

c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\ykk ap america, inc\fbc-25-1005 - submittal - 1121211 yww 50 & 60 tu - field glazed\dwgs\ykk 306.dwg 10/15/2025 10:58 AM

YKK AP America Inc.

YWW 50 TU WINDOW WALL SYSTEM (FIELD 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.
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 501-15

•

ASTM E283-19

•

ASTM E330-14

•

ASTM E331-00(16)

•

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 E1300.
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.

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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 CHARTS ON SHEETS 5 THRU 8, THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
4.

USING CHARTS 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

Quality

inspires™

YKK AP AMERICA

1229 HWY 441 BYPASS

DUBLIN, GEORGIA 31021

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

TITLE: YWW 50 TU WINDOW WALL SYSTEM (FILED 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

B.D.

BUILDING DROPS

REMARKS

BY

DATE

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Digitally signed by Hermes F. Norero, P.E.

Reason: I am approving this document

Date: 2025.10.17 18:04:31 -04'00'

HERMES F. NORERO

LICENSE

No. 73778

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.

BUILDING DROPS, INC.

1900 NE MIAMI COURT, SUITE 2-15

MIAMI, FL 33132

FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL12611

DATE:

10.08.25

DWG. BY:

SH

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

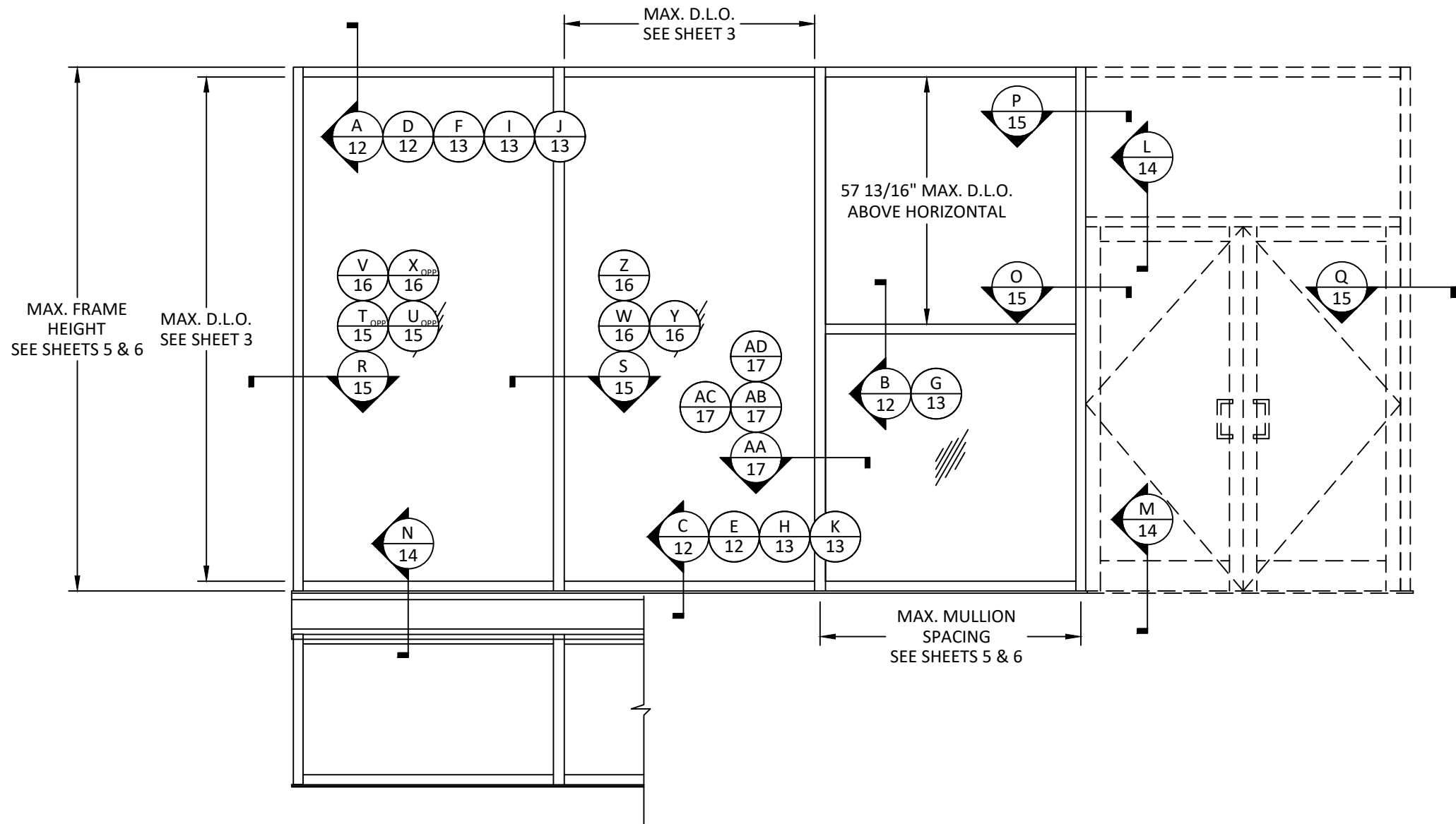
YKK306

SHEET:

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OF 20

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ELEVATION
TYPICAL YWW 50 TU WINDOW WALL



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SCALE: NTS

DWG. #: YKK306

SHEET:

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OF 20

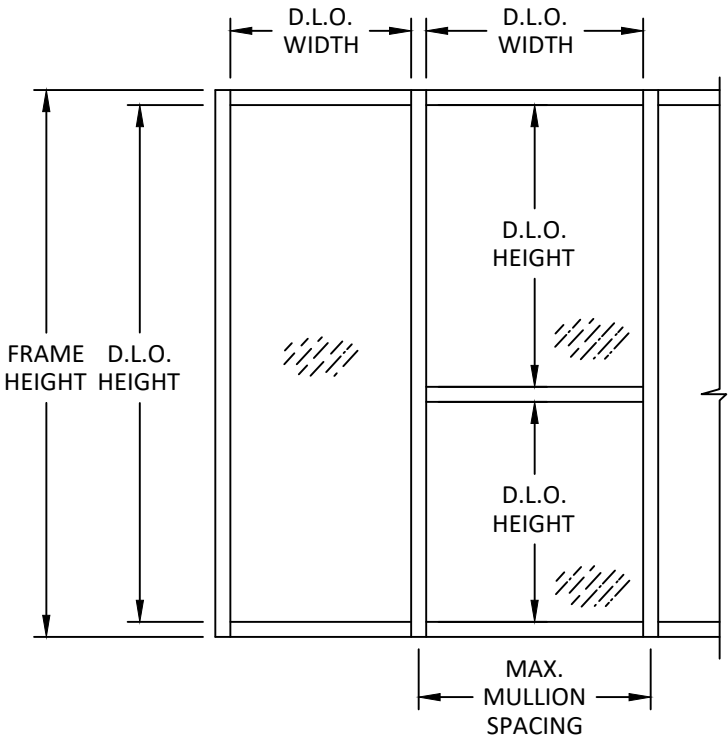
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GLASS LOAD CAPACITY (PSF)			
NOMINAL D.L.O. SIZE (IN.)		IG	OG
WIDTH	HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30.125	66.625	45.0	45.0
36.125		45.0	45.0
42.125		45.0	45.0
48.125		45.0	45.0
54.125		45.0	45.0
60.125		44.9	44.9
66.125		42.7	42.7
72.125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

GLASS LOAD CAPACITY (PSF)			
NOMINAL D.L.O. SIZE (IN.)		IG	OG
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	44.9
66.125		40.7	40.7
69.125		38.8	38.8
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	44.9
65.125		41.3	41.3
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	44.9
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	30.0
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
60.125		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
54.125		45.0	45.0
60.125		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
54.125		45.0	45.0
60.125		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
54.125		45.0	45.0
60.125		45.0	45.0

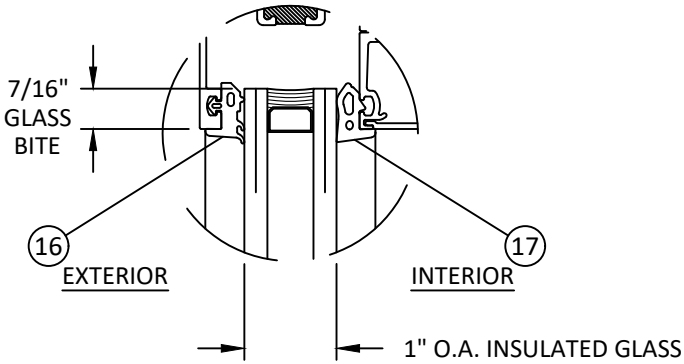
DRY GLAZED SYSTEMS

(NON-IMPACT)

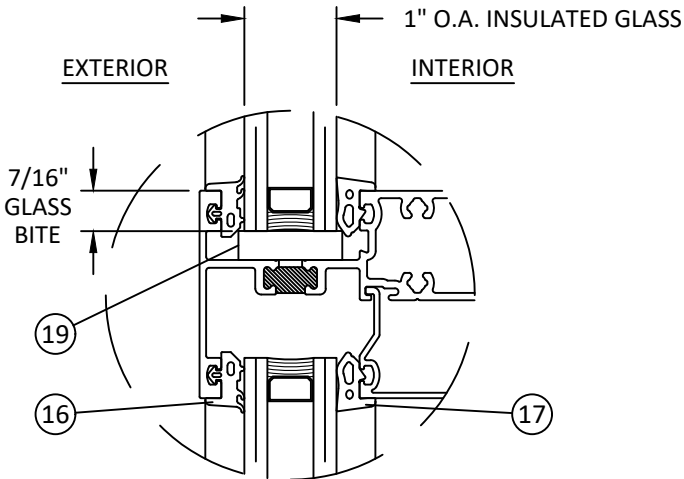


DAYLITE OPENING DIMENSIONS:
DAYLITE OPENING WIDTH:
• MAX. MULLION SPACING - 2.5"
DAYLITE OPENING HEIGHT:
• FRAME HEIGHT - 4.5"

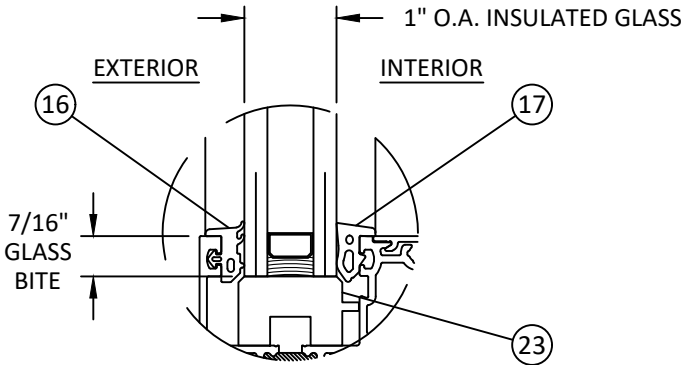
- GLAZING NOTES:
- GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
 - 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
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Quality
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YKK AP AMERICA
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

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

BUILDING DROPS

REMARKS	BY	DATE

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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, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL12611

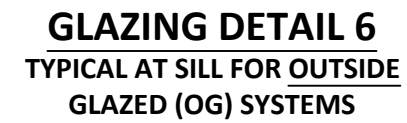
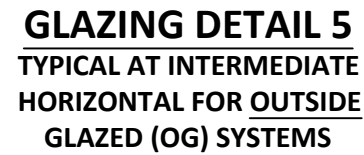
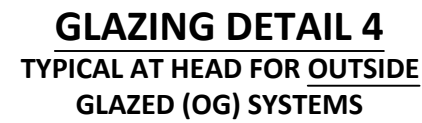
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DWG. BY: **SH**CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **YKK306**

SHEET:
3
OF 20



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 ON SHEET 3.

GLAZING DETAILS

BUILDING DROPS, INC.
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MIAMI, FL 33132
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FAX: (954) 744,47 38
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DWG. BY: SH	CHK. BY: HFN
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SCALE: NTS

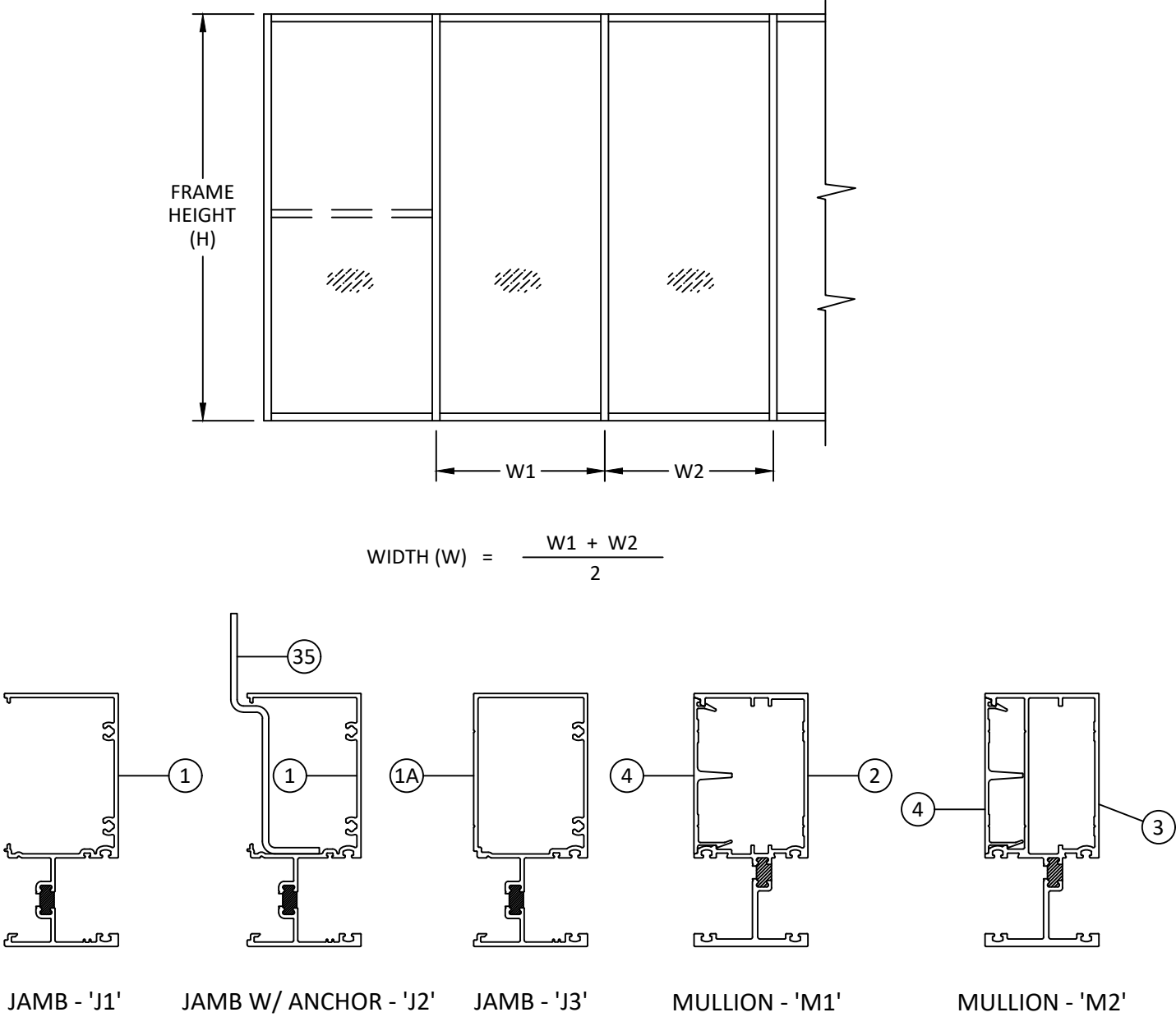
DWG. #: YKK306

SHEET:

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	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	45.0	45.0
48		45.0	45.0	45.0	45.0	45.0
54		45.0	45.0	45.0	45.0	45.0
60		45.0	45.0	45.0	45.0	45.0
66		45.0	45.0	45.0	45.0	45.0
72	72	45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	45.0	45.0
48		45.0	45.0	45.0	45.0	45.0
54		45.0	45.0	45.0	45.0	45.0
60		45.0	45.0	45.0	45.0	45.0
66	78	45.0	45.0	45.0	45.0	45.0
72		45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	45.0	45.0
48		45.0	45.0	45.0	45.0	45.0
54		45.0	45.0	45.0	45.0	45.0
60	84	45.0	45.0	45.0	45.0	45.0
66		45.0	45.0	45.0	45.0	45.0
72		45.0	45.0	45.0	45.0	45.0
30		45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	45.0	45.0
48		45.0	45.0	45.0	45.0	45.0
54	90	45.0	45.0	45.0	45.0	45.0
60		45.0	45.0	45.0	45.0	45.0
66		45.0	45.0	45.0	44.8	45.0
72		45.0	45.0	45.0	40.7	44.7
30		45.0	45.0	45.0	37.3	41.0
36		45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	45.0	45.0
48	96	45.0	45.0	45.0	45.0	45.0
54		45.0	45.0	45.0	43.8	45.0
60		45.0	45.0	45.0	39.4	43.2
66		45.0	45.0	45.0	35.8	39.3
72		45.0	45.0	45.0	32.8	36.0

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	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	45.0	45.0
48		45.0	45.0	45.0	43.6	45.0
54		45.0	45.0	45.0	38.8	42.6
60		45.0	45.0	45.0	34.9	38.3
66		43.5	45.0	45.0	31.7	34.8
30	108	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	44.5	45.0
48		45.0	45.0	45.0	38.9	42.7
54		45.0	45.0	45.0	34.6	38.0
60		42.6	45.0	45.0	31.1	34.2
66		38.8	45.0	45.0	28.3	31.1
30	114	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		45.0	45.0	45.0	39.9	43.8
48		45.0	45.0	45.0	34.9	38.3
54		42.5	45.0	45.0	31.0	34.1
60		38.3	45.0	45.0	27.9	30.7
30	120	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	42.0	45.0
42		45.0	45.0	45.0	36.0	39.5
48		43.2	45.0	45.0	31.5	34.6
54		38.4	45.0	45.0	28.0	30.8
60		34.5	45.0	40.7	25.2	27.7
30	126	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		44.7	45.0	45.0	45.0	45.0
48		39.2	45.0	45.0	45.0	45.0
54		34.8	45.0	41.0	45.0	45.0
60		45.0	45.0	45.0	45.0	45.0
30	132	45.0	45.0	45.0	45.0	45.0
36		45.0	45.0	45.0	45.0	45.0
42		40.8	45.0	45.0	45.0	45.0
48		35.7	45.0	42.1	45.0	45.0
30	140	45.0	45.0	45.0	45.0	45.0
36		43.5	45.0	45.0	45.0	45.0
42		37.3	45.0	44.0	45.0	45.0
48		32.6	45.0	38.5	45.0	45.0
30	144	45.0	45.0	45.0	45.0	45.0
36		40.0	45.0	45.0	45.0	45.0
42		34.3	45.0	40.4	45.0	45.0
48		30.0	45.0	35.4	43.8	45.0



NOTE: TYPES 'M1' AND 'M2' ARE APPLIED TO IG/OG.

YKK

ap

Quality
inspires™

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

TITLE: YWW 50 TU WINDOW WALL
SYSTEM (FILED 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

B.D.

BUILDING DROPS

REMARKS	BY	DATE
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.		

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

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

FL #:
FL12611

DATE: 10.08.25

DWG. BY: SH
CHK. BY: HFN

SCALE: NTS

DWG. #: YKK306

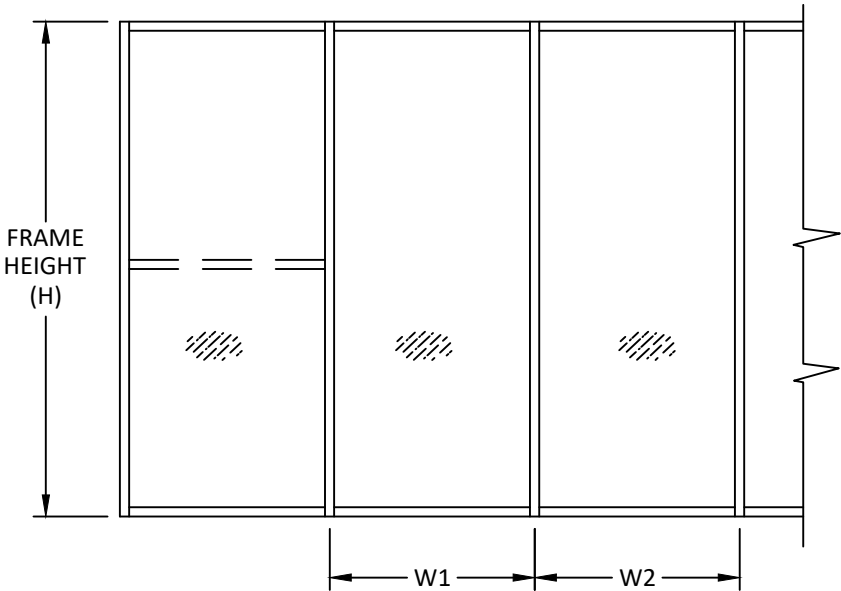
SHEET:
5
OF 20

REINFORCED MULLION LOAD TABLE
WITH STEEL

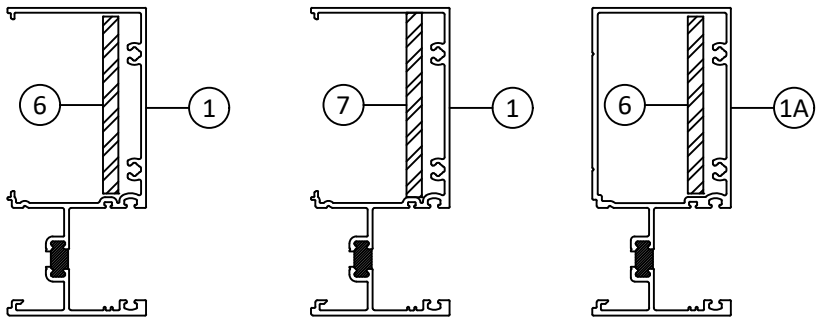
DESIGN LOAD CAPACITY - PSF								
NOMINAL DIMS.		JAMB 'J4'	JAMB 'J5'	JAMB 'J6'	JAMB 'J7'	JAMB 'J8'	MULLION 'M3'	MULLION 'M4'
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	66	100.0	100.0	100.0	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	72	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		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	78	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		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	84	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	92.7	96.6
72		100.0	100.0	100.0	100.0	100.0	84.9	88.6
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	100.0
54		100.0	100.0	100.0	100.0	100.0	98.6	100.0
60		100.0	100.0	100.0	100.0	100.0	88.8	92.6
66	96	100.0	100.0	100.0	100.0	100.0	80.7	84.2
72		100.0	100.0	100.0	100.0	100.0	74.0	77.2
30		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	97.5	100.0
54	102	100.0	100.0	100.0	100.0	100.0	86.7	90.4
60		100.0	100.0	100.0	100.0	100.0	78.0	81.4
66		100.0	100.0	100.0	100.0	100.0	70.9	74.0
72		100.0	100.0	100.0	100.0	100.0	65.0	67.8
30		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	108	100.0	100.0	100.0	100.0	100.0	93.6	97.6
48		100.0	100.0	100.0	100.0	100.0	81.9	85.4
54		100.0	100.0	100.0	100.0	100.0	72.8	75.9
60		100.0	100.0	100.0	100.0	100.0	65.5	68.3
66	114	94.2	97.7	97.9	100.0	100.0	59.6	62.1
72								

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	100.0
36		100.0	100.0	100.0	100.0	100.0	92.0	95.9
42		100.0	100.0	100.0	100.0	100.0	78.8	82.2
48		100.0	100.0	100.0	100.0	100.0	69.0	72.0
54		97.0	100.0	100.0	100.0	100.0	61.3	64.0
60		87.3	90.5	90.7	93.9	100.0	55.2	57.6
66	114	79.4	82.3	82.5	85.4	100.0	50.2	52.3
30		100.0	100.0	100.0	100.0	100.0	93.8	97.9
36		100.0	100.0	100.0	100.0	100.0	78.2	81.6
42		100.0	100.0	100.0	100.0	100.0	67.0	69.9
48		92.8	96.2	96.4	99.8	100.0	58.7	61.2
54		82.5	85.5	85.7	88.7	100.0	52.1	54.4
60	120	74.3	77.0	77.1	79.8	100.0	46.9	48.9
30		100.0	100.0	100.0	100.0	100.0	80.5	83.9
36		100.0	100.0	100.0	100.0	100.0	67.0	69.9
42		91.0	94.3	94.5	97.8	100.0	57.5	59.9
48		79.6	82.5	82.7	85.6	100.0	50.3	52.5
54		70.7	73.3	73.5	76.1	100.0	44.7	46.6
60	126	63.7	66.0	66.1	68.5	100.0	40.2	42.0
30		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	99.3	100.0
48		68.7	71.3	71.4	73.9	100.0	86.9	90.6
54		61.1	63.3	63.5	65.7	100.0	77.2	80.6
60	132	95.7	99.2	99.4	100.0	100.0	100.0	100.0
30		79.7	82.6	82.8	85.7	100.0	100.0	100.0
36		68.3	70.8	71.0	73.5	100.0	86.4	90.1
42		59.8	62.0	62.1	64.3	100.0	75.6	78.8
48		83.7	86.8	87.0	90.0	100.0	100.0	100.0
54		69.8	72.3	72.5	75.0	100.0	88.2	92.0
60	140	59.8	62.0	62.1	64.3	100.0	75.6	78.8
30		52.3	54.2	54.4	56.3	100.0	66.1	69.0
36		73.7	76.4	76.5	79.2	100.0	93.1	97.1
42		61.4	63.6	63.8	66.0	100.0	77.6	81.0
48		52.6	54.6	54.7	56.6	100.0	66.5	69.4
54		46.1	47.7	47.8	49.5	100.0	58.2	60.7

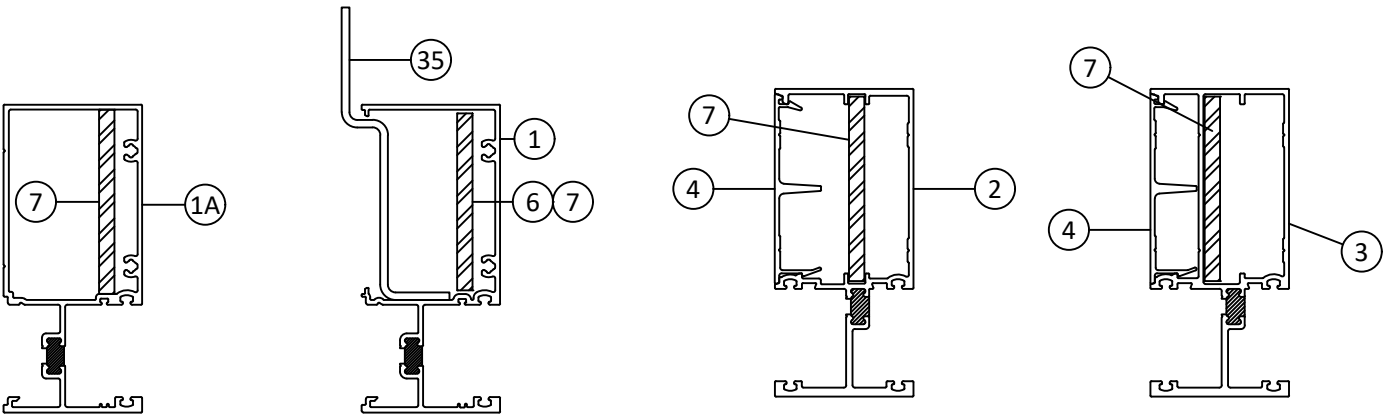
NOTE: TYPES 'M1' AND 'M2' ARE APPLIED TO IG/OG.



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'

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

TITLE: YWW 50 TU WINDOW WALL
SYSTEM (FILED 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

B.D.

BUILDING DROPS

REMARKS	BY	DATE

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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, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL12611

DATE:
10.08.25

DWG. BY:
SH

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK306

SHEET:

c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\ykk ap america, inc\fbc-25-1005 - submittal - fl12611 yvw 50 & 60 tu - field glazed\dwgs\ykk306.dwg 10/15/2025 10:58 AM

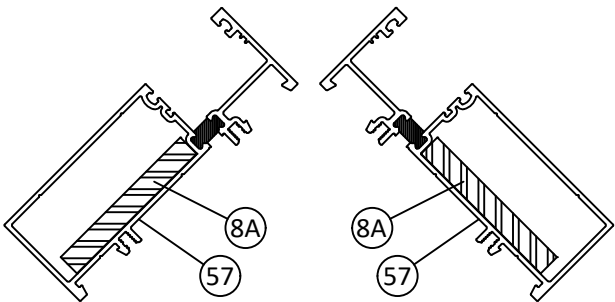
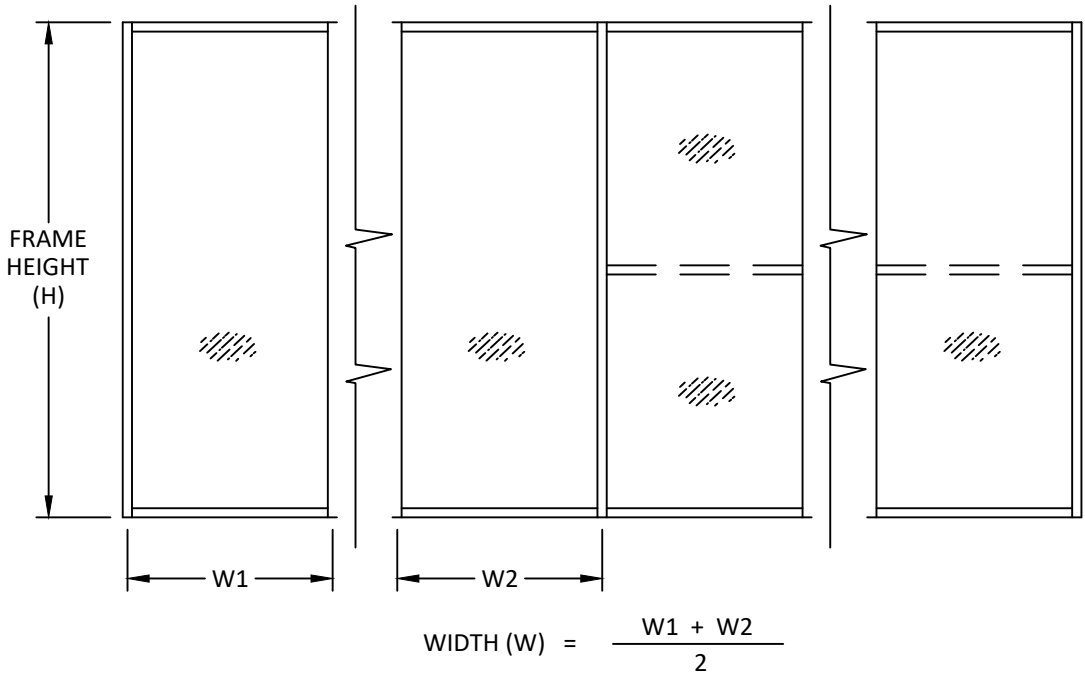
CORNER MULLION LOAD TABLE

WITH STEEL

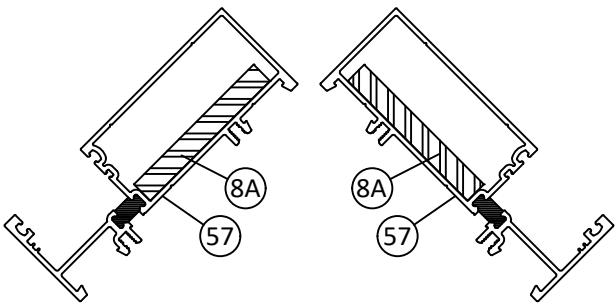
DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		90 DEGREE MULLION	135 DEGREE MULLION
WIDTH (W)	FRAME HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	66	100.0	100.0
36		100.0	100.0
42		100.0	100.0
48		100.0	100.0
54		100.0	100.0
60		100.0	100.0
66		100.0	100.0
72		100.0	100.0
30	72	100.0	100.0
36		100.0	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

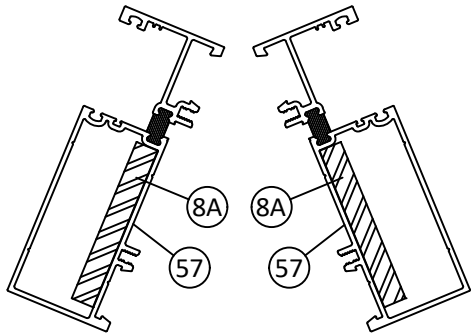
NOTE: SEE SHEET 17 FOR
DETAILS OF CORNER MULLIONS



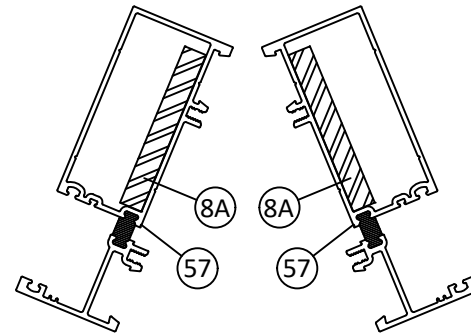
90 DEGREE INSIDE CORNER MULLION
WITH STEEL



90 DEGREE OUTSIDE CORNER MULLION
WITH STEEL



135 DEGREE INSIDE CORNER MULLION
WITH STEEL



135 DEGREE OUTSIDE CORNER MULLION
WITH STEEL



YKK AP AMERICA

1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021

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

TITLE: YVW 50 TU WINDOW WALL
SYSTEM (FILED 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

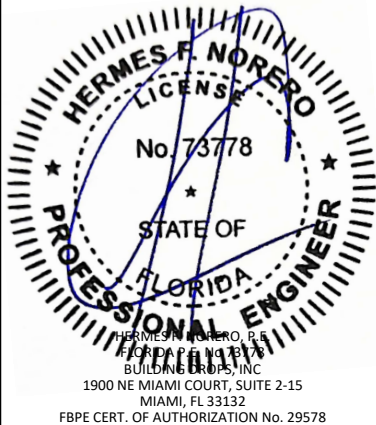
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE

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AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC
SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE
FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:

FL12611

DATE: 10.08.25

DWG. BY:
SH

CHK. BY:
HFN

SCALE: NTS

DWG. #: YKK306

SHEET:

7

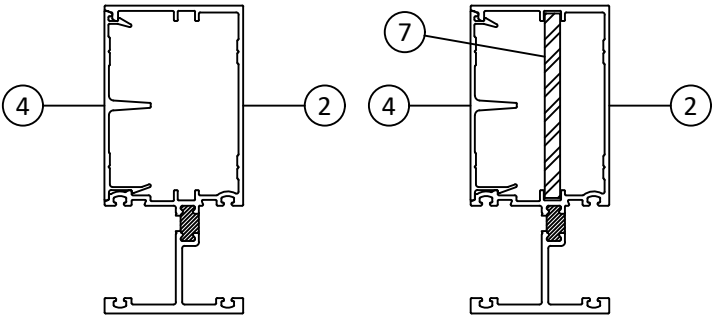
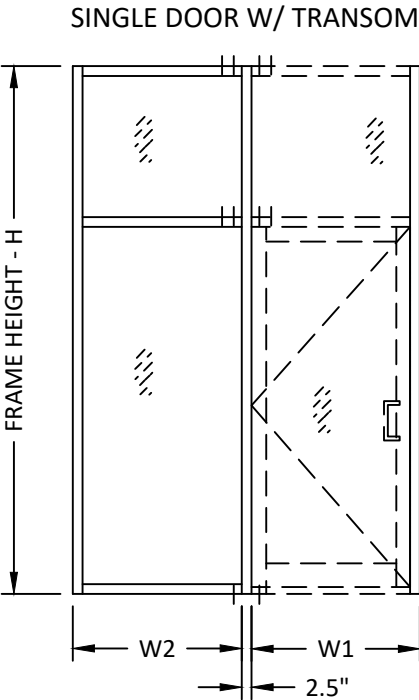
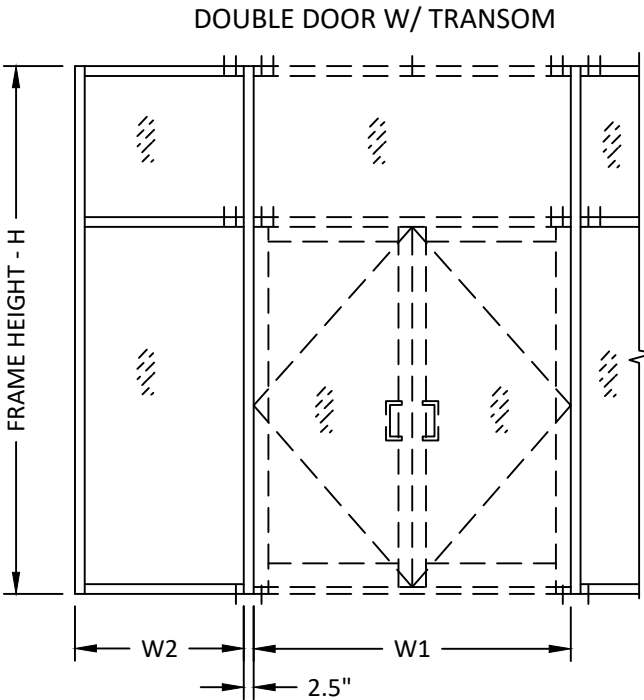
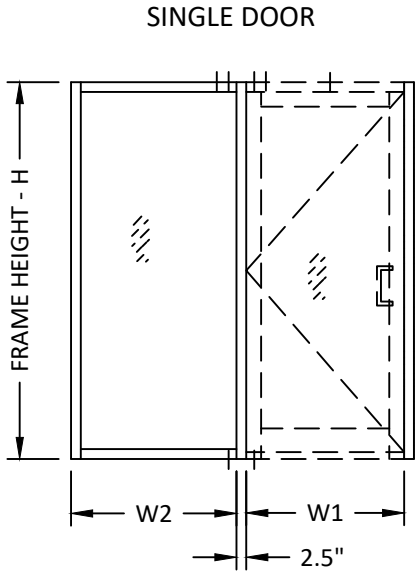
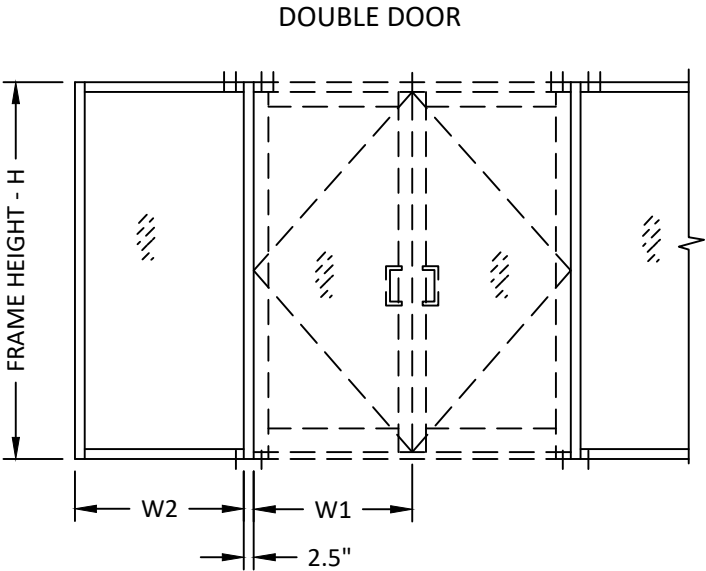
OF 20

c:\users\sebastian\hereros\building drops, inc\building drops, inc\common\projects\ykk ap america, inc\fb-25-1005 - submittal - fl12611 yvw 50 & 60 tu - field glazed\dwgs\ykk306.dwg 10/15/2025 10:58 AM

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	72	45.0	100.0
30		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	78	45.0	100.0
72		45.0	100.0
30		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	84	45.0	100.0
66		45.0	100.0
72		45.0	100.0
30		45.0	98.5
36		45.0	100.0
42		45.0	100.0
48		45.0	100.0
54	90	45.0	100.0
60		45.0	100.0
66		45.0	92.7
72		42.9	84.9
30		45.0	100.0
36		45.0	100.0
42		45.0	100.0
48	96	45.0	100.0
54		45.0	98.6
60		44.8	88.8
66		40.7	80.7
72		37.3	74.0
30		45.0	100.0
36		45.0	100.0
42	102	45.0	100.0
48		43.6	81.9
54		38.8	72.8
60		34.9	65.5
66		31.7	59.6
72	108	45.0	100.0
36		45.0	92.0
42		44.5	78.8
48		38.9	69.0
54		34.6	61.3
60	114	31.1	55.2
66		28.3	50.2
30		45.0	93.8
36		45.0	78.2
42		39.9	67.0
48	120	34.9	58.7
54		31.0	52.1
60		27.9	46.9
30		45.0	80.5
36		42.0	67.0
42	126	36.0	57.5
48		31.5	50.3
54		28.0	44.7
60		25.2	40.2
30		45.0	100.0
36	132	45.0	100.0
42		45.0	86.4
48		45.0	75.6
54		45.0	100.0
60		45.0	88.2
66	140	45.0	75.6
72		45.0	66.1
30		45.0	93.1
36		45.0	77.6
42	144	45.0	66.5
48		43.8	58.2

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	93.6
48		43.6	81.9
54		38.8	72.8
60		34.9	65.5
66		31.7	59.6
72	72	45.0	100.0
30		45.0	100.0
36		45.0	92.0
42		44.5	78.8
48		38.9	69.0
54		34.6	61.3
60		31.1	55.2
66	78	28.3	50.2
30		45.0	93.8
36		45.0	78.2
42		39.9	67.0
48		34.9	58.7
54		31.0	52.1
60		27.9	46.9
72	84	45.0	80.5
30		42.0	67.0
36		36.0	57.5
42		31.5	50.3
48		28.0	44.7
54		25.2	40.2
60		45.0	100.0
66	90	45.0	100.0
72		45.0	100.0
30		45.0	86.4
36		45.0	75.6
42		45.0	100.0
48		45.0	88.2
54		45.0	75.6
60	96	45.0	66.1
66		45.0	93.1
72		45.0	77.6
30		45.0	66.5
36		45.0	66.5
42		45.0	66.5
48		43.8	58.2



MULLION - 'M1'

MULLION W/ STEEL - 'M3'

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

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

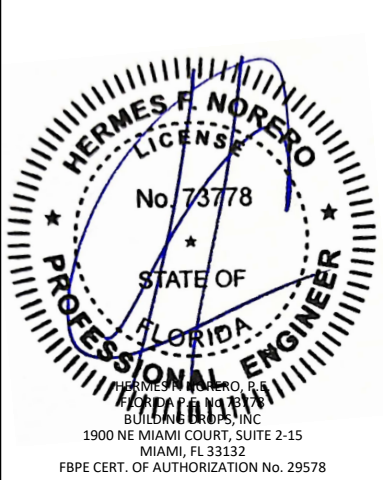
TITLE: YVW 50 TU WINDOW WALL
SYSTEM (FILED GLAZED)
(HVHZ) (NON-IMPACT)
DOOR MULLION LOAD TABLE

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

BUILDING DROPS

REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #: **FL12611**

DATE: **10.08.25**

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

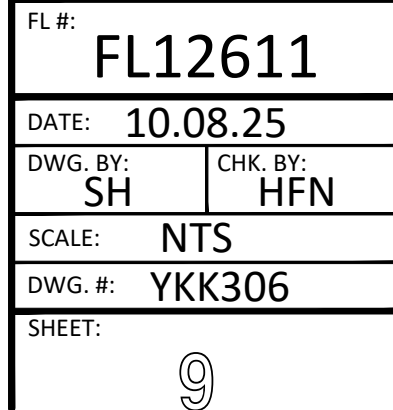
DWG. #: **YKK306**

SHEET: **8**

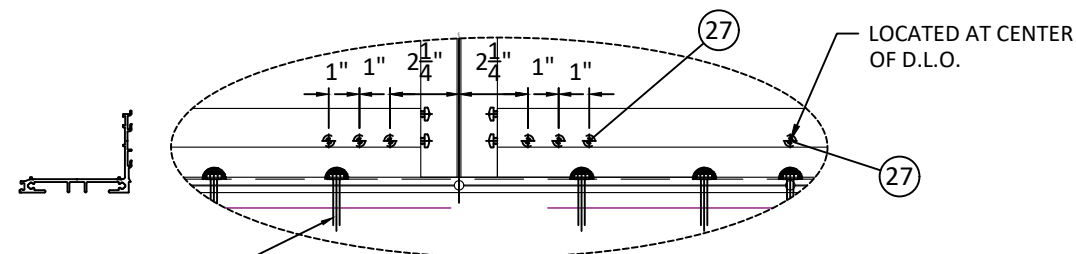
ANCHOR LAYOUT

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

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL IN NATURE AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC PROJECT OR 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.



OF 20



c:\users\sebastian\hereros\building drops, inc\building drops, inc\common\projects\ykk ap america, inc\fbc-25-1005 - submittal - fl12611 yww 50 & 60 tu - field glazed\dwgs\ykk306.dwg 10/15/2025 10:58 AM

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	108	61.7	31.1	41.4	62.2	86.3	32.2	42.9	64.4
30		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	114	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		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	120	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		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	126	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		100.0	33.6	33.6	50.3	100.0	34.8	34.8	52.1
36	132	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
60		95.4	32.0	32.0	48.0	100.0	33.2	33.2	49.8
30	138	79.5	26.7	26.7	53.4	100.0	27.6	27.6	55.3
36		68.2	22.9	34.3	57.2	95.2	23.7	35.5	59.2
42		59.6	20.0	30.0	50.0	83.3	20.7	31.1	51.8
48		91.3	30.6	30.6	46.0	100.0	31.7	31.7	47.6
54		76.1	25.5	25.5	51.1	100.0	26.4	26.4	52.9
60	144	65.2	21.9	32.8	54.7	91.1	22.7	34.0	56.7
66		57.0	19.1	28.7	47.9	79.7	19.8	29.8	49.6
72		87.5	29.4	29.4	44.0	100.0	30.4	30.4	45.6
78		72.9	24.5	24.5	48.9	100.0	25.3	25.3	50.7
84		62.5	21.0	31.5	52.4	87.3	21.7	32.6	54.3
90		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, I/13 AND J/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.

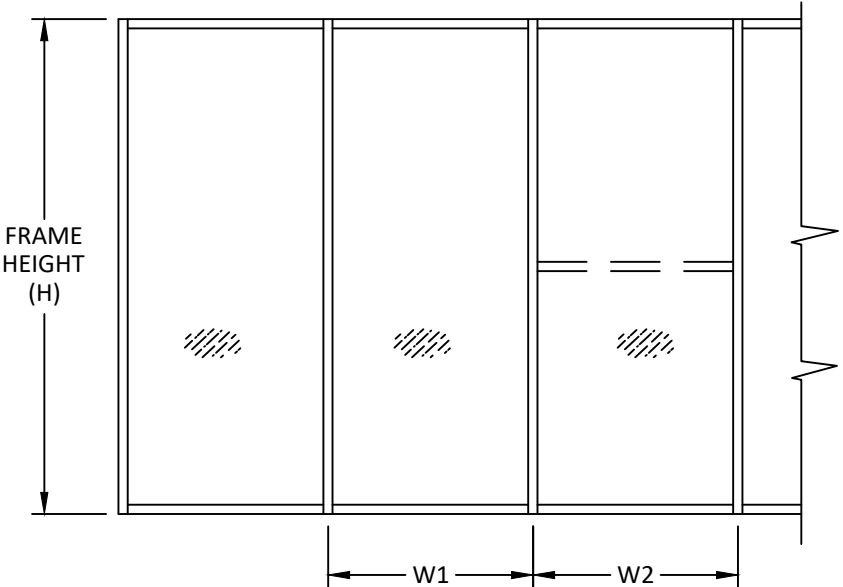
HEAD OPTION #2 (SEE DETAIL F/13):
FOR ANCHOR WITH HEAD RECEPTOR, ANCHORS DISTRIBUTED AT 24" O.C. MAX.

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

JAMB ANCHOR LOCATION:

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

EACH LOCATION HAS TWO TYP. ANCHORS.



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

YKK

ap

Quality
inspires™

YKK AP AMERICA

1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021

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

TITLE: YWW 50 TU WINDOW WALL
SYSTEM (FILED 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

BUILDING DROPS

REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

HERMES F. NORERO

LICENSE

No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.

BUILDING DROPS, INC.

1900 NE MIAMI COURT, SUITE 2-15

MIAMI, FL 33132

FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL12611

DATE: 10.08.25

DWG. BY: SH

CHK. BY: HFN

SCALE: NTS

DWG. #: YKK306

SHEET:

10

OF 20

c:\users\sebastian\hereros\building drops, inc\building drops landing - common\projects\ykk ap america, inc\fbc-25-1005 - submittal - fl12611 yww 50 & 60 tu - field glazed\dwgs\ykk306.dwg 10/15/2025 10:58 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	72	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		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	78	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		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	84	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	90	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	96	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		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	102	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		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	108	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
72		18.6	31.0	43.4	55.8	20.7	34.5	48.3

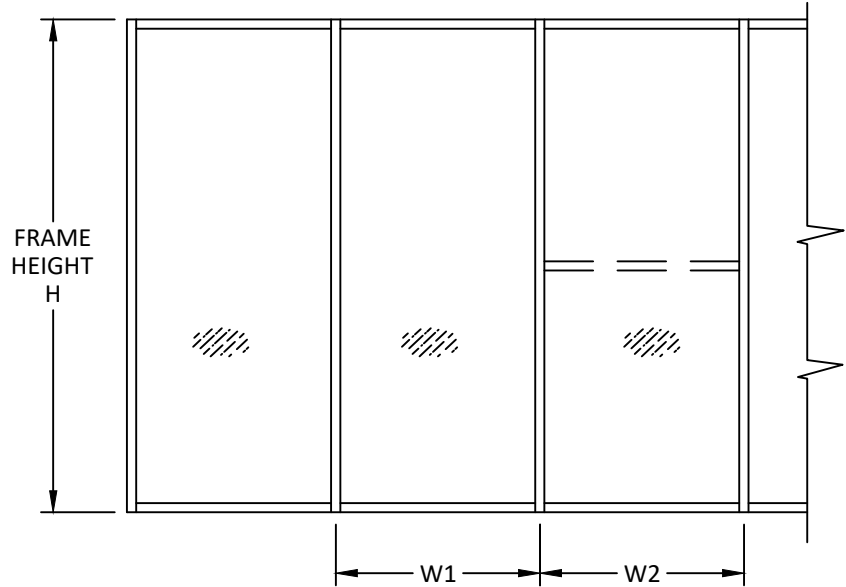
DESIGN LOAD CAPACITY - PSF								
FRAME DIMENSIONS		ANCHOR TYPE A				ANCHOR TYPE B		
WIDTH, 'W' (IN.)	FRAME HEIGHT, 'H' (IN.)	SILL				SILL		
		2	4	6	8	2	4	6
30	102	42.0	70.1	98.1	100.0	46.8	77.9	100.0
36		35.0	58.4	81.8	100.0	39.0	64.9	90.9
42		30.0	50.1	70.1	90.1	33.4	55.7	77.9
48		26.3	43.8	61.3	78.8	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
60		17.9	29.8	41.7	53.6	19.9	33.1	46.4
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
54		18.9	31.5	44.1	56.7	21.0	35.0	49.1
60		17.9	29.8	41.7	53.6	19.9	33.1	46.4
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
54		18.9	31.5	44.1	56.7	21.0	35.0	49.1
60		17.9	29.8	41.7	53.6	19.9	33.1	46.4
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
54		18.9	31.5	44.1	56.7	21.0	35.0	49.1
60		17.9	29.8	41.7	53.6	19.9	33.1	46.4

ANCHOR REQUIREMENTS:

SILL ANCHOR DISTRIBUTION:

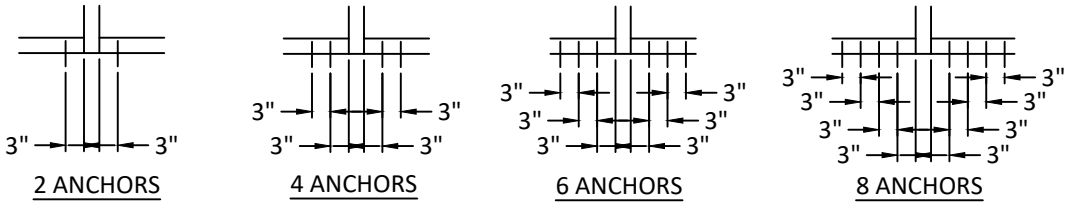
ANCHOR LOCATED 3 INCHES AWAY FROM CORNER. ONE ANCHOR LOCATED IN THE CENTER OF PANEL.

SEE SILL CORNER DETAILS BELOW.



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

SILL DETAILS



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

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

SILL ANCHOR TABLE

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132

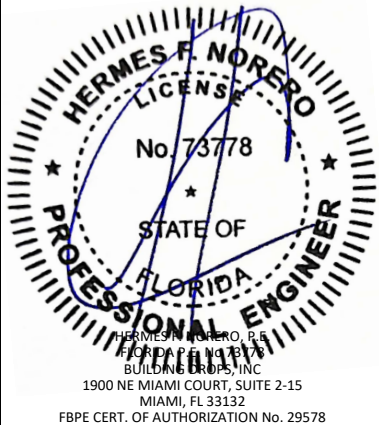
PH: (954)399-8478
FAX: (954)744-4738

WEB: www.buildingdrops.com



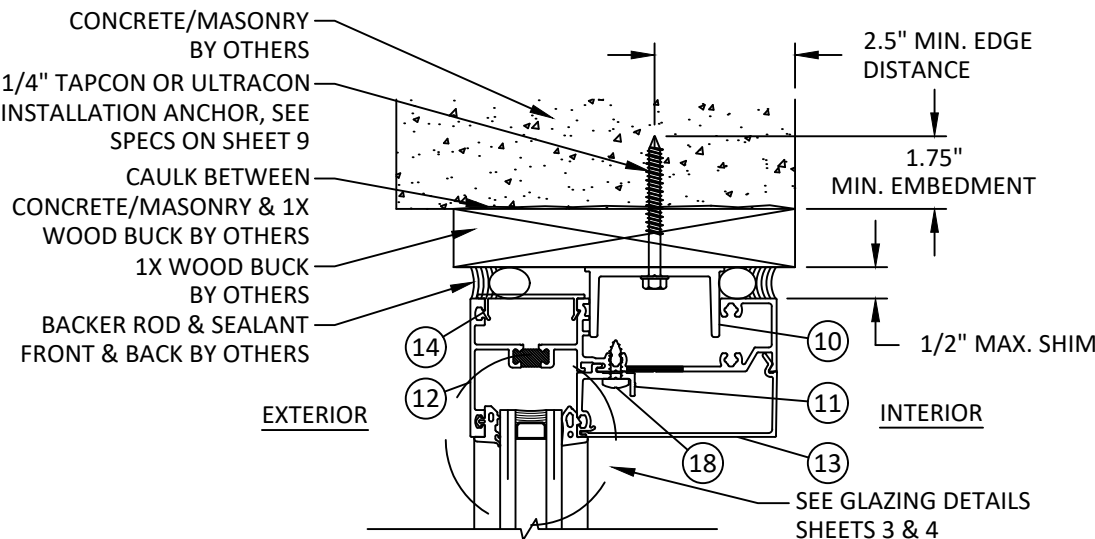
REMARKS	BY	DATE

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.

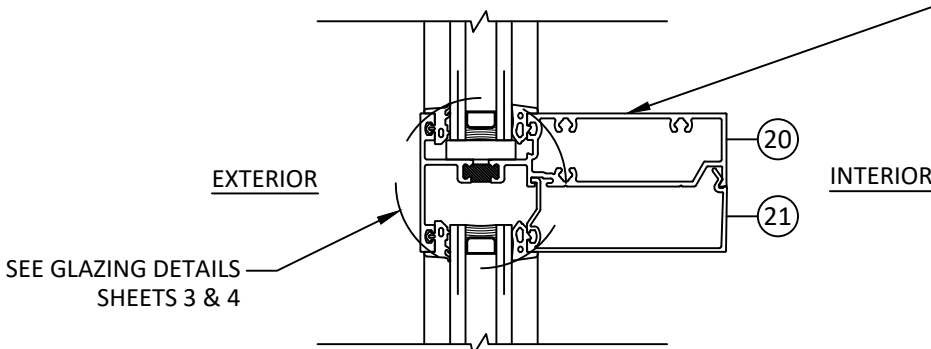


FL #:	FL12611
DATE:	10.08.25
DWG. BY:	SH
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK306
SHEET:	11

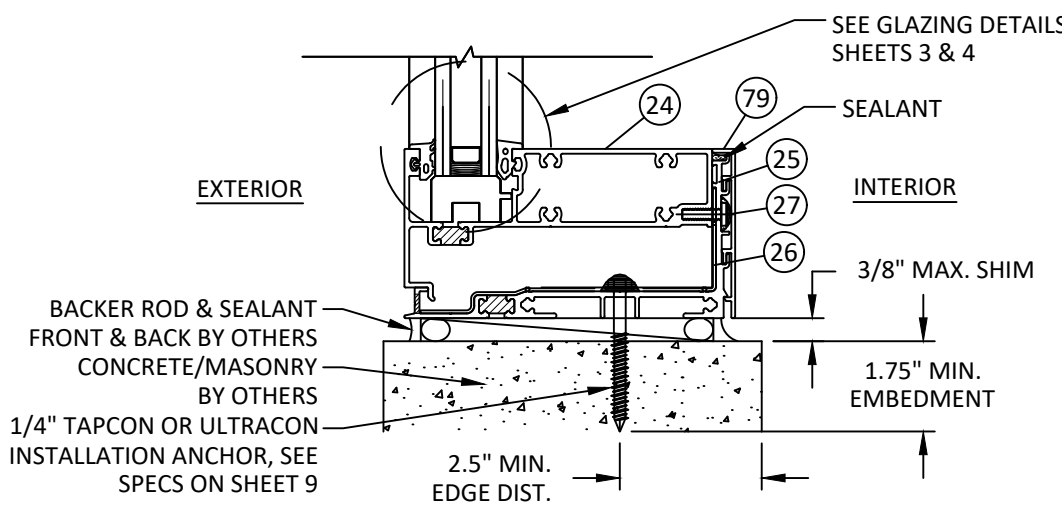
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A
12 VERTICAL SECTION
HEAD - CONCRETE/MASONRY W/ 1X BUCK
INSIDE GLAZED



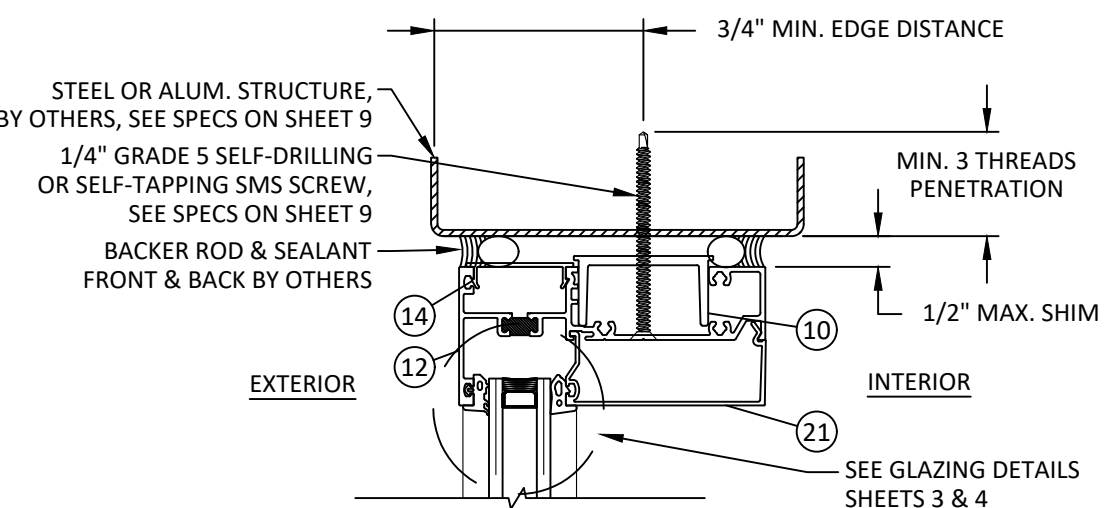
B
12 VERTICAL SECTION
HORIZONTAL MEMBER
INSIDE GLAZED



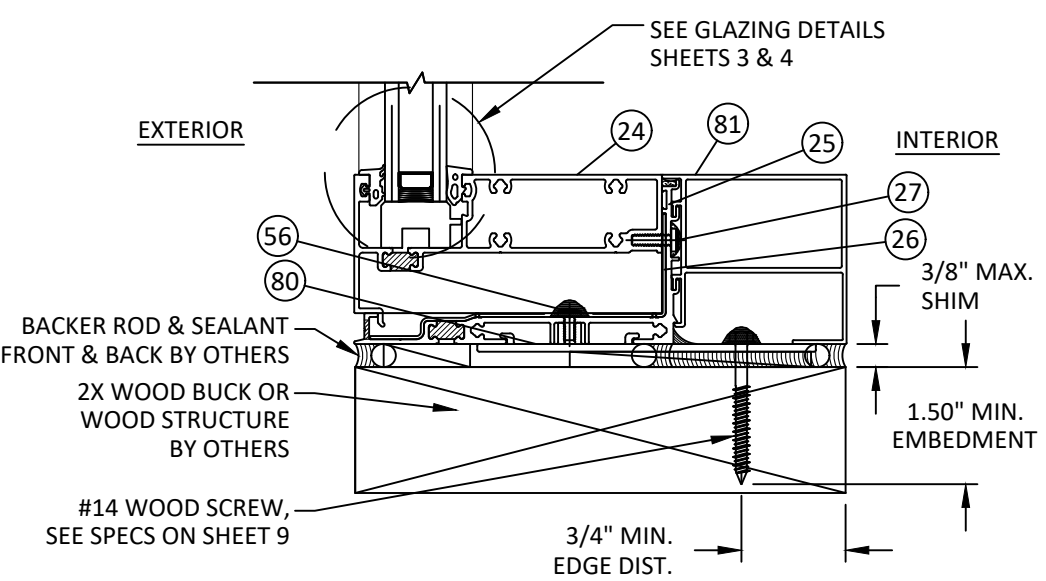
C
12 VERTICAL SECTION
SILL - DIRECT TO CONCRETE/MASONRY
INSIDE GLAZED

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



D
12 VERTICAL SECTION
HEAD - METAL SUBSTRATE
INSIDE GLAZED (OPTIONAL)



E
12 VERTICAL SECTION
SILL - STRAP INSTALLATION
INSIDE GLAZED

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

TITLE: YWW 50 TU WINDOW WALL
SYSTEM (FILED 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

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

FL #:
FL12611

DATE:
10.08.25

DWG. BY:
SH

CHK. BY:
HFN

SCALE:
NTS

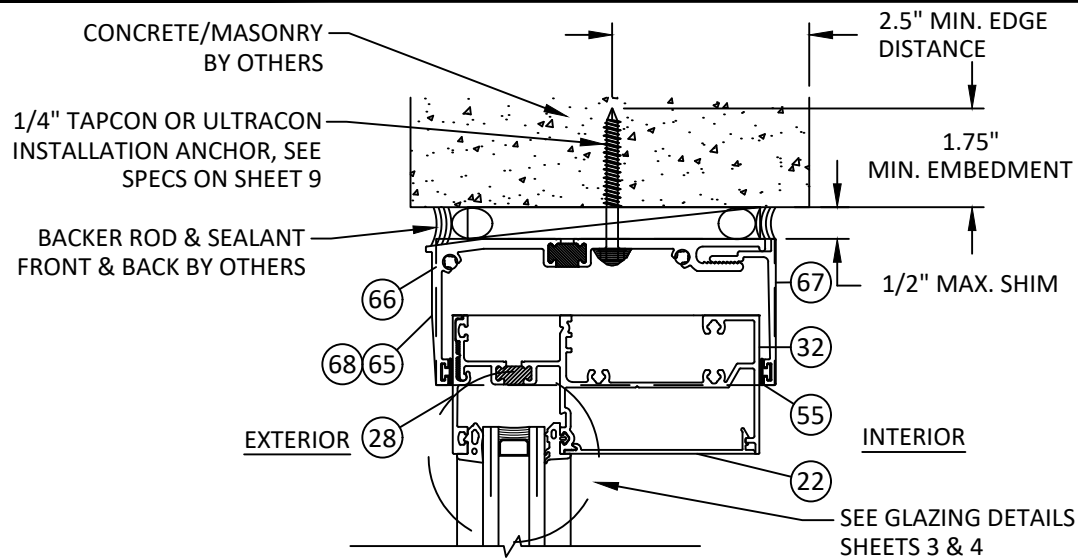
DWG. #:
YKK306

SHEET:
12

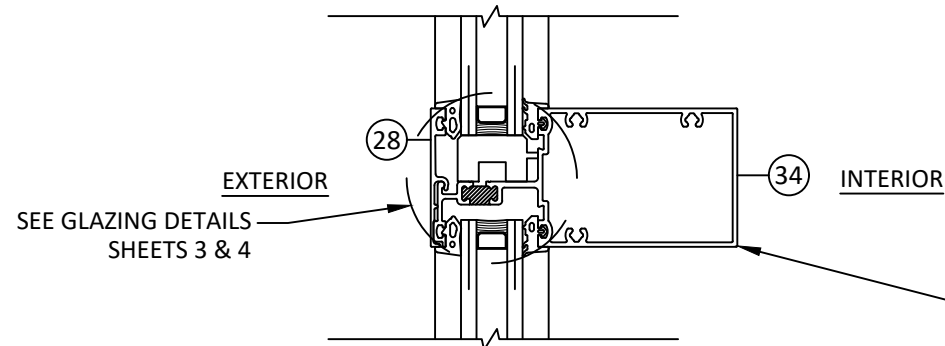
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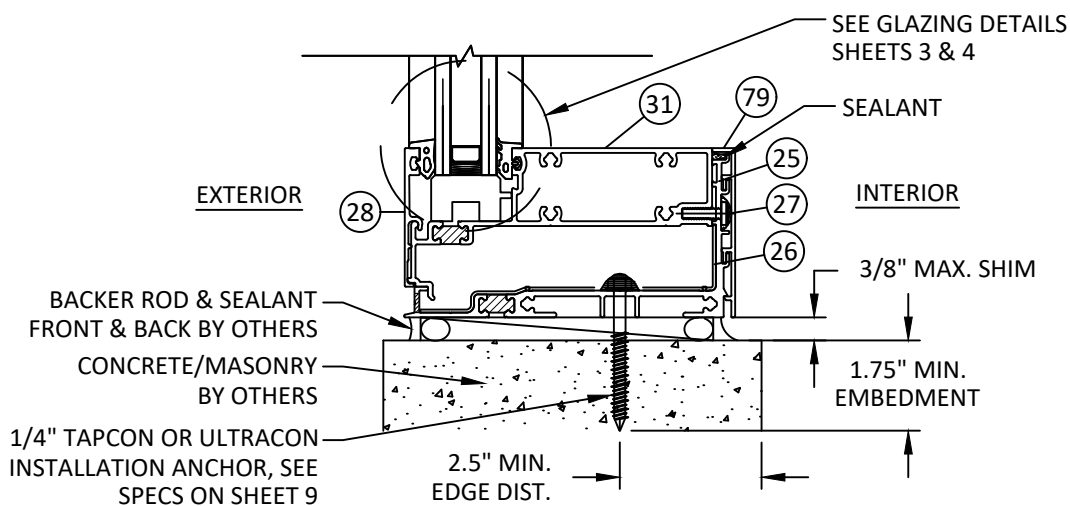
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F
13 **VERTICAL SECTION**
HEAD - DIRECT TO CONCRETE/MASONRY
OUTSIDE GLAZED W/HEAD RECEPTOR



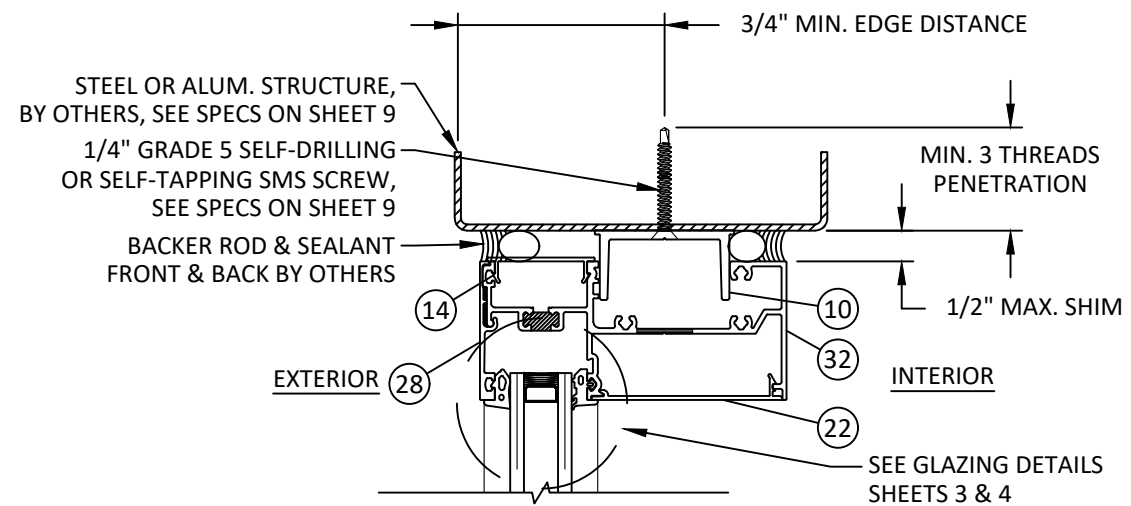
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13 **VERTICAL SECTION**
HORIZONTAL MEMBER
OUTSIDE GLAZED



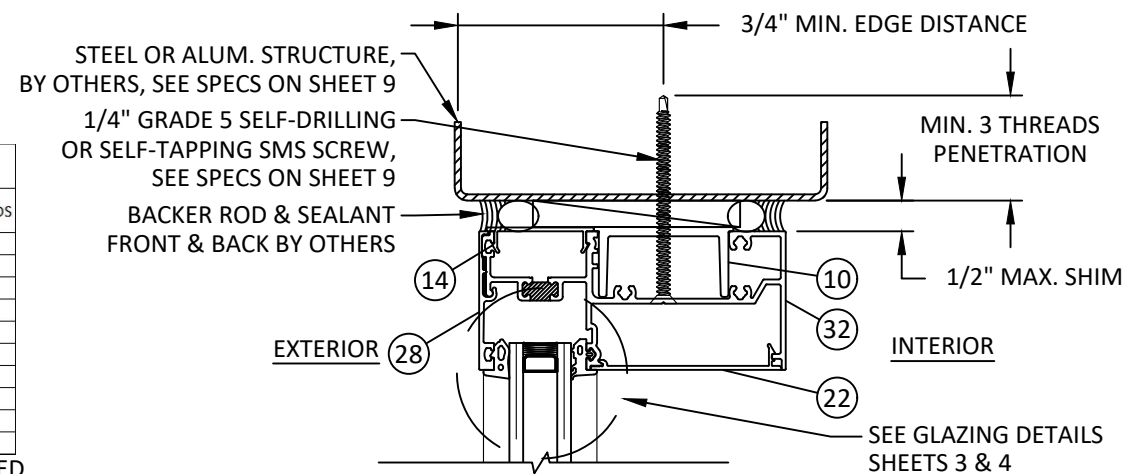
H
13 **VERTICAL SECTION**
SILL - DIRECT TO CONCRETE/MASONRY
OUTSIDE GLAZED

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

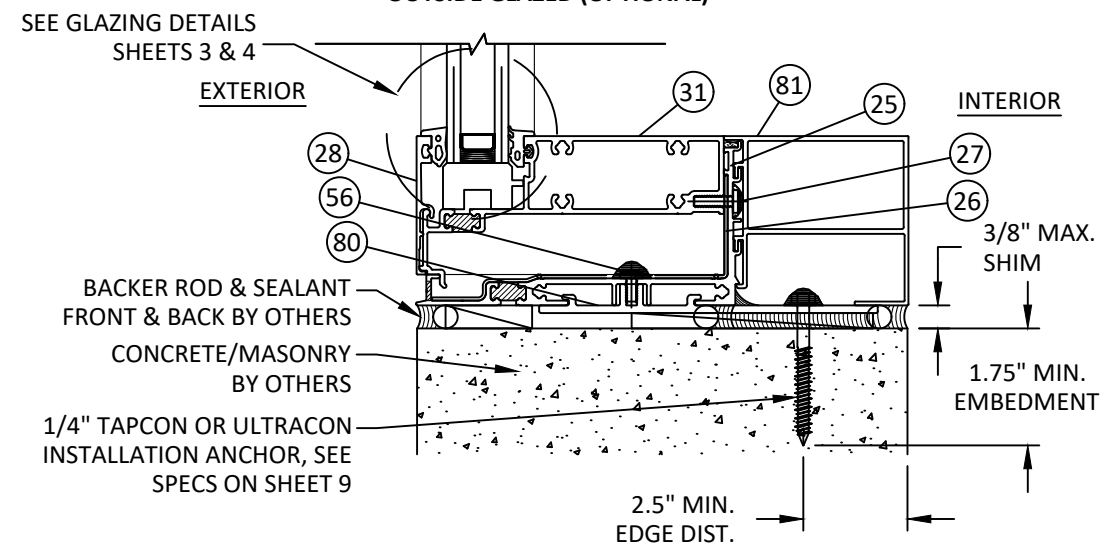
DESIGN LOADS SHOWN ABOVE ARE BASED ON MAX. GLASS AREA ABOVE HORIZONTAL



I
13 **VERTICAL SECTION**
HEAD - METAL SUBSTRATE
OUTSIDE GLAZED



J
13 **VERTICAL SECTION**
HEAD - METAL SUBSTRATE
OUTSIDE GLAZED (OPTIONAL)



K
13 **VERTICAL SECTION**
SILL - STRAP INSTALLATION
OUTSIDE GLAZED



YKK AP AMERICA

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

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

VERTICAL SECTIONS (OG)

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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FL #:

FL12611

DATE: **10.08.25**

DWG. BY: **SH** CHK. BY: **HFN**

SCALE: **NTS**

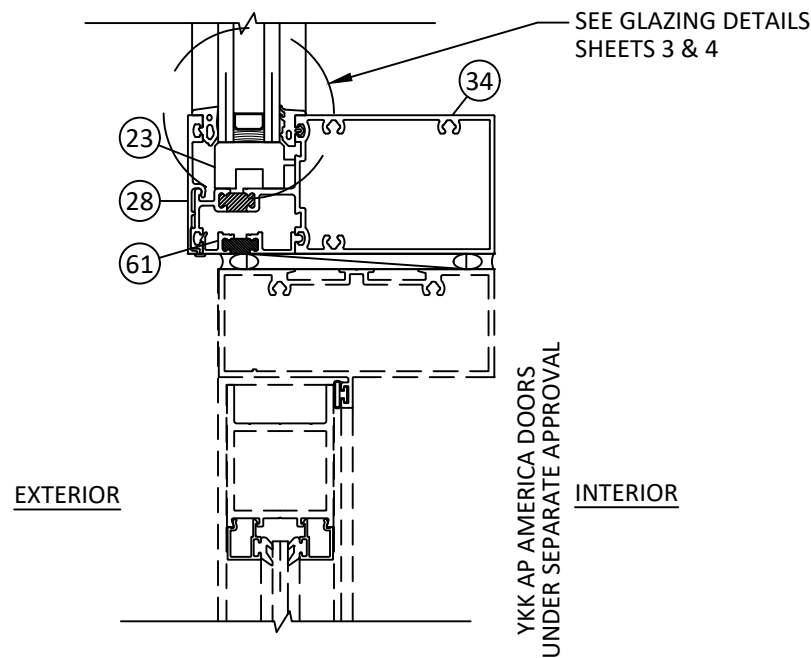
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SHEET:

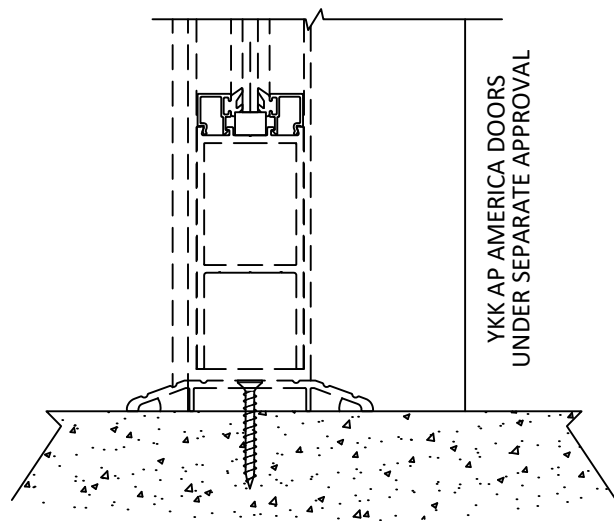
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OF 20

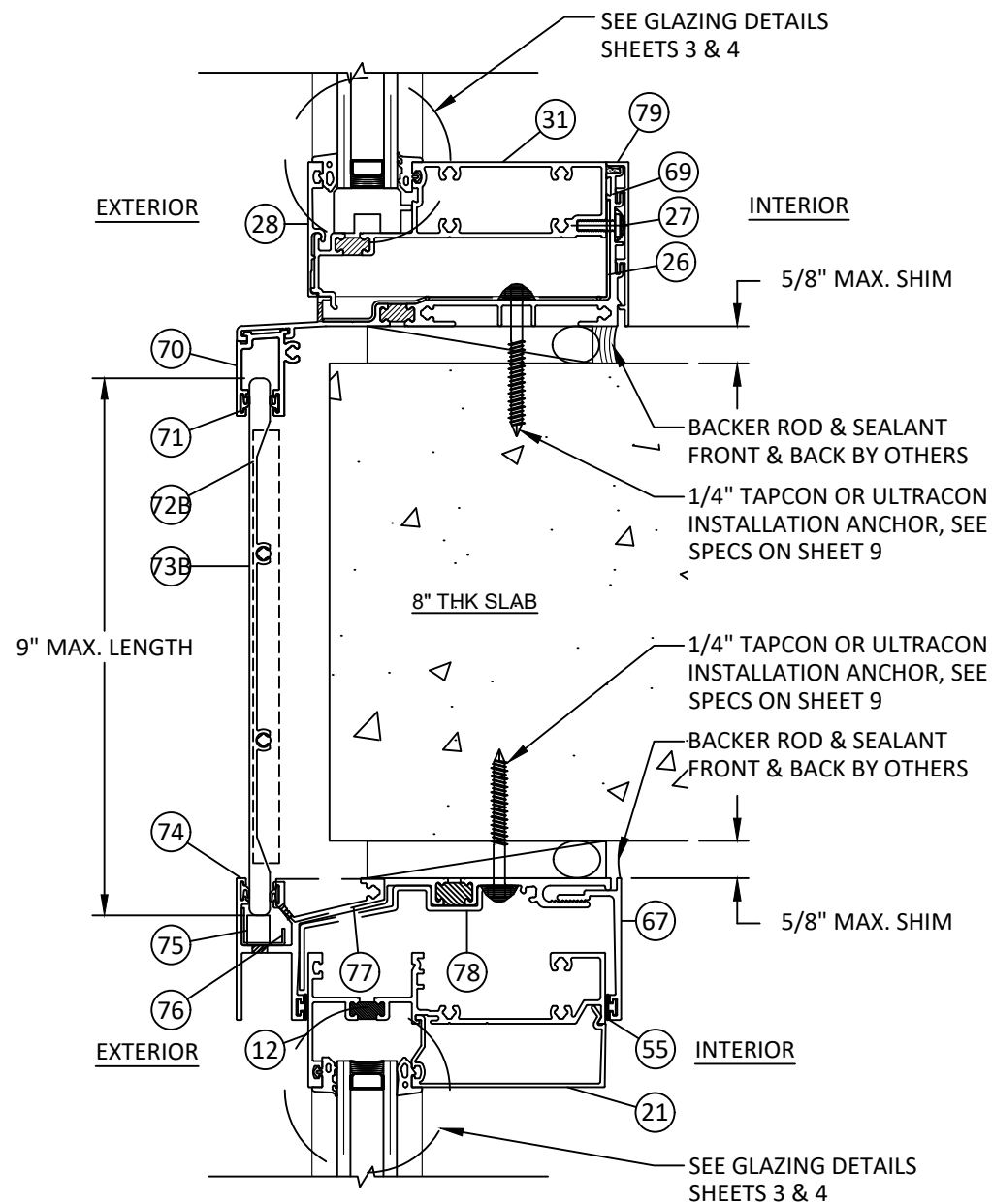
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L
14 VERTICAL SECTION
DOOR HEAD W/ TRANSOM



M
14 VERTICAL SECTION
DOOR SILL



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

N
14 VERTICAL SECTION
SLAB EDGE
OG OVER IG

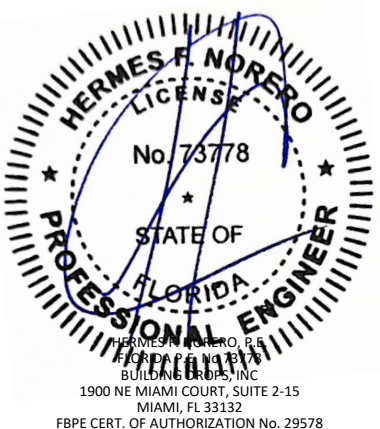


YKK AP AMERICA
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YWW 50 TU WINDOW WALL
SYSTEM (FILED 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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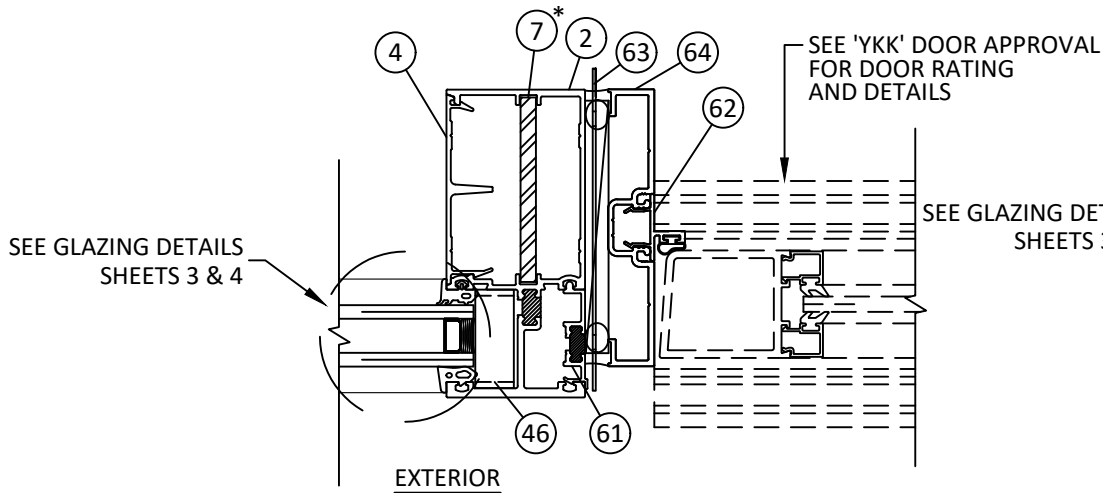


FL #:	FL12611
DATE:	10.08.25
DWG. BY:	SH
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK306
SHEET:	14

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NOTE: COMPONENTS WITH * ARE OPTIONAL.

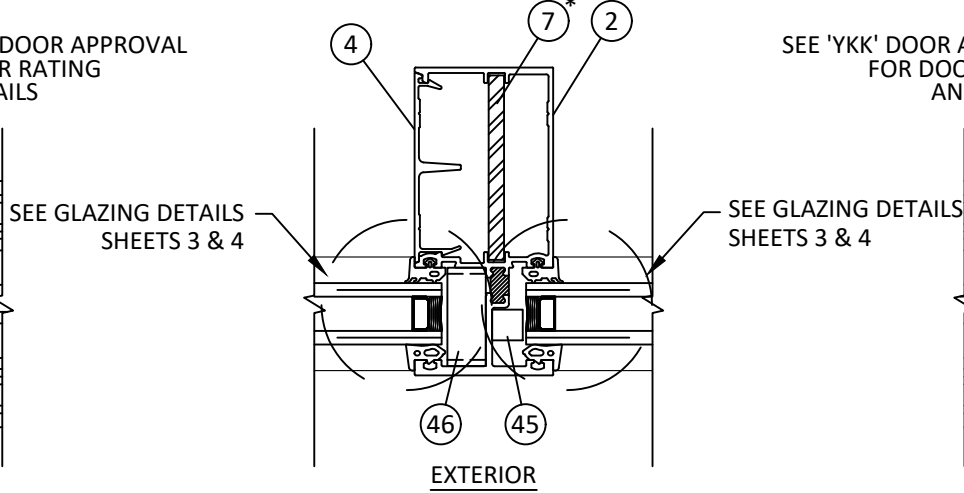
INTERIOR



EXTERIOR

O HORIZONTAL SECTION
15 DOOR SIDELITE
OUTSIDE GLAZED

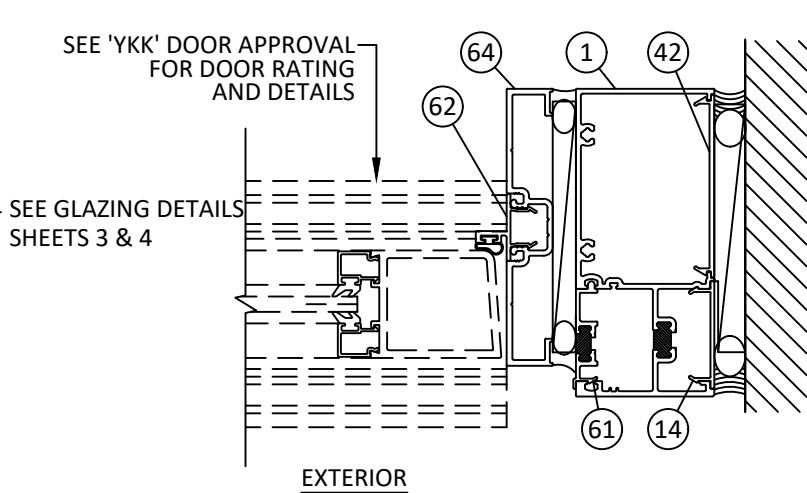
INTERIOR



EXTERIOR

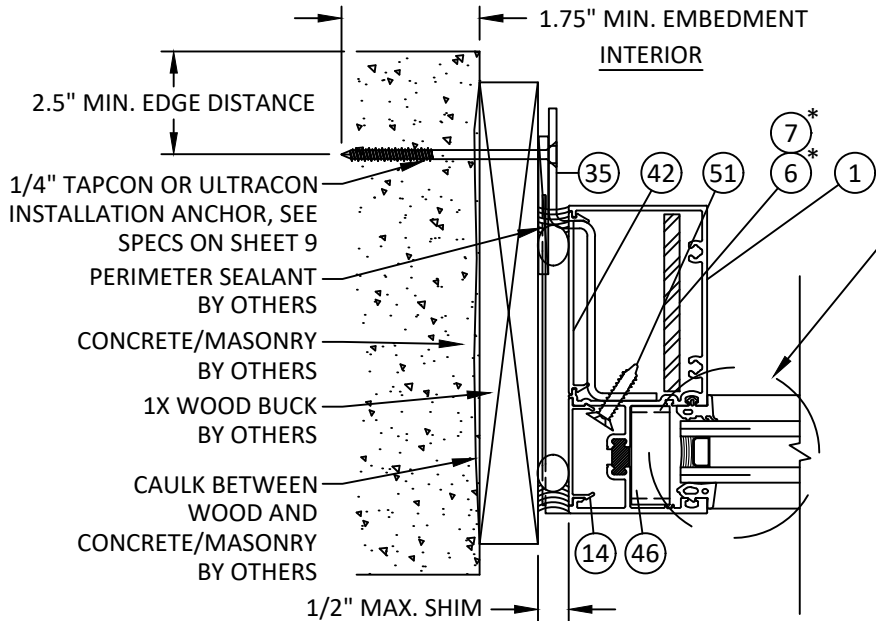
P HORIZONTAL SECTION
15 DOOR TRANSOM
OUTSIDE GLAZED

INTERIOR



EXTERIOR

Q HORIZONTAL SECTION
15 DOOR JAMB

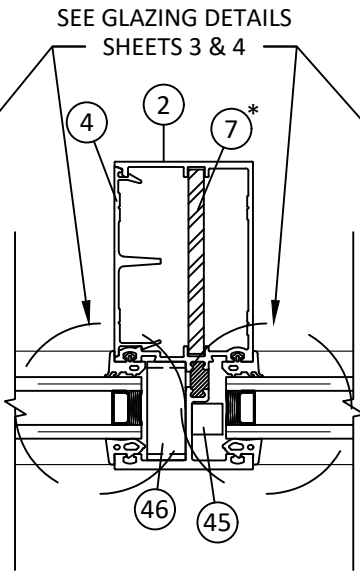


EXTERIOR

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

R HORIZONTAL SECTION
15 JAMB - CONCRETE/MASONRY W/ 1X BUCK
OUTSIDE GLAZED

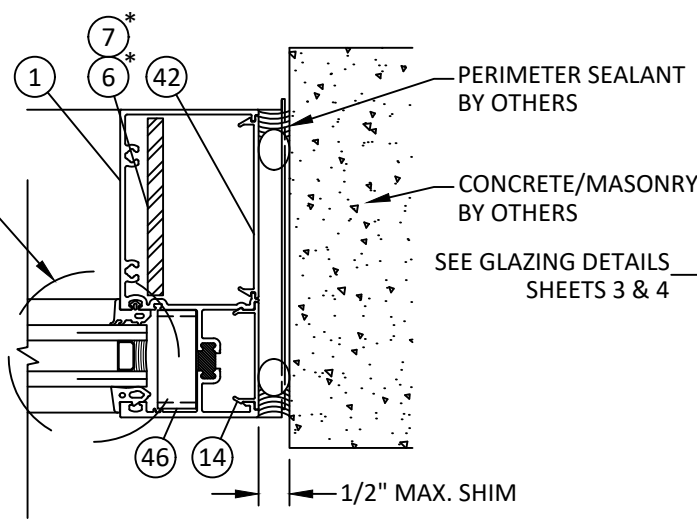
INTERIOR



EXTERIOR

S HORIZONTAL SECTION
15 VERTICAL MULLION
OUTSIDE GLAZED

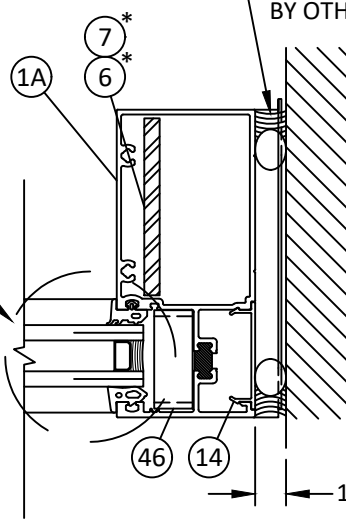
INTERIOR



EXTERIOR

T HORIZONTAL SECTION
15 JAMB - CONCRETE/MASONRY
OUTSIDE GLAZED

PERIMETER SEALANT
BY OTHERS



1/2" MAX. SHIM

U HORIZONTAL SECTION
15 TUBULAR JAMB
OUTSIDE GLAZED

YKK
ap Quality
inspires™

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

TITLE: YVW 50 TU WINDOW WALL
SYSTEM (FIELD GLAZED)
(HVHZ) (NON-IMPACT)

HORIZONTAL SECTIONS (DOOR & OG)

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, SUITE 2-15

MIAMI, FL 33132

PH: (954)399-8478

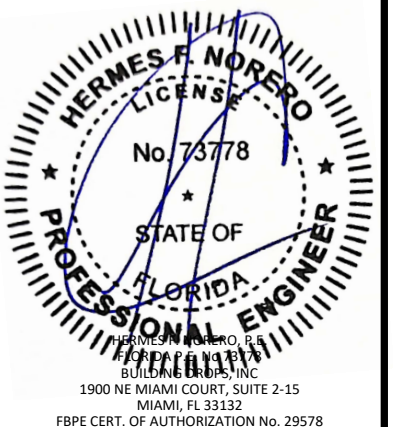
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE

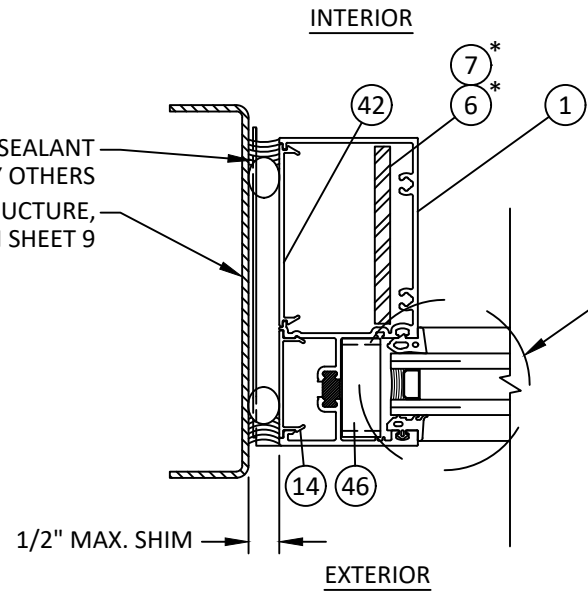
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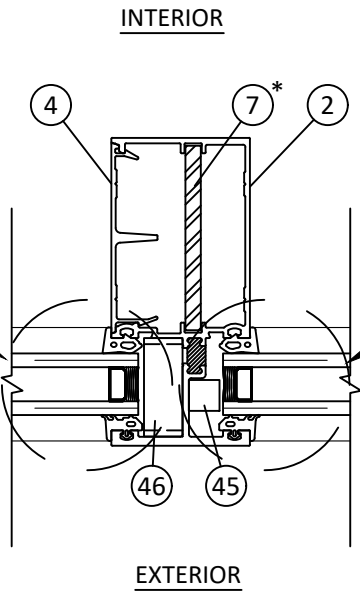
FL #:	FL12611
DATE:	10.08.25
DWG. BY:	SH
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK306
SHEET:	15

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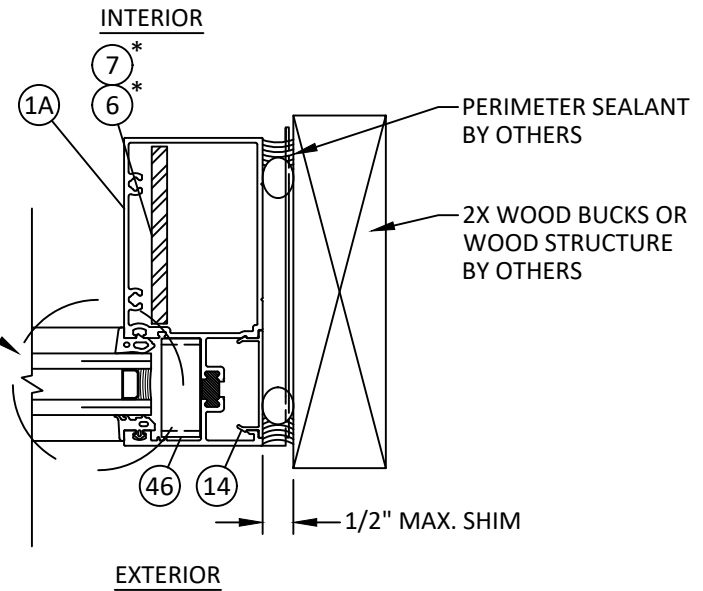
NOTE: COMPONENTS WITH * ARE OPTIONAL.



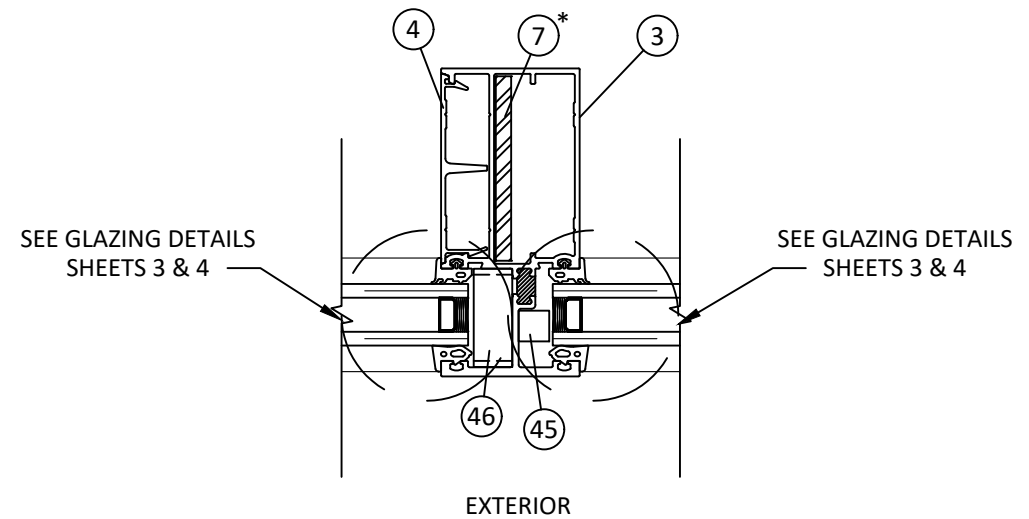
V
16 **HORIZONTAL SECTION**
JAMB - METAL SUBSTRATE
INSIDE GLAZED



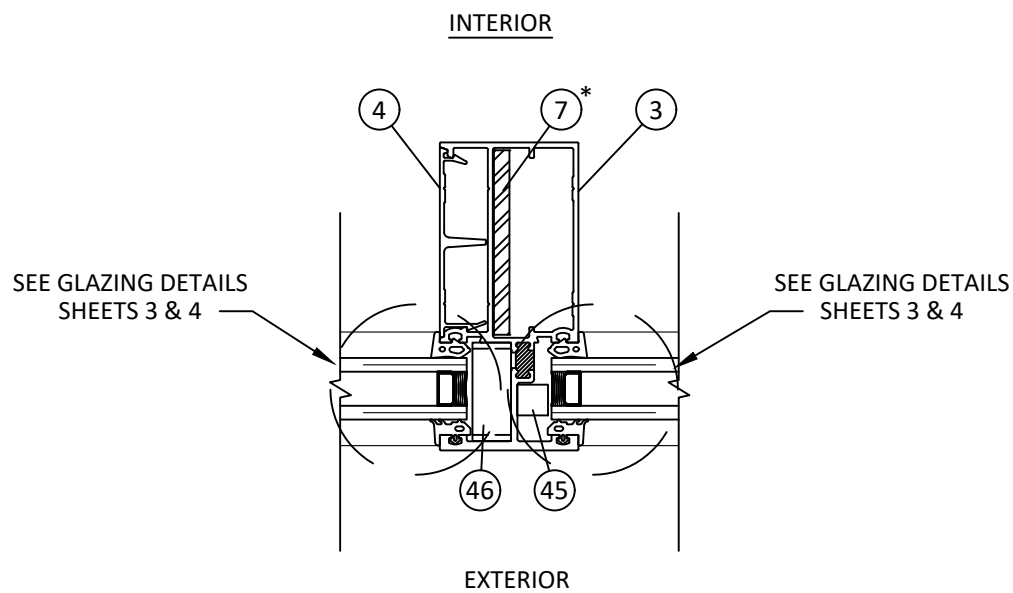
W
16 **HORIZONTAL SECTION**
VERTICAL MULLION
INSIDE GLAZED



X
16 **HORIZONTAL SECTION**
TUBULAR JAMB - WOOD FRAMING
INSIDE GLAZED



Y
16 **HORIZONTAL SECTION**
TUBULAR VERTICAL MULLION
OUTSIDE GLAZED



Z
16 **HORIZONTAL SECTION**
TUBULAR VERTICAL MULLION
INSIDE GLAZED



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

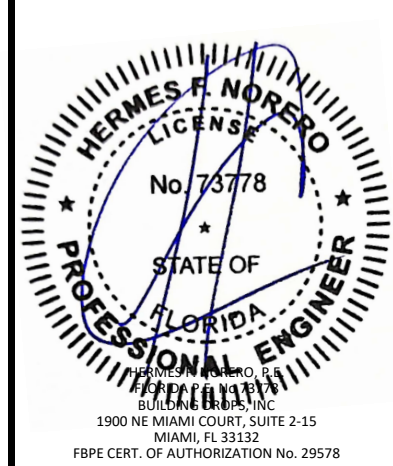
TITLE: YWW 50 TU WINDOW WALL
SYSTEM (FIELD GLAZED)
(HVHZ) (NON-IMPACT)
HORIZONTAL SECTIONS (IG & OG)

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

BUILDING DROPS

REMARKS	BY	DATE

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FL #:

FL12611

DATE: **10.08.25**

DWG. BY:	CHK. BY:
SH	HFN

SCALE: **NTS**

DWG. #: **YKK306**

SHEET:

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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	BE9-2767	VERTICAL MULLION	6063-T5	YKK AP AMERICA
3	BE9-2791	TUBULAR VERTICAL MULLION	6063-T5	YKK AP AMERICA
4	E9-8715	MULLION FILLER	6063-T5	YKK AP AMERICA
5	-	-	-	-
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	-	-	-	-
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	STAINLESS STEEL	-
28	E9-1715	EXTERIOR GLASS STOP	6063-T5	YKK AP AMERICA
29	BE9-2776	OPTIONAL HEAD	6063-T5	YKK AP AMERICA
30	-	-	-	-
31	BE9-2843	SILL OG	6063-T5	YKK AP AMERICA
32	BE9-2771	HEAD OG	6063-T5	YKK AP AMERICA
33	-	-	-	-
34	BE9-2789	HORIZONTAL OG	6063-T5	YKK AP AMERICA
35	E1-1143	JAMB STRAP ANCHOR	STEEL	6" LENGTH
36	-	-	-	-
37	-	-	-	-
38	-	-	-	-
39	-	-	-	-
40	-	-	-	-
41	-	-	-	-
42	E3-0032	FLAT FILLER	PVC	-
43	PC-1220	#12 X 1-1/4" PHSMS TYPE AB	ZINC PLATED STEEL	-
44	-	-	-	-

BILL OF MATERIALS				
ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
45	E2-0019	SIDE BLOCK	EPDM	-
46	E2-0546	ANTI-WALK BLOCK	EPDM	-
47	-	-	-	-
48	-	-	-	-
49	-	-	-	-
50	-	-	-	-
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 (SMALL)	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	BY7-8426	ALT. HEAD RECEPTOR	6063-T5	YKK AP AMERICA
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
1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

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

BILL OF MATERIALS

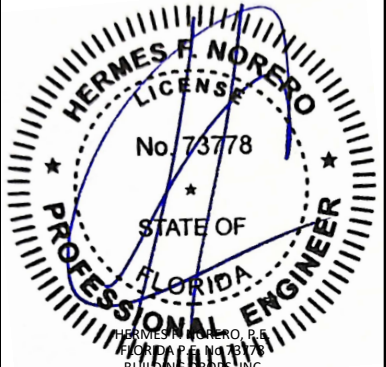
PREPARED BY:

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

FL #:

FL12611

DATE:

10.08.25

DWG. BY:

SH

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK306

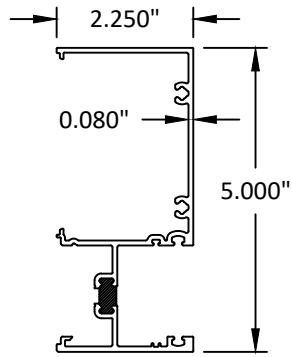
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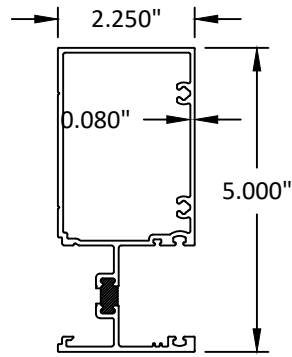
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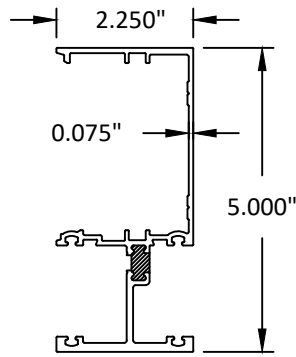
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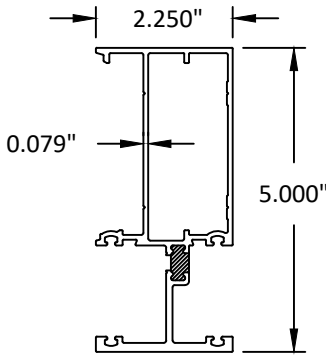
1 JAMB



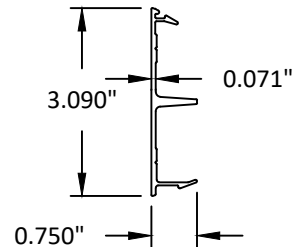
1A TUBULAR JAMB



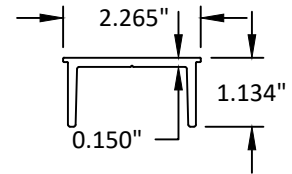
2 VERTICAL MULLION



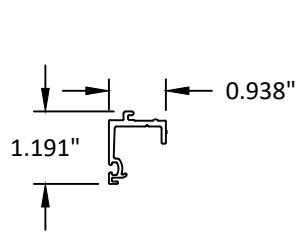
3 TUBULAR VERTICAL MULLION



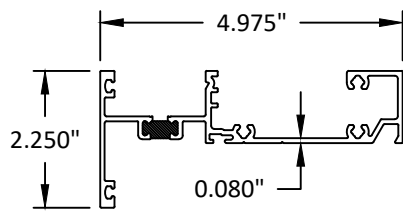
4 MULLION FILLER



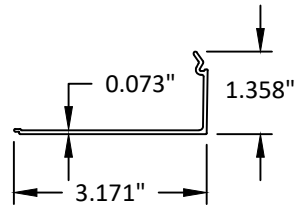
10 HEAD ANCHOR



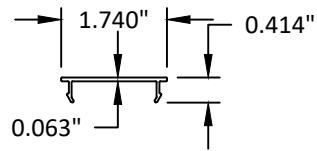
11 IG GLASS STOP



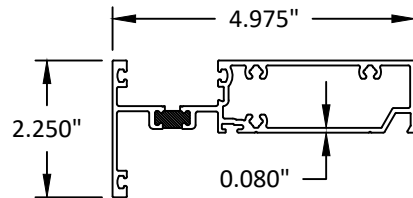
12 HEAD IG



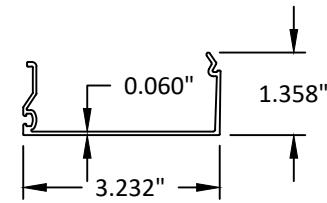
13 INTERIOR COVER



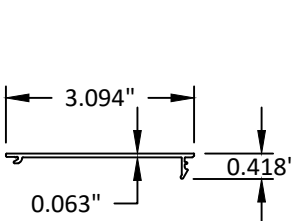
14 PVC PERIMETER/POCKET FILLER



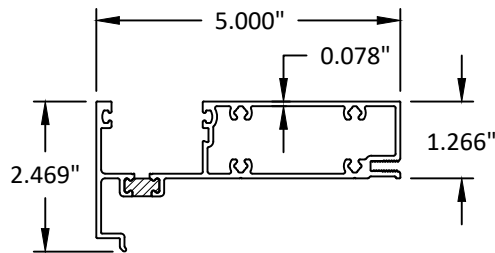
20 HORIZONTAL IG



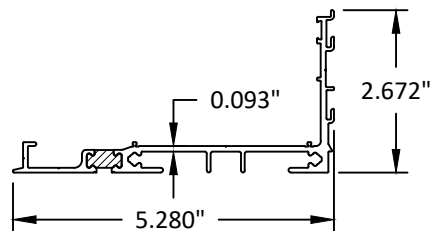
21 GLASS STOP



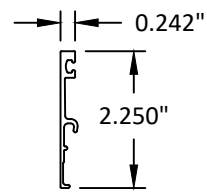
22 FLUSH FILLER



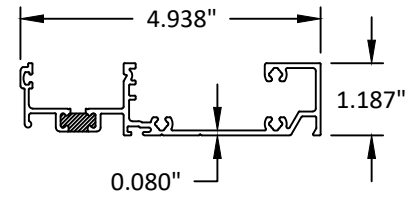
24 SILL IG



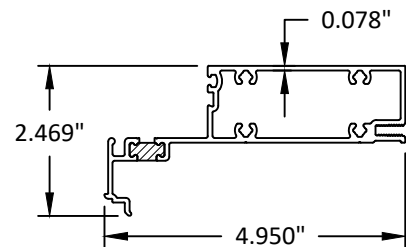
25 SILL FLASHING



28 EXTERIOR GLASS STOP



29 OPTIONAL HEAD



31 SILL OG



YKK AP AMERICA

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

TITLE: YWW 50 TU WINDOW WALL
SYSTEM (FILED 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
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REMARKS	BY	DATE

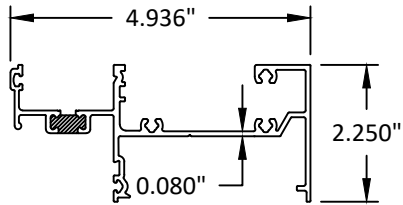
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DWG. BY:	SH
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK306
SHEET:	19
	OF 20

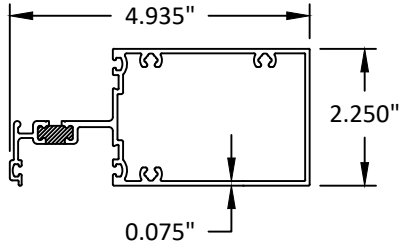
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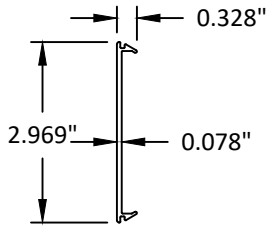
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HEAD OG



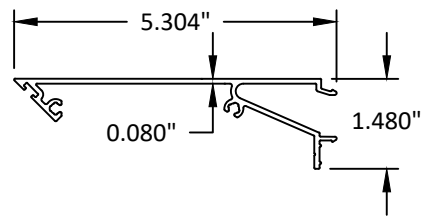
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HORIZONTAL OG



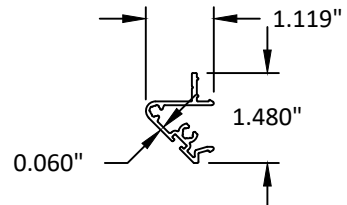
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FLAT FILLER



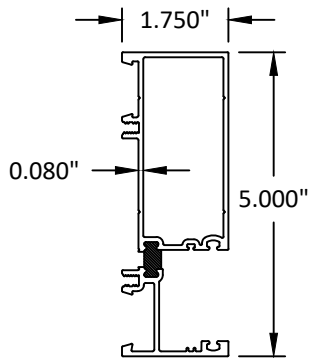
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90 DEGREE CORNER COVER (LARGE)



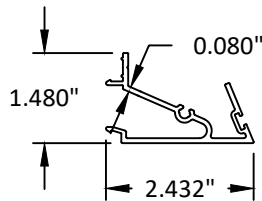
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90 DEGREE CORNER COVER (SMALL)



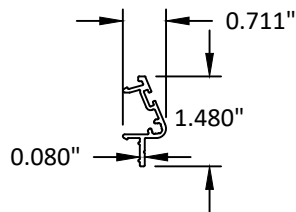
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CORNER MULLION HALF



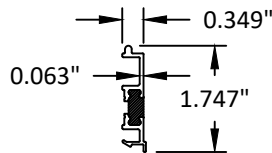
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135 DEGREE CORNER COVER (LARGE)



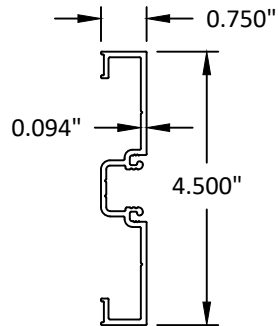
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135 DEGREE CORNER COVER (SMALL)



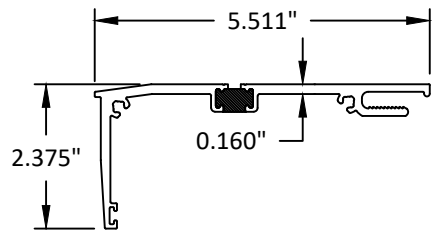
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FLAT FILLER



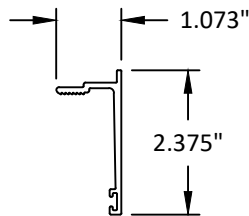
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DOOR JAMB ADAPTOR SUBFRAME



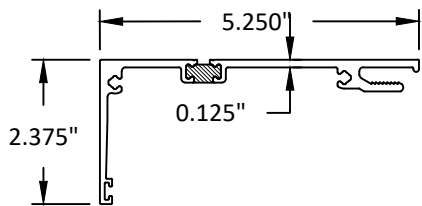
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HEAD RECEPTOR



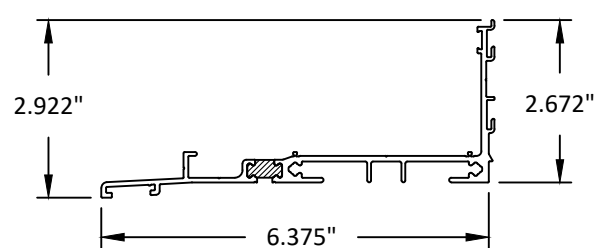
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RECEPTOR SNAP COVER



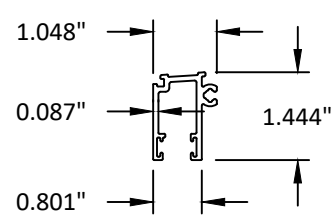
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ALT. HEAD RECEPTOR



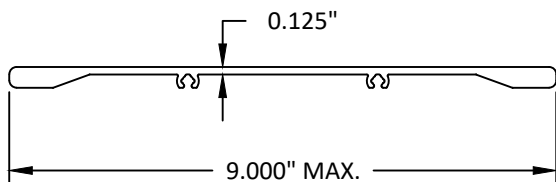
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SILL FLASHING FOR SLAB EDGE



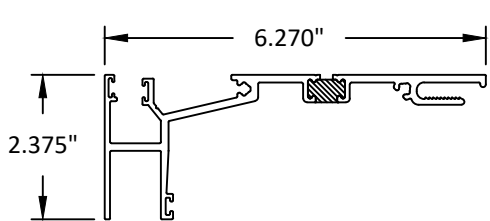
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PLATE ADAPTER



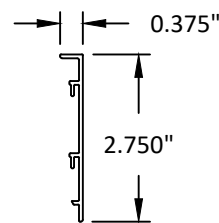
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SLAB EDGE COVER



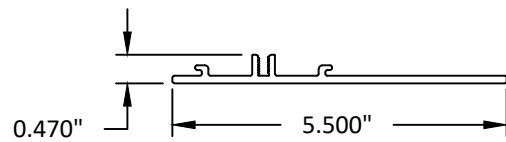
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HEAD RECEPTOR



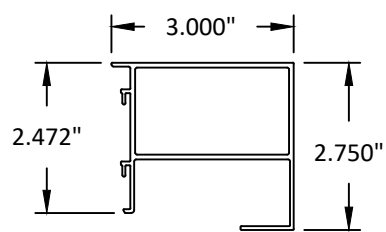
79

SILL FLASHING INTERIOR COVER



80

SILL STRAP ANCHOR



81

ALT. SILL FLASHING
INTERIOR COVER



YKK AP AMERICA

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

TITLE: YVW 50 TU WINDOW WALL
SYSTEM (FILED GLAZED)
(HVHZ) (NON-IMPACT)

COMPONENTS (2)

PREPARED BY: BUILDING DROPS, INC.

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