

6/30/2023 9:21 AM

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YKK AP AMERICA, Inc.

YCW 750 SPLINETECH® CURTAIN WALL SYSTEM

(NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

1. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
2. INSTALL INDIVIDUAL ANCHORS WITHIN A TOLERANCE OF +/- 1/2 INCH OF THE DEPICTED LOCATION AS SPECIFIED. TOLERANCES ARE NOT CONSIDERED CUMULATIVE FROM ONE LOCATION TO THE NEXT.
3. USE 3/8" HILTI KWIK BOLT 3, 1/2" HILTI HAS SUPER ROD WITH HVU CAPSULE ADHESIVE, OR 1/2" POWERS WEDGE BOLT ANCHORS INTO CONCRETE. SEE SECTION 6 FOR ANCHOR REQUIREMENTS.
4. USE 1/2" ASTM A325 STEEL HH THREADED BOLT ANCHORS (DRILL & TAP) THROUGH STEEL. SEE SECTION 6 FOR ANCHOR REQUIREMENTS.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.SEE SECTION 6 FOR ANCHOR REQUIREMENTS.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. 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.
8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
 - B. STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 1/4 WALL THICKNESS.

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ, AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA 501-15
 - ASTM E 283-19
 - ASTM E 330-14
 - ASTM E 331-00(16)
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND STEEL 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.
3. STEEL (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. STEEL DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. 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 IN NON-HVHZ AREAS.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. FRAME MATERIAL: 6063-T5 ALUMINUM.
7. ALL STRUCTURAL MATERIALS & DISSILIAR 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.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SECTION 5.0 FOR GLAZING DETAILS.

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SECTION	SECTION DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATION
3	VERTICAL SECTION
4	HORIZONTAL SECTION
5	GLAZING DETAILS & GLASS CAPACITY TABLE
6	F & T ANCHOR & SPLICE DETAILS
7	WIND LOAD / DEAD LOAD DETAILS
8	COMPONENTS & BILL OF MATERIALS

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 3 & 4.
- STEP 4

USING HEAD/SILL ANCHOR DETAILS, SELECT ANCHOR OPTION FROM TABLES ON SECTION 6 & 7 WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5

CHECK INTERMEDIATE ANCHOR CAPACITY FOR MULTIPLE SPANS USING CHARTS OR DETAILS ON SECTION 7.
- STEP 6

THE LOWEST VALUE RESULTING FROM STEPS 2, 3, 4 AND 5 SHALL APPLY TO ENTIRE SYSTEM.



YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

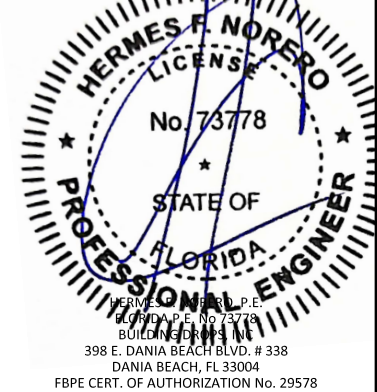
PREPARED BY:

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
A. 2023 FBC CODE UPDATE	MS	04.28.23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.02 13:57:39 -0400



FL #:
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DWG. BY:
ER

CHK. BY:
HFN

SCALE: **NTS**

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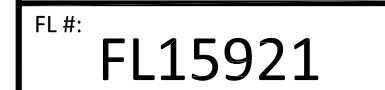
SECTION:

1.0
[PAGE 1 of 29]

EVALUATION



THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL IN NATURE 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.



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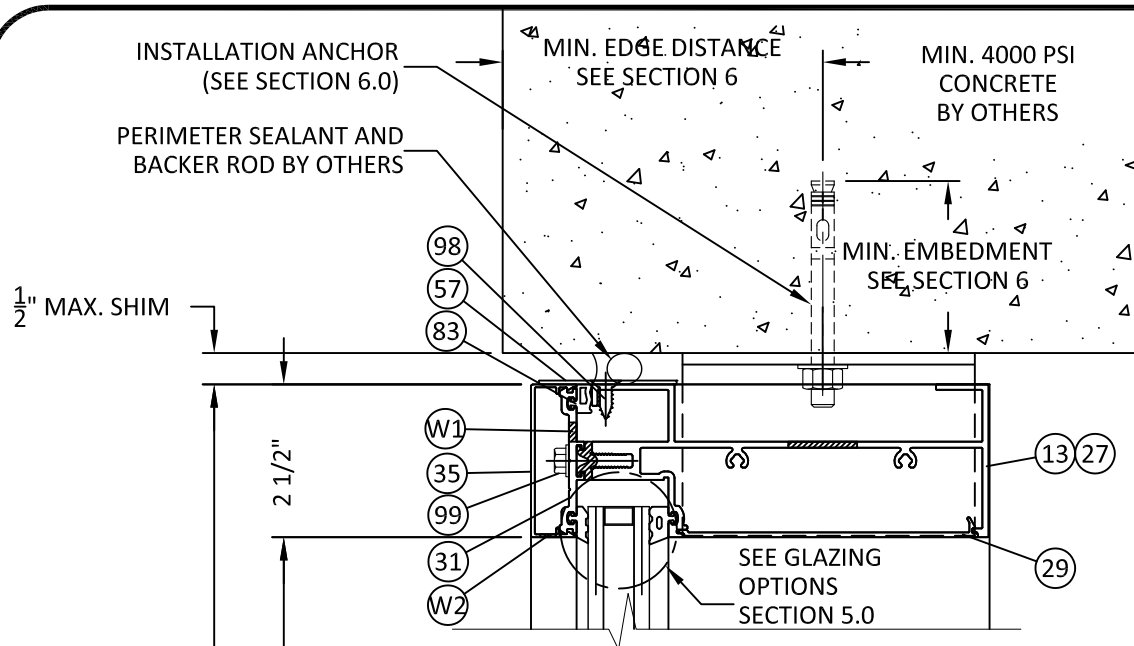
2.0
[PAGE 2 of 29]



ELEVATION SHOWN IS FOR DIAGRAMMATIC PURPOSES ONLY.
VARIOUS CONFIGURATIONS ARE POSSIBLE USING THIS
APPROVAL AND DESIGN PRESSURE CHARTS WITHIN.

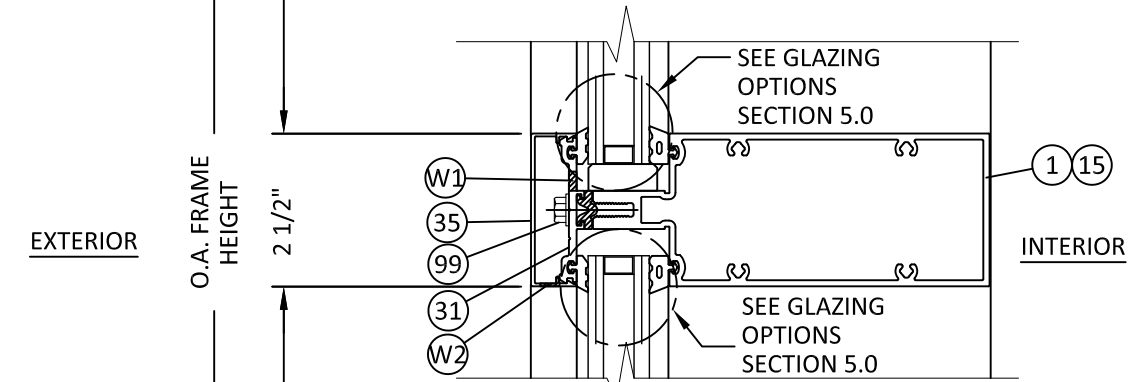
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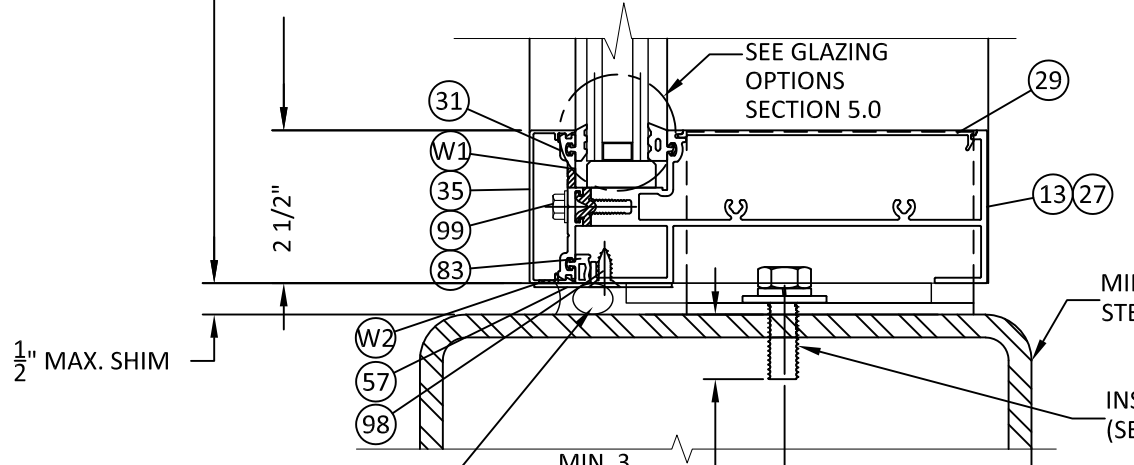


1
3.0 VERTICAL SECTION
7 1/2" HEAD
CONCRETE/MASONRY

1" GLAZING SYSTEM SHOWN
1/4" GLAZING SYSTEM SIMILAR

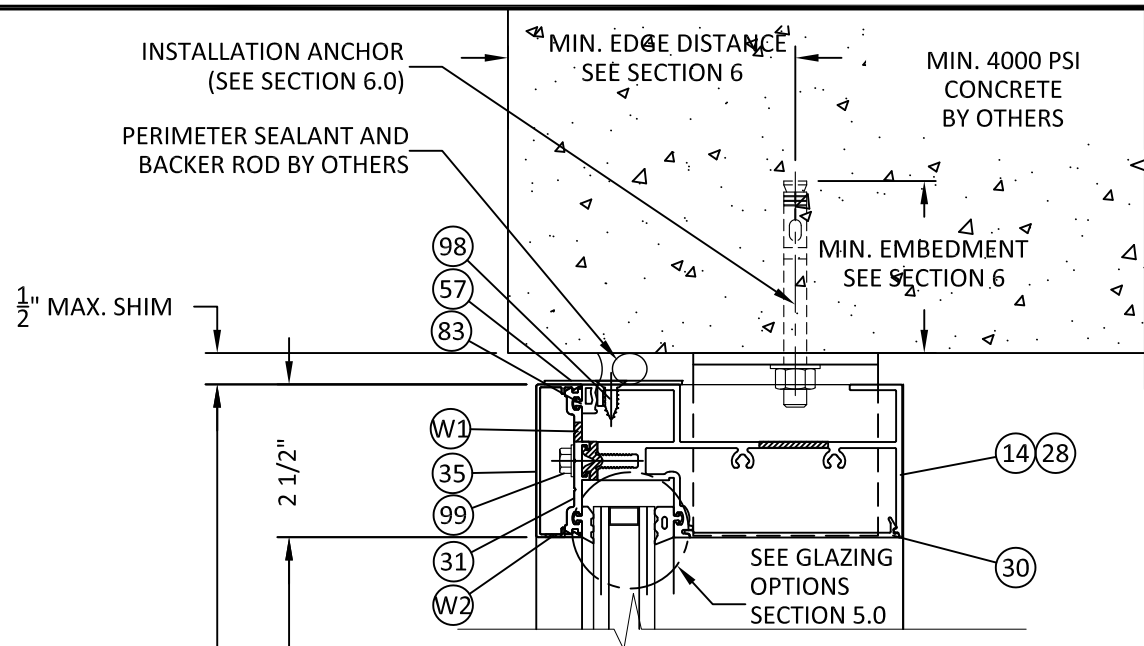


2
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7 1/2" HORIZONTAL

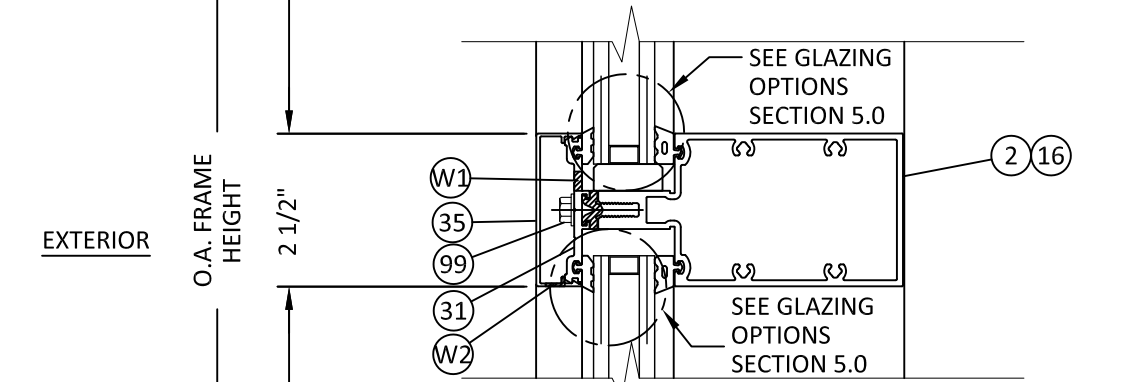


3
3.0 VERTICAL SECTION
7 1/2" SILL
STEEL STUD

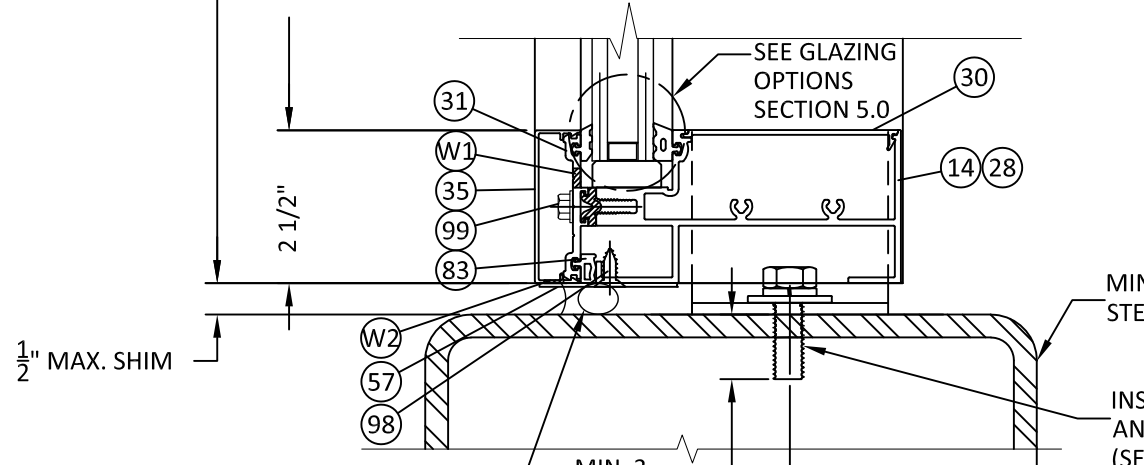
WEEPHOLES:
W1= 5/16"Ø WEEP HOLES TWO PER D.L. OPNG.
=AT 1/3 POINTS FROM VERTICALS
W2= 5/16"Ø WEEP HOLES THREE PER LITE.
=AT 3" FROM VERTICALS AND CENTER OF D.L. OPNG.



4
3.0 VERTICAL SECTION
6" HEAD
CONCRETE/MASONRY



5
3.0 VERTICAL SECTION
6" HORIZONTAL



6
3.0 VERTICAL SECTION
6" SILL
STEEL STUD



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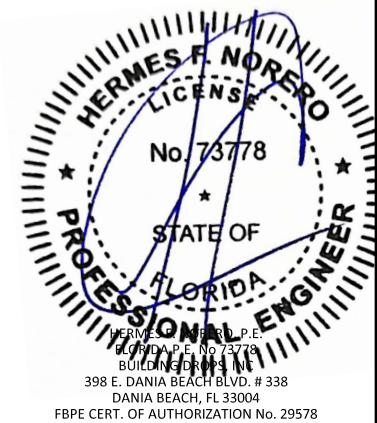
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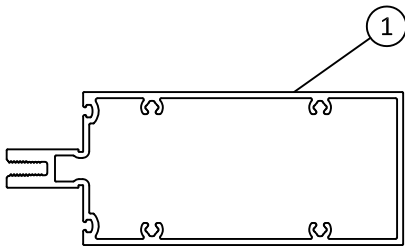
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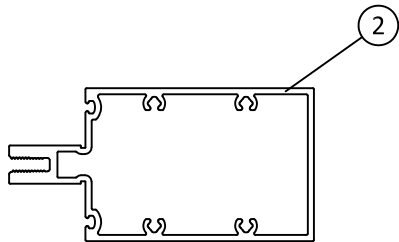
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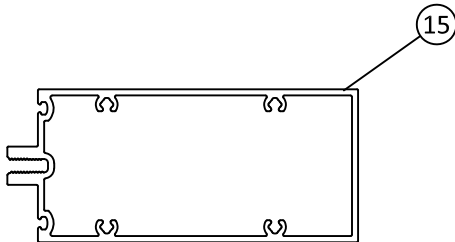
HORIZONTAL MULLIONS



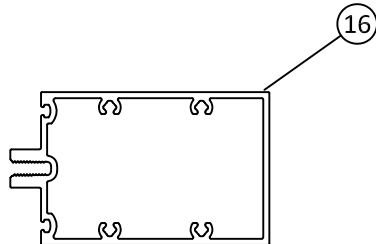
H1 HORIZONTAL MULLION
7 1/2" SYSTEM



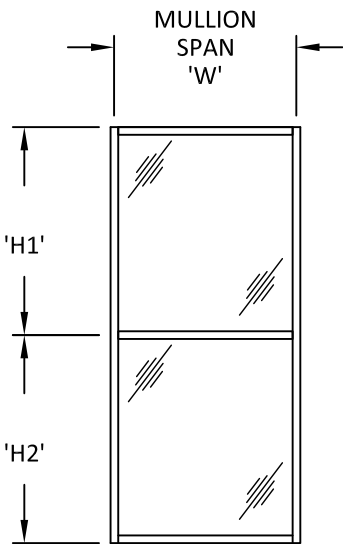
H2 HORIZONTAL MULLION
6" SYSTEM



H3 HORIZONTAL MULLION
6 3/4" SYSTEM



H4 HORIZONTAL MULLION
5 1/4" SYSTEM



MULLION SPACING OR BAY HEIGHT, 'H'	$H = \frac{H1+H2}{2}$
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- NOTES:**
1. TABULATED DESIGN PRESSURE VALUES ARE BASED ON LIMITATIONS OF DEFLECTION, FIBERSTRESS, END REACTION, GIVEN COMBINATIONS OF MULLION SPAN ('W') AND MULLION SPACING ('H').
 2. DESIGN PRESSURES SHALL BE READ AS BOTH POSITIVE AND NEGATIVE PRESSURES.
 3. SYSTEM IS RATED FOR WATER INFILTRATION UP TO A POSITIVE DESIGN PRESSURE OF 45 PSF.
 4. FOR SITE CONDITIONS NOT SPECIFICALLY SHOWN IN THE DETAILS HEREIN FURTHER ENGINEERING MAY BE REQUIRED ON A CASE BY CASE BASIS.



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SECTION:

3.1

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HORIZONTAL MULLIONS DESIGN PRESSURE TABLE

DESIGN PRESSURE TABLE: HORIZONTAL MULLION CAPACITY			
SPAN WIDTH 'W' (INCH)	BAY HEIGHT 'H' (INCH)	MULLION H2 & H4 (PSF)	MULLION H1 & H3 (PSF)
192	42	45.0	45.0
	45	45.0	45.0
	48	39.6	45.0
	51	35.1	45.0
	54	31.3	45.0
	57	28.1	45.0
	60	25.3	45.0
	63	23.0	45.0
	66	20.9	45.0
	69	19.2	45.0
	72	17.6	45.0
	198	42	45.0
45		43.7	45.0
48		38.4	45.0
51		34.0	45.0
54		30.3	45.0
57		27.2	45.0
60		24.6	45.0
63		22.3	45.0
66		20.3	45.0
69		18.6	45.0
204	42	45.0	45.0
	45	42.4	45.0
	48	37.3	45.0
	51	33.0	45.0
	54	29.4	45.0
	57	26.4	45.0
	60	23.8	45.0
	63	21.6	45.0
	66	19.7	45.0
210	42	45.0	45.0
	45	41.2	45.0
	48	36.2	45.0
	51	32.1	45.0
	54	28.6	45.0
	57	25.7	45.0
	60	23.2	45.0
	63	21.0	45.0
	66	19.1	45.0

DESIGN PRESSURE TABLE: HORIZONTAL MULLION CAPACITY			
SPAN WIDTH 'W' (INCH)	BAY HEIGHT 'H' (INCH)	MULLION H2 & H4 (PSF)	MULLION H1 & H3 (PSF)
216	42	45.0	45.0
	45	40.0	45.0
	48	35.2	45.0
	51	31.2	45.0
	54	27.8	45.0
	57	25.0	45.0
	60	22.5	45.0
	63	20.4	45.0
	42	44.7	45.0
	45	39.0	45.0
222	48	34.2	45.0
	51	30.3	45.0
	54	27.0	45.0
	57	24.3	45.0
	60	21.9	45.0
	42	43.5	45.0
228	45	37.9	45.0
	48	33.3	45.0
	51	29.5	45.0
	54	26.3	45.0
	57	23.6	45.0
	60	21.3	45.0
	42	42.4	45.0
234	45	37.0	45.0
	48	32.5	45.0
	51	28.8	45.0
	54	25.7	45.0
	57	23.0	45.0



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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 #:
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SCALE: **NTS**

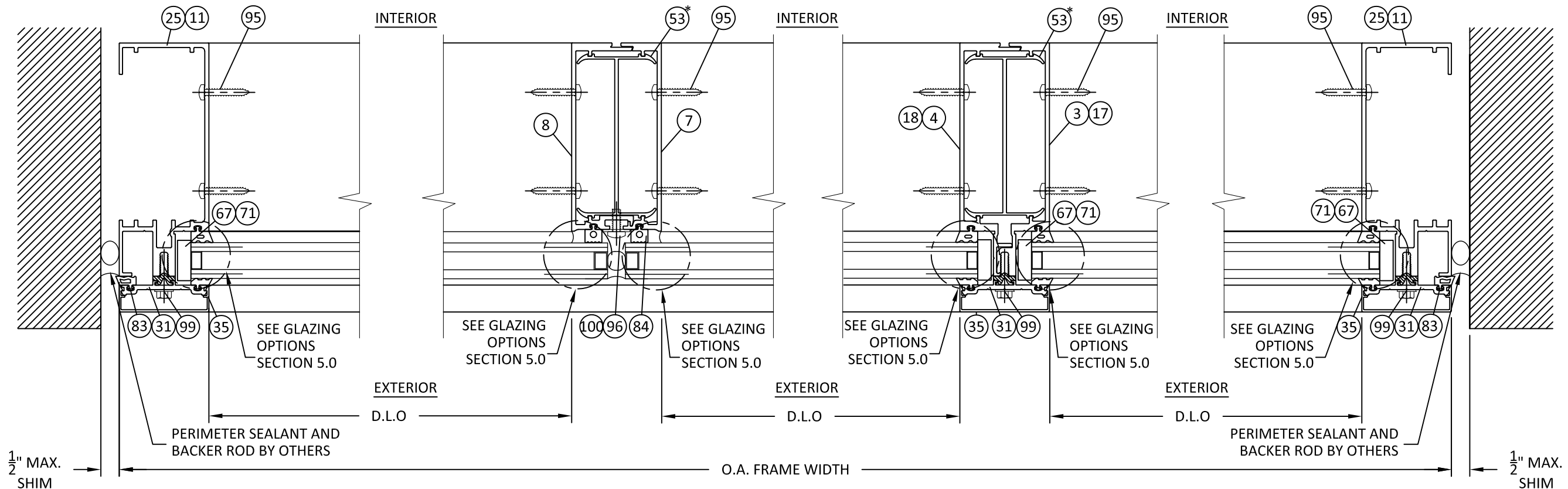
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SECTION:

3.2
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1
4.0 HORIZONTAL SECTION
7 1/2" JAMB MULLION

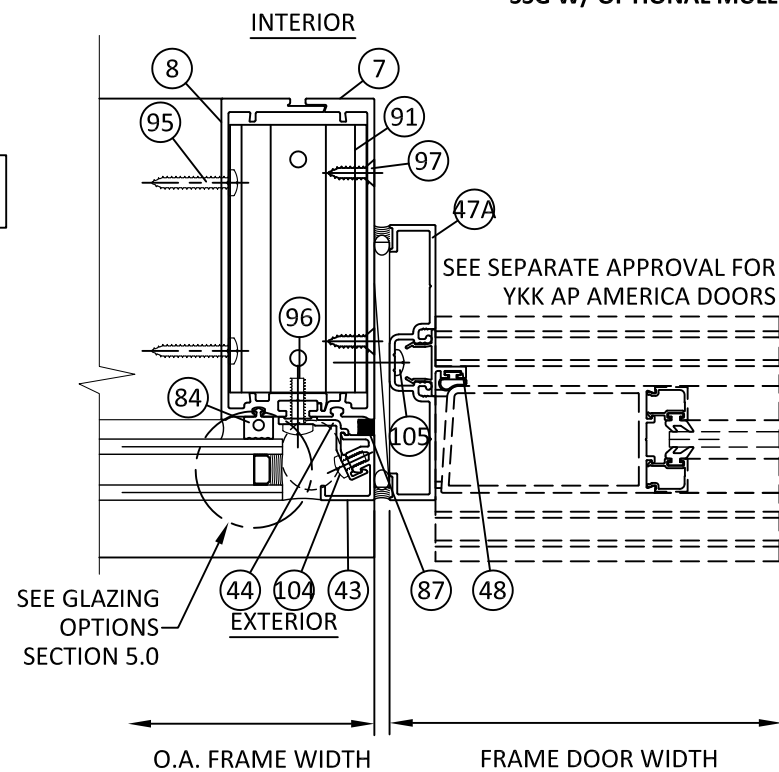
2
4.0 HORIZONTAL SECTION
7 1/2" VERTICAL MULLION
SSG W/ OPTIONAL MULLION CLIP

3
4.0 HORIZONTAL SECTION
7 1/2" VERTICAL MULLION
W/ OPTIONAL MULLION CLIP

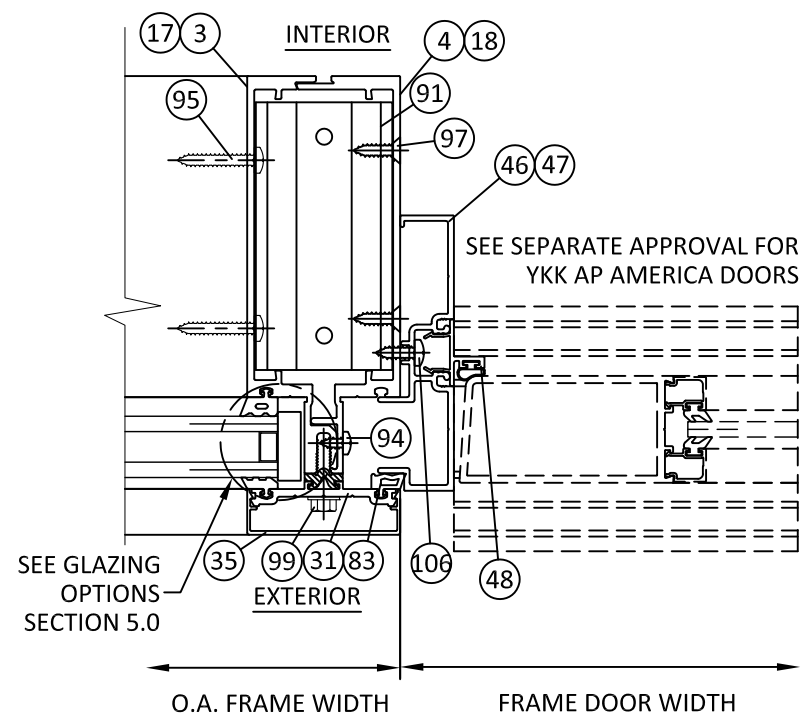
4
4.0 HORIZONTAL SECTION
7 1/2" JAMB MULLION

* MAY BE REQUIRED IN HIGHER
LOAD CONDITIONS

1" GLAZING SYSTEM SHOWN
1/4" GLAZING SYSTEM SIMILAR



5
4.0 HORIZONTAL SECTION
7 1/2" DOOR JAMB MULLION
SSG MULLION



6
4.0 HORIZONTAL SECTION
7 1/2" DOOR JAMB MULLION
CAPTURED MULLION



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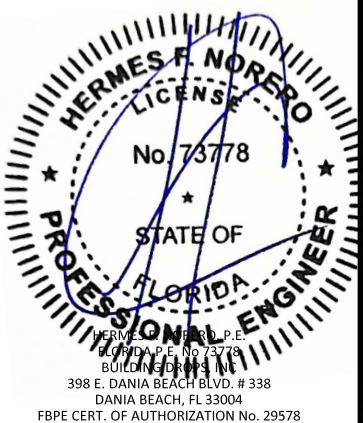
HORIZONTAL SECTION

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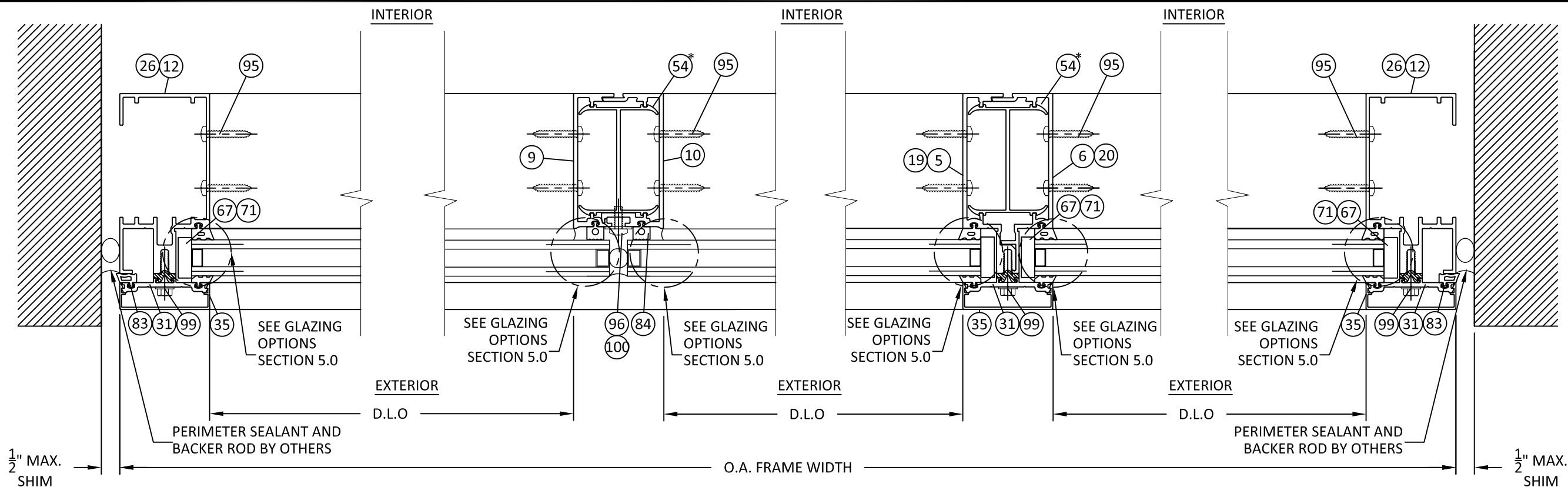
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7 HORIZONTAL SECTION
4.1 6" JAMB MULLION

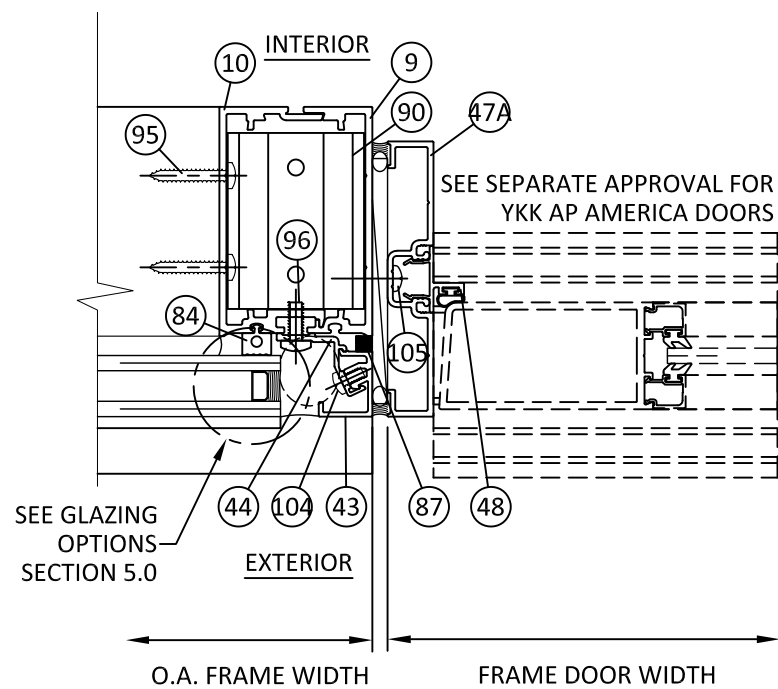
8 HORIZONTAL SECTION
4.1 6" VERTICAL MULLION
SSG W/OPTIONAL MULLION CLIP

9 HORIZONTAL SECTION
4.1 6" VERTICAL MULLION
W/ OPTIONAL MULLION CLIP

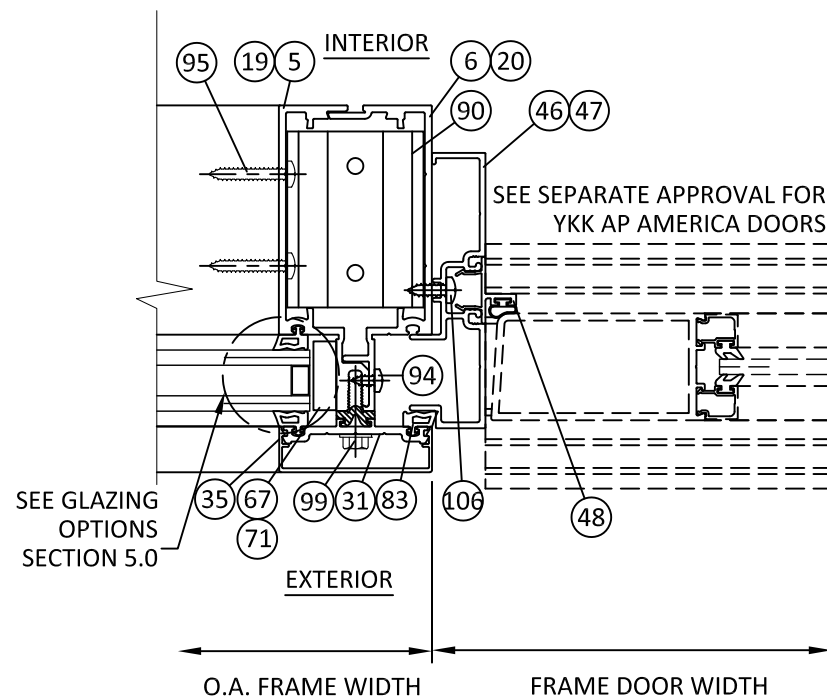
10 HORIZONTAL SECTION
4.1 6" JAMB MULLION

* MAY BE REQUIRED IN HIGHER
LOAD CONDITIONS

1" GLAZING SYSTEM SHOWN
1/4" GLAZING SYSTEM SIMILAR



11 HORIZONTAL SECTION
4.1 6" DOOR JAMB MULLION
SSG MULLION



12 HORIZONTAL SECTION
4.1 6" DOOR JAMB MULLION
CAPTURED MULLION



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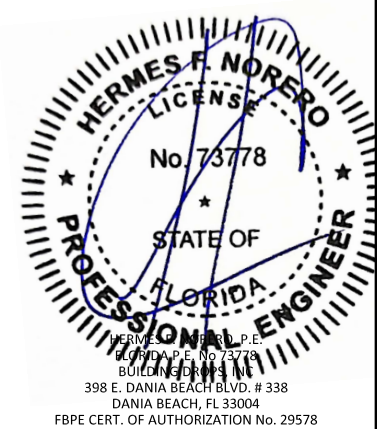
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WEB: www.buildingdrops.com

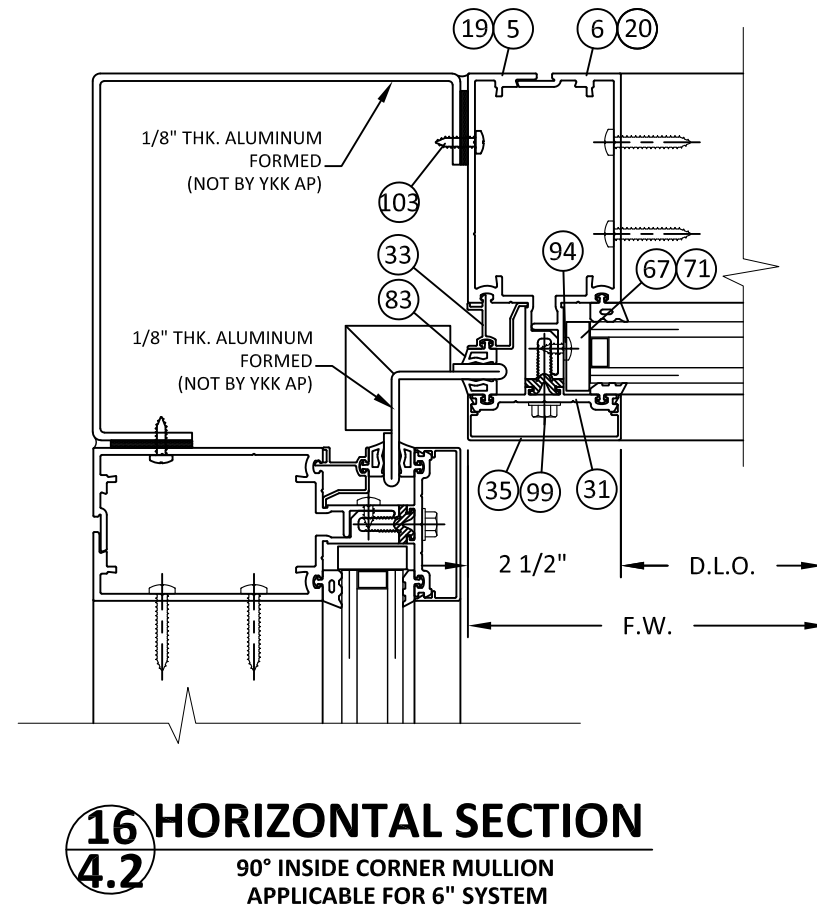
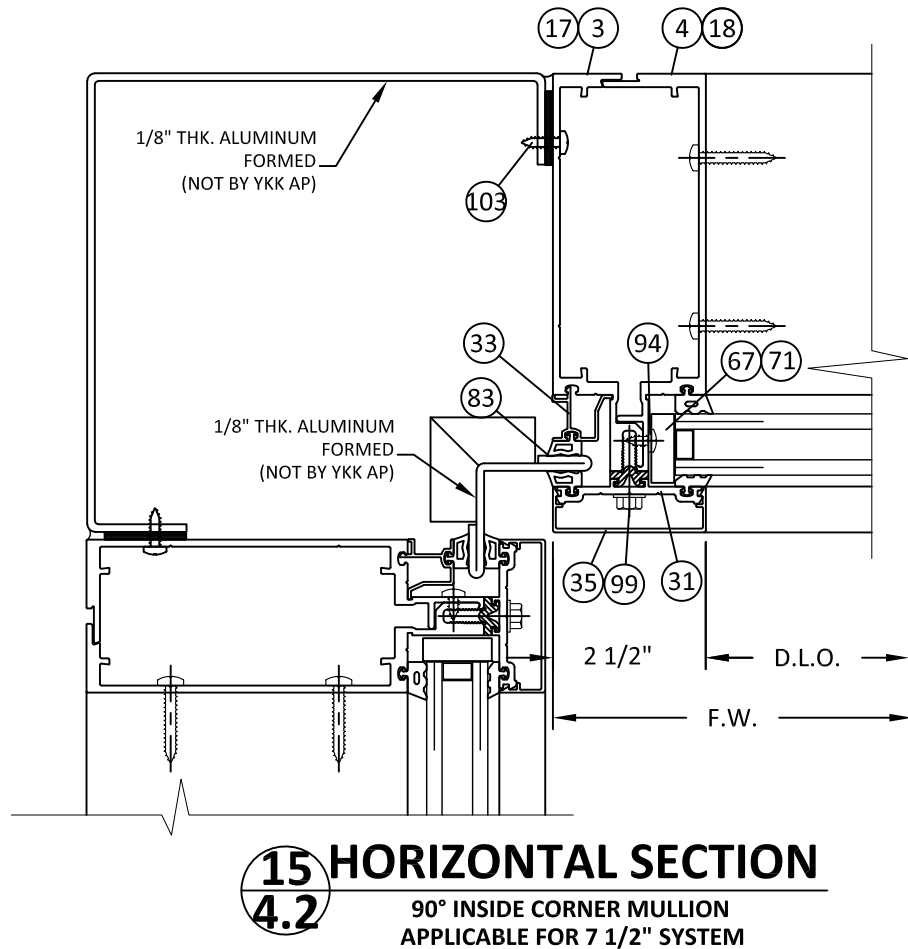
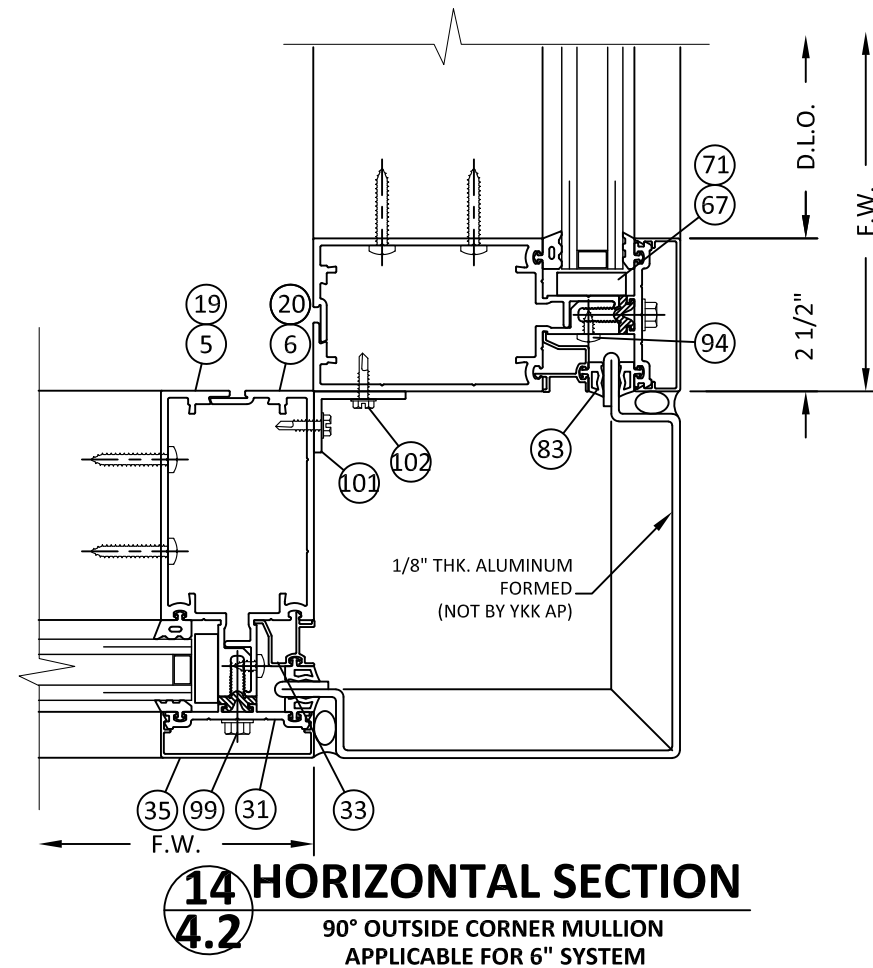
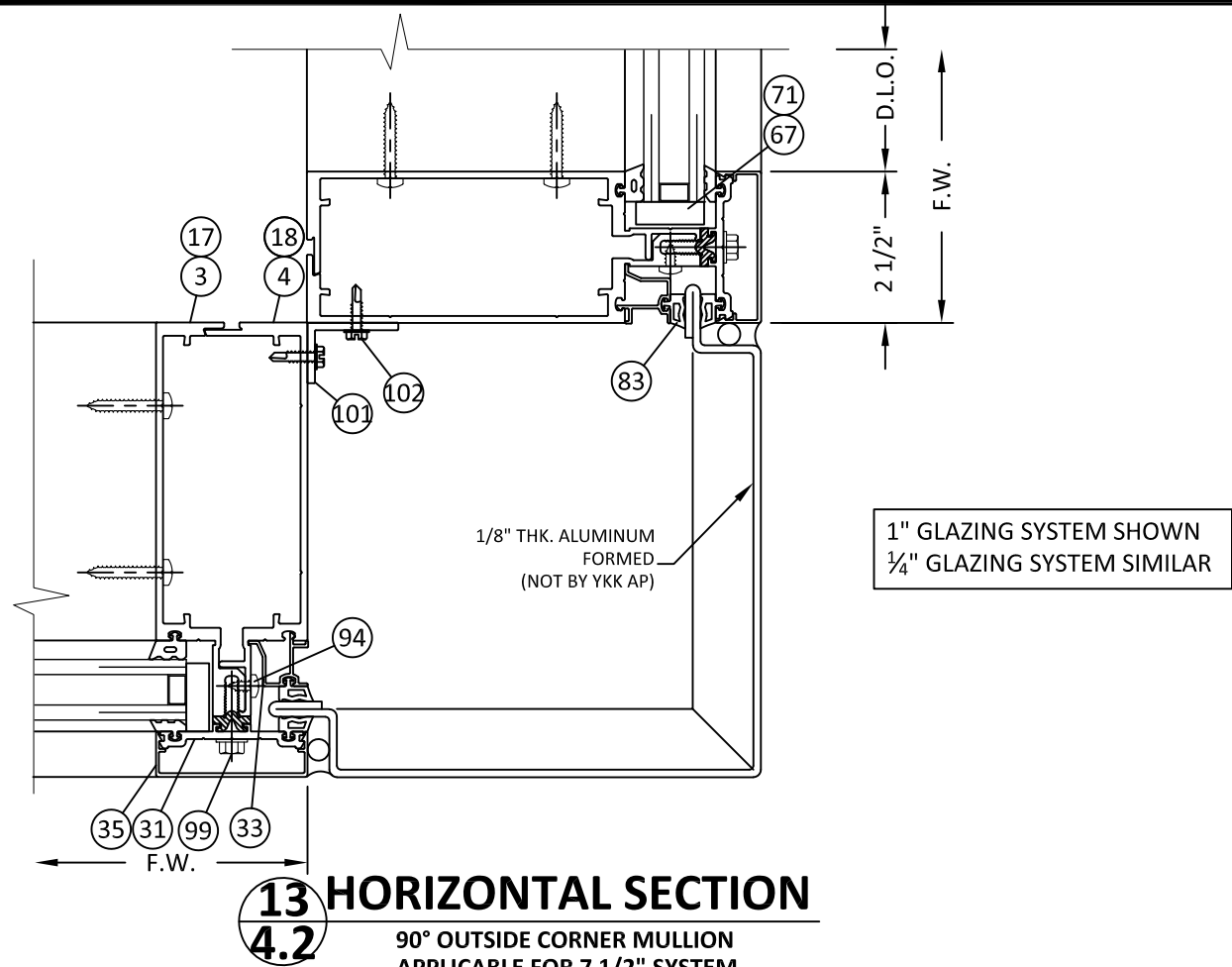


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A. 2023 FBC CODE UPDATE	MS	04.28.23

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FL #:	FL15921
DATE:	09.23.20
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK275
SECTION:	4.1



YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTION

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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DATE: **09.23.20**

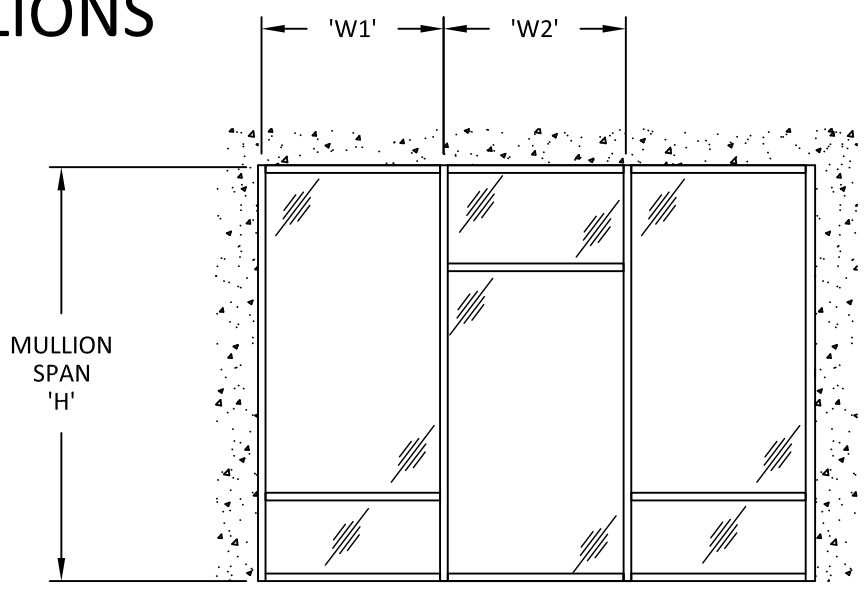
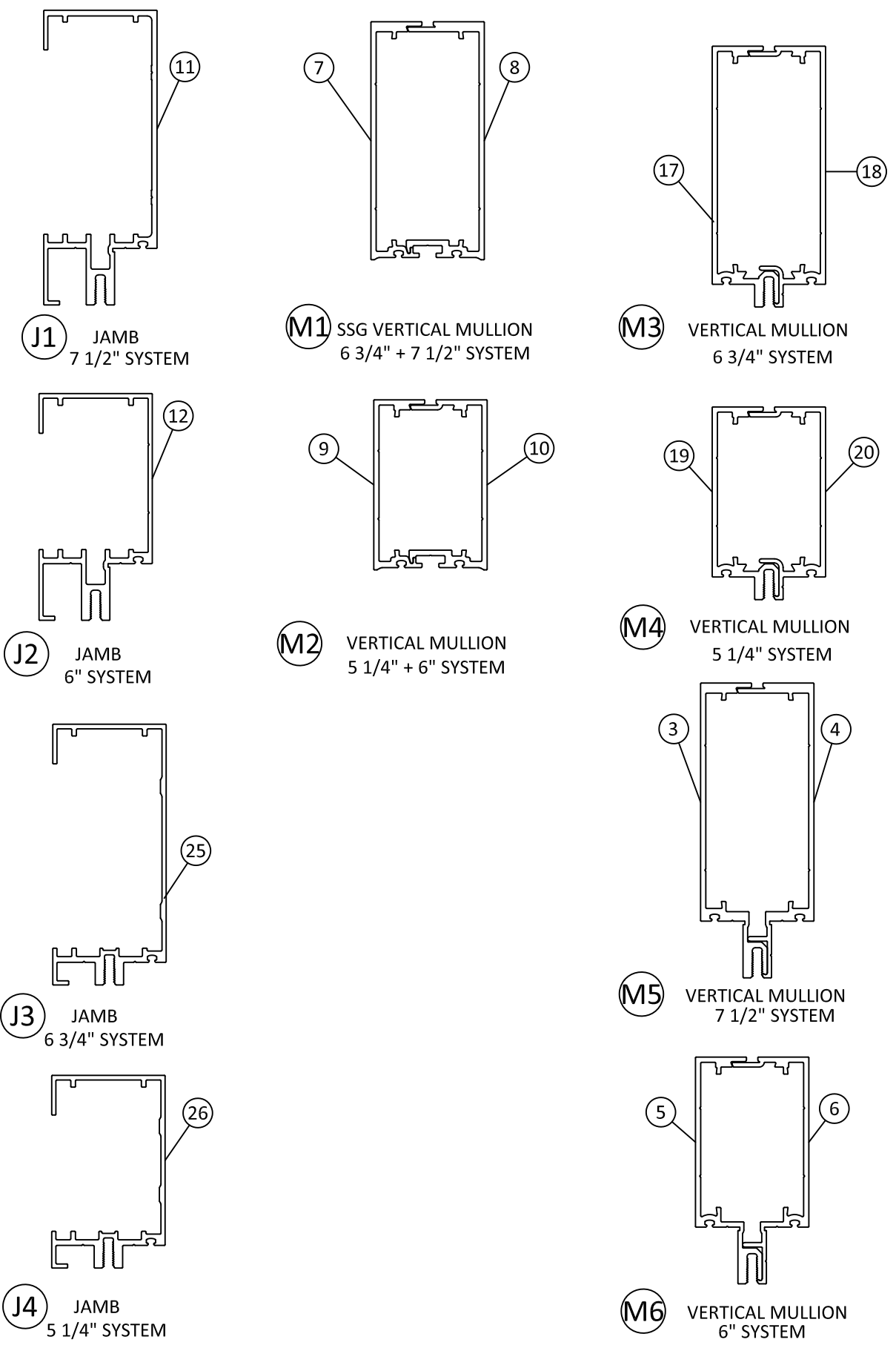
DWG. BY: **ER** CHK. BY: **HFN**

SCALE: **NTS**

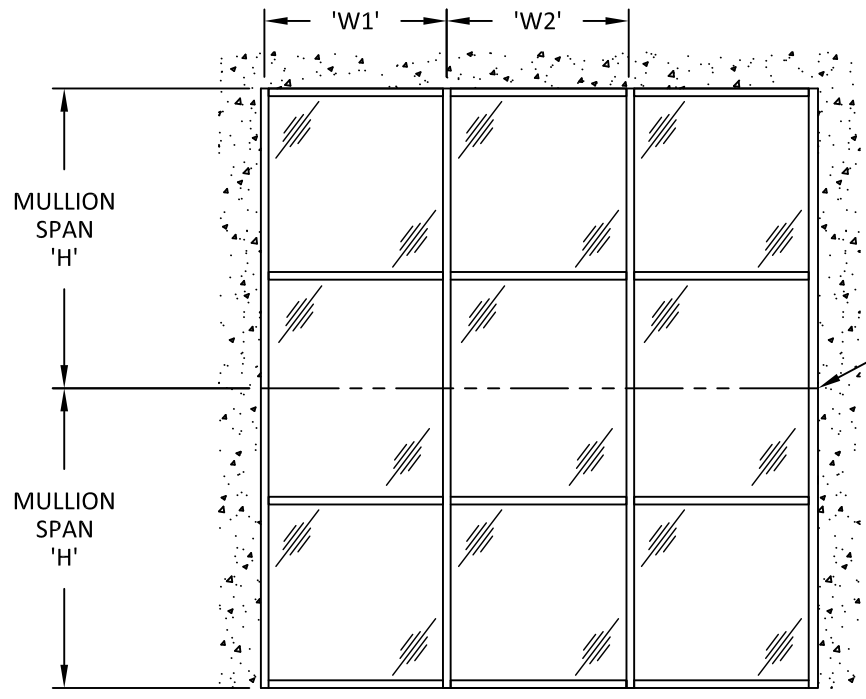
DWG. #: **YKK275**

SECTION:
4.2
[PAGE 8 of 29]

VERTICAL MULLIONS



SINGLE SPAN ELEVATION



TWIN SPAN ELEVATION

MULLION SPACING OR TRIBUTARY WIDTH, 'W' $W = \frac{W1+W2}{2}$

- NOTES:
- 1. TABULATED DESIGN PRESSURE VALUES ARE BASED ON LIMITATIONS OF DEFLECTION, FIBERSTRESS, END REACTION, AND ANCHOR CAPACITY FOR GIVEN COMBINATIONS OF MULLION SPAN ('H') AND MULLION SPACING ('W').
 - 2. DESIGN PRESSURES SHALL BE READ AS BOTH POSITIVE AND NEGATIVE PRESSURES.
 - 3. SYSTEM IS RATED FOR WATER INFILTRATION UP TO A POSITIVE DESIGN PRESSURE OF 45 PSF.
 - 4. FOR SITE CONDITIONS NOT SPECIFICALLY SHOWN IN THE DETAILS HEREIN FURTHER ENGINEERING MAY BE REQUIRED ON A CASE BY CASE BASIS.



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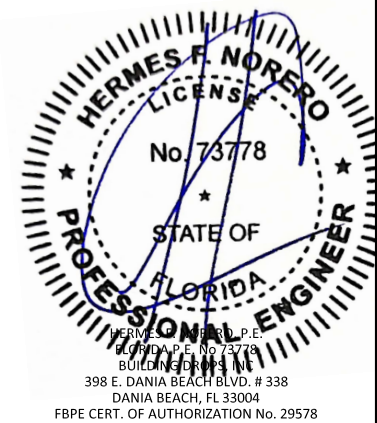
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DWG. #: **YKK275**

SECTION:

4.3

[PAGE 9 of 29]

VERTICAL MULLION DESIGN PRESSURE TABLE - SINGLE SPAN

DESIGN PRESSURE TABLE: VERTICAL SECTION CAPACITY - SINGLE SPAN							
TRIBUTAR Y WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	JAMB J2 & J4 (PSF)	JAMB J1 & J3 (PSF)	MULLION M2 (PSF)	MULLION M1 (PSF)	MULLION M4 & M6 (PSF)	MULLION M3 & M5 (PSF)
24	102	45.0	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	45.0	45.0	45.0
48		45.0	45.0	42.8	45.0	45.0	45.0
54		45.0	45.0	38.1	45.0	43.6	45.0
60		45.0	45.0	34.3	45.0	39.2	45.0
66		45.0	45.0	31.2	45.0	35.6	45.0
72		45.0	45.0	28.6	45.0	32.7	45.0
24		45.0	45.0	45.0	45.0	45.0	45.0
30	108	45.0	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	42.0	45.0	45.0	45.0
48		45.0	45.0	36.7	45.0	43.7	45.0
54		45.0	45.0	32.6	45.0	38.9	45.0
60		45.0	45.0	29.4	45.0	35.0	45.0
66		45.0	45.0	26.7	45.0	31.8	45.0
72		45.0	45.0	24.5	45.0	29.1	45.0
24		45.0	45.0	45.0	45.0	45.0	45.0
30	114	45.0	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	41.6	45.0	45.0	45.0
42		45.0	45.0	35.7	45.0	44.8	45.0
48		45.0	45.0	31.2	45.0	39.2	45.0
54		45.0	45.0	27.8	45.0	34.9	45.0
60		45.0	45.0	25.0	45.0	31.4	45.0
66		45.0	45.0	22.7	45.0	28.5	45.0
72		43.3	45.0	20.8	45.0	26.2	45.0
24		45.0	45.0	45.0	45.0	45.0	45.0
30	120	45.0	45.0	42.8	45.0	45.0	45.0
36		45.0	45.0	35.7	45.0	45.0	45.0
42		45.0	45.0	30.6	45.0	39.2	45.0
48		45.0	45.0	26.8	45.0	34.3	45.0
54		45.0	45.0	23.8	45.0	30.5	45.0
60		44.6	45.0	21.4	45.0	27.5	45.0
66		40.5	45.0	19.5	45.0	25.0	45.0
72		37.1	45.0	17.8	45.0	22.9	45.0
24		45.0	45.0	45.0	45.0	45.0	45.0
30	126	45.0	45.0	37.0	45.0	45.0	45.0
36		45.0	45.0	30.8	45.0	39.5	45.0
42		45.0	45.0	26.4	45.0	33.9	45.0
48		45.0	45.0	23.1	45.0	29.7	45.0
54		42.8	45.0	20.6	45.0	26.4	45.0
60		38.5	45.0	18.5	45.0	23.7	45.0
66		35.0	45.0	16.8	45.0	21.6	45.0
72		32.1	45.0	15.4	45.0	19.8	45.0

DESIGN PRESSURE TABLE: VERTICAL SECTION CAPACITY - SINGLE SPAN							
TRIBUTAR Y WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	JAMB J2 & J4 (PSF)	JAMB J1 & J3 (PSF)	MULLION M2 (PSF)	MULLION M1 (PSF)	MULLION M4 & M6 (PSF)	MULLION M3 & M5 (PSF)
24	132	45.0	45.0	40.2	45.0	45.0	45.0
30		45.0	45.0	32.2	45.0	41.3	45.0
36		45.0	45.0	26.8	45.0	34.4	45.0
42		45.0	45.0	23.0	45.0	29.5	45.0
48		41.8	45.0	20.1	45.0	25.8	45.0
54		37.2	45.0	17.9	45.0	22.9	45.0
60		33.5	45.0	16.1	45.0	20.6	45.0
66		30.4	45.0	14.6	45.0	18.8	45.0
72		27.9	45.0	13.4	45.0	17.2	45.0
24		45.0	45.0	35.2	45.0	45.0	45.0
30	138	45.0	45.0	28.2	45.0	36.1	45.0
36		45.0	45.0	23.5	45.0	30.1	45.0
42		41.8	45.0	20.1	45.0	25.8	45.0
48		36.6	45.0	17.6	45.0	22.6	45.0
54		32.5	45.0	15.6	45.0	20.1	45.0
60		29.3	45.0	14.1	45.0	18.1	45.0
66		26.6	45.0	12.8	45.0	16.4	45.0
72		24.4	45.0	11.7	45.0	15.0	45.0
24		45.0	45.0	31.0	45.0	39.7	45.0
30	144	45.0	45.0	24.8	45.0	31.8	45.0
36		43.0	45.0	20.7	45.0	26.5	45.0
42		36.8	45.0	17.7	45.0	22.7	45.0
48		32.2	45.0	15.5	45.0	19.9	45.0
54		28.6	45.0	13.8	45.0	17.7	45.0
60		25.8	45.0	12.4	45.0	15.9	45.0
66		23.4	45.0	11.3	45.0	14.4	45.0
72		21.5	45.0	10.3	45.0	13.2	45.0
24		45.0	45.0	27.4	45.0	35.2	45.0
30	150	45.0	45.0	21.9	45.0	28.1	45.0
36		38.0	45.0	18.3	45.0	23.4	45.0
42		32.6	45.0	15.7	45.0	20.1	45.0
48		28.5	45.0	13.7	45.0	17.6	45.0
54		25.3	45.0	12.2	45.0	15.6	45.0
60		22.8	45.0	11.0	45.0	14.1	45.0
66		20.7	45.0	-	45.0	12.8	45.0
72		19.0	45.0	-	45.0	11.7	45.0



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REMARKS	BY	DATE
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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 #:
FL15921

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09.23.20

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ER

CHK. BY:
HFN

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NTS

DWG. #:
YKK275

SECTION:

4.4

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VERTICAL MULLION DESIGN PRESSURE TABLE - SINGLE SPAN

DESIGN PRESSURE TABLE: VERTICAL SECTION CAPACITY - SINGLE SPAN							
TRIBUTAR Y WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	JAMB J2 & J4 (PSF)	JAMB J1 & J3 (PSF)	MULLION M2 (PSF)	MULLION M1 (PSF)	MULLION M4 & M6 (PSF)	MULLION M3 & M5 (PSF)
24	156	45.0	45.0	24.4	45.0	31.3	45.0
30		40.6	45.0	19.5	45.0	25.0	45.0
36		33.8	45.0	16.2	45.0	20.8	45.0
42		29.0	45.0	13.9	45.0	17.9	45.0
48		25.3	45.0	12.2	45.0	15.6	45.0
54		22.5	45.0	10.8	45.0	13.9	45.0
60		20.3	45.0	-	45.0	12.5	45.0
66		18.4	45.0	-	45.0	11.4	45.0
72		16.9	45.0	-	45.0	10.4	45.0
24	162	45.0	45.0	21.8	45.0	27.9	45.0
30		36.2	45.0	17.4	45.0	22.3	45.0
36		30.2	45.0	14.5	45.0	18.6	45.0
42		25.9	45.0	12.4	45.0	15.9	45.0
48		22.6	45.0	10.9	45.0	14.0	45.0
54		20.1	45.0	-	45.0	12.4	45.0
60		18.1	45.0	-	45.0	11.2	45.0
66		16.5	45.0	-	45.0	10.1	45.0
72		15.1	45.0	-	45.0	-	45.0
24	168	40.6	45.0	19.5	45.0	25.0	45.0
30		32.5	45.0	15.6	45.0	20.0	45.0
36		27.1	45.0	13.0	45.0	16.7	45.0
42		23.2	45.0	11.1	45.0	14.3	45.0
48		20.3	45.0	-	45.0	12.5	45.0
54		18.0	45.0	-	45.0	11.1	45.0
60		16.2	45.0	-	45.0	10.0	45.0
66		14.8	45.0	-	45.0	-	45.0
72		13.5	45.0	-	45.0	-	45.0
24	174	36.5	45.0	17.6	45.0	22.5	45.0
30		29.2	45.0	14.1	45.0	18.0	45.0
36		24.4	45.0	11.7	45.0	15.0	45.0
42		20.9	45.0	10.0	45.0	12.9	45.0
48		18.3	45.0	-	45.0	11.3	45.0
54		16.2	45.0	-	45.0	10.0	45.0
60		14.6	45.0	-	45.0	-	45.0
66		13.3	45.0	-	45.0	-	45.0
72		12.2	45.0	-	45.0	-	45.0

DESIGN PRESSURE TABLE: VERTICAL SECTION CAPACITY - SINGLE SPAN							
TRIBUTAR Y WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	JAMB J2 & J4 (PSF)	JAMB J1 & J3 (PSF)	MULLION M2 (PSF)	MULLION M1 (PSF)	MULLION M4 & M6 (PSF)	MULLION M3 & M5 (PSF)
24	180	33.0	45.0	15.9	45.0	20.3	45.0
30		26.4	45.0	12.7	45.0	16.3	45.0
36		22.0	45.0	10.6	45.0	13.6	45.0
42		18.9	45.0	-	45.0	11.6	45.0
48		16.5	45.0	-	45.0	10.2	45.0
54		14.7	45.0	-	45.0	-	45.0
60		13.2	45.0	-	45.0	-	45.0
66		12.0	45.0	-	45.0	-	45.0
72		11.0	45.0	-	45.0	-	45.0
24	186	29.9	45.0	14.4	45.0	18.4	45.0
30		23.9	45.0	11.5	45.0	14.8	45.0
36		19.9	45.0	-	45.0	12.3	45.0
42		17.1	45.0	-	45.0	10.5	45.0
48		15.0	45.0	-	45.0	-	45.0
54		13.3	45.0	-	45.0	-	45.0
60		12.0	45.0	-	45.0	-	45.0
66		10.9	45.0	-	45.0	-	45.0
72		-	45.0	-	45.0	-	45.0
24	192	27.2	45.0	13.1	45.0	16.8	45.0
30		21.8	45.0	10.5	45.0	13.4	45.0
36		18.1	45.0	-	45.0	11.2	45.0
42		15.5	45.0	-	45.0	-	45.0
48		13.6	45.0	-	45.0	-	45.0
54		12.1	45.0	-	45.0	-	45.0
60		10.9	45.0	-	45.0	-	45.0
66		-	45.0	-	45.0	-	45.0
72		-	45.0	-	45.0	-	45.0
24	198	24.8	45.0	11.9	45.0	15.3	45.0
30		19.8	45.0	-	45.0	12.2	45.0
36		16.5	45.0	-	45.0	10.2	45.0
42		14.2	45.0	-	45.0	-	45.0
48		12.4	45.0	-	45.0	-	45.0
54		11.0	45.0	-	45.0	-	45.0
60		-	45.0	-	45.0	-	45.0
66		-	45.0	-	45.0	-	45.0
72		-	45.0	-	45.0	-	45.0



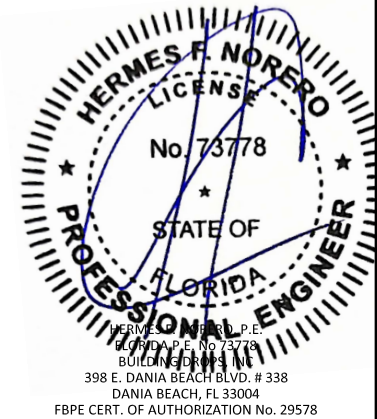
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VERTICAL MULLION DESIGN PRESSURE TABLE - TWIN SPAN

DESIGN PRESSURE TABLE: VERTICAL SECTION CAPACITY - TWIN SPAN							
TRIBUTAR Y WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	JAMB J2 & J4 (PSF)	JAMB J1 & J3 (PSF)	MULLION M2 (PSF)	MULLION M1 (PSF)	MULLION M4 & M6 (PSF)	MULLION M3 & M5 (PSF)
24	102	45.0	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	45.0	45.0	45.0
48		45.0	45.0	42.8	45.0	45.0	45.0
54		45.0	45.0	38.1	45.0	43.6	45.0
60		45.0	45.0	34.3	45.0	39.2	45.0
66		45.0	45.0	31.2	45.0	35.6	45.0
72		45.0	45.0	28.6	45.0	32.7	45.0
24	108	45.0	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	43.7	45.0	45.0	45.0
48		45.0	45.0	38.2	45.0	43.7	45.0
54		45.0	45.0	34.0	45.0	38.9	45.0
60		45.0	45.0	30.6	45.0	35.0	45.0
66		45.0	45.0	27.8	45.0	31.8	45.0
72		45.0	45.0	25.5	45.0	29.1	45.0
24	114	45.0	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	39.2	45.0	44.8	45.0
48		45.0	45.0	34.3	45.0	39.2	45.0
54		45.0	45.0	30.5	45.0	34.9	45.0
60		45.0	45.0	27.4	45.0	31.4	45.0
66		45.0	45.0	24.9	45.0	28.5	45.0
72		45.0	45.0	22.9	45.0	26.2	45.0
24	120	45.0	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	41.3	45.0	45.0	45.0
42		45.0	45.0	35.4	45.0	40.5	45.0
48		45.0	45.0	31.0	45.0	35.4	45.0
54		45.0	45.0	27.5	45.0	31.5	45.0
60		45.0	45.0	24.8	45.0	28.3	45.0
66		45.0	45.0	22.5	45.0	25.8	45.0
72		45.0	45.0	20.6	45.0	23.6	45.0
24	126	45.0	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	44.9	45.0	45.0	45.0
36		45.0	45.0	37.4	45.0	42.8	45.0
42		45.0	45.0	32.1	45.0	36.7	45.0
48		45.0	45.0	28.1	45.0	32.1	45.0
54		45.0	45.0	25.0	45.0	28.6	45.0
60		45.0	45.0	22.5	45.0	25.7	45.0
66		45.0	45.0	20.4	45.0	23.4	45.0
72		45.0	45.0	18.7	45.0	21.4	45.0

DESIGN PRESSURE TABLE: VERTICAL SECTION CAPACITY - TWIN SPAN							
TRIBUTAR Y WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	JAMB J2 & J4 (PSF)	JAMB J1 & J3 (PSF)	MULLION M2 (PSF)	MULLION M1 (PSF)	MULLION M4 & M6 (PSF)	MULLION M3 & M5 (PSF)
24	132	45.0	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	40.9	45.0	45.0	45.0
36		45.0	45.0	34.1	45.0	39.0	45.0
42		45.0	45.0	29.2	45.0	33.4	45.0
48		45.0	45.0	25.6	45.0	29.3	45.0
54		45.0	45.0	22.7	45.0	26.0	45.0
60		45.0	45.0	20.5	45.0	23.4	45.0
66		45.0	45.0	18.6	45.0	21.3	45.0
72		42.2	45.0	17.1	45.0	19.5	45.0
24	138	45.0	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	37.4	45.0	42.8	45.0
36		45.0	45.0	31.2	45.0	35.7	45.0
42		45.0	45.0	26.7	45.0	30.6	45.0
48		45.0	45.0	23.4	45.0	26.8	45.0
54		45.0	45.0	20.8	45.0	23.8	45.0
60		45.0	45.0	18.7	45.0	21.4	45.0
66		42.1	45.0	17.0	45.0	19.5	45.0
72		38.6	45.0	15.6	45.0	17.9	45.0
24	144	45.0	45.0	43.0	45.0	45.0	45.0
30		45.0	45.0	34.4	45.0	39.3	45.0
36		45.0	45.0	28.7	45.0	32.8	45.0
42		45.0	45.0	24.6	45.0	28.1	45.0
48		45.0	45.0	21.5	45.0	24.6	45.0
54		45.0	45.0	19.1	45.0	21.9	45.0
60		42.6	45.0	17.2	45.0	19.7	45.0
66		38.7	45.0	15.6	45.0	17.9	45.0
72		35.5	45.0	14.3	45.0	16.4	45.0
24	150	45.0	45.0	39.6	45.0	45.0	45.0
30		45.0	45.0	31.7	45.0	36.3	45.0
36		45.0	45.0	26.4	45.0	30.2	45.0
42		45.0	45.0	22.6	45.0	25.9	45.0
48		45.0	45.0	19.8	45.0	22.7	45.0
54		43.6	45.0	17.6	45.0	20.1	45.0
60		39.2	45.0	15.8	45.0	18.1	45.0
66		35.7	45.0	14.4	45.0	16.5	45.0
72		32.7	45.0	13.2	45.0	15.1	45.0



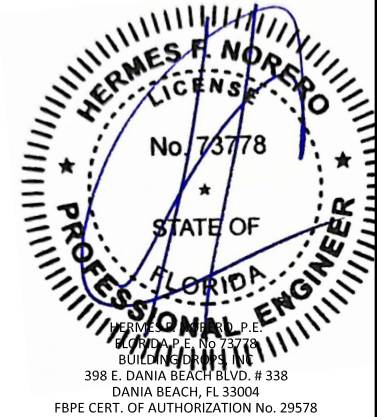
YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
HORIZONTAL SECTION

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

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23

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FL #:
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HFN

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DWG. #:
YKK275

SECTION:
4.6

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VERTICAL MULLION DESIGN PRESSURE TABLE - TWIN SPAN

DESIGN PRESSURE TABLE: VERTICAL SECTION CAPACITY - TWIN SPAN							
TRIBUTAR Y WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	JAMB J2 & J4 (PSF)	JAMB J1 & J3 (PSF)	MULLION M2 (PSF)	MULLION M1 (PSF)	MULLION M4 & M6 (PSF)	MULLION M3 & M5 (PSF)
24	156	45.0	45.0	36.6	45.0	41.9	45.0
30		45.0	45.0	29.3	45.0	33.5	45.0
36		45.0	45.0	24.4	45.0	27.9	45.0
42		45.0	45.0	20.9	45.0	23.9	45.0
48		45.0	45.0	18.3	45.0	21.0	45.0
54		40.3	45.0	16.3	45.0	18.6	45.0
60		36.3	45.0	14.7	45.0	16.8	45.0
66		33.0	45.0	13.3	45.0	15.2	45.0
72		30.2	45.0	12.2	45.0	14.0	45.0
24	162	45.0	45.0	34.0	45.0	38.9	45.0
30		45.0	45.0	27.2	45.0	31.1	45.0
36		45.0	45.0	22.6	45.0	25.9	45.0
42		45.0	45.0	19.4	45.0	22.2	45.0
48		42.0	45.0	17.0	45.0	19.4	45.0
54		37.4	45.0	15.1	45.0	17.3	45.0
60		33.6	45.0	13.6	45.0	15.5	45.0
66		30.6	45.0	12.4	45.0	14.1	45.0
72		28.0	45.0	11.3	45.0	13.0	45.0
24	168	45.0	45.0	31.6	45.0	36.1	45.0
30		45.0	45.0	25.3	45.0	28.9	45.0
36		45.0	45.0	21.1	45.0	24.1	45.0
42		44.7	45.0	18.0	45.0	20.7	45.0
48		39.1	45.0	15.8	45.0	18.1	45.0
54		34.7	45.0	14.0	45.0	16.1	45.0
60		31.3	45.0	12.6	45.0	14.5	45.0
66		28.4	45.0	11.5	45.0	13.1	45.0
72		26.1	45.0	10.5	45.0	12.0	45.0
24	174	45.0	45.0	29.4	45.0	33.7	45.0
30		45.0	45.0	23.6	45.0	27.0	45.0
36		45.0	45.0	19.6	45.0	22.5	45.0
42		41.6	45.0	16.8	45.0	19.3	45.0
48		36.4	45.0	14.7	45.0	16.8	45.0
54		32.4	45.0	13.1	45.0	15.0	45.0
60		29.1	45.0	11.8	45.0	13.5	45.0
66		26.5	45.0	10.7	45.0	12.3	45.0
72		24.3	45.0	-	45.0	11.2	45.0

DESIGN PRESSURE TABLE: VERTICAL SECTION CAPACITY - TWIN SPAN							
TRIBUTAR Y WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	JAMB J2 & J4 (PSF)	JAMB J1 & J3 (PSF)	MULLION M2 (PSF)	MULLION M1 (PSF)	MULLION M4 & M6 (PSF)	MULLION M3 & M5 (PSF)
24	180	45.0	45.0	27.5	45.0	31.5	45.0
30		45.0	45.0	22.0	45.0	25.2	45.0
36		45.0	45.0	18.3	45.0	21.0	45.0
42		38.9	45.0	15.7	45.0	18.0	45.0
48		34.0	45.0	13.8	45.0	15.7	45.0
54		30.3	45.0	12.2	45.0	14.0	45.0
60		27.2	45.0	11.0	45.0	12.6	45.0
66		24.8	45.0	10.0	45.0	11.4	45.0
72		22.7	45.0	-	45.0	10.5	45.0
24	186	45.0	45.0	25.8	45.0	29.5	45.0
30		45.0	45.0	20.6	45.0	23.6	45.0
36		42.5	45.0	17.2	45.0	19.7	45.0
42		36.4	45.0	14.7	45.0	16.8	45.0
48		31.9	45.0	12.9	45.0	14.7	45.0
54		28.3	45.0	11.5	45.0	13.1	45.0
60		25.5	45.0	10.3	45.0	11.8	45.0
66		23.2	45.0	-	45.0	10.7	45.0
72		21.3	45.0	-	45.0	-	45.0
24	192	45.0	45.0	24.2	45.0	27.7	45.0
30		45.0	45.0	19.3	45.0	22.1	45.0
36		39.9	45.0	16.1	45.0	18.4	45.0
42		34.2	45.0	13.8	45.0	15.8	45.0
48		29.9	45.0	12.1	45.0	13.8	45.0
54		26.6	45.0	10.7	45.0	12.3	45.0
60		23.9	45.0	-	45.0	11.1	45.0
66		21.8	45.0	-	45.0	10.1	45.0
72		19.9	45.0	-	45.0	-	45.0
24	198	45.0	45.0	22.7	45.0	26.0	45.0
30		45.0	45.0	18.2	45.0	20.8	45.0
36		37.5	45.0	15.2	45.0	17.3	45.0
42		32.2	45.0	13.0	45.0	14.9	45.0
48		28.1	45.0	11.4	45.0	13.0	45.0
54		25.0	45.0	10.1	45.0	11.6	45.0
60		22.5	45.0	-	45.0	10.4	45.0
66		20.5	45.0	-	45.0	-	45.0
72		18.8	45.0	-	45.0	-	45.0



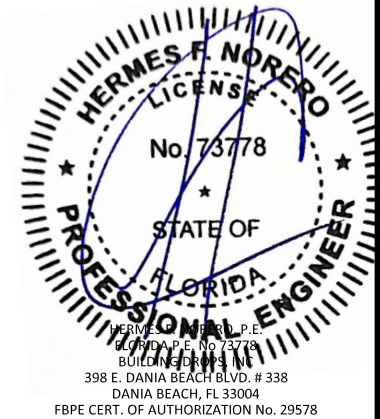
YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
HORIZONTAL SECTION

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

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23

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FL #:
FL15921

DATE:
09.23.20

DWG. BY:
ER

CHK. BY:
HFN

SCALE:
NTS

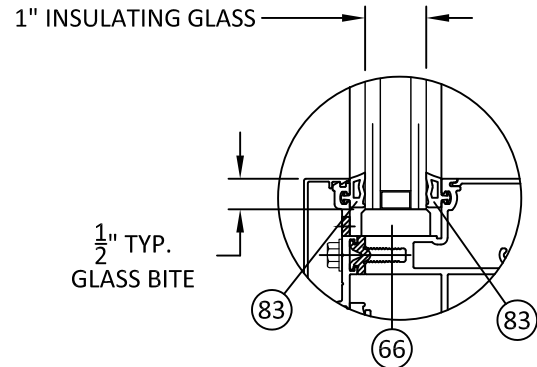
DWG. #:
YKK275

SECTION:

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[PAGE 13 of 29]

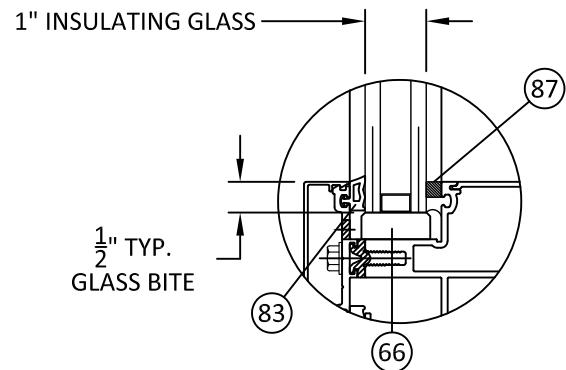
INSULATING GLASS

'A' - 'D'



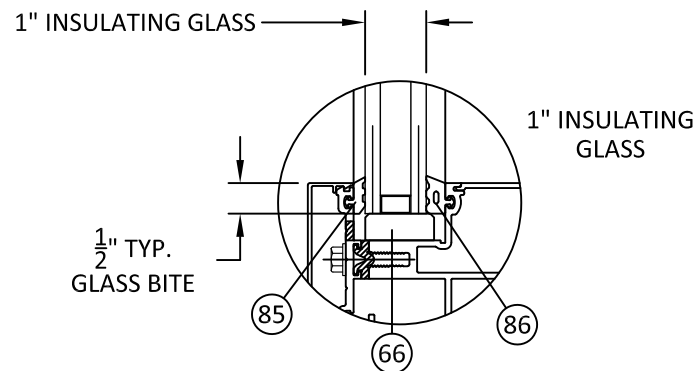
GLAZING TYPE 'A'

CAPTURED



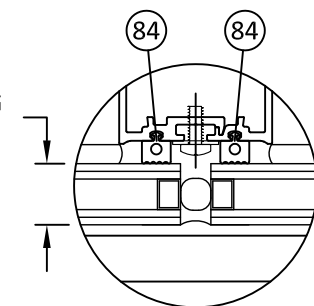
GLAZING TYPE 'B'

SHOP GLAZED



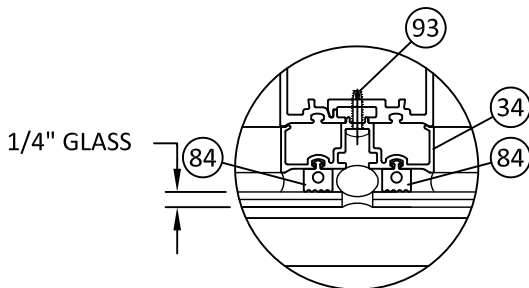
GLAZING TYPE 'C'

SSG



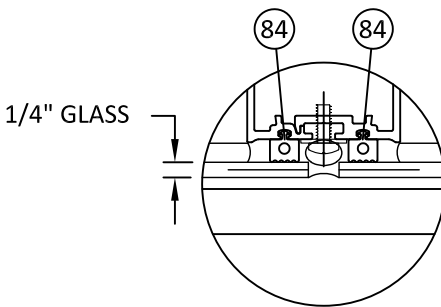
GLAZING TYPE 'D'

SSG VERTICAL



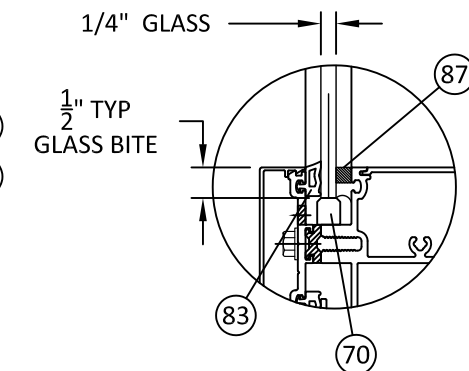
GLAZING TYPE 'G'

SSG VERTICAL



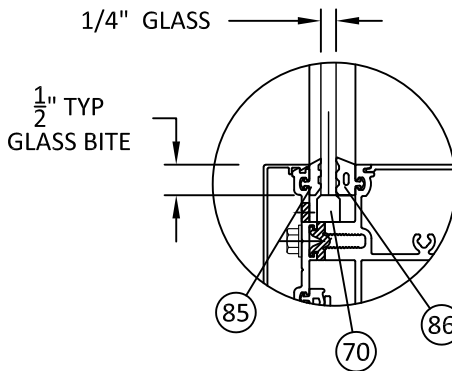
GLAZING TYPE 'J'

SSG VERTICAL



GLAZING TYPE 'H'

SHOP GLAZED

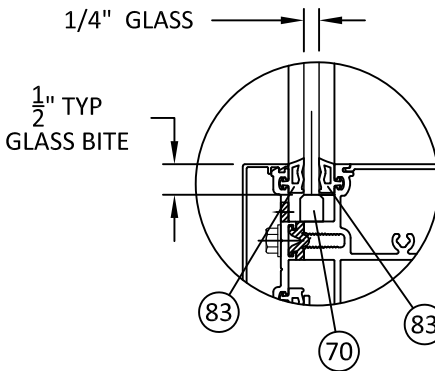


GLAZING TYPE 'K'

SSG

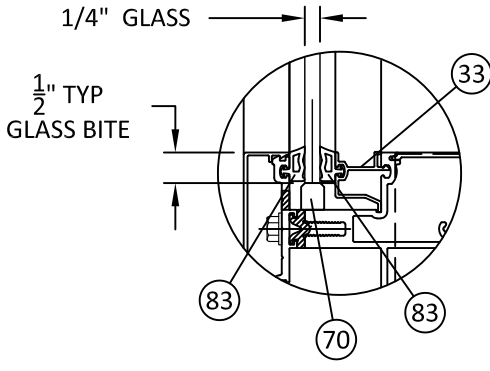
MONOLITHIC GLASS

'E' - 'L'



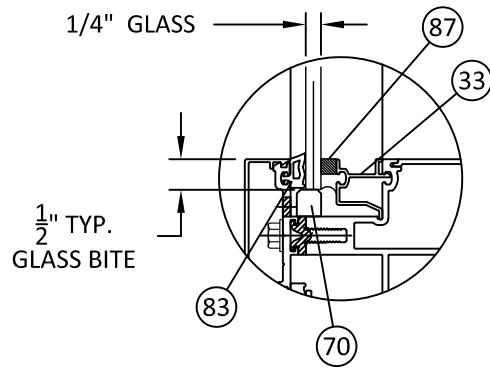
GLAZING TYPE 'E'

CAPTURED



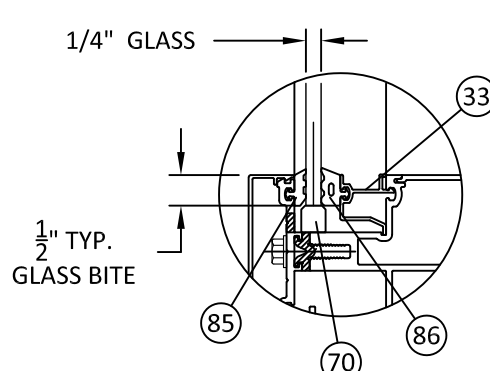
GLAZING TYPE 'F'

CAPTURED



GLAZING TYPE 'I'

SHOP GLAZED



GLAZING TYPE 'L'

SSG

* NOTE:

1. GLASS CAPACITIES ON SHEET 5.1 ARE BASED ON 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.

1/2" AIR SPACE CONSISTING OF:

- SPACER: ALUMINUM BOX SPACER
- PRIMARY SEALANT: POLYISOBUTYLENE (PIB)
- SECONDARY SEALANT: STRUCTURAL SILICONE INTENDED FOR FABRICATION OF INSULATING GLASS UNITS



YKK AP AMERICA, Inc.

1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YCW 750 SPLINETECH® CURTAIN WALL (NON-HVHZ) (NON-IMPACT)

GLAZING DETAILS & GLASS CAPACITY TABLE

PREPARED BY:

BUILDING DROPS, INC.

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DANIA BEACH, FL 33004
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FL #:

FL15921

DATE: 09.23.20

DWG. BY: ER

CHK. BY: HFN

SCALE: NTS

DWG. #: YKK275

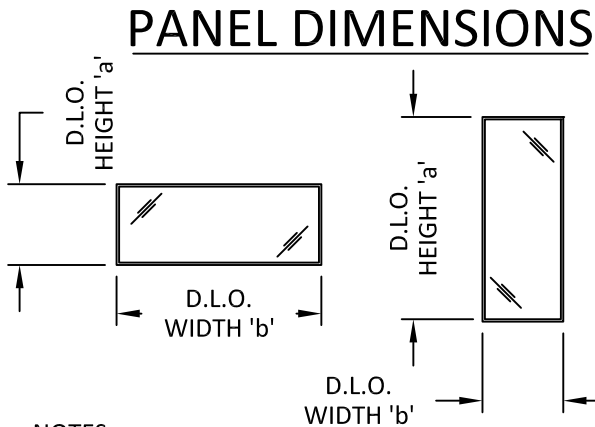
SECTION:

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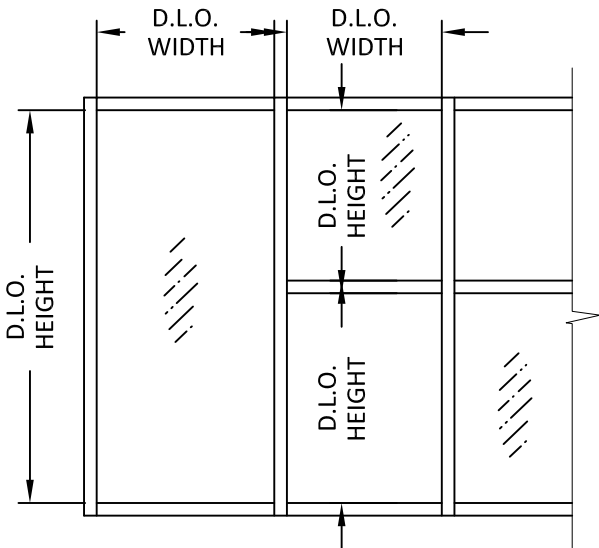
DESIGN PRESSURE TABLE: GLAZING CAPACITY BY TYPE			
D.L.O. WIDTH (INCH)	D.L.O. HEIGHT (INCH)	DESIGN PRESSURE (PSF)	DESIGN PRESSURE (PSF)
		1" GLASS	1/4" GLASS
30	30	45.0	45.0
	36	45.0	44.2
	42	45.0	40.1
	48	45.0	37.5
	54	45.0	35.7
	60	45.0	34.4
	66	45.0	33.3
	72	45.0	32.6
	78	45.0	31.9
	84	45.0	-
36	90	45.0	-
	30	45.0	44.2
	36	45.0	42.9
	42	45.0	37.6
	48	45.0	34.4
	54	45.0	32.2
	60	45.0	30.7
	66	45.0	-
	72	45.0	-
	78	45.0	-
42	84	45.0	-
	90	45.0	-
	30	45.0	40.1
	36	45.0	37.6
	42	45.0	36.8
	48	45.0	32.7
	54	45.0	30.1
	60	45.0	-
	66	45.0	-
	72	45.0	-
48	78	45.0	-
	84	45.0	-
	90	45.0	-
	30	45.0	37.5
	36	45.0	34.4
	42	45.0	32.7
	48	45.0	32.2
	54	45.0	-
	60	45.0	-
	66	45.0	-

DESIGN PRESSURE TABLE: GLAZING CAPACITY BY TYPE			
D.L.O. WIDTH (INCH)	D.L.O. HEIGHT (INCH)	DESIGN PRESSURE (PSF)	DESIGN PRESSURE (PSF)
		1" GLASS	1/4" GLASS
54	30	45.0	35.7
	36	45.0	32.2
	42	45.0	30.1
	48	45.0	-
	54	45.0	-
	60	45.0	-
	66	45.0	-
	72	45.0	-
	78	45.0	-
	84	45.0	-
60	90	45.0	-
	30	45.0	34.4
	36	45.0	30.7
	42	45.0	-
	48	45.0	-
	54	45.0	-
	60	43.1	-
	66	43.1	-
	72	43.1	-
	78	43.1	-
66	84	45.0	33.3
	90	45.0	-
	30	45.0	-
	36	45.0	-
	42	45.0	-
	48	45.0	-
	54	45.0	-
	60	43.1	-
	66	39.2	-
	72	39.2	-
72	78	45.0	32.6
	84	45.0	-
	90	45.0	-
	30	45.0	-
	36	45.0	-
	42	45.0	-



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



YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
GLAZING DETAILS & GLASS CAPACITY TABLE

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
A. 2023 FBC CODE UPDATE	MS	04.28.23

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 #:
FL15921

DATE: **09.23.20**

DWG. BY: **ER** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **YKK275**

SECTION:

5.1
[PAGE 15 of 29]

F & T ANCHOR TYPES

ANCHOR SCHEDULE						
TYPE	DESCRIPTION	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MIN. C.C. SPACING (T-ANCHOR)	MIN. C.C. SPACING (F-ANCHOR)
A	3/8" Ø HILTI KWIK BOLT 3	CONCRETE	2-1/2"	3"	6-1/4"	3"
B	1/2" Ø HILTI HAS SUPER ROD W/ HVU CAPSULE ADHESIVE	CONCRETE	4-1/4"	6-3/4"	6-1/4"	N/A
C	1/2" Ø POWERS WEDGE BOLT	CONCRETE	4"	3"	6-1/4"	3"
D	1/2" Ø ASTM A325 STEEL HH THREADED BOLT (DRILL & TAP)	METAL STUD	(3) THREADS PENETRATION	7/8"	6-1/4"	3"
E	1/2" Ø HILTI KWIK BOLT TZ	CONCRETE	3-1/4"	3-1/4"	8"	N/A
F	1/2" Ø HILTI KWIK BOLT TZ	CONCRETE	3-1/4"	4"	4"	N/A

NOTES:

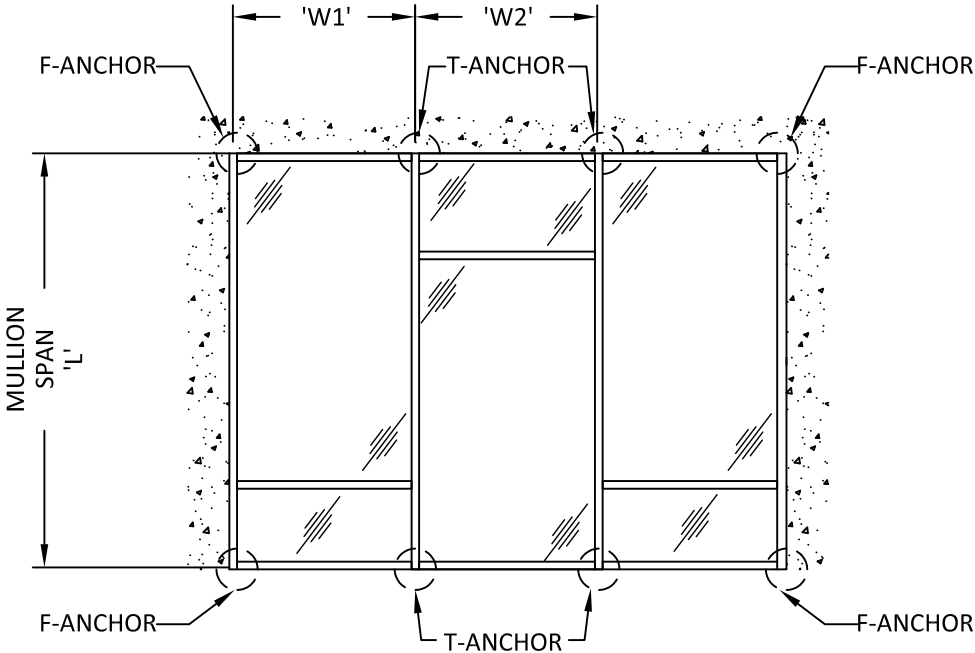
1. SEE SECTION 6.1 & 6.2 FOR ANCHORING DIAGRAMS & DETAILS.
2. USE (2) ANCHORS PER CLIP BASED ON DATA ABOVE. IF ABOVE REQUIREMENTS CANNOT BE MET THEN FURTHER ENGINEERING IS REQUIRED TO DETERMINE ANCHOR CAPACITIES.
3. WHEN USING ANCHOR TYPE B WITH AN F-ANCHOR, USE ONLY ONE (1) ANCHOR IN CLIP CLOSEST TO VERTICAL MULLION.
4. EDGE DISTANCE IS MEASURED FROM SUBSTRATE EDGE TO CENTER OF ANCHOR IN THE DIRECTION OF THE LOAD.
5. ANCHOR TYPE E / F ONLY USED AS WIND LOAD / DEAD LOAD ANCHOR.

ANCHOR CLIP SCHEDULE				
TYPE	ANCHOR QUANTITY AT CLIP PER TYPE			
	TYPE A ANCHORS	TYPE B ANCHORS	TYPE C ANCHORS	TYPE D ANCHORS
F-ANCHOR	2	1	2	2
T-ANCHOR	2	2	2	2

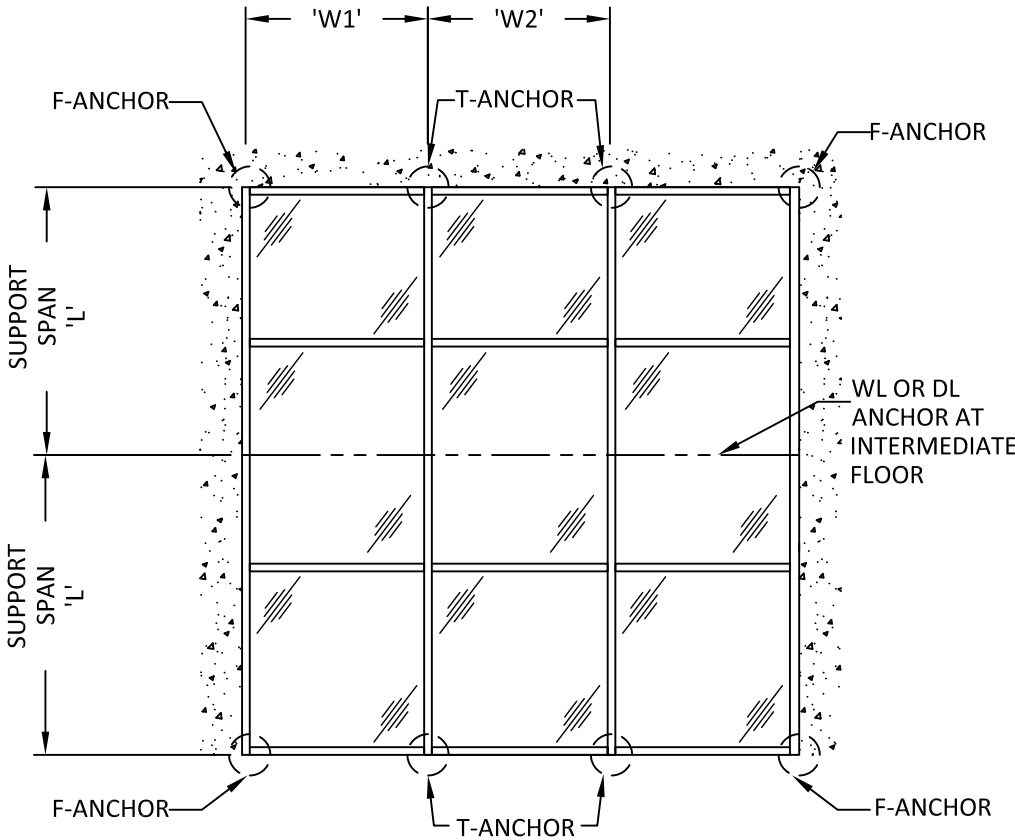
NOTE:

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 8 DETAILS FOR ANCHOR CONFIGURATIONS.
5. REFER TO SECTION 7 DETAILS FOR T, F, & S ANCHOR TYPE CAPACITIES.

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



SINGLE SPAN ANCHOR LAYOUT



MULTI SPAN ANCHOR LAYOUT - TYP.



YKK AP AMERICA, Inc.
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DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)

F & T ANCHOR DETAILS

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BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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FAX: (954)744-4738
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REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23

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FL #:	FL15921
DATE:	09.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK275
SECTION:	6.0
[PAGE 16 of 29]	

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)

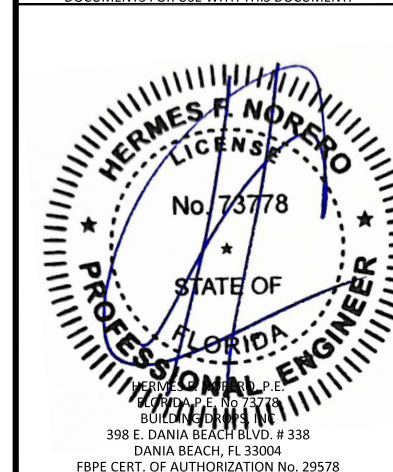
F & T ANCHOR DETAILS

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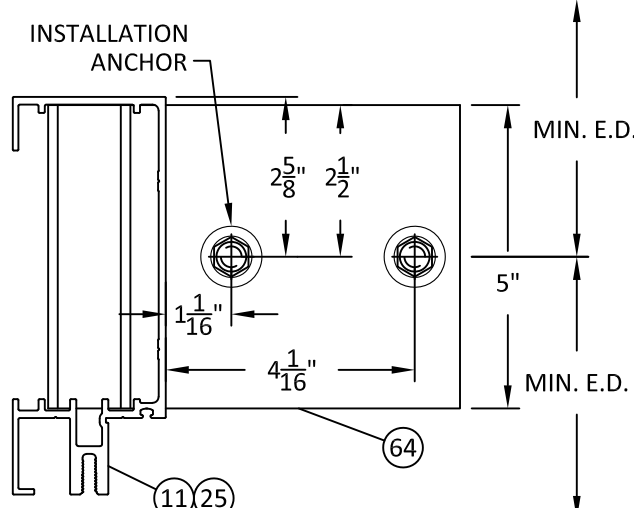
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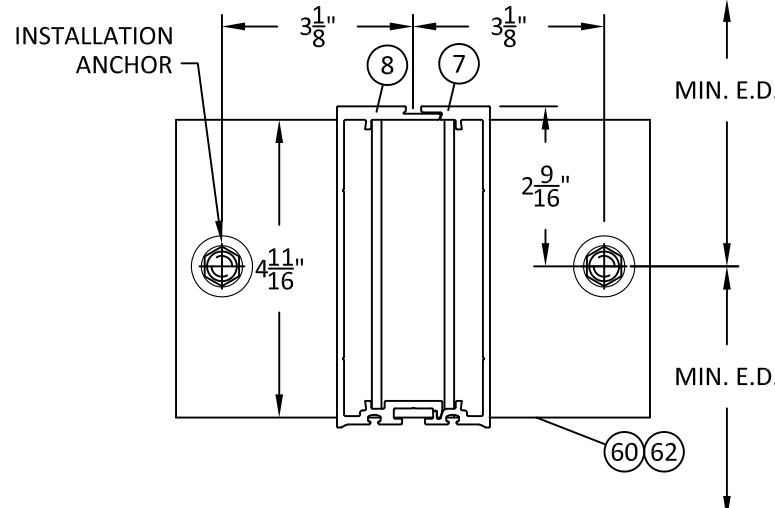
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DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK275
SECTION:	6.1

[PAGE 17 of 29]

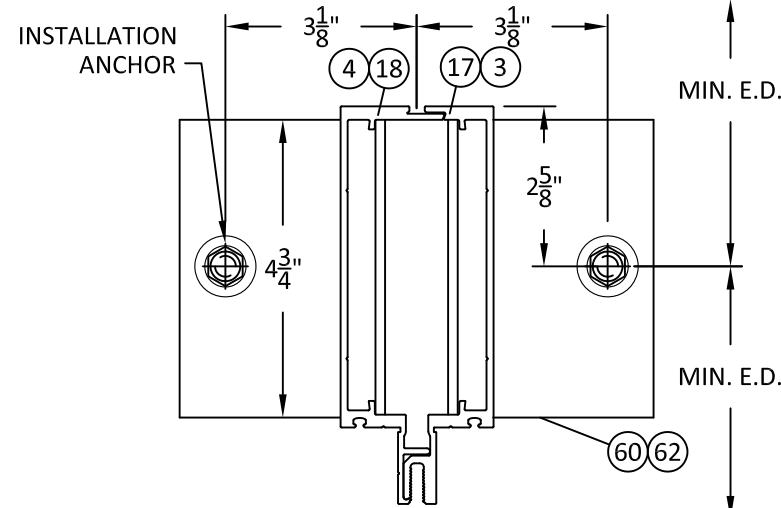
EDGE OF OPENING SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS



1 HORIZONTAL SECTION
6.1 F-ANCHOR
7 1/2" SYSTEM



2 HORIZONTAL SECTION
6.1 T-ANCHOR
7 1/2" SYSTEM

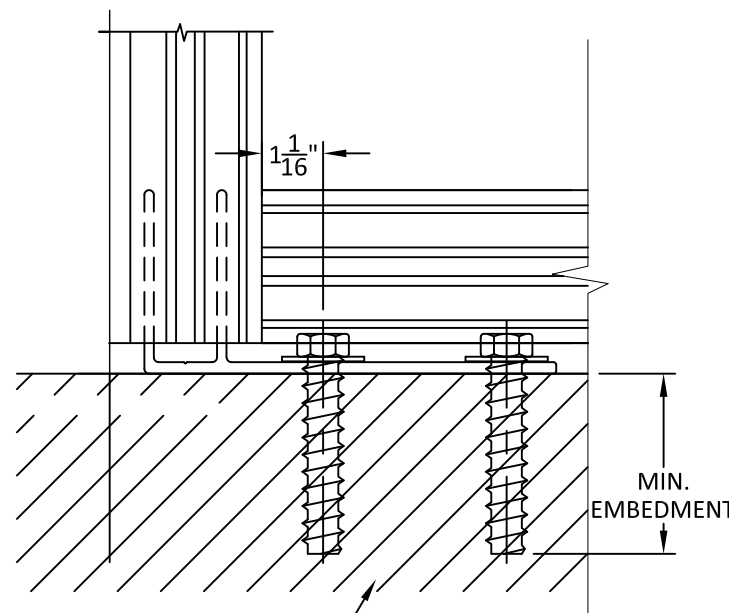


3 HORIZONTAL SECTION
6.1 T-ANCHOR
7 1/2" VERTICAL MULLION AND CORNER

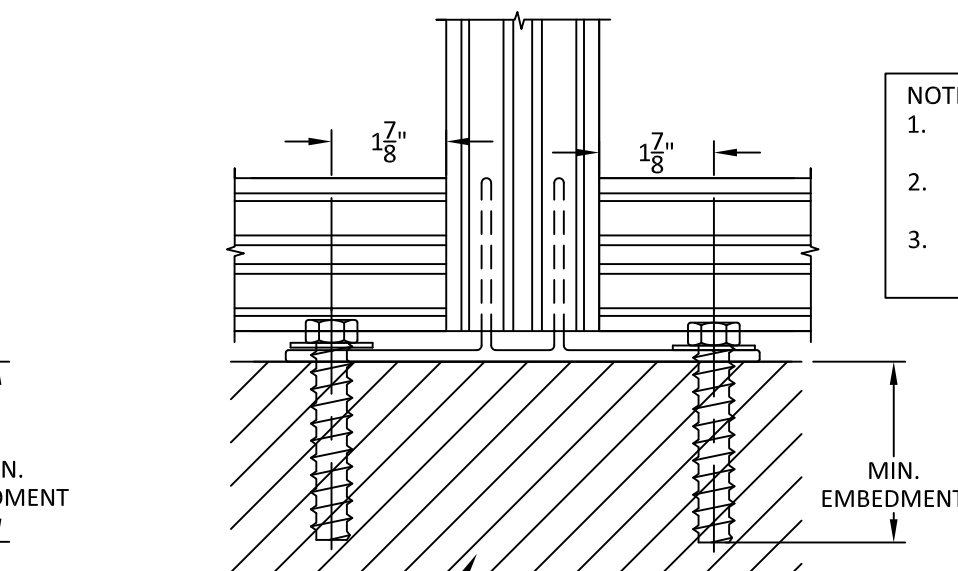
1" GLAZING SYSTEM SHOWN
1/4" GLAZING SYSTEM SIMILAR

NOTE:

- ANCHORS SHOWN HEREIN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL ANCHOR IDENTIFICATION SHALL BE PER ANCHOR MANUFACTURERS INSTALLATION INSTRUCTIONS
- ANCHOR BOLT EXTENSIONS MAY BE CLIPPED TO T.O. HEX NUT AND SHEAR BLOCKS MAY BE NOTCHED TO ALLOW FOR ANCHOR CLEARANCE.
- REFER TO INSTALLATION ANCHOR REQUIREMENTS FOR MINIMUM EDGE DISTANCES (E.D.), EMBEDMENTS (EMBED), & PROPERTIES OF OPENING SUBSTRATE, SECTIONS 7 & 8.



CONCRETE OR STEEL SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS
EXTERIOR VIEW
F-ANCHOR (TYPICAL)



CONCRETE OR STEEL SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS
EXTERIOR VIEW
T-ANCHOR (TYPICAL)

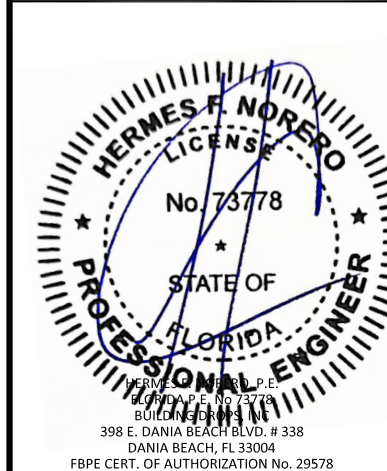
TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
F & T ANCHOR DETAILS

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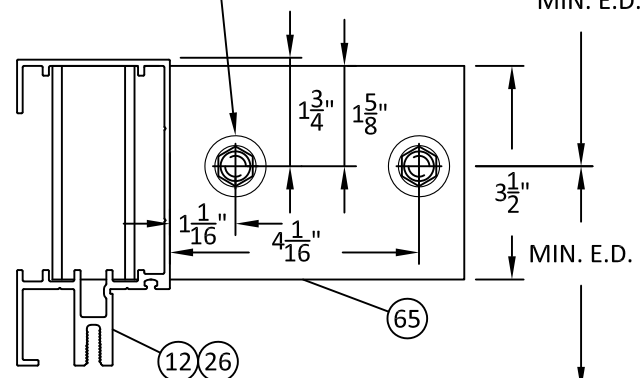
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DWG. #:	YKK275
SECTION:	6.2

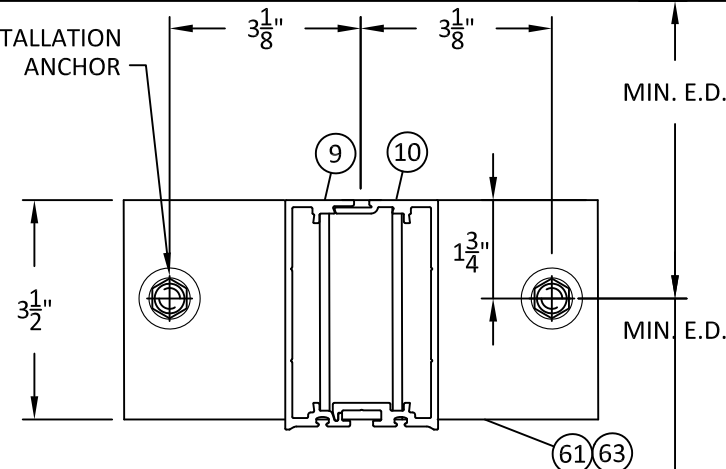
EDGE OF OPENING SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS

INSTALLATION
ANCHOR



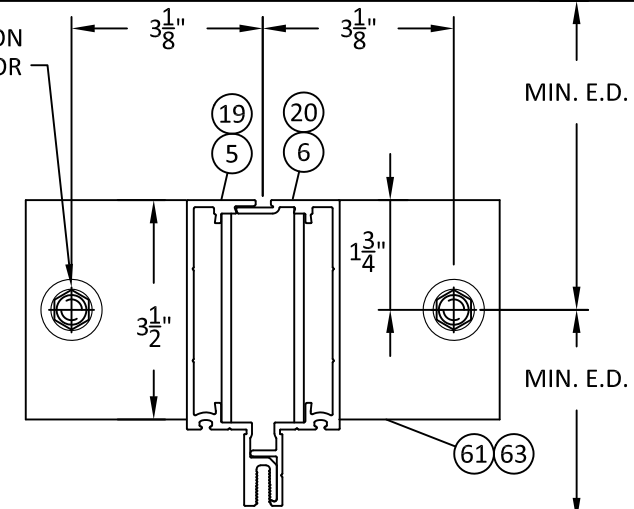
4 HORIZONTAL SECTION
6.2 F-ANCHOR
6" SYSTEM

INSTALLATION
ANCHOR



5 HORIZONTAL SECTION
6.2 T-ANCHOR
6" SYSTEM

INSTALLATION
ANCHOR

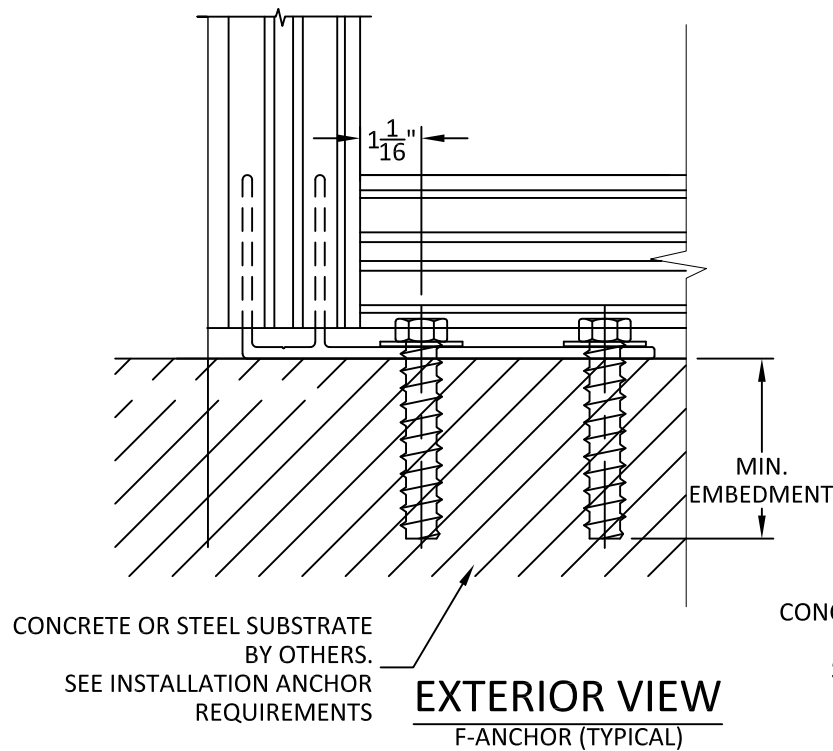


6 HORIZONTAL SECTION
6.2 T-ANCHOR
6" VERTICAL MULLION AND CORNER

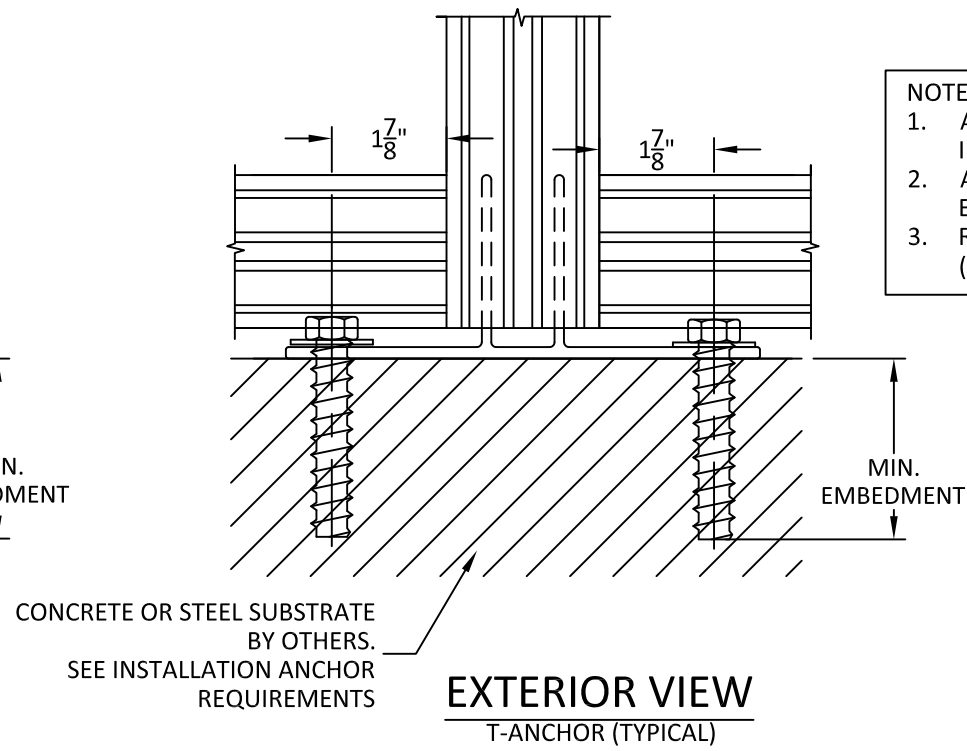
1" GLAZING SYSTEM SHOWN
1/4" GLAZING SYSTEM SIMILAR

NOTE:

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3. REFER TO INSTALLATION ANCHOR REQUIREMENTS FOR MINIMUM EDGE DISTANCES (E.D.), EMBEDMENTS (EMBED), & PROPERTIES OF OPENING SUBSTRATE, SECTIONS 7 & 8.

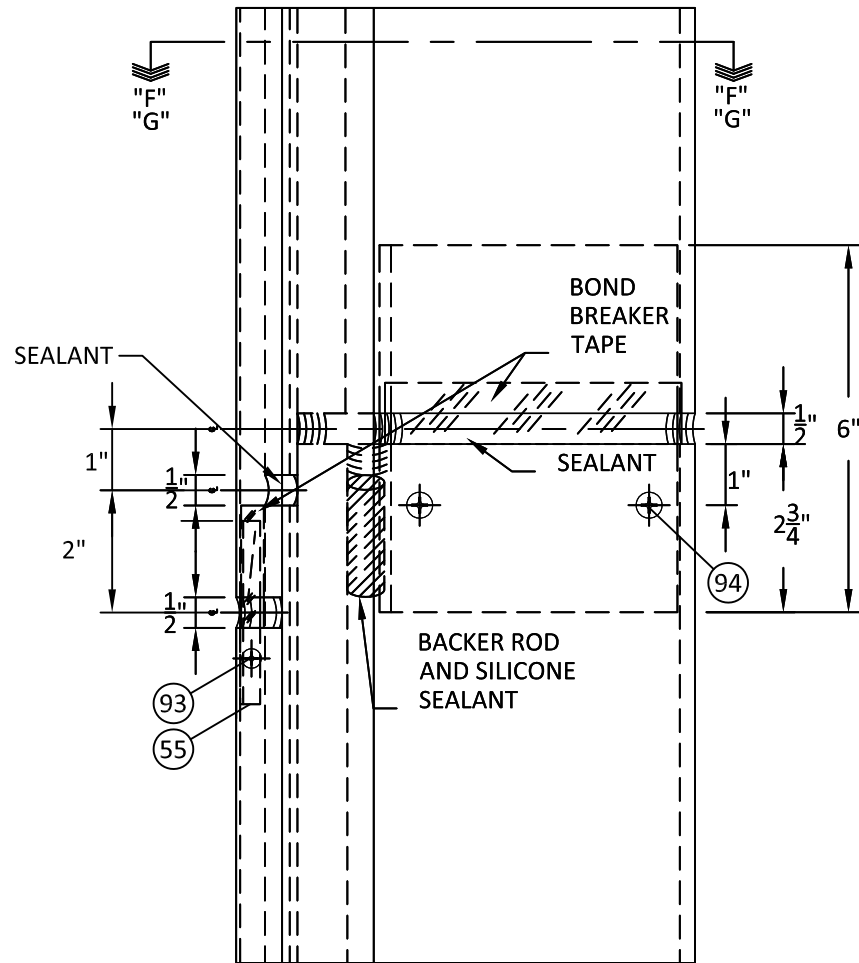


EXTERIOR VIEW
F-ANCHOR (TYPICAL)



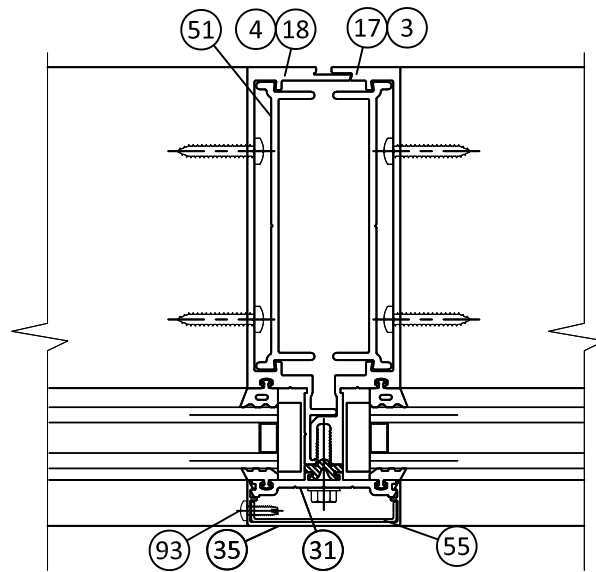
EXTERIOR VIEW
T-ANCHOR (TYPICAL)

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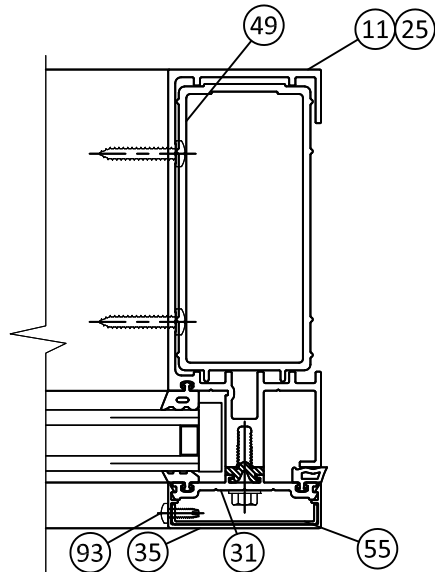


7
6.3 **SPLICE SLEEVE**
VERTICAL DETAIL 7 1/2" MULLION

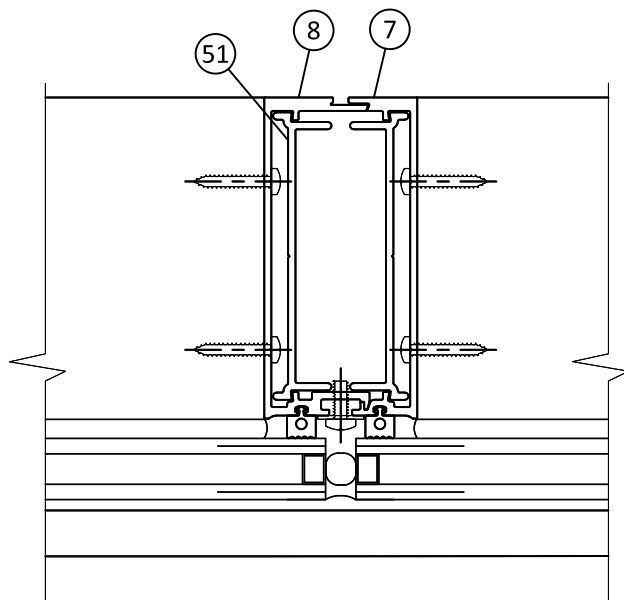
1" GLAZING SYSTEM SHOWN
1/4" GLAZING SYSTEM SIMILAR



8
6.3 **SPLICE SLEEVE**
7 1/2" CAPTURED MULLION



9
6.3 **SPLICE SLEEVE**
7 1/2" JAMB



10
6.3 **SPLICE SLEEVE**
7 1/2" SSG MULLION



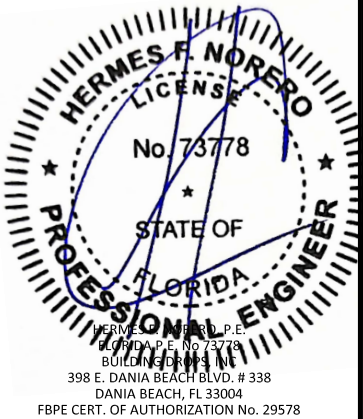
YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
SPICE DETAILS

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SCALE: **NTS**

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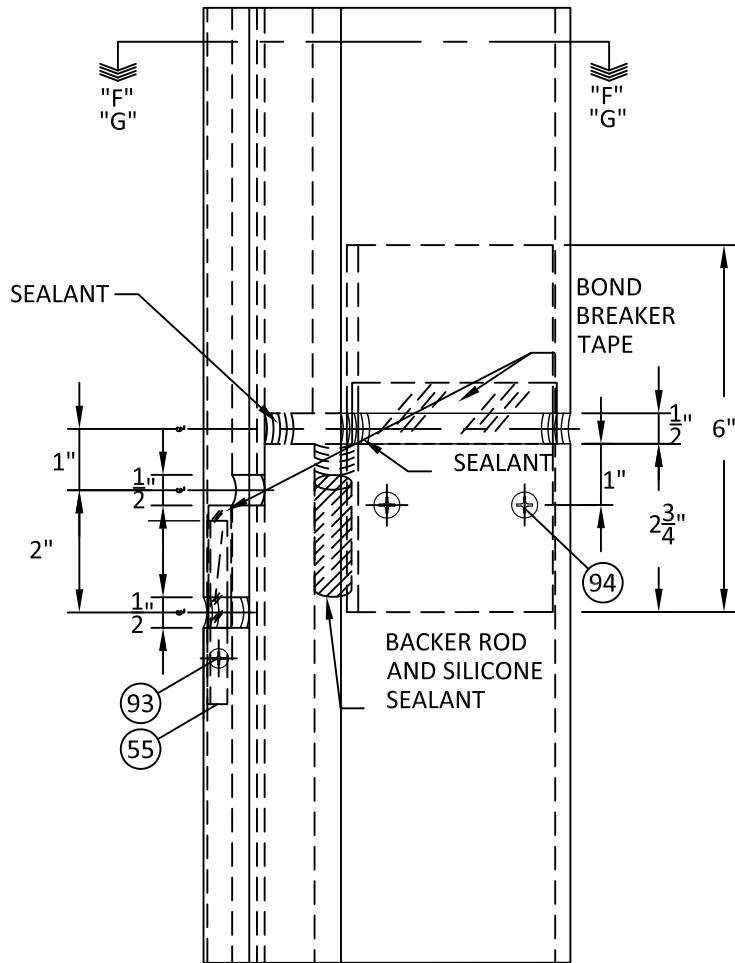
SECTION:

6.3

[PAGE 19 of 29]

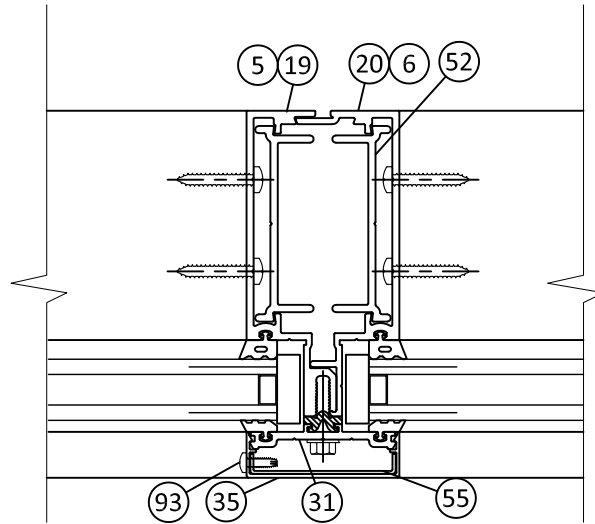
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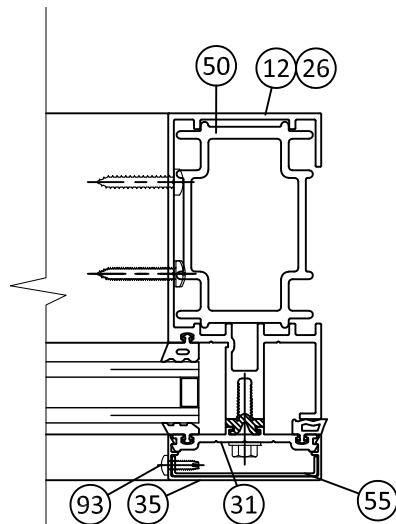


11
6.4 **SPLICE SLEEVE**
VERTICAL DETAIL 6" VERTICAL MULLION

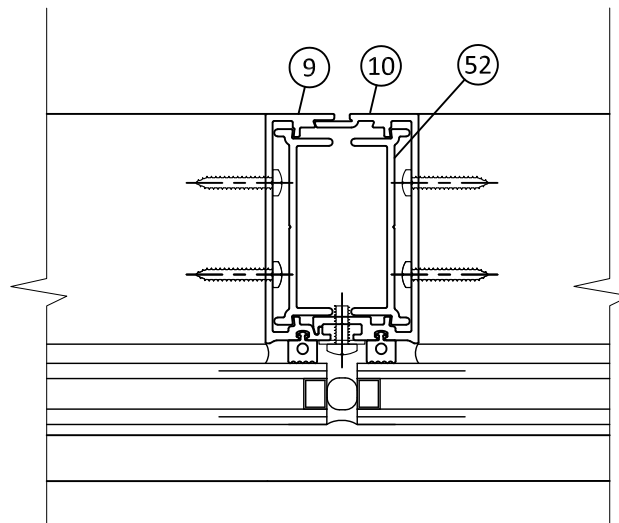
1" GLAZING SYSTEM SHOWN
1/4" GLAZING SYSTEM SIMILAR



12
6.4 **SPLICE SLEEVE**
6" CAPTURED MULLION



13
6.4 **SPLICE SLEEVE**
6" JAMB



14
6.4 **SPLICE SLEEVE**
6" SSG MULLION



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TITLE:
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(NON-HVHZ) (NON-IMPACT)

SPLICE DETAILS

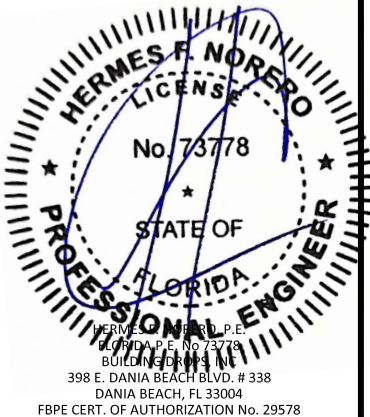
PREPARED BY:
BUILDING DROPS, INC.

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SECTION:

6.4

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F & T ANCHOR CAPACITY

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)					
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN HEIGHT 'H' (in.)	ANCHOR TYPE 'A'	ANCHOR TYPE 'B'	ANCHOR TYPE 'C'	ANCHOR TYPE 'D'
36	102	88.2	100.0	100.0	100.0
42		75.6	100.0	94.5	100.0
48		66.2	100.0	82.7	100.0
54		58.8	100.0	73.5	91.2
60		52.9	95.6	66.2	82.1
66		48.1	86.9	60.2	74.6
72		44.1	79.7	55.1	68.4
36	108	83.3	100.0	100.0	100.0
42		71.4	100.0	89.3	100.0
48		62.5	100.0	78.1	96.9
54		55.6	100.0	69.4	86.1
60		50.0	90.3	62.5	77.5
66		45.5	82.1	56.8	70.5
72		41.7	75.3	52.1	64.6
36	114	78.9	100.0	98.7	100.0
42		67.7	100.0	84.6	100.0
48		59.2	100.0	74.0	91.8
54		52.6	95.1	65.8	81.6
60		47.4	85.6	59.2	73.4
66		43.1	77.8	53.8	66.7
72		39.5	71.3	49.3	61.2
36	120	75.0	100.0	93.8	100.0
42		64.3	100.0	80.4	99.6
48		56.3	100.0	70.3	87.2
54		50.0	90.3	62.5	77.5
60		45.0	81.3	56.3	69.8
66		40.9	73.9	51.1	63.4
72		37.5	67.7	46.9	58.1
36	126	71.4	100.0	89.3	100.0
42		61.2	100.0	76.5	94.9
48		53.6	96.8	67.0	83.0
54		47.6	86.0	59.5	73.8
60		42.9	77.4	53.6	66.4
66		39.0	70.4	48.7	60.4
72		35.7	64.5	44.6	55.4
36	132	68.2	100.0	85.2	100.0
42		58.4	100.0	73.1	90.6
48		51.1	92.4	63.9	79.3
54		45.5	82.1	56.8	70.5
60		40.9	73.9	51.1	63.4
66		37.2	67.2	46.5	57.6
72		34.1	61.6	42.6	52.8

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)					
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN HEIGHT 'H' (in.)	ANCHOR TYPE 'A'	ANCHOR TYPE 'B'	ANCHOR TYPE 'C'	ANCHOR TYPE 'D'
36	138	65.2	100.0	81.5	100.0
42		55.9	100.0	69.9	86.6
48		48.9	88.3	61.1	75.8
54		43.5	78.5	54.3	67.4
60		39.1	70.7	48.9	60.7
66		35.6	64.3	44.5	55.1
72		32.6	58.9	40.8	50.5
36	144	62.5	100.0	78.1	96.9
42		53.6	96.8	67.0	83.0
48		46.9	84.7	58.6	72.7
54		41.7	75.3	52.1	64.6
60		37.5	67.7	46.9	58.1
66		34.1	61.6	42.6	52.8
72		31.3	56.4	39.1	48.4
36	150	60.0	100.0	75.0	93.0
42		51.4	92.9	64.3	79.7
48		45.0	81.3	56.3	69.8
54		40.0	72.2	50.0	62.0
60		36.0	65.0	45.0	55.8
66		32.7	59.1	40.9	50.7
72		30.0	54.2	37.5	46.5
36	156	57.7	100.0	72.1	89.4
42		49.5	89.3	61.8	76.6
48		43.3	78.2	54.1	67.1
54		38.5	69.5	48.1	59.6
60		34.6	62.5	43.3	53.7
66		31.5	56.8	39.3	48.8
72		28.8	52.1	36.1	44.7
36	162	55.6	100.0	69.4	86.1
42		47.6	86.0	59.5	73.8
48		41.7	75.3	52.1	64.6
54		37.0	66.9	46.3	57.4
60		33.3	60.2	41.7	51.7
66		30.3	54.7	37.9	47.0
72		27.8	50.2	34.7	43.1
36	168	53.6	96.8	67.0	83.0
42		45.9	82.9	57.4	71.2
48		40.2	72.6	50.2	62.3
54		35.7	64.5	44.6	55.4
60		32.1	58.1	40.2	49.8
66		29.2	52.8	36.5	45.3
72		26.8	48.4	33.5	41.5



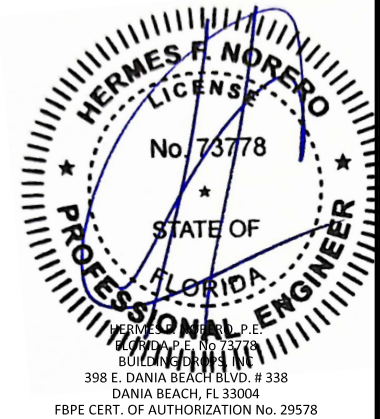
YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
F & T ANCHOR 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
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23

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FL #:
FL15921

DATE:
09.23.20

DWG. BY:
ER

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK275

SECTION:
6.5
[PAGE 21 of 29]

F & T ANCHOR CAPACITY

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)					
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN HEIGHT 'H' (in.)	ANCHOR TYPE 'A'	ANCHOR TYPE 'B'	ANCHOR TYPE 'C'	ANCHOR TYPE 'D'
36	174	51.7	93.4	64.7	80.2
42		44.3	80.1	55.4	68.7
48		38.8	70.1	48.5	60.1
54		34.5	62.3	43.1	53.4
60		31.0	56.1	38.8	48.1
66		28.2	51.0	35.3	43.7
72		25.9	46.7	32.3	40.1
36	180	50.0	90.3	62.5	77.5
42		42.9	77.4	53.6	66.4
48		37.5	67.7	46.9	58.1
54		33.3	60.2	41.7	51.7
60		30.0	54.2	37.5	46.5
66		27.3	49.3	34.1	42.3
72		25.0	45.2	31.3	38.8
36	186	48.4	87.4	60.5	75.0
42		41.5	74.9	51.8	64.3
48		36.3	65.5	45.4	56.3
54		32.3	58.3	40.3	50.0
60		29.0	52.4	36.3	45.0
66		26.4	47.7	33.0	40.9
72		24.2	43.7	30.2	37.5
36	192	46.9	84.7	58.6	72.7
42		40.2	72.6	50.2	62.3
48		35.2	63.5	43.9	54.5
54		31.3	56.4	39.1	48.4
60		28.1	50.8	35.2	43.6
66		25.6	46.2	32.0	39.6
72		23.4	42.3	29.3	36.3
36	198	45.5	82.1	56.8	70.5
42		39.0	70.4	48.7	60.4
48		34.1	61.6	42.6	52.8
54		30.3	54.7	37.9	47.0
60		27.3	49.3	34.1	42.3
66		24.8	44.8	31.0	38.4
72		22.7	41.1	28.4	35.2



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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 #:
FL15921

DATE: **09.23.20**

DWG. BY: **ER** CHK. BY: **HFN**

SCALE: **NTS**

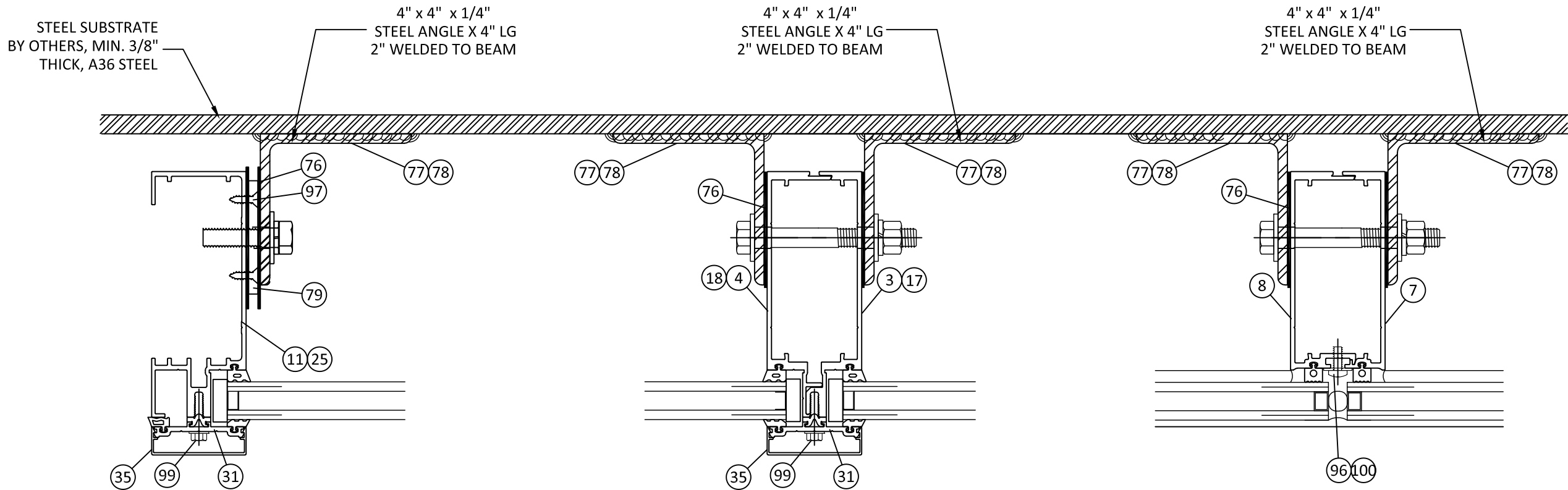
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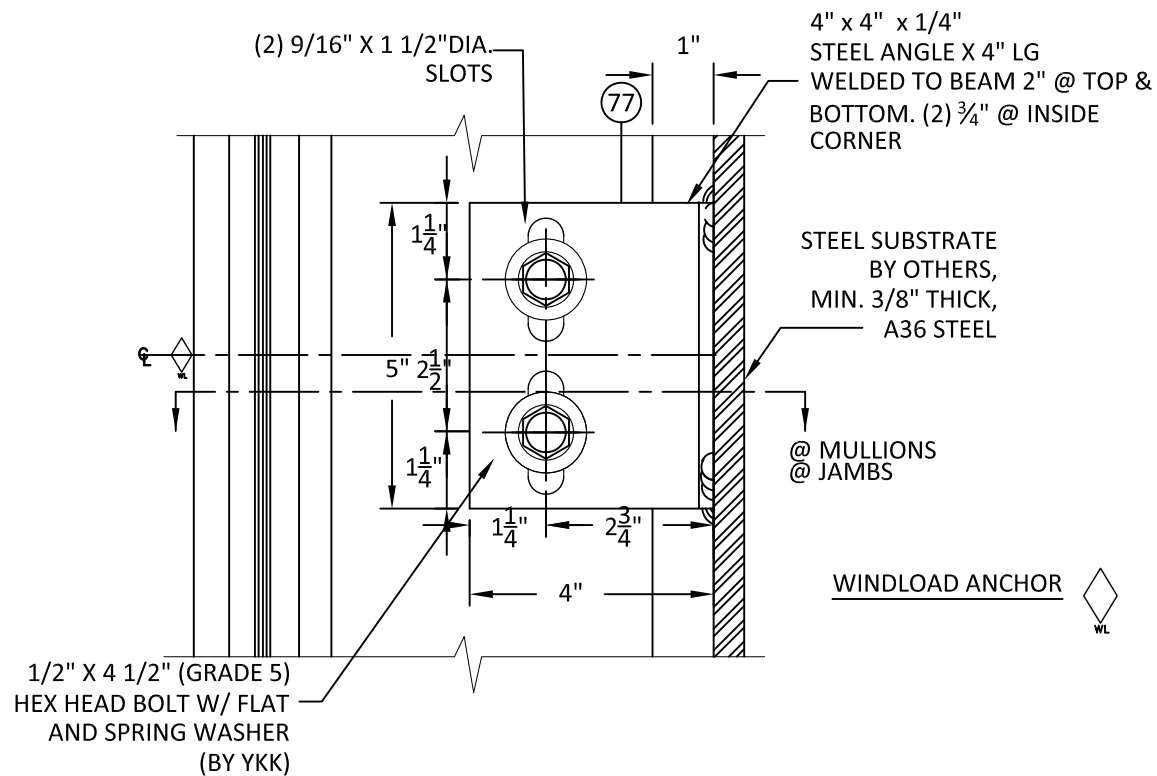
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[PAGE 22 of 29]

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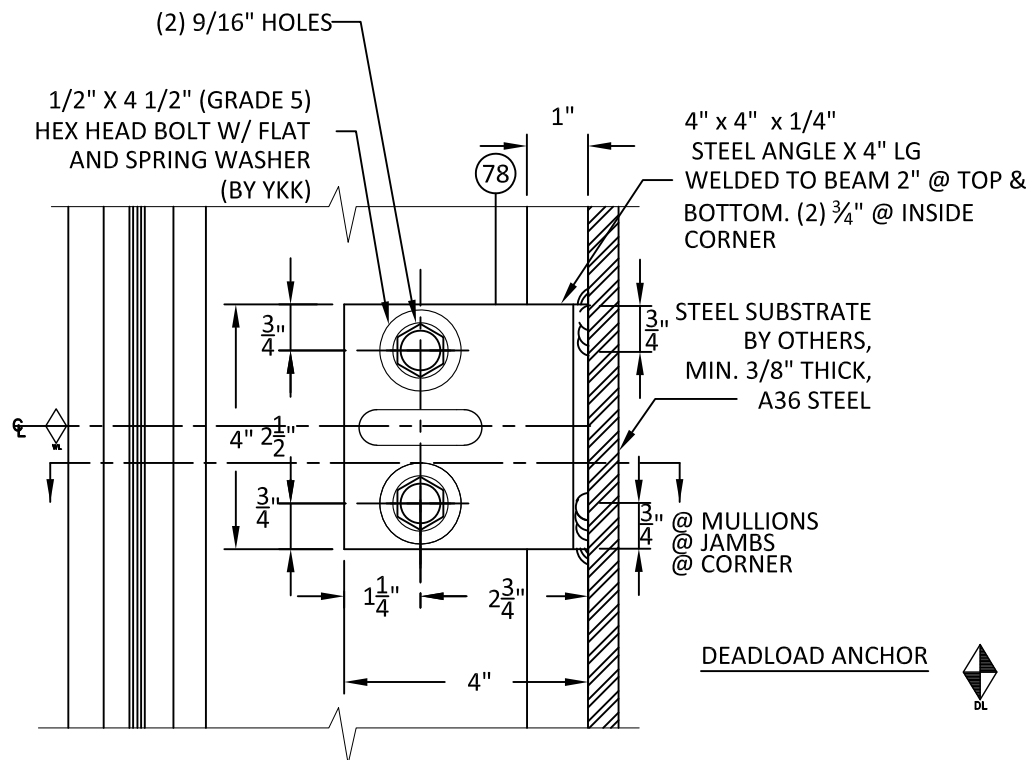
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1 HORIZONTAL SECTION
7.0 WIND/DEAD LOAD ANCHOR AT 7 1/2" VERTICAL MULLION



2 VERTICAL SECTION
7.0 WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION



YKK AP AMERICA, Inc.
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YCW 750 SPLINETECH® CURTAIN WALL
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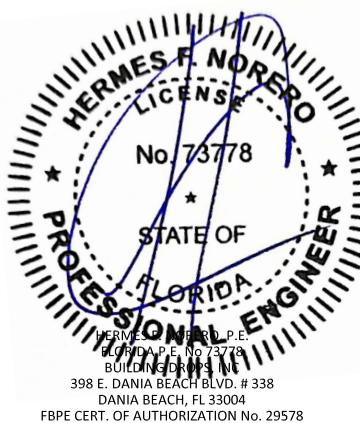
WIND LOAD / DEAD LOAD DETAILS

PREPARED BY:
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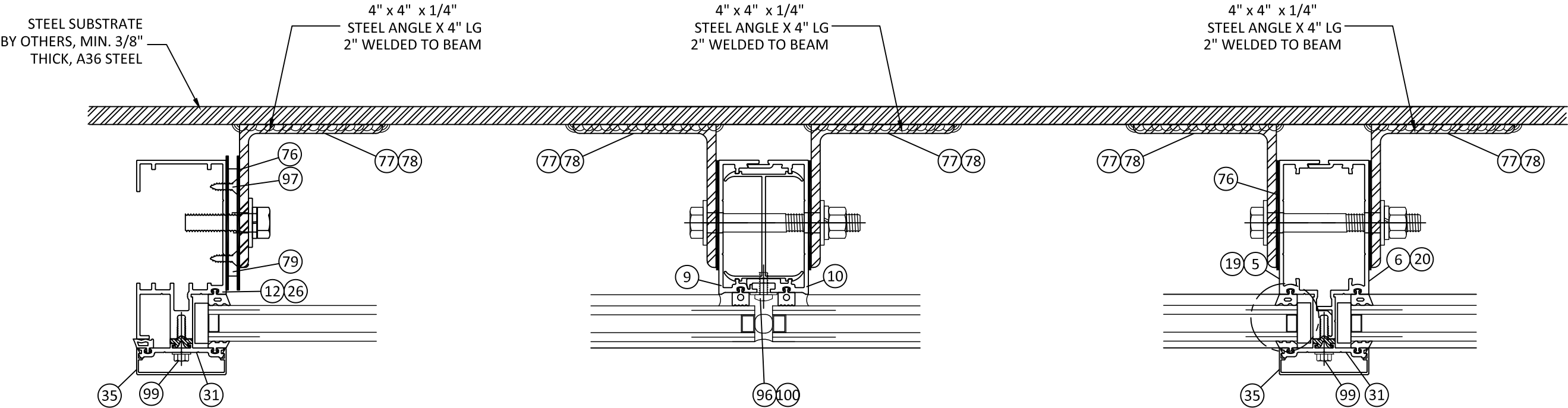


FL #:	FL15921
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SCALE:	NTS
DWG. #:	YKK275
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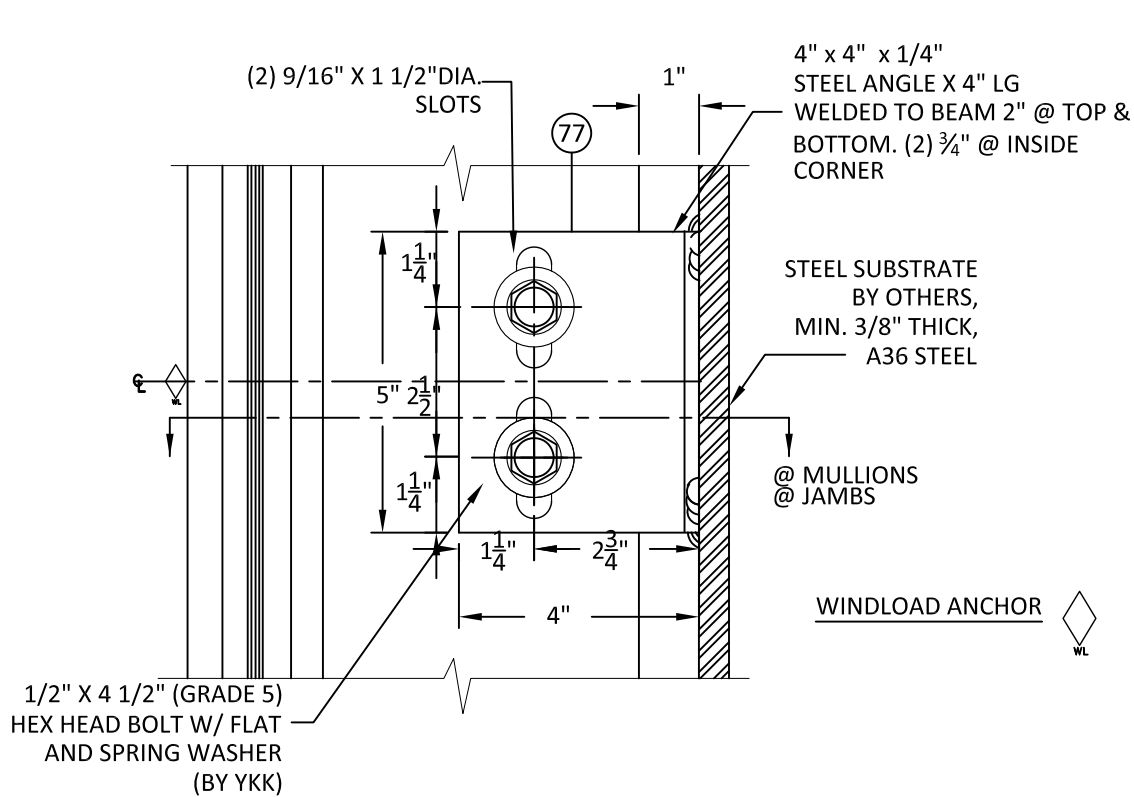
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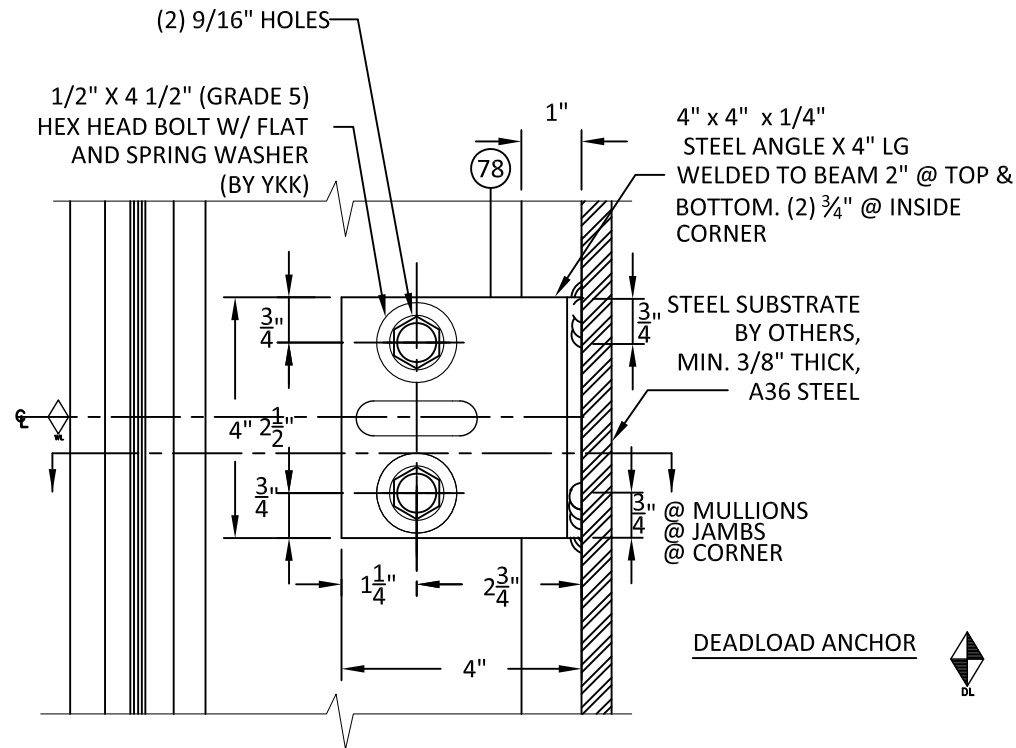
3 HORIZONTAL SECTION

7.1 WIND/DEAD LOAD ANCHOR
AT 6" VERTICAL MULLION



4 VERTICAL SECTION

7.1 WIND/DEAD LOAD ANCHOR
AT VERTICAL MULLION



YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

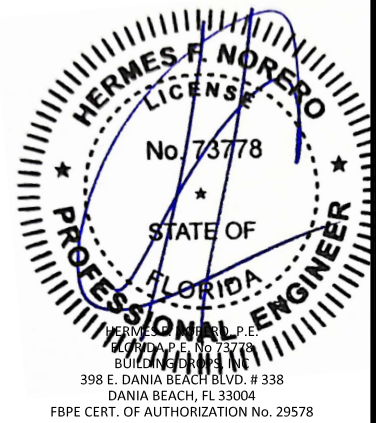
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YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
WIND LOAD / DEAD LOAD DETAILS

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[PAGE 24 of 29]	

WIND LOAD ANCHOR CAPACITY

MAXIMUM DESIGN PRESSURE : WIND LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE E & F	ANCHOR TYPE E & F
WIDTH (IN.)	HEIGHT (IN.)	'UNCRACKED'	'CRACKED'
30	108	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54		100.0	94.8
60		98.7	85.3
66		89.7	77.6
72		82.2	71.1
30	114	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54		100.0	89.8
60		93.5	80.8
66		85.0	73.5
72		77.9	67.4
30	120	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	96.0
54		98.7	85.3
60		88.8	76.8
66		80.7	69.8
72		74.0	64.0
30	126	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	91.4
54		94.0	81.3
60		84.6	73.1
66		76.9	66.5
30	132	100.0	100.0
36		100.0	100.0
42		100.0	99.7
48		100.0	87.3
54		89.7	77.6
60		80.7	69.8
66		73.4	63.5

MAXIMUM DESIGN PRESSURE : WIND LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE E & F	ANCHOR TYPE E & F
WIDTH (IN.)	HEIGHT (IN.)	'UNCRACKED'	'CRACKED'
30	138	100.0	100.0
36		100.0	100.0
42		100.0	95.4
48		96.5	83.5
54		85.8	74.2
60		77.2	66.8
30	144	100.0	100.0
36		100.0	100.0
42		100.0	91.4
48		92.5	80.0
54		82.2	71.1
60		74.0	64.0
30	150	100.0	100.0
36		100.0	100.0
42		100.0	87.8
48		88.8	76.8
54		78.9	68.3
60		71.0	61.4
30	156	100.0	100.0
36		100.0	98.5
42		97.6	84.4
48		85.4	73.8
54		75.9	65.6
60		68.3	59.1
30	162	100.0	100.0
36		100.0	94.8
42		94.0	81.3
48		82.2	71.1
54		73.1	63.2
60		65.8	56.9
30	168	100.0	100.0
36		100.0	91.4
42		90.6	78.4
48		79.3	68.6
54		70.5	61.0
60		63.4	54.9

MAXIMUM DESIGN PRESSURE : WIND LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE E & F	ANCHOR TYPE E & F
WIDTH (IN.)	HEIGHT (IN.)	'UNCRACKED'	'CRACKED'
30	174	100.0	100.0
36		100.0	88.3
42		87.5	75.7
48		76.6	66.2
54		68.0	58.9
60		61.2	53.0
30	180	100.0	100.0
36		98.7	85.3
42		84.6	73.1
48		74.0	64.0
54		65.8	56.9
60		59.2	51.2
30	186	100.0	99.1
36		95.5	82.6
42		81.8	70.8
48		71.6	61.9
54		63.7	55.1
60		57.3	49.5
30	192	100.0	96.0
36		92.5	80.0
42		79.3	68.6
48		69.4	60.0
54		61.7	53.3
60		55.5	48.0
30	198	100.0	93.1
36		89.7	77.6
42		76.9	66.5
48		67.3	58.2
54		59.8	51.7
60		53.8	46.5



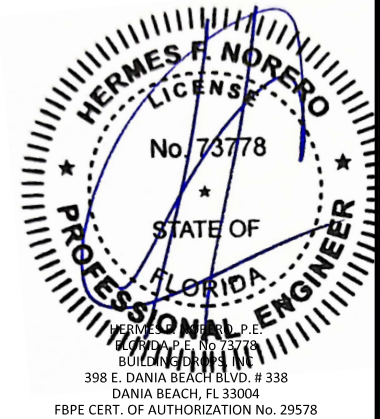
YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

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YCW 750 SPLINETECH® CURTAIN WALL
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WIND LOAD / DEAD LOAD DETAILS

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YKK275

SECTION:
7.2
[PAGE 25 of 29]

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DEAD LOAD ANCHOR CAPACITY

MAXIMUM DESIGN PRESSURE DEAD LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE E & F 'UNCRACKED'	ANCHOR TYPE E & F 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)		
30	108	120.0	120.0
36		120.0	120.0
42		120.0	110.5
48		112.7	96.7
54		100.1	85.9
60		90.1	77.3
30	114	120.0	120.0
36		120.0	120.0
42		120.0	104.7
48		106.7	91.6
54		94.9	81.4
60		85.4	73.3
30	120	120.0	120.0
36		120.0	116.0
42		115.9	99.4
48		101.4	87.0
54		90.1	77.3
60		81.1	69.6
30	126	120.0	120.0
36		120.0	110.5
42		110.4	94.7
48		96.6	82.9
54		85.8	73.7
60		77.3	66.3
30	132	120.0	120.0
36		120.0	105.5
42		105.4	90.4
48		92.2	79.1
54		81.9	70.3
60		73.7	63.3
30	138	120.0	120.0
36		117.6	100.9
42		100.8	86.5
48		88.2	75.7
54		78.4	67.2
60		70.5	60.5

MAXIMUM DESIGN PRESSURE DEAD LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE E & F 'UNCRACKED'	ANCHOR TYPE E & F 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)		
30	144	120.0	116.0
36		112.7	96.7
42		96.6	82.9
48		84.5	72.5
54		75.1	64.4
60		67.6	58.0
30	150	120.0	111.4
36		108.2	92.8
42		92.7	79.5
48		81.1	69.6
54		72.1	61.9
60		64.9	55.7
30	156	120.0	107.1
36		104.0	89.2
42		89.1	76.5
48		78.0	66.9
54		69.3	59.5
60		62.4	53.5
30	162	120.0	103.1
36		100.1	85.9
42		85.8	73.7
48		75.1	64.4
54		66.8	57.3
60		60.1	51.6
30	168	115.9	99.4
36		96.6	82.9
42		82.8	71.0
48		72.4	62.1
54		64.4	55.2
60		57.9	49.7

MAXIMUM DESIGN PRESSURE DEAD LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE E & F 'UNCRACKED'	ANCHOR TYPE E & F 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)		
30	174	111.9	96.0
36		93.2	80.0
42		79.9	68.6
48		69.9	60.0
54		62.2	53.3
60		55.9	48.0
30	180	108.2	92.8
36		90.1	77.3
42		77.3	66.3
48		67.6	58.0
54		60.1	51.6
60		54.1	46.4
30	186	104.7	89.8
36		87.2	74.8
42		74.8	64.1
48		65.4	56.1
54		58.2	49.9
60		52.3	44.9
30	192	101.4	87.0
36		84.5	72.5
42		72.4	62.1
48		63.4	54.4
54		56.3	48.3
60		50.7	43.5
30	198	98.3	84.4
36		81.9	70.3
42		70.2	60.3
48		61.5	52.7
54		54.6	46.9
60		49.2	42.2



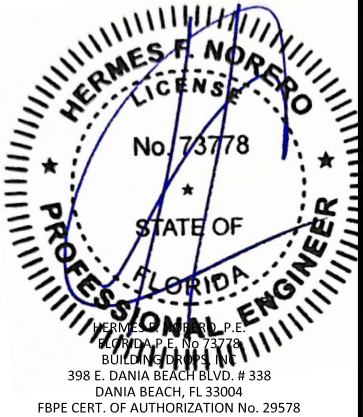
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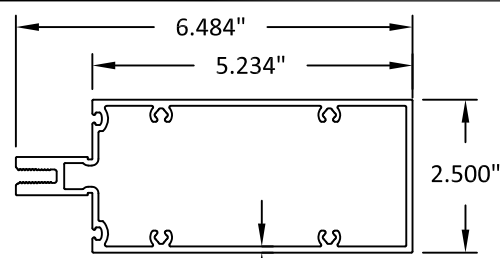
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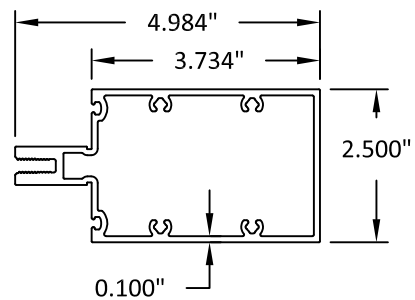
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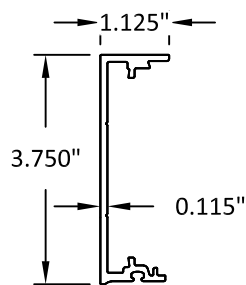
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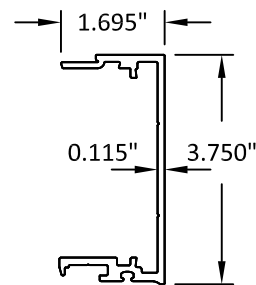
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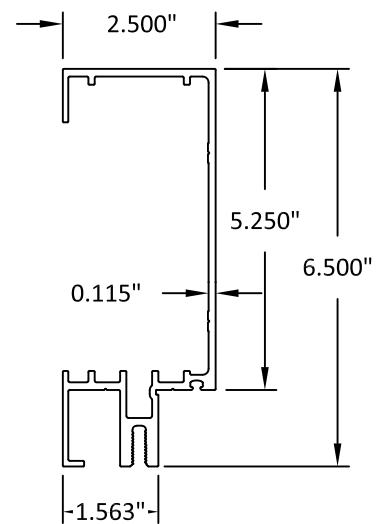
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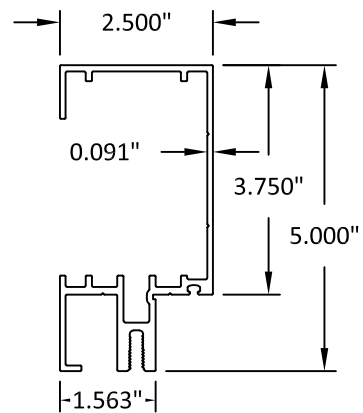
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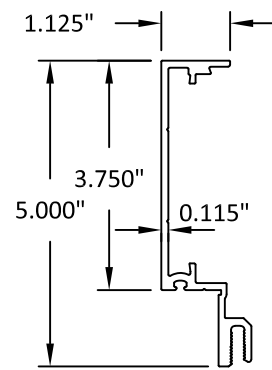
10 MALE SSG
MULLION HALF



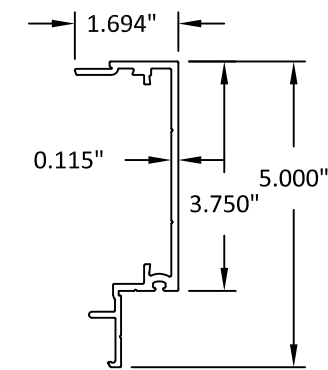
11 OPEN BACK JAMB
(1"GL)



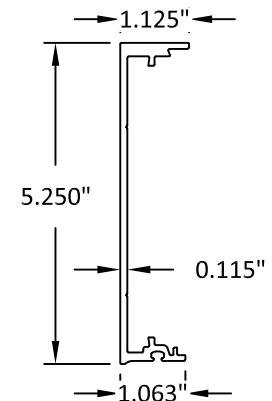
12 OPEN BACK JAMB
(1"GL)



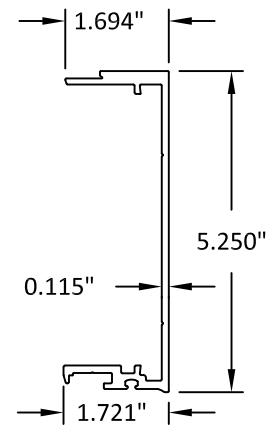
5 FEMALE
MULLION HALF
(1"GL)



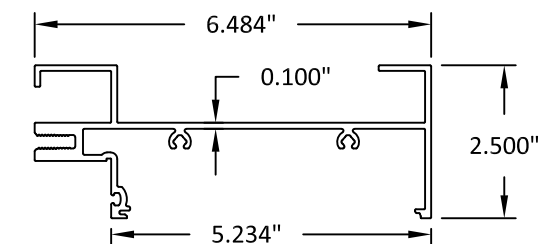
6 MALE
MULLION HALF
(1"GL)



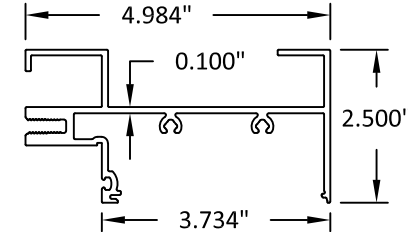
7 FEMALE SSG
MULLION HALF



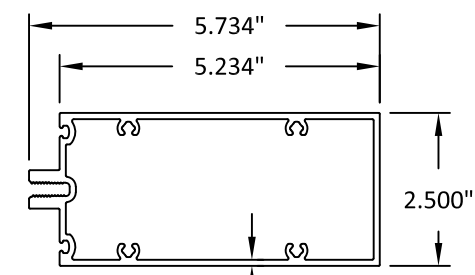
8 MALE SSG
MULLION HALF



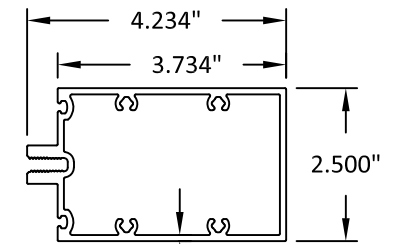
13 OPEN BACK HEAD/SILL
(1"GL)



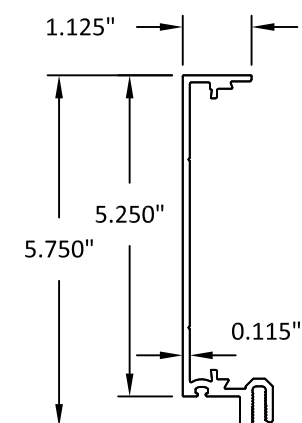
14 OPEN BACK HEAD/SILL
(1"GL)



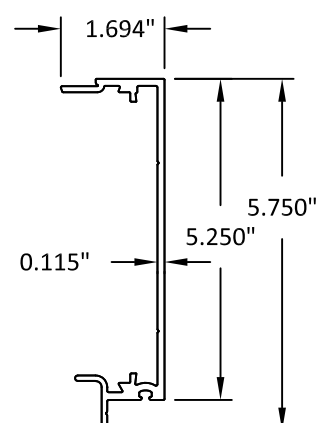
15 HORIZONTAL
(1/4"GL)



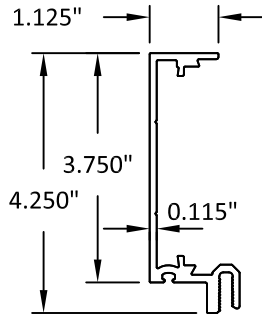
16 HORIZONTAL
(1/4"GL)



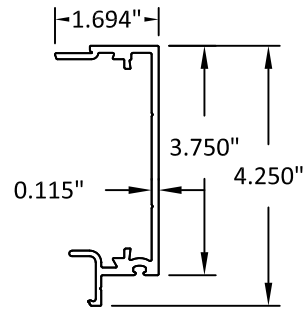
17 FEMALE MULLION HALF
(1/4"GL)



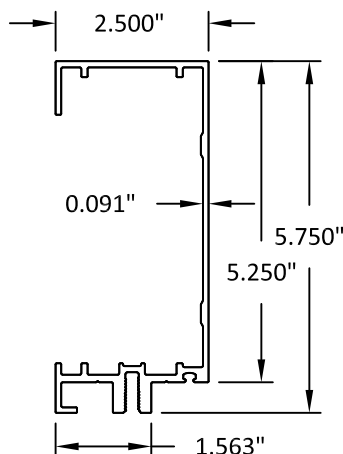
18 MALE MULLION HALF
(1/4"GL)



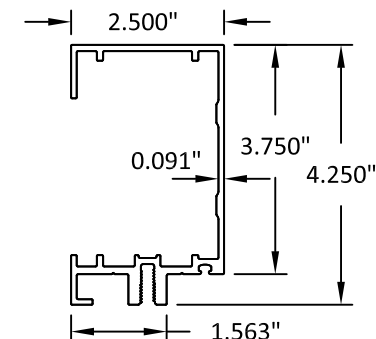
19 FEMALE MULLION HALF
(1/4"GL)



20 MALE MULLION HALF
(1/4"GL)



25 OPEN BACK JAMB
(1/4"GL)



26 OPEN BACK JAMB
(1/4"GL)



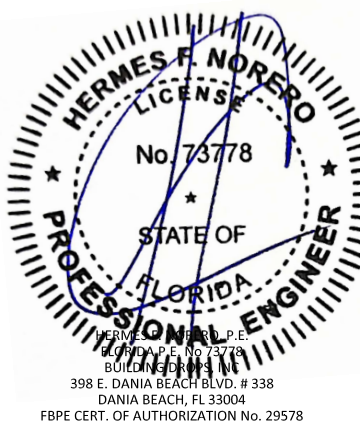
YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
COMPONENTS & 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
A. 2023 FBC CODE UPDATE	MS	04.28.23

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 #: FL15921

DATE: 09.23.20

DWG. BY: ER
CHK. BY: HFN

SCALE: NTS

DWG. #: YKK275

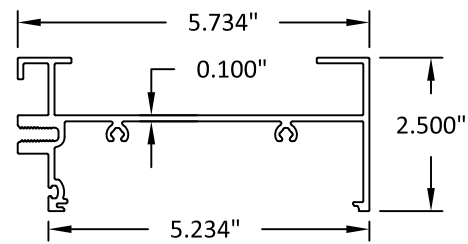
SECTION:

8.0

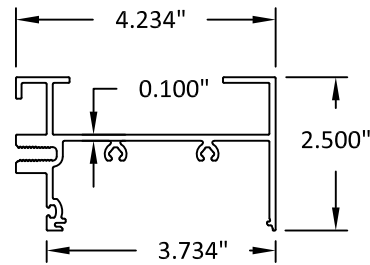
[PAGE 27 of 29]

6/30/2023 9:24 AM

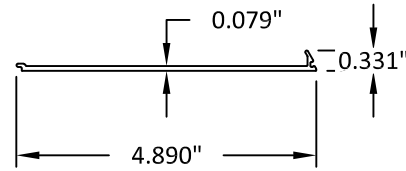
s:\projects\ykk ap america, inc\cc-23-0226-1 - fbc 2023 (8th edition) commercial code change.dwg (115921) \ykk275.dwg



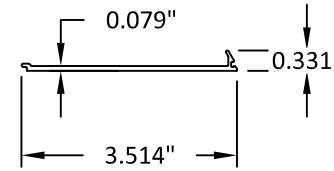
27 OPEN BACK HEAD/SILL
(1/4"GL)



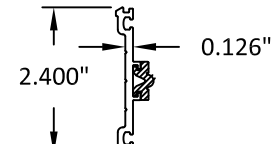
28 OPEN BACK HEAD/SILL
(1/4"GL)



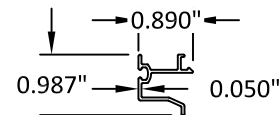
29 HORIZONTAL FLUSH FILLER
(5-1/4")



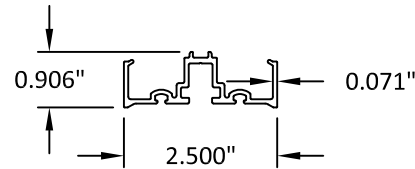
30 HORIZONTAL FLUSH FILLER
(3-3/4")



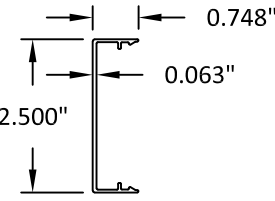
31 PRESSURE PLATE



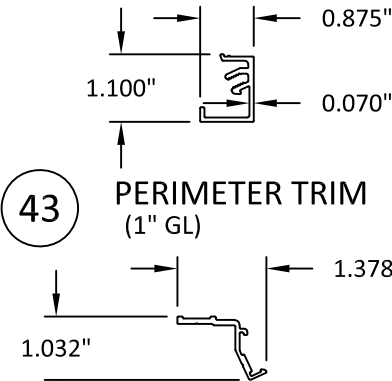
33 1/4" GLAZING ADAPTOR



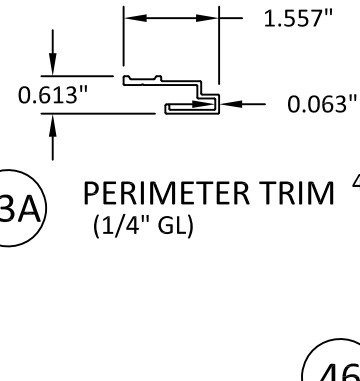
34 1/4" SSG GLAZING ADAPTOR



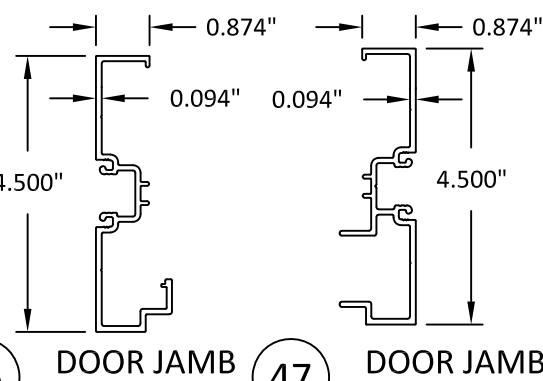
35 FACE COVER



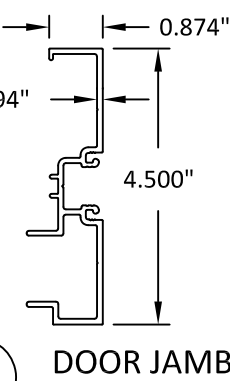
43 PERIMETER TRIM
(1" GL)



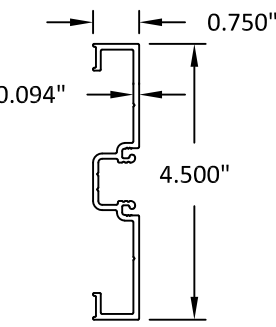
43A PERIMETER TRIM
(1/4" GL)



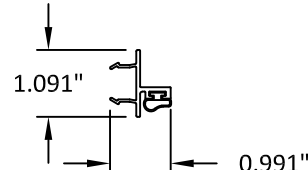
46 DOOR JAMB
(1/4" GL)



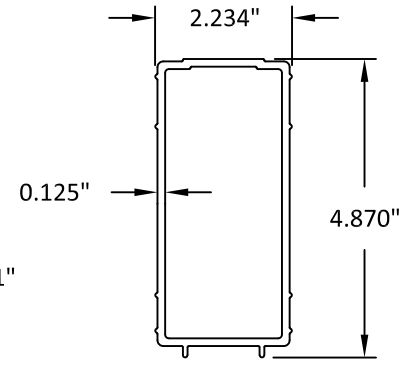
47 DOOR JAMB
(1" GL)



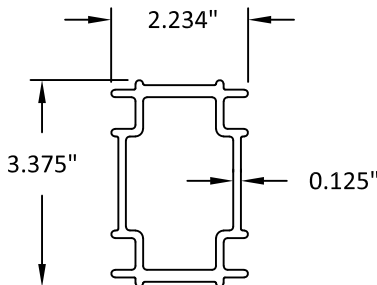
47A DOOR JAMB
SSG



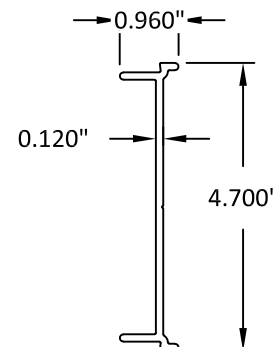
48 SNP-IN
DOOR STOP



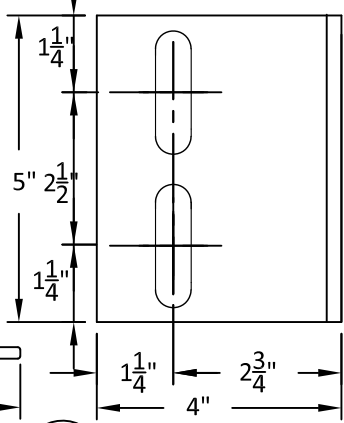
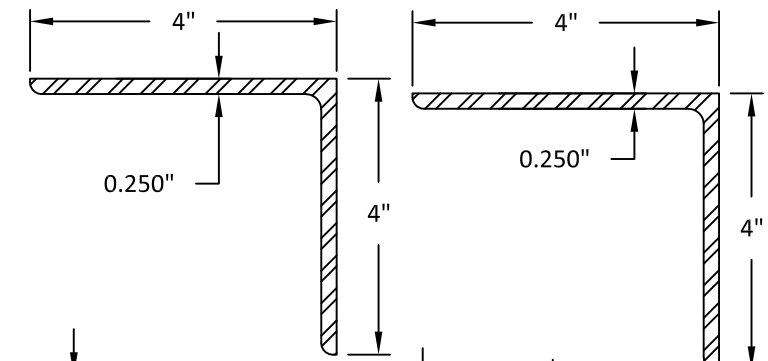
49 JAMB SPLICE SLEEVE
(3-3/4")



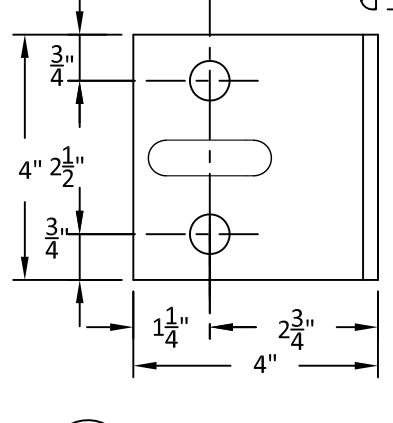
50 JAMB SPLICE SLEEVE
(3-3/4")



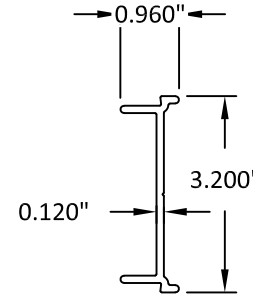
51 SPLICE SLEEVE
(5-1/4")



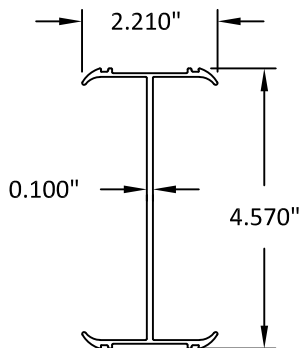
77 WIND LOAD
ANCHOR



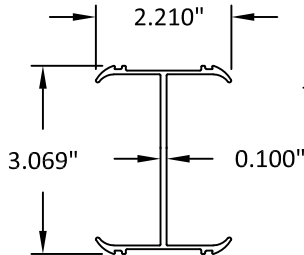
78 DEAD LOAD
ANCHOR



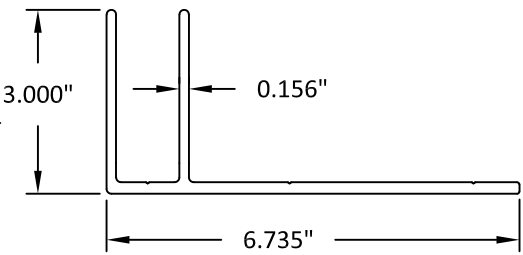
52 SPLICE SLEEVE
(3-3/4")



53 MULLION CLIP
(5-1/4")

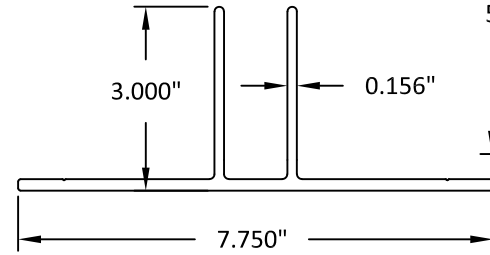


54 MULLION CLIP
(3-3/4")



64 MULLION "F" ANCHOR
(5 1/4")

65 MULLION "F" ANCHOR
(3 3/4")

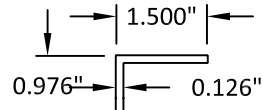


60 MULLION "T" ANCHOR
(1" GL)(5 1/4")

61 MULLION "T" ANCHOR
(1" GL)(3 3/4")

62 MULLION "T" ANCHOR
(1/4" GL)(5 1/4")

63 MULLION "T" ANCHOR
(1/4" GL)(3 3/4")



101 ALUMINUM ANGLE



YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)

COMPONENTS & 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
A. 2023 FBC CODE UPDATE	MS	04.28.23

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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 #:	FL15921
DATE:	09.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK275
SECTION:	8.1

ITEM #	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	E9-3605	HORIZONTAL (1" GL)(5-1/4")	6063-T5	YKK AP
2	E9-3625	HORIZONTAL (1" GL)(3-3/4")	6063-T5	YKK AP
3	E9-3602	FEMALE MULLION HALF (1" GL)(5-1/4")	6063-T5	YKK AP
4	E9-3601	MALE MULLION HALF (1" GL)(5-1/4")	6063-T5	YKK AP
5	E9-3622	FEMALE MULLION HALF (1" GL)(3-3/4")	6063-T5	YKK AP
6	E9-3621	MALE MULLION HALF (1" GL)(3-3/4")	6063-T5	YKK AP
7	E9-3612	FEMALE SSG MULLION HALF (5-1/4")	6063-T5	YKK AP
8	E9-3611	MALE SSG MULLION HALF (5-1/4")	6063-T5	YKK AP
9	E9-3632	FEMALE SSG MULLION HALF (3-3/4")	6063-T5	YKK AP
10	E9-3631	MALE SSG MULLION HALF (3-3/4")	6063-T5	YKK AP
11	E9-3580	OPEN BACK JAMB (1" GL)(5-1/4")	6063-T5	YKK AP
12	E9-3584	OPEN BACK JAMB (1" GL)(3-3/4")	6063-T5	YKK AP
13	E9-3604	OPEN BACK HEAD/SILL (1" GL)(5-1/4")	6063-T5	YKK AP
14	E9-3624	OPEN BACK HEAD/SILL (1" GL)(3-3/4")	6063-T5	YKK AP
15	E9-3610	HORIZONTAL (1/4" GL)(5-1/4")	6063-T5	YKK AP
16	E9-3630	HORIZONTAL (1/4" GL)(3-3/4")	6063-T5	YKK AP
17	E9-3607	FEMALE MULLION HALF (1/4" GL)(5-1/4")	6063-T5	YKK AP
18	E9-3606	MALE MULLION HALF (1/4" GL)(5-1/4")	6063-T5	YKK AP
19	E9-3627	FEMALE MULLION HALF (1/4" GL)(3-3/4")	6063-T5	YKK AP
20	E9-3626	MALE MULLION HALF (1/4" GL)(3-3/4")	6063-T5	YKK AP
25	E9-3588	OPEN BACK JAMB (1/4" GL)(5-1/4")	6063-T5	YKK AP
26	E9-3592	OPEN BACK JAMB (1/4" GL)(3-3/4")	6063-T5	YKK AP
27	E9-3609	OPEN BACK HEAD/SILL (1/4" GL)(5-1/4")	6063-T5	YKK AP
28	E9-3629	OPEN BACK HEAD/SILL (1/4" GL)(3-3/4")	6063-T5	YKK AP
29	E9-3162	HORIZONTAL FLUSH FILLER (5-1/4")	6063-T5	YKK AP
30	E9-3595	HORIZONTAL FLUSH FILLER (3-3/4")	6063-T5	YKK AP
31	AS-1216	PRESSURE PLATE	6063-T5	YKK AP
32	AS-3574	PRESSURE PLATE FOR DEEP COVERS	6063-T5	YKK AP
33	E9-3620	1/4" GLAZING ADAPTOR	6063-T5	YKK AP
34	E9-1275	1/4" SSG GLAZING ADAPTOR	6063-T5	YKK AP
35	E9-1206	FACE COVER (3/4")	6063-T5	YKK AP
36	E9-1229	FACE COVER (1-3/4")	6063-T5	YKK AP
37	E9-1219	FACE COVER (2-3/8")	6063-T5	YKK AP
38	E9-1207	HORIZONTAL FACE COVER (11/16")	6063-T5	YKK AP
39	E9-3504	FACE COVER (1-1/8")	6063-T5	YKK AP
40	E9-3521	FACE COVER (1-1/2")	6063-T5	YKK AP
41	E9-1293	BULL NOSE FACE COVER (2")	6063-T5	YKK AP
42	E9-1282	SSG MULLION TONGUE ADAPTOR (1" GL)	6063-T5	YKK AP
43	E9-3409	PERIMETER TRIM (1" GL)	6063-T5	YKK AP
43A	E9-3440	PERIMETER TRIM (1/4" GL)	6063-T5	YKK AP
44	E1-3543	PERIMETER TRIM CLIP	6063-T5	YKK AP
45	AS-0402	TRANSOM BAR (SINGLE ACTING)	6063-T5	YKK AP
46	E9-1224	DOOR JAMB (POCKET FRAME FOR 1/4" GL)	6063-T5	YKK AP
47	E9-3513	DOOR JAMB (POCKET FRAME FOR 1" GL)	6063-T5	YKK AP
47A	E9-2344	DOOR JAMB (FLAT FRAME)	6063-T5	YKK AP
48	AS-0417	SNAP-IN DOOR STOP	6063-T5	YKK AP
49	E1-1201	JAMB SPLICE SLEEVE (5-1/4")	6063-T5	YKK AP
50	E1-1354	JAMB SPLICE SLEEVE (3-3/4")	6063-T5	YKK AP
51	E1-3561	SPLICE SLEEVE (5-1/4")	6063-T5	YKK AP
52	E1-3563	SPLICE SLEEVE (3-3/4")	6063-T5	YKK AP
53	E1-3560	MULLION CLIP (5-1/4")	6063-T5	YKK AP

ITEM #	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
54	E1-3562	MULLION CLIP (3-3/4")	6063-T5	YKK AP
55	E1-1202	SPLICE SLEEVE FOR 3/4" FACE COVER	ALUM SHEET	---
56	E1-1203	SPLICE SLEEVE FOR 1-3/4" & 2" FACE COVER	ALUM SHEET	---
57	E1-1286	MULLION END CAP	ALUM SHEET	---
58	E1-3527	I.W./SSG MULLION END CAP (3-3/4")	ALUM SHEET	---
59	E1-3526	I.W./SSG MULLION END CAP (5-1/4")	ALUM SHEET	---
60	E1-1222	MULLION "T" ANCHOR (1" GL)(5-1/4")	6063-T5	YKK AP
61	E1-1229	MULLION "T" ANCHOR (1" GL)(3-3/4")	6063-T5	YKK AP
62	E1-1242	MULLION "T" ANCHOR (1/4" GL)(5-1/4")	6063-T5	YKK AP
63	E1-1226	MULLION "T" ANCHOR (1/4" GL)(3-3/4")	6063-T5	YKK AP
64	E1-1231	MULLION "F" ANCHOR (5-1/4")	6063-T5	YKK AP
65	E1-1232	MULLION "F" ANCHOR (3-3/4")	6063-T5	YKK AP
66	E2-0104	SETTING BLOCK (1" GL)	EPDM (85±5)	---
67	E2-0105	SIDE BLOCK (1" GL)	EPDM	---
68	E2-0102	STANDARD JOINT PLUG (1" GL)	EPDM SPONGE	---
69	E2-0245	SSG JOINT PLUG (1" GL)	EPDM	---
70	E2-0112	SETTING BLOCK (1/4" GL)	EPDM (85±5)	---
71	E2-0113	SIDE BLOCK (1/4" GL)	EPDM	---
72	E2-0125	STANDARD JOINT PLUG (1/4" GL)	EPDM SPONGE	---
73	E2-0279	SSG JOINT PLUG (1/4" GL)	SILICONE	---
74	E1-3524	OPTIONAL JAMB ANCHOR CLIP (3-3/4")	ALUM SHEET	---
75	E1-3525	OPTIONAL JAMB ANCHOR CLIP (5-1/4")	ALUM SHEET	---
76	E3-0103	NYLON SLIP PAD	NYLON	---
77	E1-1204	WIND LOAD ANCHOR	STEEL	---
78	E1-1205	DEAD LOAD ANCHOR	STEEL	---
79	E1-3536	JAMB ANCHOR PLATE	ALUM SHEET	---
80	E2-0099	WEEP BAFFLE	URETHANE	---
81	E3-1166	1-1/2" INCIDENTAL WATER PLUG	POLYPROPYLENE	---
82	E3-1167	1-1/8" INCIDENTAL WATER PLUG	POLYPROPYLENE	---
83	E2-0120	INTERIOR/EXTERIOR GLAZING GASKET	EPDM	---
84	E2-0126	INTERIOR SSG GLAZING SPACER	SILICONE	---
85	E2-0127	EXTERIOR GLAZING GASKET (SSG)	SILICONE	---
86	E2-0128	INTERIOR GLAZING GASKET (SSG)	SILICONE	---
87	E2-0110	SPACER TAPE	POLYURETHANE FOAM	---
88	E1-0183	STEEL REINFORCING (5-1/4")	STEEL	---
89	E1-9988	STEEL REINFORCING (3-3/4")	STEEL	---
90	E1-3565	DOOR JAMB ANCHOR (3-3/4")	6063-T5	YKK AP
91	E1-3564	DOOR JAMB ANCHOR (5-1/4")	6063-T5	YKK AP
92	PF-0808-SS	#8 X 1/2" PHSMS, TYPE F	STAINLESS STEEL	---
93	PF-1010-SS	#10-24 X 5/8" PHSMS, TYPE F	STAINLESS STEEL	---
94	PC-1006	#10 X 3/8" PHSMS, TYPE AB	ZINC PLATED STEEL	---
95	PC-1220	#12 X 1-1/4" PHSMS, TYPE AB	ZINC PLATED STEEL	---
96	PM-2510	1/4"-20 X 5/8" PHMS	ZINC PLATED STEEL	---
97	FC-1212	#12 X 3/4" FHSMS, TYPE AB	ZINC PLATED STEEL	---
98	FC-1410	1/4" X 5/8" FHSMS, TYPE AB	ZINC PLATED STEEL	---
99	HD-2516-W3-SS	1/4"-20 X 1" HWHMS, TYPE CA SS	STAINLESS STEEL	---
100	WW-2500	1/4" FLAT WASHER	ZINC PLATED STEEL	---
101	E9-9301	1-1/2" X 1" X 1/8" ANGLE	6063-T5	YKK AP
102	TEK-1012	#10-16 X 3/4" TEK HWHS	ZINC PLATED STEEL	---
103	PC-1012	#10 X 3/4" PHSMS, TYPE AB	ZINC PLATED STEEL	---
104	PM-1006	#10-24 X 3/8" PHMS	ZINC PLATED STEEL	---
105	PC-1216	#12 X 1" PHSMS, TYPE AB	ZINC PLATED STEEL	---
106	PC-1210	#12 X 5/8" PHSMS, TYPE AB	ZINC PLATED STEEL	---



YKK AP AMERICA, Inc.
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YCW 750 SPLINETECH® CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)

COMPONENTS & BILL OF MATERIALS

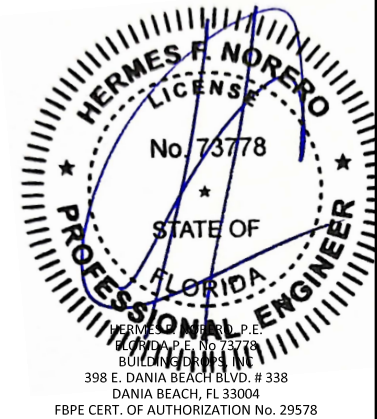
PREPARED BY:

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
A. 2023 FBC CODE UPDATE	MS	04.28.23

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 #:

FL15921

DATE: 09.23.20

DWG. BY: ER	CHK. BY: HFN
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SCALE: NTS

DWG. #: YKK275

SECTION:

8.2

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