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YKK AP AMERICA, Inc.

SERIES YCW 750 OG 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.

FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
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:

CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.

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 501-25

ASTM E283-19

ASTM E330-14

ASTM E331-00(23)
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 & 6063-T6 ALUMINUM.
7. ALL STRUCTURAL MATERIALS & DISSIMILIAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SECTION 5.0 FOR GLAZING DETAILS.

TABLE OF CONTENTS	
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 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.

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YKK AP America Inc

101 MARIETTA STREET NW, SUITE 2100

ATLANTA, GA 30303

PH: (478)277-1955 FAX: (678)838-6001

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

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.
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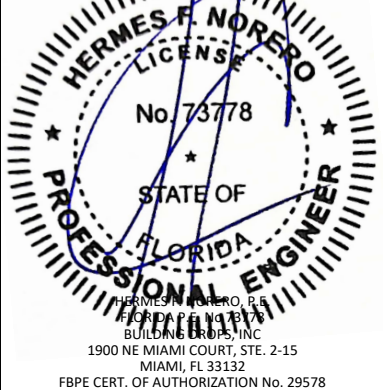
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A. 2023 FBC CODE UPDATE	MS	04.28.23
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.03 16:25:47 -0400



FL #:

FL15921

DATE:

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DWG. BY:

ER

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK272

SECTION:

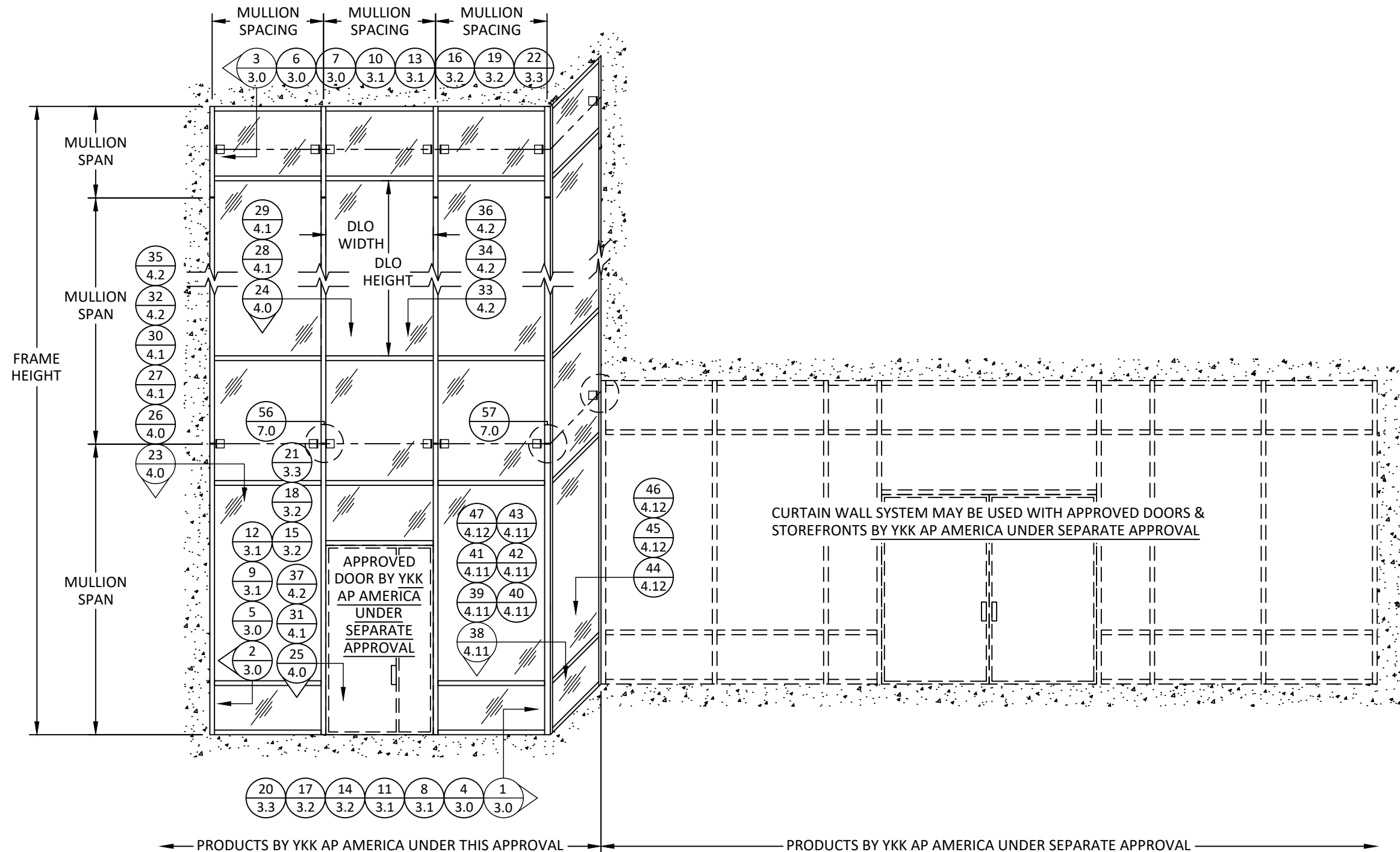
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ELEVATION

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



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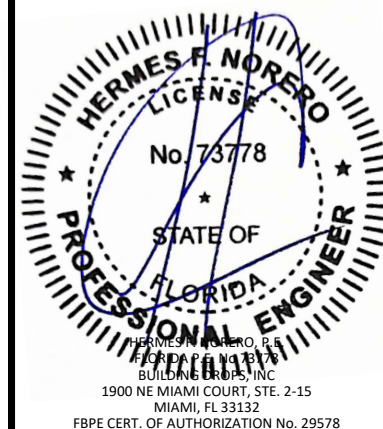
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SCALE: **NTS**

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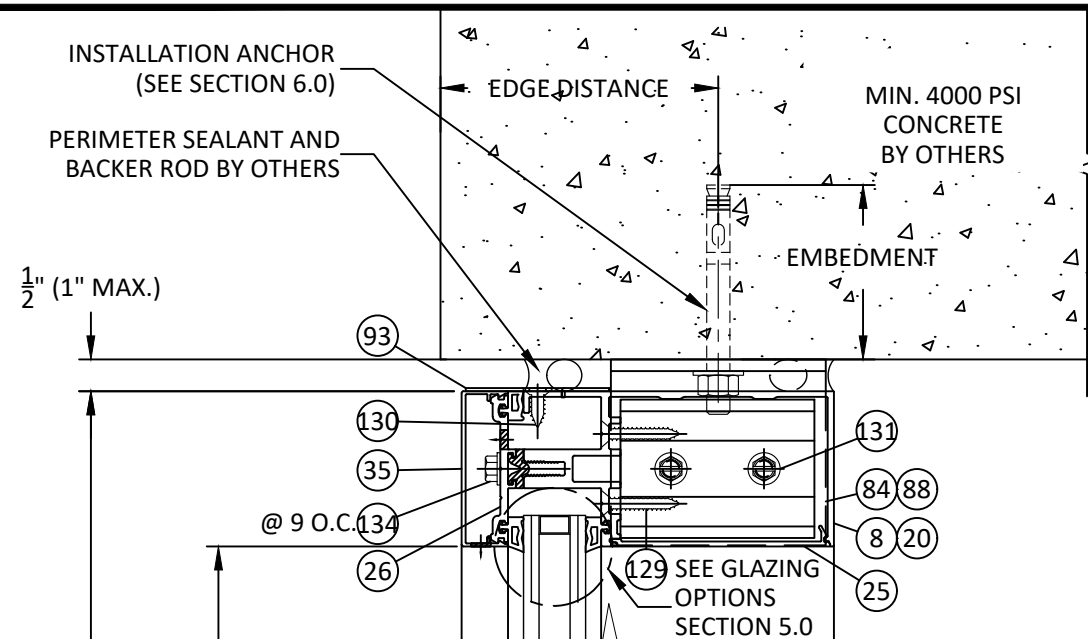
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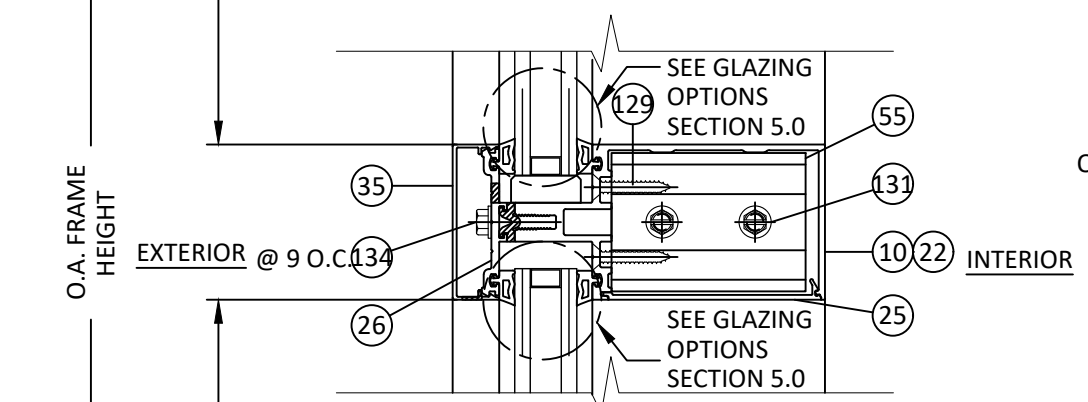
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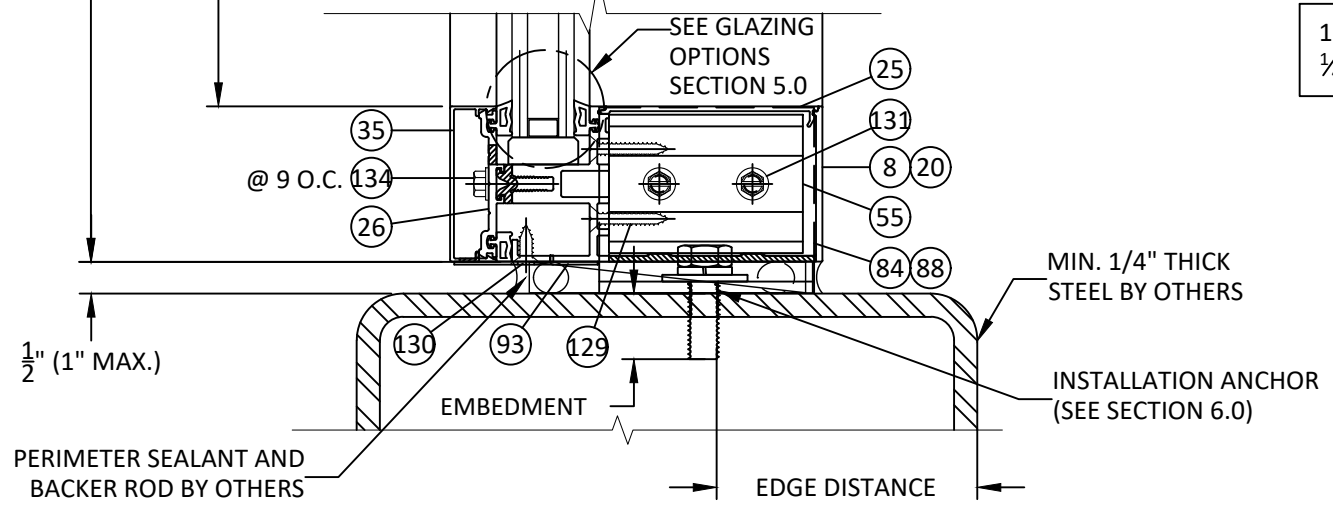
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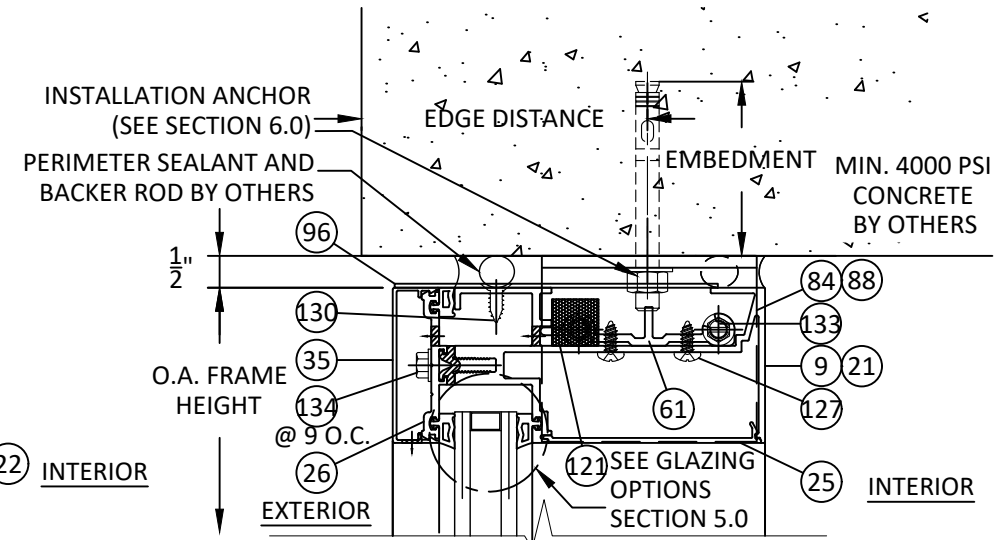
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3.0
VERTICAL SECTION
6" HEAD - CONCRETE/MASONRY
OPEN BACK PROFILE



2
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VERTICAL SECTION
6" HORIZONTAL MULLION
OPEN BACK PROFILE, LAST BAY

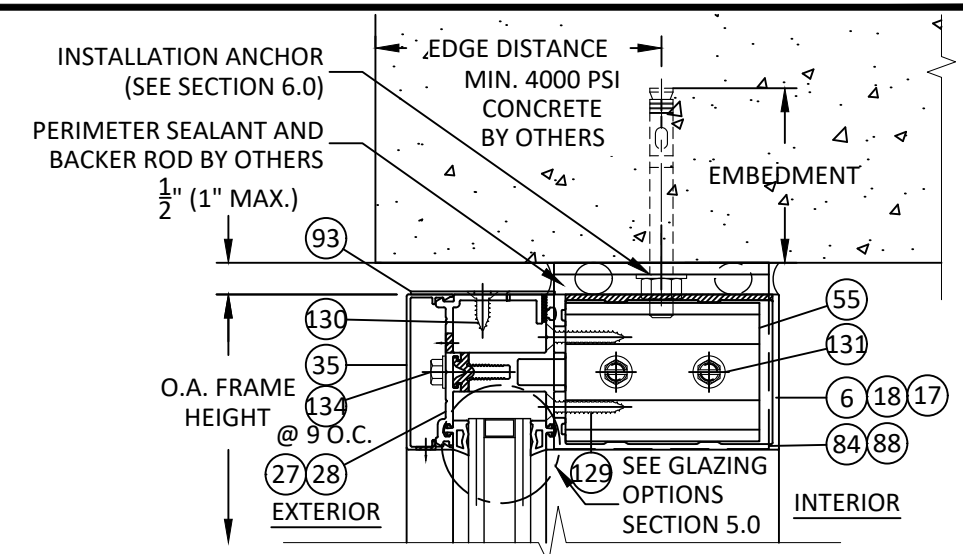


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VERTICAL SECTION
6" SILL - STEEL STUD
OPEN BACK PROFILE

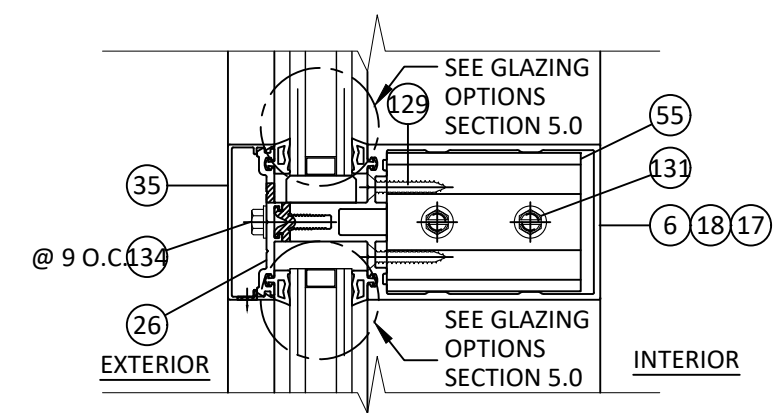


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VERTICAL SECTION
6" HEAD - CONCRETE/MASONRY
INCIDENTAL WATER HEAD DETAIL

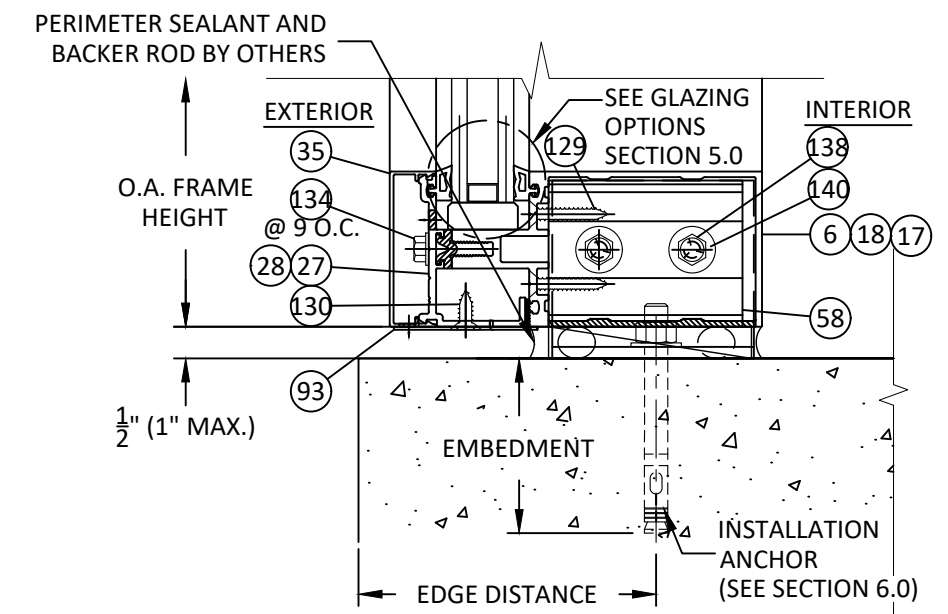
1" GLAZING DETAILS SHOWN.
1/4" GLAZING DETAILS SIMILAR.



6
3.0
VERTICAL SECTION
6" HEAD - CONCRETE/MASONRY
TUBULAR PROFILE



5
3.0
VERTICAL SECTION
6" HORIZONTAL MULLION
TUBULAR PROFILE



4
3.0
VERTICAL SECTION
6" SILL - CONCRETE/MASONRY
TUBULAR PROFILE, OPTIONAL "J" ANCHOR

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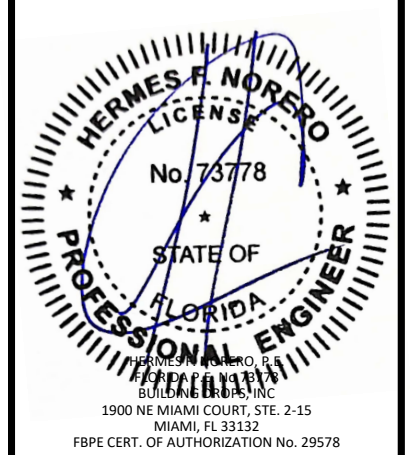
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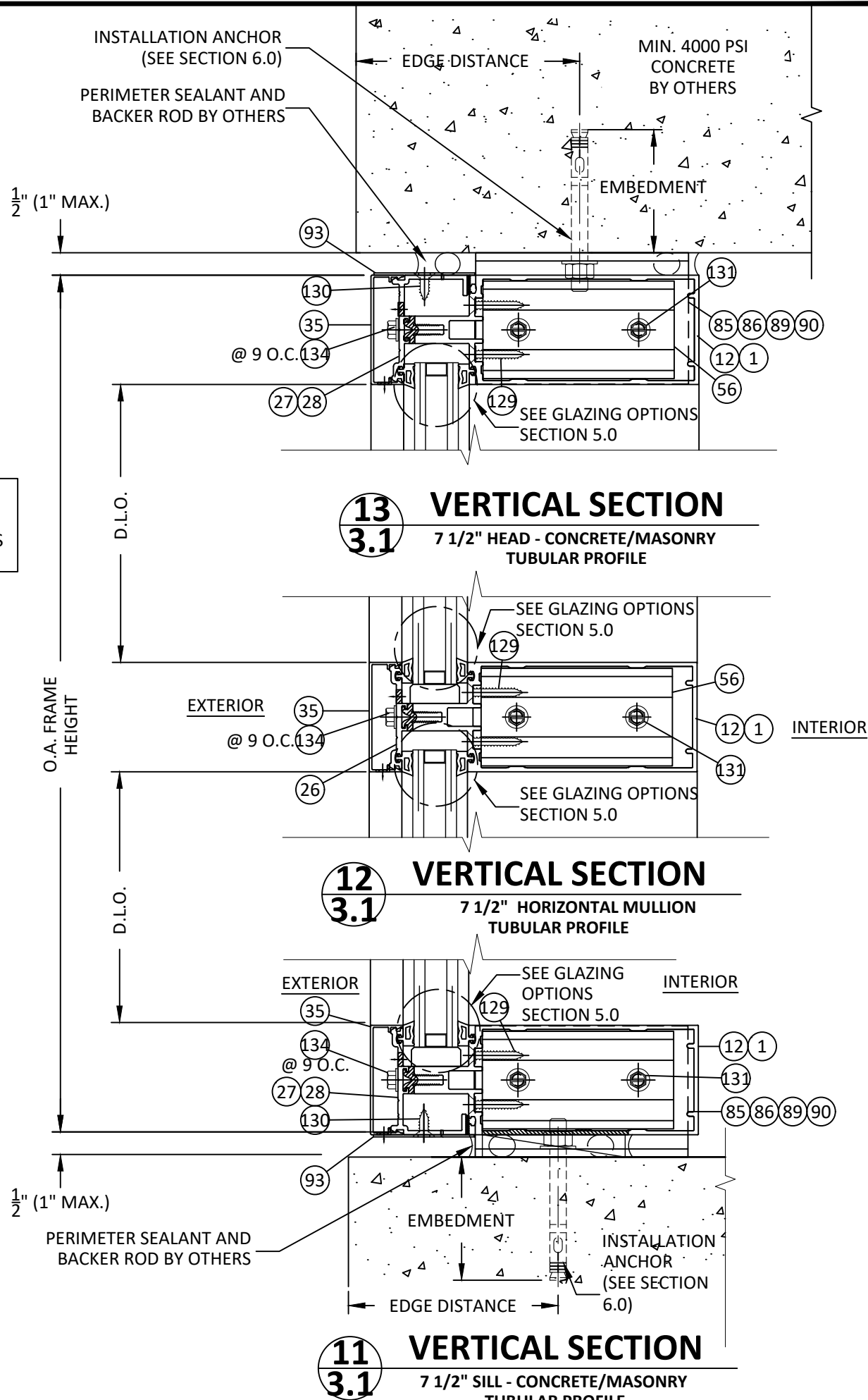
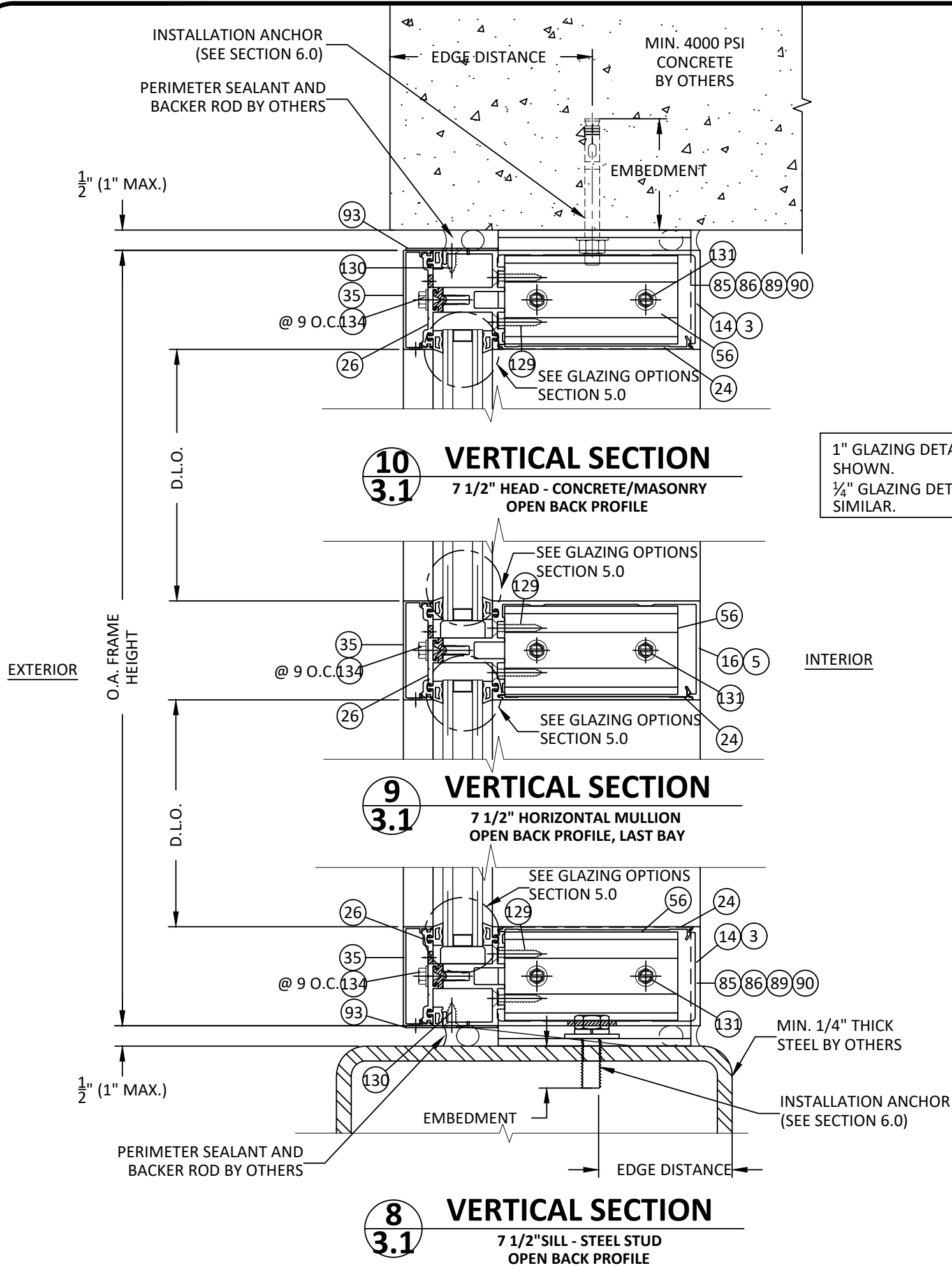
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DWG. #:	YKK272
SECTION:	3.0
REV.	B

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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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FL15921

DATE: 03.23.20

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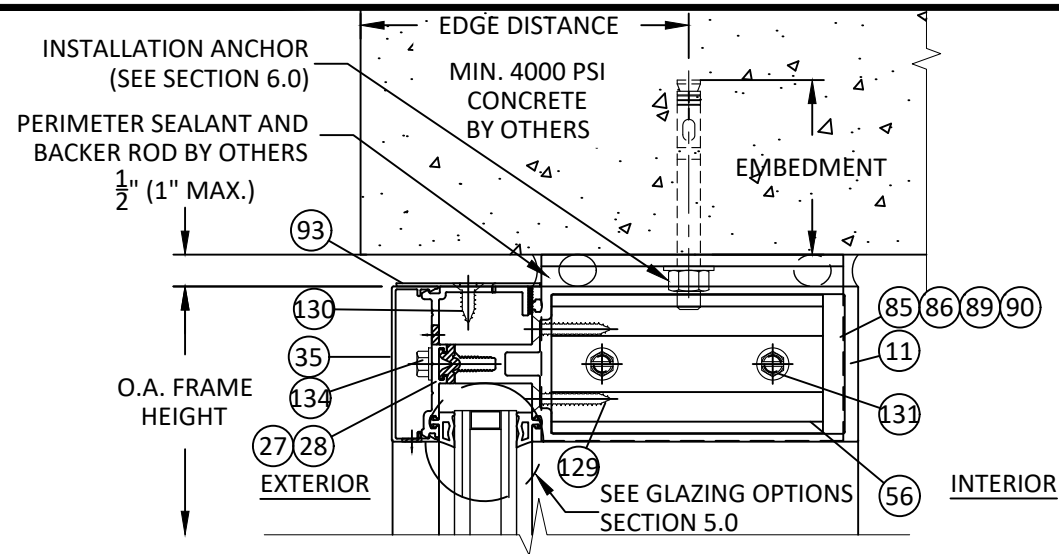
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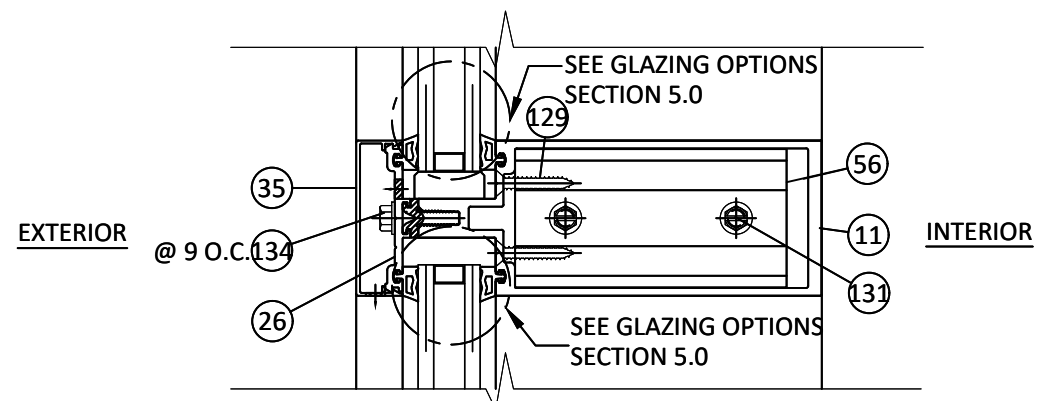
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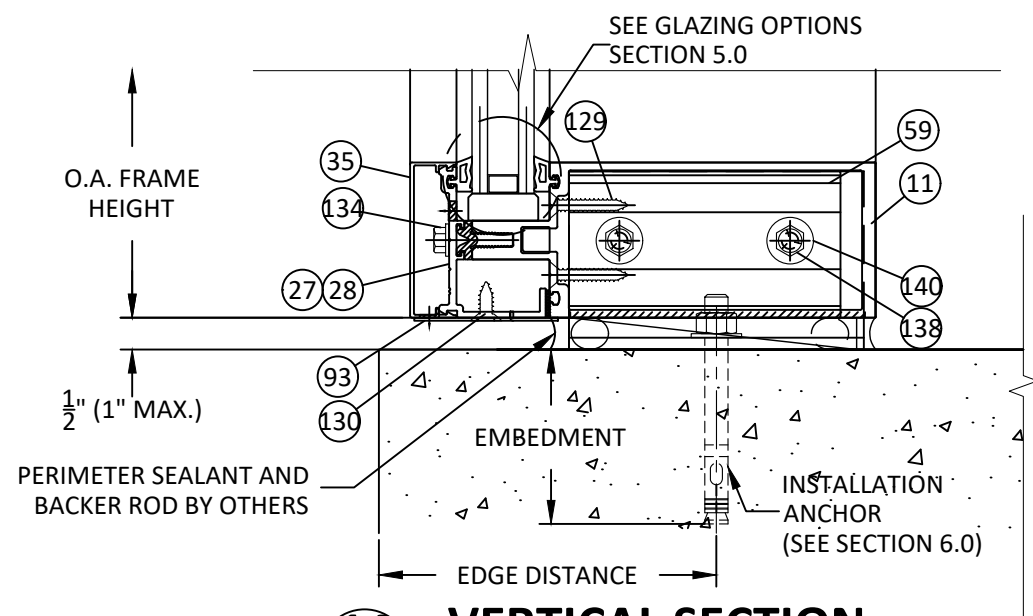


16
3.2 **VERTICAL SECTION**
7 1/2" HEAVY DUTY HEAD - CONCRETE/ MASONRY
HD TUBULAR PROFILE

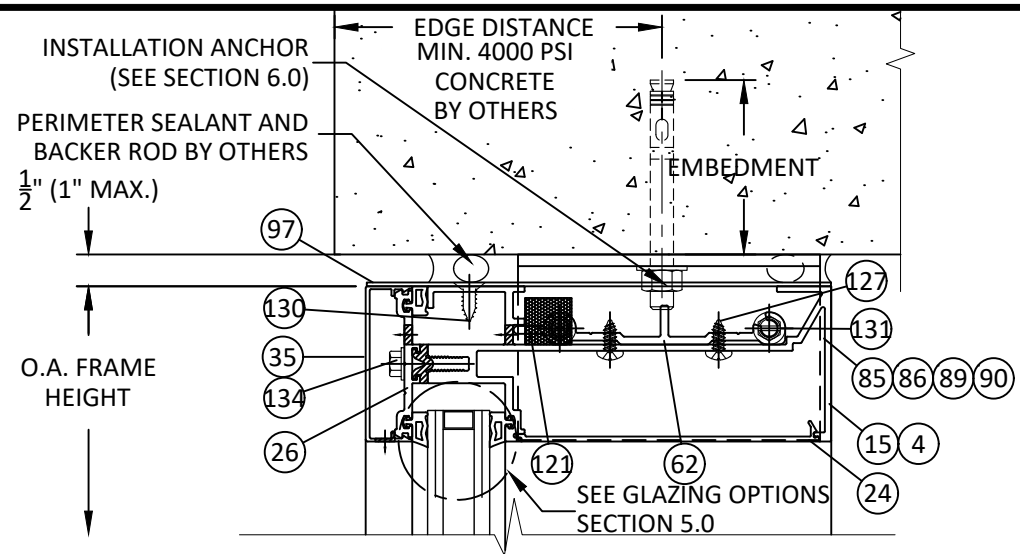
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SHOWN.
1/4" GLAZING DETAILS
SIMILAR.



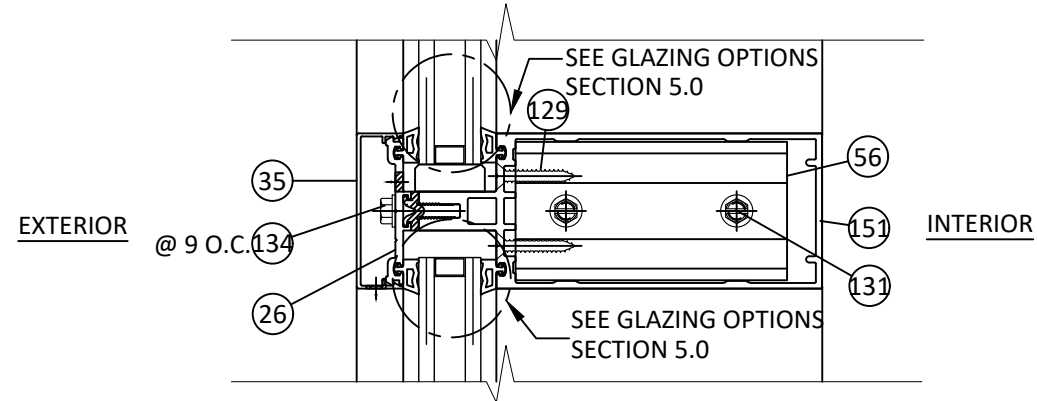
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3.2 **VERTICAL SECTION**
7 1/2" HEAVY DUTY HORIZONTAL MULLION
HD TUBULAR PROFILE



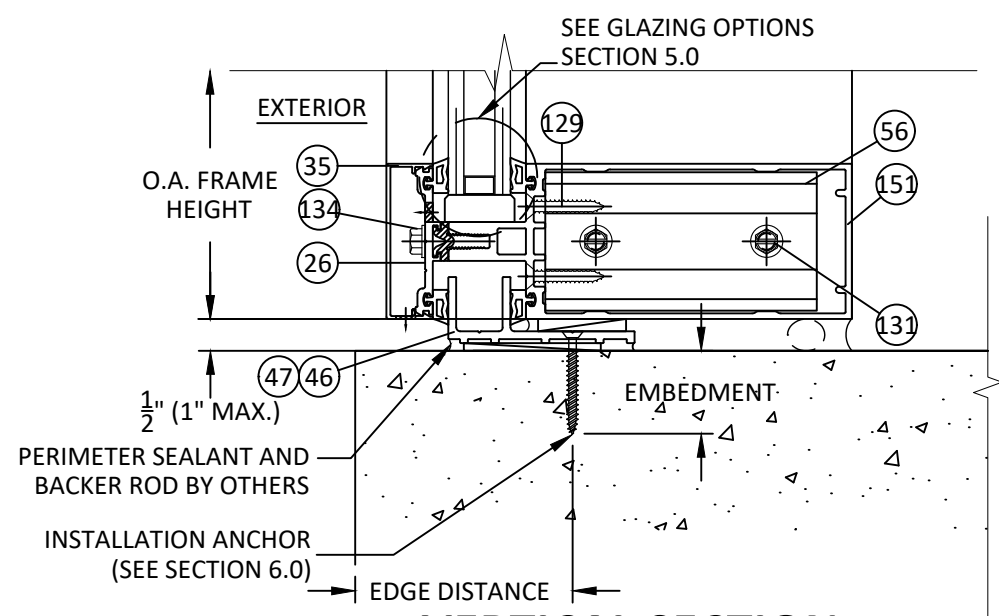
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3.2 **VERTICAL SECTION**
7 1/2" HEAVY DUTY SILL - CONCRETE/MASONRY
HD TUBULAR PROFILE
OPTIONAL "J" ANCHOR



19
3.2 **VERTICAL SECTION**
7 1/2" HEAD - CONCRETE/MASONRY
INCIDENTAL WATER HEAD DETAIL



18
3.2 **VERTICAL SECTION**
7 1/2" HORIZONTAL MULLION
DOUBLE HOLLOW PROFILE



17
3.2 **VERTICAL SECTION**
7 1/2" SILL - CONCRETE/MASONRY
DOUBLE HOLLOW PROFILE
ALTERNATE PERIMETER ANCHOR



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SCALE: **NTS**

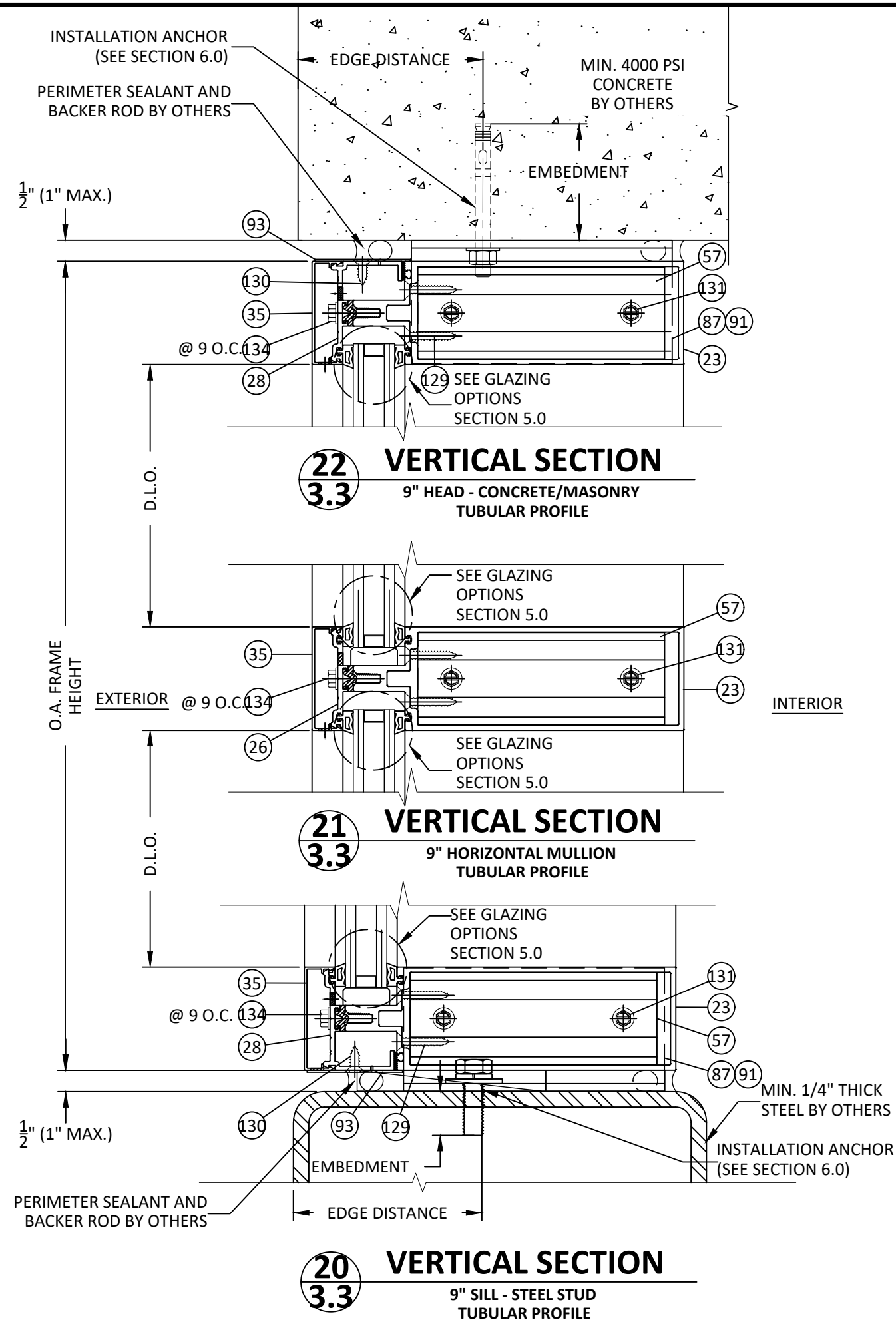
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SECTION: **3.2** REV. **B**

3.2

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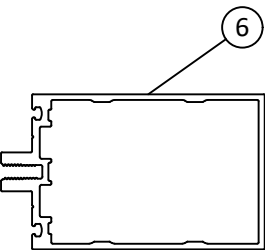
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3.3

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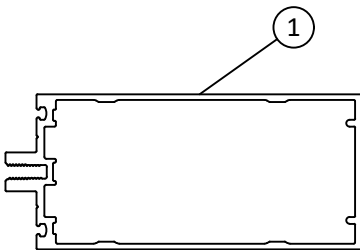
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HORIZONTAL MULLIONS



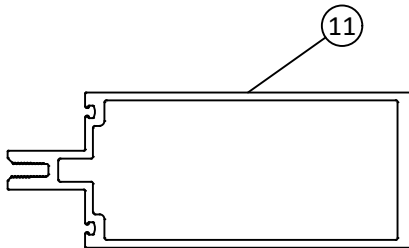
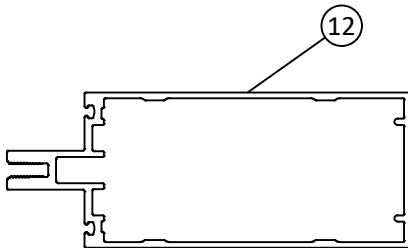
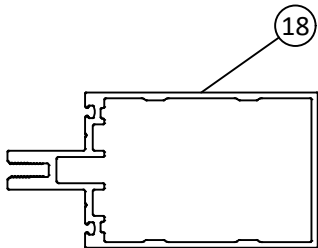
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HORIZONTAL MULLION
FOR 6" TUBULAR STANDARD



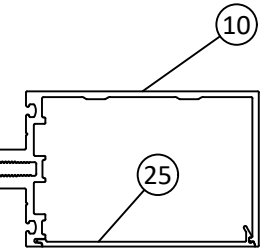
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HORIZONTAL MULLION
FOR 7-1/2" TUBULAR STANDARD



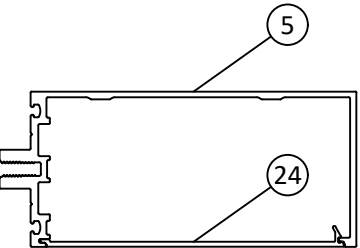
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HORIZONTAL MULLION
FOR 7-1/2" HEAVY DUTY
TUBULAR STANDARD



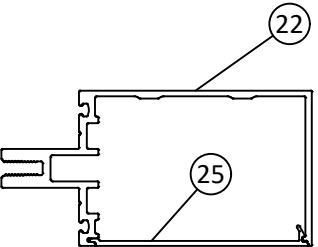
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HORIZONTAL MULLION
FOR 6" OPEN BACK
STANDARD (LAST BAY)



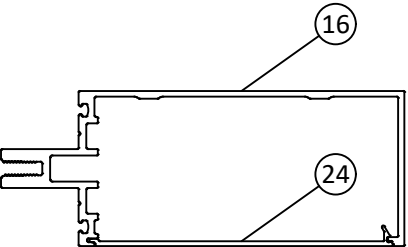
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HORIZONTAL MULLION
FOR 7-1/2" OPEN BACK
STANDARD (LAST BAY)



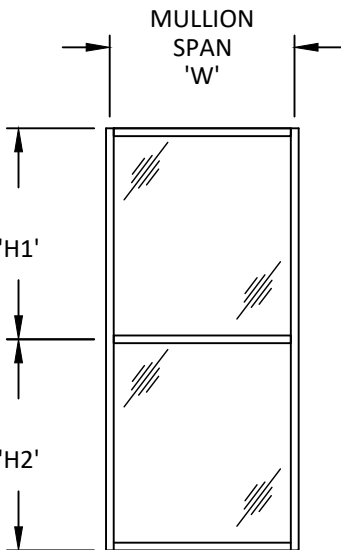
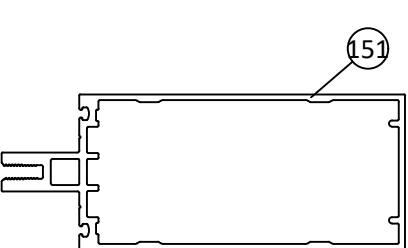
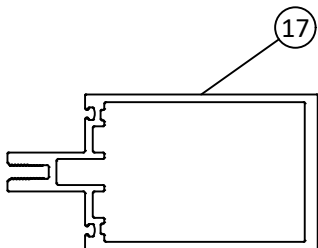
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HORIZONTAL MULLION
FOR 6" HEAVY DUTY
TUBULAR STANDARD



H8

HORIZONTAL MULLION
FOR 7-1/2" DOUBLE HOLLOW OPTION



MULLION SPACING OR
BAY HEIGHT, 'H'

$$H = \frac{H1+H2}{2}$$

- 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 100 PSF.
 4. FOR SITE CONDITIONS NOT SPECIFICALLY SHOWN IN THE DETAILS HEREIN FURTHER ENGINEERING MAY BE REQUIRED ON A CASE BY CASE BASIS.



YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

VERTICAL SECTION

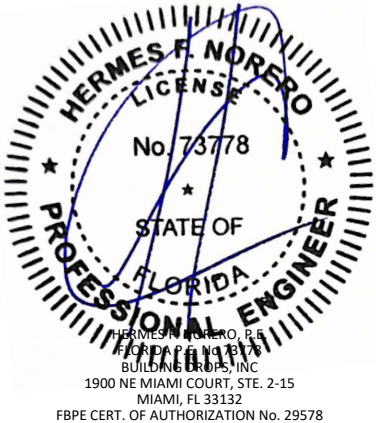
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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FL #:	FL15921
DATE:	03.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK272
SECTION:	3.4
REV.	B

HORIZONTAL MULLION DESIGN PRESSURE TABLE

DESIGN PRESSURE TABLE: HORIZONTAL MULLION CAPACITY						
SPAN WIDTH 'W' (INCH)	BAY HEIGHT 'H' (INCH)	MULLION H1 & H4 (PSF)	MULLION H2, H5 & H8 (PSF)	MULLION H3 (PSF)	MULLION H6 (PSF)	MULLION H7 (PSF)
30	30	100.0	100.0	100.0	100.0	100.0
	36	100.0	100.0	100.0	100.0	100.0
	42	100.0	100.0	100.0	100.0	100.0
	48	100.0	100.0	100.0	100.0	100.0
	54	100.0	100.0	100.0	100.0	100.0
	60	100.0	100.0	100.0	100.0	100.0
	66	100.0	100.0	100.0	100.0	100.0
	72	100.0	100.0	100.0	100.0	100.0
	78	100.0	100.0	100.0	100.0	100.0
	84	94.0	100.0	100.0	100.0	100.0
36	90	81.9	100.0	100.0	100.0	100.0
	30	100.0	100.0	100.0	100.0	100.0
	36	100.0	100.0	100.0	100.0	100.0
	42	100.0	100.0	100.0	100.0	100.0
	48	100.0	100.0	100.0	100.0	100.0
	54	100.0	100.0	100.0	100.0	100.0
	60	100.0	100.0	100.0	100.0	100.0
	66	100.0	100.0	100.0	100.0	100.0
	72	100.0	100.0	100.0	100.0	100.0
	78	90.9	100.0	100.0	100.0	100.0
42	84	78.4	100.0	100.0	100.0	100.0
	90	68.3	100.0	100.0	100.0	100.0
	30	100.0	100.0	100.0	100.0	100.0
	36	100.0	100.0	100.0	100.0	100.0
	42	100.0	100.0	100.0	100.0	100.0
	48	100.0	100.0	100.0	100.0	100.0
	54	100.0	100.0	100.0	100.0	100.0
	60	100.0	100.0	100.0	100.0	100.0
	66	100.0	100.0	100.0	100.0	100.0
	72	91.4	100.0	100.0	100.0	100.0
48	78	77.9	100.0	100.0	100.0	100.0
	84	67.2	100.0	100.0	100.0	100.0
	90	58.5	90.0	100.0	100.0	89.4
	30	100.0	100.0	100.0	100.0	100.0
	36	100.0	100.0	100.0	100.0	100.0
	42	100.0	100.0	100.0	100.0	100.0
	48	100.0	100.0	100.0	100.0	100.0
	54	100.0	100.0	100.0	100.0	100.0
	60	100.0	100.0	100.0	100.0	100.0
	66	95.2	100.0	100.0	100.0	100.0
	72	80.0	100.0	100.0	100.0	100.0
	78	68.2	100.0	100.0	100.0	100.0
	84	58.8	90.4	100.0	100.0	89.8
	90	51.2	78.8	100.0	100.0	78.2

DESIGN PRESSURE TABLE: HORIZONTAL MULLION CAPACITY						
SPAN WIDTH 'W' (INCH)	BAY HEIGHT 'H' (INCH)	MULLION H1 & H4 (PSF)	MULLION H2, H5 & H8 (PSF)	MULLION H3 (PSF)	MULLION H6 (PSF)	MULLION H7 (PSF)
54	30	100.0	100.0	100.0	100.0	100.0
	36	100.0	100.0	100.0	100.0	100.0
	42	100.0	100.0	100.0	100.0	100.0
	48	100.0	100.0	100.0	100.0	100.0
	54	100.0	100.0	100.0	100.0	100.0
	60	100.0	100.0	100.0	100.0	100.0
	66	84.6	100.0	100.0	100.0	100.0
	72	71.1	100.0	100.0	100.0	100.0
	78	60.6	93.2	100.0	100.0	92.6
	84	52.2	80.4	100.0	100.0	79.8
60	30	100.0	100.0	100.0	100.0	100.0
	36	100.0	100.0	100.0	100.0	100.0
	42	100.0	100.0	100.0	100.0	100.0
	48	100.0	100.0	100.0	100.0	100.0
	54	100.0	100.0	100.0	100.0	100.0
	60	92.1	100.0	100.0	100.0	100.0
	66	76.2	100.0	100.0	100.0	100.0
	72	64.0	98.4	100.0	100.0	97.8
	78	54.5	83.9	100.0	100.0	83.3
66	30	100.0	100.0	100.0	100.0	100.0
	36	100.0	100.0	100.0	100.0	100.0
	42	100.0	100.0	100.0	100.0	100.0
	48	100.0	100.0	100.0	100.0	100.0
	54	100.0	100.0	100.0	100.0	100.0
	60	83.8	100.0	100.0	100.0	100.0
	66	69.2	100.0	100.0	100.0	100.0
	72	58.2	89.5	100.0	100.0	88.9
72	30	100.0	100.0	100.0	100.0	100.0
	36	100.0	100.0	100.0	100.0	100.0
	42	100.0	100.0	100.0	100.0	100.0
	48	100.0	100.0	100.0	100.0	100.0
	54	94.8	100.0	100.0	100.0	100.0
	60	76.8	100.0	100.0	100.0	100.0
	66	63.5	97.6	100.0	100.0	97.0

YKK

ap

Quality
inspires™

YKK AP America Inc

101 MARIETTA STREET NW, SUITE 2100

ATLANTA, GA 30303

PH: (478)277-1955 FAX: (678)838-6001

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

VERTICAL SECTION

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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HERMES F. NORERO

LICENSE

No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL15921

DATE:

03.23.20

DWG. BY:

ER

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK272

SECTION:

3.5

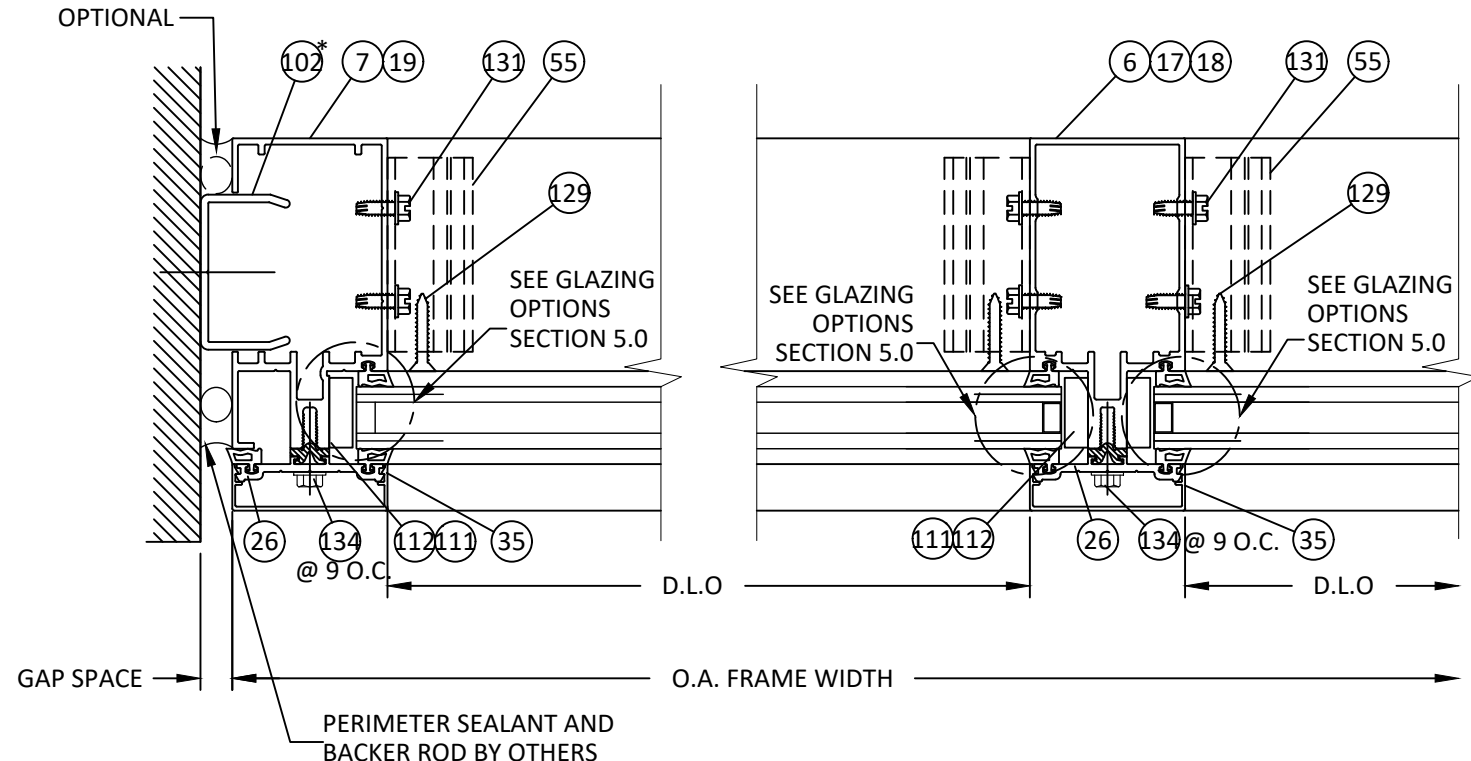
REV.

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[Page 8 of 39]

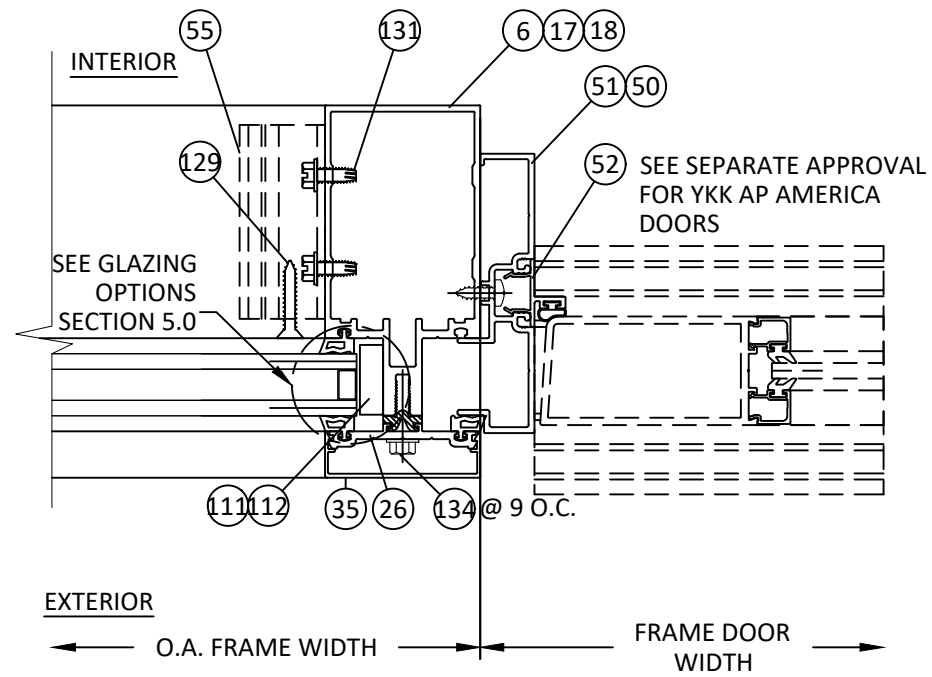
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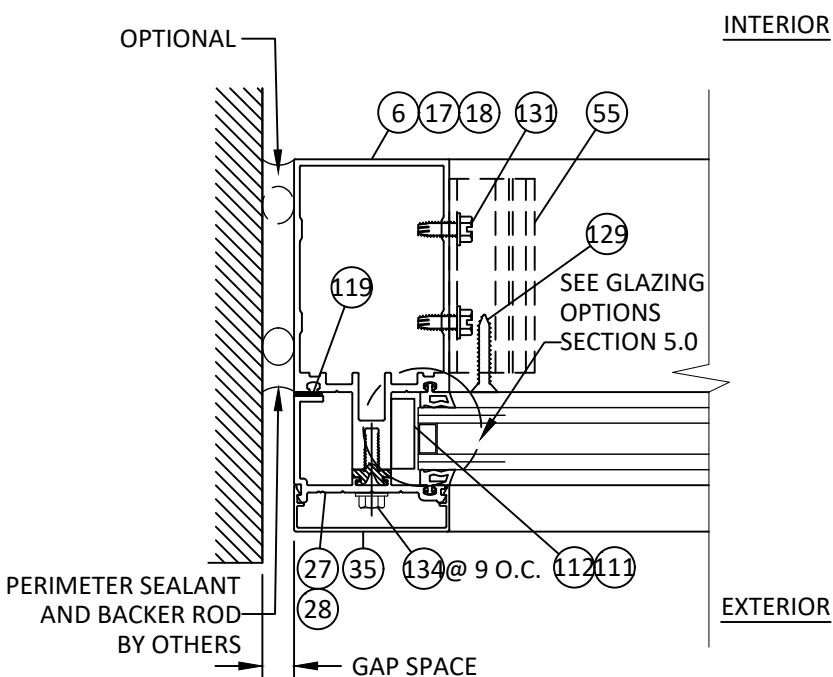


23
4.0 **HORIZONTAL SECTION**
6" JAMB MULLION
OPEN BACK PROFILE W/ OPTIONAL ANCHOR

24
4.0 **HORIZONTAL SECTION**
6" VERTICAL MULLION
TUBULAR PROFILE



25
4.0 **HORIZONTAL SECTION**
6" DOOR JAMB MULLION
TUBULAR PROFILE
DOOR UNDER SEPARATE APPROVAL



26
4.0 **HORIZONTAL SECTION**
6" JAMB MULLION
TUBULAR PROFILE

1" GLAZING DETAILS SHOWN.
1/4" GLAZING DETAILS SIMILAR.

NOTE:
*COMPONENTS ARE
OPTIONAL

MAX. DESIGN PRESSURE	MIN. GAP SPACE	MAX. GAP SPACE
+/- 100 PSF	1/2"	1"

YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

HORIZONTAL SECTION

PREPARED BY: BUILDING DROPS, INC.
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B. 2026 FBC CODE UPDATE	SH	07.29.26

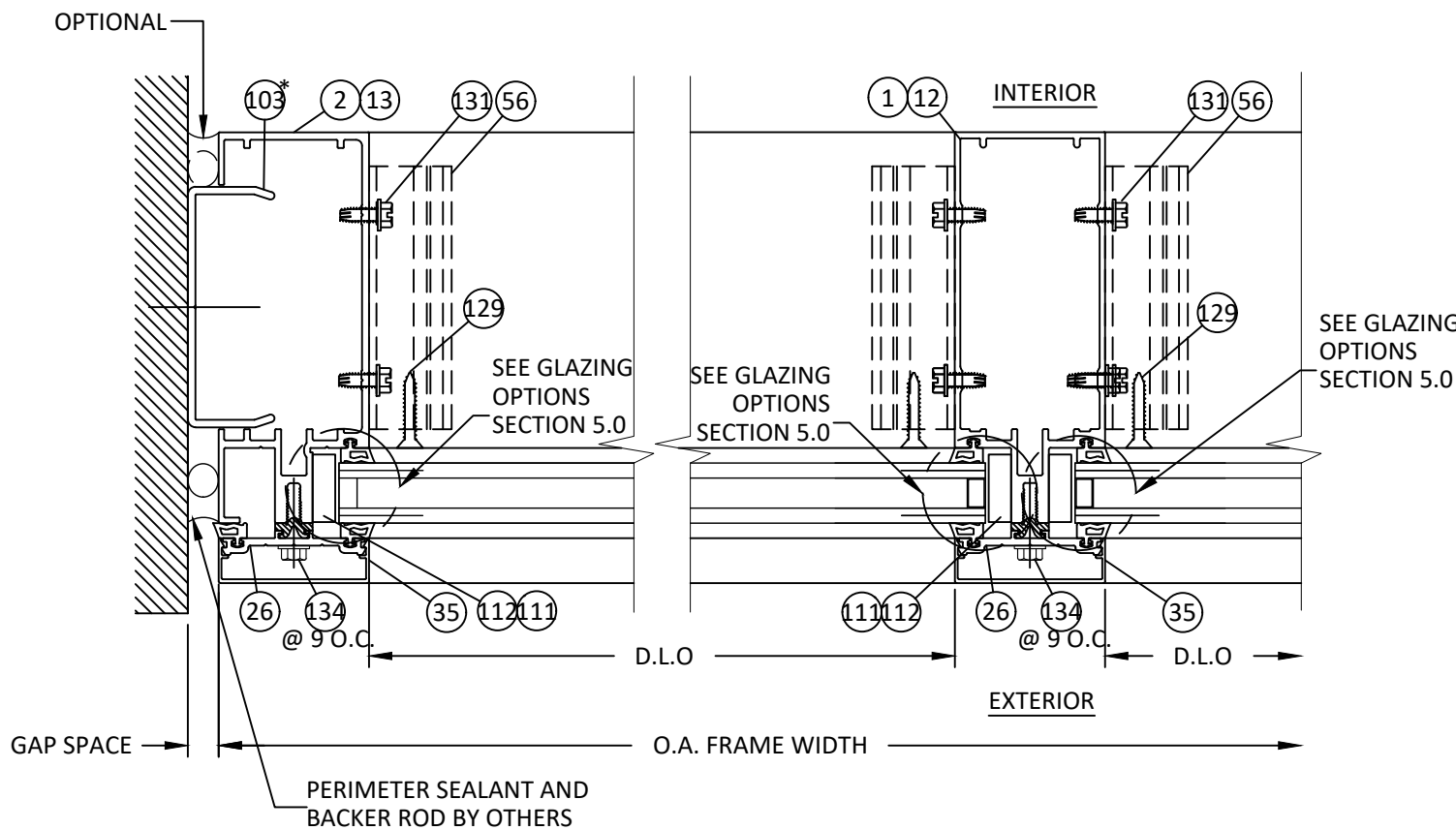
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HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL15921
DATE:	03.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK272
SECTION:	4.0
REV.	B

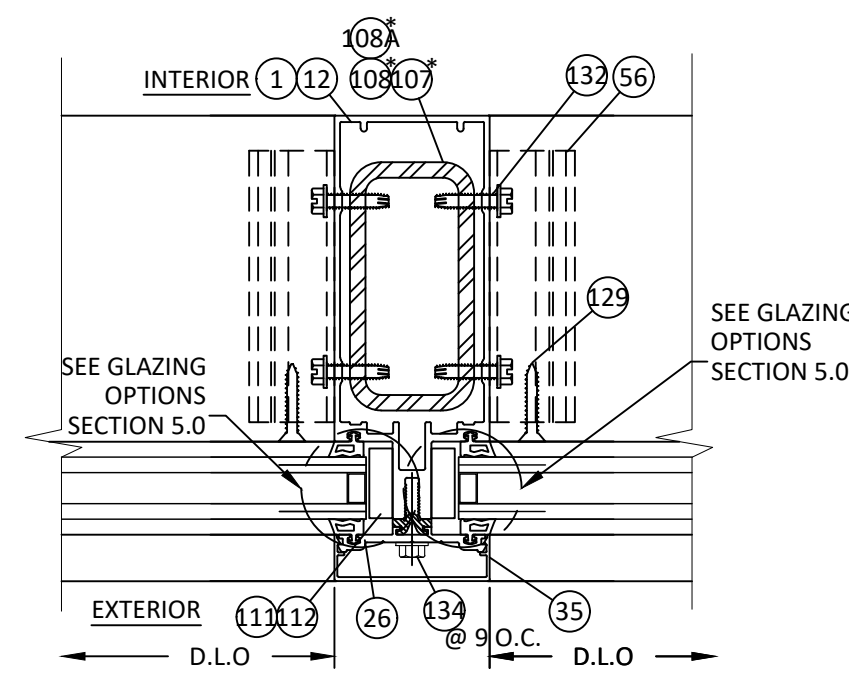
[Page 9 of 39]

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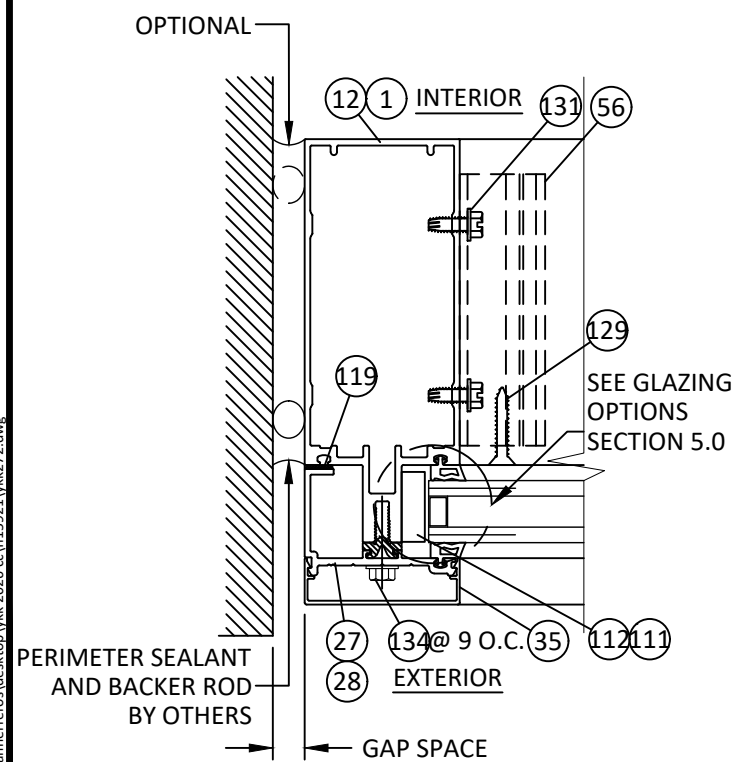


27
4.1 **HORIZONTAL SECTION**
7 1/2" JAMB MULLION
OPEN BACK PROFILE
WITH OPTIONAL ANCHOR

28
4.1 **HORIZONTAL SECTION**
7 1/2" VERTICAL MULLION
TUBULAR PROFILE



29
4.1 **HORIZONTAL SECTION**
7 1/2" VERTICAL MULLION
WITH STEEL REINFORCING
#107 (E1-0162) SHOWN
#108 & #108A SIMILAR

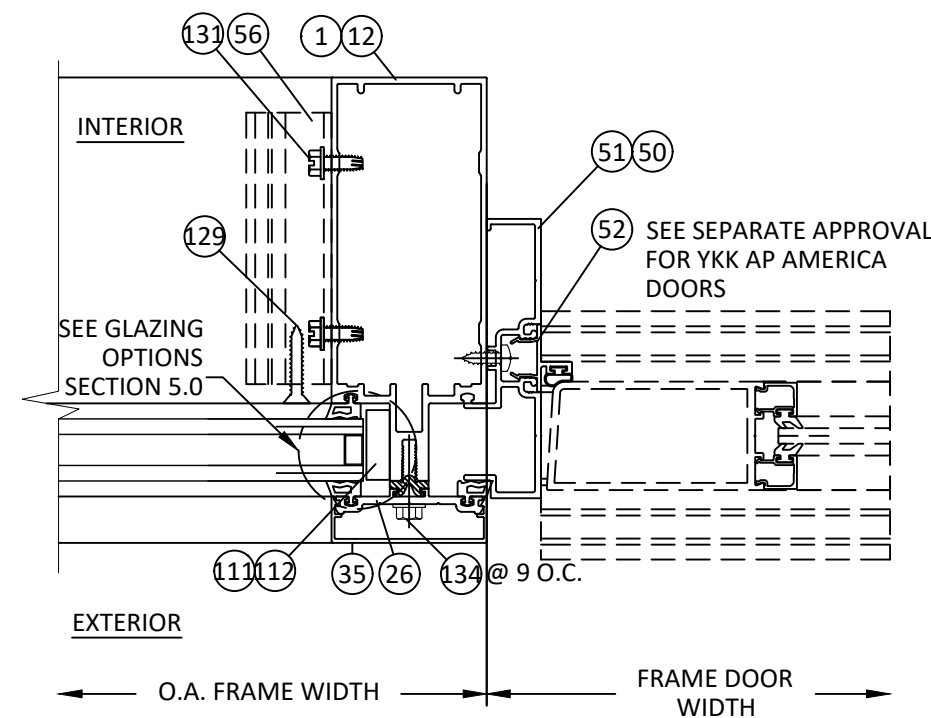


30
4.1 **HORIZONTAL SECTION**
7 1/2" JAMB MULLION
TUBULAR PROFILE

NOTE:
*COMPONENTS ARE
OPTIONAL

1" GLAZING DETAILS SHOWN.
3/4" GLAZING DETAILS SIMILAR.

MAX. DESIGN PRESSURE	MIN. GAP SPACE	MAX. GAP SPACE
+/- 100 PSF	1/2"	1"



31
4.1 **HORIZONTAL SECTION**
7 1/2" DOOR JAMB MULLION
STANDARD PROFILE
DOOR UNDER SEPARATE APPROVAL

YKK AP Quality inspires™

YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

HORIZONTAL SECTION

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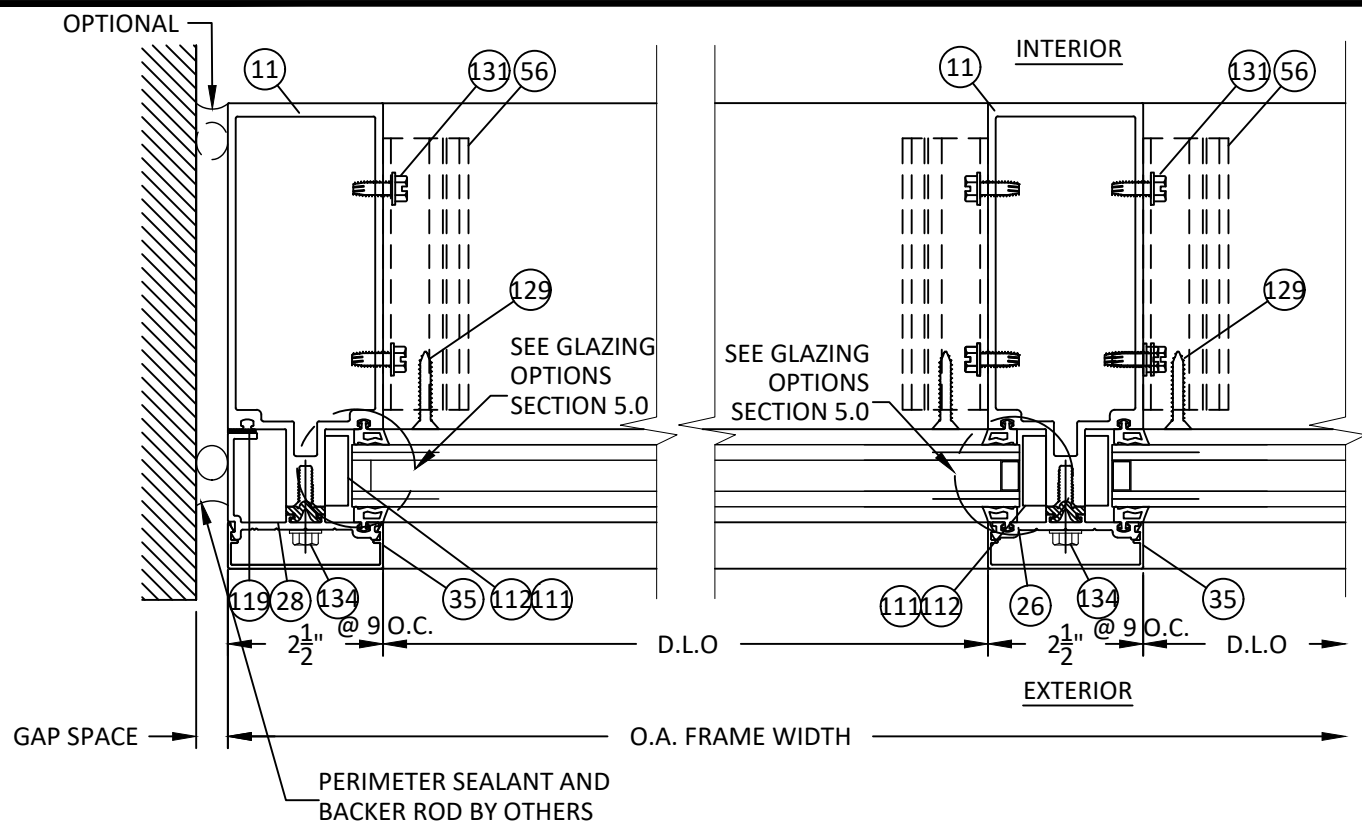
HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:		FL15921
DATE:		03.23.20
DWG. BY:	CHK. BY:	
ER	HFN	
SCALE:		NTS
DWG. #:		YKK272
SECTION:	REV.	
	B	

4.1
[Page 10 of 39]

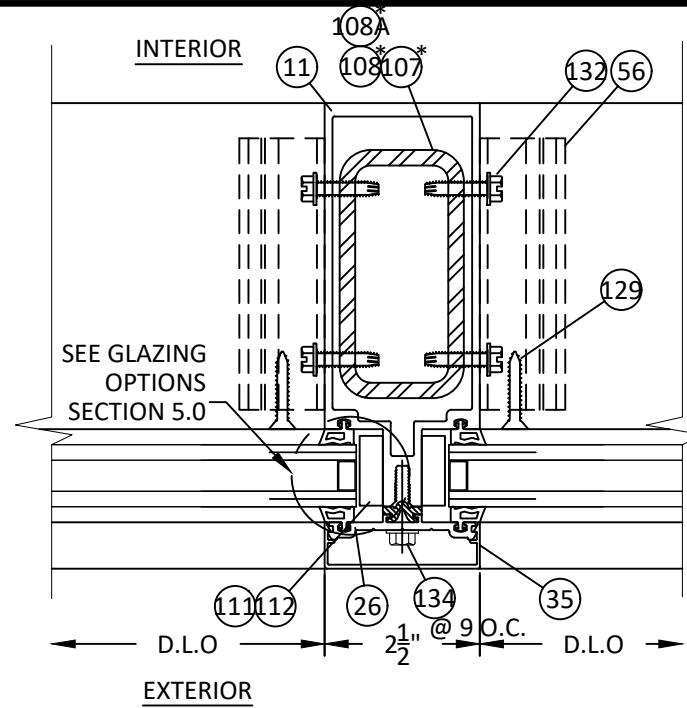
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NOTE:
*COMPONENTS ARE
OPTIONAL

1" GLAZING DETAILS SHOWN.
1/4" GLAZING DETAILS SIMILAR.

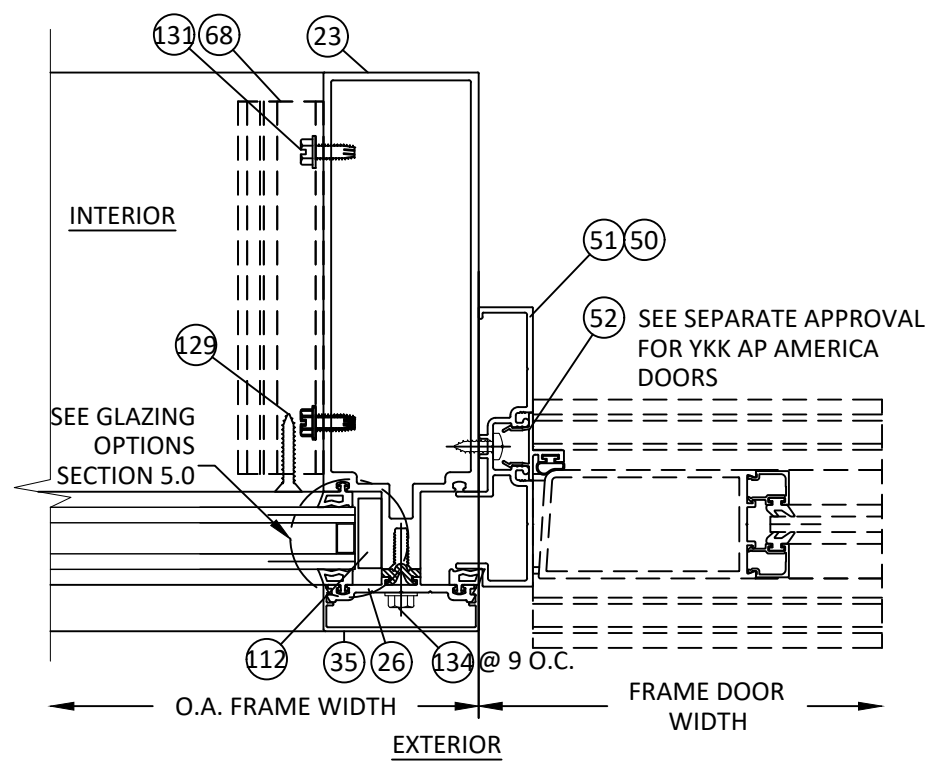
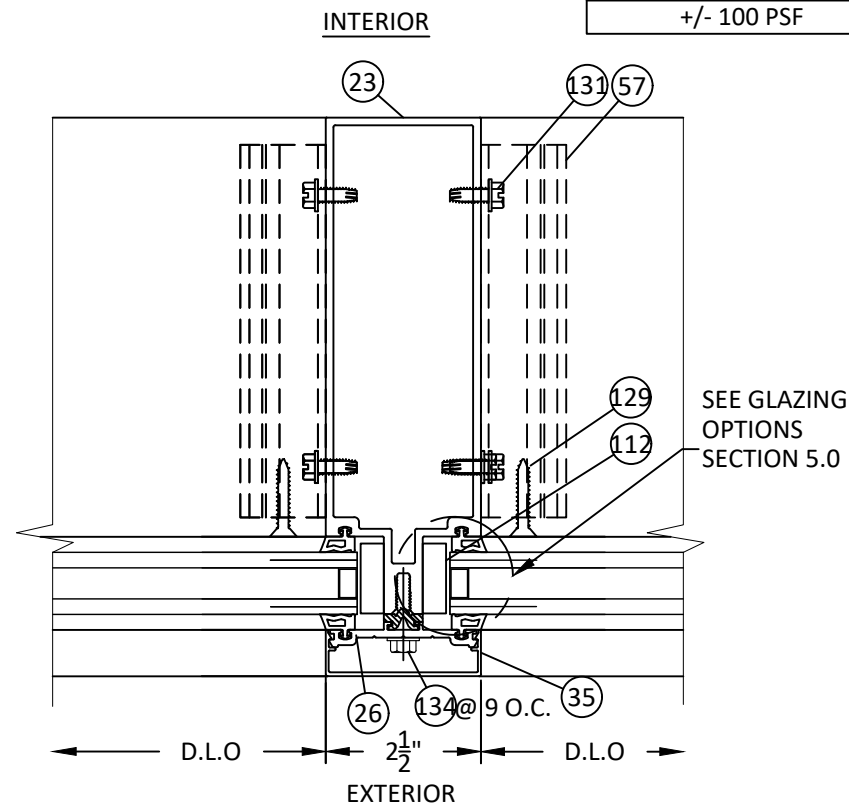
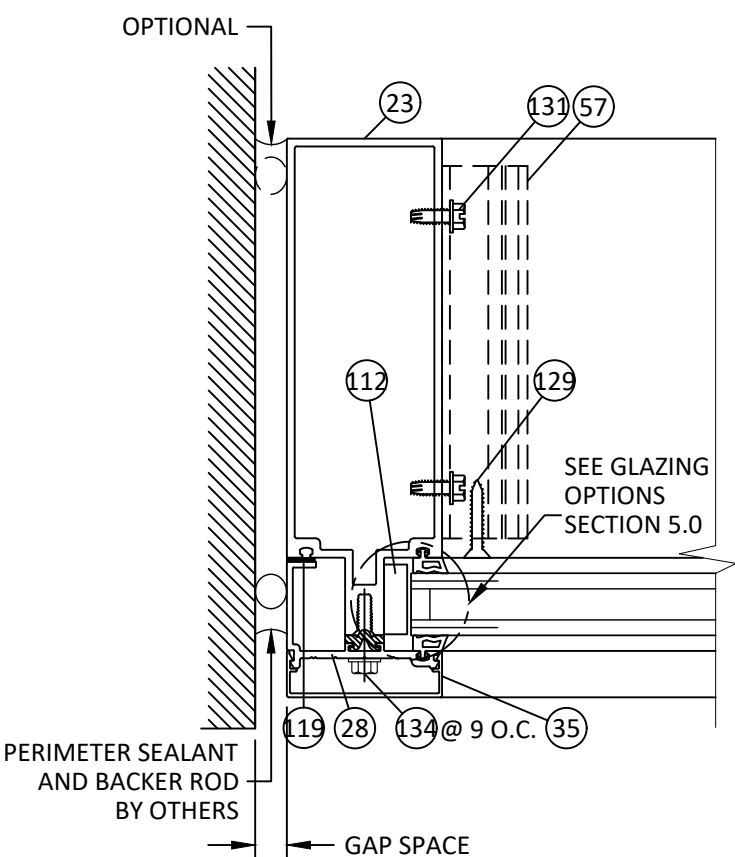


32 HORIZONTAL SECTION
4.2 7 1/2" HEAVY DUTY JAMB MULLION
HEAVY DUTY TUBULAR PROFILE

33 HORIZONTAL SECTION
4.2 7 1/2" HEAVY DUTY VERTICAL MULLION
HEAVY DUTY TUBULAR PROFILE

34 HORIZONTAL SECTION
4.2 7 1/2" HEAVY DUTY VERTICAL MULLION
WITH STEEL REINFORCING
#107 (E1-0162) SHOWN
#108 & #108A SIMILAR

MAX. DESIGN PRESSURE	MIN. GAP SPACE	MAX. GAP SPACE
+/- 100 PSF	1/2"	1"



35 HORIZONTAL SECTION
4.2 9" JAMB MULLION
TUBULAR PROFILE

36 HORIZONTAL SECTION
4.2 9" VERTICAL MULLION
TUBULAR PROFILE

37 HORIZONTAL SECTION
4.2 9" DOOR JAMB MULLION
STANDARD PROFILE

YKK AP Quality inspires™

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HORIZONTAL SECTION

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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL15921

DATE: **03.23.20**

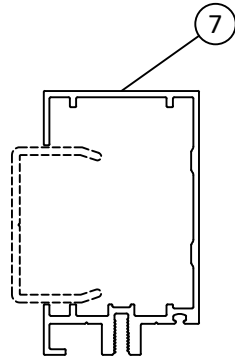
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SCALE: NTS	
DWG. #: YKK272	
SECTION:	REV. B

4.2

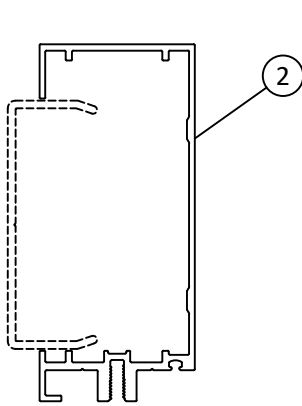
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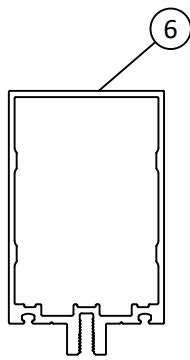
VERTICAL MULLIONS



J1 VERTICAL JAMB
FOR 6"
OPEN BACK STANDARD

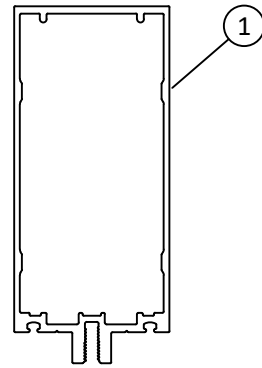


J2 VERTICAL JAMB
FOR 7-1/2"
OPEN BACK STANDARD

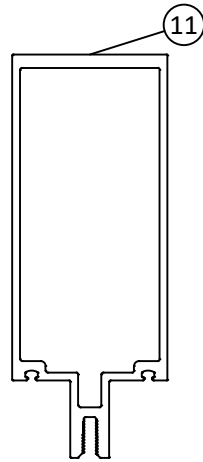


M1 VERTICAL MULLION/JAMB
FOR 6"
TUBULAR STANDARD

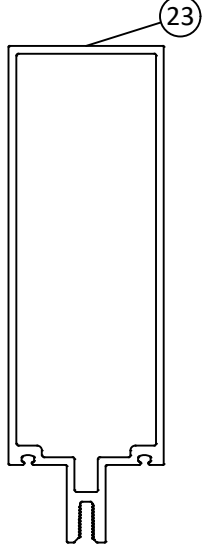
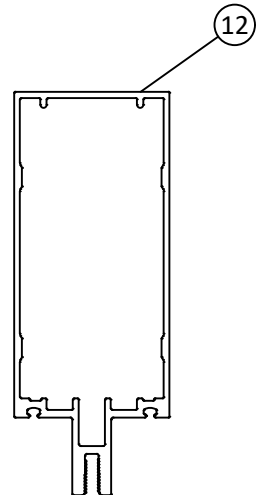
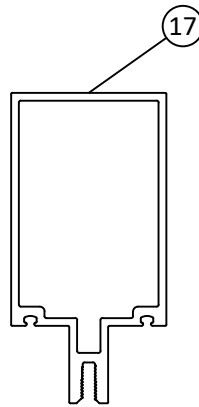
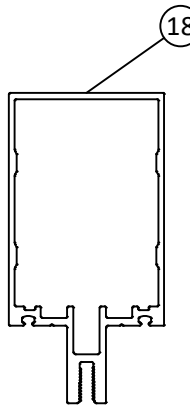
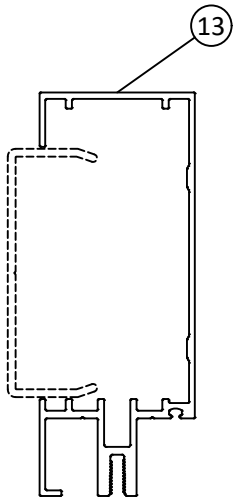
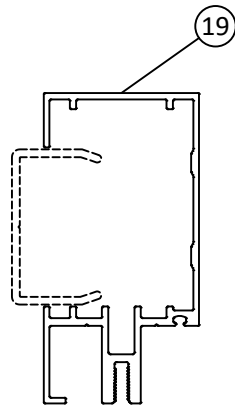
1" GLAZING DETAILS
SHOWN.
1/4" GLAZING DETAILS
SIMILAR.



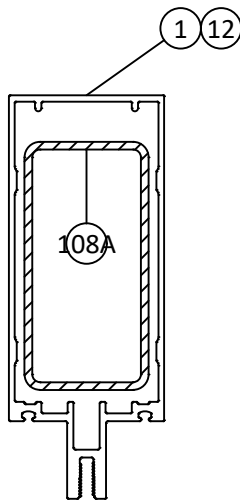
M3 VERTICAL MULLION/JAMB
FOR 7-1/2"
TUBULAR STANDARD



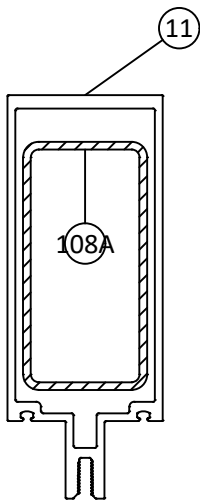
M4 VERTICAL MULLION/ JAMB
FOR 7-1/2" HEAVY DUTY
TUBULAR OPTION



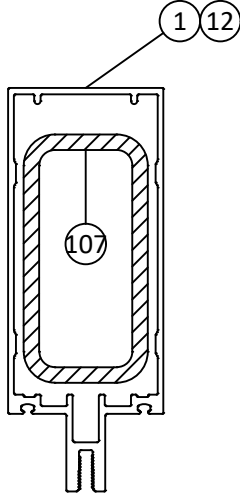
M5 VERTICAL MULLION/JAMB
FOR 9" TUBULAR STANDARD



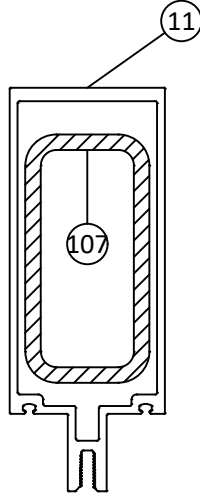
M6 VERTICAL MULLION
FOR 7-1/2" STANDARD
WITH STEEL REINFORCING



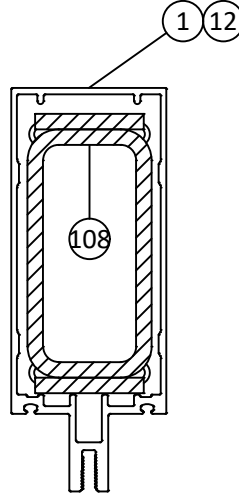
M7 VERTICAL MULLION
FOR 7-1/2" HEAVY DUTY
WITH STEEL REINFORCING



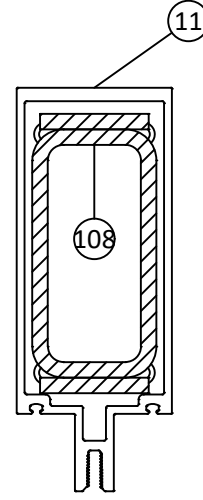
M8 VERTICAL MULLION
FOR 7-1/2" STANDARD
WITH STEEL REINFORCING



M9 VERTICAL MULLION
FOR 7-1/2" HEAVY DUTY
WITH STEEL REINFORCING



M10 VERTICAL MULLION
FOR 7-1/2" STANDARD
WITH STEEL REINFORCING



M11 VERTICAL MULLION
FOR 7-1/2" HEAVY DUTY
WITH STEEL REINFORCING



YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

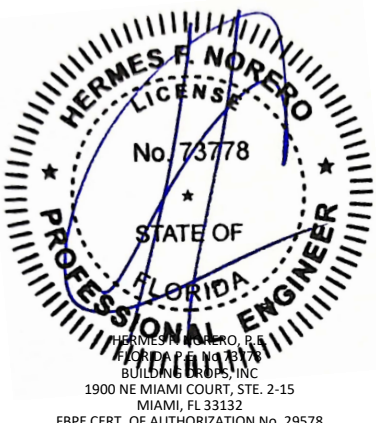
HORIZONTAL SECTION

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



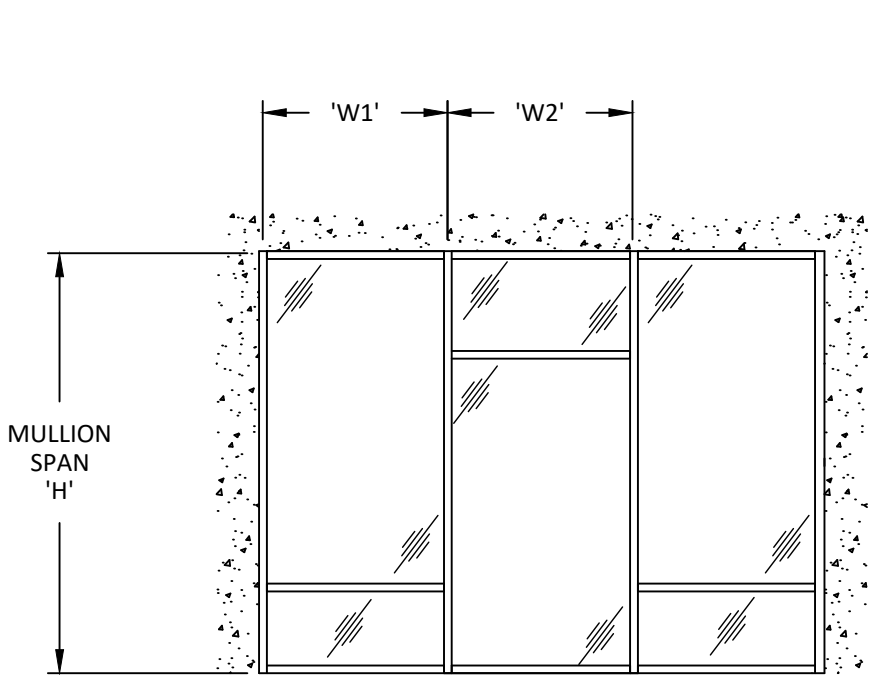
REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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.

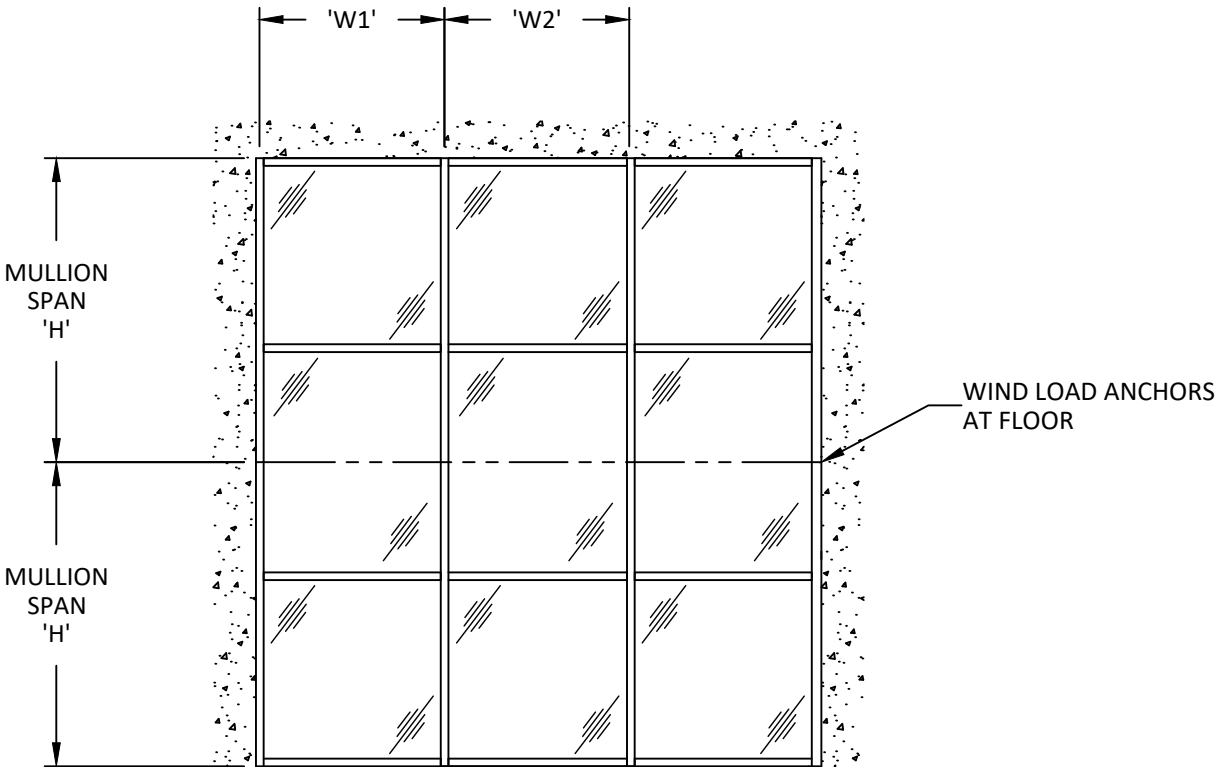


FL #:	FL15921
DATE:	03.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK272
SECTION:	4.3
REV.	B

VERTICAL MULLION DESIGN PRESSURE



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 100 PSF.
 - 4. FOR SITE CONDITIONS NOT SPECIFICALLY SHOWN IN THE DETAILS HEREIN FURTHER ENGINEERING MAY BE REQUIRED ON A CASE BY CASE BASIS.



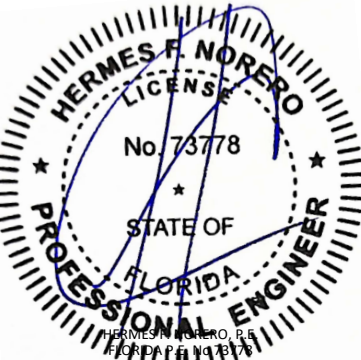
Quality
inspires™

YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

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BUILDING DROPS, INC.
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No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL15921

DATE: **03.23.20**

DWG. BY:
ER

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **YKK272**

SECTION:
4.4

REV.
B

[Page 13 of 39]

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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 J1 (PSF)	JAMB J2 (PSF)	J1 & J2 w/ ANCHOR (PSF)	JAMB J3 (PSF)	JAMB J4 (PSF)	JAMB J5 (PSF)	JAMB J6 (PSF)	JAMB J7 (PSF)	MULLION M1 (PSF)	MULLION M2 (PSF)	MULLION M3 (PSF)	MULLION M4 (PSF)	MULLION M5 (PSF)	MULLION M6 (PSF)	MULLION M7 (PSF)	MULLION M8 (PSF)	MULLION M9 (PSF)	MULLION M10 (PSF)	MULLION M11 (PSF)
36	102	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	53.1	63.8	85.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		93.2	100.0	100.0	91.1	100.0	100.0	100.0	100.0	45.5	54.7	73.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		81.5	100.0	100.0	79.7	100.0	100.0	100.0	100.0	39.9	47.8	64.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		72.5	100.0	100.0	70.9	100.0	100.0	100.0	100.0	35.4	42.5	57.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		65.2	94.9	100.0	63.8	97.5	100.0	100.0	100.0	31.9	38.3	51.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		59.3	86.3	100.0	58.0	88.6	93.4	100.0	100.0	29.0	34.8	46.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72		54.3	79.1	100.0	53.1	81.2	85.6	100.0	100.0	26.6	31.9	42.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36	108	97.0	100.0	100.0	94.8	100.0	100.0	100.0	100.0	47.4	56.9	76.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		83.1	100.0	100.0	81.3	100.0	100.0	100.0	100.0	40.6	48.7	65.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		72.7	100.0	100.0	71.1	100.0	100.0	100.0	100.0	35.5	42.7	57.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		64.6	94.1	100.0	63.2	96.6	100.0	100.0	100.0	31.6	37.9	50.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		58.2	84.7	100.0	56.9	86.9	91.7	100.0	100.0	28.4	34.1	45.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		52.9	77.0	100.0	51.7	79.0	83.3	100.0	100.0	25.9	31.0	41.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72		48.5	70.5	100.0	47.4	72.5	76.4	100.0	100.0	23.7	28.4	38.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36	114	87.0	100.0	100.0	85.1	100.0	100.0	100.0	100.0	42.5	51.0	68.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		74.6	100.0	100.0	72.9	100.0	100.0	100.0	100.0	36.5	43.8	58.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		65.3	95.0	100.0	63.8	97.5	100.0	100.0	100.0	31.9	38.3	51.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		58.0	84.4	100.0	56.7	86.7	91.4	100.0	100.0	28.4	34.0	45.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		52.2	76.0	100.0	51.0	78.0	82.3	100.0	100.0	25.5	30.6	41.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		47.5	69.1	100.0	46.4	70.9	74.8	100.0	100.0	23.2	27.8	37.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72		43.5	63.3	100.0	42.5	65.0	68.6	100.0	100.0	21.3	25.5	34.3	100.0	100.0	93.2	100.0	100.0	100.0	100.0	100.0
36	120	78.5	100.0	100.0	76.8	100.0	100.0	100.0	100.0	38.4	46.1	61.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		67.3	98.0	100.0	65.8	100.0	100.0	100.0	100.0	32.9	39.5	53.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		58.9	85.7	100.0	57.6	88.0	92.8	100.0	100.0	28.8	34.6	46.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		52.4	76.2	100.0	51.2	78.2	82.5	100.0	100.0	25.6	30.7	41.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		47.1	68.6	100.0	46.1	70.4	74.2	100.0	100.0	23.0	27.6	37.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		42.8	62.3	100.0	41.9	64.0	67.5	100.0	100.0	20.9	25.1	33.7	100.0	100.0	91.8	100.0	100.0	100.0	100.0	100.0
72		39.3	57.1	100.0	38.4	58.7	61.9	100.0	100.0	19.2	23.0	30.9	100.0	100.0	84.1	97.4	100.0	100.0	100.0	100.0
36	126	71.2	100.0	100.0	69.6	100.0	100.0	100.0	100.0	34.8	41.8	56.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		61.1	88.8	100.0	59.7	91.2	96.2	100.0	100.0	29.8	35.8	48.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		53.4	77.7	100.0	52.2	79.8	84.2	100.0	100.0	26.1	31.3	42.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		47.5	69.1	100.0	46.4	71.0	74.8	100.0	100.0	23.2	27.9	37.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		42.7	62.2	100.0	41.8	63.9	67.3	100.0	100.0	20.9	25.1	33.7	100.0	100.0	91.6	100.0	100.0	100.0	100.0	100.0
66		38.9	56.5	100.0	38.0	58.1	61.2	100.0	100.0	19.0	22.8	30.6	100.0	100.0	83.2	96.4	100.0	100.0	100.0	100.0
72		35.6	51.8	100.0	34.8	53.2	56.1	100.0	100.0	17.4	20.9	28.1	100.0	100.0	76.3	88.4	99.0	100.0	100.0	100.0
36	132	64.9	94.4	100.0	63.5	96.0	100.0	100.0	100.0	31.7	38.1	51.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		55.6	81.0	100.0	54.4	82.3	87.7	100.0	100.0	27.2	32.6	43.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		48.7	70.8	100.0	47.6	72.0	76.7	100.0	100.0	23.8	28.6	38.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		43.3	63.0	100.0	42.3	64.0	68.2	100.0	100.0	21.2	25.4	34.1	100.0	100.0	92.7	100.0	100.0	100.0	100.0	100.0
60		38.9	56.7	100.0	38.1	57.6	61.4	100.0	100.0	19.0	22.8	30.7	100.0	100.0	83.4	96.6	100.0	100.0	100.0	100.0
66		35.4	51.5	100.0	34.6	52.4	55.8	100.0	100.0	17.3	20.8	27.9	100.0	100.0	75.9	87.9	98.4	100.0	100.0	100.0
72		32.5	47.2	100.0	31.7	48.0	51.1	100.0	100.0	15.9	19.0	25.6	100.0	100.0	69.5	80.5	90.2	100.0	100.0	100.0

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ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

HORIZONTAL SECTION

PREPARED BY:
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BUILDING DROPS

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BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL15921

DATE:
03.23.20

DWG. BY:
ER

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK272

SECTION:
4.5

REV.
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[Page 14 of 39]

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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 J1 (PSF)	JAMB J2 (PSF)	J1 & J2 w/ ANCHOR (PSF)	JAMB J3 (PSF)	JAMB J4 (PSF)	JAMB J5 (PSF)	JAMB J6 (PSF)	JAMB J7 (PSF)	MULLION M1 (PSF)	MULLION M2 (PSF)	MULLION M3 (PSF)	MULLION M4 (PSF)	MULLION M5 (PSF)	MULLION M6 (PSF)	MULLION M7 (PSF)	MULLION M8 (PSF)	MULLION M9 (PSF)	MULLION M10 (PSF)	MULLION M11 (PSF)
36	138	59.4	86.4	100.0	58.1	84.0	93.6	100.0	100.0	29.0	34.8	46.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		50.9	74.1	100.0	49.8	72.0	80.2	100.0	100.0	24.9	29.9	40.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		44.5	64.8	100.0	43.5	63.0	70.2	100.0	100.0	21.8	26.1	35.1	100.0	100.0	91.7	100.0	100.0	100.0	100.0	100.0
54		39.6	57.6	100.0	38.7	56.0	62.4	100.0	100.0	19.4	23.2	31.2	100.0	100.0	81.5	94.4	100.0	100.0	100.0	100.0
60		35.6	51.8	100.0	34.8	50.4	56.1	100.0	100.0	17.4	20.9	28.1	100.0	100.0	73.3	84.9	95.1	100.0	100.0	100.0
66		32.4	47.1	100.0	31.7	45.8	51.0	100.0	100.0	15.8	19.0	25.5	100.0	100.0	66.7	77.2	86.5	97.0	100.0	100.0
72		29.7	43.2	100.0	29.0	42.0	46.8	100.0	100.0	14.5	17.4	23.4	100.0	100.0	61.1	70.8	79.3	88.9	100.0	100.0
36	144	54.5	79.4	100.0	53.3	74.0	85.9	100.0	100.0	26.7	31.8	43.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		46.7	68.0	100.0	45.7	63.4	73.7	100.0	100.0	22.9	27.2	36.8	100.0	100.0	92.2	100.0	100.0	100.0	100.0	100.0
48		40.9	59.5	100.0	40.0	55.5	64.5	100.0	100.0	20.0	23.8	32.2	100.0	100.0	80.7	93.5	100.0	100.0	100.0	100.0
54		36.4	52.9	100.0	35.5	49.3	57.3	100.0	100.0	17.8	21.2	28.6	100.0	100.0	71.7	83.1	93.0	100.0	100.0	100.0
60		32.7	47.6	100.0	32.0	44.4	51.6	100.0	100.0	16.0	19.1	25.8	100.0	100.0	64.5	74.8	83.7	93.9	100.0	100.0
66		29.7	43.3	100.0	29.1	40.3	46.9	100.0	100.0	14.5	17.3	23.4	100.0	100.0	58.7	68.0	76.1	85.4	100.0	100.0
72		27.3	39.7	100.0	26.7	37.0	43.0	100.0	100.0	13.3	15.9	21.5	100.0	100.0	53.8	62.3	69.8	78.3	100.0	100.0
36	150	50.3	73.1	100.0	49.1	65.4	79.2	100.0	100.0	24.6	28.1	39.6	100.0	100.0	95.2	100.0	100.0	100.0	100.0	100.0
42		43.1	62.7	100.0	42.1	56.1	67.9	100.0	100.0	21.1	24.1	33.9	100.0	100.0	81.6	94.5	100.0	100.0	100.0	100.0
48		37.7	54.9	100.0	36.9	49.1	59.4	100.0	100.0	18.4	21.1	29.7	100.0	100.0	71.4	82.7	92.6	100.0	100.0	100.0
54		33.5	48.8	100.0	32.8	43.6	52.8	100.0	100.0	16.4	18.7	26.4	100.0	100.0	63.5	73.5	82.3	92.3	100.0	100.0
60		30.2	43.9	100.0	29.5	39.3	47.5	100.0	100.0	14.7	16.9	23.8	100.0	100.0	57.1	66.1	74.1	83.1	100.0	100.0
66		27.4	39.9	100.0	26.8	35.7	43.2	100.0	100.0	13.4	15.3	21.6	100.0	100.0	51.9	60.1	67.3	75.6	100.0	100.0
72		25.1	36.6	100.0	24.6	32.7	39.6	100.0	100.0	12.3	14.1	19.8	100.0	100.0	47.6	55.1	61.7	69.3	91.7	99.2
36	156	46.5	67.6	100.0	43.8	58.2	73.2	100.0	100.0	21.9	25.0	36.6	100.0	100.0	84.6	98.0	100.0	100.0	100.0	100.0
42		39.8	58.0	100.0	37.5	49.9	62.8	100.0	100.0	18.8	21.4	31.4	100.0	100.0	72.5	84.0	94.1	100.0	100.0	100.0
48		34.9	50.7	100.0	32.9	43.6	54.9	100.0	100.0	16.4	18.7	27.5	100.0	100.0	63.5	73.5	82.3	92.4	100.0	100.0
54		31.0	45.1	100.0	29.2	38.8	48.8	100.0	100.0	14.6	16.7	24.4	100.0	100.0	56.4	65.3	73.2	82.1	100.0	100.0
60		27.9	40.6	100.0	26.3	34.9	43.9	100.0	100.0	13.1	15.0	22.0	100.0	100.0	50.8	58.8	65.9	73.9	97.8	100.0
66		25.3	36.9	100.0	23.9	31.7	39.9	100.0	100.0	11.9	13.6	20.0	100.0	100.0	46.2	53.5	59.9	67.2	88.9	96.2
72		23.2	33.8	100.0	21.9	29.1	36.6	100.0	100.0	11.0	12.5	18.3	100.0	100.0	42.3	49.0	54.9	61.6	81.5	88.2
36	162	42.5	62.7	100.0	39.1	51.9	67.9	100.0	100.0	19.6	22.3	34.0	100.0	100.0	75.6	87.5	98.0	100.0	100.0	100.0
42		36.5	53.7	100.0	33.5	44.5	58.2	100.0	100.0	16.8	19.1	29.1	100.0	100.0	64.8	75.0	84.0	94.3	100.0	100.0
48		31.9	47.0	100.0	29.3	39.0	50.9	100.0	100.0	14.7	16.7	25.5	100.0	100.0	56.7	65.6	73.5	82.5	100.0	100.0
54		28.4	41.8	100.0	26.1	34.6	45.3	100.0	100.0	13.0	14.9	22.6	100.0	100.0	50.4	58.3	65.3	73.3	97.1	100.0
60		25.5	37.6	100.0	23.5	31.2	40.7	100.0	100.0	11.7	13.4	20.4	100.0	100.0	45.3	52.5	58.8	66.0	87.4	94.5
66		23.2	34.2	100.0	21.3	28.3	37.0	100.0	100.0	10.7	12.2	18.5	100.0	100.0	41.2	47.7	53.5	60.0	79.4	85.9
72		21.3	31.4	100.0	19.6	26.0	34.0	98.5	98.5	9.8	11.2	17.0	98.5	98.5	37.8	43.8	49.0	55.0	72.8	78.8
36	168	38.1	58.3	100.0	35.1	46.6	63.1	100.0	100.0	17.5	20.0	31.6	100.0	100.0	67.7	78.5	87.9	98.6	100.0	100.0
42		32.7	50.0	100.0	30.1	39.9	54.1	100.0	100.0	15.0	17.2	27.1	100.0	100.0	58.1	67.3	75.3	84.5	100.0	100.0
48		28.6	43.7	100.0	26.3	34.9	47.4	100.0	100.0	13.2	15.0	23.7	100.0	100.0	50.8	58.8	65.9	73.9	97.9	100.0
54		25.4	38.9	100.0	23.4	31.1	42.1	100.0	100.0	11.7	13.3	21.0	100.0	100.0	45.2	52.3	58.6	65.7	87.0	94.2
60		22.9	35.0	100.0	21.0	27.9	37.9	100.0	100.0	10.5	12.0	18.9	100.0	100.0	40.6	47.1	52.7	59.2	78.3	84.8
66		20.8	31.8	100.0	19.1	25.4	34.4	100.0	100.0	9.6	10.9	17.2	100.0	100.0	37.0	42.8	47.9	53.8	71.2	77.1
72		19.1	29.2	100.0	17.5	23.3	31.6	94.9	94.9	8.8	10.0	15.8	94.9	94.9	33.9	39.2	43.9	49.3	65.3	70.6



YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

HORIZONTAL SECTION

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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HERMES F. NORERO, P.E.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15921**

DATE: **03.23.20**

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

SCALE: **NTS**

DWG. #: **YKK272**

SECTION: **4.6** | REV. **B**

[Page 15 of 39]

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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 J1 (PSF)	JAMB J2 (PSF)	J1 & J2 w/ ANCHOR (PSF)	JAMB J3 (PSF)	JAMB J4 (PSF)	JAMB J5 (PSF)	JAMB J6 (PSF)	JAMB J7 (PSF)	MULLION M1 (PSF)	MULLION M2 (PSF)	MULLION M3 (PSF)	MULLION M4 (PSF)	MULLION M5 (PSF)	MULLION M6 (PSF)	MULLION M7 (PSF)	MULLION M8 (PSF)	MULLION M9 (PSF)	MULLION M10 (PSF)	MULLION M11 (PSF)
36	174	34.3	54.4	100.0	31.6	41.9	58.9	100.0	100.0	15.8	18.0	29.4	100.0	100.0	61.0	70.6	79.1	88.7	100.0	100.0
42		29.4	46.6	100.0	27.1	35.9	50.4	100.0	100.0	13.5	15.4	25.2	100.0	100.0	52.3	60.5	67.8	76.1	100.0	100.0
48		25.8	40.8	100.0	23.7	31.4	44.1	100.0	100.0	11.8	13.5	22.1	100.0	100.0	45.7	53.0	59.3	66.6	88.1	95.4
54		22.9	36.2	100.0	21.0	27.9	39.2	100.0	100.0	10.5	12.0	19.6	100.0	100.0	40.7	47.1	52.7	59.2	78.3	84.8
60		20.6	32.6	100.0	18.9	25.2	35.3	100.0	100.0	9.5	10.8	17.7	100.0	100.0	36.6	42.4	47.5	53.2	70.5	76.3
66		18.7	29.6	100.0	17.2	22.9	32.1	100.0	100.0	8.6	9.8	16.1	100.0	100.0	33.3	38.5	43.1	48.4	64.1	69.4
72		17.2	27.2	100.0	15.8	21.0	29.4	91.7	91.7	7.9	9.0	14.7	91.7	91.7	30.5	35.3	39.5	44.4	58.7	63.6
36	180	31.0	50.8	100.0	28.5	37.9	55.0	100.0	100.0	14.3	16.3	27.5	100.0	100.0	55.1	63.8	71.4	80.2	100.0	100.0
42		26.6	43.5	100.0	24.4	32.5	47.1	100.0	100.0	12.2	13.9	23.6	100.0	100.0	47.2	54.7	61.2	68.7	91.0	98.4
48		23.3	38.1	100.0	21.4	28.4	41.2	100.0	100.0	10.7	12.2	20.6	100.0	100.0	41.3	47.8	53.6	60.1	79.6	86.1
54		20.7	33.9	100.0	19.0	25.2	36.7	100.0	100.0	9.5	10.8	18.3	100.0	100.0	36.7	42.5	47.6	53.4	70.8	76.6
60		18.6	30.5	100.0	17.1	22.7	33.0	100.0	100.0	8.6	9.8	16.5	100.0	100.0	33.0	38.3	42.9	48.1	63.7	68.9
66		16.9	27.7	100.0	15.6	20.7	30.0	96.7	96.7	7.8	8.9	15.0	96.7	96.7	30.0	34.8	39.0	43.7	57.9	62.6
72		15.5	25.4	100.0	14.3	18.9	27.5	88.6	88.6	7.1	8.1	13.7	88.6	88.6	27.5	31.9	35.7	40.1	53.1	57.4
36	186	28.1	47.6	100.0	25.8	34.3	51.5	100.0	100.0	12.9	14.7	25.8	100.0	100.0	49.9	57.8	64.8	72.7	96.2	100.0
42		24.1	40.8	100.0	22.2	29.4	44.1	100.0	100.0	11.1	12.6	22.1	100.0	100.0	42.8	49.6	55.5	62.3	82.4	89.2
48		21.1	35.7	100.0	19.4	25.7	38.6	100.0	100.0	9.7	11.1	19.3	100.0	100.0	37.4	43.4	48.6	54.5	72.1	78.1
54		18.7	31.7	100.0	17.2	22.9	34.3	100.0	100.0	8.6	9.8	17.2	100.0	100.0	33.3	38.5	43.2	48.4	64.1	69.4
60		16.9	28.5	100.0	15.5	20.6	30.9	100.0	100.0	7.8	8.8	15.5	100.0	100.0	30.0	34.7	38.9	43.6	57.7	62.5
66		15.3	25.9	100.0	14.1	18.7	28.1	93.5	93.5	7.0	8.0	14.0	93.5	93.5	27.2	31.5	35.3	39.6	52.5	56.8
72		14.1	23.8	100.0	12.9	17.2	25.8	85.8	85.8	6.5	7.4	12.9	85.8	85.8	25.0	28.9	32.4	36.3	48.1	52.0
36	192	25.6	44.6	100.0	23.5	31.2	48.3	100.0	100.0	11.7	13.4	24.2	100.0	100.0	45.4	52.6	58.9	66.1	87.4	94.6
42		21.9	38.3	100.0	20.1	26.7	41.4	100.0	100.0	10.1	11.5	20.7	100.0	100.0	38.9	45.1	50.5	56.6	75.0	81.1
48		19.2	33.5	100.0	17.6	23.4	36.3	100.0	100.0	8.8	10.1	18.1	100.0	100.0	34.0	39.4	44.2	49.5	65.6	71.0
54		17.0	29.8	100.0	15.7	20.8	32.2	100.0	100.0	7.8	8.9	16.1	100.0	100.0	30.3	35.0	39.2	44.0	58.3	63.1
60		15.3	26.8	100.0	14.1	18.7	29.0	99.7	99.7	7.0	8.0	14.5	99.7	99.7	27.2	31.5	35.3	39.6	52.5	56.8
66		13.9	24.3	100.0	12.8	17.0	26.4	90.6	90.6	6.4	7.3	13.2	90.6	90.6	24.8	28.7	32.1	36.0	47.7	51.6
72		12.8	22.3	100.0	11.7	15.6	24.2	83.1	83.1	5.9	6.7	12.1	83.1	83.1	22.7	26.3	29.4	33.0	43.7	47.3
36	198	23.3	42.0	100.0	21.4	28.5	45.5	100.0	100.0	10.7	12.2	22.7	100.0	100.0	41.4	47.9	53.7	60.2	79.7	86.3
42		20.0	36.0	100.0	18.4	24.4	39.0	100.0	100.0	9.2	10.5	19.5	100.0	100.0	35.5	41.1	46.0	51.6	68.3	74.0
48		17.5	31.5	100.0	16.1	21.3	34.1	100.0	100.0	8.0	9.2	17.0	100.0	100.0	31.0	35.9	40.3	45.2	59.8	64.7
54		15.5	28.0	100.0	14.3	19.0	30.3	100.0	100.0	7.1	8.2	15.2	100.0	100.0	27.6	32.0	35.8	40.2	53.2	57.5
60		14.0	25.2	100.0	12.9	17.1	27.3	96.7	96.7	6.4	7.3	13.6	96.7	96.7	24.8	28.8	32.2	36.1	47.8	51.8
66		12.7	22.9	100.0	11.7	15.5	24.8	87.9	87.9	5.8	6.7	12.4	87.9	87.9	22.6	26.1	29.3	32.9	43.5	47.1
72		11.7	21.0	100.0	10.7	14.2	22.7	80.6	80.6	5.4	6.1	11.4	80.6	80.6	20.7	24.0	26.8	30.1	39.9	43.1



YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

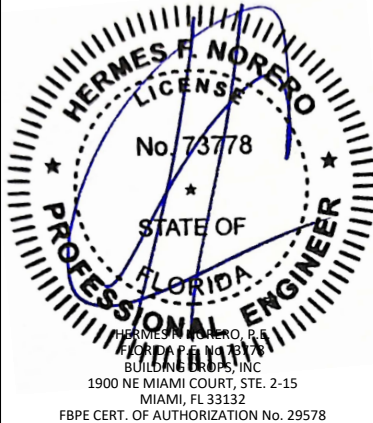
HORIZONTAL SECTION

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15921**

DATE: **03.23.20**

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

DWG. #: **YKK272**

SECTION: 4.7	REV. B
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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 J1 (PSF)	JAMB J2 (PSF)	J1 & J2 w/ ANCHOR (PSF)	JAMB J3 (PSF)	JAMB J4 (PSF)	JAMB J5 (PSF)	JAMB J6 (PSF)	JAMB J7 (PSF)	MULLION M1 (PSF)	MULLION M2 (PSF)	MULLION M3 (PSF)	MULLION M4 (PSF)	MULLION M5 (PSF)	MULLION M6 (PSF)	MULLION M7 (PSF)	MULLION M8 (PSF)	MULLION M9 (PSF)	MULLION M10 (PSF)	MULLION M11 (PSF)
36	102	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	53.1	63.8	85.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		93.2	100.0	100.0	91.1	100.0	100.0	100.0	100.0	45.5	54.7	73.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		81.5	100.0	100.0	79.7	100.0	100.0	100.0	100.0	39.9	47.8	64.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		72.5	100.0	100.0	70.9	100.0	100.0	100.0	100.0	35.4	42.5	57.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		65.2	94.9	100.0	63.8	97.5	100.0	100.0	100.0	31.9	38.3	51.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		59.3	86.3	100.0	58.0	88.6	93.4	100.0	100.0	29.0	34.8	46.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72		54.3	79.1	100.0	53.1	81.2	85.6	100.0	100.0	26.6	31.9	42.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36	108	97.0	100.0	100.0	94.8	100.0	100.0	100.0	100.0	47.4	56.9	76.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		83.1	100.0	100.0	81.3	100.0	100.0	100.0	100.0	40.6	48.7	65.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		72.7	100.0	100.0	71.1	100.0	100.0	100.0	100.0	35.5	42.7	57.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		64.6	94.1	100.0	63.2	96.6	100.0	100.0	100.0	31.6	37.9	50.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		58.2	84.7	100.0	56.9	86.9	91.7	100.0	100.0	28.4	34.1	45.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		52.9	77.0	100.0	51.7	79.0	83.3	100.0	100.0	25.9	31.0	41.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72		48.5	70.5	100.0	47.4	72.5	76.4	100.0	100.0	23.7	28.4	38.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36	114	87.0	100.0	100.0	85.1	100.0	100.0	100.0	100.0	42.5	51.0	68.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		74.6	100.0	100.0	72.9	100.0	100.0	100.0	100.0	36.5	43.8	58.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		65.3	95.0	100.0	63.8	97.5	100.0	100.0	100.0	31.9	38.3	51.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		58.0	84.4	100.0	56.7	86.7	91.4	100.0	100.0	28.4	34.0	45.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		52.2	76.0	100.0	51.0	78.0	82.3	100.0	100.0	25.5	30.6	41.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		47.5	69.1	100.0	46.4	70.9	74.8	100.0	100.0	23.2	27.8	37.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72		43.5	63.3	100.0	42.5	65.0	68.6	100.0	100.0	21.3	25.5	34.3	100.0	100.0	93.2	100.0	100.0	100.0	100.0	100.0
36	120	78.5	100.0	100.0	76.8	100.0	100.0	100.0	100.0	38.4	46.1	61.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		67.3	98.0	100.0	65.8	100.0	100.0	100.0	100.0	32.9	39.5	53.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		58.9	85.7	100.0	57.6	88.0	92.8	100.0	100.0	28.8	34.6	46.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		52.4	76.2	100.0	51.2	78.2	82.5	100.0	100.0	25.6	30.7	41.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		47.1	68.6	100.0	46.1	70.4	74.2	100.0	100.0	23.0	27.6	37.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		42.8	62.3	100.0	41.9	64.0	67.5	100.0	100.0	20.9	25.1	33.7	100.0	100.0	91.8	100.0	100.0	100.0	100.0	100.0
72		39.3	57.1	100.0	38.4	58.7	61.9	100.0	100.0	19.2	23.0	30.9	100.0	100.0	84.1	97.4	100.0	100.0	100.0	100.0
36	126	71.2	100.0	100.0	69.6	100.0	100.0	100.0	100.0	34.8	41.8	56.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		61.1	88.8	100.0	59.7	91.2	96.2	100.0	100.0	29.8	35.8	48.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		53.4	77.7	100.0	52.2	79.8	84.2	100.0	100.0	26.1	31.3	42.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		47.5	69.1	100.0	46.4	71.0	74.8	100.0	100.0	23.2	27.9	37.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		42.7	62.2	100.0	41.8	63.9	67.3	100.0	100.0	20.9	25.1	33.7	100.0	100.0	91.6	100.0	100.0	100.0	100.0	100.0
66		38.9	56.5	100.0	38.0	58.1	61.2	100.0	100.0	19.0	22.8	30.6	100.0	100.0	83.2	96.4	100.0	100.0	100.0	100.0
72		35.6	51.8	100.0	34.8	53.2	56.1	100.0	100.0	17.4	20.9	28.1	100.0	100.0	76.3	88.4	99.0	100.0	100.0	100.0
36	132	64.9	94.4	100.0	63.5	97.0	100.0	100.0	100.0	31.7	38.1	51.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		55.6	81.0	100.0	54.4	83.1	87.7	100.0	100.0	27.2	32.6	43.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		48.7	70.8	100.0	47.6	72.7	76.7	100.0	100.0	23.8	28.6	38.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		43.3	63.0	100.0	42.3	64.7	68.2	100.0	100.0	21.2	25.4	34.1	100.0	100.0	92.7	100.0	100.0	100.0	100.0	100.0
60		38.9	56.7	100.0	38.1	58.2	61.4	100.0	100.0	19.0	22.8	30.7	100.0	100.0	83.4	96.6	100.0	100.0	100.0	100.0
66		35.4	51.5	100.0	34.6	52.9	55.8	100.0	100.0	17.3	20.8	27.9	100.0	100.0	75.9	87.9	98.4	100.0	100.0	100.0
72		32.5	47.2	100.0	31.7	48.5	51.1	100.0	100.0	15.9	19.0	25.6	100.0	100.0	69.5	80.5	90.2	100.0	100.0	100.0

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YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

HORIZONTAL SECTION

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

BD

BUILDING DROPS

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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HERMES F. NORERO

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No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL15921

DATE:
03.23.20

DWG. BY:
ER

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK272

SECTION:
4.8

REV.
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[Page 17 of 39]

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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 J1 (PSF)	JAMB J2 (PSF)	J1 & J2 w/ ANCHOR (PSF)	JAMB J3 (PSF)	JAMB J4 (PSF)	JAMB J5 (PSF)	JAMB J6 (PSF)	JAMB J7 (PSF)	MULLION M1 (PSF)	MULLION M2 (PSF)	MULLION M3 (PSF)	MULLION M4 (PSF)	MULLION M5 (PSF)	MULLION M6 (PSF)	MULLION M7 (PSF)	MULLION M8 (PSF)	MULLION M9 (PSF)	MULLION M10 (PSF)	MULLION M11 (PSF)
36	138	59.4	86.4	100.0	58.1	88.7	93.6	100.0	100.0	29.0	34.8	46.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		50.9	74.1	100.0	49.8	76.1	80.2	100.0	100.0	24.9	29.9	40.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		44.5	64.8	100.0	43.5	66.6	70.2	100.0	100.0	21.8	26.1	35.1	100.0	100.0	95.4	100.0	100.0	100.0	100.0	100.0
54		39.6	57.6	100.0	38.7	59.2	62.4	100.0	100.0	19.4	23.2	31.2	100.0	100.0	84.8	98.2	100.0	100.0	100.0	100.0
60		35.6	51.8	100.0	34.8	53.2	56.1	100.0	100.0	17.4	20.9	28.1	100.0	100.0	76.3	88.4	99.0	100.0	100.0	100.0
66		32.4	47.1	100.0	31.7	48.4	51.0	100.0	100.0	15.8	19.0	25.5	100.0	100.0	69.4	80.4	90.0	100.0	100.0	100.0
72		29.7	43.2	100.0	29.0	44.4	46.8	100.0	100.0	14.5	17.4	23.4	100.0	100.0	63.6	73.7	82.5	92.6	100.0	100.0
36	144	54.5	79.4	100.0	53.3	81.5	85.9	100.0	100.0	26.7	32.0	43.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		46.7	68.0	100.0	45.7	69.9	73.7	100.0	100.0	22.9	27.4	36.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		40.9	59.5	100.0	40.0	61.1	64.5	100.0	100.0	20.0	24.0	32.2	100.0	100.0	87.6	100.0	100.0	100.0	100.0	100.0
54		36.4	52.9	100.0	35.5	54.3	57.3	100.0	100.0	17.8	21.3	28.6	100.0	100.0	77.9	90.2	100.0	100.0	100.0	100.0
60		32.7	47.6	100.0	32.0	48.9	51.6	100.0	100.0	16.0	19.2	25.8	100.0	100.0	70.1	81.2	90.9	100.0	100.0	100.0
66		29.7	43.3	100.0	29.1	44.5	46.9	100.0	100.0	14.5	17.5	23.4	100.0	100.0	63.7	73.8	82.7	92.8	100.0	100.0
72		27.3	39.7	100.0	26.7	40.8	43.0	100.0	100.0	13.3	16.0	21.5	100.0	100.0	58.4	67.7	75.8	85.0	100.0	100.0
36	150	50.3	73.1	100.0	49.1	75.1	79.2	100.0	100.0	24.6	29.5	39.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		43.1	62.7	100.0	42.1	64.4	67.9	100.0	100.0	21.1	25.3	33.9	100.0	100.0	92.3	100.0	100.0	100.0	100.0	100.0
48		37.7	54.9	100.0	36.9	56.3	59.4	100.0	100.0	18.4	22.1	29.7	100.0	100.0	80.8	93.5	100.0	100.0	100.0	100.0
54		33.5	48.8	100.0	32.8	50.1	52.8	100.0	100.0	16.4	19.7	26.4	100.0	100.0	71.8	83.2	93.1	100.0	100.0	100.0
60		30.2	43.9	100.0	29.5	45.1	47.5	100.0	100.0	14.7	17.7	23.8	100.0	100.0	64.6	74.8	83.8	94.0	100.0	100.0
66		27.4	39.9	100.0	26.8	41.0	43.2	100.0	100.0	13.4	16.1	21.6	100.0	100.0	58.7	68.0	76.2	85.5	100.0	100.0
72		25.1	36.6	100.0	24.6	37.6	39.6	100.0	100.0	12.3	14.7	19.8	100.0	100.0	53.8	62.4	69.8	78.4	92.2	99.8
36	156	46.5	67.6	100.0	45.4	69.4	73.2	100.0	100.0	22.7	27.3	36.6	100.0	100.0	99.6	100.0	100.0	100.0	100.0	100.0
42		39.8	58.0	100.0	38.9	59.5	62.8	100.0	100.0	19.5	23.4	31.4	100.0	100.0	85.3	98.8	100.0	100.0	100.0	100.0
48		34.9	50.7	100.0	34.1	52.1	54.9	100.0	100.0	17.0	20.4	27.5	100.0	100.0	74.7	86.5	96.9	100.0	100.0	100.0
54		31.0	45.1	100.0	30.3	46.3	48.8	100.0	100.0	15.1	18.2	24.4	100.0	100.0	66.4	76.9	86.1	96.6	100.0	100.0
60		27.9	40.6	100.0	27.3	41.7	43.9	100.0	100.0	13.6	16.4	22.0	100.0	100.0	59.7	69.2	77.5	86.9	100.0	100.0
66		25.3	36.9	100.0	24.8	37.9	39.9	100.0	100.0	12.4	14.9	20.0	100.0	100.0	54.3	62.9	70.4	79.0	93.0	100.0
72		23.2	33.8	100.0	22.7	34.7	36.6	100.0	100.0	11.4	13.6	18.3	100.0	100.0	49.8	57.7	64.6	72.5	85.2	92.2
36	162	43.1	62.7	100.0	42.1	64.4	67.9	100.0	100.0	21.1	25.3	34.0	100.0	100.0	92.3	100.0	100.0	100.0	100.0	100.0
42		36.9	53.7	100.0	36.1	55.2	58.2	100.0	100.0	18.1	21.7	29.1	100.0	100.0	79.1	91.7	100.0	100.0	100.0	100.0
48		32.3	47.0	100.0	31.6	48.3	50.9	100.0	100.0	15.8	19.0	25.5	100.0	100.0	69.2	80.2	89.8	100.0	100.0	100.0
54		28.7	41.8	100.0	28.1	42.9	45.3	100.0	100.0	14.0	16.9	22.6	100.0	100.0	61.6	71.3	79.8	89.6	100.0	100.0
60		25.9	37.6	100.0	25.3	38.6	40.7	100.0	100.0	12.6	15.2	20.4	100.0	100.0	55.4	64.2	71.9	80.6	94.8	100.0
66		23.5	34.2	100.0	23.0	35.1	37.0	100.0	100.0	11.5	13.8	18.5	100.0	100.0	50.4	58.3	65.3	73.3	86.2	93.3
72		21.5	31.4	100.0	21.1	32.2	34.0	98.5	98.5	10.5	12.6	17.0	98.5	98.5	46.2	53.5	59.9	67.2	79.0	85.5
36	168	40.1	58.3	100.0	39.2	59.9	63.1	100.0	100.0	19.6	23.5	31.6	100.0	100.0	85.8	99.4	100.0	100.0	100.0	100.0
42		34.3	50.0	100.0	33.6	51.3	54.1	100.0	100.0	16.8	20.1	27.1	100.0	100.0	73.6	85.2	95.5	100.0	100.0	100.0
48		30.0	43.7	100.0	29.4	44.9	47.4	100.0	100.0	14.7	17.6	23.7	100.0	100.0	64.4	74.6	83.5	93.7	100.0	100.0
54		26.7	38.9	100.0	26.1	39.9	42.1	100.0	100.0	13.1	15.7	21.0	100.0	100.0	57.2	66.3	74.2	83.3	98.0	100.0
60		24.0	35.0	100.0	23.5	35.9	37.9	100.0	100.0	11.8	14.1	18.9	100.0	100.0	51.5	59.7	66.8	75.0	88.2	95.4
66		21.9	31.8	100.0	21.4	32.7	34.4	100.0	100.0	10.7	12.8	17.2	100.0	100.0	46.8	54.2	60.7	68.2	80.2	86.8
72		20.0	29.2	100.0	19.6	29.9	31.6	94.9	94.9	9.8	11.8	15.8	94.9	94.9	42.9	49.7	55.7	62.5	73.5	79.5

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101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

HORIZONTAL SECTION

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

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BUILDING DROPS

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL15921

DATE:

03.23.20

DWG. BY:

ER

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK272

SECTION:

4.9

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[Page 18 of 39]

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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 J1 (PSF)	JAMB J2 (PSF)	J1 & J2 w/ ANCHOR (PSF)	JAMB J3 (PSF)	JAMB J4 (PSF)	JAMB J5 (PSF)	JAMB J6 (PSF)	JAMB J7 (PSF)	MULLION M1 (PSF)	MULLION M2 (PSF)	MULLION M3 (PSF)	MULLION M4 (PSF)	MULLION M5 (PSF)	MULLION M6 (PSF)	MULLION M7 (PSF)	MULLION M8 (PSF)	MULLION M9 (PSF)	MULLION M10 (PSF)	MULLION M11 (PSF)
36	174	37.4	54.4	100.0	36.5	55.8	58.9	100.0	100.0	18.3	21.9	29.4	100.0	100.0	80.0	92.7	100.0	100.0	100.0	100.0
42		32.0	46.6	100.0	31.3	47.8	50.4	100.0	100.0	15.7	18.8	25.2	100.0	100.0	68.6	79.5	89.0	99.8	100.0	100.0
48		28.0	40.8	100.0	27.4	41.9	44.1	100.0	100.0	13.7	16.4	22.1	100.0	100.0	60.0	69.5	77.9	87.4	100.0	100.0
54		24.9	36.2	100.0	24.3	37.2	39.2	100.0	100.0	12.2	14.6	19.6	100.0	100.0	53.4	61.8	69.2	77.7	91.3	98.8
60		22.4	32.6	100.0	21.9	33.5	35.3	100.0	100.0	11.0	13.1	17.7	100.0	100.0	48.0	55.6	62.3	69.9	82.2	89.0
66		20.4	29.6	100.0	19.9	30.4	32.1	100.0	100.0	10.0	12.0	16.1	100.0	100.0	43.7	50.6	56.6	63.5	74.7	80.9
72		18.7	27.2	100.0	18.3	27.9	29.4	91.7	91.7	9.1	11.0	14.7	91.7	91.7	40.0	46.3	51.9	58.2	68.5	74.1
36	180	34.9	50.8	100.0	34.1	52.2	55.0	100.0	100.0	17.1	20.5	27.5	100.0	100.0	74.8	86.6	97.0	100.0	100.0	100.0
42		29.9	43.5	100.0	29.3	44.7	47.1	100.0	100.0	14.6	17.5	23.6	100.0	100.0	64.1	74.2	83.1	93.3	100.0	100.0
48		26.2	38.1	100.0	25.6	39.1	41.2	100.0	100.0	12.8	15.4	20.6	100.0	100.0	56.1	65.0	72.8	81.6	96.0	100.0
54		23.3	33.9	100.0	22.8	34.8	36.7	100.0	100.0	11.4	13.6	18.3	100.0	100.0	49.9	57.7	64.7	72.6	85.4	92.4
60		20.9	30.5	100.0	20.5	31.3	33.0	100.0	100.0	10.2	12.3	16.5	100.0	100.0	44.9	52.0	58.2	65.3	76.8	83.1
66		19.0	27.7	100.0	18.6	28.5	30.0	96.7	96.7	9.3	11.2	15.0	96.7	96.7	40.8	47.2	52.9	59.4	69.8	75.6
72		17.5	25.4	100.0	17.1	26.1	27.5	88.6	88.6	8.5	10.2	13.7	88.6	88.6	37.4	43.3	48.5	54.4	64.0	69.3
36	186	32.7	47.6	100.0	32.0	48.9	51.5	100.0	100.0	16.0	19.2	25.8	100.0	100.0	70.0	81.1	90.9	100.0	100.0	100.0
42		28.0	40.8	100.0	27.4	41.9	44.1	100.0	100.0	13.7	16.4	22.1	100.0	100.0	60.0	69.5	77.9	87.4	100.0	100.0
48		24.5	35.7	100.0	24.0	36.6	38.6	100.0	100.0	12.0	14.4	19.3	100.0	100.0	52.5	60.8	68.1	76.5	89.9	97.3
54		21.8	31.7	100.0	21.3	32.6	34.3	100.0	100.0	10.7	12.8	17.2	100.0	100.0	46.7	54.1	60.6	68.0	79.9	86.5
60		19.6	28.5	100.0	19.2	29.3	30.9	100.0	100.0	9.6	11.5	15.5	100.0	100.0	42.0	48.7	54.5	61.2	71.9	77.9
66		17.8	25.9	100.0	17.4	26.6	28.1	93.5	93.5	8.7	10.5	14.0	93.5	93.5	38.2	44.2	49.6	55.6	65.4	70.8
72		16.3	23.8	100.0	16.0	24.4	25.8	85.8	85.8	8.0	9.6	12.9	85.8	85.8	35.0	40.6	45.4	51.0	60.0	64.9
36	192	30.7	44.6	100.0	30.0	45.8	48.3	100.0	100.0	15.0	18.0	24.2	100.0	100.0	65.7	76.1	85.3	95.7	100.0	100.0
42		26.3	38.3	100.0	25.7	39.3	41.4	100.0	100.0	12.9	15.4	20.7	100.0	100.0	56.3	65.3	73.1	82.0	96.5	100.0
48		23.0	33.5	100.0	22.5	34.4	36.3	100.0	100.0	11.2	13.5	18.1	100.0	100.0	49.3	57.1	63.9	71.7	84.4	91.3
54		20.5	29.8	100.0	20.0	30.6	32.2	100.0	100.0	10.0	12.0	16.1	100.0	100.0	43.8	50.8	56.8	63.8	75.0	81.2
60		18.4	26.8	100.0	18.0	27.5	29.0	99.7	99.7	9.0	10.8	14.5	99.7	99.7	39.4	45.7	51.2	57.4	67.5	73.1
66		16.7	24.3	100.0	16.4	25.0	26.4	90.6	90.6	8.2	9.8	13.2	90.6	90.6	35.9	41.5	46.5	52.2	61.4	66.4
72		15.3	22.3	100.0	15.0	22.9	24.2	83.1	83.1	7.5	9.0	12.1	83.1	83.1	32.9	38.1	42.6	47.8	56.3	60.9
36	198	28.8	42.0	100.0	28.2	43.1	45.5	100.0	100.0	14.1	16.9	22.7	100.0	100.0	61.8	71.6	80.2	90.0	100.0	100.0
42		24.7	36.0	100.0	24.2	37.0	39.0	100.0	100.0	12.1	14.5	19.5	100.0	100.0	53.0	61.4	68.7	77.1	90.7	98.1
48		21.6	31.5	100.0	21.2	32.3	34.1	100.0	100.0	10.6	12.7	17.0	100.0	100.0	46.4	53.7	60.1	67.5	79.4	85.9
54		19.2	28.0	100.0	18.8	28.7	30.3	100.0	100.0	9.4	11.3	15.2	100.0	100.0	41.2	47.7	53.4	60.0	70.5	76.3
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66		15.7	22.9	100.0	15.4	23.5	24.8	87.9	87.9	7.7	9.2	12.4	87.9	87.9	33.7	39.0	43.7	49.1	57.7	62.5
72		14.4	21.0	100.0	14.1	21.6	22.7	80.6	80.6	7.1	8.5	11.4	80.6	80.6	30.9	35.8	40.1	45.0	52.9	57.3



YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

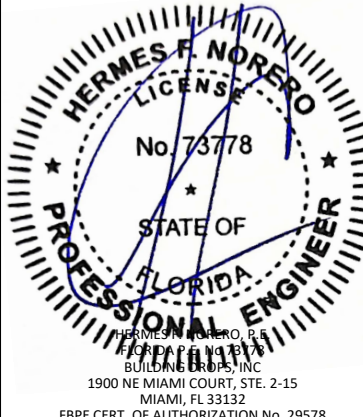
HORIZONTAL SECTION

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15921**

DATE: **03.23.20**

DWG. BY: ER	CHK. BY: HFN
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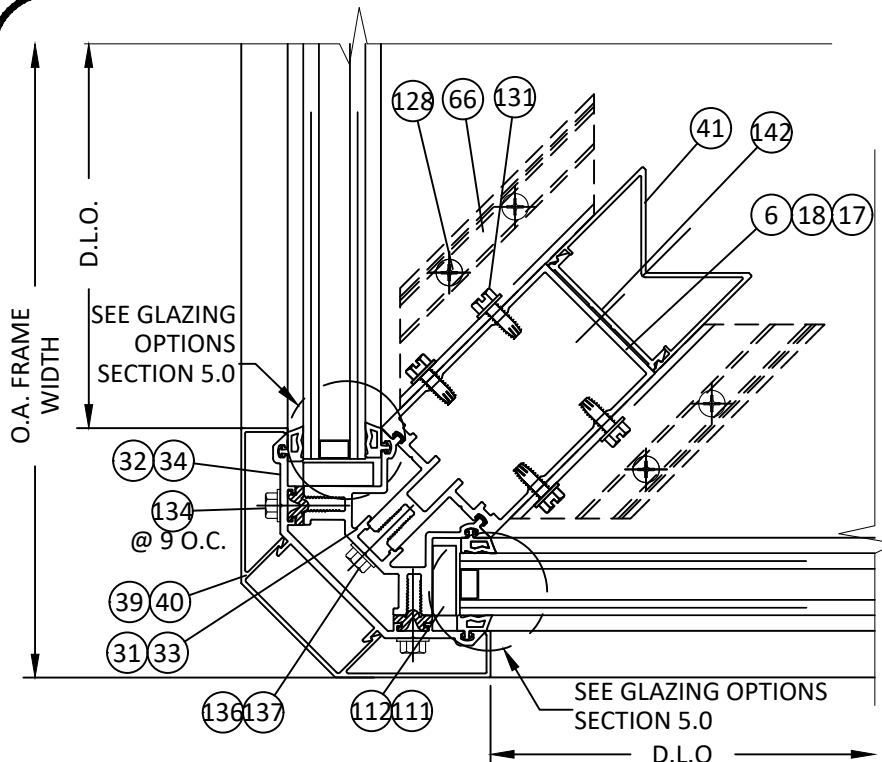
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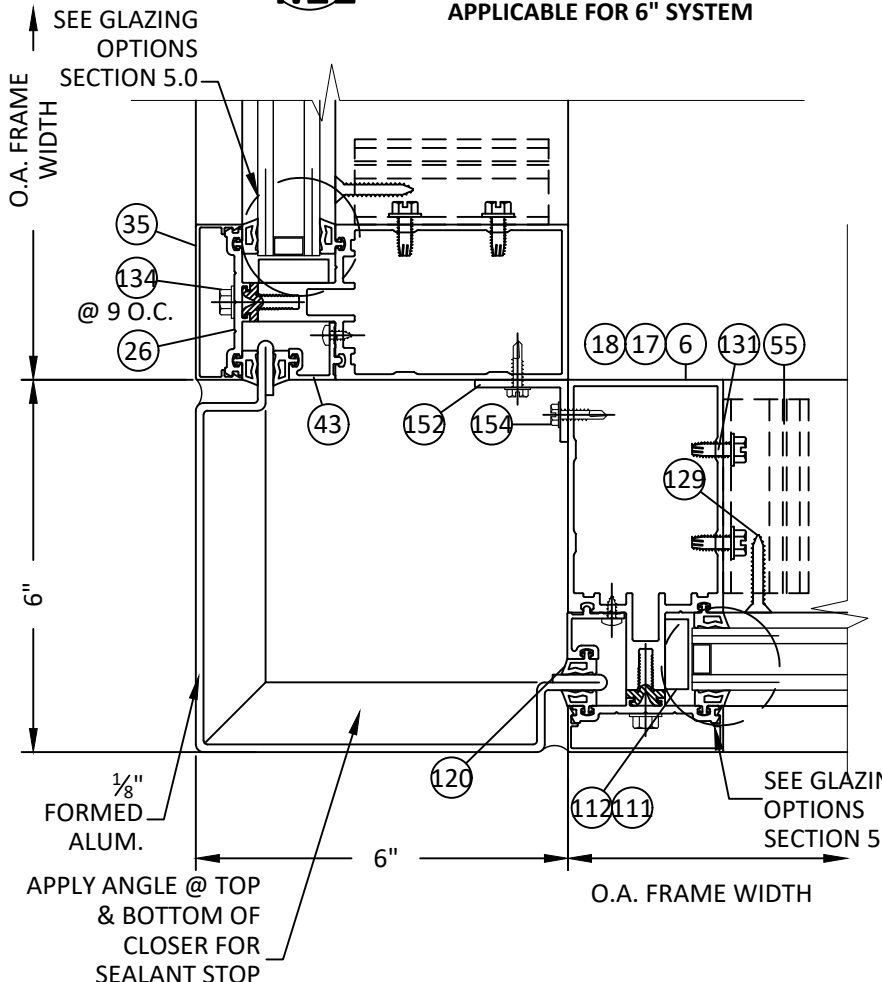
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[Page 19 of 39]

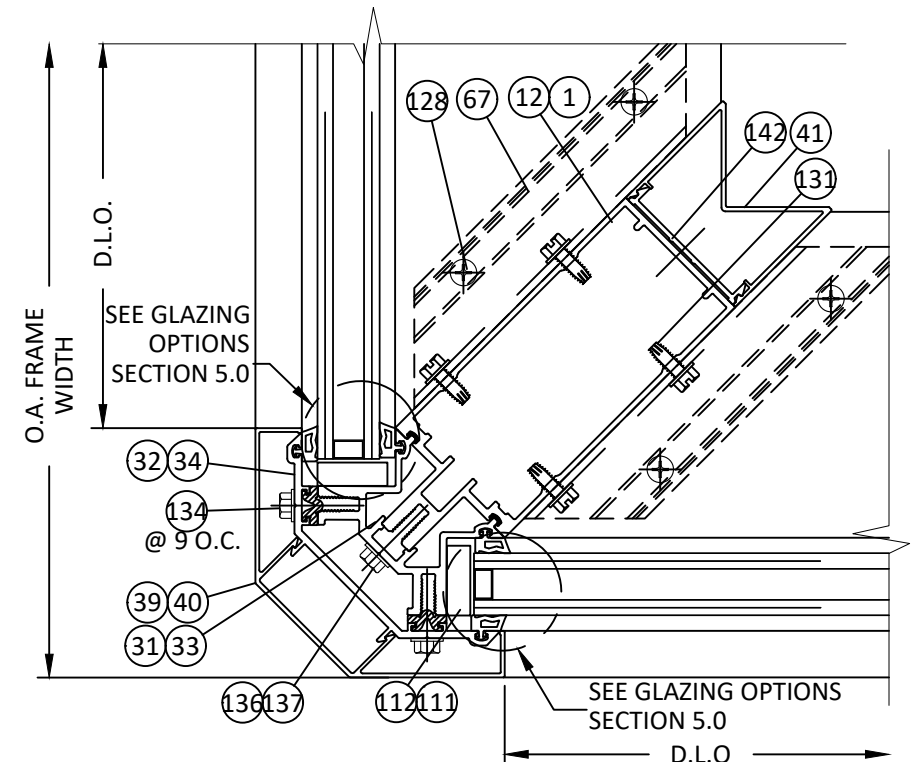
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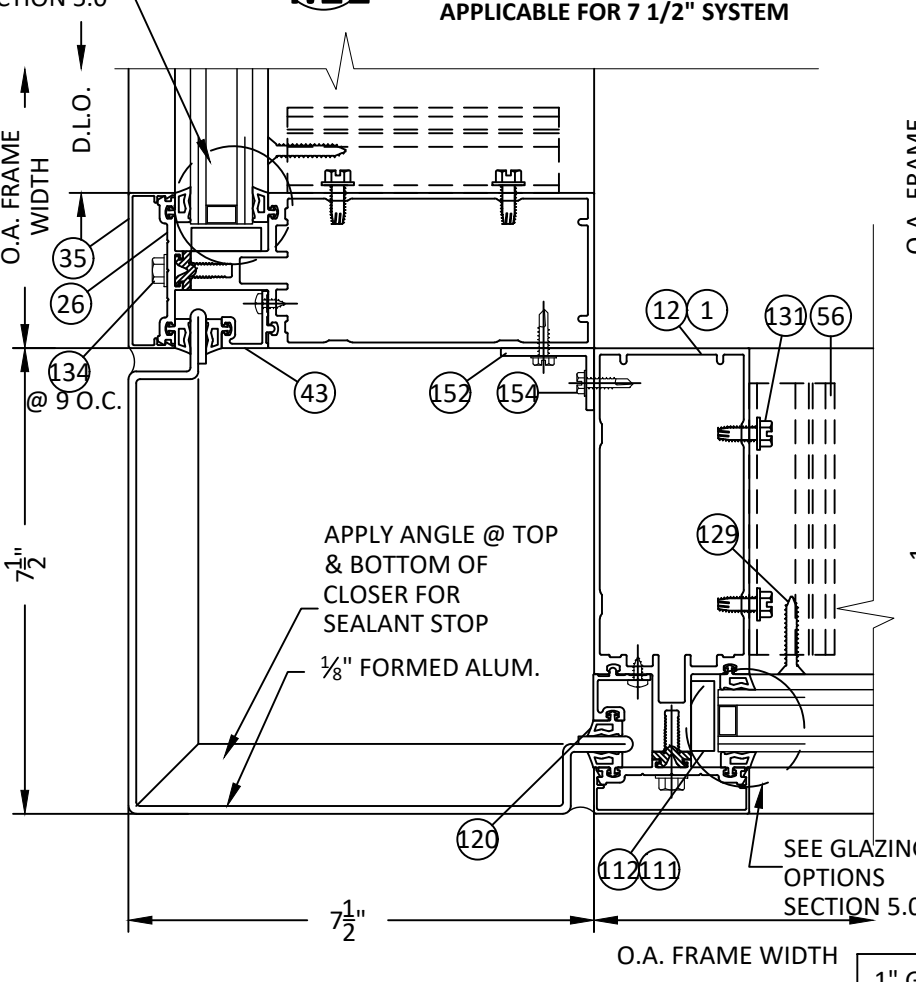
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APPLICABLE FOR 6" SYSTEM



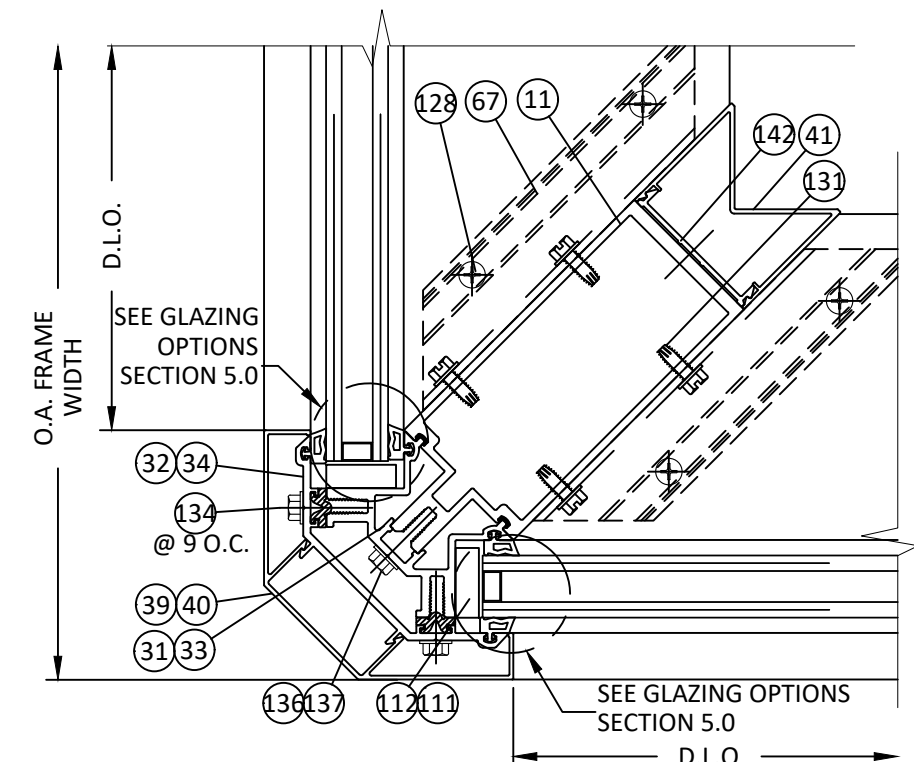
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APPLICABLE FOR 6" SYSTEM



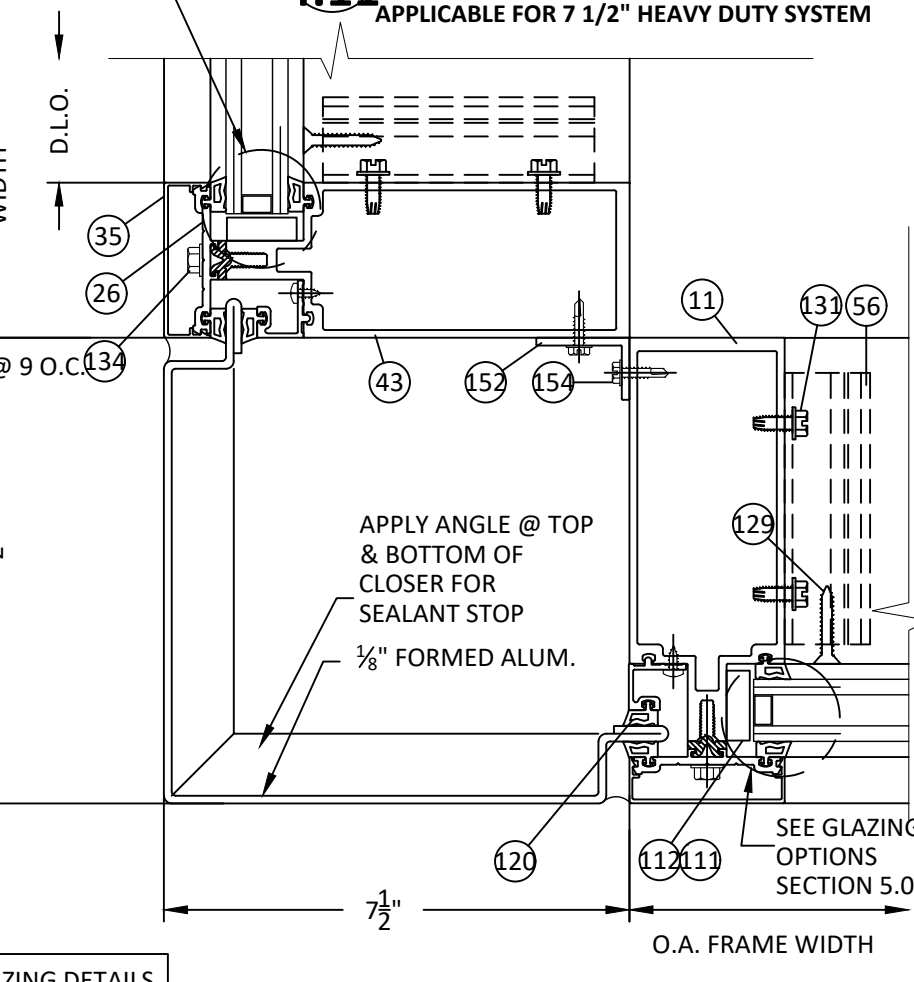
39 HORIZONTAL SECTION
4.11 90 DEG. OUTSIDE CORNER MULLION
APPLICABLE FOR 7 1/2" SYSTEM



42 HORIZONTAL SECTION
4.11 90 DEG. OUTSIDE CORNER OPTIONAL
APPLICABLE FOR 7 1/2" SYSTEM



40 HORIZONTAL SECTION
4.11 90 DEG. OUTSIDE CORNER MULLION
APPLICABLE FOR 7 1/2" HEAVY DUTY SYSTEM



43 HORIZONTAL SECTION
4.11 90 DEG. OUTSIDE CORNER OPTIONAL
APPLICABLE FOR 7 1/2" HEAVY DUTY SYSTEM

1" GLAZING DETAILS SHOWN.
1/4" GLAZING DETAILS SIMILAR.

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HORIZONTAL SECTION

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MIAMI, FL 33132
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No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
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BUILDING DROPS, INC.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15921**

DATE: **03.23.20**

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

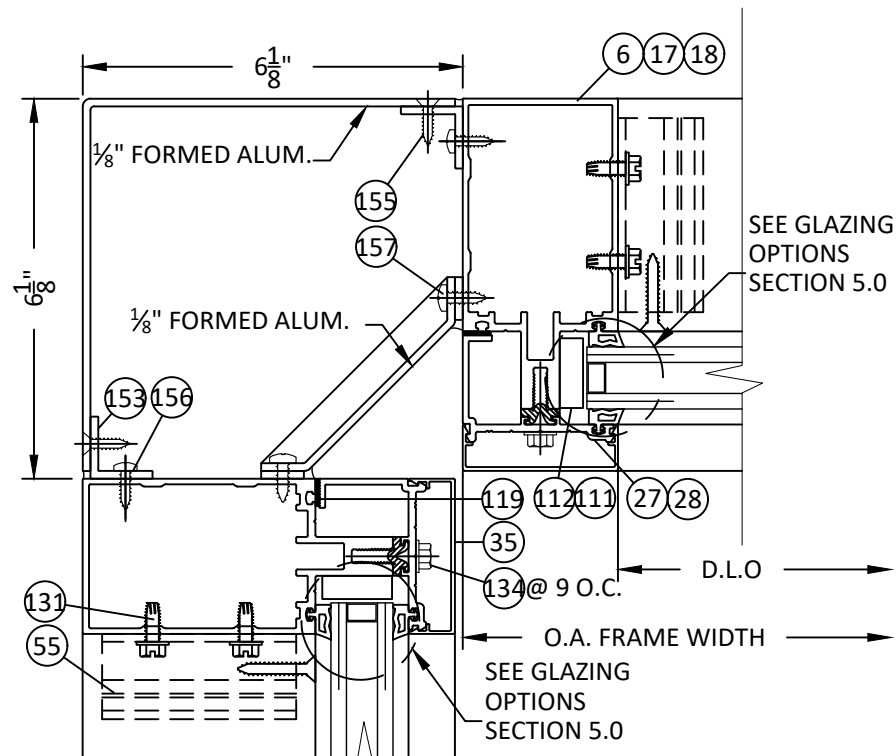
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SECTION: 4.11	REV. B
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[Page 20 of 39]

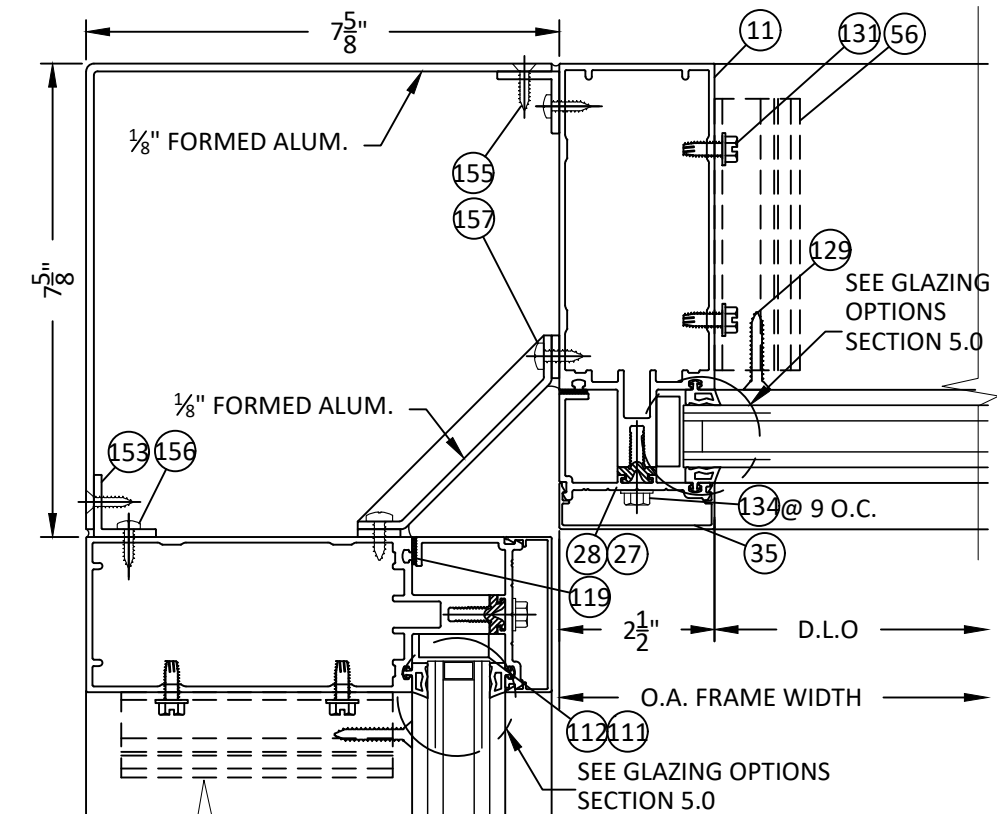
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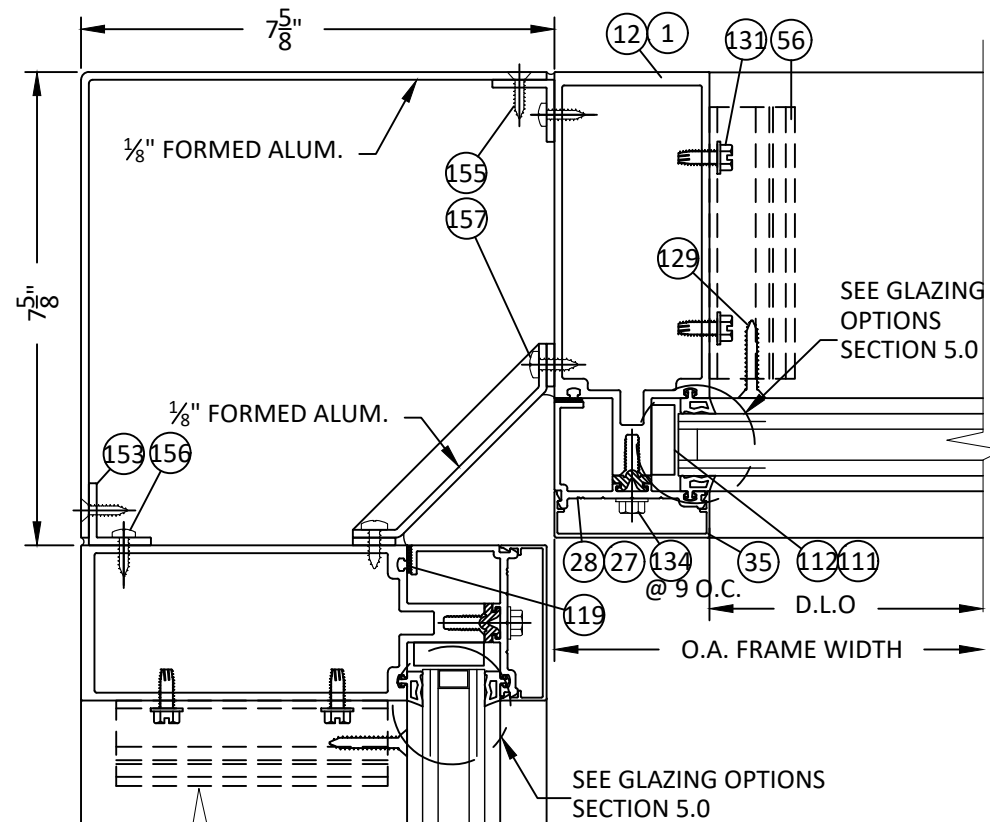


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APPLICABLE FOR 6" SYSTEM

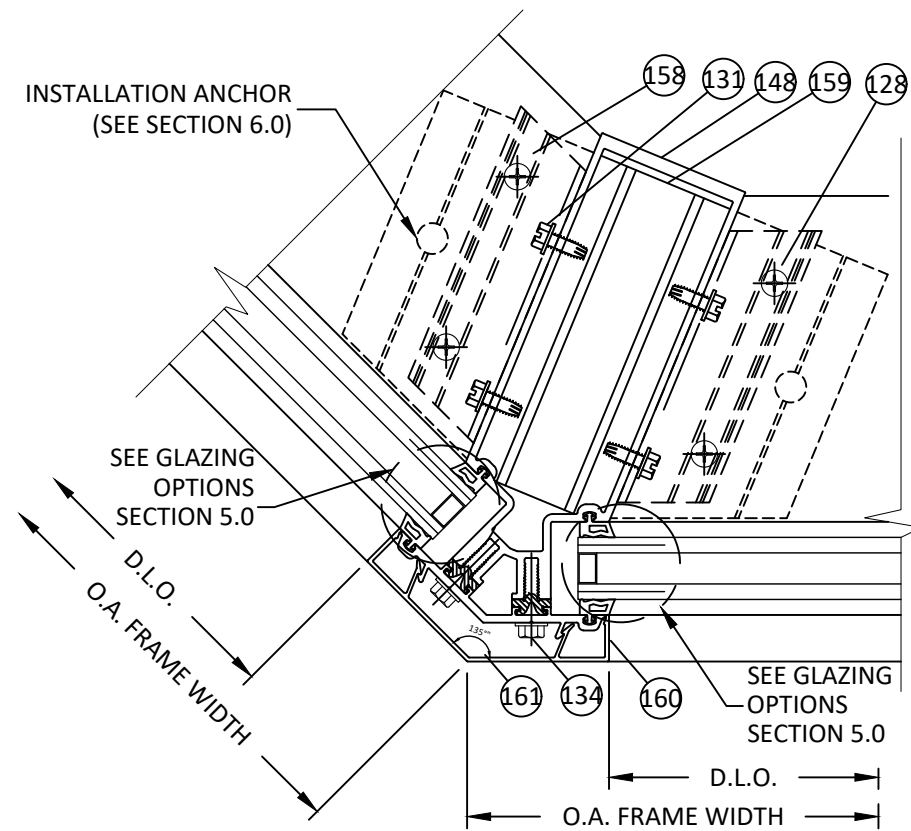
1" GLAZING DETAILS SHOWN.
1/4" GLAZING DETAILS SIMILAR.



45 HORIZONTAL SECTION
4.12 90 DEG. INSIDE CORNER OPTIONAL
APPLICABLE FOR 7 1/2" SYSTEM



46 HORIZONTAL SECTION
4.12 90 DEG. INSIDE CORNER OPTIONAL
APPLICABLE FOR 7 1/2" HEAVY DUTY



47 HORIZONTAL SECTION
4.12 135 DEG. INSIDE CORNER OPTIONAL
APPLICABLE FOR 7 1/2" SYSTEM



YKK AP America Inc
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(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTION

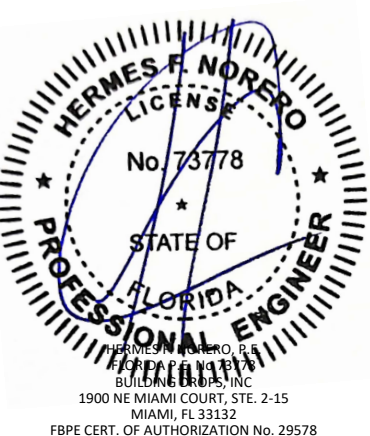
PREPARED BY: BUILDING DROPS, INC.

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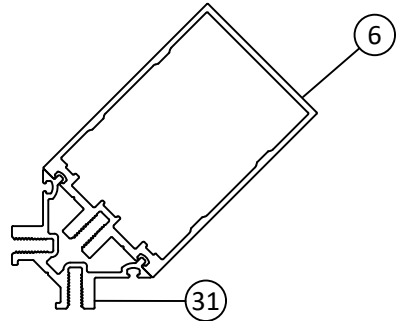
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A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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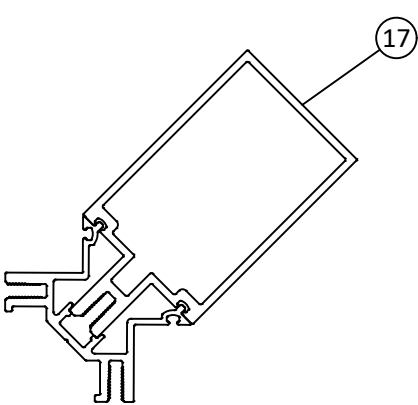


FL #:	FL15921
DATE:	03.23.20
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK272
SECTION:	4.12
REV.	B

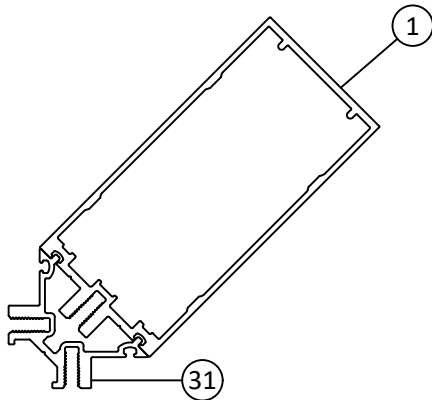
CORNER MULLIONS



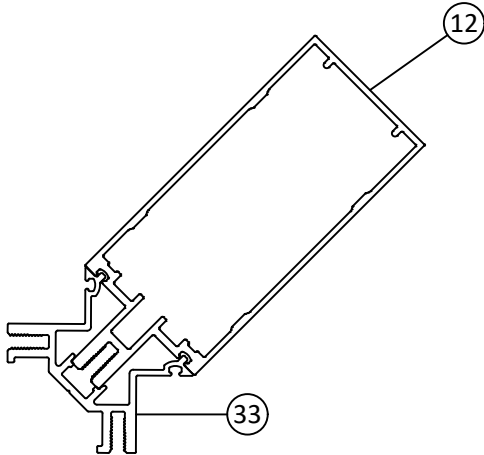
M12 90 DEGREE OUTSIDE CORNER MULLION FOR 6" STANDARD



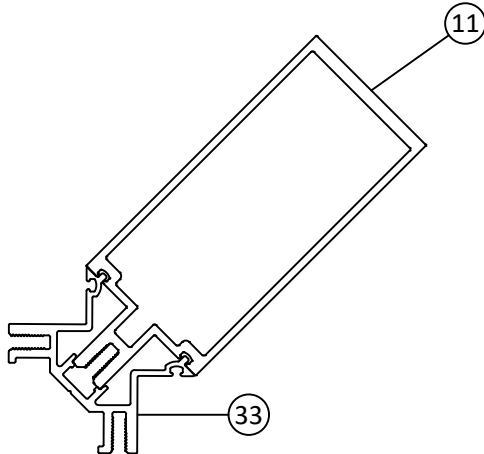
M13 90 DEGREE OUTSIDE CORNER MULLION FOR 6" STANDARD



M14 90 DEGREE OUTSIDE CORNER MULLION FOR 7-1/2" STANDARD



M15 90 DEGREE OUTSIDE CORNER MULLION FOR 7-1/2" HEAVY DUTY



M16 135 DEGREE OUTSIDE CORNER MULLION FOR 7-1/2" STANDARD



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PH: (478)277-1955 FAX: (678)838-6001

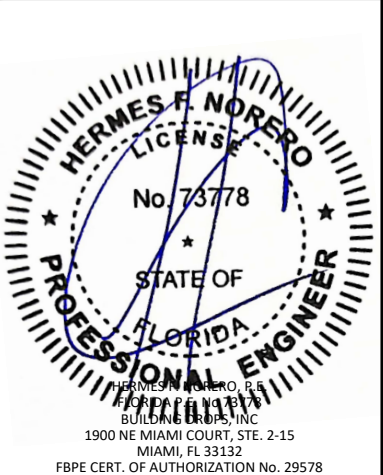
TITLE: YCW 750 OG CURTAIN WALL (NON-HVHZ) (NON-IMPACT)
HORIZONTAL SECTION

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MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

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DWG. #: **YKK272**

SECTION: **4.13** REV. **B**

[Page 22 of 39]

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CORNER MULLION DESIGN PRESSURE



YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

DESIGN PRESSURE TABLE: CORNER MULLION CAPACITY						
SPAN WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	MULLION M12 (PSF)	MULLION M13 (PSF)	MULLION M14 (PSF)	MULLION M15 (PSF)	MULLION M16 (PSF)
36	102	47.0	56.7	69.8	98.2	100.0
42		40.3	48.6	59.8	84.2	100.0
48		35.2	42.5	52.4	73.6	99.8
54		31.3	37.8	46.5	65.5	88.7
60		28.2	34.0	41.9	58.9	79.9
66		25.6	30.9	38.1	53.6	72.6
72		23.5	28.4	34.9	49.1	66.6
36	108	41.9	50.6	62.3	87.6	100.0
42		35.9	43.4	53.4	75.1	100.0
48		31.4	37.9	46.7	65.7	89.1
54		27.9	33.7	41.5	58.4	79.2
60		25.2	30.3	37.4	52.5	71.2
66		22.9	27.6	34.0	47.8	64.8
72		21.0	25.3	31.1	43.8	59.4
36	114	37.6	45.4	55.9	78.6	100.0
42		32.2	38.9	47.9	67.4	91.3
48		28.2	34.0	41.9	59.0	79.9
54		25.1	30.3	37.3	52.4	71.0
60		22.6	27.2	33.5	47.2	63.9
66		20.5	24.8	30.5	42.9	58.1
72		18.8	22.7	27.9	39.3	53.3
36	120	34.0	41.0	50.4	70.9	96.2
42		29.1	35.1	43.2	60.8	82.4
48		25.5	30.7	37.8	53.2	72.1
54		22.6	27.3	33.6	47.3	64.1
60		20.4	24.6	30.3	42.6	57.7
66		18.5	22.3	27.5	38.7	52.5
72		17.0	20.5	25.2	35.5	48.1
36	126	30.8	37.2	45.7	64.3	87.2
42		26.4	31.9	39.2	55.1	74.8
48		23.1	27.9	34.3	48.3	65.4
54		20.5	24.8	30.5	42.9	58.2
60		18.5	22.3	27.4	38.6	52.3
66		16.8	20.3	25.0	35.1	47.6
72		15.4	18.6	22.9	32.2	43.6
36	132	28.1	33.9	41.7	58.6	79.5
42		24.1	29.0	35.7	50.3	68.1
48		21.0	25.4	31.3	44.0	59.6
54		18.7	22.6	27.8	39.1	53.0
60		16.8	20.3	25.0	35.2	47.7
66		15.3	18.5	22.7	32.0	43.4
72		14.0	16.9	20.8	29.3	39.7

DESIGN PRESSURE TABLE: CORNER MULLION CAPACITY						
SPAN WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	MULLION M12 (PSF)	MULLION M13 (PSF)	MULLION M14 (PSF)	MULLION M15 (PSF)	MULLION M16 (PSF)
36	138	25.7	31.0	38.1	53.6	72.7
42		22.0	26.6	32.7	46.0	62.3
48		19.3	23.2	28.6	40.2	54.5
54		17.1	20.7	25.4	35.8	48.5
60		15.4	18.6	22.9	32.2	43.6
66		14.0	16.9	20.8	29.3	39.7
72		12.8	15.5	19.1	26.8	36.4
36	144	23.6	28.4	35.0	49.3	66.8
42		20.2	24.4	30.0	42.2	57.2
48		17.7	21.3	26.3	36.9	50.1
54		15.7	19.0	23.3	32.8	44.5
60		14.1	17.1	21.0	29.6	40.1
66		12.9	15.5	19.1	26.9	36.4
72		11.8	14.2	17.5	24.6	33.4
36	150	21.7	26.2	32.3	45.4	61.6
42		18.6	22.5	27.7	38.9	52.8
48		16.3	19.7	24.2	34.0	46.2
54		14.5	17.5	21.5	30.3	41.0
60		13.0	15.7	19.4	27.2	36.9
66		11.9	14.3	17.6	24.8	33.6
72		10.9	13.1	16.1	22.7	30.8
36	156	20.1	24.2	29.8	42.0	56.9
42		17.2	20.8	25.6	36.0	48.8
48		15.1	18.2	22.4	31.5	42.7
54		13.4	16.2	19.9	28.0	37.9
60		12.1	14.5	17.9	25.2	34.1
66		11.0	13.2	16.3	22.9	31.0
72		10.0	12.1	14.9	21.0	28.5
36	162	18.6	22.5	27.7	38.9	52.8
42		16.0	19.3	23.7	33.4	45.2
48		14.0	16.9	20.8	29.2	39.6
54		12.4	15.0	18.4	25.9	35.2
60		11.2	13.5	16.6	23.4	31.7
66		10.2	12.3	15.1	21.2	28.8
72		9.3	11.2	13.8	19.5	26.4
36	168	17.3	20.9	25.7	36.2	49.1
42		14.8	17.9	22.1	31.0	42.1
48		13.0	15.7	19.3	27.1	36.8
54		11.5	13.9	17.2	24.1	32.7
60		10.4	12.5	15.4	21.7	29.4
66		9.4	11.4	14.0	19.7	26.8
72		8.7	10.5	12.9	18.1	24.5

DESIGN PRESSURE TABLE: CORNER MULLION CAPACITY						
SPAN WIDTH 'W' (INCH)	SPAN HEIGHT 'H' (INCH)	MULLION M12 (PSF)	MULLION M13 (PSF)	MULLION M14 (PSF)	MULLION M15 (PSF)	MULLION M16 (PSF)
36	174	16.1	19.5	24.0	33.7	45.7
42		13.8	16.7	20.6	28.9	39.2
48		12.1	14.6	18.0	25.3	34.3
54		10.8	13.0	16.0	22.5	30.5
60		9.7	11.7	14.4	20.2	27.4
66		8.8	10.6	13.1	18.4	25.0
72		8.1	9.7	12.0	16.9	22.9
36	180	15.1	18.2	22.4	31.5	42.7
42		12.9	15.6	19.2	27.0	36.6
48		11.3	13.7	16.8	23.6	32.1
54		10.1	12.1	14.9	21.0	28.5
60		9.1	10.9	13.4	18.9	25.6
66		8.2	9.9	12.2	17.2	23.3
72		7.5	9.1	11.2	15.8	21.4
36	186	14.1	17.1	21.0	29.5	40.0
42		12.1	14.6	18.0	25.3	34.3
48		10.6	12.8	15.7	22.1	30.0
54		9.4	11.4	14.0	19.7	26.7
60		8.5	10.2	12.6	17.7	24.0
66		7.7	9.3	11.4	16.1	21.8
72		7.1	8.5	10.5	14.8	20.0
36	192	13.2	15.5	19.7	27.7	37.6
42		11.3	13.3	16.9	23.8	32.2
48		9.9	11.7	14.8	20.8	28.2
54		8.8	10.4	13.1	18.5	25.0
60		7.9	9.3	11.8	16.6	22.5
66		7.2	8.5	10.7	15.1	20.5
72		6.6	7.8	9.8	13.9	18.8
36	198	12.0	14.2	18.5	26.1	35.3
42		10.3	12.1	15.9	22.3	30.3
48		9.0	10.6	13.9	19.5	26.5
54		8.0	9.4	12.3	17.4	23.6
60		7.2	8.5	11.1	15.6	21.2
66		6.5	7.7	10.1	14.2	19.3
72		6.0	7.1	9.3	13.0	17.7

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

HORIZONTAL SECTION

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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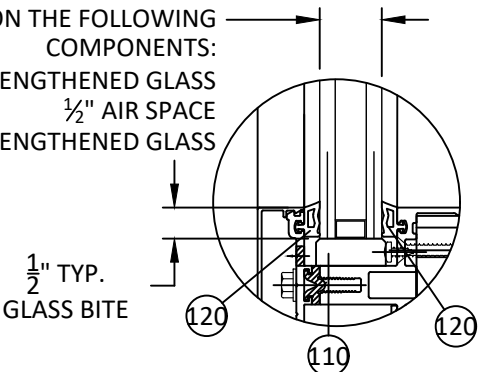
FL #:	FL15921	
DATE:	03.23.20	
DWG. BY:	ER	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	YKK272	
SECTION:	4.14	REV. B

[Page 23 of 39]

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INSULATING GLASS

1" INSULATING GLASS CONSISTING ON THE FOLLOWING COMPONENTS:
1/4" HEAT STRENGTHENED GLASS
1/2" AIR SPACE
1/4" HEAT STRENGTHENED GLASS

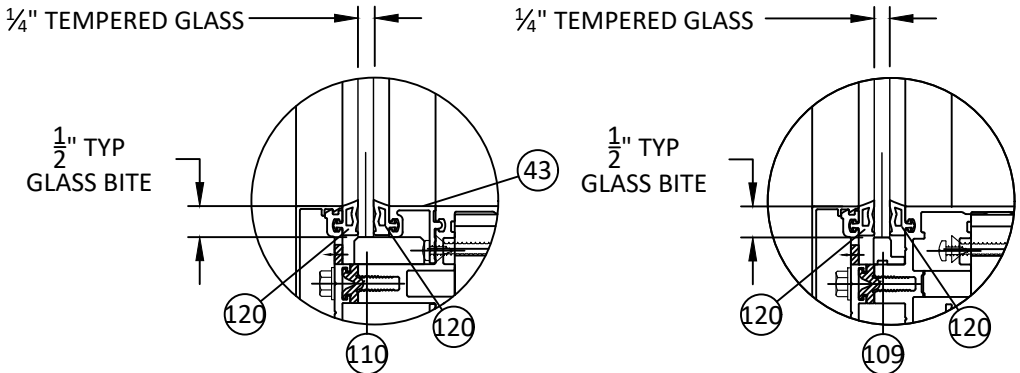


GLASS TYPE 'A'

"DESIGN PRESSURE TABLE: GLAZING CAPACITY BY TYPE"			
D.L.O. WIDTH (INCH)	D.L.O. HEIGHT (INCH)	DESIGN PRESSURE (PSF)	DESIGN PRESSURE (PSF)
		TYPE 'B' & 'C'	TYPE 'A'
30	30	100.0	100.0
	36	100.0	100.0
	42	94.0	100.0
	48	87.9	100.0
	54	83.7	95.9
	60	80.6	92.3
	66	78.2	89.6
	72	76.3	87.4
	78	74.8	85.7
	84	73.6	84.3
36	90	72.5	83.1
	30	86.3	98.9
	36	89.4	89.4
	42	88.1	89.4
	48	80.6	89.4
	54	75.5	86.5
	60	71.9	82.4
	66	69.2	79.3
	72	67.1	76.9
	78	65.5	75.0
42	84	64.1	73.4
	90	62.9	72.1
	30	67.1	76.9
	36	75.5	86.5
	42	76.6	76.6
	48	76.6	76.6
	54	70.6	76.6
	60	66.4	76.1
	66	63.3	72.5
	72	60.9	69.8
48	78	59.1	67.7
	84	57.6	65.9
	90	56.3	64.5
	30	54.9	62.9
	36	60.4	69.2
	42	67.1	76.9
	48	67.0	67.0
	54	67.0	67.0
	60	62.9	67.0
	66	59.3	67.0

"DESIGN PRESSURE TABLE: GLAZING CAPACITY BY TYPE"			
D.L.O. WIDTH (INCH)	D.L.O. HEIGHT (INCH)	DESIGN PRESSURE (PSF)	DESIGN PRESSURE (PSF)
		TYPE 'B' & 'C'	TYPE 'A'
54	30	46.5	53.3
	36	50.4	57.7
	42	54.9	62.9
	48	60.4	69.2
	54	59.6	59.6
	60	59.6	59.6
	66	56.8	59.6
	72	53.7	59.6
	78	-	58.8
	84	-	56.7
60	30	40.3	46.2
	36	43.2	49.4
	42	46.5	53.3
	48	50.4	57.7
	54	54.9	62.9
	60	53.6	53.6
	66	-	53.6
	72	-	53.6
	78	-	53.6
	84	-	53.6
66	30	35.5	40.7
	36	37.8	43.3
	42	40.3	46.2
	48	43.2	49.4
	54	46.5	53.3
	60	-	57.7
	66	-	48.8
	72	-	48.8
72	30	31.8	36.4
	36	33.6	38.5
	42	35.5	40.7
	48	37.8	43.3
	54	40.3	46.2
	60	-	49.4
	66	-	53.2

MONOLITHIC GLASS



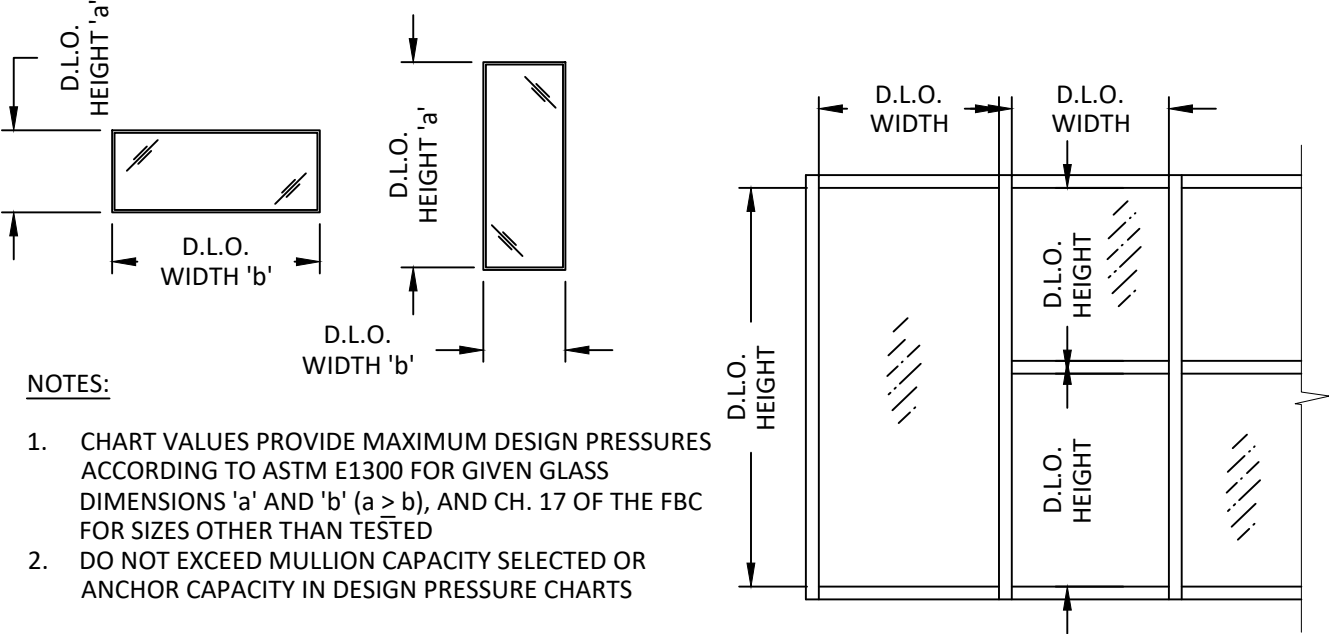
GLASS TYPE 'B'

GLASS TYPE 'C'

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

- 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

PANEL DIMENSIONS



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YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

GLAZING DETAILS & GLASS CAPACITY TABLE

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

B.D.
BUILDING DROPS

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15921**

DATE: **03.23.20**

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

SCALE: **NTS**

DWG. #: **YKK272**

SECTION: **5.0** REV. **B**

[Page 24 of 39]

F & T ANCHOR TYPES

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

NOTES:

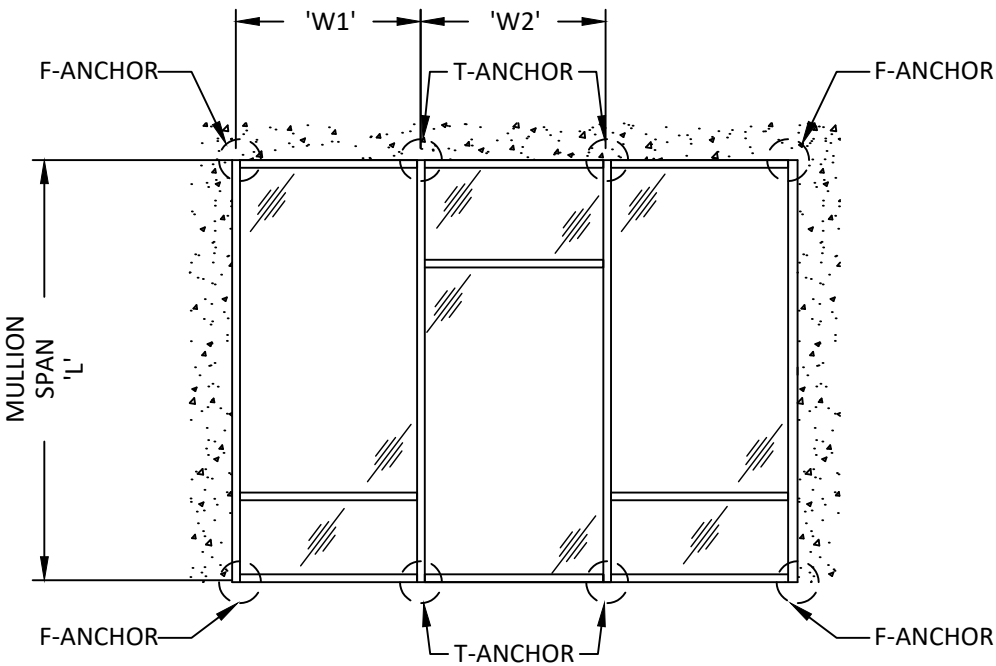
1. SEE SECTION 6.1 & 6.2 FOR ANCHORING DIAGRAMS & DETAILS.
2. USE (2) ANCHORS PER CLIP BASED ON DATA ABOVE. IF ABOVE REQUIREMENTS CANNOT BE MET THEN FURTHER ENGINEERING IS REQUIRED TO DETERMINE ANCHOR CAPACITIES.
3. WHEN USING ANCHOR TYPE B WITH AN F-ANCHOR, USE ONLY ONE (1) ANCHOR IN CLIP CLOSEST TO 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

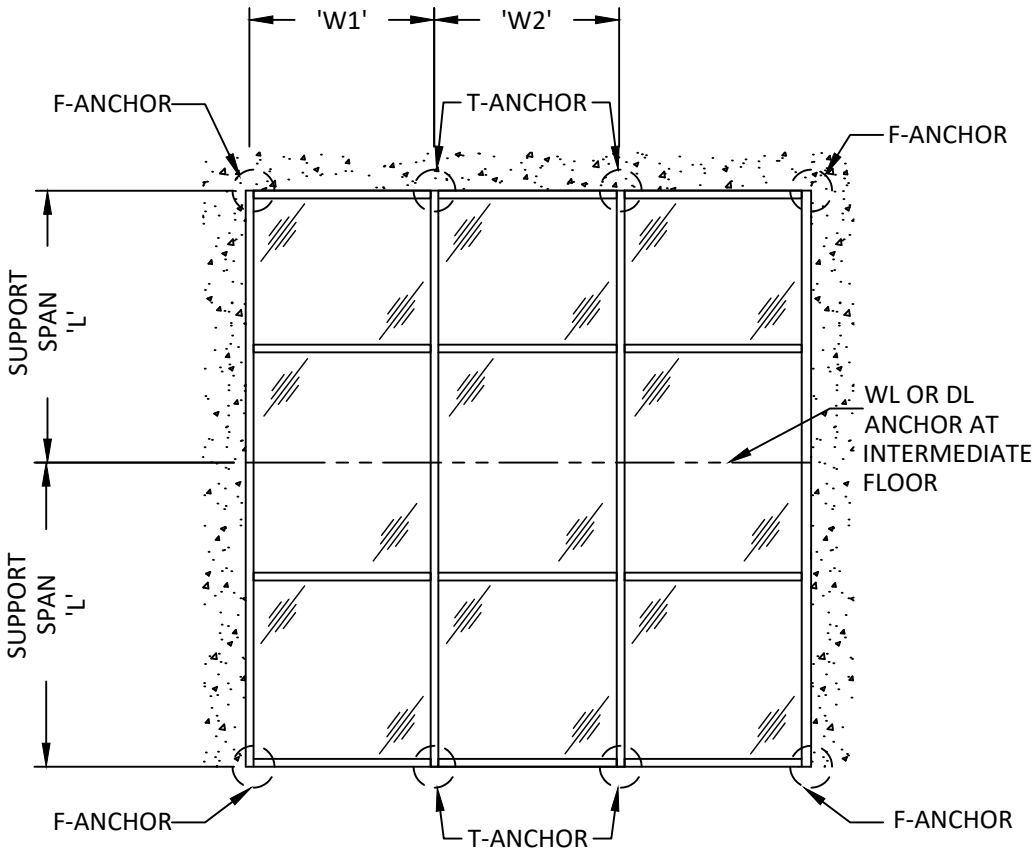
NOTE:

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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F & T ANCHOR DETAILS

PREPARED BY: BUILDING DROPS, INC.

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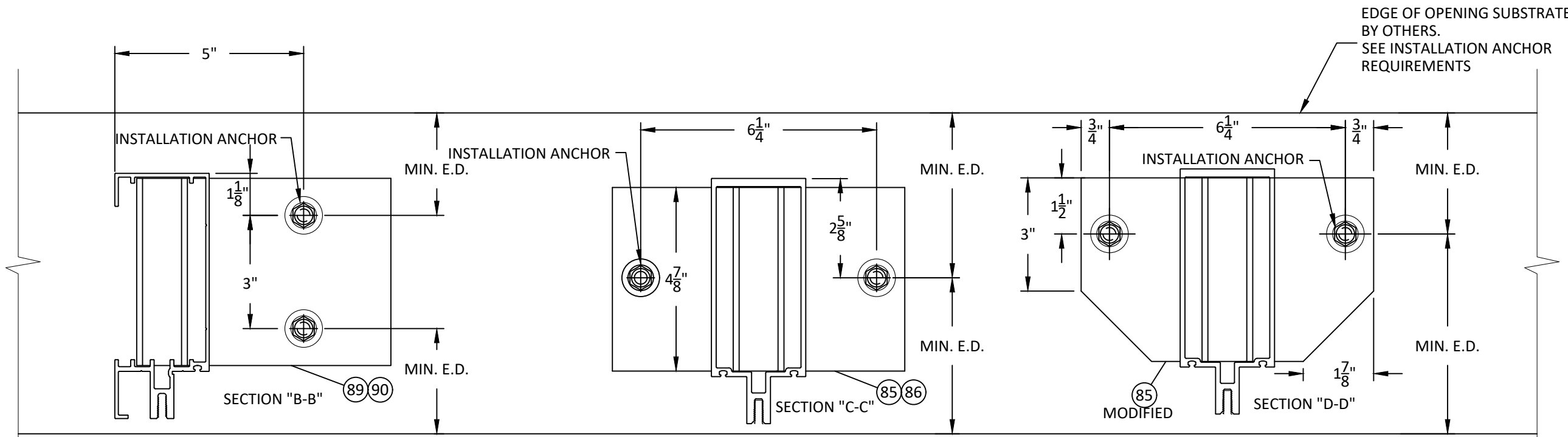
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A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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FL #:	FL15921
DATE:	03.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK272
SECTION:	6.0
REV.	B

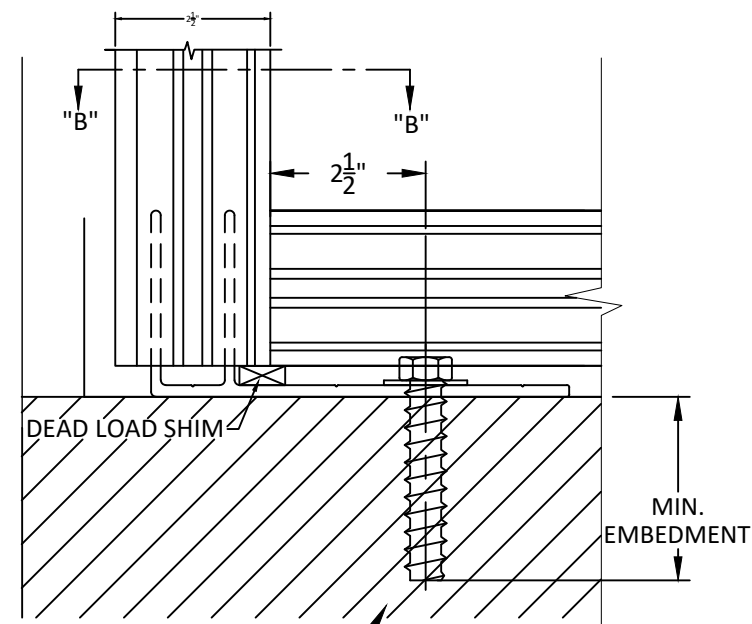
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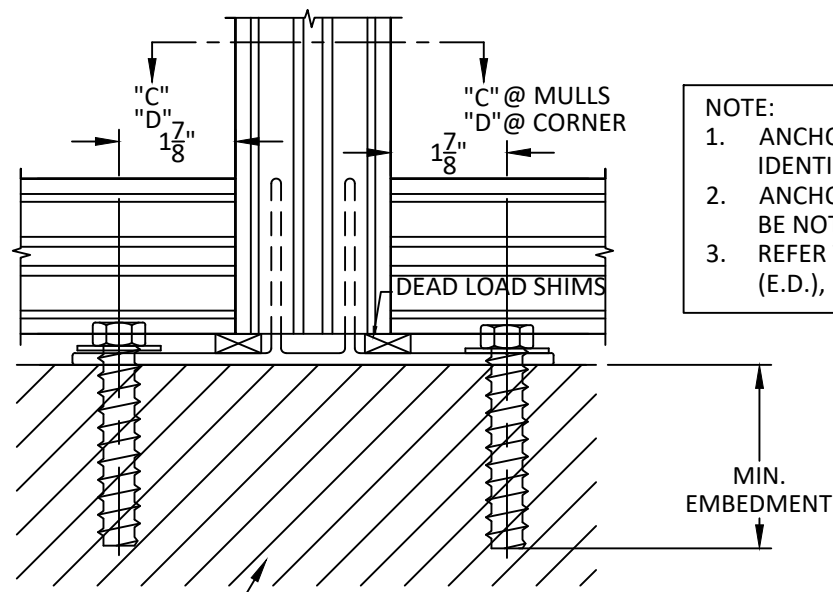
48 **6.1** **HORIZONTAL SECTION**
F-ANCHOR
7 1/2" SYSTEM

49 **6.1** **HORIZONTAL SECTION**
T-ANCHOR
7 1/2" HEAVY DUTY SYSTEM

50 **6.1** **HORIZONTAL SECTION**
T-ANCHOR
7 1/2" HEAVY DUTY SYSTEM
CORNER



EXTERIOR VIEW
F-ANCHOR (TYPICAL)



EXTERIOR VIEW
T-ANCHOR (TYPICAL)

NOTE:
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2. ANCHOR BOLT EXTENSIONS MAY BE CLIPPED TO T.O. HEX NUT AND SHEAR BLOCKS MAY BE NOTCHED TO ALLOW FOR ANCHOR CLEARANCE.
3. REFER TO INSTALLATION ANCHOR REQUIREMENTS FOR MINIMUM EDGE DISTANCES (E.D.), EMBEDMENTS (EMBED), & PROPERTIES OF OPENING SUBSTRATE, SECTIONS 7 & 8.

YKK AP Quality inspires

YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
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BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15921**

DATE: **03.23.20**

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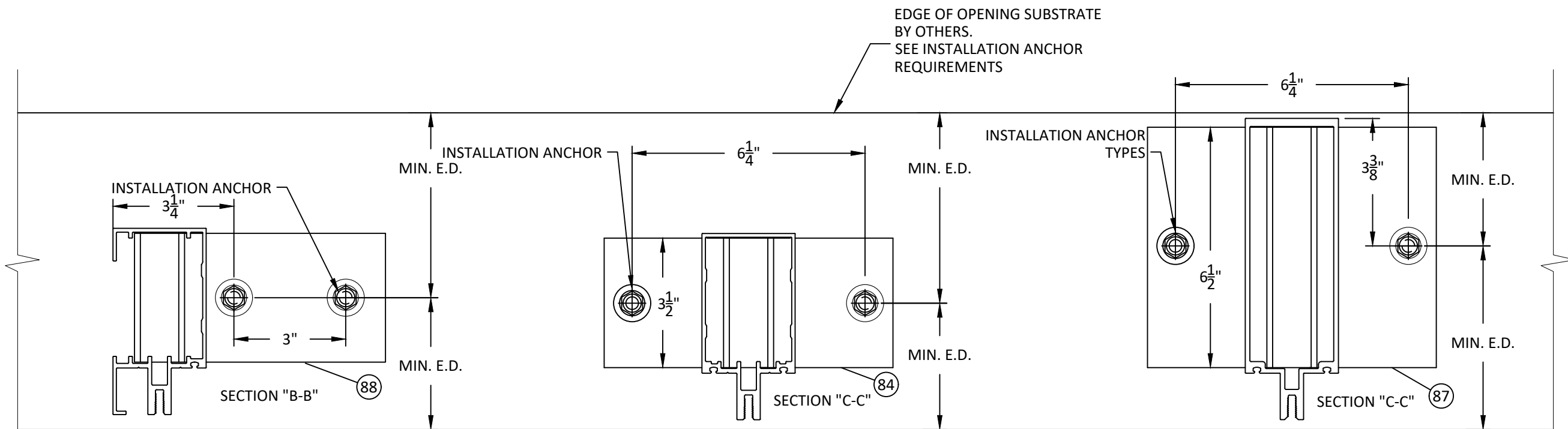
SCALE: **NTS**

DWG. #: **YKK272**

SECTION: 6.1	REV. B
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[Page 26 of 39]

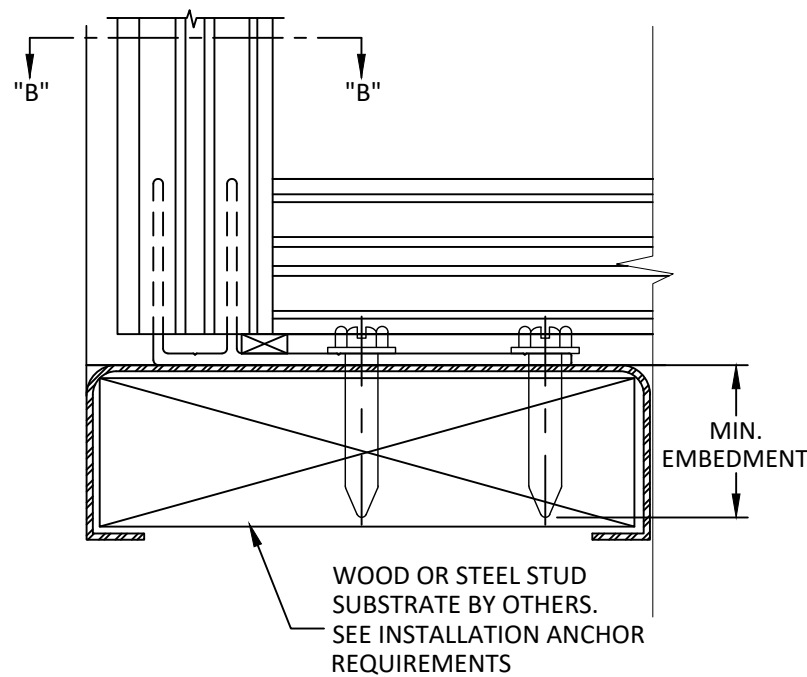
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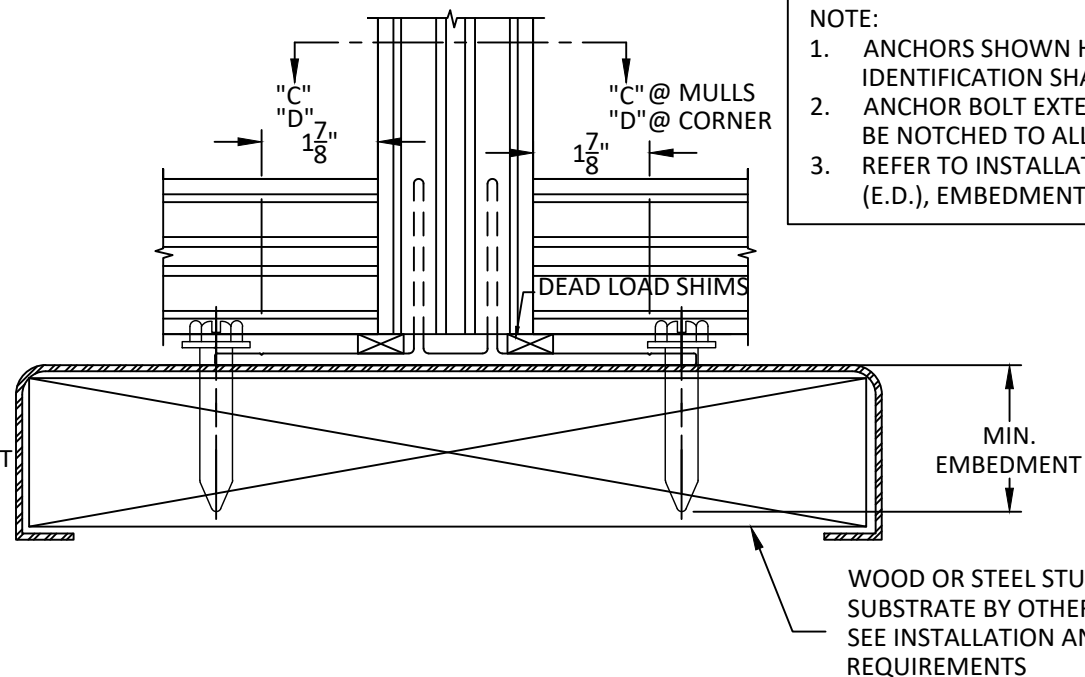
51 **HORIZONTAL SECTION**
6.2 **F-ANCHOR**
CONFIG 1
6" SYSTEM

52 **HORIZONTAL SECTION**
6.2 **T-ANCHOR**
CONFIG 1
6" SYSTEM

53 **HORIZONTAL SECTION**
6.2 **T-ANCHOR**
CONFIG 1
9" SYSTEM



EXTERIOR VIEW
F-ANCHOR (TYPICAL)



EXTERIOR VIEW
T-ANCHOR (TYPICAL)

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.



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

F & T ANCHOR DETAILS

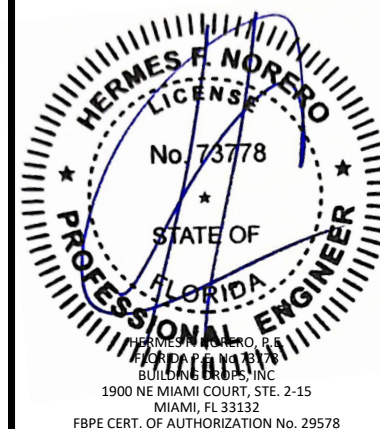
PREPARED BY: **BUILDING DROPS, INC.**

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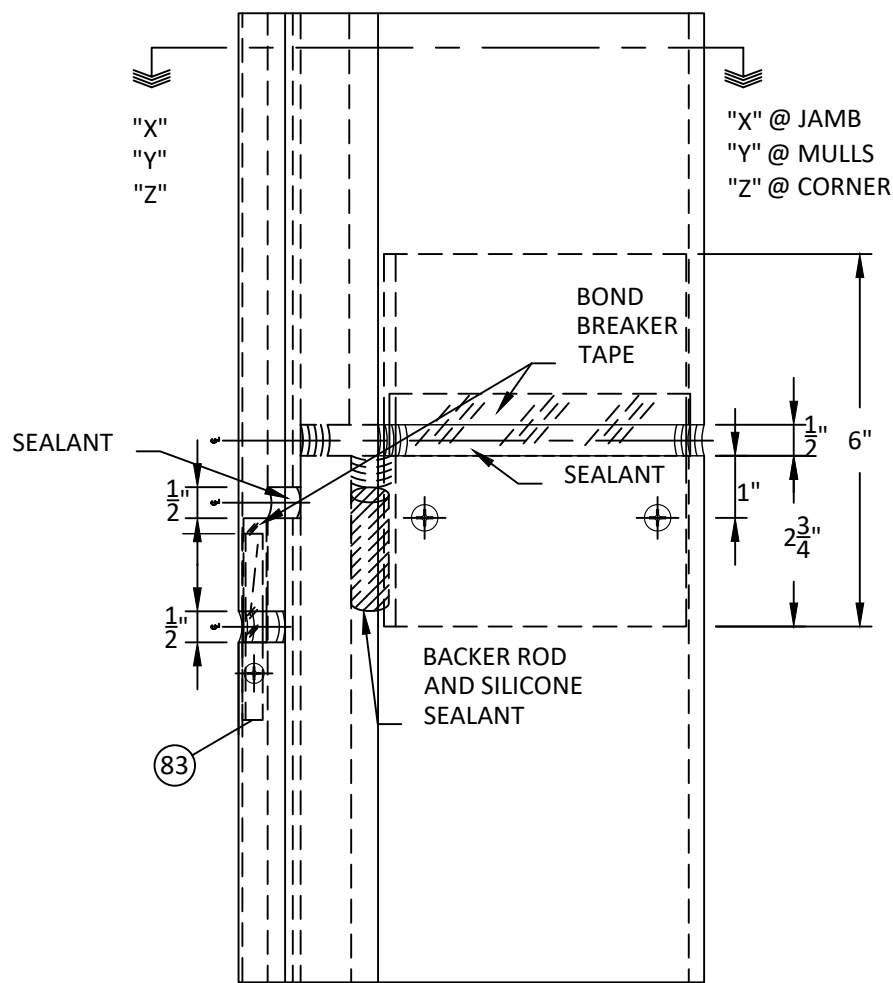
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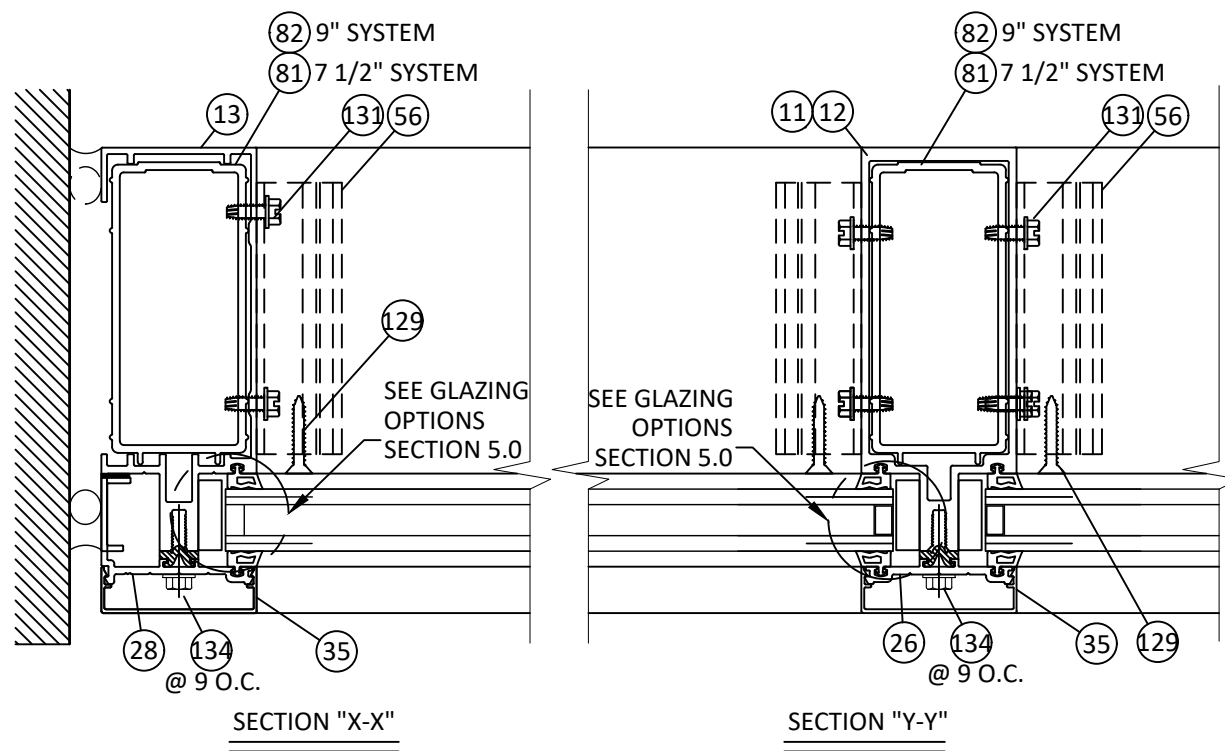


FL #:	FL15921
DATE:	03.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK272
SECTION:	6.2
REV.	B

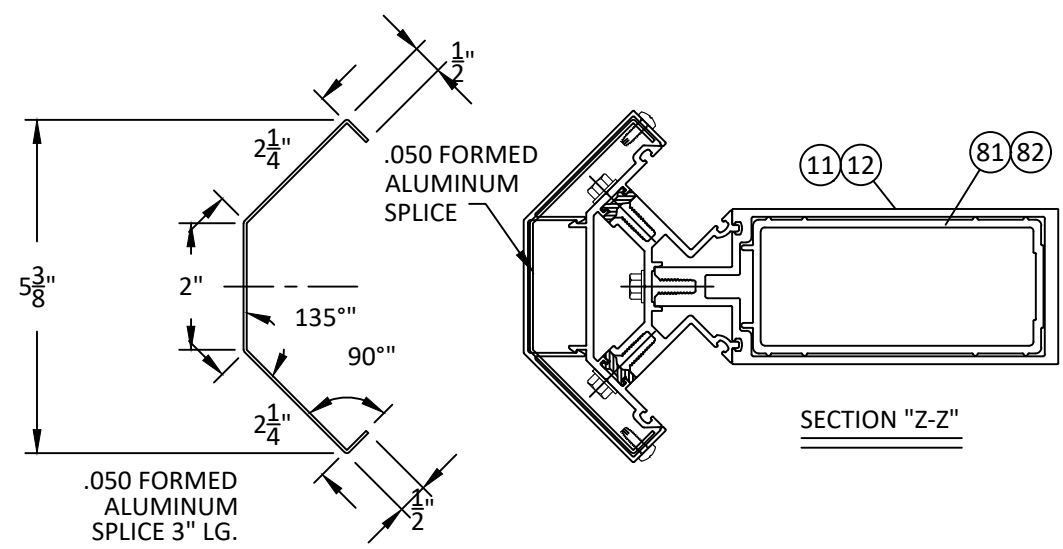
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54
6.3 **SPLICE SLEEVE**
VERTICAL DETAIL



55
6.3 **SPLICE SLEEVE**
HORIZONTAL DETAIL



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DATE: **03.23.20**

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SCALE: NTS	
DWG. #: YKK272	
SECTION:	REV. B

6.3

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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



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YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL15921

DATE:
03.23.20

DWG. BY:
ER

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK272

SECTION:
6.4

REV.
B

[Page 29 of 39]

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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	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



YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

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HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15921**

DATE: **03.23.20**

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

DWG. #: **YKK272**

SECTION: 6.5	REV. B
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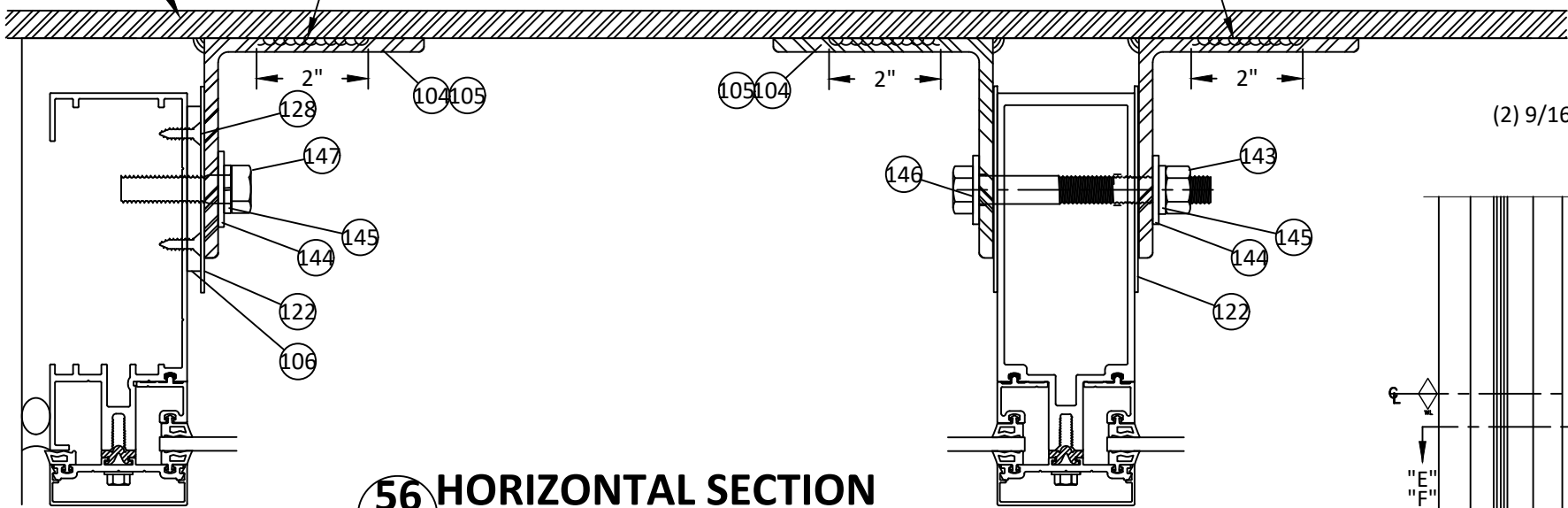
[Page 30 of 39]

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STEEL SUBSTRATE
BY OTHERS, MIN. 3/8"
THICK, A36 STEEL

4" x 4" x 1/4"
STEEL ANGLE X 4" LG
2" WELDED TO BEAM

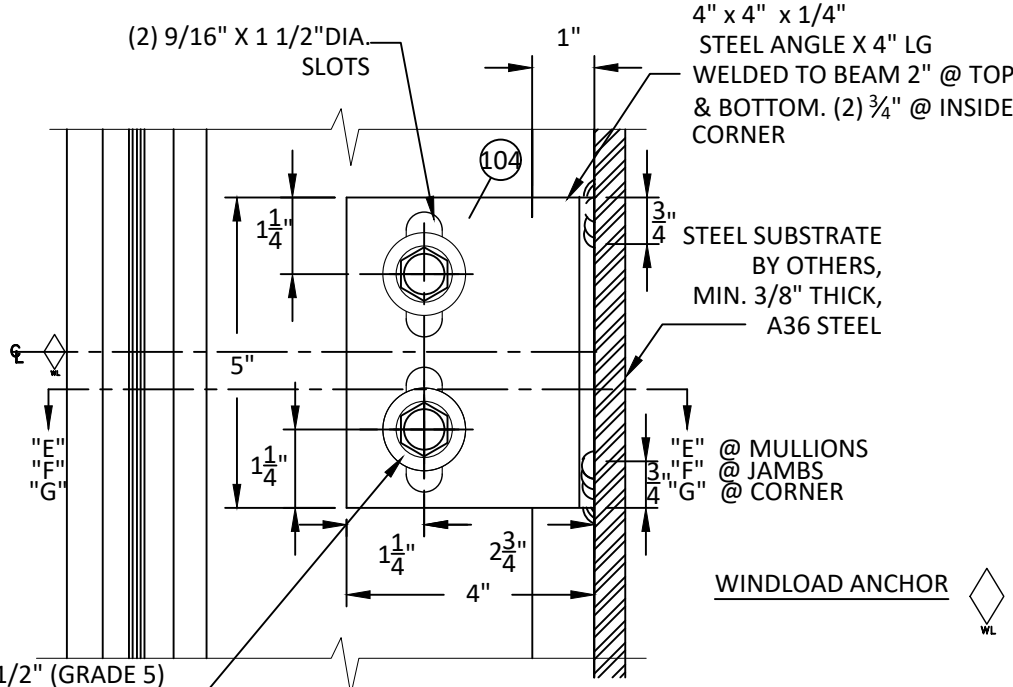
4" x 4" x 1/4"
STEEL ANGLE X 4" LG
2" WELDED TO BEAM



SECTION "F-F"

56 HORIZONTAL SECTION
7.0 WIND/DEAD LOAD ANCHOR
AT VERTICAL MULLION

SECTION "E-E"



WINDLOAD ANCHOR



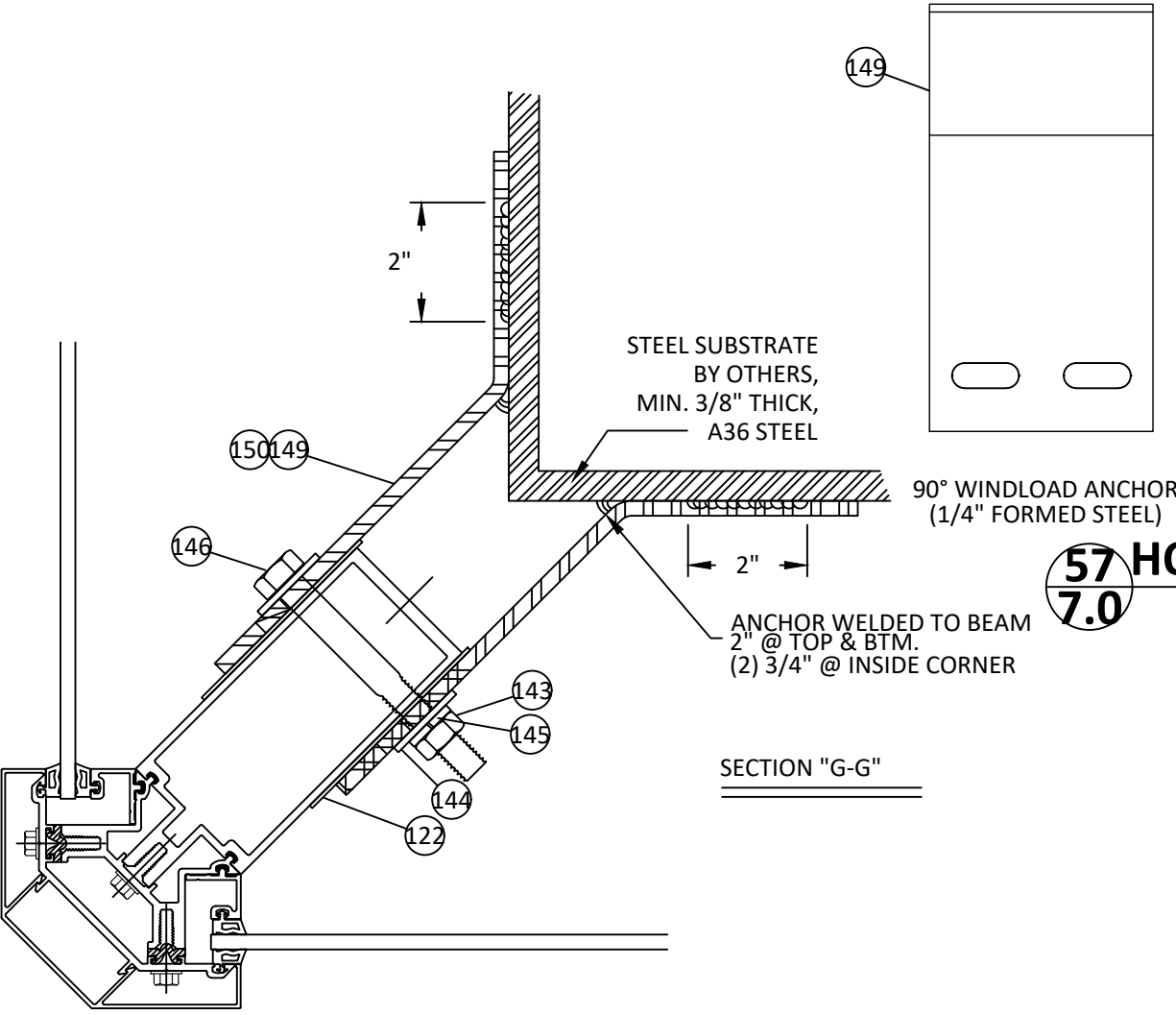
1/2" X 4 1/2" (GRADE 5)
HEX HEAD BOLT W/ FLAT
AND SPRING WASHER
(BY YKK)

(2) 9/16" HOLES
1/2" X 4 1/2" (GRADE 5)
HEX HEAD BOLT W/ FLAT
AND SPRING WASHER
(BY YKK)

4" x 4" x 1/4"
STEEL ANGLE X 4" LG
WELDED TO BEAM 2" @ TOP &
BOTTOM. (2) 3/4" @ INSIDE
CORNER

STEEL SUBSTRATE
BY OTHERS,
MIN. 3/8" THICK,
A36 STEEL

DEADLOAD ANCHOR



SECTION "G-G"

57 HORIZONTAL SECTION
7.0 WIND/DEAD LOAD ANCHOR
AT 90 DEG CORNER

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



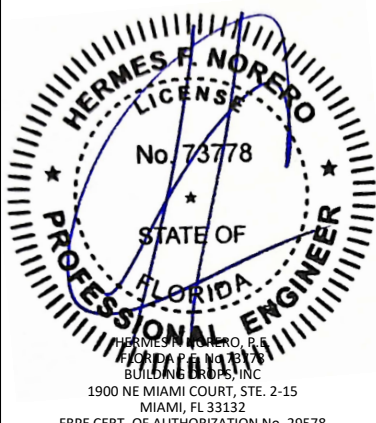
YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YCW 750 OG CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
WIND LOAD / DEAD LOAD DETAILS

PREPARED BY:
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1900 NE MIAMI COURT, STE. 2-15
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PH: (954)399-8478
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FL #:	FL15921
DATE:	03.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK272
SECTION:	7.0
REV.	B

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WIND LOAD ANCHOR CAPACITY

MAXIMUM DESIGN PRESSURE : WIND LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE	ANCHOR TYPE
WIDTH (IN.)	HEIGHT (IN.)	E & F 'UNCRACKED'	E & F '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	114	89.7	77.6
72		82.2	71.1
30		100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54	120	100.0	89.8
60		93.5	80.8
66		85.0	73.5
72		77.9	67.4
30	126	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	132	80.7	69.8
72		74.0	64.0
30		100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	91.4
54	138	94.0	81.3
60		84.6	73.1
66		76.9	66.5
30		100.0	100.0
36		100.0	100.0
42		100.0	100.0
48	144	100.0	99.7
54		100.0	87.3
60		89.7	77.6
66		80.7	69.8
72		73.4	63.5

MAXIMUM DESIGN PRESSURE : WIND LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE	ANCHOR TYPE
WIDTH (IN.)	HEIGHT (IN.)	E & F 'UNCRACKED'	E & F '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	ANCHOR TYPE
WIDTH (IN.)	HEIGHT (IN.)	E & F 'UNCRACKED'	E & F '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

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YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

WIND LOAD / DEAD LOAD DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

BD

BUILDING DROPS

REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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HERMES F. NORERO

LICENSE

No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL15921

DATE:
03.23.20

DWG. BY:
ER

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK272

SECTION:

7.1

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[Page 32 of 39]

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DEAD LOAD ANCHOR CAPACITY

MAXIMUM DESIGN PRESSURE DEAD LOAD ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE E & F	ANCHOR TYPE E & F
WIDTH (IN.)	HEIGHT (IN.)	'UNCRACKED'	'CRACKED'
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	ANCHOR TYPE E & F
WIDTH (IN.)	HEIGHT (IN.)	'UNCRACKED'	'CRACKED'
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	ANCHOR TYPE E & F
WIDTH (IN.)	HEIGHT (IN.)	'UNCRACKED'	'CRACKED'
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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ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YCW 750 OG CURTAIN WALL
(NON-HVHZ) (NON-IMPACT)
WIND LOAD / DEAD LOAD DETAILS

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PH: (954)399-8478
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HERMES F. NORERO

LICENSE

No. 73778

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL15921

DATE: 03.23.20

DWG. BY: ER
CHK. BY: HFN

SCALE: NTS

DWG. #: YKK272

SECTION: 7.2
[Page 33 of 39]

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BILL OF MATERIALS

	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	E9-1246	VERTICAL / HORIZONTAL FOR 1/4" GL (5-1/4")	6063-T5	YKK AP
2	E9-3588	JAMB FOR 1/4" GL (OPEN BACK)(5-1/4")	6063-T5	YKK AP
3	E9-3587	HEAD / SILL FOR 1/4" GL (OPEN BACK)(5-1/4")	6063-T5	YKK AP
4	E9-3590	INCIDENTAL WATER HEAD FOR 1/4" GL (5-1/4")	6063-T5	YKK AP
5	E9-3589	HORIZONTAL FOR 1/4" GL (OPEN BACK)(5-1/4")	6063-T5	YKK AP
6	E9-1250	VERTICAL / HORIZONTAL FOR 1/4" GL (3-3/4")	6063-T6	YKK AP
7	E9-3592	JAMB FOR 1/4" GL (OPEN BACK)(3-3/4")	6063-T5	YKK AP
8	E9-3591	HEAD / SILL FOR 1/4" GL (OPEN BACK)(3-3/4")	6063-T5	YKK AP
9	E9-3594	INCIDENTAL WATER HEAD FOR 1/4" GL (3-3/4")	6063-T5	YKK AP
10	E9-3593	HORIZONTAL FOR 1/4" GL (OPEN BACK)(3-3/4")	6063-T5	YKK AP
11	E9-1215	HD VERTICAL / HORIZONTAL FOR 1" GL (5-1/4")	6063-T6	YKK AP
12	E9-1225	VERTICAL / HORIZONTAL FOR 1" GL (5-1/4")	6063-T6	YKK AP
13	E9-3580	JAMB FOR 1" GL (OPEN BACK)(5-1/4")	6063-T5	YKK AP
14	E9-3579	HEAD / SILL FOR 1" GL (OPEN BACK)(5-1/4")	6063-T5	YKK AP
15	E9-3582	INCIDENTAL WATER HEAD FOR 1" GL (5-1/4")	6063-T5	YKK AP
16	E9-3581	HORIZONTAL FOR 1" GL (OPEN BACK)(5-1/4")	6063-T5	YKK AP
17	E9-3537	HD VERTICAL / HORIZONTAL FOR 1" GL (3-3/4")	6063-T6	YKK AP
18	E9-1235	VERTICAL / HORIZONTAL FOR 1" GL (3-3/4")	6063-T6	YKK AP
19	E9-3584	JAMB FOR 1" GL (OPEN BACK)(3-3/4")	6063-T5	YKK AP
20	E9-3583	HEAD / SILL FOR 1" GL (OPEN BACK)(3-3/4")	6063-T5	YKK AP
21	E9-3586	INCIDENTAL WATER HEAD FOR 1" GL (3-3/4")	6063-T5	YKK AP
22	E9-3585	HORIZONTAL FOR 1" GL (OPEN BACK)(3-3/4")	6063-T5	YKK AP
23	E9-1242	VERTICAL / HORIZONTAL FOR 1" GL (6-3/4")	6063-T6	YKK AP
24	E9-3162	HORIZONTAL FLUSH FILLER (5-1/4")	6063-T5	YKK AP
25	E9-3595	HORIZONTAL FLUSH FILLER (3-3/4")	6063-T5	YKK AP
26	AS-1216	PRESSURE PLATE	6063-T5	YKK AP
27	AS-3572	PERIMETER PRESSURE PLATE (1/4" GL)	6063-T5	YKK AP
28	AS-3569	PERIMETER PRESSURE PLATE (1" GL)	6063-T5	YKK AP
29	AS-3574	PRESSURE PLATE FOR DEEP COVERS	6063-T5	YKK AP
30	AS-3576	PERIMETER PRESSURE PLATE FOR DEEP COVERS (1" GL)	6063-T5	YKK AP
31	E9-1236	90° OUTSIDE CORNER ADAPTOR (1/4" GL)	6063-T5	YKK AP
32	AS-1237	90° OUTSIDE CORNER PRESSURE PLATE (1/4" GL)	6063-T5	YKK AP
33	E9-1226	90° OUTSIDE CORNER ADAPTOR (1" GL)	6063-T5	YKK AP
34	AS-1227	90° OUTSIDE CORNER PRESSURE PLATE (1" GL)	6063-T5	YKK AP
35	E9-1206	3/4" FACE COVER	6063-T5	YKK AP
36	E9-1219	2-3/8" FACE COVER	6063-T5	YKK AP
37	E9-1207	11/16" HORIZONTAL FACE COVER	6063-T5	YKK AP
38	E9-1293	2" BULL NOSE FACE COVER	6063-T5	YKK AP
39	E9-1238	90° OUTSIDE CORNER FACE COVER (1/4")	6063-T5	YKK AP
40	E9-1228	90° OUTSIDE CORNER FACE COVER (1")	6063-T5	YKK AP
41	E9-1281	INTERIOR COVER FOR 90° OUTSIDE CORNER (3-3/4", 5-1/4")	6063-T5	YKK AP
42	E9-3548	INTERIOR COVER FOR 90° OUTSIDE CORNER (6-3/4")	6063-T5	YKK AP
43	E9-1220	GLAZING ADAPTOR (1/4" GL)	6063-T5	YKK AP
44	E9-1232	GLAZING ADAPTOR (1/2" GL)	6063-T5	YKK AP
45	E9-1253	FLUSH POCKET FILLER (1" GL)	6063-T5	YKK AP

	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
46	E9-1248	PERIMETER ANCHOR (1/4" GL)	6063-T5	YKK AP
47	E9-1223	PERIMETER ANCHOR (1" GL)	6063-T5	YKK AP
48	E9-1231	PERIMETER CHANNEL (1" GL)	6063-T5	YKK AP
49	AS-0402	TRANSOM BAR (SINGLE ACTING)	6063-T5	YKK AP
50	E9-1224	STANDARD DOOR JAMB (1/4" GL)	6063-T5	YKK AP
51	E9-3513	STANDARD DOOR JAMB (1" GL)	6063-T5	YKK AP
52	AS-0417	SNAP-IN DOOR STOP	6063-T5	YKK AP
53	E9-3531	HEAVY DUTY DOOR JAMB	6063-T5	YKK AP
54	AS-0441	HEAVY DUTY DOOR STOP	6063-T5	YKK AP
55	E1-3503	STD SHEAR BLOCK (3-3/4")	6063-T5	YKK AP
56	E1-3504	STD SHEAR BLOCK (5-1/4")	6063-T5	YKK AP
57	E1-3506	STD SHEAR BLOCK (6-3/4")	6063-T5	YKK AP
58	E1-3501	“J” ANCHOR (3-3/4")	6063-T5	YKK AP
59	E1-3502	“J” ANCHOR (5-1/4")	6063-T5	YKK AP
60	E1-3505	“J” ANCHOR (6-3/4")	6063-T5	YKK AP
61	E1-3523	OPTIONAL SHEAR CLIP (3-3/4")	6063-T5	YKK AP
62	E1-3019	OPTIONAL SHEAR CLIP (5-1/4")	6063-T5	YKK AP
63	E1-1206	SHEAR BLOCK (3-3/4")	6063-T5	YKK AP
64	E1-1200	SHEAR BLOCK (5-1/4")	6063-T5	YKK AP
65	E1-1236	SHEAR BLOCK (6-3/4")	6063-T5	YKK AP
66	E1-3503A	SHEAR BLOCK FOR 90° OUTSIDE CORNER (3-3/4")	6063-T5	YKK AP
67	E1-3504A	SHEAR BLOCK FOR 90° OUTSIDE CORNER (5-1/4")	6063-T5	YKK AP
68	E1-3506A	SHEAR BLOCK FOR 90° OUTSIDE CORNER (6-3/4")	6063-T5	YKK AP
69	E1-3501A	“J” ANCHOR FOR 90° OUTSIDE CORNER (3-3/4")	6063-T5	YKK AP
70	E1-3501B	“J” ANCHOR FOR 90° OUTSIDE CORNER (3-3/4")	6063-T5	YKK AP
71	E1-3502A	“J” ANCHOR FOR 90° OUTSIDE CORNER (5-1/4")	6063-T5	YKK AP
72	E1-3502B	“J” ANCHOR FOR 90° OUTSIDE CORNER (5-1/4")	6063-T5	YKK AP
73	E1-3505A	“J” ANCHOR FOR 90° OUTSIDE CORNER (6-3/4")	6063-T5	YKK AP
74	E1-3505B	“J” ANCHOR FOR 90° OUTSIDE CORNER (6-3/4")	6063-T5	YKK AP
75	E1-3534	SHEAR CLIP FOR 90° OUTSIDE CORNER (RH)(3-3/4")	6063-T5	YKK AP
76	E1-3535	SHEAR CLIP FOR 90° OUTSIDE CORNER (LH)(3-3/4")	6063-T5	YKK AP
77	E1-3532	SHEAR CLIP FOR 90° OUTSIDE CORNER (RH)(5-1/4")	6063-T5	YKK AP
78	E1-3533	SHEAR CLIP FOR 90° OUTSIDE CORNER (LH)(5-1/4")	6063-T5	YKK AP
79	E1-1212	MULLION SPLICE SLEEVE (3-3/4")	6063-T5	YKK AP
80	E1-1354	MULLION SPLICE SLEEVE (3-3/4")(OPEN BACK JAMB)	6063-T5	YKK AP
81	E1-1201	MULLION SPLICE SLEEVE (5-1/4")	6063-T5	YKK AP
82	E1-1299	MULLION SPLICE SLEEVE (6-3/4")	6063-T5	YKK AP
83	E1-1202	FACE COVER SPLICE SLEEVE	ALUM SHEET	---
84	E1-1207	MULLION “T” ANCHOR (3-3/4")	6063-T5	YKK AP
85	E1-1208	MULLION “T” ANCHOR (5-1/4")(HD)	6063-T5	YKK AP
86	E1-1209	MULLION “T” ANCHOR (5-1/4")	6063-T5	YKK AP
87	E1-1238	MULLION “T” ANCHOR (6-3/4")	6063-T5	YKK AP
88	E1-1232	MULLION “F” ANCHOR (3-3/4")	6063-T5	YKK AP
89	E1-1233	MULLION “F” ANCHOR (5-1/4")(HD)	6063-T5	YKK AP
90	E1-1231	MULLION “F” ANCHOR (5-1/4")	6063-T5	YKK AP
91	E1-1240	MULLION “F” ANCHOR (6-3/4")	6063-T5	YKK AP
92	E1-1294	TEMPORARY GLASS RETAINER	6063-T5	YKK AP
93	E1-1286	MULLION END CAP	ALUM SHEET	---
94	E1-3519	MULLION END CAP FOR 90° OUTSIDE CORNER (1/4" GL)	ALUM SHEET	---



YKK AP America Inc
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TITLE: YCW 750 OG CURTAIN WALL (NON-HVHZ) (NON-IMPACT)

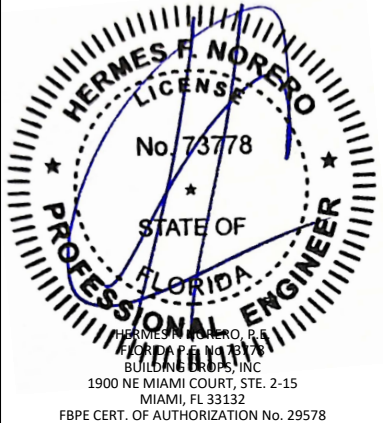
COMPONENTS & BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.
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REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL15921

DATE:

03.23.20

DWG. BY:

ER

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK272

SECTION:

8.0

REV.

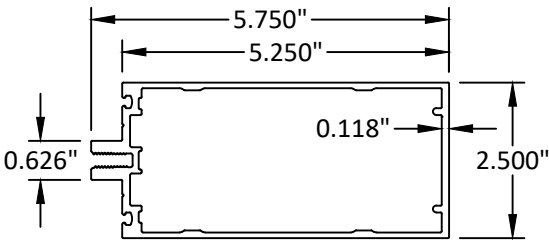
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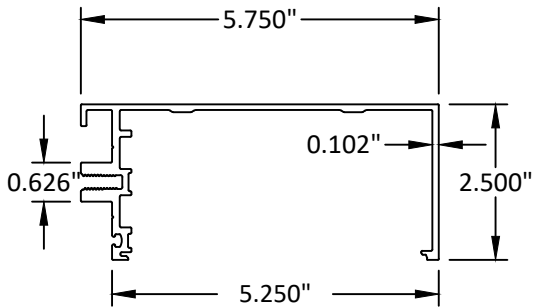
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95	E1-3520	MULLION END CAP FOR 90° OUTSIDE CORNER (1" GL)	ALUM SHEET	---
96	E1-3527	I.W. MULLION END CAP (3-3/4")	ALUM SHEET	---
97	E1-3526	I.W. MULLION END CAP (5-1/4")	ALUM SHEET	---
98	E1-3531	90° O.C. MULLION END CAP (3-3/4")(1/4" GL)	ALUM SHEET	---
99	E1-3530	90° O.C. MULLION END CAP (5-1/4")(1/4" GL)	ALUM SHEET	---
100	E1-3529	90° O.C. MULLION END CAP (3-3/4")(1" GL)	ALUM SHEET	---
101	E1-3528	90° O.C. MULLION END CAP (5-1/4")(1" GL)	ALUM SHEET	---
102	E1-3524	OPTIONAL JAMB ANCHOR CLIP (3-3/4")	ALUM SHEET	---
103	E1-3525	OPTIONAL JAMB ANCHOR CLIP (5-1/4")	ALUM SHEET	---
104	E1-1204	WIND LOAD ANCHOR	STEEL	---
105	E1-1205	DEAD LOAD ANCHOR	STEEL	---
106	E1-3536	JAMB ANCHOR PLATE	ALUM SHEET	---
107	E1-0162	STEEL REINFORCEMENT	STEEL	---
108	E1-0154	STEEL REINFORCEMENT	STEEL	---
108A	E1-0187	STEEL REINFORCEMENT	STEEL	---
109	E2-0112	SETTING BLOCK (1/4" GL)	EPDM DUROMETER 85±5	---
110	E2-0104	SETTING BLOCK (1" GL)	EPDM DUROMETER 85±5	---
111	E2-0113	SIDE BLOCK (1/4" GL)	EPDM DUROMETER 60±5	---
112	E2-0105	SIDE BLOCK (1" GL)	EPDM DUROMETER 60±5	---
113	E2-0125	STANDARD JOINT PLUG (1/4" GL)	EPDM SPONGE	---
114	E2-0102	STANDARD JOINT PLUG (1" GL)	EPDM SPONGE	---
115	E2-0129	JOINT PLUG FOR SLIDE-IN HORIZONTAL (1/4" GL)	EPDM SPONGE	---
116	E2-0124	JOINT PLUG FOR SLIDE-IN HORIZONTAL (1" GL)	EPDM SPONGE	---
117	E2-0505	END DAM PLUG AT F ANCHOR	POLYETHYLENE	---
118	E2-0123	E-SLOT PLUG FOR SLIDE-IN HORIZONTAL	NEOPRENE	---
119	E2-0239	ISOLATOR TAPE	PVC SPONGE	---
120	E2-0120	INTERIOR/EXTERIOR GLAZING GASKET	EPDM DUROMETER 70±5	---
121	E2-0099	WEEP BAFFLE	URETHANE	---
122	E3-0103	ANCHOR SLIP PAD	NYLON	---
123	PC-0806	#8 X 3/8" PHSMS	ZINC PLATED STEEL	---
124	FC-0808-SS	#8 X 1/2" FHSMS TYPE AB	STAINLESS STEEL	---
125	PC-0808-SS	#8 X 1/2" PHSMS TYPE AB	STAINLESS STEEL	---
126	PF-0808-SS	#8 X 1/2" PHSMS TYPE F	STAINLESS STEEL	---
127	PC-1208	#12 X 1/2" PHSMS TYPE AB	ZINC PLATED STEEL	---
128	FC-1212	#12 X 3/4" FHSMS TYPE AB	ZINC PLATED STEEL	---
129	FC-1220	#12 X 1-1/4" FHSMS TYPE AB	ZINC PLATED STEEL	---
130	FC-1410	#14 X 5/8" FHSMS TYPE AB	ZINC PLATED STEEL	---
131	HF-2510-W1	1/4"-20 X 5/8" HWHS TYPE F	ZINC PLATED STEEL	---
132	HF-2516-W1	1/4"-20 X 1" HWHS TYPE F	ZINC PLATED STEEL	---
133	HF-2528-W1	1/4"-20 X 1-3/4" HWHS TYPE F	ZINC PLATED STEEL	---
134	HD-2516-W3-SS	1/4"-20 X 1" HWHMS TYPE CA SS	STAINLESS STEEL	---
135	HM-2512-W3	1/4"-20 X 3/4" HWHMS	ZINC PLATED STEEL	---
136	HM-2516-W3	1/4"-20 X 1" HWHMS	ZINC PLATED STEEL	---
137	HM-2520-W3	1/4"-20 X 1-1/4" HWHMS	ZINC PLATED STEEL	---
138	HM-2556-W3	1/4"-20 X 3-1/2" HWHMS	ZINC PLATED STEEL	---
139	HM-2500	1/4"-20 NUT HHMS	ZINC PLATED STEEL	---
140	WW-2500	1/4" FLAT WASHER	ZINC PLATED STEEL	---
141	WS-2500	1/4" LOCK WASHER	ZINC PLATED STEEL	---

BILL OF MATERIALS

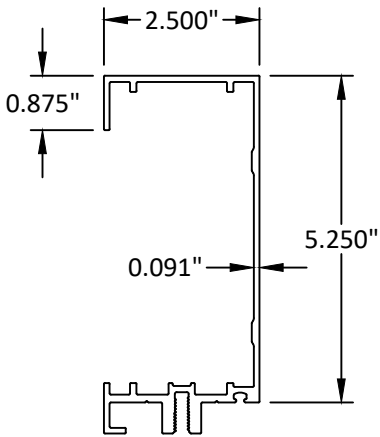
	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
142	E9-1280	INTERIOR COVER BASE	6063-T5	YKK AP
143	HM-5000	1/2"-13 NUT HHMS	ZINC PLATED STEEL	---
144	WW-5000	1/2" FLAT WASHER	ZINC PLATED STEEL	---
145	WS-5000	1/2" LOCK WASHER	ZINC PLATED STEEL	---
146	HM-5072	1/2" - 13 X 4-1/2" HHMS	ZINC PLATED STEEL	---
147	HM-5032	1/2" - 13 X 2" HWHMS	ZINC PLATED STEEL	---
148	E9-3565	135° OUTSIDE CORNER MULLION	6063-T5	YKK AP
149	E1-0191	WINDLOAD ANCHOR FOR 90° CORNER	STEEL	YKK AP
150	E1-0190	DEADLOAD ANCHOR FOR 90° CORNER	STEEL	YKK AP
151	E9-1214	DOUBLE HOLLOW MULLION FOR 1" GL (5-1/4")	6063-T6	YKK AP
152	E9-9301	1-1/2" X 1" X 1/8" ANGLE	6063-T5	YKK AP
153	E9-9302	1" X 1" X 1/8" ANGLE	6063-T5	YKK AP
154	TEK-1012	#10 - 16 X 3/4" TEK HWHS	ZINC PLATED STEEL	---
155	FC-1012	#10 X 3/4" FHSMS TYPE AB	ZINC PLATED STEEL	---
156	PC-1010	#10 X 5/8" PHSMS TYPE AB	ZINC PLATED STEEL	---
157	PC-1210	#12 X 5/8" PHSMS TYPE AB	ZINC PLATED STEEL	---
158	E1-3512	SHEAR BLOCK FOR 135° CORNER	6063-T5	YKK AP
159	E1-3511	MULLION ANCHOR FOR 135° CORNER	6063-T5	YKK AP
160	AS-3566	135° CORNER PRESSURE PLATE	6063-T5	YKK AP
161	E9-3567	135° CORNER FACE COVER	6063-T5	YKK AP



1 VERTICAL/HORIZONTAL FOR 1/4" GL
6063-T5



3 HEAD/ SILL FOR 1/4" GLASS
6063-T5



2 JAMB FOR 1/4" GL
6063-T5



YKK AP America Inc
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(NON-HVHZ) (NON-IMPACT)

COMPONENTS & BILL OF MATERIALS

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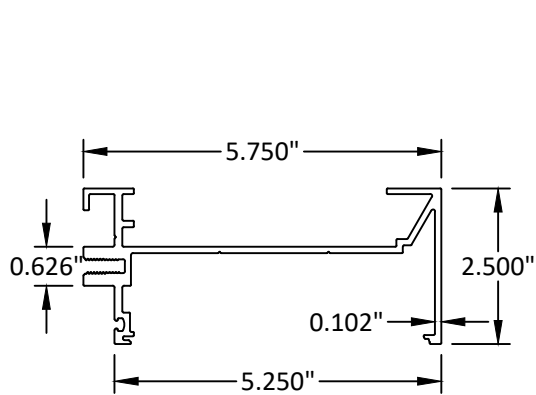
REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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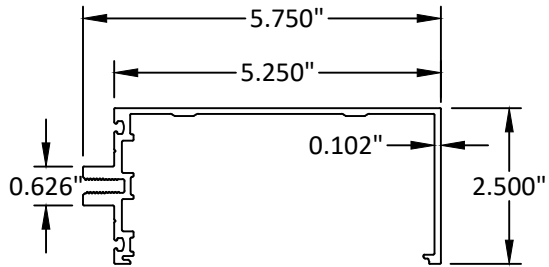


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SECTION:		REV. B	
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[Page 35 of 39]			

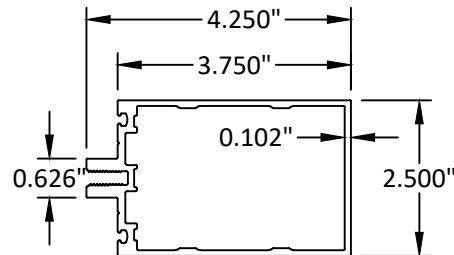
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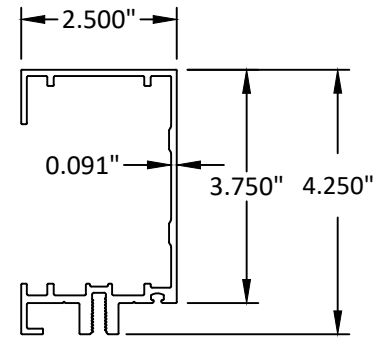
4 INCIDENTAL WATER HEAD FOR 1/4" GL
6063-T5



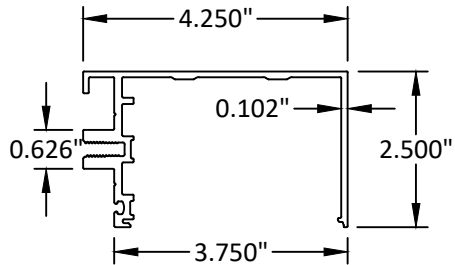
5 HORIZONTAL FOR 1/4" GL
6063-T5



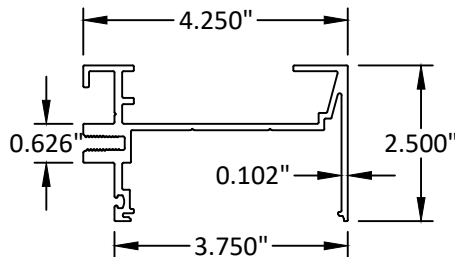
6 VERTICAL/HORIZONTAL FOR 1/4" GL
6063-T6



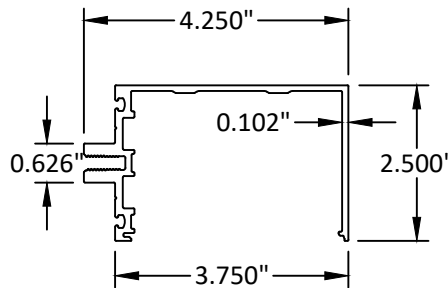
7 JAMB FOR 1/4" GL
6063-T5



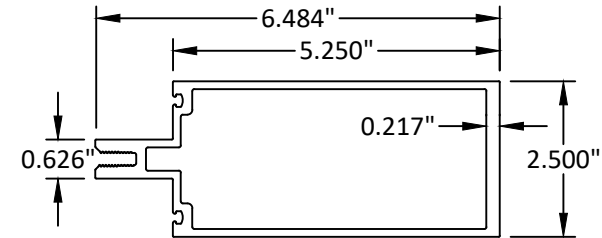
8 HEAD/ SILL FOR 1/4" GL (OPEN BACK)
6063-T5



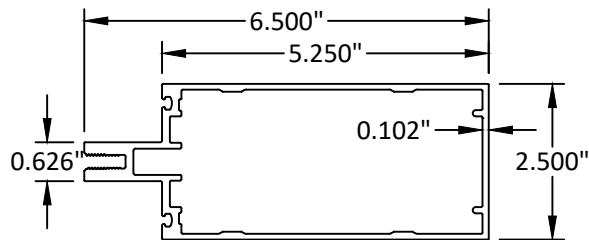
9 INCIDENTAL WATER HEAD FOR 1/4" GL
6063-T5



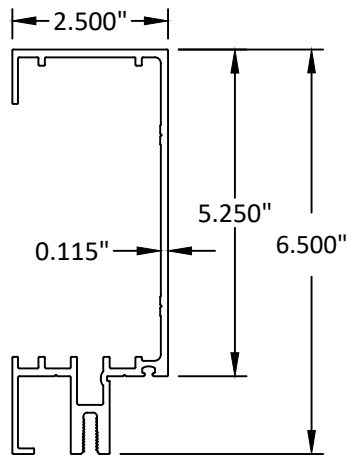
10 HORIZONTAL FOR 1/4" GL (OPEN BACK)
6063-T5



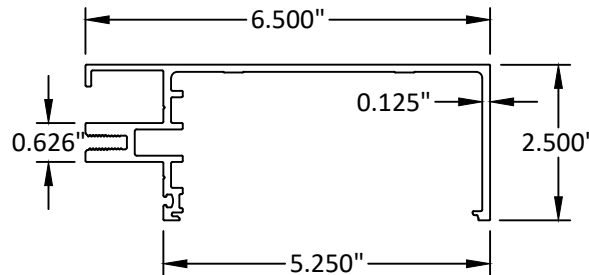
11 HD VERTICAL/HORIZONTAL FOR 1" GL
6063-T6



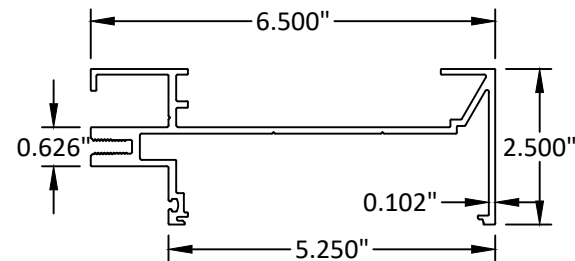
12 VERTICAL/HORIZONTAL FOR 1" GL
6063-T6



13 JAMB FOR 1/4" GL
6063-T5



14 HEAD/ SILL FOR 1" GL (OPEN BACK)
6063-T5



15 INCIDENTAL WATER HEAD FOR 1" GLASS
6063-T5



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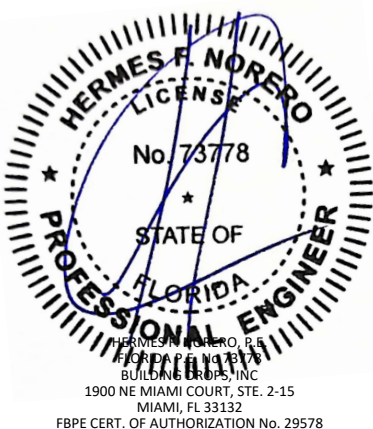
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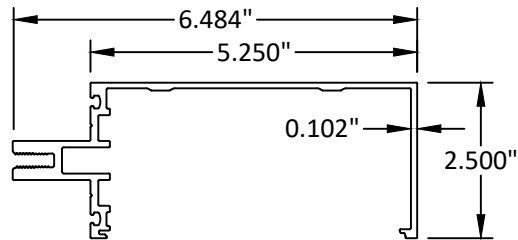
REMARKS	BY	DATE
A. 2023 FBC CODE UPDATE	MS	04.28.23
B. 2026 FBC CODE UPDATE	SH	07.29.26

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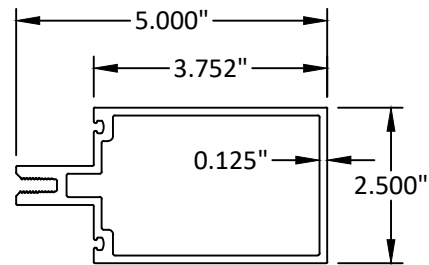


FL #:	FL15921
DATE:	03.23.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK272
SECTION:	8.2
REV.	B

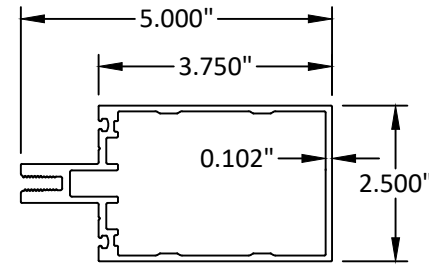
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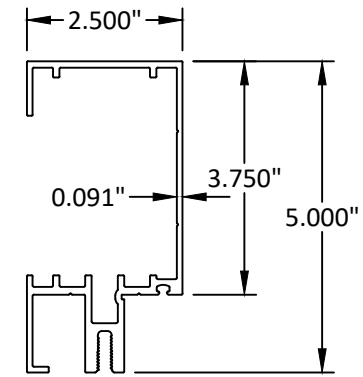
16 HORIZONTAL FOR 1" GL
6063-T5



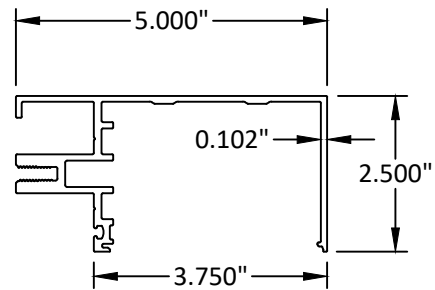
17 HD VERTICAL/HORIZONTAL FOR 1" GL
6063-T5



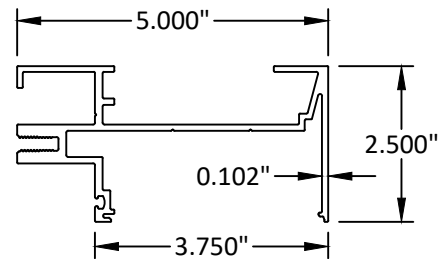
18 VERTICAL/HORIZONTAL FOR 1" GL
6063-T6



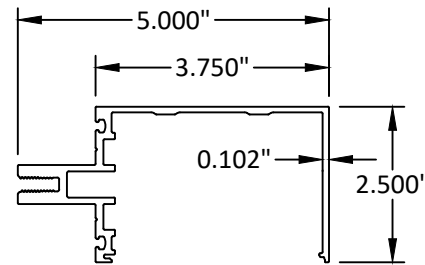
19 JAMB FOR 1" GL
6063-T5



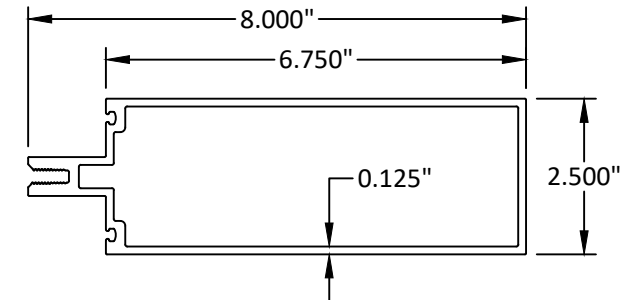
20 HEAD/ SILL FOR 1" GL
6063-T5



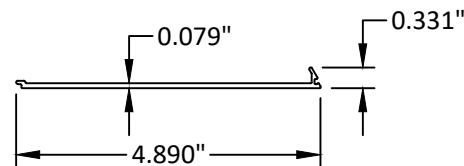
21 INCIDENTAL WATER HEAD FOR 1" GL
6063-T5



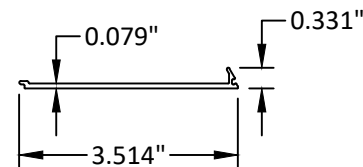
22 HORIZONTAL FOR 1" GL
6063-T5



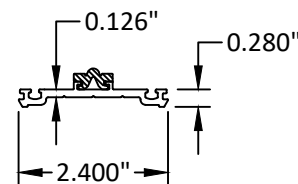
23 VERTICAL/ HORIZONTAL FOR 1" GL
6063-T6



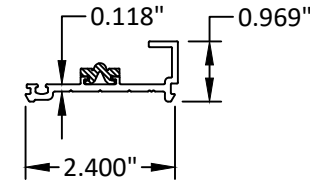
24 HORIZONTAL FLUSH FILLER
6063-T5



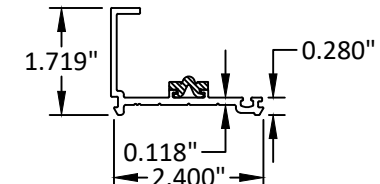
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6063-T5



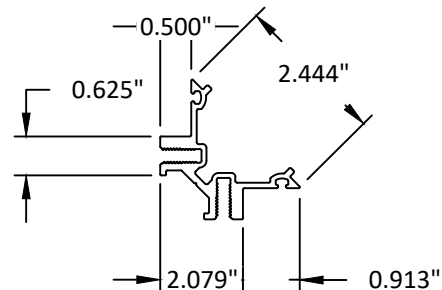
26 PRESSURE PLATE
6063-T5



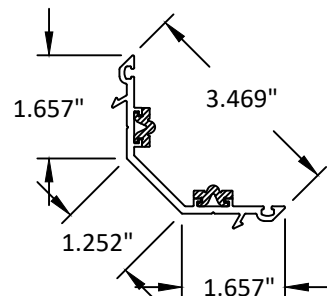
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6063-T5



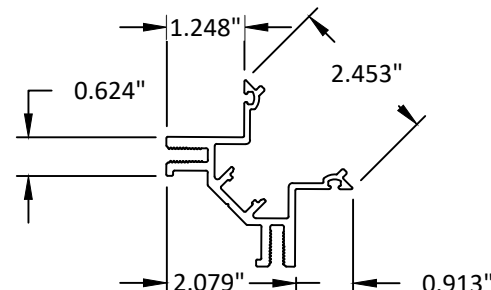
28 PRESSURE PLATE
6063-T5



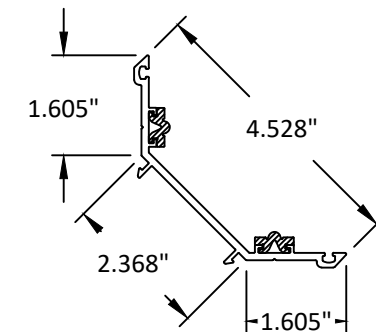
31 90° OUTSIDE CORNER ADAPTOR
6063-T5



32 90° OUTSIDE CORNER PRESSURE PLATE
6063-T5



33 90° OUTSIDE CORNER ADAPTOR
6063-T5



34 90° OUTSIDE CORNER PRESSURE PLATE
6063-T5



YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

COMPONENTS & BILL OF MATERIALS

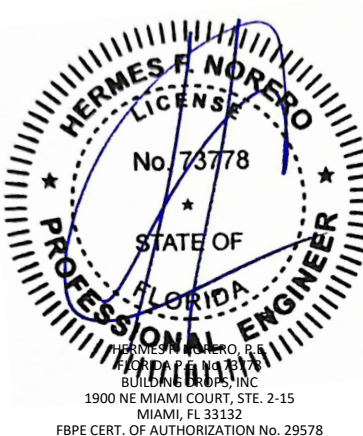
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
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FL #:

FL15921

DATE: 03.23.20

DWG. BY: ER
CHK. BY: HFN

SCALE: NTS

DWG. #: YKK272

SECTION: 8.3

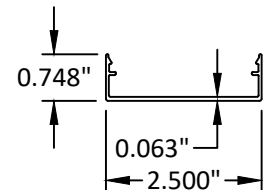
REV. B

8.3

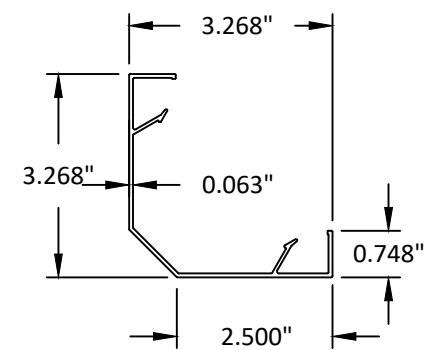
[Page 37 of 39]

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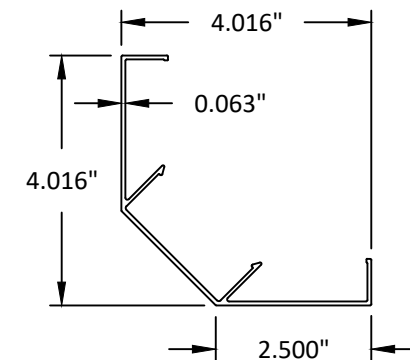
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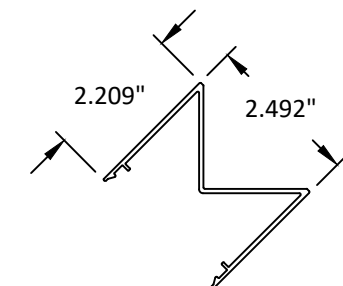
35 3/4" FACE COVER
6063-T5



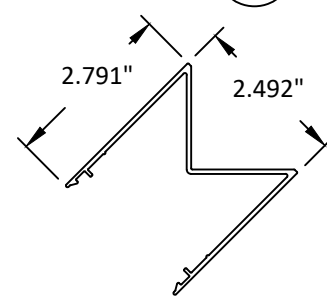
39 90 ° OUTSIDE CORNER FACE COVER
6063-T5



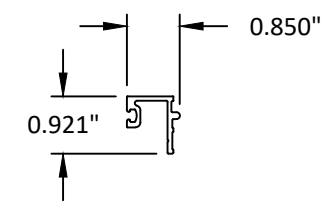
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6063-T5



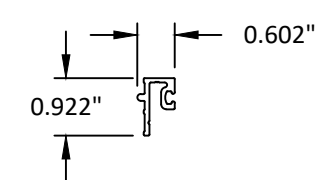
41 90 ° OUTSIDE CORNER INT. COVER
6063-T5



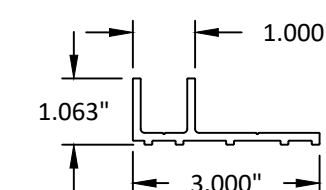
42 90 ° OUTSIDE CORNER INT. COVER
6063-T5



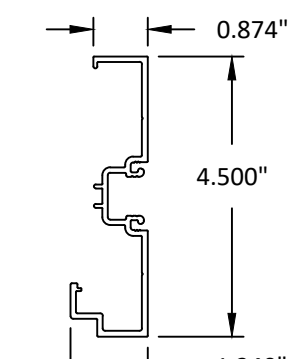
43 GLAZING ADAPTOR
6063-T5



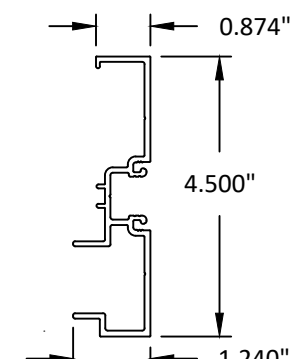
44 GLAZING ADAPTOR
6063-T5



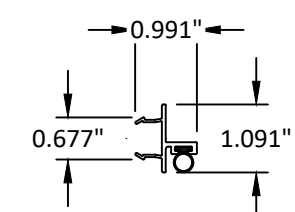
47 PERIMETER ANCHOR
6063-T5



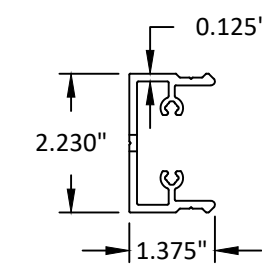
50 DOOR JAMB
6063-T5



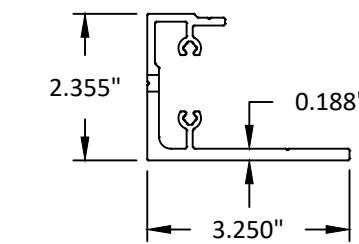
51 DOOR JAMB
6063-T5



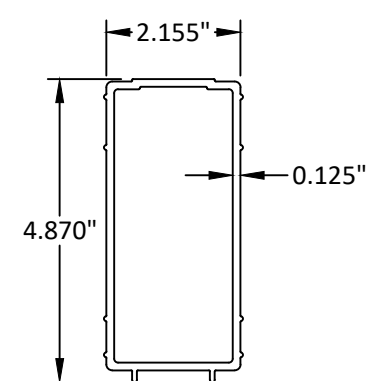
52 DOOR STOP
6063-T5



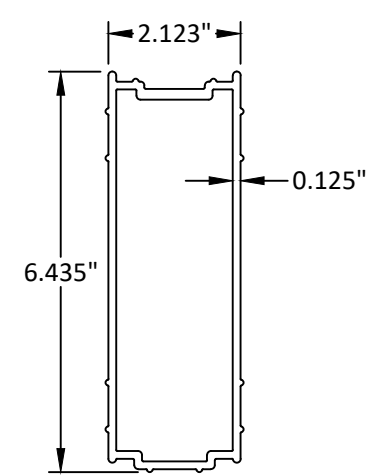
55 SHEAR BLOCK
6063-T5



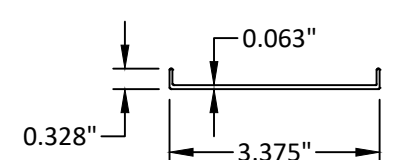
58 "J" ANCHOR
6063-T5



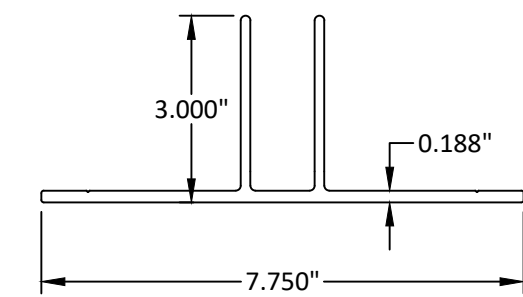
81 MULLION SPLICE SLEEVE
6063-T5



82 MULLION SPLICE SLEEVE
6063-T5



83 FACE COVER SPLICE SLEEVE
6063-T5



84 MULLION "T" ANCHOR
6063-T5



Quality
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YKK AP America Inc
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

COMPONENTS & BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
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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HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15921**

DATE: **03.23.20**

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

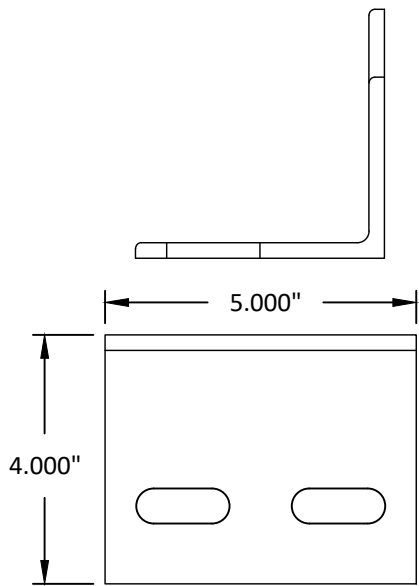
DWG. #: **YKK272**

SECTION:	REV. B
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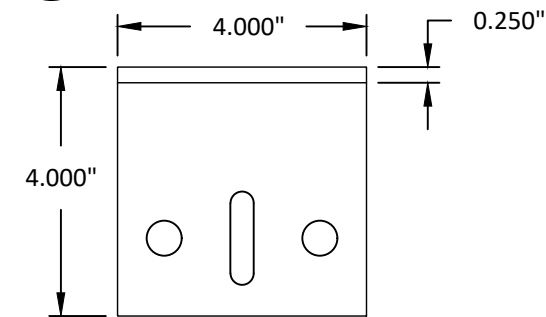
8.4
[Page 38 of 39]

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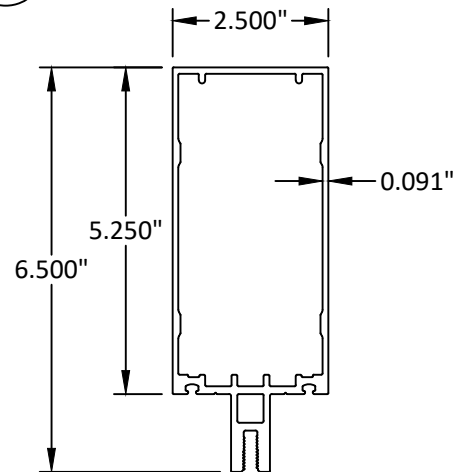
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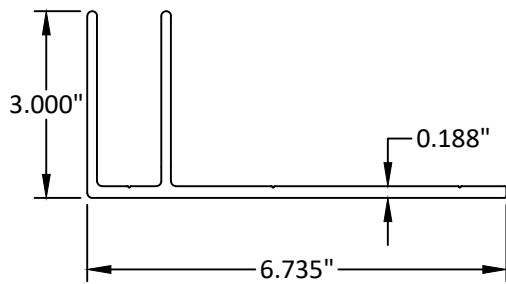
104 WIND LOAD ACHOR
STEEL



105 DEAD LOAD ACHOR
STEEL

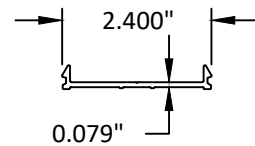


151 DOUBLE HOLLOW MULLION
6063-T6

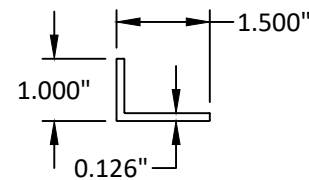


88 MULLION "F" ANCHOR
6063-T5

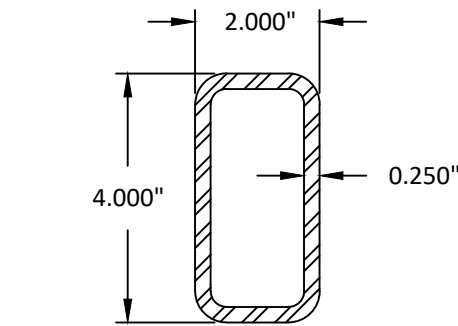
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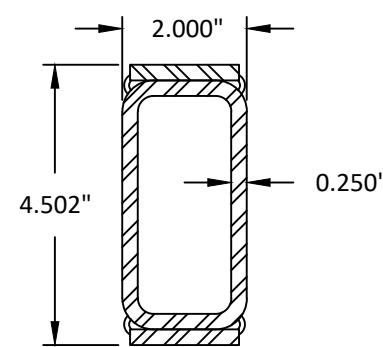
142 90 ° FACE COVER ADAPTOR
STEEL



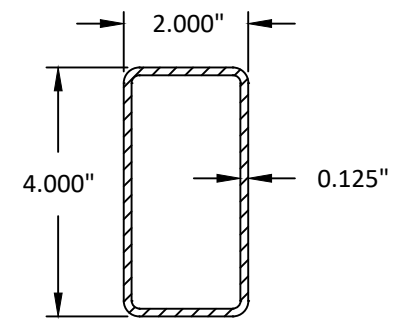
152 1-1/2" X 1" X 1/8" ANGLE
6063-T5



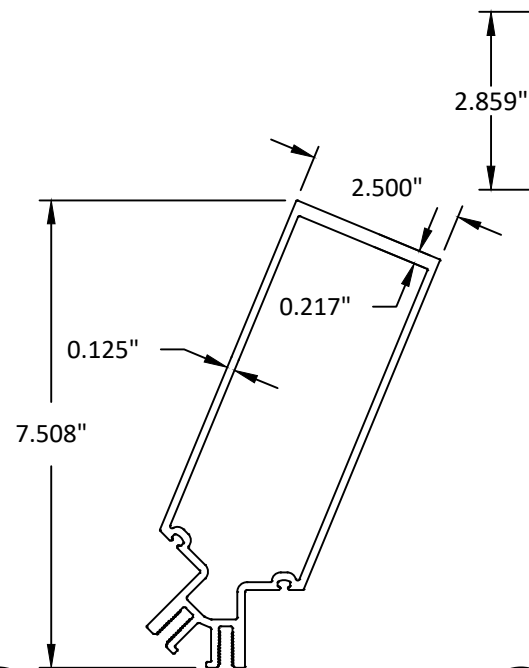
107 STEEL REINFORCEMENT
STEEL



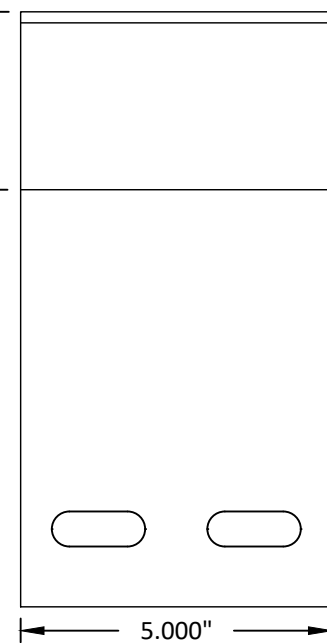
108 STEEL REINFORCEMENT
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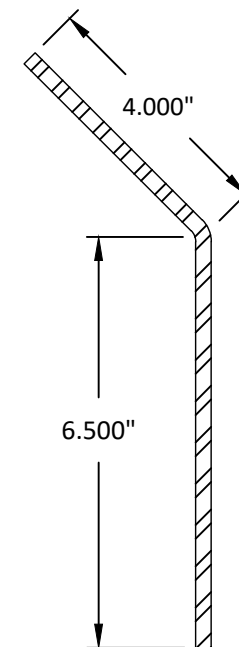
108A STEEL REINFORCEMENT
STEEL



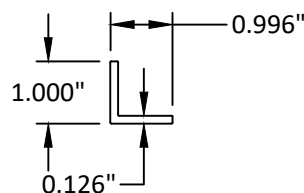
148 135 ° OUTSIDE MULLION
STEEL



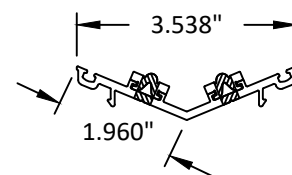
149 90 DEG WIND LOAD ACHOR
STEEL



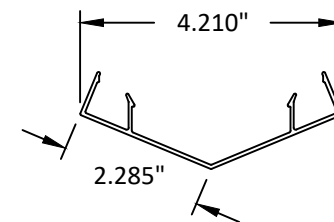
150 90 DEG DEAD LOAD ACHOR
STEEL



153 1" X 1" X 1/8" ANGLE
6063-T5



160 135° CORNER PRESSURE PLATE
6063-T5



161 135° CORNER FACE COVER
6063-T5



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FL #: FL15921

DATE: 03.23.20

DWG. BY: ER
CHK. BY: HFN

SCALE: NTS

DWG. #: YKK272

SECTION: 8.5
REV. B

8.5

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