YKK AP America Inc.

YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

1. SEE SHEET 9 FOR ANCHOR TYPE REQUIREMENTS, MINIMUM EMBEDMENT, AND MINIMUM EDGE DISTANCES. ALL ANCHOR REQUIREMENTS MUST BE ADHERED TO. ANY DEVIATIONS FROM ANCHOR REQUIREMENTS REQUIRES SEPARATE EVALUATION AND APPROVAL.
2. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
3. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
4. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
5. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
7. 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).
8. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
9. 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.
10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
    A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
    B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
    C. MASONRY - CMU UNIT STRENGTH CONFORMS TO ASTM C-90, WITH MIN. COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MIN. GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
    D. STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 12 GA. WALL THICKNESS.
    E. STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 18 GA. WALL THICKNESS WITH 2X WOOD BACKING.
    F. ALUMINUM - MINIMUM 1/8 INCH THICK 6063-T5 ALUMINUM.

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
   - AAMA 501-25
   - ASTM E283-19
   - ASTM E330-14
   - ASTM E331-00(23)
   - TAS 202-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE. SEE SHEETS 3 AND 4 FOR GLAZING DETAILS. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300.
6. STOREFRONT FRAME MATERIAL: ALUMINUM 6063-T5
7. ALL STRUCTURAL MATERIALS & DISSIMILAR 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.

TABLE OF CONTENTS

SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATION
3	GLAZING DETAILS & GLASS LOAD TABLE
4	GLAZING DETAILS
5	MULLION LOAD TABLE
6	REINFORCED MULLION LOAD TABLE
7	CORNER MULLION LOAD TABLE
8	DOOR MULLION LOAD TABLE
9	ANCHOR LAYOUT
10	HEAD ANCHOR TABLE
11	SILL ANCHOR TABLE
12	VERTICAL SECTIONS (IG)
13	VERTICAL SECTIONS (OG & SSG)
14	VERTICAL SECTIONS (DOOR & SLAB)
15	HORIZONTAL SECTIONS (DOOR & OG)
16	HORIZONTAL SECTIONS (IG & SSG)
17	HORIZONTAL SECTIONS (CORNER)
18	BILL OF MATERIALS
19	COMPONENTS (1)
20	COMPONENTS (2)

INSTRUCTIONS FOR USE:

1. DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG, HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
2. SEE CHART ON SHEET 3 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE. GLASS SELECTION SHALL BE IN ACCORDANCE WITH ASTM E1300.
3. CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHART ON SHEETS 5 THRU 8, THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
4. USING CHART ON SHEETS 9 THRU 11 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
5. THE LOWEST VALUE RESULTING FROM STEP 2, 3, AND 4 SHALL APPLY TO ENTIRE SYSTEM.

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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.

Digitally signed by Hermes F. Norero, P.E
Reason: I am approving this document
Date: 2026.07.31 15:46:21 -04'00'

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

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

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

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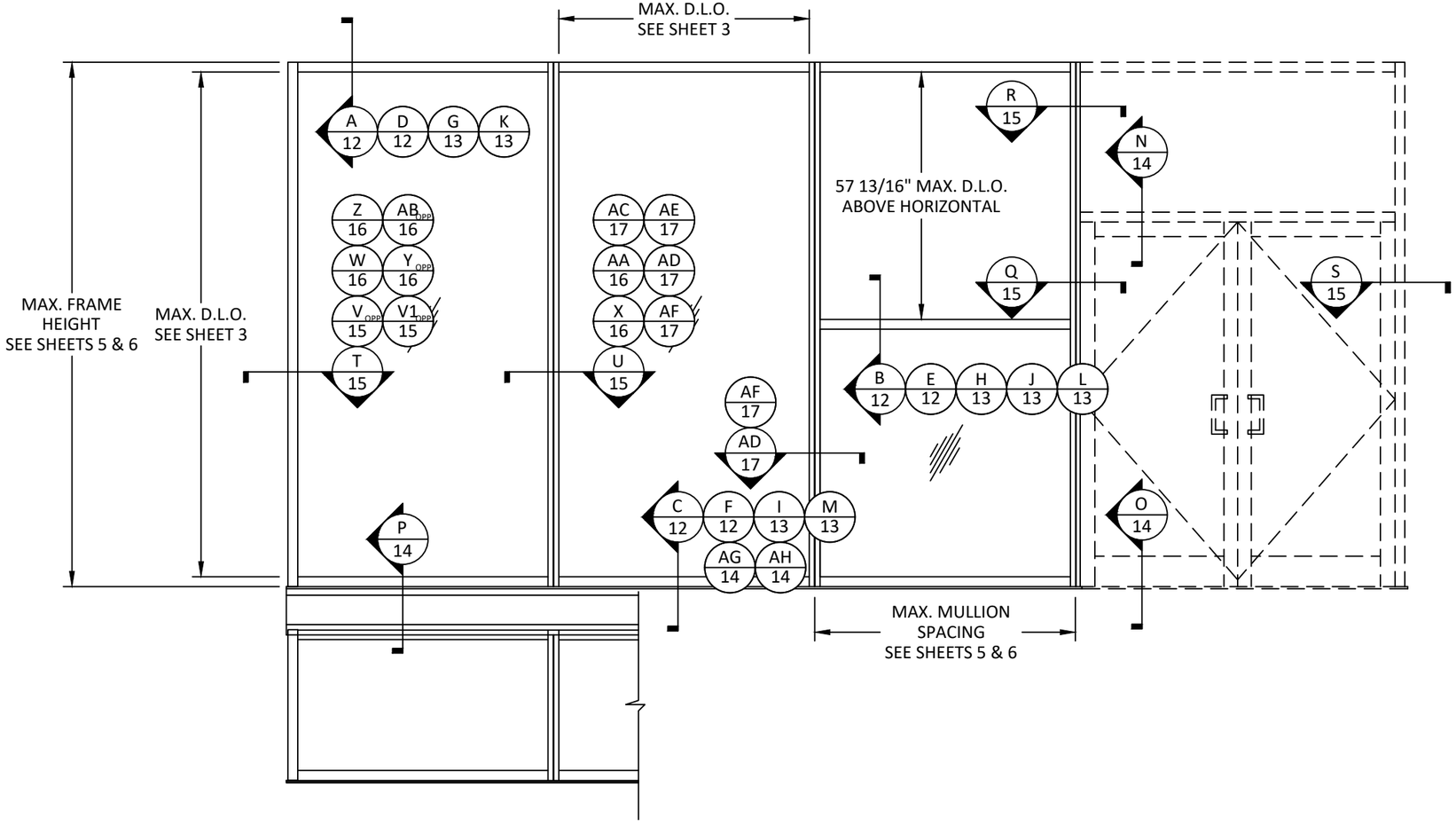

ELEVATION

TYPICAL YWW 50 TU WINDOW WALL

YKK AP AMERICA
101 MARIETTA STREET NW, SUITE 2100
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DWG. #: YKK270

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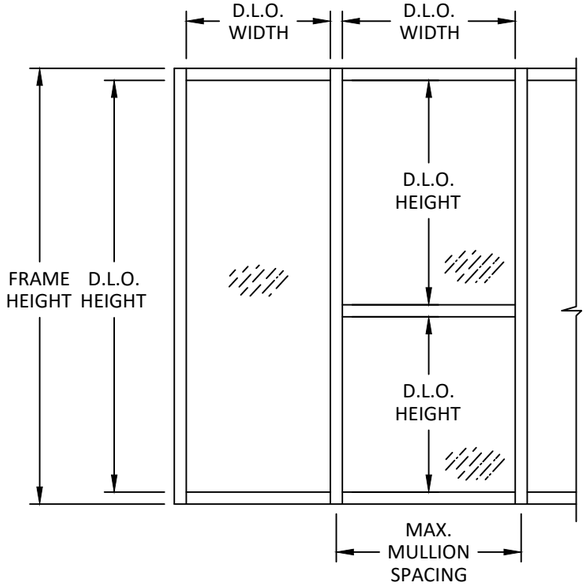
DRY GLAZED SYSTEMS

(NON-IMPACT)

GLASS LOAD CAPACITY (PSF)			
NOMINAL D.L.O. SIZE (IN.)		IG/OG	SSG
WIDTH	HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30.125	66.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
66.125		42.7	42.7
72.125		45.0	45.0
30.125	72.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
66.125		40.7	40.8
72.125		38.8	38.9
30.125	78.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
66.125		40.7	40.8
72.125		37.2	37.2
30.125	84.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
66.125		40.7	40.8
72.125		37.2	37.2
30.125	90.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
66.125		40.7	40.8
72.125		37.2	37.2
30.125	96.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
66.125		40.7	40.8
72.125		37.2	37.2

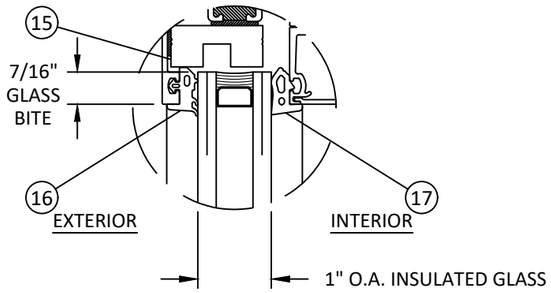
GLASS LOAD CAPACITY (PSF)			
NOMINAL D.L.O. SIZE (IN.)		IG/OG	SSG
WIDTH	HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30.125	102.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
66.125		40.7	40.8
69.125		38.8	38.9
30.125	108.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
65.125		41.3	41.4
30.125	114.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	45.0
30.125	120.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		30.0	45.0
30.125	126.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
30.125	132.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
30.125	138.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
30.125	144.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0



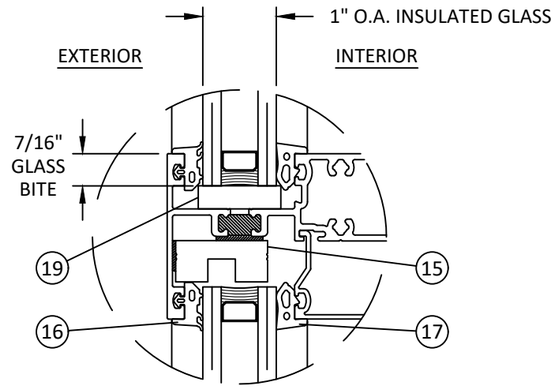
DAYLITE OPENING DIMENSIONS:
DAYLITE OPENING WIDTH:
- MAX. MULLION SPACING - 2.5"

DAYLITE OPENING HEIGHT:
- FRAME HEIGHT - 4.5"

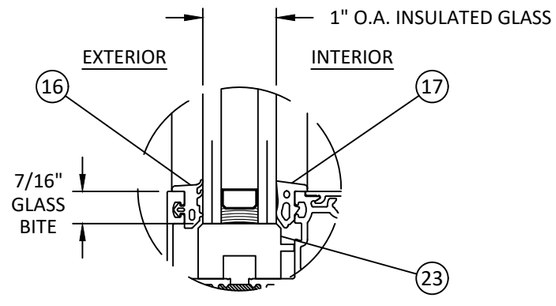
GLAZING NOTES:
1. GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN GLASS CHARTS.



GLAZING DETAIL 1
TYPICAL AT HEAD FOR INSIDE GLAZED (IG) SYSTEMS



GLAZING DETAIL 2
TYPICAL AT INTERMEDIATE HORIZONTAL FOR INSIDE GLAZED (IG) SYSTEMS



GLAZING DETAIL 3
TYPICAL AT SILL FOR INSIDE GLAZED (IG) SYSTEMS

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
GLAZING DETAILS & GLASS LOAD TABLE

PREPARED BY:
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REMARKS	BY	DATE
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SILL UPDATES	SH	11.27.24
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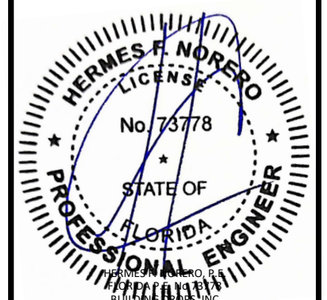

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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

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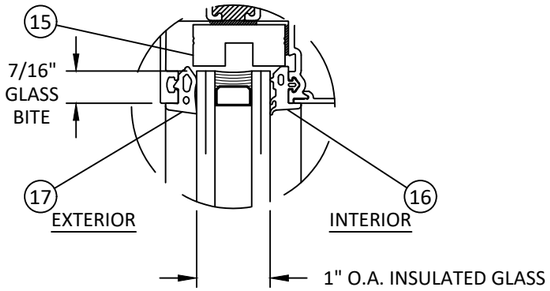
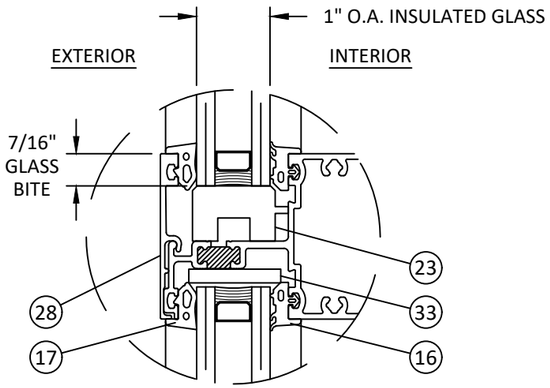


GLAZING DETAIL 4
TYPICAL AT HEAD FOR OUTSIDE GLAZED (OG) SYSTEMS



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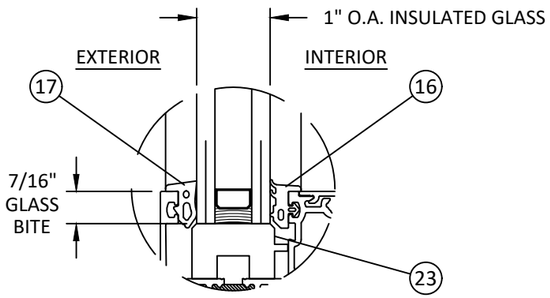
TYPICAL AT INTERMEDIATE HORIZONTAL FOR OUTSIDE GLAZED (OG) SYSTEMS



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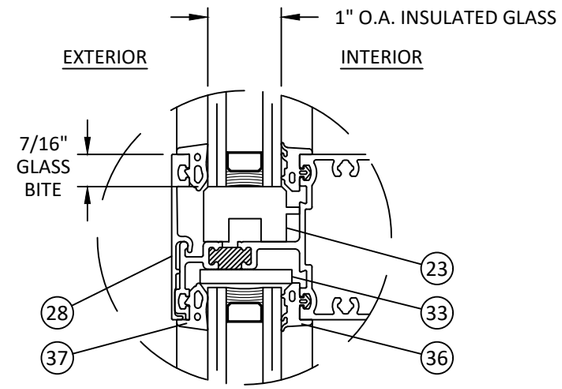
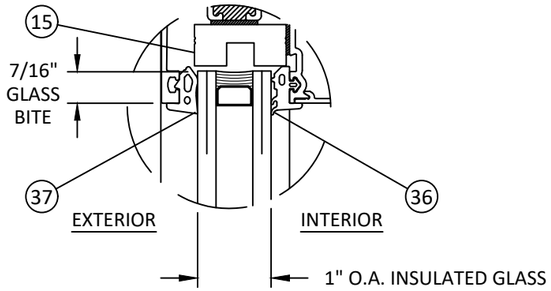
TYPICAL AT SILL FOR OUTSIDE GLAZED (OG) SYSTEMS



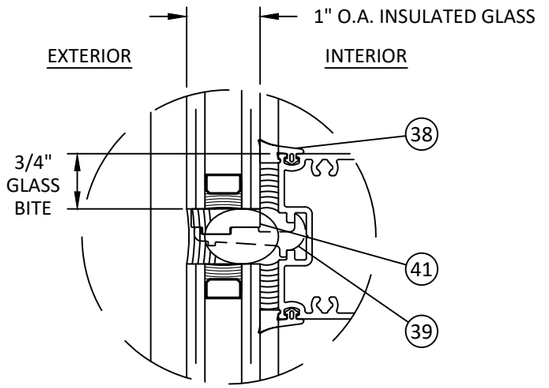
GLAZING DETAIL 7
TYPICAL AT INTERMEDIATE HORIZONTAL FOR CAPTURED SSG SYSTEMS

GLAZING NOTES:
1. GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN GLASS CHARTS.

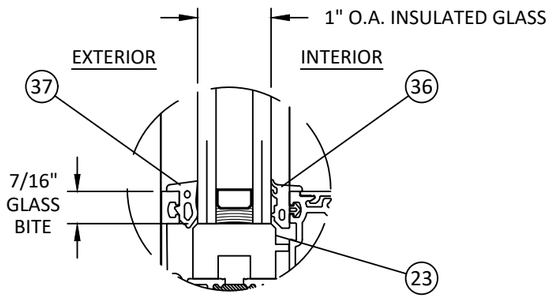
ALUMINUM BOX SPACER:
AROUND THE PERIMETER OF THE GLASS.
PRIMARY SEALANT:
POLYISOBUTYLENE (PIB).
SECONDARY SEALANT:
STRUCTURAL SILICONE INTENDED FOR FABRICATION OF INSULATED GLASS UNITS.



GLAZING DETAIL 8
TYPICAL AT HEAD FOR SSG SYSTEMS



GLAZING DETAIL 9
TYPICAL AT INTERMEDIATE HORIZONTAL FOR SSG SYSTEMS



GLAZING DETAIL 10
TYPICAL AT SILL FOR SSG SYSTEMS

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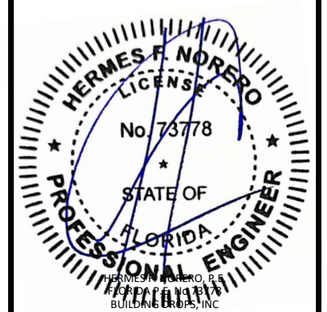
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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.



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

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 4 | REV. C

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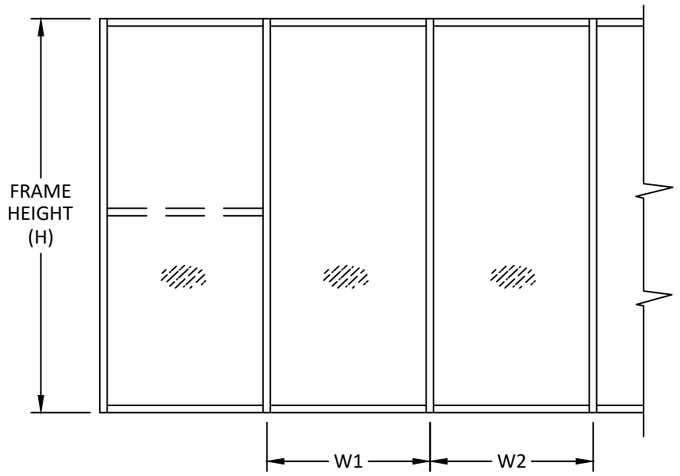
7/24/2026 9:35 AM

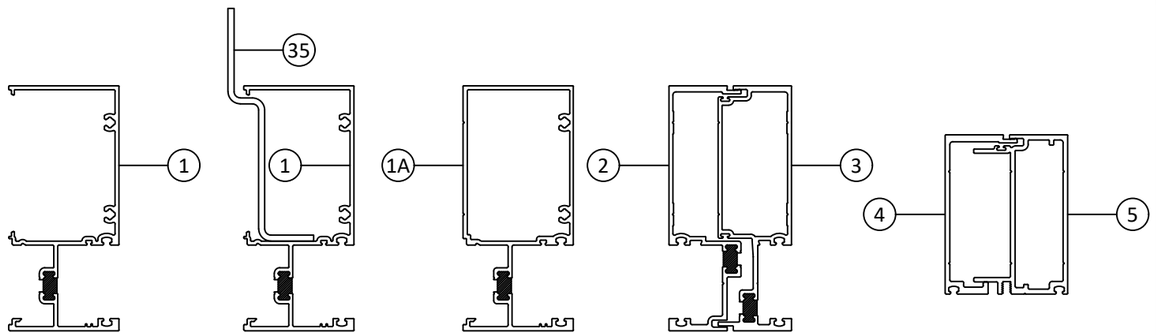
MULLION LOAD TABLE

DESIGN LOAD CAPACITY - PSF						
NOMINAL DIMS.		JAMB 'J1'	JAMB 'J2'	JAMB 'J3'	MULLION 'M1'	MULLION 'M2'
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	66	45.0	45.0	45.0	100.0	45.0
36		45.0	45.0	45.0	100.0	45.0
42		45.0	45.0	45.0	100.0	45.0
48		45.0	45.0	45.0	100.0	45.0
54		45.0	45.0	45.0	90.9	45.0
60		45.0	45.0	45.0	81.8	45.0
66		45.0	45.0	45.0	74.4	45.0
72		45.0	45.0	45.0	68.2	45.0
30	72	45.0	45.0	45.0	100.0	45.0
36		45.0	45.0	45.0	100.0	45.0
42		45.0	45.0	45.0	100.0	45.0
48		45.0	45.0	45.0	93.8	45.0
54		45.0	45.0	45.0	83.3	45.0
60		45.0	45.0	45.0	75.0	45.0
66		45.0	45.0	45.0	68.2	45.0
72		45.0	45.0	45.0	62.5	43.6
30	78	45.0	45.0	45.0	100.0	45.0
36		45.0	45.0	45.0	100.0	45.0
42		45.0	45.0	45.0	98.9	45.0
48		45.0	45.0	45.0	86.5	45.0
54		45.0	45.0	45.0	76.9	45.0
60		45.0	45.0	45.0	69.2	44.6
66		45.0	45.0	45.0	62.9	40.5
72		45.0	45.0	45.0	57.7	37.1
30	84	45.0	45.0	45.0	100.0	45.0
36		45.0	45.0	45.0	100.0	45.0
42		45.0	45.0	45.0	91.8	45.0
48		45.0	45.0	45.0	80.4	45.0
54		45.0	45.0	45.0	71.4	42.7
60		45.0	45.0	45.0	64.3	38.4
66		45.0	45.0	45.0	58.4	34.9
72		45.0	45.0	45.0	53.6	32.0
30	90	45.0	45.0	45.0	100.0	45.0
36		45.0	45.0	45.0	100.0	45.0
42		45.0	45.0	45.0	85.7	45.0
48		45.0	45.0	45.0	75.0	41.8
54		45.0	45.0	45.0	66.7	37.2
60		45.0	45.0	45.0	60.0	33.5
66		45.0	45.0	45.0	54.5	30.4
72		45.0	45.0	45.0	50.0	27.9
30	96	45.0	45.0	45.0	100.0	45.0
36		45.0	45.0	45.0	93.8	45.0
42		45.0	45.0	45.0	80.4	40.3
48		45.0	45.0	45.0	70.3	35.3
54		45.0	45.0	45.0	62.5	31.3
60		45.0	45.0	45.0	56.3	28.2
66		45.0	45.0	45.0	51.1	25.6
72		45.0	45.0	45.0	46.9	23.5

DESIGN LOAD CAPACITY - PSF						
NOMINAL DIMS.		JAMB 'J1'	JAMB 'J2'	JAMB 'J3'	MULLION 'M1'	MULLION 'M2'
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	102	45.0	45.0	45.0	100.0	45.0
36		45.0	45.0	45.0	88.2	39.2
42		45.0	45.0	45.0	75.6	33.6
48		45.0	45.0	45.0	66.2	29.4
54		45.0	45.0	45.0	58.8	26.1
60		45.0	45.0	45.0	52.9	23.5
66		43.5	45.0	45.0	48.1	21.4
30	108	45.0	45.0	45.0	100.0	39.6
36		45.0	45.0	45.0	83.3	33.0
42		45.0	45.0	45.0	71.4	28.3
48		45.0	45.0	45.0	62.5	24.8
54		45.0	45.0	45.0	55.6	22.0
60		42.6	45.0	45.0	50.0	19.8
66		38.8	45.0	45.0	45.5	18.0
30	114	45.0	45.0	45.0	94.7	33.7
36		45.0	45.0	45.0	78.9	28.1
42		45.0	45.0	45.0	67.7	24.1
48		45.0	45.0	45.0	59.2	21.1
54		42.5	45.0	45.0	52.6	18.7
60		38.3	45.0	45.0	47.4	16.8
30	120	45.0	45.0	45.0	90.0	28.9
36		45.0	45.0	45.0	75.0	24.1
42		45.0	45.0	45.0	64.3	20.6
48		43.2	45.0	45.0	56.3	18.1
54		38.4	45.0	45.0	50.0	16.0
60		34.5	45.0	40.7	45.0	14.4
30	126	45.0	45.0	45.0	77.7	45.0
36		45.0	45.0	45.0	64.8	41.6
42		44.7	45.0	45.0	55.5	35.6
48		39.2	45.0	45.0	48.6	31.2
54		34.8	45.0	41.0	43.2	27.7
30	132	45.0	45.0	45.0	67.6	43.4
36		45.0	45.0	45.0	56.3	36.2
42		40.8	45.0	45.0	48.3	31.0
48		35.7	45.0	42.1	42.3	27.1
30	140	45.0	45.0	45.0	59.2	38.0
36		43.5	45.0	45.0	49.3	31.7
42		37.3	45.0	44.0	42.3	27.1
48		32.6	45.0	38.5	37.0	23.7
30	144	45.0	45.0	45.0	52.1	33.4
36		40.0	45.0	45.0	43.4	27.9
42		34.3	45.0	40.4	37.2	23.9
48		30.0	45.0	35.4	32.6	20.9



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



JAMB - 'J1' | JAMB W/ ANCHOR - 'J2' | JAMB - 'J3' | MULLION - 'M1' | MULLION - 'M2'

NOTE: TYPE 'M1' IS APPLIED TO IG/OG, 'M2' IS APPLIED TO SSG.

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
MULLION LOAD TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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.

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

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

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 5 | REV. C

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7/24/2026 9:35 AM

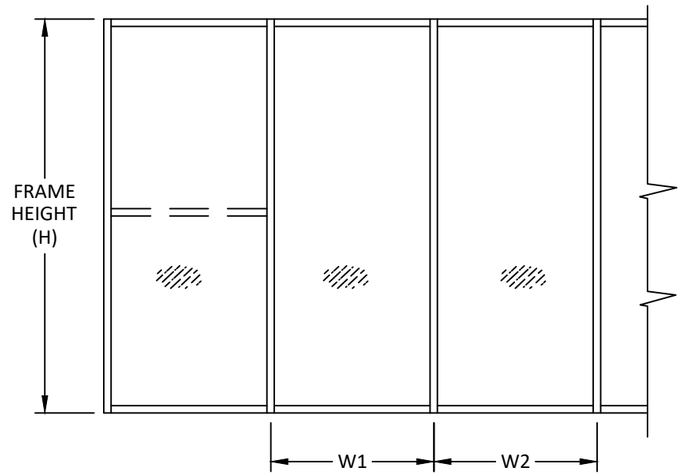
REINFORCED MULLION LOAD TABLE

WITH STEEL

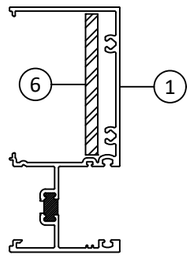
DESIGN LOAD CAPACITY - PSF								
NOMINAL DIMS.		JAMB 'J4'	JAMB 'J5'	JAMB 'J6'	JAMB 'J7'	JAMB 'J8'	MULLION 'M3'	MULLION 'M4'
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36		100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		100.0	100.0	100.0	100.0	100.0	100.0	100.0
72		100.0	100.0	100.0	100.0	100.0	100.0	100.0
30	72	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36		100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		100.0	100.0	100.0	100.0	100.0	100.0	100.0
72		100.0	100.0	100.0	100.0	100.0	100.0	100.0
30	78	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36		100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		100.0	100.0	100.0	100.0	100.0	100.0	100.0
60		100.0	100.0	100.0	100.0	100.0	100.0	100.0
66		100.0	100.0	100.0	100.0	100.0	100.0	93.6
72		100.0	100.0	100.0	100.0	100.0	100.0	85.8
30	84	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36		100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		100.0	100.0	100.0	100.0	100.0	100.0	100.0
54		100.0	100.0	100.0	100.0	100.0	100.0	98.7
60		100.0	100.0	100.0	100.0	100.0	100.0	88.8
66		100.0	100.0	100.0	100.0	100.0	100.0	80.7
72		100.0	100.0	100.0	100.0	100.0	100.0	74.0
30	90	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36		100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		100.0	100.0	100.0	100.0	100.0	100.0	100.0
48		100.0	100.0	100.0	100.0	100.0	100.0	96.7
54		100.0	100.0	100.0	100.0	100.0	100.0	85.9
60		100.0	100.0	100.0	100.0	100.0	100.0	77.3
66		100.0	100.0	100.0	100.0	100.0	100.0	70.3
72		100.0	100.0	100.0	100.0	100.0	100.0	64.5
30	96	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36		100.0	100.0	100.0	100.0	100.0	100.0	100.0
42		100.0	100.0	100.0	100.0	100.0	100.0	97.1
48		100.0	100.0	100.0	100.0	100.0	100.0	85.0
54		100.0	100.0	100.0	100.0	100.0	100.0	75.5
60		100.0	100.0	100.0	100.0	100.0	99.8	68.0
66		100.0	100.0	100.0	100.0	100.0	90.7	61.8
72		100.0	100.0	100.0	100.0	100.0	83.2	56.6
30	102	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36		100.0	100.0	100.0	100.0	100.0	100.0	95.8
42		100.0	100.0	100.0	100.0	100.0	100.0	82.1
48		100.0	100.0	100.0	100.0	100.0	100.0	71.8
54		100.0	100.0	100.0	100.0	100.0	92.5	63.9
60		100.0	100.0	100.0	100.0	100.0	83.2	57.5
66		94.2	97.7	97.9	100.0	100.0	75.6	52.3

DESIGN LOAD CAPACITY - PSF								
NOMINAL DIMS.		JAMB 'J4'	JAMB 'J5'	JAMB 'J6'	JAMB 'J7'	JAMB 'J8'	MULLION 'M3'	MULLION 'M4'
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	108	100.0	100.0	100.0	100.0	100.0	100.0	96.8
36		100.0	100.0	100.0	100.0	100.0	100.0	80.7
42		100.0	100.0	100.0	100.0	100.0	100.0	69.2
48		100.0	100.0	100.0	100.0	100.0	87.6	60.5
54		97.0	100.0	100.0	100.0	100.0	77.9	53.8
60		87.3	90.5	90.7	93.9	100.0	70.1	48.4
66		79.4	82.3	82.5	85.4	100.0	63.7	44.0
30	114	100.0	100.0	100.0	100.0	100.0	100.0	82.3
36		100.0	100.0	100.0	100.0	100.0	99.3	68.6
42		100.0	100.0	100.0	100.0	100.0	85.2	58.8
48		92.8	96.2	96.4	99.8	100.0	74.5	51.5
54		82.5	85.5	85.7	88.7	100.0	66.2	45.7
60		74.3	77.0	77.1	79.8	100.0	59.6	41.2
30	120	100.0	100.0	100.0	100.0	100.0	100.0	70.6
36		100.0	100.0	100.0	100.0	100.0	85.2	58.8
42		91.0	94.3	94.5	97.8	100.0	73.0	50.4
48		79.6	82.5	82.7	85.6	100.0	63.9	44.1
54		70.7	73.3	73.5	76.1	100.0	56.8	39.2
60		63.7	66.0	66.1	68.5	100.0	51.1	35.3
30	126	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36		91.7	95.0	95.2	98.6	100.0	100.0	100.0
42		78.6	81.4	81.6	84.5	100.0	100.0	87.1
48		68.7	71.3	71.4	73.9	100.0	100.0	76.2
54		61.1	63.3	63.5	65.7	100.0	98.1	67.8
30	132	95.7	99.2	99.4	100.0	100.0	100.0	100.0
36		79.7	82.6	82.8	85.7	100.0	100.0	88.4
42		68.3	70.8	71.0	73.5	100.0	100.0	75.8
48		59.8	62.0	62.1	64.3	100.0	96.0	66.3
30	140	83.7	86.8	87.0	90.0	100.0	100.0	92.8
36		69.8	72.3	72.5	75.0	100.0	100.0	77.4
42		59.8	62.0	62.1	64.3	100.0	96.0	66.3
48		52.3	54.2	54.4	56.3	100.0	84.0	58.0
30	144	73.7	76.4	76.5	79.2	100.0	100.0	81.7
36		61.4	63.6	63.8	66.0	100.0	98.6	68.1
42		52.6	54.6	54.7	56.6	100.0	84.5	58.4
48		46.1	47.7	47.8	49.5	100.0	73.9	51.1

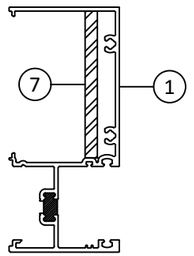
NOTE: TYPE 'M3' IS APPLIED TO IG/OG, 'M4' IS APPLIED TO SSG.



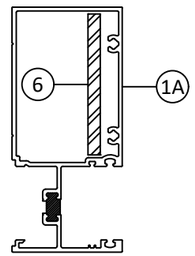
$$WIDTH\ (W) = \frac{W1 + W2}{2}$$



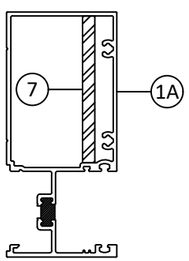
JAMB W/ STEEL - 'J4'



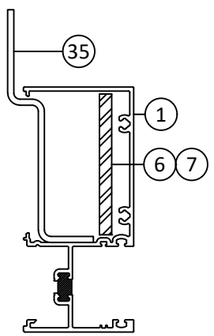
JAMB W/ STEEL - 'J5'



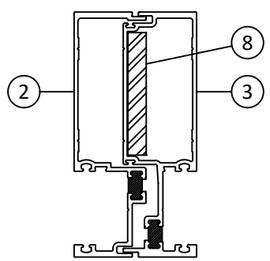
JAMB W/ STEEL - 'J6'



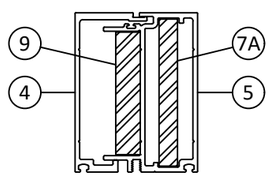
JAMB W/ STEEL - 'J7'



JAMB W/ ANCHOR & STEEL - 'J8'



MULLION W/ STEEL - 'M3'



MULLION W/ STEEL - 'M4'

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
REINFORCED MULLION LOAD TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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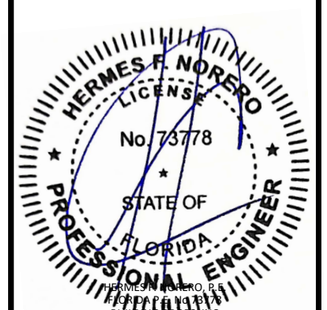

HERMES F. NORERO, P.E.
FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 6 | REV. C

OF 20

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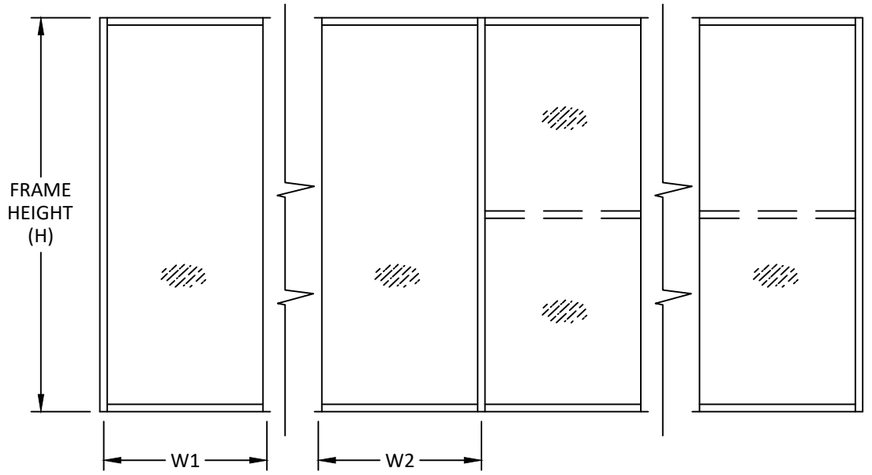
CORNER MULLION LOAD TABLE

WITH STEEL

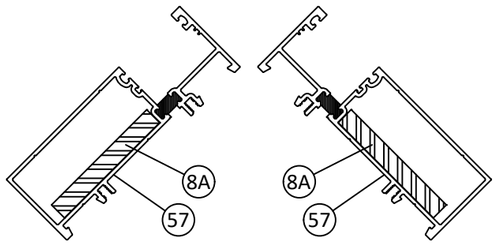
DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		90 DEGREE MULLION	135 DEGREE MULLION
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	66	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54		100.0	100.0
60		100.0	100.0
66		100.0	100.0
72		100.0	100.0
30	72	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54		100.0	100.0
60		100.0	100.0
66		100.0	100.0
72		100.0	100.0
30	78	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54		100.0	100.0
60		100.0	100.0
66		100.0	100.0
72		100.0	100.0
30	84	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54		100.0	100.0
60		100.0	100.0
66		95.3	100.0
72		87.4	100.0
30	90	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54		94.7	100.0
60		85.2	100.0
66		77.5	100.0
72		71.0	100.0
30	96	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		87.8	100.0
54		78.0	100.0
60		70.2	100.0
66		63.9	100.0
72		58.5	96.2

DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		90 DEGREE MULLION	135 DEGREE MULLION
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	102	100.0	100.0
36		97.6	100.0
42		83.7	100.0
48		73.2	100.0
54		65.1	100.0
60		58.6	96.3
66		53.2	87.5
30	108	98.7	100.0
36		82.2	100.0
42		70.5	100.0
48		61.7	100.0
54		54.8	90.1
60		49.3	81.1
66		44.8	73.7
30	114	83.9	100.0
36		69.9	100.0
42		59.9	98.5
48		52.4	86.2
54		46.6	76.6
60		41.9	68.9
30	120	71.9	100.0
36		59.9	98.5
42		51.4	84.4
48		45.0	73.9
54		40.0	65.7
60		36.0	59.1
30	126	62.1	59.1
36		51.8	100.0
42		44.4	85.1
48		38.8	72.9
54		34.5	63.8
30	132	54.0	56.7
36		45.0	88.8
42		38.6	74.0
48		33.8	63.4
30	138	47.3	55.5
36		39.4	77.7
42		33.8	64.8
48		29.6	55.5
30	144	41.6	48.6
36		34.7	68.4
42		29.7	57.0
48		26.0	48.9

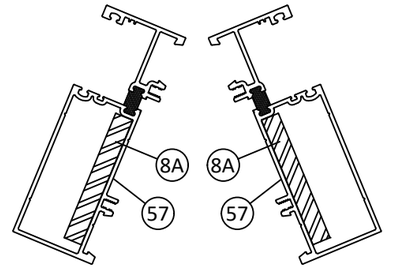
NOTE: SEE SHEET 17 FOR DETAILS OF CORNER MULLIONS



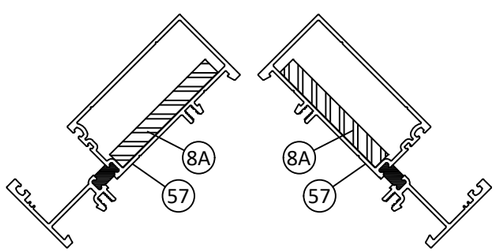
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



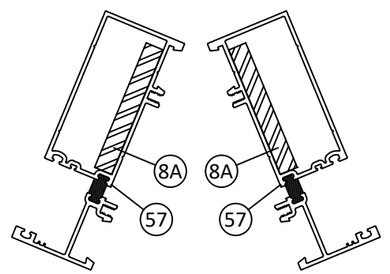
90 DEGREE INSIDE CORNER MULLION WITH STEEL



135 DEGREE INSIDE CORNER MULLION WITH STEEL



90 DEGREE OUTSIDE CORNER MULLION WITH STEEL



135 DEGREE OUTSIDE CORNER MULLION WITH STEEL

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
CORNER MULLION LOAD TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
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HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 7 | REV. C

OF 20

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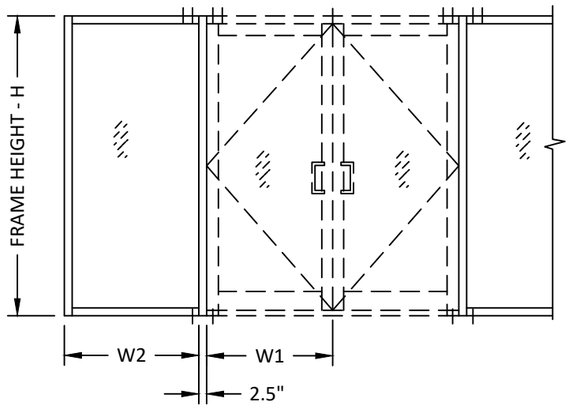
DOOR MULLION LOAD TABLE

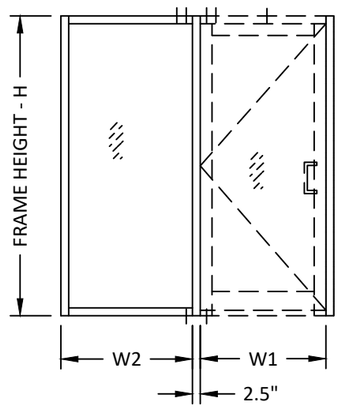
DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		MULLION 'M1'	MULLION 'M3'
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	66	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54		45.0	100.0
60		45.0	100.0
66		45.0	100.0
72		45.0	100.0
30	72	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54		45.0	100.0
60		45.0	100.0
66		45.0	100.0
72		45.0	100.0
30	78	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54		45.0	100.0
60		45.0	100.0
66		45.0	100.0
72		45.0	100.0
30	84	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54		45.0	100.0
60		45.0	100.0
66		45.0	100.0
72		45.0	100.0
30	90	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54		45.0	100.0
60		45.0	100.0
66		45.0	100.0
72		45.0	100.0
30	96	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54		45.0	100.0
60		45.0	99.8
66		45.0	90.7
72		43.6	83.2

DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		MULLION 'M1'	MULLION 'M3'
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	102	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54		45.0	92.5
60		45.0	83.2
66		42.2	75.6
30	108	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	87.6
54		45.0	77.9
60		41.4	70.1
66		37.6	63.7
30	114	45.0	100.0
36		45.0	99.3
42		45.0	85.2
48		45.0	74.5
54		41.3	66.2
60		37.1	59.6
30	120	45.0	100.0
36		45.0	85.2
42		45.0	73.0
48		41.9	63.9
54		37.2	56.8
60		33.5	51.1
30	126	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54		45.0	98.1
30	132	45.0	100.0
36		45.0	100.0
42		45.0	100.0
48		45.0	96.0
30	140	45.0	100.0
36		45.0	100.0
42		45.0	96.0
48		45.0	84.0
30	144	45.0	100.0
36		45.0	98.6
42		45.0	84.5
48		45.0	73.9

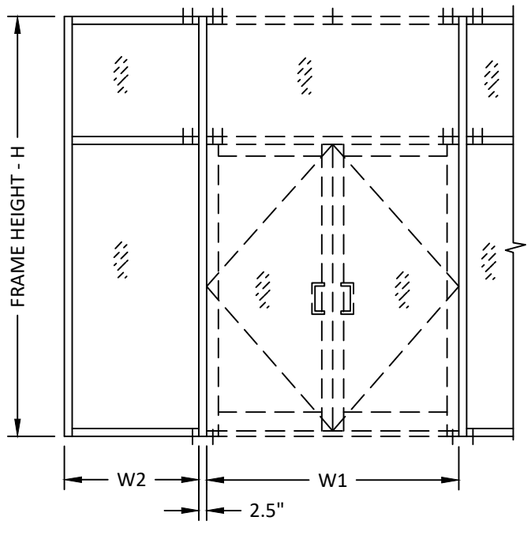
DOUBLE DOOR



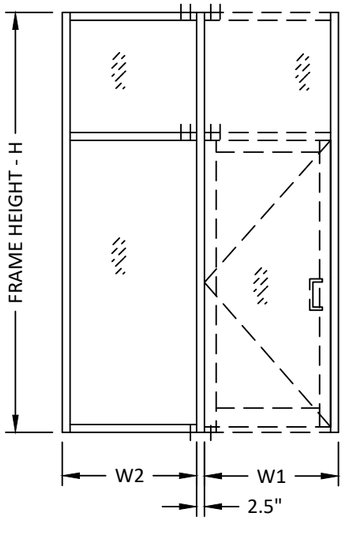
SINGLE DOOR

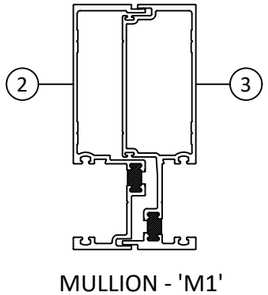


DOUBLE DOOR W/ TRANSOM

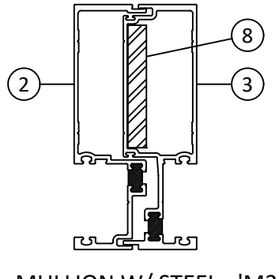


SINGLE DOOR W/ TRANSOM





MULLION - 'M1'



MULLION W/ STEEL - 'M3'

$$\text{WIDTH (W)} = \frac{W1 + W2}{2} + 2.5"$$

ELEVATIONS ABOVE SHOWS NUMBER OF ANCHORS REQUIRED AT HEAD/SILL OF DOOR MULLION FOR VARIOUS CONFIGURATIONS. SEE SHEETS 9 THRU 11 FOR DETAILS.

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
DOOR MULLION LOAD TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 8 | REV. C

OF 20

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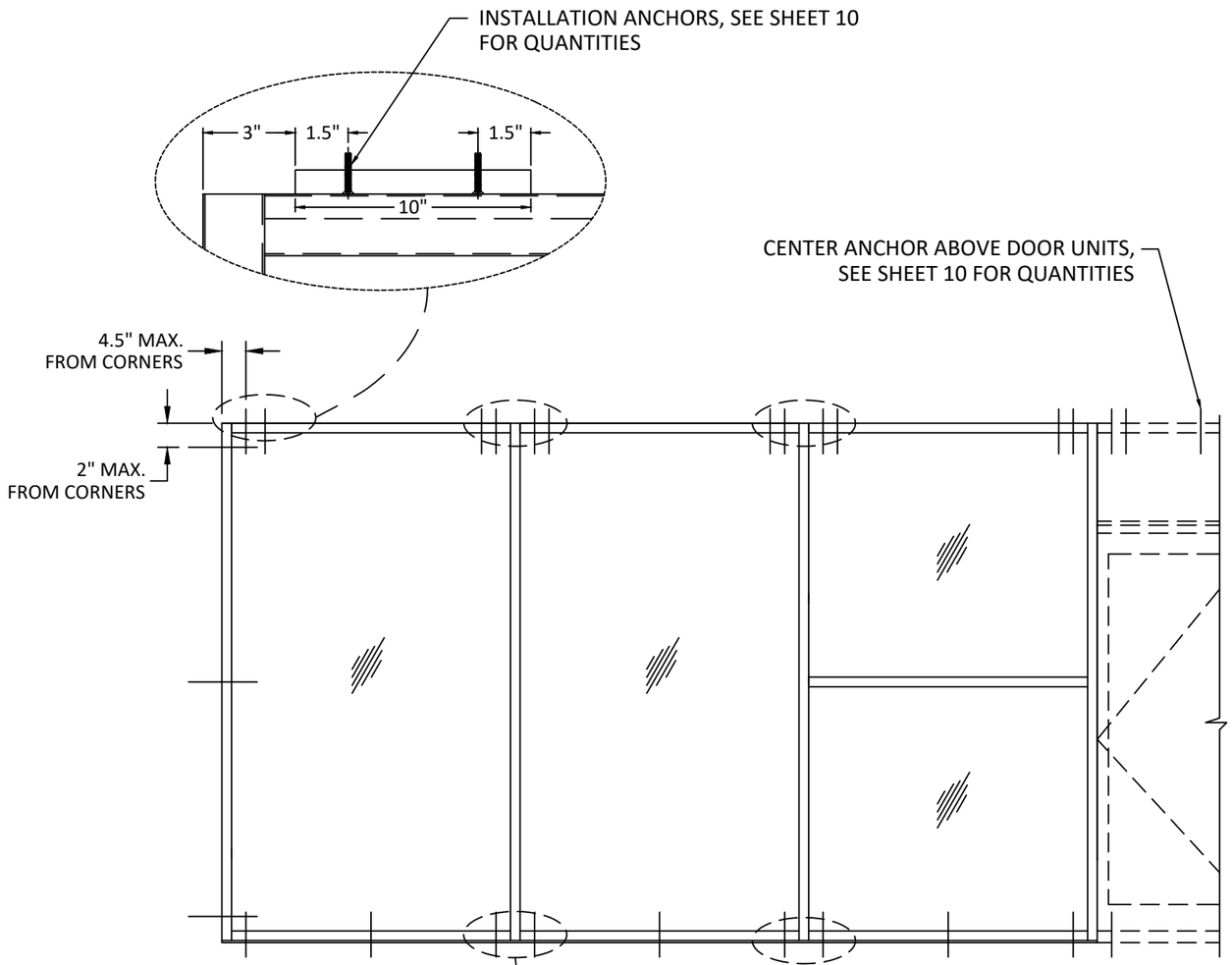
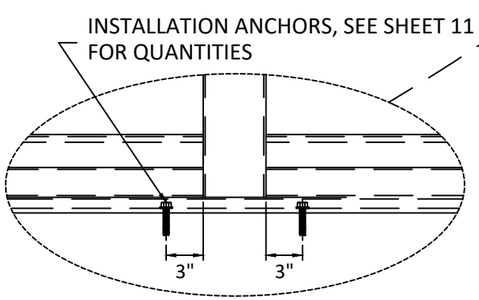
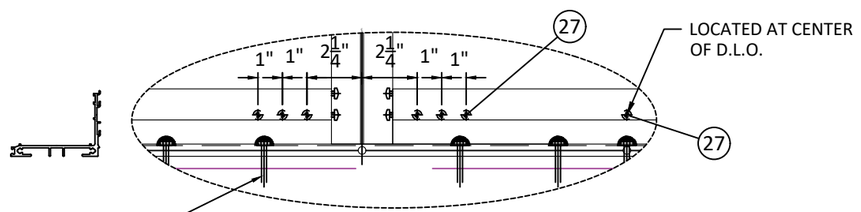




ANCHOR LAYOUT



TYPICAL ANCHORS

TYPE A

#14 WOOD SCREW:
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES (MIN. S.G. = 0.55)
1-1/2" MIN. PENETRATION INTO WOOD

1/4" DIA. TAPCON BY ITW' (Fu= 125 KSI, Fy= 100 KSI)
1/4" DIA. ULTRACON+ BY DEWALT (Fu= 177 KSI, Fy= 155 KSI)
1-3/4" MIN. EMBEDMENT INTO CONC. OR MASONRY

TYPE B

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO FBC APPROVED MULLIONS (MIN. THK = .090")
(NO SHIM SPACE)
INTO METAL STRUCTURES
STEEL : 18 GA.(.048) MIN. (Fy = 33 KSI MIN.)
ALUMINUM : 1/8: THK. MIN. (6063-T5 MIN.)
STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCE
INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 3/4" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMB f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

SEALANTS:
ALL FRAME CORNERS SEALED WITH JOINT SEALANT

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
ANCHOR LAYOUT

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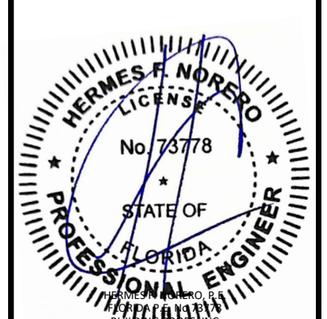

HERMES F. NORIEGA, P.E.
FLORIDA LICENSE No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
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DWG. #: YKK270
SHEET: 9
REV. C
OF 20

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HEAD ANCHOR TABLE

DESIGN LOAD CAPACITY - PSF									
FRAME DIMENSIONS		ANCHOR TYPE A				ANCHOR TYPE B			
WIDTH, 'W' (IN.)	FRAME HEIGHT, 'H' (IN.)	HEAD				HEAD			
		OP. #1	OP. #2	OP. #2A	OP. #2B	OP. #1	OP. #2	OP. #2A	OP. #2B
30	66	100.0	64.1	64.1	96.1	100.0	66.4	66.4	99.5
36		100.0	53.4	53.4	100.0	100.0	55.3	55.3	100.0
42		100.0	45.8	68.6	100.0	100.0	47.4	71.1	100.0
48		100.0	40.0	60.0	100.0	100.0	41.5	62.2	100.0
54		100.0	53.4	53.4	100.0	100.0	55.3	55.3	100.0
60		95.4	48.0	64.1	96.1	100.0	49.8	66.4	99.5
66		86.7	43.7	58.2	100.0	100.0	45.2	60.3	100.0
72		79.5	40.0	53.4	100.0	100.0	41.5	55.3	100.0
30	72	100.0	58.7	58.7	88.1	100.0	60.8	60.8	91.2
36		100.0	48.9	48.9	97.9	100.0	50.7	50.7	100.0
42		100.0	41.9	62.9	100.0	100.0	43.4	65.2	100.0
48		100.0	36.7	55.0	91.7	100.0	38.0	57.0	95.0
54		97.2	48.9	48.9	97.9	100.0	50.7	50.7	100.0
60		87.5	44.0	58.7	88.1	100.0	45.6	60.8	91.2
66		79.5	40.0	53.4	93.4	100.0	41.5	55.3	96.8
72		72.9	36.7	48.9	97.9	100.0	38.0	50.7	100.0
30	78	100.0	54.2	54.2	81.3	100.0	56.1	56.1	84.2
36		100.0	45.2	45.2	90.3	100.0	46.8	46.8	93.6
42		100.0	38.7	58.1	96.8	100.0	40.1	60.2	100.0
48		100.0	33.9	50.8	84.7	100.0	35.1	52.6	87.7
54		89.7	45.2	45.2	90.3	100.0	46.8	46.8	93.6
60		80.7	40.6	54.2	81.3	100.0	42.1	56.1	84.2
66		73.4	37.0	49.3	86.2	100.0	38.3	51.0	89.3
72		67.3	33.9	45.2	90.3	94.0	35.1	46.8	93.6
30	84	100.0	50.3	50.3	75.5	100.0	52.1	52.1	78.2
36		100.0	41.9	41.9	83.9	100.0	43.4	43.4	86.9
42		100.0	35.9	53.9	89.9	100.0	37.2	55.9	93.1
48		93.7	31.5	47.2	78.6	100.0	32.6	48.9	81.5
54		83.3	41.9	41.9	83.9	100.0	43.4	43.4	86.9
60		75.0	37.7	50.3	75.5	100.0	39.1	52.1	78.2
66		68.2	34.3	45.8	80.1	95.2	35.5	47.4	82.9
72		62.5	31.5	41.9	83.9	87.3	32.6	43.4	86.9
30	90	100.0	47.0	47.0	70.5	100.0	48.7	48.7	73.0
36		100.0	39.1	39.1	78.3	100.0	40.6	40.6	81.1
42		100.0	33.6	50.3	83.9	100.0	34.8	52.1	86.9
48		87.5	29.4	44.0	73.4	100.0	30.4	45.6	76.0
54		77.7	39.1	39.1	78.3	100.0	40.6	40.6	81.1
60		70.0	35.2	47.0	70.5	97.8	36.5	48.7	73.0
66		63.6	32.0	42.7	74.7	88.9	33.2	44.2	77.4
72		58.3	29.4	39.1	78.3	81.5	30.4	40.6	81.1
30	96	100.0	44.0	44.0	66.1	100.0	45.6	45.6	68.4
36		100.0	36.7	36.7	73.4	100.0	38.0	38.0	76.0
42		93.7	31.5	47.2	78.6	100.0	32.6	48.9	81.5
48		82.0	27.5	41.3	68.8	100.0	28.5	42.8	71.3
54		72.9	36.7	36.7	73.4	100.0	38.0	38.0	76.0
60		65.6	33.0	44.0	66.1	91.7	34.2	45.6	68.4
66		59.6	30.0	40.0	70.1	83.3	31.1	41.5	72.6

DESIGN LOAD CAPACITY - PSF									
FRAME DIMENSIONS		ANCHOR TYPE A				ANCHOR TYPE B			
WIDTH, 'W' (IN.)	FRAME HEIGHT, 'H' (IN.)	HEAD				HEAD			
		OP. #1	OP. #2	OP. #2A	OP. #2B	OP. #1	OP. #2	OP. #2A	OP. #2B
30	102	100.0	41.4	41.4	62.2	100.0	42.9	42.9	64.4
36		100.0	34.5	34.5	69.1	100.0	35.8	35.8	71.6
42		88.2	29.6	44.4	74.0	100.0	30.7	46.0	76.7
48		77.2	25.9	38.9	64.8	100.0	26.8	40.3	67.1
54		68.6	34.5	34.5	69.1	95.9	35.8	35.8	71.6
60		61.7	31.1	41.4	62.2	86.3	32.2	42.9	64.4
30	108	100.0	39.1	39.1	58.7	100.0	40.6	40.6	60.8
36		97.2	32.6	32.6	65.2	100.0	33.8	33.8	67.6
42		83.3	28.0	41.9	69.9	100.0	29.0	43.4	72.4
48		72.9	24.5	36.7	61.2	100.0	25.3	38.0	63.4
54		64.8	32.6	32.6	65.2	90.5	33.8	33.8	67.6
60		58.3	29.4	39.1	58.7	81.5	30.4	40.6	60.8
30	114	100.0	37.1	37.1	55.6	100.0	38.4	38.4	57.6
36		92.1	30.9	30.9	61.8	100.0	32.0	32.0	64.0
42		78.9	26.5	39.7	66.2	100.0	27.4	41.2	68.6
48		69.1	23.2	34.8	57.9	96.5	24.0	36.0	60.0
54		61.4	30.9	30.9	61.8	85.8	32.0	32.0	64.0
60		55.2	27.8	37.1	55.6	77.2	28.8	38.4	57.6
30	120	100.0	35.2	35.2	52.8	100.0	36.5	36.5	54.7
36		87.5	29.4	29.4	58.7	100.0	30.4	30.4	60.8
42		75.0	25.2	37.7	62.9	100.0	26.1	39.1	65.2
48		65.6	22.0	33.0	55.0	91.7	22.8	34.2	57.0
54		58.3	29.4	29.4	58.7	81.5	30.4	30.4	60.8
60		52.5	26.4	35.2	52.8	73.3	27.4	36.5	54.7
30	126	100.0	33.6	33.6	50.3	100.0	34.8	34.8	52.1
36		83.3	28.0	28.0	55.9	100.0	29.0	29.0	57.9
42		71.4	24.0	35.9	59.9	99.8	24.8	37.2	62.1
48		62.5	21.0	31.5	52.4	87.3	21.7	32.6	54.3
54		55.5	28.0	28.0	55.9	77.6	29.0	29.0	57.9
30	132	95.4	32.0	32.0	48.0	100.0	33.2	33.2	49.8
36		79.5	26.7	26.7	53.4	100.0	27.6	27.6	55.3
42		68.2	22.9	34.3	57.2	95.2	23.7	35.5	59.2
48		59.6	20.0	30.0	50.0	83.3	20.7	31.1	51.8
30	138	91.3	30.6	30.6	46.0	100.0	31.7	31.7	47.6
36		76.1	25.5	25.5	51.1	100.0	26.4	26.4	52.9
42		65.2	21.9	32.8	54.7	91.1	22.7	34.0	56.7
48		57.0	19.1	28.7	47.9	79.7	19.8	29.8	49.6
30	144	87.5	29.4	29.4	44.0	100.0	30.4	30.4	45.6
36		72.9	24.5	24.5	48.9	100.0	25.3	25.3	50.7
42		62.5	21.0	31.5	52.4	87.3	21.7	32.6	54.3
48		54.7	18.3	27.5	45.9	76.4	19.0	28.5	47.5

ANCHOR REQUIREMENTS:

HEAD OPTION #1 (SEE DETAIL A/12, D/12, AND K/13):
10" CHANNEL WITH 2 SCREWS IS LOCATED 3" AWAY FROM EACH SIDE MULLION EDGE, EACH SCREW IS 1.5" FROM THE EDGE OF CHANNEL.

ONE ADDITIONAL ANCHOR IN THE CENTER ABOVE DOOR UNITS.

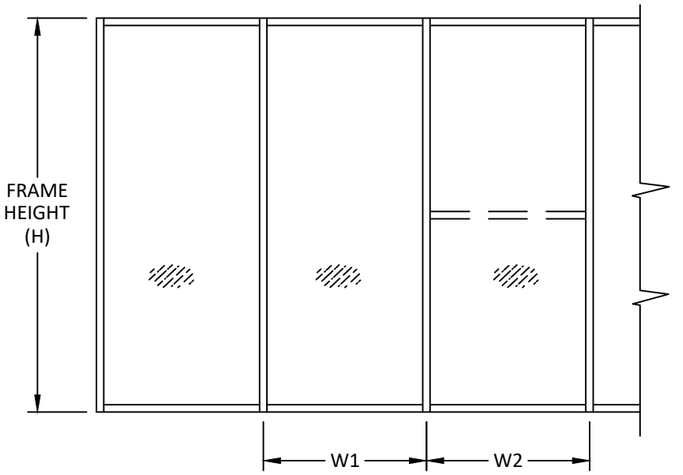
HEAD OPTION #2 (SEE DETAIL G/13):
FOR ANCHOR WITH HEAD RECEPTOR, ANCHORS DISTRIBUTED AT 24" O.C. MAX.

- #2A: 18" O.C. SPACING.
- #2B: 12" O.C. SPACING.

JAMB ANCHOR LOCATION:

1. 2" FROM CORNER (TOP AND BOTTOM)
2. CENTER OF PANEL.

EACH LOCATION HAS TWO TYP. ANCHORS.



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
HEAD ANCHOR TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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.

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

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

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 10 | REV. C

OF 20

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7/24/2026 9:35 AM

SILL ANCHOR TABLE

DESIGN LOAD CAPACITY - PSF								
FRAME DIMENSIONS		ANCHOR TYPE A				ANCHOR TYPE B		
WIDTH, 'W' (IN.)	FRAME HEIGHT, 'H' (IN.)	SILL				SILL		
		2	4	6	8	2	4	6
30	66	65.0	100.0	100.0	100.0	72.3	100.0	100.0
36		54.2	90.3	100.0	100.0	60.2	100.0	100.0
42		46.4	77.4	100.0	100.0	51.6	86.0	100.0
48		40.6	67.7	94.8	100.0	45.2	75.3	100.0
54		36.1	60.2	84.2	100.0	40.1	66.9	93.7
60		32.5	54.2	75.8	97.5	36.1	60.2	84.3
66		29.5	49.2	68.9	88.6	32.8	54.7	76.6
72		27.1	45.1	63.2	81.2	30.1	50.2	70.3
30	72	59.6	99.3	100.0	100.0	66.2	100.0	100.0
36		49.6	82.7	100.0	100.0	55.2	92.0	100.0
42		42.6	70.9	99.3	100.0	47.3	78.9	100.0
48		37.2	62.1	86.9	100.0	41.4	69.0	96.6
54		33.1	55.2	77.2	99.3	36.8	61.3	85.9
60		29.8	49.6	69.5	89.4	33.1	55.2	77.3
66		27.1	45.1	63.2	81.2	30.1	50.2	70.3
72		24.8	41.4	57.9	74.5	27.6	46.0	64.4
30	78	55.0	91.6	100.0	100.0	61.1	100.0	100.0
36		45.8	76.4	100.0	100.0	51.0	84.9	100.0
42		39.3	65.5	91.6	100.0	43.7	72.8	100.0
48		34.4	57.3	80.2	100.0	38.2	63.7	89.2
54		30.5	50.9	71.3	91.6	34.0	56.6	79.3
60		27.5	45.8	64.2	82.5	30.6	51.0	71.3
66		25.0	41.7	58.3	75.0	27.8	46.3	64.9
72		22.9	38.2	53.5	68.7	25.5	42.5	59.4
30	84	51.1	85.1	100.0	100.0	56.8	94.6	100.0
36		42.6	70.9	99.3	100.0	47.3	78.9	100.0
42		36.5	60.8	85.1	100.0	40.6	67.6	94.6
48		31.9	53.2	74.5	95.7	35.5	59.1	82.8
54		28.4	47.3	66.2	85.1	31.5	52.6	73.6
60		25.5	42.6	59.6	76.6	28.4	47.3	66.2
66		23.2	38.7	54.2	69.6	25.8	43.0	60.2
72		21.3	35.5	49.6	63.8	23.7	39.4	55.2
30	90	47.7	79.4	100.0	100.0	53.0	88.3	100.0
36		39.7	66.2	92.7	100.0	44.2	73.6	100.0
42		34.0	56.7	79.4	100.0	37.9	63.1	88.3
48		29.8	49.6	69.5	89.4	33.1	55.2	77.3
54		26.5	44.1	61.8	79.4	29.4	49.1	68.7
60		23.8	39.7	55.6	71.5	26.5	44.2	61.8
66		21.7	36.1	50.5	65.0	24.1	40.1	56.2
72		19.9	33.1	46.3	59.6	22.1	36.8	51.5
30	96	44.7	74.5	100.0	100.0	49.7	82.8	100.0
36		37.2	62.1	86.9	100.0	41.4	69.0	96.6
42		31.9	53.2	74.5	95.7	35.5	59.1	82.8
48		27.9	46.5	65.2	83.8	31.1	51.8	72.5
54		24.8	41.4	57.9	74.5	27.6	46.0	64.4
60		22.3	37.2	52.1	67.0	24.8	41.4	58.0
66		20.3	33.8	47.4	60.9	22.6	37.6	52.7

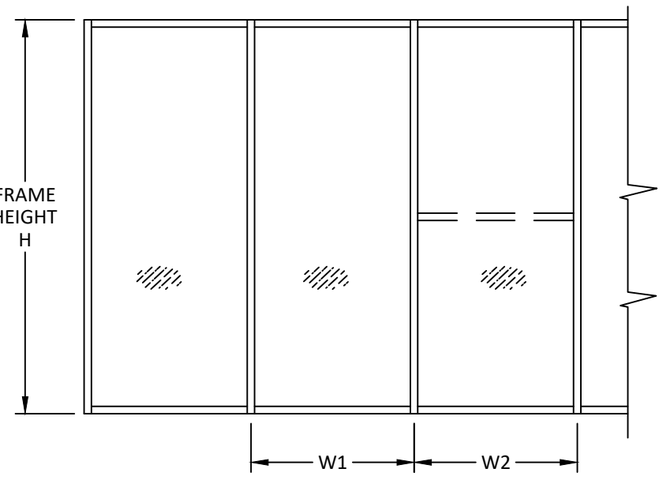
DESIGN LOAD CAPACITY - PSF								
FRAME DIMENSIONS		ANCHOR TYPE A				ANCHOR TYPE B		
WIDTH, 'W' (IN.)	FRAME HEIGHT, 'H' (IN.)	SILL				SILL		
		2	4	6	8	2	4	6
30	102	42.0	70.1	98.1	100.0	46.8	77.9	100.0
36		35.0	58.4	81.8	100.0	39.0	64.9	90.9
42		30.0	50.1	70.1	90.1	33.4	55.7	77.9
48		26.3	43.8	61.3	78.8	29.2	48.7	68.2
54		23.4	38.9	54.5	70.1	26.0	43.3	60.6
60		21.0	35.0	49.1	63.1	23.4	39.0	54.6
30	108	39.7	66.2	92.7	100.0	44.2	73.6	100.0
36		33.1	55.2	77.2	99.3	36.8	61.3	85.9
42		28.4	47.3	66.2	85.1	31.5	52.6	73.6
48		24.8	41.4	57.9	74.5	27.6	46.0	64.4
54		22.1	36.8	51.5	66.2	24.5	40.9	57.2
60		19.9	33.1	46.3	59.6	22.1	36.8	51.5
30	114	37.6	62.7	87.8	100.0	41.8	69.7	97.6
36		31.4	52.3	73.2	94.1	34.9	58.1	81.3
42		26.9	44.8	62.7	80.6	29.9	49.8	69.7
48		23.5	39.2	54.9	70.5	26.1	43.6	61.0
54		20.9	34.8	48.8	62.7	23.2	38.7	54.2
60		18.8	31.4	43.9	56.4	20.9	34.9	48.8
30	120	35.7	59.6	83.4	100.0	39.7	66.2	92.7
36		29.8	49.6	69.5	89.4	33.1	55.2	77.3
42		25.5	42.6	59.6	76.6	28.4	47.3	66.2
48		22.3	37.2	52.1	67.0	24.8	41.4	58.0
54		19.9	33.1	46.3	59.6	22.1	36.8	51.5
60		17.9	29.8	41.7	53.6	19.9	33.1	46.4
30	126	34.0	56.7	79.4	100.0	37.9	63.1	88.3
36		28.4	47.3	66.2	85.1	31.5	52.6	73.6
42		24.3	40.5	56.7	72.9	27.0	45.1	63.1
48		21.3	35.5	49.6	63.8	23.7	39.4	55.2
54		18.9	31.5	44.1	56.7	21.0	35.0	49.1
30	132	32.5	54.2	75.8	97.5	36.1	60.2	84.3
36		27.1	45.1	63.2	81.2	30.1	50.2	70.3
42		23.2	38.7	54.2	69.6	25.8	43.0	60.2
48		20.3	33.8	47.4	60.9	22.6	37.6	52.7
30	138	31.1	51.8	72.5	93.2	34.6	57.6	80.6
36		25.9	43.2	60.4	77.7	28.8	48.0	67.2
42		22.2	37.0	51.8	66.6	24.7	41.1	57.6
48		19.4	32.4	45.3	58.3	21.6	36.0	50.4
30	144	29.8	49.6	69.5	89.4	33.1	55.2	77.3
36		24.8	41.4	57.9	74.5	27.6	46.0	64.4
42		21.3	35.5	49.6	63.8	23.7	39.4	55.2
48		18.6	31.0	43.4	55.8	20.7	34.5	48.3

ANCHOR REQUIREMENTS:

SILL ANCHOR DISTRIBUTION:

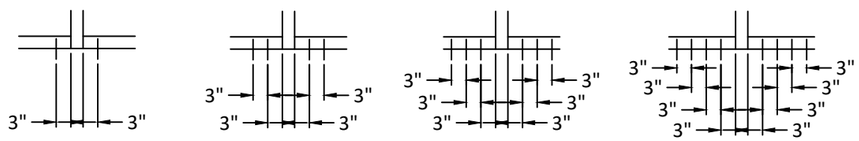
ANCHOR LOCATED 3 INCHES AWAY FROM CORNER. ONE ANCHOR LOCATED IN THE CENTER OF PANEL.

SEE SILL CORNER DETAILS BELOW.



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

SILL DETAILS



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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
SILL ANCHOR TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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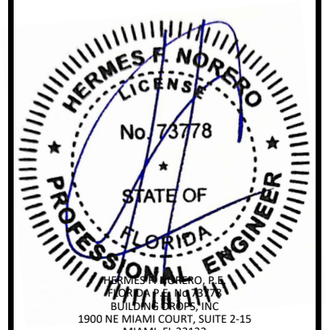

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 11 | REV. C

OF 20

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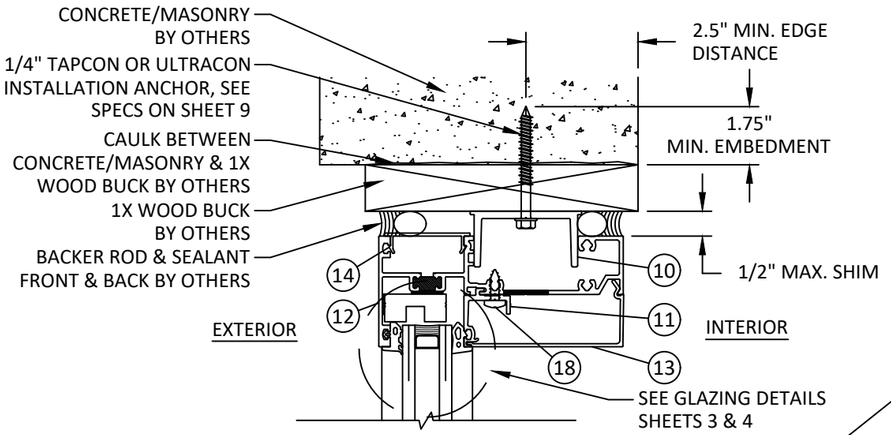
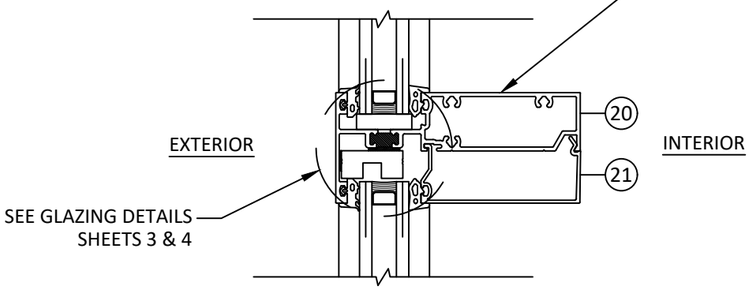


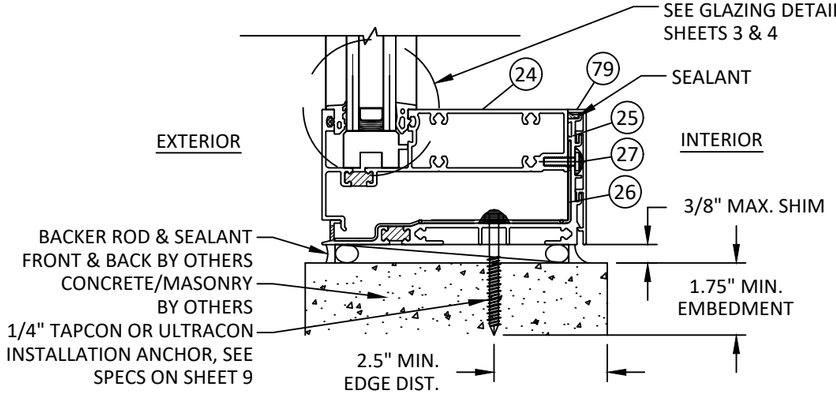
A/12 VERTICAL SECTION

HEAD - CONCRETE/MASONRY W/ 1X BUCK INSIDE GLAZED



B/12 VERTICAL SECTION

HORIZONTAL MEMBER INSIDE GLAZED



C/12 VERTICAL SECTION

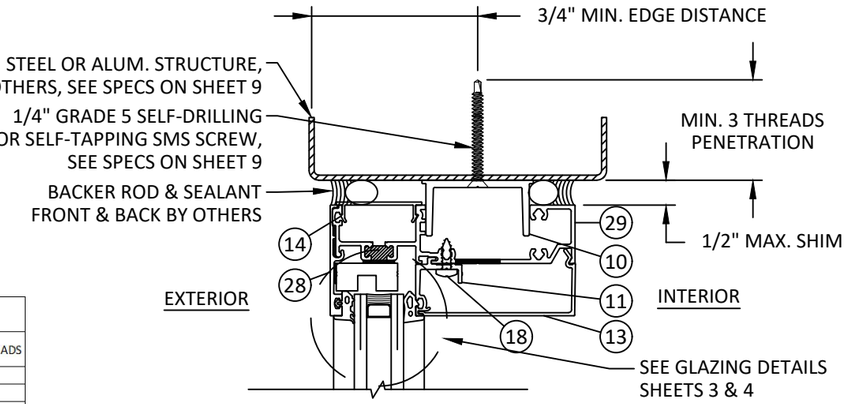
SILL - DIRECT TO CONCRETE/MASONRY INSIDE GLAZED

LIMIT DESIGN LOADS FOR HORIZONTAL AS FOLLOWS		
MAX HORIZ. SPAN	MAX GLASS D.L.O. HEIGHT ABOVE HORIZ.	MAX DESIGN LOADS
52-1/2"	56-15/16"	90 PSF
54-5/8"	56-15/16"	75 PSF
57"	56-15/16"	60 PSF
60"	56-15/16"	45 PSF
54"	62-15/16"	72 PSF
60"	62-15/16"	37 PSF
66"	62-15/16"	16 PSF
54"	68-15/16"	64 PSF
60"	68-15/16"	30 PSF
66"	68-15/16"	9 PSF

DESIGN LOADS SHOWN ABOVE ARE BASED ON MAX. GLASS AREA ABOVE HORIZONTAL

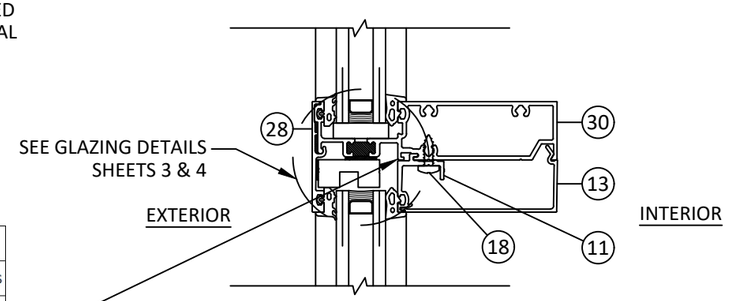
LIMIT DESIGN LOADS FOR HORIZONTAL AS FOLLOWS		
MAX HORIZ. SPAN	MAX GLASS D.L.O. HEIGHT ABOVE HORIZ.	MAX DESIGN LOADS
51-3/8"	56-15/16"	90 PSF
53-5/8"	56-15/16"	75 PSF
56-3/8"	56-15/16"	60 PSF
60"	56-15/16"	45 PSF
54"	62-15/16"	68 PSF
60"	62-15/16"	40 PSF
66"	62-15/16"	22 PSF
54"	68-15/16"	63 PSF
60"	68-15/16"	35 PSF
66"	68-15/16"	18 PSF

DESIGN LOADS SHOWN ABOVE ARE BASED ON MAX. GLASS AREA ABOVE HORIZONTAL



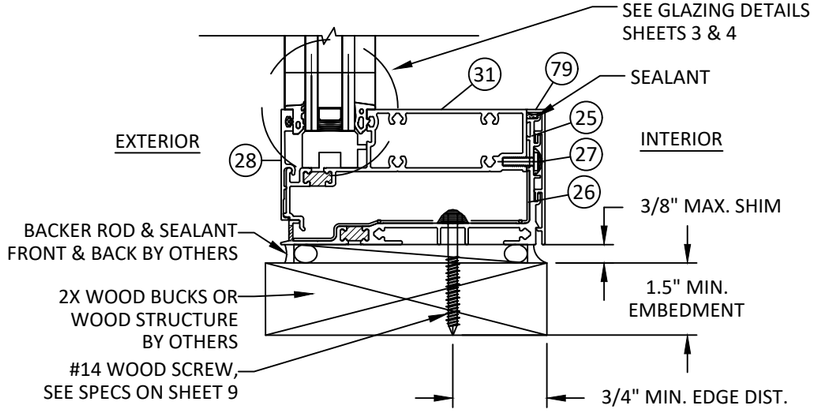
D/12 VERTICAL SECTION

HEAD - METAL SUBSTRATE INSIDE GLAZED (OPTIONAL)



E/12 VERTICAL SECTION

HORIZONTAL MEMBER INSIDE GLAZED (OPTIONAL)



F/12 VERTICAL SECTION

SILL - WOOD FRAMING INSIDE GLAZED (OPTIONAL)

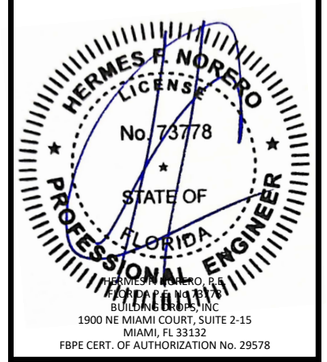
YKK AP AMERICA
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
VERTICAL SECTIONS (IG)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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.



HERMES F. NORIEGA, P.E.
FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 12 | REV. C

OF 20

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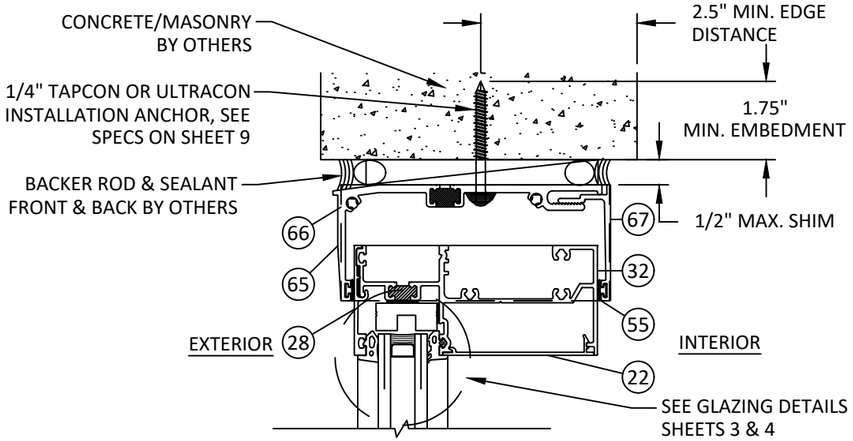
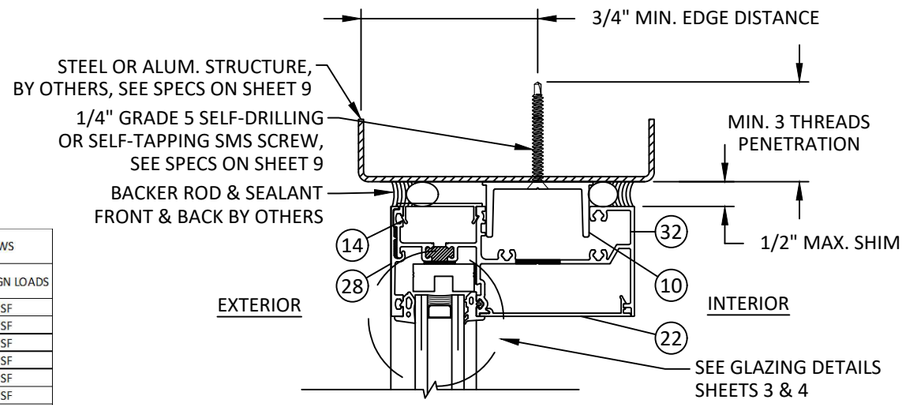


G/13 VERTICAL SECTION

HEAD - OPTIONAL HEAD RECEPTOR
OUTSIDE GLAZED

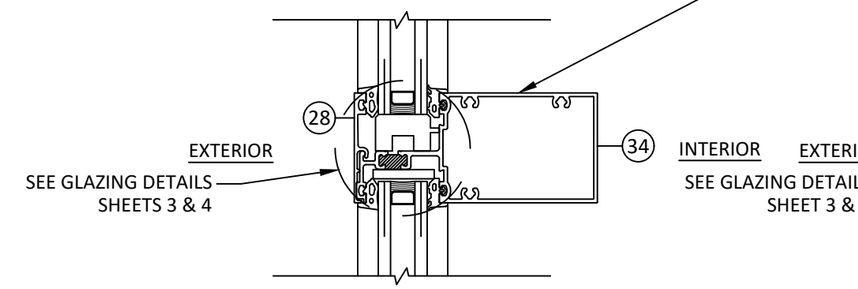
LIMIT DESIGN LOADS FOR HORIZONTAL AS FOLLOWS		
MAX HORIZ. SPAN	MAX GLASS D.L.O. HEIGHT ABOVE HORIZ.	MAX DESIGN LOADS
50-1/8"	56-15/16"	90 PSF
52-5/8"	56-15/16"	75 PSF
55-3/4"	56-15/16"	60 PSF
60"	56-15/16"	45 PSF
54"	62-15/16"	65 PSF
60"	62-15/16"	42 PSF
66"	62-15/16"	27 PSF
54"	68-15/16"	62 PSF
60"	68-15/16"	39 PSF
66"	68-15/16"	25 PSF

DESIGN LOADS SHOWN ABOVE ARE BASED ON MAX. GLASS AREA ABOVE HORIZONTAL



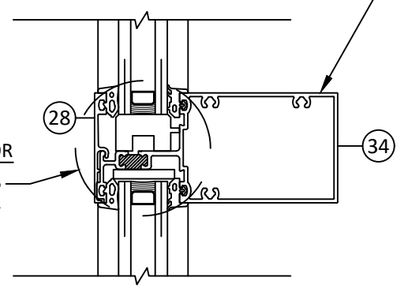
K/13 VERTICAL SECTION

HEAD
STRUCTURAL SILICONE GLAZED



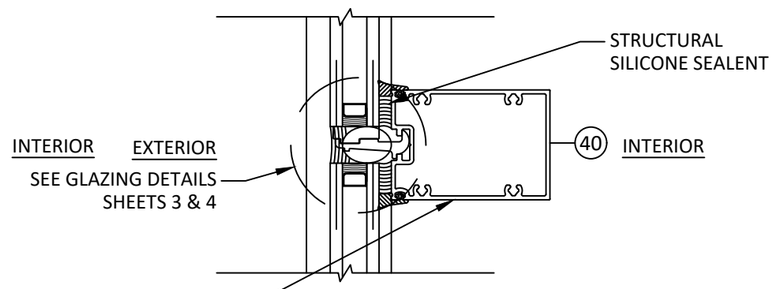
H/13 VERTICAL SECTION

HORIZONTAL MEMBER
OUTSIDE GLAZED



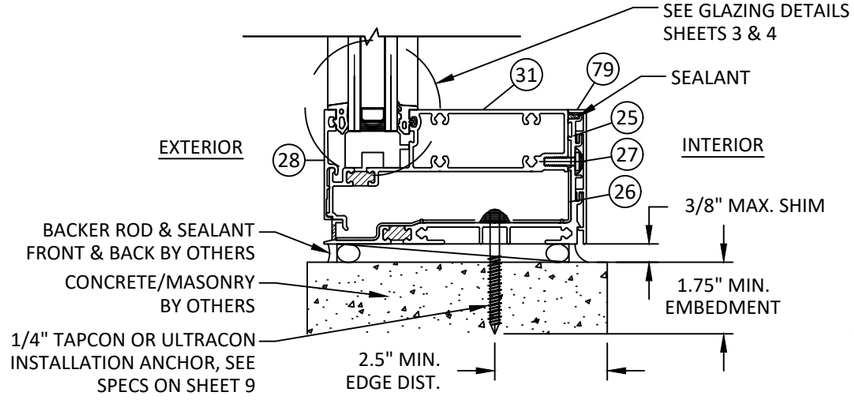
J/13 VERTICAL SECTION

HORIZONTAL MEMBER
CAPTURED GLAZED



L/13 VERTICAL SECTION

HORIZONTAL MEMBER
STRUCTURAL SILICONE GLAZED

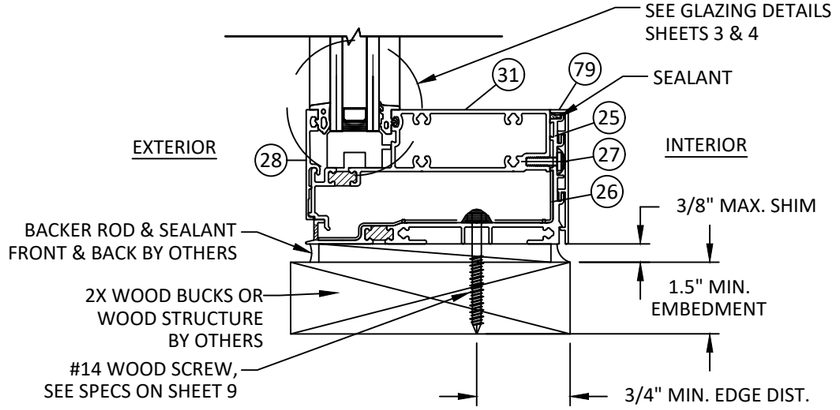


I/13 VERTICAL SECTION

SILL
OUTSIDE GLAZED

LIMIT DESIGN LOADS FOR HORIZONTAL AS FOLLOWS		
MAX HORIZ. SPAN	MAX GLASS D.L.O. HEIGHT ABOVE HORIZ.	MAX DESIGN LOADS
49-3/8"	56-15/16"	90 PSF
52"	56-15/16"	75 PSF
55-3/8"	56-15/16"	60 PSF
60"	56-15/16"	45 PSF
54"	62-15/16"	64 PSF
60"	62-15/16"	43 PSF
66"	62-15/16"	29 PSF
54"	68-15/16"	62 PSF
60"	68-15/16"	41 PSF
66"	68-15/16"	28 PSF

DESIGN LOADS SHOWN ABOVE ARE BASED ON MAX. GLASS AREA ABOVE HORIZONTAL



M/13 VERTICAL SECTION

SILL
STRUCTURAL SILICONE GLAZED

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
VERTICAL SECTIONS (OG & SSG)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
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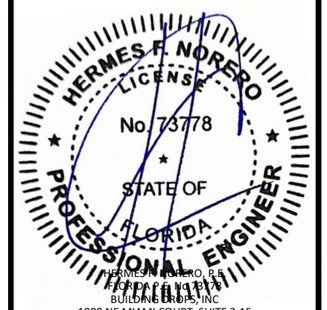

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 13 | REV. C

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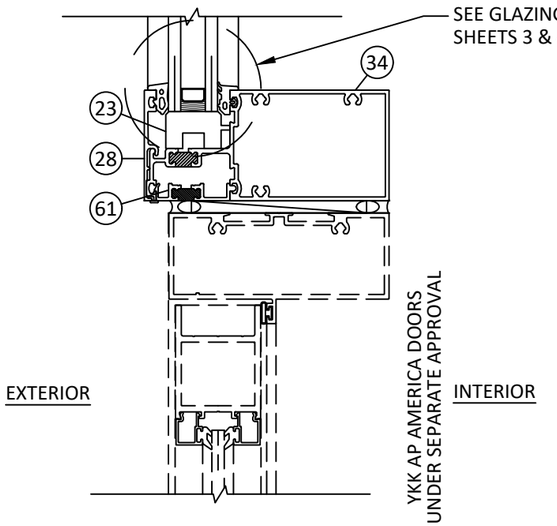
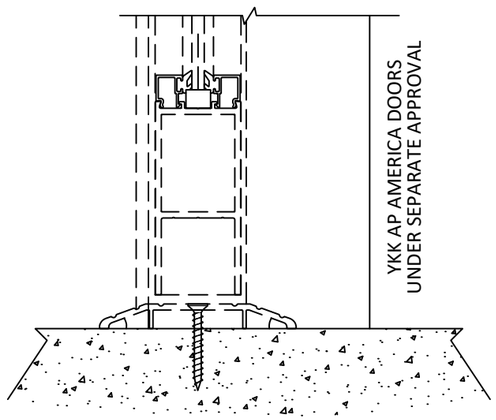
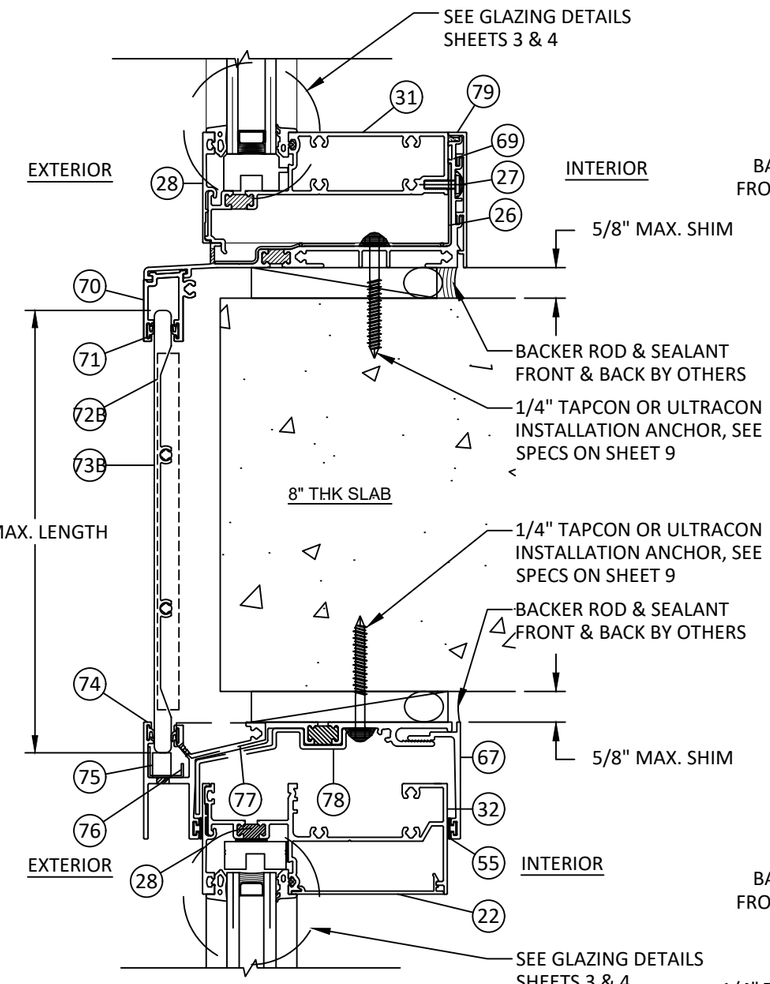


N/14 VERTICAL SECTION
DOOR HEAD W/ TRANSOM

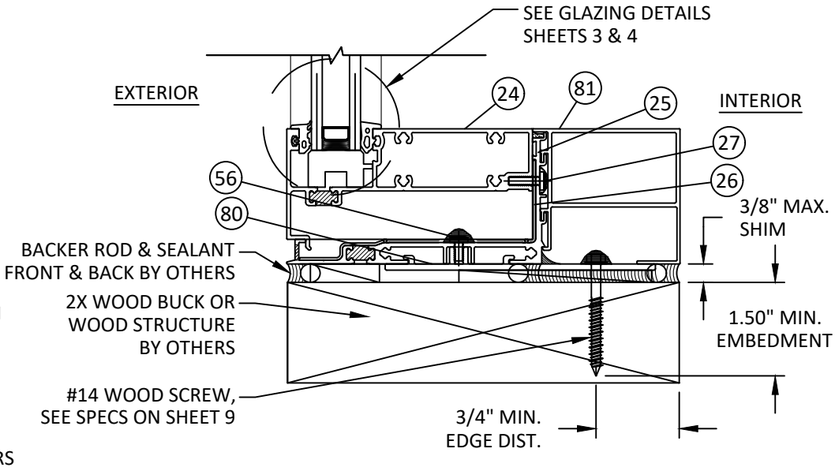


O/14 VERTICAL SECTION
DOOR SILL

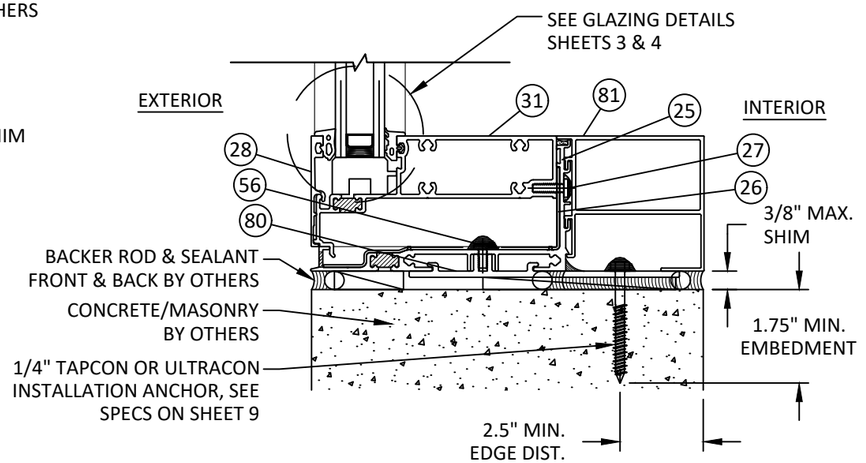


NOTE: 8" SLAB EDGE CORVER SHOWN 73A-73F CAN BE USED INTERCHANGEABLY BASED ON SLAB.

P/14 VERTICAL SECTION
SLAB EDGE
SSG OVER IG/OG



AG/14 VERTICAL SECTION
SILL - STRAP INSTALLATION
INSIDE GLAZED



AH/14 VERTICAL SECTION
SILL - STRAP INSTALLATION
OUTSIDE GLAZED

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
VERTICAL SECTIONS (DOOR & SLAB)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
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REMARKS	BY	DATE
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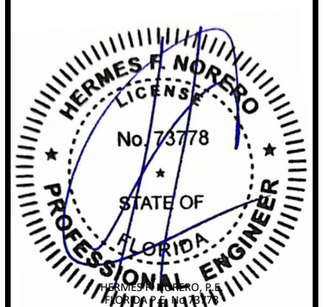

HERMES F. NORERO, P.E.
FL LICENSE #73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 14 | REV. C

OF 20

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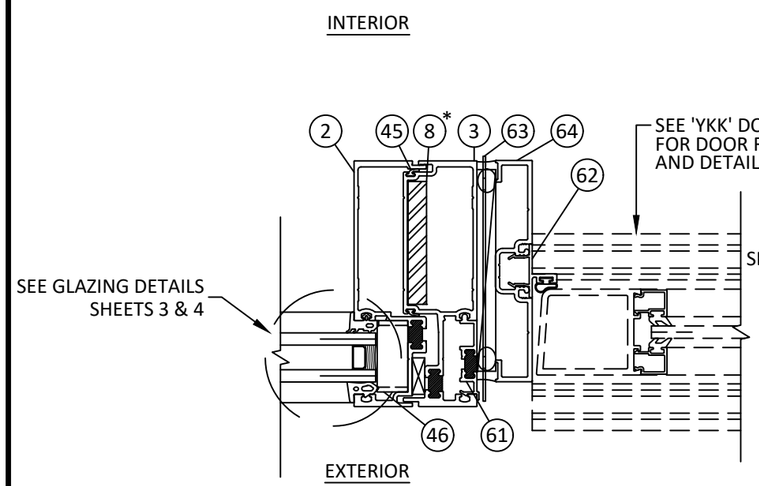
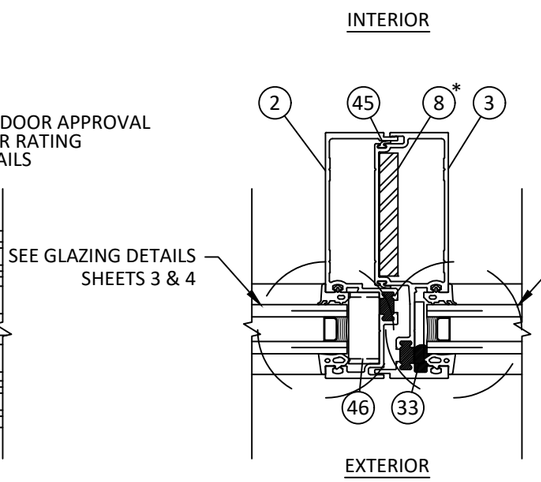
NOTE: COMPONENTS WITH * ARE OPTIONAL.



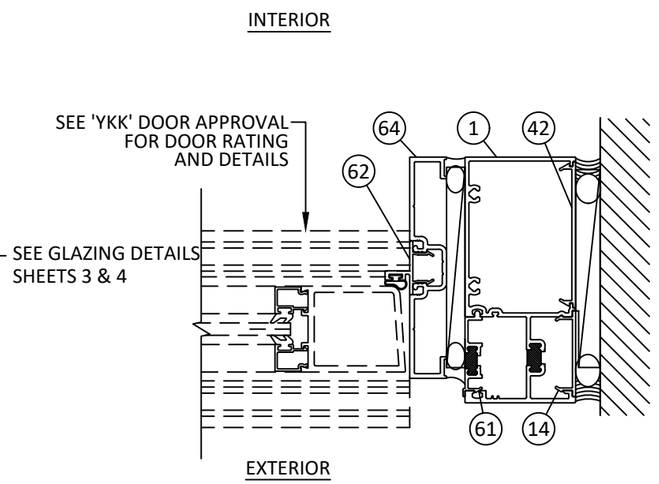
Q 15 HORIZONTAL SECTION

DOOR SIDELITE
OUTSIDE GLAZED



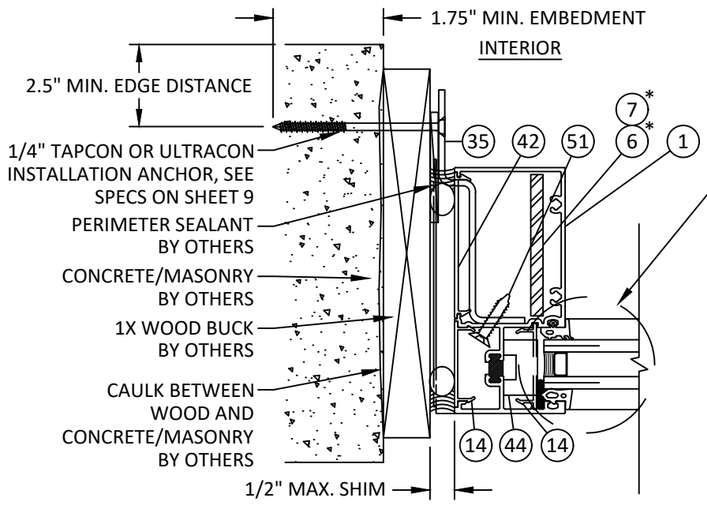
R 15 HORIZONTAL SECTION

DOOR TRANSOM
OUTSIDE GLAZED



S 15 HORIZONTAL SECTION

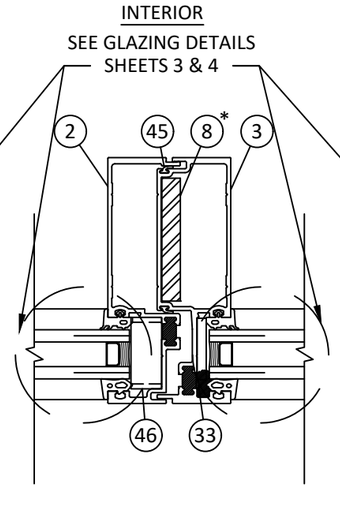
DOOR JAMB
OUTSIDE GLAZED



NOTE: JAMB TYPE 'J2' & 'J8' SHOWN IN OG, APPLICABLE TO IG/SSG.

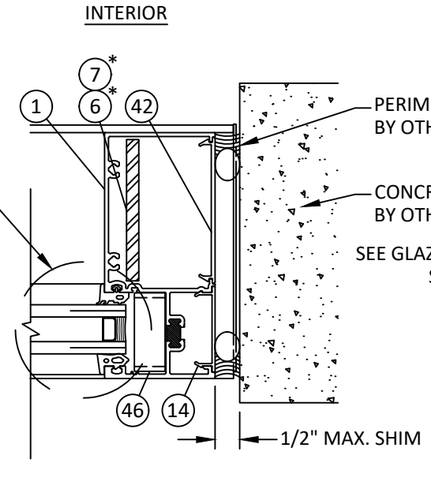
T 15 HORIZONTAL SECTION

JAMB - CONCRETE/MASONRY W/ 1X BUCK
OUTSIDE GLAZED



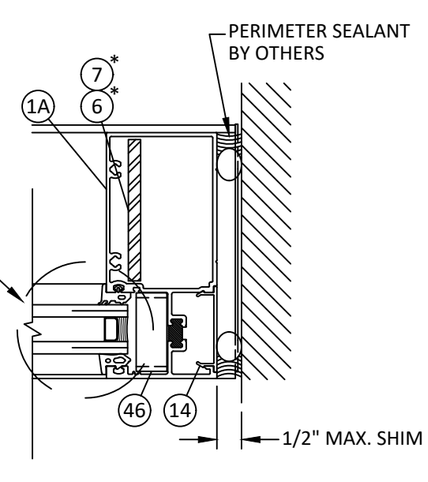
U 15 HORIZONTAL SECTION

VERTICAL MULLION
OUTSIDE GLAZED



V 15 HORIZONTAL SECTION

JAMB - CONCRETE/MASONRY
OUTSIDE GLAZED



V1 15 HORIZONTAL SECTION

TUBULAR JAMB
OUTSIDE GLAZED

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)

HORIZONTAL SECTIONS (DOOR & OG)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
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HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 15 | REV. C

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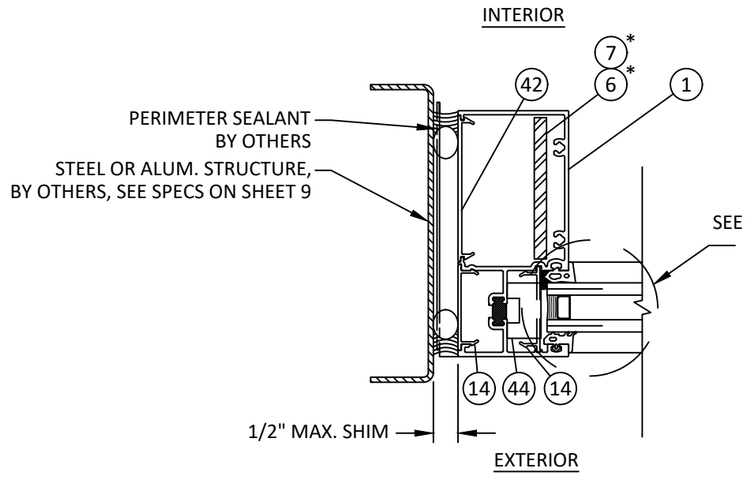
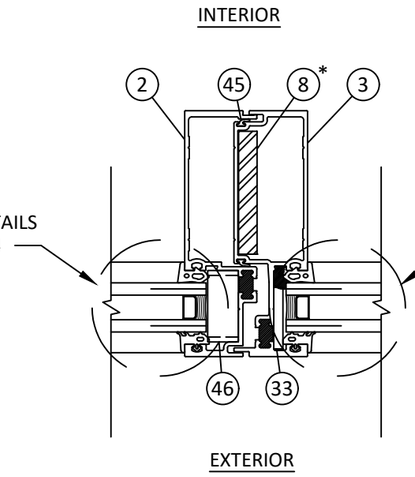
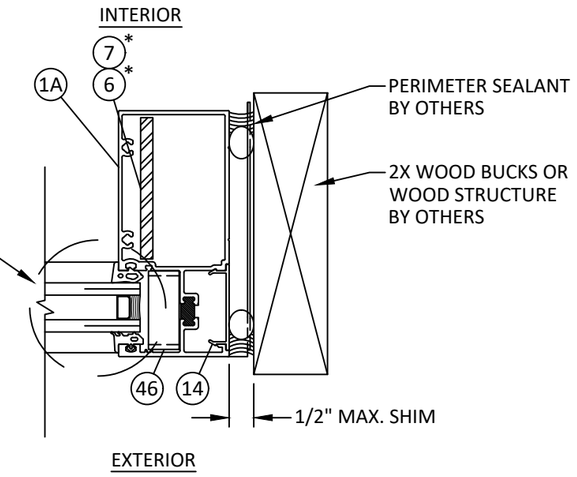


SEE GLAZING DETAILS
SHEETS 3 & 4



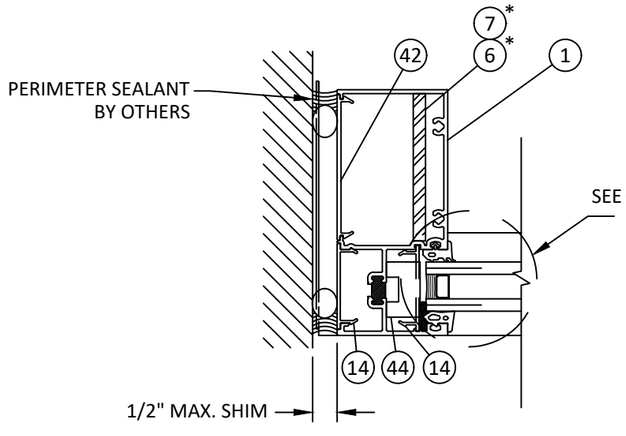
SEE GLAZING DETAILS
SHEETS 3 & 4



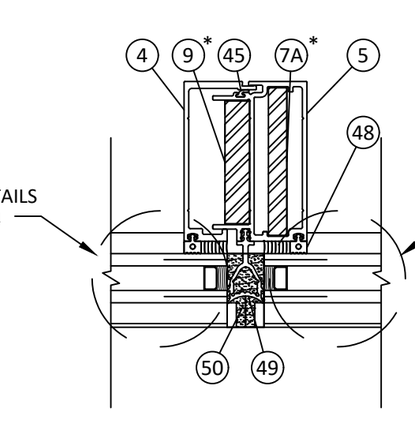
W 16 HORIZONTAL SECTION
JAMB - METAL SUBSTRATE
INSIDE GLAZED

X 16 HORIZONTAL SECTION
VERTICAL MULLION
INSIDE GLAZED

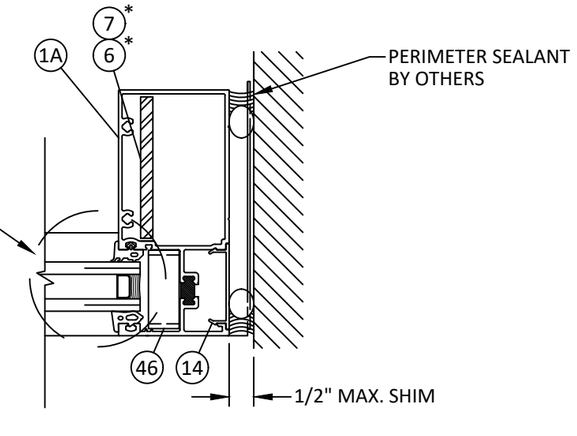
Y 16 HORIZONTAL SECTION
TUBULAR JAMB - WOOD FRAMING
INSIDE GLAZED



SEE GLAZING DETAILS
SHEETS 3 & 4



SEE GLAZING DETAILS
SHEETS 3 & 4



Z 16 HORIZONTAL SECTION
JAMB
STRUCTURAL SILICONE GLAZED

AA 16 HORIZONTAL SECTION
VERTICAL MULLION
STRUCTURAL SILICONE GLAZED

AB 16 HORIZONTAL SECTION
TUBULAR JAMB
STRUCTURAL SILICONE GLAZED

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
HORIZONTAL SECTIONS (IG & SSG)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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

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

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 16 | REV. C

OF 20

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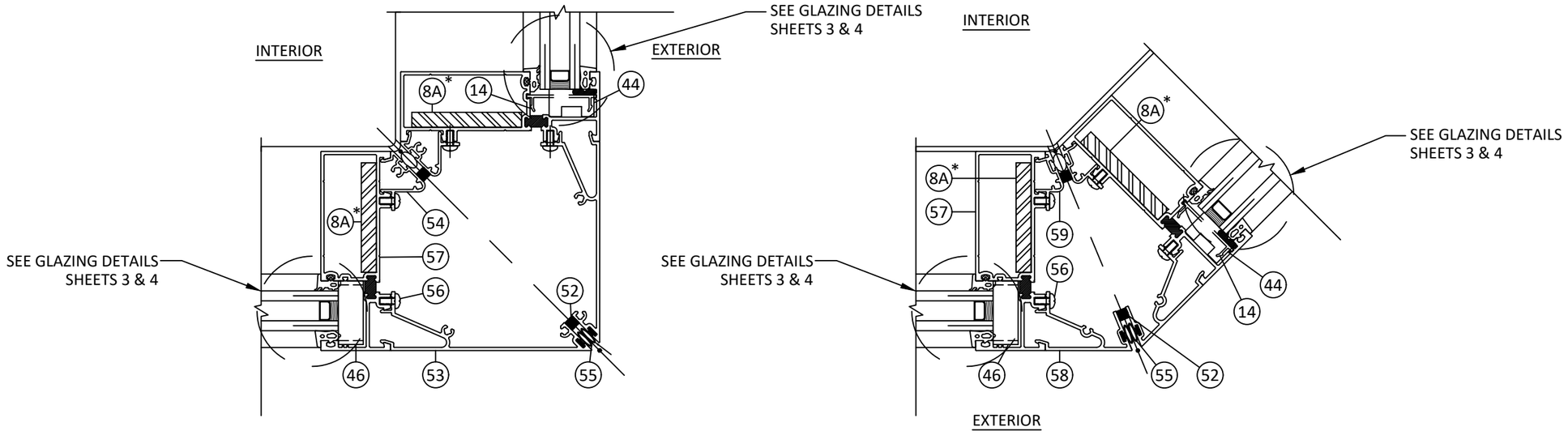


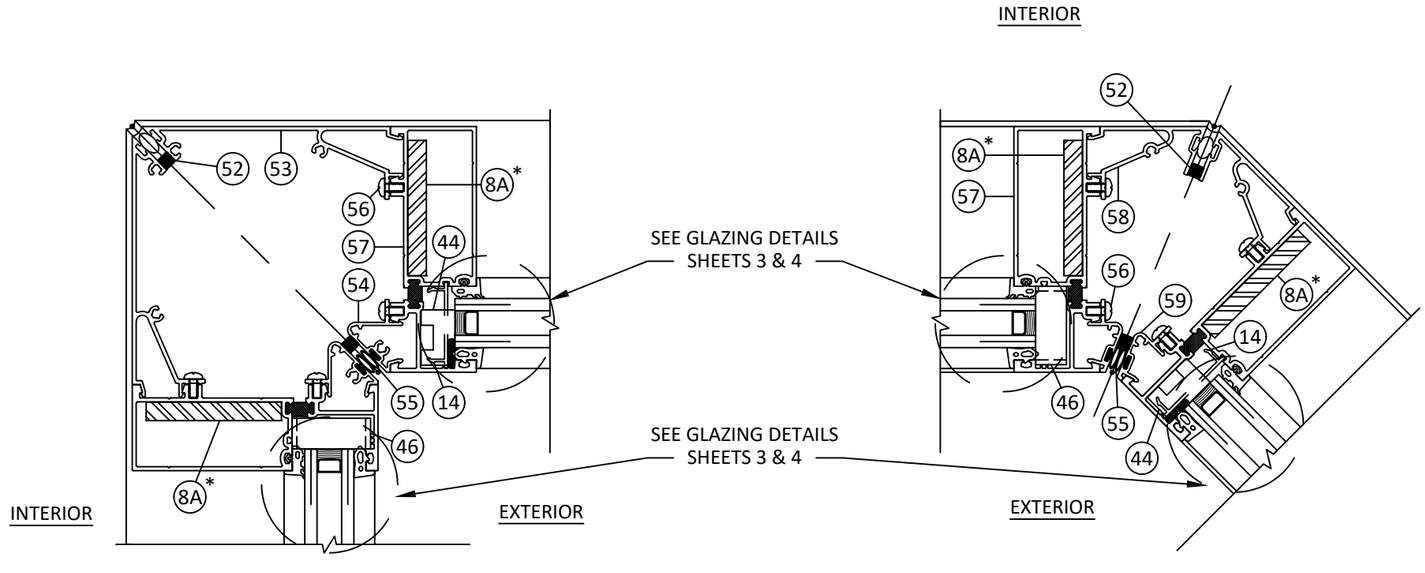
AC 17 HORIZONTAL SECTION

90 DEGREE OUTSIDE CORNER MULLION

AD 17 HORIZONTAL SECTION

135 DEGREE OUTSIDE CORNER MULLION

NOTE: COMPONENTS WITH * ARE OPTIONAL.



AE 17 HORIZONTAL SECTION

90 DEGREE INSIDE CORNER MULLION

AF 17 HORIZONTAL SECTION

135 DEGREE INSIDE CORNER MULLION

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
HORIZONTAL SECTIONS (CORNER)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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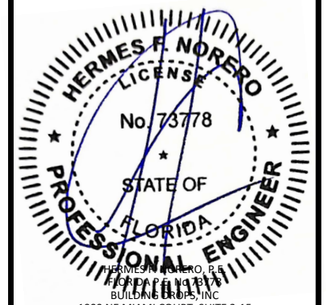

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 17 | REV. C

OF 20

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BILL OF MATERIALS

ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	BE9-2766	JAMB	6063-T5	YKK AP AMERICA
1A	BE9-2790	TUBULAR JAMB	6063-T5	YKK AP AMERICA
2	BE9-2764	FEMALE MULLION	6063-T5	YKK AP AMERICA
3	BE9-2765	MALE MULLION	6063-T5	YKK AP AMERICA
4	E9-2768	FEMALE SSG MULLION	6063-T5	YKK AP AMERICA
5	E9-2769	MALE SSG MULLION	6063-T5	YKK AP AMERICA
6	-	STEEL REINFORCEMENT	STEEL	.25" X 2.875"
7	-	STEEL REINFORCEMENT	STEEL	.25" X 3"
7A	-	STEEL REINFORCEMENT	STEEL	.375" X 3"
8	-	STEEL REINFORCEMENT	STEEL	.375" X 2.5"
8A	-	STEEL REINFORCEMENT	STEEL	.375" X 2.75"
9	-	STEEL REINFORCEMENT	STEEL	.5" X 2.5"
10	E1-1190	HEAD ANCHOR	6063-T5	YKK AP AMERICA
11	E9-7852	IG GLASS STOP	6063-T5	YKK AP AMERICA
12	BE9-2785	HEAD IG	6063-T5	YKK AP AMERICA
13	E9-2782	INTERIOR COVER	6063-T5	YKK AP AMERICA
14	E3-3664	PVC PERIMETER/POCKET FILLER	PVC	-
15	E2-0068	SETTING BLOCK	EPDM	-
16	E2-0801	DART DASKET	EPDM	-
17	E2-0808	WEDGE GASKET	EPDM	-
18	PC-1210	#12 X 5/8" PHSMS TYPE AB	ZINC PLATED STEEL	-
19	E2-0178	SETTING BLOCK	EPDM	-
20	BE9-2786	HORIZONTAL	6063-T5	YKK AP AMERICA
21	E9-2781	GLASS STOP	6063-T5	YKK AP AMERICA
22	E9-2780	FLUSH FILLER	6063-T5	YKK AP AMERICA
23	E2-0150	SETTING BLOCK	EPDM	-
24	BE9-2844	SILL IG	6063-T5	YKK AP AMERICA
25	BE9-2845	SILL FLASHING	6063-T5	YKK AP AMERICA
26	E2-0070	SILICONE SPLICE SLEEVE	SILICONE	-
27	PM-1010-SS	#10-24 X 5/8" PHMS	18-8 STAINLESS STEEL	-
28	E9-1715	EXTERIOR GLASS STOP	6063-T5	YKK AP AMERICA
29	BE9-2776	OPTIONAL HEAD	6063-T5	YKK AP AMERICA
30	BE9-2777	OPTIONAL HORIZONTAL	6063-T5	YKK AP AMERICA
31	BE9-2843	SILL OG	6063-T5	YKK AP AMERICA
32	BE9-2771	HEAD OG	6063-T5	YKK AP AMERICA
33	E2-0133	SIDE BLOCK	EPDM	-
34	BE9-2789	HORIZONTAL OG	6063-T5	YKK AP AMERICA
35	E1-1143	JAMB STRAP ANCHOR	STEEL	6" LENGTH
36	E2-0541	DART GASKET SILICONE	EPDM	-
37	E2-0542	WEDGE GASKET SILICONE	EPDM	-
38	E2-7001	INTERIOR GASKET	SILICONE	-
39	E1-3545	SETTING BLOCK CHAIR	6063-T5	YKK AP AMERICA
40	E9-2770	SSG HORIZONTAL	6063-T5	YKK AP AMERICA
41	E2-0224	SSG SETTING BLOCK	SILICONE	-
42	E3-0032	FLAT FILLER	PVC	-
43	PC-1220	#12 X 1-1/4" PHSMS TYPE AB	ZINC PLATED STEEL	-
44	E2-0628	SIDE BLOCK	EPDM	-

BILL OF MATERIALS

ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
45	E2-7010	WEATHER SEAL GASKET	EPDM	-
46	E2-0546	ANTI-WALK BLOCK	EPDM	-
47	-	-	-	-
48	E2-0544	SSG SPACER	EPDM	-
49	E2-0540	SSG RAINSCREEN GASKET	SILICONE	-
50	E2-9802	SSG JOINT PLUG	EPDM	-
51	FC-1216	#12 X 1" FHSMS TYPE AB	ZINC PLATED STEEL	-
52	E2-0110	1/4" X 1/4" SPACER TAPE	POLYURETHANE - FOAM	-
53	E9-2783	90 DEGREE CORNER COVER (LARGE)	6063-T5	YKK AP AMERICA
54	E9-2741	90 DEGREE CORNER COVER (SAMLL)	6063-T5	YKK AP AMERICA
55	E2-0051	AIRTIGHT GASKET	SANTOPRENE	-
56	PM-1006-SS	#10" X 3/8" PHMS	STAINLESS STEEL	-
57	BE9-2779	CORNER MULLION HALF	6063-T5	YKK AP AMERICA
58	E9-2784	135 DEGREE CORNER COVER (LARGE)	6063-T5	YKK AP AMERICA
59	E9-2743	135 DEGREE CORNER COVER (SMALL)	6063-T5	YKK AP AMERICA
60	PM-2512	1/4" - 20 X 3/4"	STAINLESS STEEL	-
61	BY7-9241	FLAT FILLER	6063-T5	YKK AP AMERICA
62	AS-0417	SNAP-IN DOOR STOP	6063-T5	YKK AP AMERICA
63	E1-2851	END DAM FOR SILL FLASHING	ALUMINUM SHEET	-
64	E9-2344	DOOR JAMB ADAPTOR SUBFRAME	6063-T5	YKK AP AMERICA
65	BE9-7635	HEAD RECEPTOR	6063-T5	YKK AP AMERICA
66	E1-9841	END CAP	ALUMINUM SHEET	-
67	E9-8720	RECEPTOR SNAP COVER	6063-T5	YKK AP AMERICA
68	-	-	-	-
69	BE9-2846	SILL FLASHING FOR SLAB EDGE	6063-T5	YKK AP AMERICA
70	E9-8222	PLATE ADAPTOR	6063-T5	YKK AP AMERICA
71	E2-0065	WEATHERING GASKET	EPDM	-
72A	E1-9956	END CAP (9" SLAB)	ALUMINUM SHEET	-
72B	E1-9955	END CAP (8" SLAB)	ALUMINUM SHEET	-
72C	E1-9954	END CAP (7-7/8" SLAB)	ALUMINUM SHEET	-
72D	E1-9953	END CAP (7-3/8" SLAB)	ALUMINUM SHEET	-
72E	E1-9984	END CAP (6-1/8" SLAB)	ALUMINUM SHEET	-
72F	E1-9985	END CAP (6-5/8" SLAB)	ALUMINUM SHEET	-
73A	E9-8428	SLAB EDGE COVER (9")	6063-T5	YKK AP AMERICA
73B	E9-8589	SLAB EDGE COVER (8")	6063-T5	YKK AP AMERICA
73C	E9-8231	SLAB EDGE COVER (7-7/8")	6063-T5	YKK AP AMERICA
73D	E9-8223	SLAB EDGE COVER (7-3/8")	6063-T5	YKK AP AMERICA
73E	E9-8089	SLAB EDGE COVER (6-1/8")	6063-T5	YKK AP AMERICA
73F	E9-7723	SLAB EDGE COVER (6-5/8")	6063-T5	YKK AP AMERICA
74	BE9-2819	HEAD RECEPTOR	6063-T5	YKK AP AMERICA
75	E2-0054	SETTING BLOCK	EPDM	-
76	E1-9961	SPLICE SLEEVE	ALUMINUM SHEET	-
77	E1-9957	SPLICE SLEEVE	ALUMINUM SHEET	-
78	E1-2813	HEAD RECEPTOR SPLICE SLEEVE	6063-T5	YKK AP AMERICA
79	E9-2868	SILL FLASHING INTERIOR COVER	6063-T5	YKK AP AMERICA
80	E1-2853	SILL STRAP ANCHOR (10" CUT)	6063-T5	YKK AP AMERICA
81	E9-2869	ALT. SILL FLASHING INTERIOR COVER	6063-T5	YKK AP AMERICA

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)

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SHEET: 18 | REV. C

OF 20

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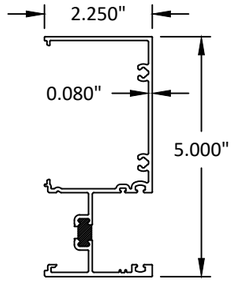
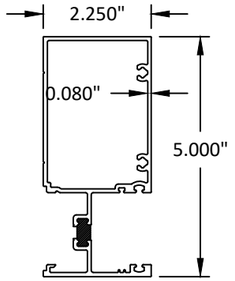
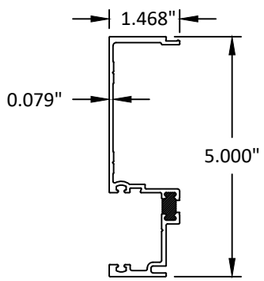


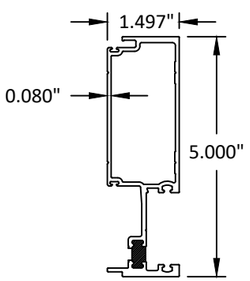
1 JAMB



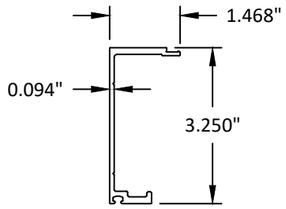
1A TUBULAR JAMB



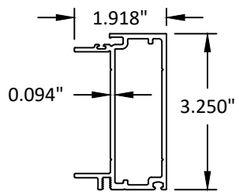
2 FEMALE MULLION



3 MALE MULLION



4 FEMALE SSG. MULLION



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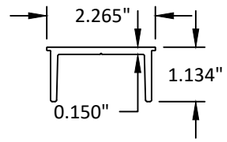
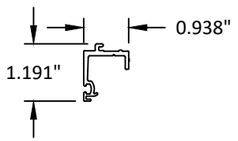
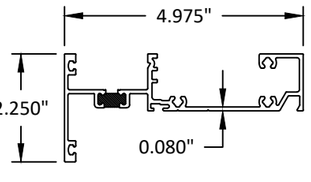


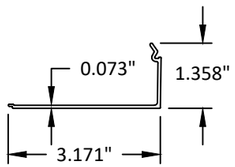
10 HEAD ANCHOR



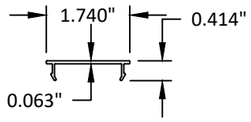
11 IG GLASS STOP



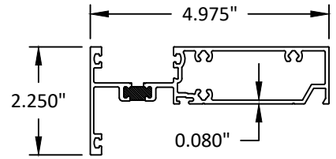
12 HEAD IG



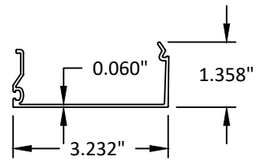
13 INTERIOR COVER



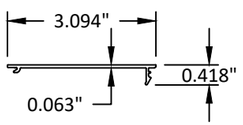
14 PVC PERIMETER/POCKET FILLER



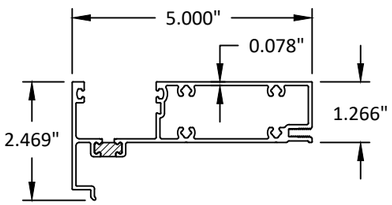
20 HORIZONTAL IG



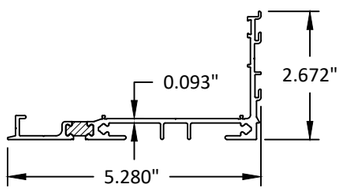
21 GLASS STOP



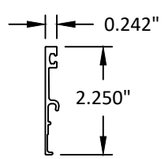
22 FLUSH FILLER



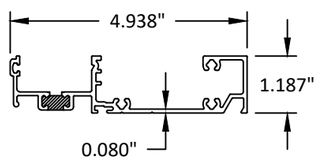
24 SILL IG



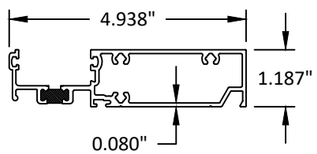
25 SILL FLASHING



28 EXTERIOR GLASS STOP



29 OPTIONAL HEAD



30 OPTIONAL HORIZONTAL

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT)
COMPONENTS (1)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
9TH FBC CODE CHANGE	SH	06.29.26

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.

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

FL #: FL12611
DATE: 11.27.19
DWG. BY: MS
CHK. BY: HFN
SCALE: NTS
DWG. #: YKK270
SHEET: 19
REV. C
OF 20

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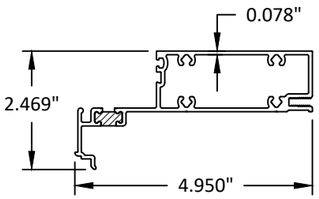
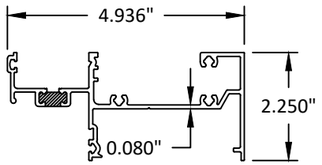
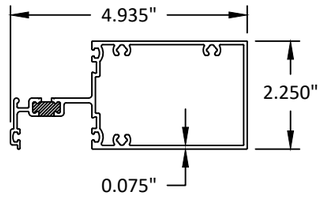
7/24/2026 9:35 AM



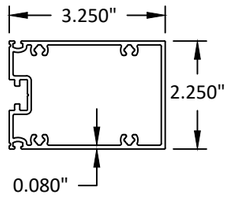
31 SILL OG



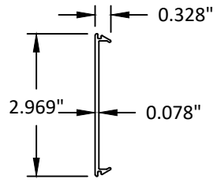
32 HEAD OG



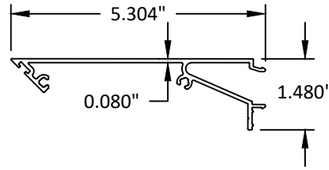
34 HORIZONTAL OG



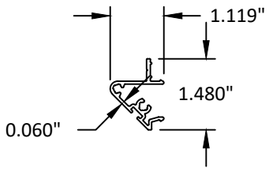
40 SSG. HORIZONTAL



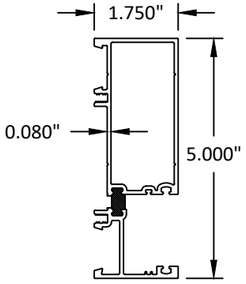
42 FLAT FILLER



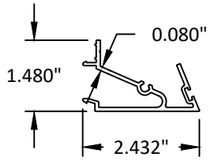
53 90 DEGREE CORNER COVER (LARGE)



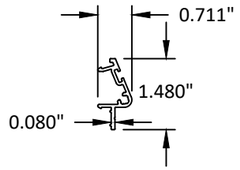
54 90 DEGREE CORNER COVER (SMALL)



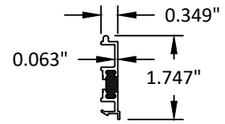
57 CORNER MULLION HALF



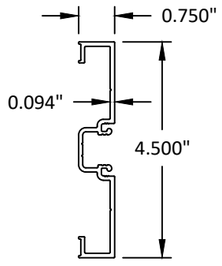
58 135 DEGREE CORNER COVER (LARGE)



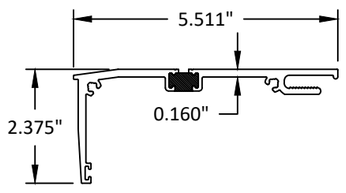
59 135 DEGREE CORNER COVER (SMALL)



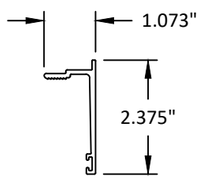
61 FLAT FILLER



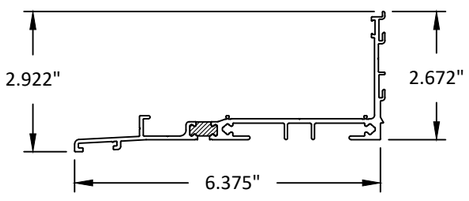
64 DOOR JAMB ADAPTOR SUBFRAME



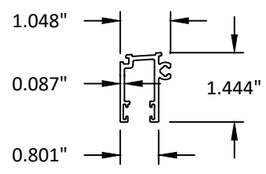
65 HEAD RECEPTOR



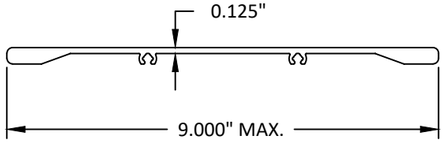
67 RECEPTOR SNAP COVER



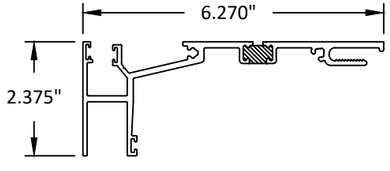
69 SILL FLASHING FOR SLAB EDGE



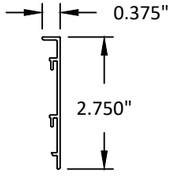
70 PLATE ADAPTER



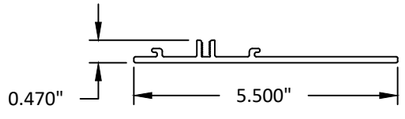
73 SLAB EDGE COVER



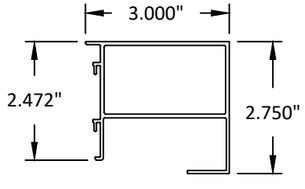
74 HEAD RECEPTOR



79 SILL FLASHING INTERIOR COVER



80 SILL STRAP ANCHOR



81 ALT. SILL FLASHING INTERIOR COVER

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (PRE-GLAZED) (HVHZ) (NON-IMPACT) COMPONENTS (2)

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	06.01.23
SILL UPDATES	SH	11.27.24
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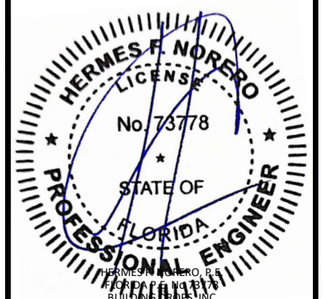

HERMES F. NORIEGA, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12611

DATE: 11.27.19

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: YKK270

SHEET: 20 | REV. C

OF 20

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