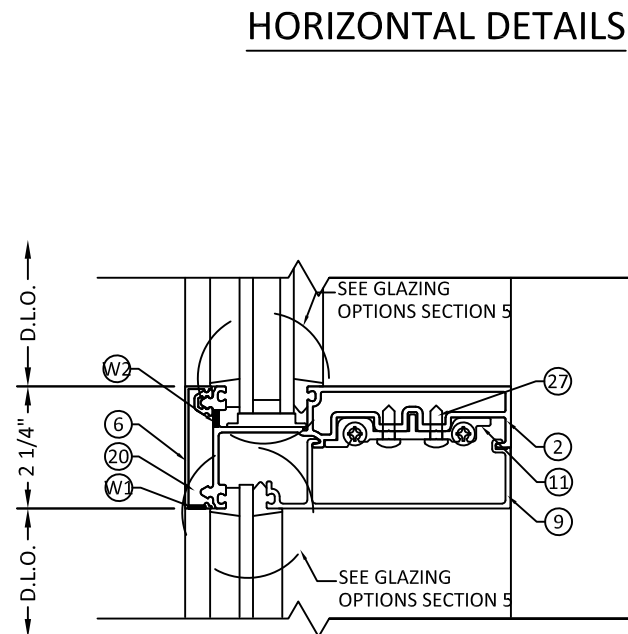
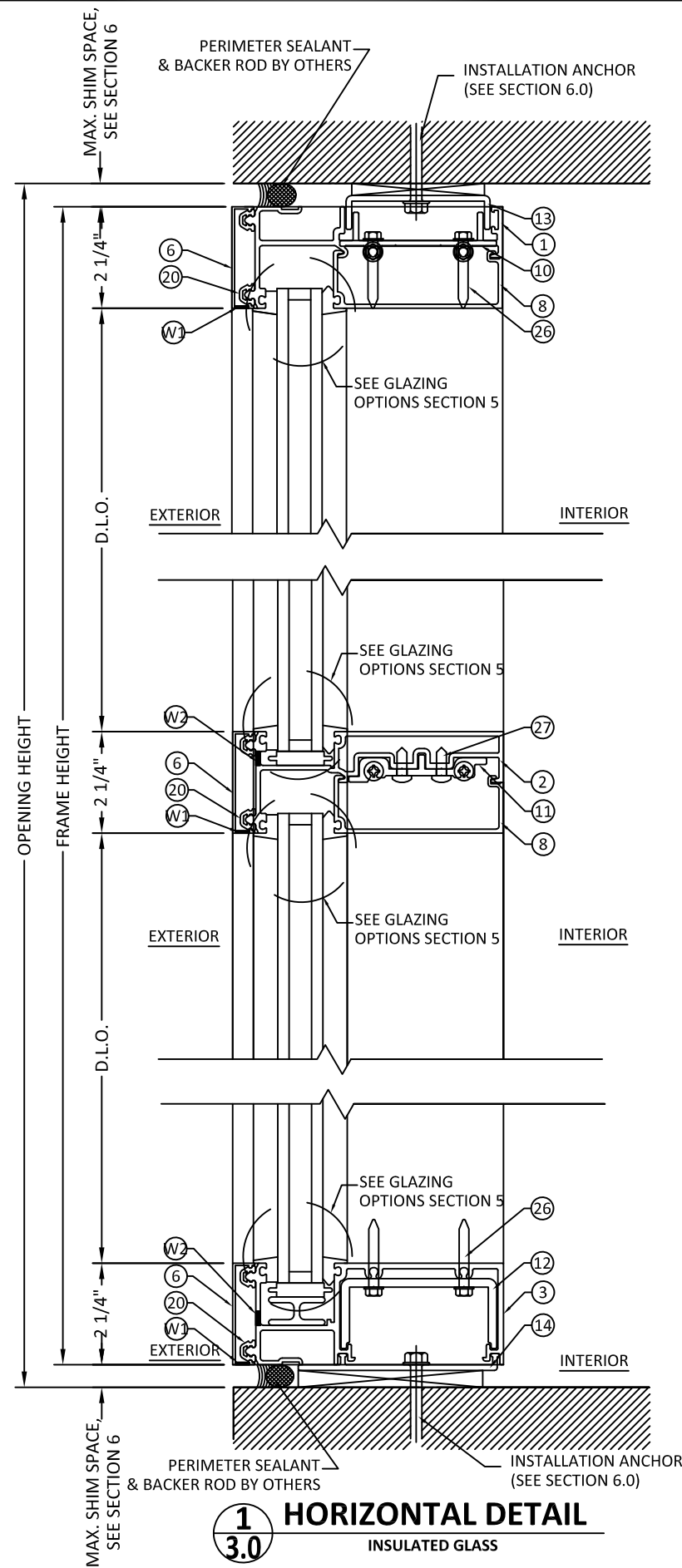
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DWG. BY: **E.R.** CHK. BY: **HFN**

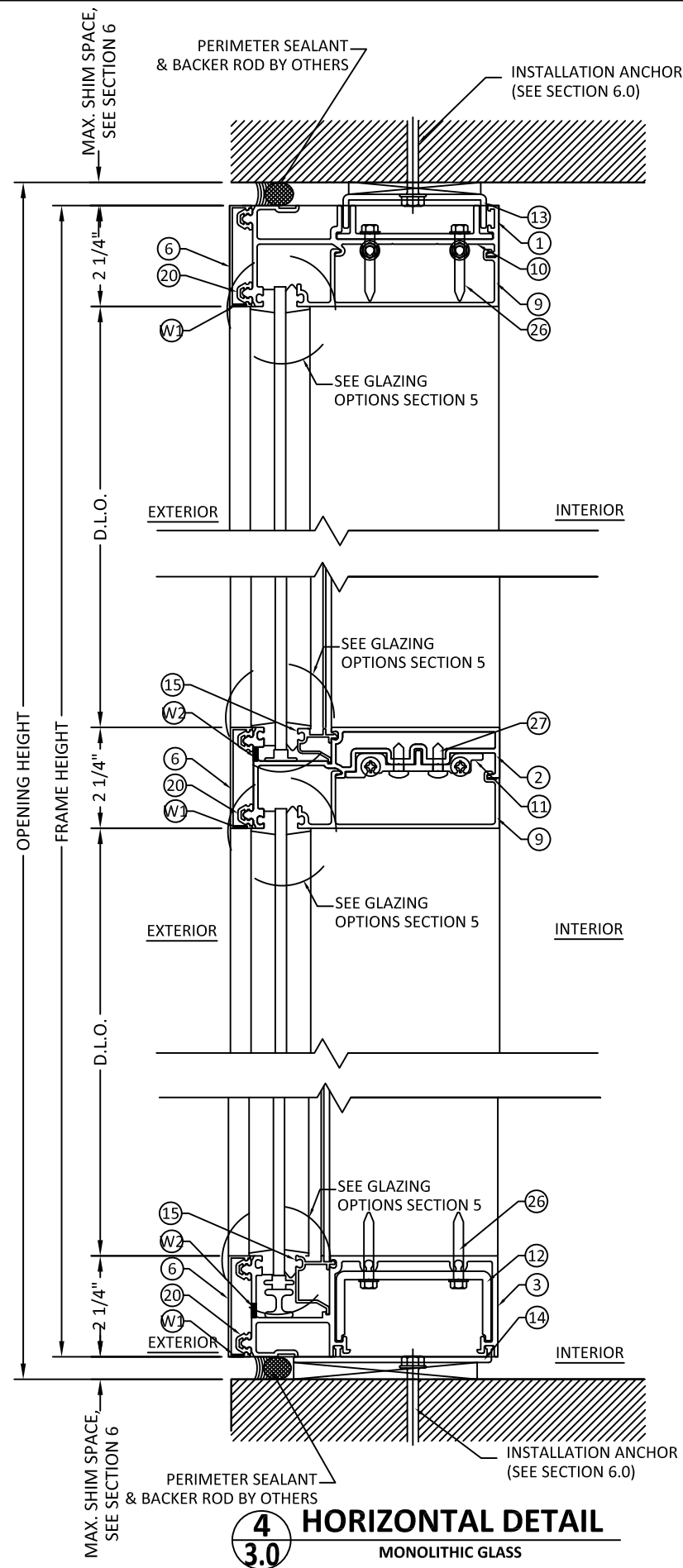
SCALE: **NTS**

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SECTION:
2.0
SHEET 2 OF 13



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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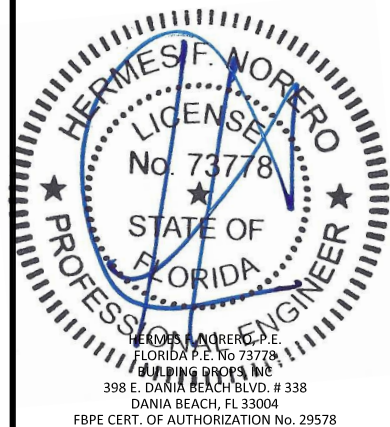
HORIZONTAL DETAILS

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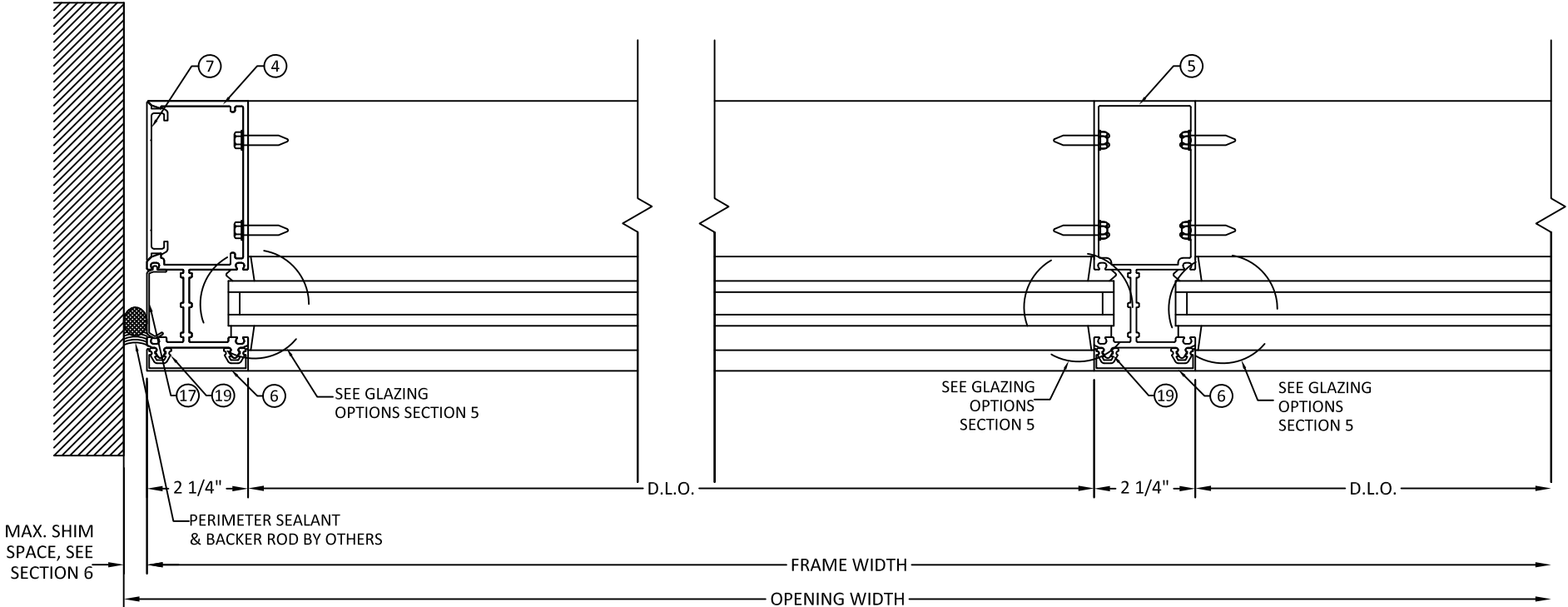
SECTION:

3.0

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VERTICAL MULLION DETAILS

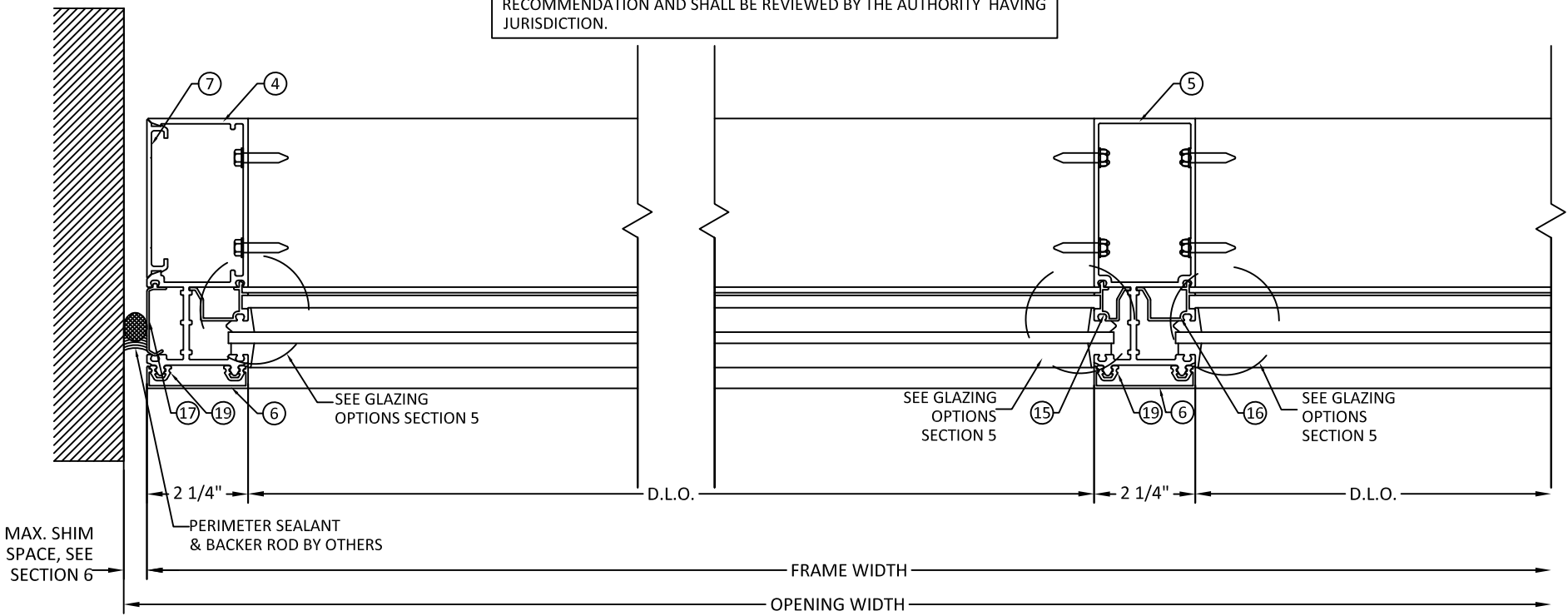


1
4.0 VERTICAL DETAIL
STANDARD JAMB
INSULATING GLASS

2
4.0 VERTICAL DETAIL
MULLION
INSULATING GLASS

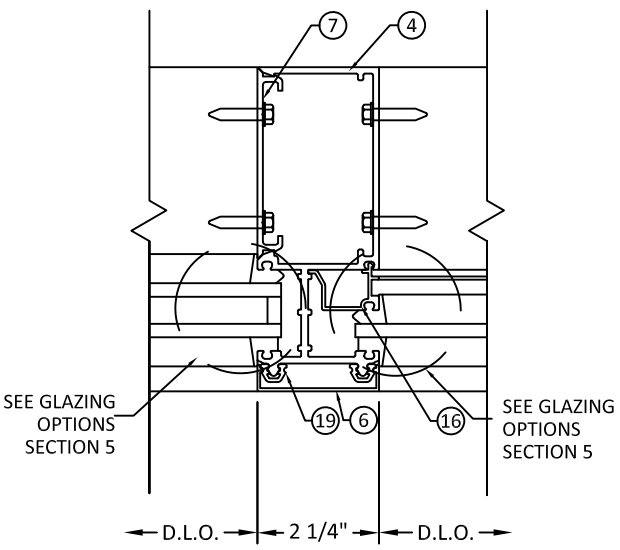
NOTE:
JOINT AT JAMBS IS NON-STRUCTURAL AND SHALL BE SUFFICIENT TO
PROVIDE PROPER WEATHERPROOFING. SEALANT JOINT SIZE MAY VARY IN
ACCORDANCE WITH SEALANT MANUFACTURER'S GUIDELINES AND
RECOMMENDATION AND SHALL BE REVIEWED BY THE AUTHORITY HAVING
JURISDICTION.

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

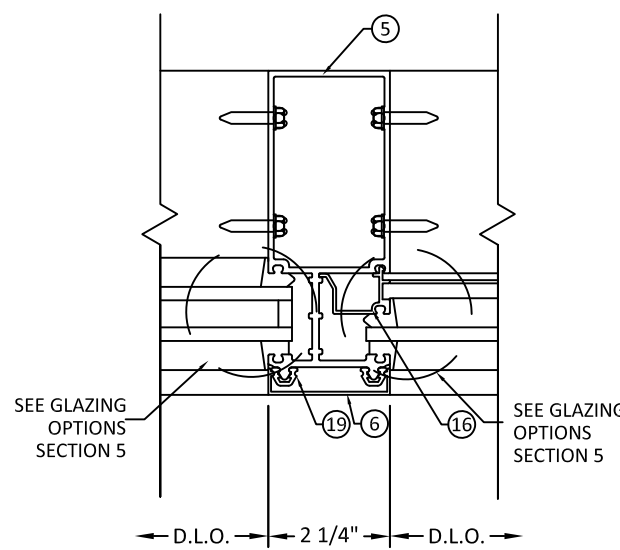


3
4.0 VERTICAL DETAIL
STANDARD JAMB
MONOLITHIC GLASS

4
4.0 VERTICAL DETAIL
MULLION
MONOLITHIC GLASS



5
4.0 VERTICAL DETAIL
OPTIONAL JAMB
INSULATING/MONOLITHIC GLASS



6
4.0 VERTICAL DETAIL
OPTIONAL JAMB
INSULATING/MONOLITHIC GLASS



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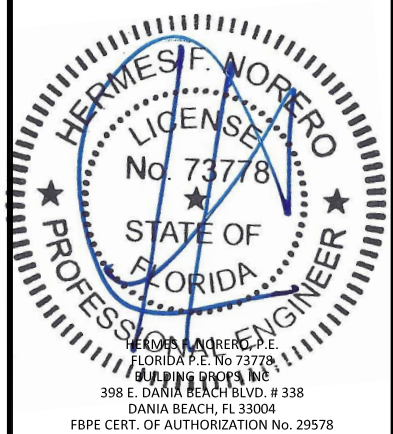
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VERTICAL MULLION DETAILS

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SCALE: **NTS**

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SECTION:
4.0

SHEET 4 OF 13

STANDARD MULLION CAPACITY CHARTS

NOTES

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

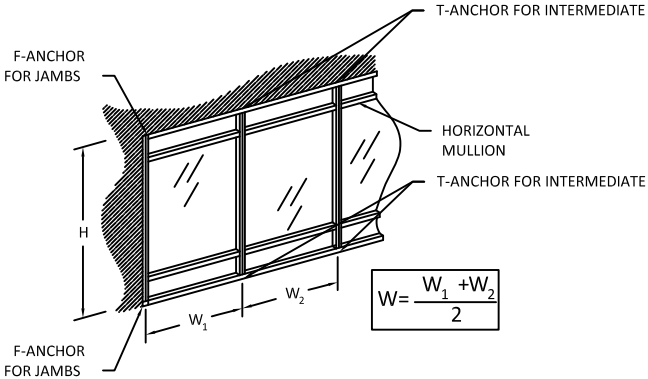
STANDARD DUTY HORIZONTAL MULLIONS (+/- PSF)	
WIDTH, W (in) 'Span'	Ext. (+) Int. (-)
48	90

* 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.

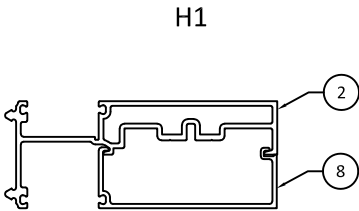
VERTICAL MEMBER SINGLE SPAN NOTES:

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

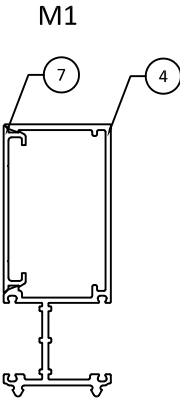


SINGLE SPAN

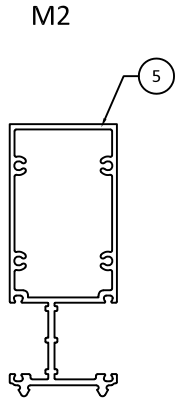
REINFORCING LENGTH = FRAME HEIGHT - 12 IN.



INTERMEDIATE HORIZONTAL
(165102)



JAMBS AND VERTICAL INTERMEDIATE
(165110)



VERTICAL INTERMEDIATE
(165099)



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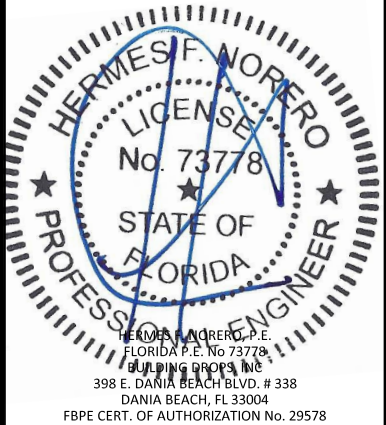
TITLE:
2250 SYSTEM CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)
MULLION CAPACITY CHART

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

SCALE: NTS

DWG. #: KAW010

SECTION:

4.1

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STANDARD MULLION CAPACITY CHARTS

DESIGN PRESSURE TABLE: HORIZONTAL MULLION CAPACITY			DESIGN PRESSURE TABLE: VERTICAL SECTION 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)	MULLION M2 (+/- PSF)
36	87	90.0	36	87	90.0	90.0
	90	90.0	39		90.0	90.0
	93	90.0	42		90.0	90.0
	96	90.0	45		90.0	90.0
	99	90.0	48		90.0	90.0
	102	90.0	51		90.0	90.0
	105	90.0	53		90.0	90.0
	108	90.0	54		90.0	90.0
	111	85.7	55		90.0	90.0
	114	79.1	36	90	90.0	90.0
	117	73.2	39		90.0	90.0
	120	67.9	42		90.0	90.0
	123	63.0	45		90.0	90.0
	126	58.6	48		90.0	90.0
39	134	48.7	51		90.0	90.0
	87	90.0	53	93	90.0	90.0
	90	90.0	36		90.0	90.0
	93	90.0	39		90.0	90.0
	96	90.0	42		90.0	90.0
	99	90.0	45		90.0	90.0
	102	90.0	48		90.0	90.0
	105	90.0	51		90.0	90.0
	108	85.9	36	96	90.0	90.0
	111	79.1	39		90.0	90.0
	114	73.1	42		90.0	90.0
	117	67.6	45		90.0	90.0
	120	62.6	48		90.0	90.0
	123	58.2	36	99	90.0	90.0
42	87	90.0	39		90.0	90.0



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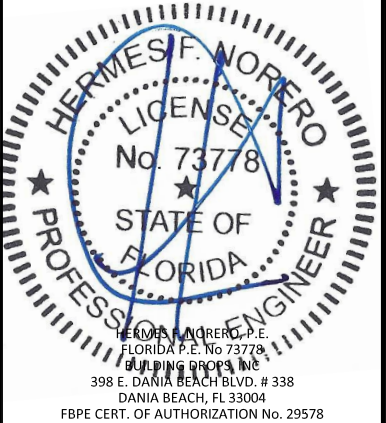
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FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL9942

DATE: 07.10.20

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

SCALE: NTS

DWG. #: KAW010

SECTION:

4.2

SHEET 6 OF 13

STANDARD MULLION CAPACITY CHARTS

DESIGN PRESSURE TABLE: HORIZONTAL MULLION CAPACITY			DESIGN PRESSURE TABLE: VERTICAL SECTION 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)	MULLION M2 (+/- PSF)
42	90	90.0	42	99	90.0	90.0
	93	90.0	45		90.0	90.0
	96	90.0	48		90.0	90.0
	99	90.0	36	102	90.0	90.0
	102	90.0	39		90.0	90.0
	105	86.8	42		90.0	90.0
	108	79.8	45		90.0	90.0
	111	73.5	36	105	90.0	90.0
	114	67.8	39		90.0	90.0
			42		90.0	90.0
45	87	90.0	45		90.0	90.0
	90	90.0	36	108	90.0	90.0
	93	90.0	39		90.0	90.0
	96	90.0	42		89.7	90.0
	99	90.0	36	111	90.0	90.0
	102	85.9	39		86.9	90.0
	105	81.0	42		82.1	86.6
			36	114	85.1	90.0
48	87	90.0	39		79.8	85.1
	90	90.0	42		75.3	79.7
	93	90.0	36	117	78.3	84.5
	96	90.0	39		73.4	78.6
	99	85.5	36	120	72.3	78.2
51	87	90.0	39		67.7	72.6
	90	90.0	36	123	66.8	72.5
	93	90.0	39		62.6	67.3
53	87	90.0	36	126	61.9	67.3
54	87	90.0	36	134	51.0	55.8
55	87	90.0				



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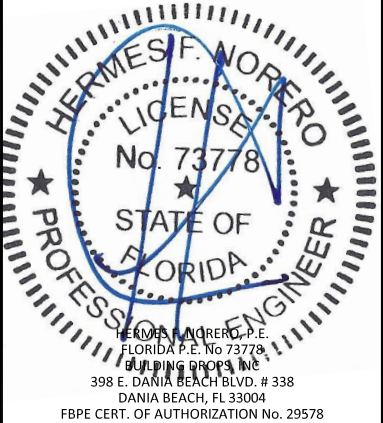
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SECTION:
4.3

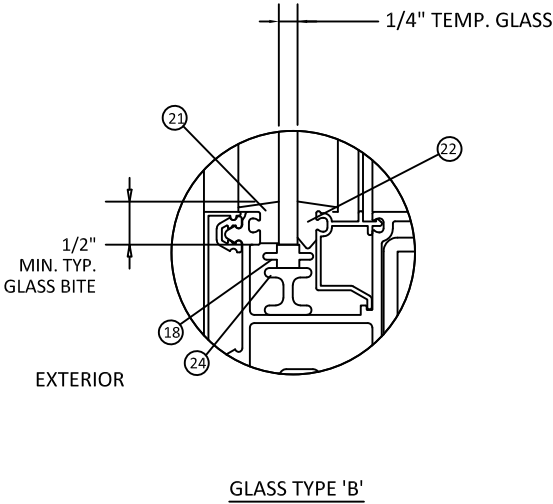
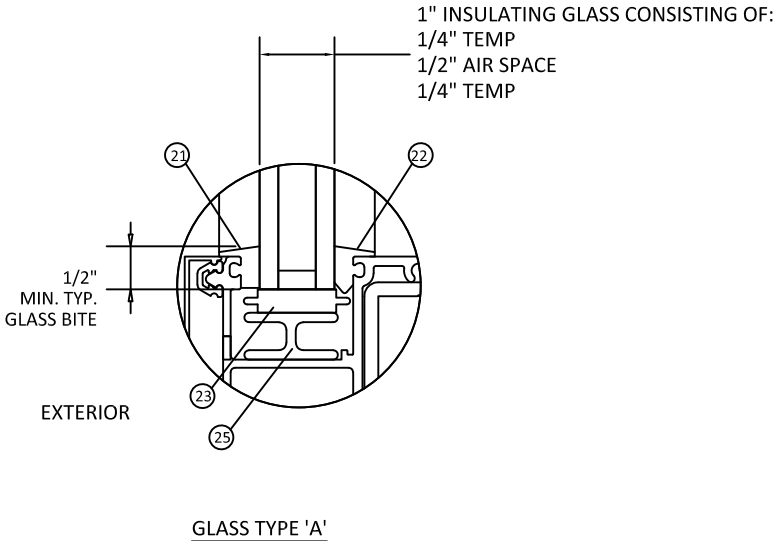
SHEET 7 OF 13

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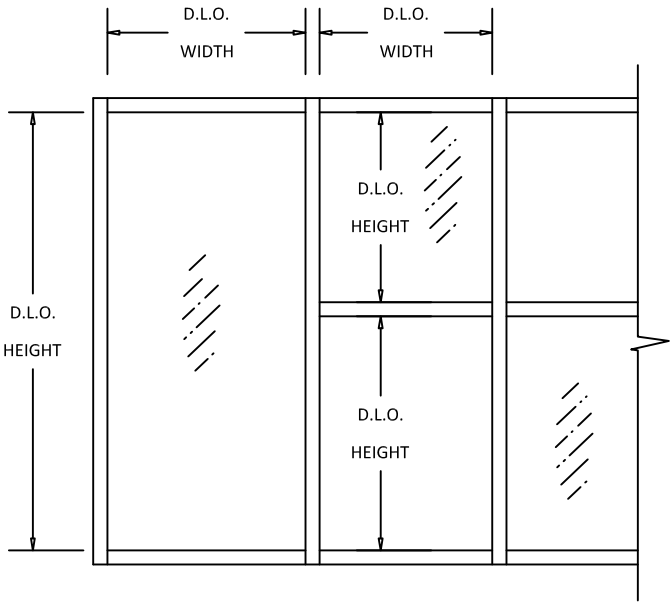
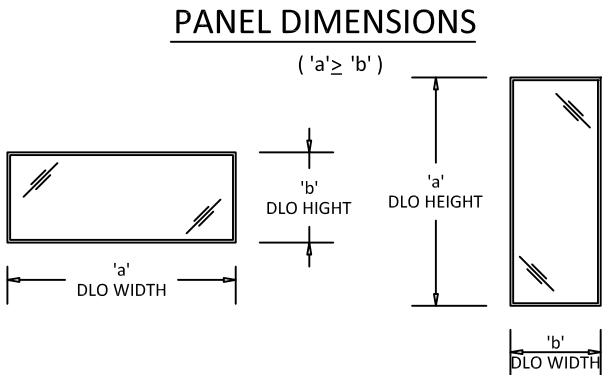
MONOLITHIC AND INSULATING NON IMPACT GLASS OPTIONS

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



- * 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.



555 GUTHRIDGE CT
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PH: (770) 840-6431

TITLE:
2250 SYSTEM 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)399-8478
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. #: KAW010

SECTION:

5.0

SHEET 8 OF 13

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'
31.5	82.5	90.0
	85.5	90.0
	88.5	90.0
	91.5	90.0
	94.5	90.0
	97.5	90.0
	100.5	90.0
	103.5	90.0
	106.5	90.0
	109.5	90.0
	112.5	90.0
	115.5	90.0
	118.5	90.0
	121.5	90.0
	129.5	90.0
34.5	82.5	90.0
	85.5	90.0
	88.5	90.0
	91.5	90.0
	94.5	90.0
	97.5	90.0
	100.5	90.0
	103.5	90.0
	106.5	90.0
	109.5	90.0
	112.5	90.0
	115.5	90.0
	118.5	90.0
37.5	82.5	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'
37.5	85.5	90.0
	88.5	90.0
	91.5	90.0
	94.5	90.0
	97.5	90.0
	100.5	90.0
	103.5	90.0
	106.5	90.0
40.5	109.5	90.0
	82.5	90.0
	85.5	90.0
	88.5	90.0
	91.5	90.0
	94.5	90.0
	97.5	90.0
	100.5	90.0
43.5	82.5	90.0
	85.5	90.0
	88.5	90.0
	91.5	90.0
	94.5	90.0
46.5	82.5	88.5
	85.5	88.5
	88.5	88.5
48.5	82.5	84.9
	85.5	84.9
49.5	82.5	83.2
50.5	82.5	81.5

GLASS TABLE NOTES:

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



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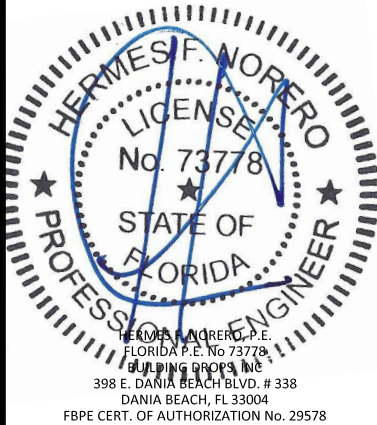
TITLE:
2250 SYSTEM CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)
GLASS CAPACITY CHART

PREPARED BY:
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REMARKS	BY	DATE

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FL9942

DATE: 07.10.20

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SCALE: NTS

DWG. #: KAW010

SECTION:

5.1

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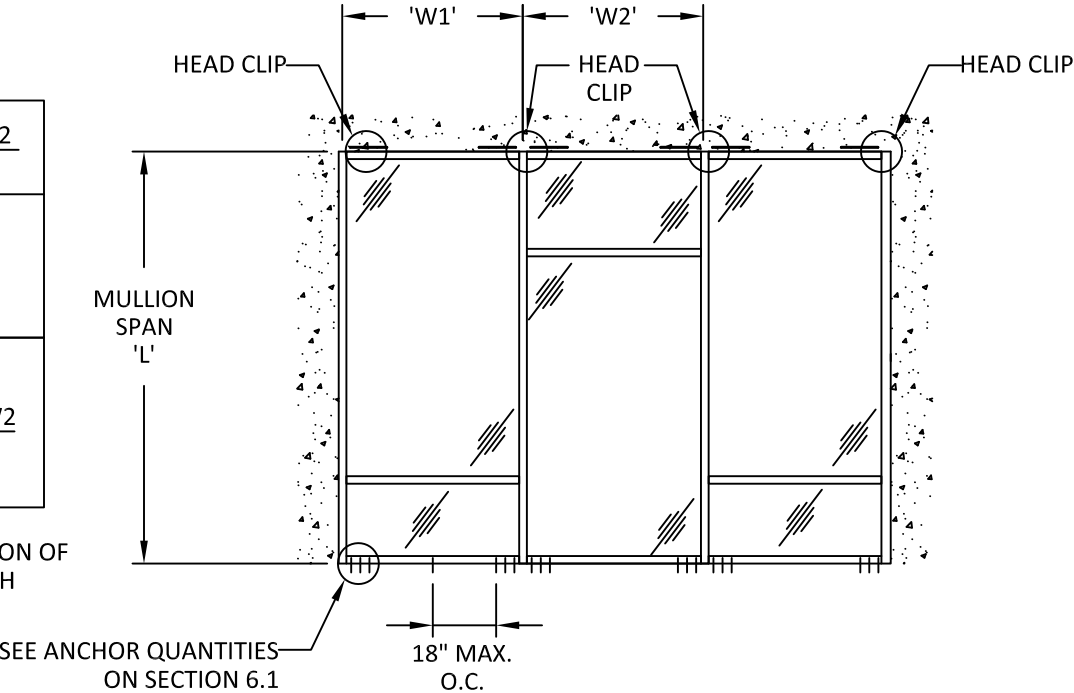
ANCHOR TYPES

TYPE	DIAMETER	ANCHOR TYPE	SUBSTRATE	MINIMUM EDGE DISTANCE	MINIMUM EMBEDMENT
A	3/8	SS LAG SCREW	2X WOOD FRAME OR BUCK (MIN SG. = 0.55)	1"	1 1/4"
B	1/4"	ELCO ULTRACON, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILITI KWIK-CON II	MIN. 2,500 PSI CONCRETE 'CRACKED OR UNCRAKED'	1 3/4"	1 1/4"
C	1/4"	GR. 5 SELF TAPPING OR SELF DRILLING SCREW	MIN. 1/8" THICK A36 STEEL, MIN. 16 GAUGE Fy = 50 KSI METAL STUD, MIN. 1/8" THICK 6063-T5 ALUM.	1/2"	MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE

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

*REFER TO SECTION 4 FOR ILLUSTRATION OF
DETERMINING MAX. TRIBUTARY WIDTH

- NOTE:
1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. REFER TO ANCHOR LAYOUTS AT RIGHT FOR LOCATIONS AND DETERMINING MAX. LENGTHS (L) AND TRIBUTARY WIDTHS (W).
 3. 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.
 4. REFER TO SECTION 3 DETAILS FOR ANCHOR CONFIGURATIONS.
 5. REFER TO SECTION 6.1 DETAILS FOR ANCHOR TYPE CAPACITIES.
 6. HEAD CLIPS SHALL BE INSTALLED ADJACENT TO VERTICAL MULLIONS.



ANCHOR LAYOUT



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ANCHOR TYPES

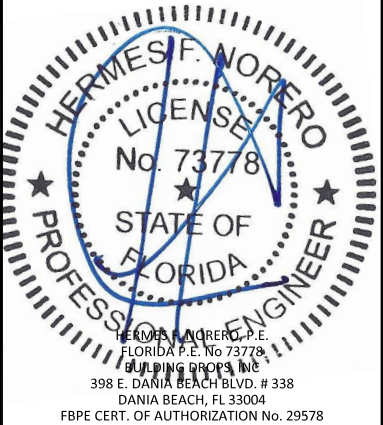
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ANCHOR CAPACITIES

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)							
MAX. AVG. WIDTH 'W' (IN)	MAX. SPAN HEIGHT 'H' (IN)	ANCHOR TYPE 'A2' WITH 3/4 IN SHIM	ANCHOR TYPE 'A3' WITH 1 IN SHIM	ANCHOR TYPE 'B2' WITH 3/4 IN SHIM	ANCHOR TYPE 'B3' WITH 1 IN SHIM	ANCHOR TYPE 'C2' WITH 3/4 IN SHIM	ANCHOR TYPE 'C3' WITH 1 IN SHIM
36	87	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	90.0	70.0	90.0	70.0	90.0
45		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
51		70.0	90.0	70.0	90.0	70.0	90.0
53		70.0	90.0	70.0	90.0	70.0	90.0
54		70.0	89.0	70.0	90.0	70.0	90.0
55		70.0	87.4	70.0	90.0	70.0	90.0
36	90	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	90.0	70.0	90.0	70.0	90.0
45		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
51		70.0	90.0	70.0	90.0	70.0	90.0
53		70.0	87.6	70.0	90.0	70.0	90.0
36	93	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	90.0	70.0	90.0	70.0	90.0
45		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
51		70.0	88.1	70.0	90.0	70.0	90.0
36	96	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	90.0	70.0	90.0	70.0	90.0
45		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
36	99	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	90.0	70.0	90.0	70.0	90.0
45		70.0	90.0	70.0	90.0	70.0	90.0
48		70.0	88.0	70.0	90.0	70.0	90.0
36	102	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	90.0	70.0	90.0	70.0	90.0
45		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 'A2' WITH 3/4 IN SHIM	ANCHOR TYPE 'A3' WITH 1 IN SHIM	ANCHOR TYPE 'B2' WITH 3/4 IN SHIM	ANCHOR TYPE 'B3' WITH 1 IN SHIM	ANCHOR TYPE 'C2' WITH 3/4 IN SHIM	ANCHOR TYPE 'C3' WITH 1 IN SHIM
36	105	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	90.0	70.0	90.0	70.0	90.0
45		70.0	88.5	70.0	90.0	70.0	90.0
36	108	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	90.0	70.0	90.0	70.0	90.0
36	111	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	89.7	70.0	90.0	70.0	90.0
36	114	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
42		70.0	87.3	70.0	90.0	70.0	90.0
36	117	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	90.0	70.0	90.0	70.0	90.0
36	120	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	89.3	70.0	90.0	70.0	90.0
36	123	70.0	90.0	70.0	90.0	70.0	90.0
39		70.0	87.2	70.0	90.0	70.0	90.0
36	126	70.0	90.0	70.0	90.0	70.0	90.0
36	134	70.0	86.7	70.0	90.0	70.0	89.6

NOTE:

IN TABLE TITLE, "ANCHOR TYPE" FOLLOWED BY TWO (2), REPRESENTS TWO (2) ANCHORS PER CLIP.

"ANCHOR TYPE" FOLLOWED BY THREE (3), REPRESENTS THREE (3) ANCHORS PER CLIP.



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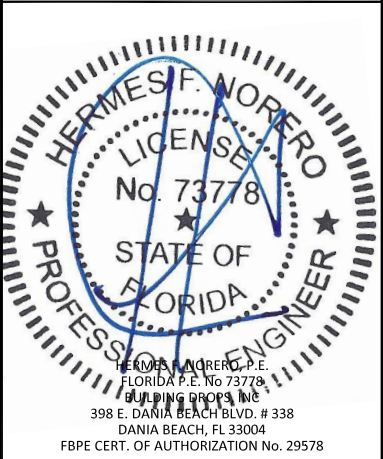
TITLE:
2250 SYSTEM CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)

ANCHORS CAPACITIES

PREPARED BY:
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REMARKS	BY	DATE

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FL9942

DATE: **07.10.20**

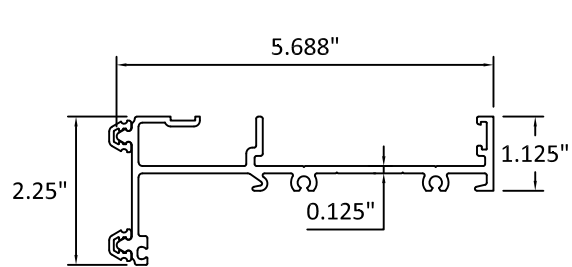
DWG. BY: **E.R.** CHK. BY: **HFN**

SCALE: **NTS**

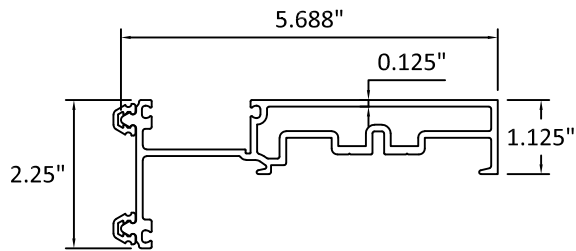
DWG. #: **KAW010**

SECTION:
6.1

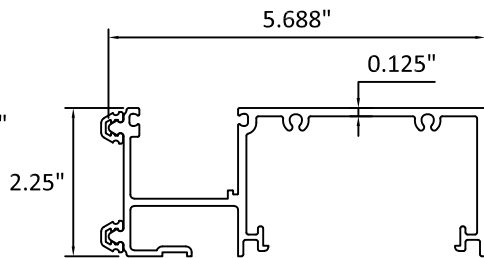
SHEET 11 OF 13



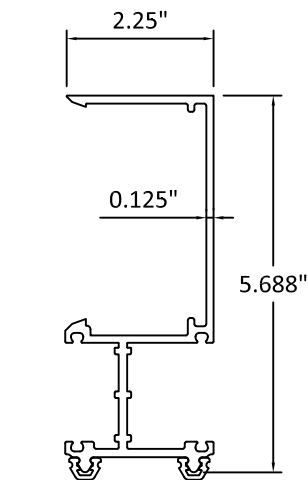
① FRAME HEAD



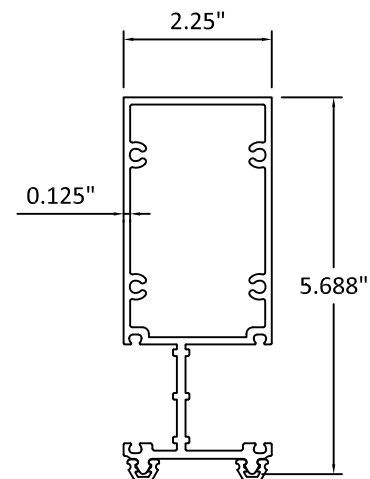
② INTERMEDIATE HORIZONTAL



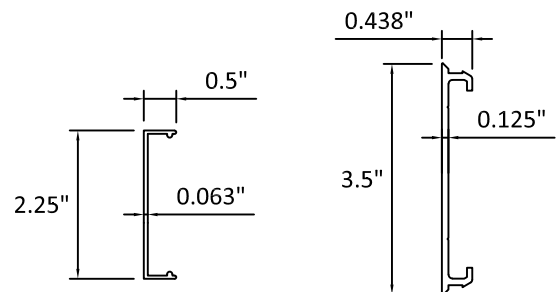
③ FRAME SILL



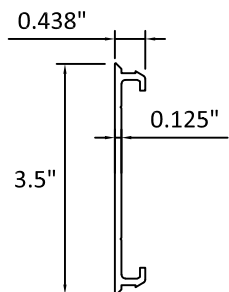
④ FRAME SIDES AND VERTICAL
(FEMALE HALF)



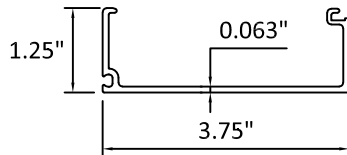
⑤ VERTICAL INTERMEDIATE



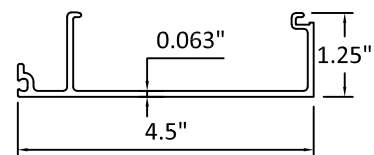
⑥ COVER



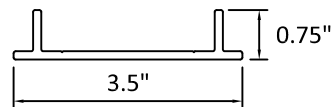
⑦ FRAME INTERMEDIATE
(MALE HALF)



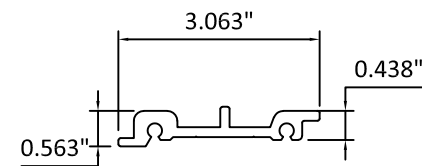
⑧ I.G. GLASS STOP



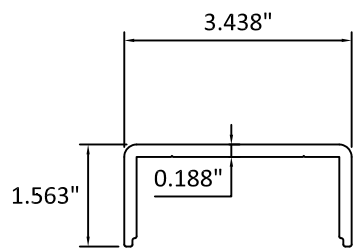
⑨ NON-I.G. GLASS STOP



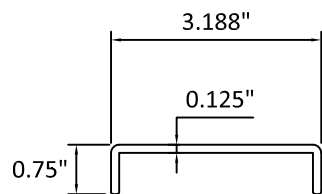
⑩ HEAD TRANSFER CLIP



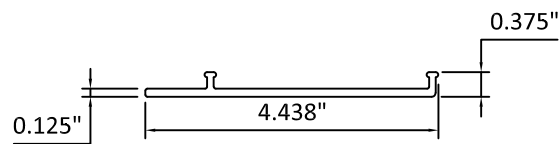
⑪ SHEAR BLOCK



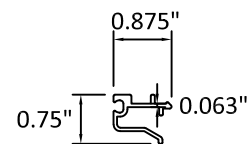
⑫ SILL TRANSFER CLIP



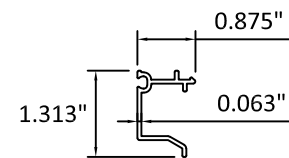
⑬ HEAD ANCHOR CLIP



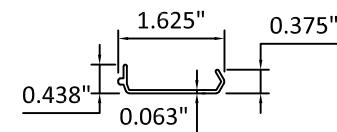
⑭ SILL ANCHOR CLIP



⑮ NON I.G. ADAPTOR



⑯ NON I.G. ADAPTOR



⑰ FRAME FILLER



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TITLE:
2250 SYSTEM CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)

COMPONENTS

PREPARED BY:

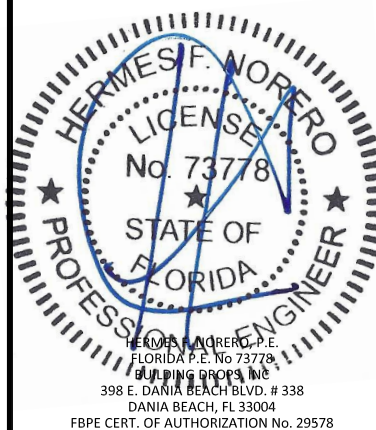
BUILDING DROPS, INC.

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REMARKS	BY	DATE

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SCALE: NTS

DWG. #: KAW010

SECTION:

7.0

SHEET 12 OF 13

BILL OF MATERIALS			
ITEM	PART NO.	DESCRIPTION	MATERIAL
1	165100	FRAME HEAD - 6 IN. SYSTEM	6063-T6
2	165102	6 IN. SHEAR BLOCK HORIZONTAL	6063-T6
3	165101	SILL/JAMB - 6 IN. SYSTEM	6063-T6
4	165110	6 IN. VERTICAL FEMALE HALF	6063-T6
5	165099	6 IN. SCREW SPLINE VERTICAL	6063-T6
6	165002	COVER	6063-T6
7	165016	VERTICAL INTERMEDIATE (MALE HALF)	6063-T6
8	164011	I.G. GLASS STOP	6063-T6
9	164012	NON- I.G. GLASS STOP	6063-T6
10	165418	HEAD TRANSFER CLIP	6063-T6
11	163310	SHEAR BLOCK	6063-T6
12	165467	SILL TRANSFER CLIP	6063-T6
13	165105	HEAD ANCHOR CLIP	6063-T6
14	165103	SILL ANCHOR CLIP	6063-T6
15	163006	NON IG GLASS ADAPTOR	6063-T6
16	163007	NON IG GLASS ADAPTOR (SILL)	6063-T6
17	165155	FRAME FILLER	6063-T6
18	165437	SETTING BLOCK CHAIR FOR 1/4" GLASS	6063-T6
19	165459	SETTING BLOCK CHAIR	6063-T6
20	165301	TERMAL CLIP	POLYPROPYLENE
21	163301	FIXED GASKET ASSEMBLY	SHORE "A" 60 DUROMETER EPDM
22	27851	WEDGE GASKET	SHORE "A" 70 DUROMETER EPDM
23	127016	SETTING BLOCK FOR 1" I.G. GLASS	SHORE "A" 85 DUROMETER EPDM
24	127017	SETTING BLOCK FOR 1/4" I.G. GLASS	SHORE "A" 85 DUROMETER EPDM
25	165437	SETTING BLOCK CHAIR FOR 1" I.G. GLASS	6063-T6
26	28-334	10-24 X 3/8" P.H.S.T. SCREW	2 PER CLIP
27	128293	No.12 X 5/8" P.H.T.F. SCREW	2 PER SHEAR BLOCK
28	128510	No. 12 X 1 1/2" AB HWHTF	4 AT EACH VERTICAL
29	128394	No.12 X 1 7/8" B P.H.T.F. SCREW	2 PER SHEAR BLOCK



555 GUTHRIDGE CT
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PH: (770) 840-6431

TITLE:
2250 SYSTEM CURTAIN WALL
(NON-HVHZ)/(NON-IMPACT)

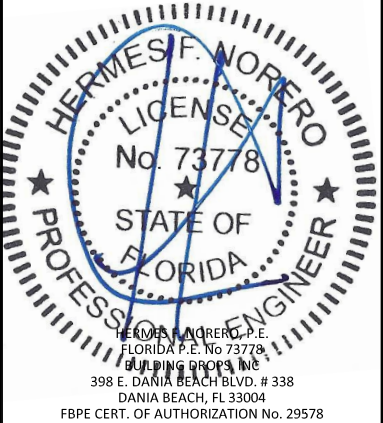
BILL OF MATERIALS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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



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 #:
FL9942

DATE: **07.10.20**

DWG. BY:
E.R.

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **KAW010**

SECTION:
7.1

SHEET13 OF 13