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YKK AP AMERICA INC.

YES 45 TU FRONT SET STOREFRONT SYSTEM (NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

- SEE TABLE ON SHEET 10 FOR ANCHOR TYPES, MINIMUM EMBEDMENTS, AND MINIMUM EDGE DISTANCES. ALL ANCHOR REQUIREMENTS MUST BE ADHERED TO. ANY DEVIATIONS FROM ANCHOR REQUIREMENTS REQUIRES SEPARATE EVALUATION AND APPROVAL.
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ 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.
- 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.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- 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.
- 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 18 GA. WALL THICKNESS.
E. ALUMINUM - MINIMUM 1/16 INCH THICK 6063-T5 ALUMINUM.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA 501-15
 - ASTM E283-19
 - ASTM E330-14(21)
 - ASTM E331-00(16)
- 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- STOREFRONT FRAME MATERIAL: ALUMINUM 6063-T5
- 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.
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAILS.

INSTRUCTIONS FOR USE:

- DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, & WIND ZONE USING APPLICABLE ASCE 7 STANDARDS.
- SEE CHARTS ON SHEET 3 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 4-9, THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- USING CHARTS ON SHEETS 11-13, SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- THE LOWEST VALUE RESULTING FROM STEPS 2, 3, AND 4 SHALL APPLY TO ENTIRE SYSTEM.

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YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

INSTALLATION &
GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

PH: (954) 999-8478

FAX: (954) 744-4738

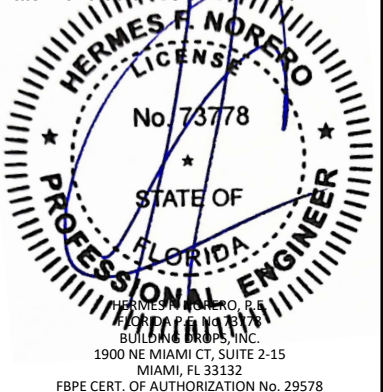
WEB: www.buildingdrops.com



REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

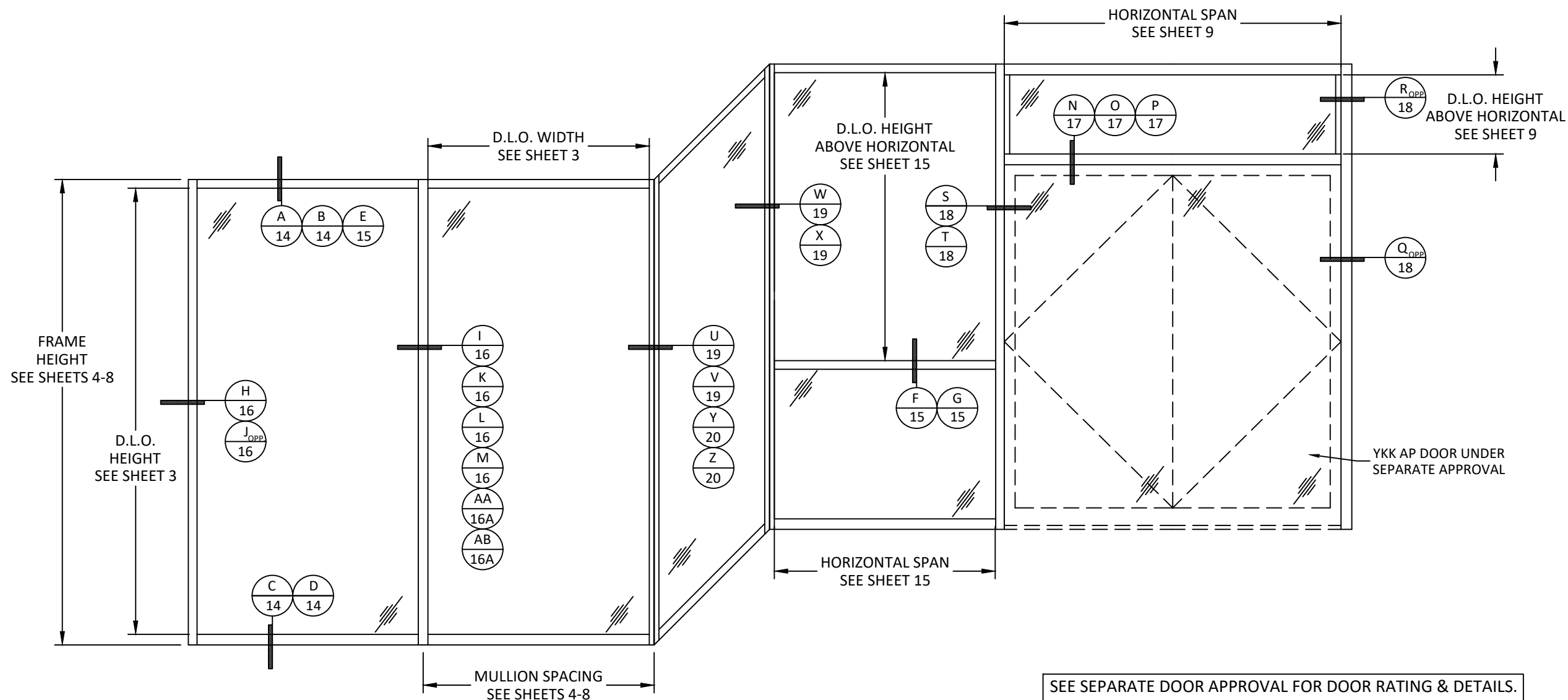
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Reason: I am approving this document
Date: 2026.06.01 18:04:48 -04'00'



FL #:	FL12926
DATE:	08.10.17
DWG. BY:	CHK. BY:
SH	HFN
SCALE:	NTS
DWG. #:	YKK219
SHEET:	1

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ELEVATION



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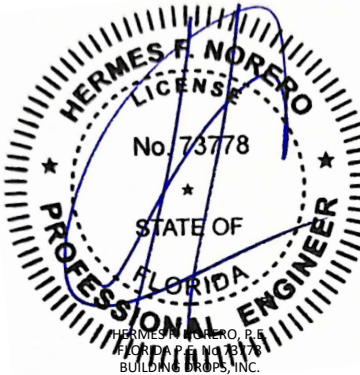
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HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL12926

DATE: 08.10.17

DWG. BY: SH

CHK. BY: HFN

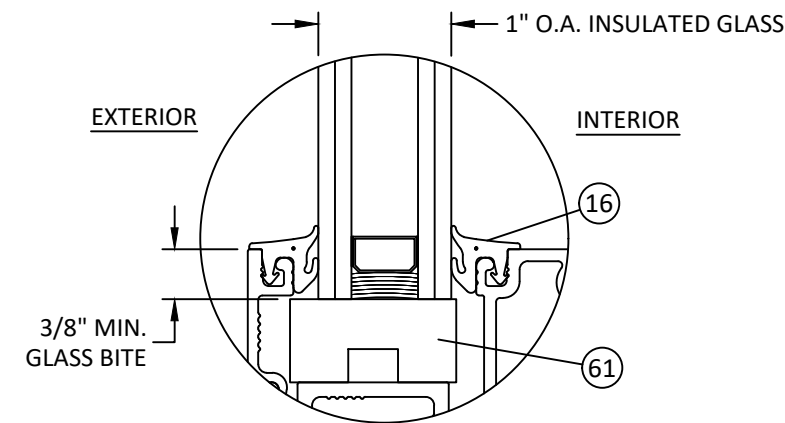
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DWG. #: YKK219

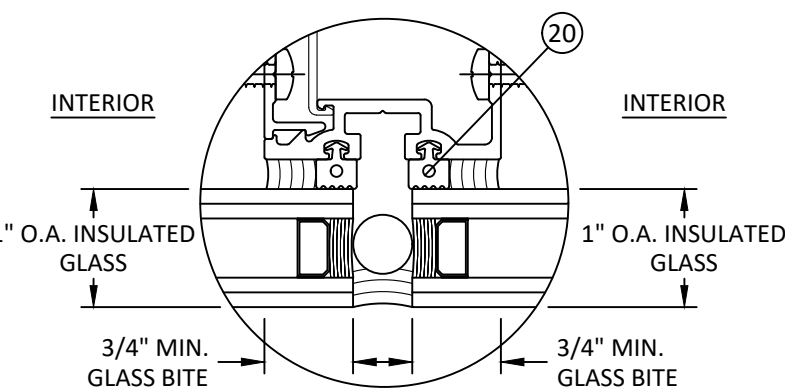
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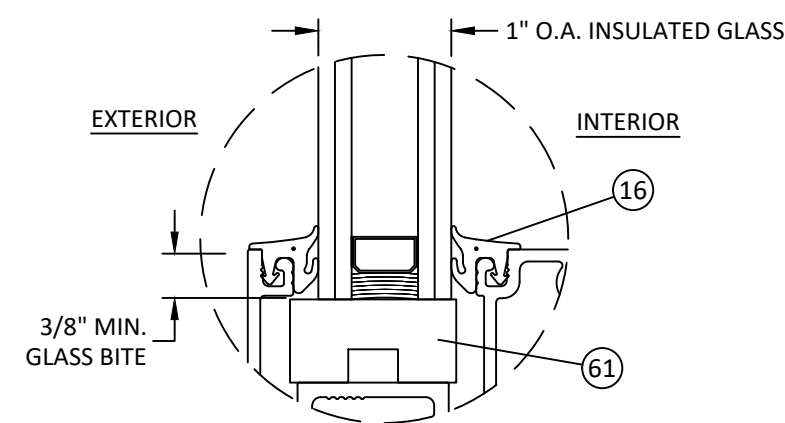
GLASS CAPACITY TABLES



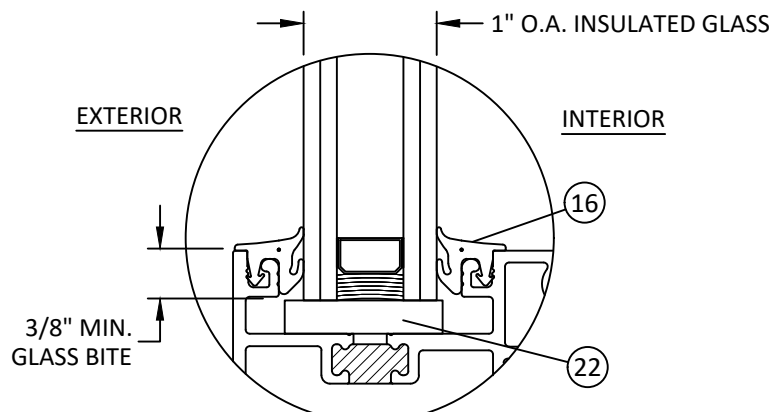
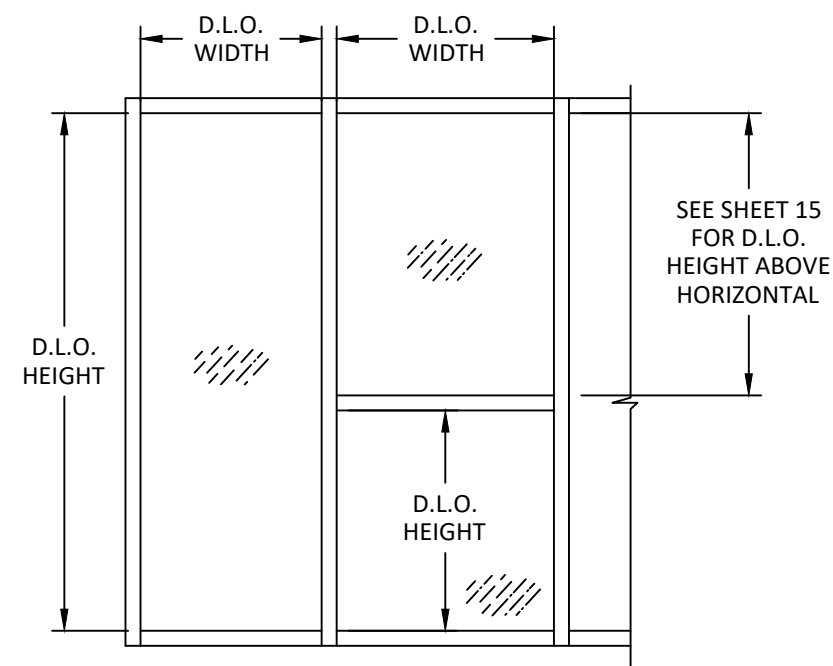
GLAZING DETAIL 1
OUTSIDE GLAZED (OG)



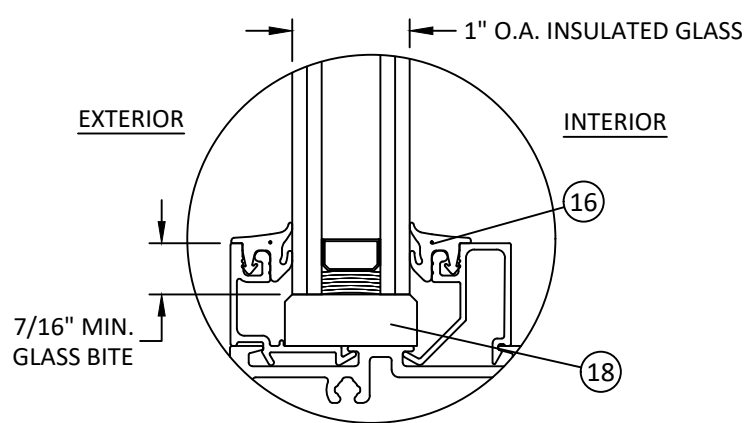
GLAZING DETAIL 2
STRUCTURAL SILICONE GLAZED (SSG)



GLAZING DETAIL 3
INSIDE GLAZED (IG)



GLAZING DETAIL 4
INSIDE GLAZED HORIZONTAL (IG)



GLAZING DETAIL 5
TRANSOM

GLASS LOAD CAPACITY			
D.L.O. WIDTH (IN.)	D.L.O. HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)	
		G1, G3, G4 & G5	G2
28	62	48.2	37.8
34		42.4	33.2
40		36.3	28.8
46		31.5	25.0
52		27.9	22.1
58		25.0	19.8
64		23.4	-
70		23.4	-
76		23.4	-
82		23.4	-
88	68	23.4	-
94		23.4	-
28		47.0	36.9
34		41.0	32.1
40		36.3	28.8
46		31.5	25.0
52		27.9	22.1
58		25.0	-
64		22.7	-
70		21.3	-
76	74	21.3	-
82		21.3	-
88		21.3	-
28		46.1	36.1
34		39.9	31.3
40		35.8	28.1
46		31.5	25.0
52		27.9	-
58		25.0	-
64		22.7	-
70	80	20.7	-
76		19.6	-
28		45.3	35.5
34		39.1	30.6
40		34.9	27.3
46		31.5	25.0
52		27.9	-
58		25.0	-
64		22.7	-
70		20.7	-
28	86	44.6	35.0
34		38.3	30.0
40		34.1	26.7
46		31.0	-
52		27.9	-
58		25.0	-
64		22.7	-
70		20.7	-

GLASS LOAD CAPACITY			
D.L.O. WIDTH (IN.)	D.L.O. HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)	
		"G1, G3, G4 & G5"	G2
28	92	44.0	34.5
34		37.7	29.6
40		33.4	26.2
46		30.3	-
52		27.9	-
58		25.0	-
64	98	22.7	-
28		43.6	34.1
34		37.2	29.2
40		32.8	-
46		29.7	-
52		27.4	-
58	104	25.0	-
28		43.2	33.8
34		36.8	28.8
40		32.4	-
46		29.2	-
52		26.8	-
58	110	25.0	-
28		42.8	33.5
34		36.4	-
40		32.0	-
46		28.7	-
52		26.3	-
28	116	42.5	33.3
34		36.0	-
40		31.6	-
46		28.4	-
52		25.9	-
58	122	42.2	33.1
28		35.7	-
34		31.3	-
40		28.0	-
46		24.9	-
52	128	41.9	32.9
28		35.5	-
34		31.0	-
40		27.7	-
46		24.7	-
52	134	41.7	-
28		35.2	-
34		30.7	-
40		27.7	-
46		24.7	-
52	140	41.5	-
28		35.0	-
34		30.5	-
40		27.7	-
46		24.7	-
52	146	41.3	-
28		34.8	-
34		30.3	-
40		27.7	-
46		24.7	-
52	152	41.1	-
28		34.6	-
34		30.3	-
40		27.7	-
46		24.7	-

- GLAZING NOTES:
- GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. PER THE FBC 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 CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 - D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

YKK AP AMERICA, INC.
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ATLANTA, GA 30303
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TITLE: YES 45 TU FRONT SET STOREFRONT SYSTEM (NON-HVHZ) (NON-IMPACT) GLAZING DETAILS & GLASS CAPACITY TABLES

PREPARED BY: BUILDING DROPS, INC.
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MIAMI, FL 33132
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REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL12926**

DATE: **08.10.17**

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

DWG. #: **YKK219**

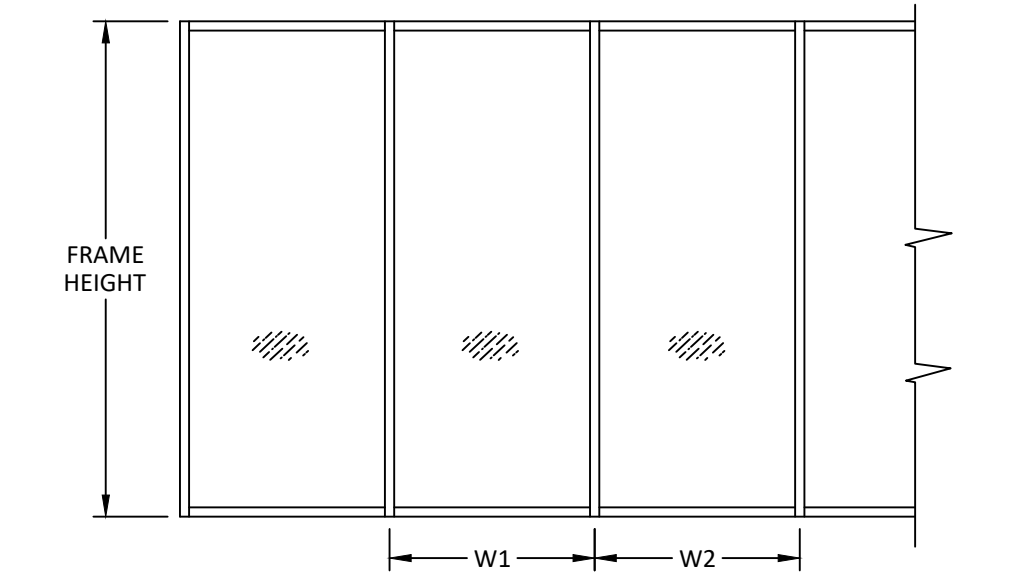
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VERTICAL MULLION CAPACITY TABLES

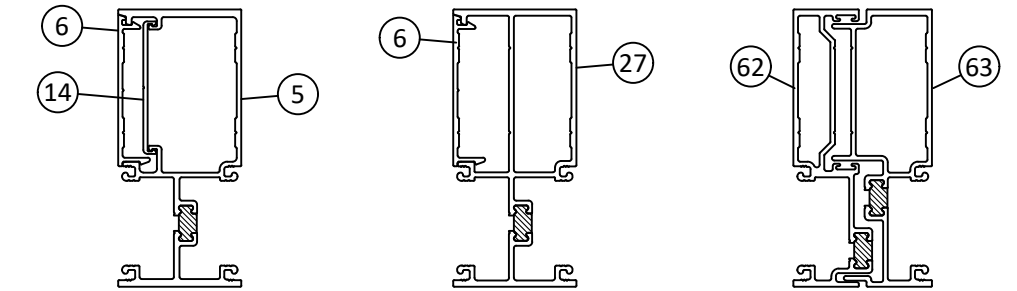
MULLION LOAD CAPACITY							
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)					
		M1	M2	M3	M4	M5	M6
30	66	80.0	80.0	50.9	74.2	80.0	80.0
36		68.2	80.0	42.4	61.8	80.0	71.5
42		58.4	80.0	36.4	53.0	80.0	61.2
48		51.1	80.0	31.8	46.4	80.0	53.6
54		45.5	73.1	28.3	41.2	80.0	47.6
60		40.9	65.8	25.5	37.1	80.0	42.9
66		37.2	59.8	23.1	33.7	80.0	39.0
72		34.1	54.8	21.2	30.9	80.0	35.7
78		31.5	50.6	19.6	28.5	80.0	33.0
84		29.2	47.0	18.2	26.5	80.0	30.6
90	72	27.3	43.9	-	-	80.0	28.6
96		25.6	41.1	-	-	80.0	26.8
30		75.0	80.0	46.7	62.3	80.0	72.1
36		62.5	80.0	38.9	51.9	80.0	60.0
42		53.6	79.0	33.3	44.5	80.0	51.5
48		46.9	69.1	29.2	38.9	80.0	45.0
54		41.7	61.4	25.9	34.6	80.0	40.0
60		37.5	55.3	23.3	31.2	80.0	36.0
66		34.1	50.3	21.2	28.3	80.0	32.8
72		31.3	46.1	19.4	26.0	80.0	30.0
78	78	28.8	42.5	17.9	24.0	80.0	27.7
84		26.8	39.5	-	-	80.0	25.7
90		25.0	36.9	-	-	80.0	24.0
30		69.2	80.0	43.1	53.1	80.0	61.4
36		57.7	78.5	35.9	44.2	80.0	51.2
42		49.5	67.3	30.8	37.9	80.0	43.9
48		43.3	58.9	26.9	33.2	80.0	38.4
54		38.5	52.4	23.9	29.5	80.0	34.1
60		34.6	47.1	21.5	26.5	80.0	30.7
66		31.5	42.8	19.6	24.1	80.0	27.9
72	84	28.8	39.3	17.9	22.1	80.0	25.6
78		26.6	36.2	-	-	80.0	23.6
30		64.3	80.0	40.0	43.3	80.0	50.1
36		53.6	67.7	33.3	36.1	80.0	41.7
42		45.9	58.0	28.6	30.9	80.0	35.8
48		40.2	50.8	25.0	27.1	80.0	31.3
54		35.7	45.1	22.2	24.1	80.0	27.8
60		32.1	40.6	20.0	21.7	80.0	25.0
66		29.2	36.9	18.2	19.7	80.0	22.8
72		26.8	33.9	-	-	74.8	20.9
30	90	60.0	70.8	32.5	35.2	80.0	40.7
36		50.0	59.0	27.1	29.3	80.0	33.9
42		42.9	50.6	23.2	25.2	80.0	29.1
48		37.5	44.2	20.3	22.0	80.0	25.4
54		33.3	39.3	18.1	19.6	80.0	22.6
60		30.0	35.4	16.3	17.6	72.9	20.4
66		27.3	32.2	-	-	66.3	18.5
72		25.0	29.5	-	-	60.8	17.0

MULLION LOAD CAPACITY							
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)					
		M1	M2	M3	M4	M5	M6
30	96	56.3	62.2	26.8	29.0	80.0	33.6
36		46.9	51.8	22.3	24.2	80.0	28.0
42		40.2	44.4	19.1	20.7	80.0	24.0
48		35.2	38.9	16.7	18.1	75.1	21.0
54		31.3	34.6	14.9	16.1	66.8	18.6
60		28.1	31.1	13.4	14.5	60.1	16.8
66		25.6	28.3	-	-	54.6	15.3
30	102	52.9	55.1	22.3	24.2	80.0	28.0
36		44.1	45.9	18.6	20.2	80.0	23.3
42		37.8	39.4	16.0	17.3	71.6	20.0
48		33.1	34.4	14.0	15.1	62.6	17.5
54		29.4	30.6	12.4	13.4	55.7	15.5
60		26.5	27.6	-	-	50.1	14.0
30	108	50.0	49.2	18.8	20.4	80.0	23.6
36		41.7	41.0	15.7	17.0	70.4	19.6
42		35.7	35.1	13.4	14.6	60.3	16.8
48		31.3	30.7	11.8	12.7	52.8	14.7
54		27.8	27.3	-	-	46.9	13.1
60		25.0	24.6	-	-	42.2	11.8
30	114	42.5	44.1	16.0	17.3	71.8	20.0
36		35.4	36.8	13.3	14.4	59.8	16.7
42		30.4	31.5	11.4	12.4	51.3	14.3
48		26.6	27.6	10.0	10.8	44.9	12.5
54		23.6	24.5	-	-	39.9	11.1
30	120	36.5	39.8	13.7	14.9	61.5	17.2
36		30.4	33.2	11.4	12.4	51.3	14.3
42		26.0	28.4	9.8	10.6	44.0	12.3
48		22.8	24.9	8.6	9.3	38.5	10.7
54		20.3	22.1	-	-	34.2	9.5
30	126	31.5	36.1	11.9	12.8	53.2	14.8
36		26.2	30.1	9.9	10.7	44.3	12.4
42		22.5	25.8	8.5	9.2	38.0	10.6
48		19.7	22.6	-	-	33.2	9.3
30	132	27.4	32.9	10.3	11.2	46.2	12.9
36		22.8	27.4	8.6	9.3	38.5	10.8
42		19.6	23.5	7.4	8.0	33.0	9.2
48		17.1	20.6	-	-	28.9	8.1
30	138	24.0	29.1	9.0	9.8	40.5	11.3
36		20.0	24.3	7.5	8.1	33.7	9.4
42		17.1	20.8	-	-	28.9	8.1
30	144	21.1	25.6	7.9	8.6	35.6	9.9
36		17.6	21.4	6.6	7.2	29.7	8.3
42		15.1	18.3	-	-	25.4	7.1
30	150	18.7	22.7	7.0	7.6	31.5	8.8
36		15.6	18.9	5.9	6.3	26.3	7.3
42		13.3	16.2	-	-	22.5	6.3
30	156	16.6	20.2	6.2	6.8	28.0	7.8
36		13.8	16.8	5.2	5.6	23.3	6.5

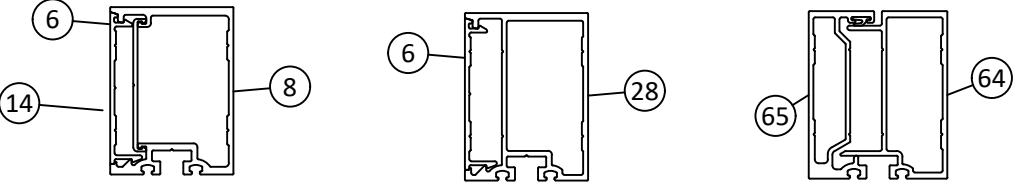


NOTE: W1 AND W2 REFER TO THE MULLION SPACING

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



VERTICAL MULLION 'M1' VERTICAL MULLION 'M2' EXPANSION MULLION 'M5'



VERTICAL MULLION 'M3' VERTICAL MULLION 'M4' VERTICAL MULLION 'M6'

NOTE: ITEM 14 IS OPTIONAL



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YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
VERTICAL MULLION
CAPACITY TABLES

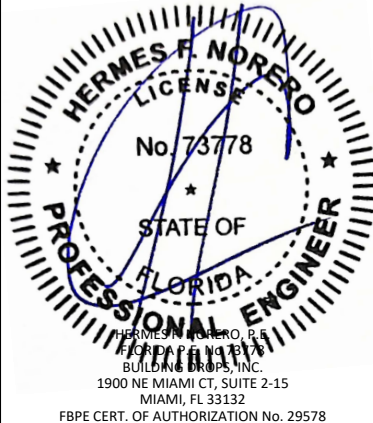
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



BUILDING DROPS

REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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

FL #:

FL12926

DATE:

08.10.17

DWG. BY:

SH

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK219

SHEET:

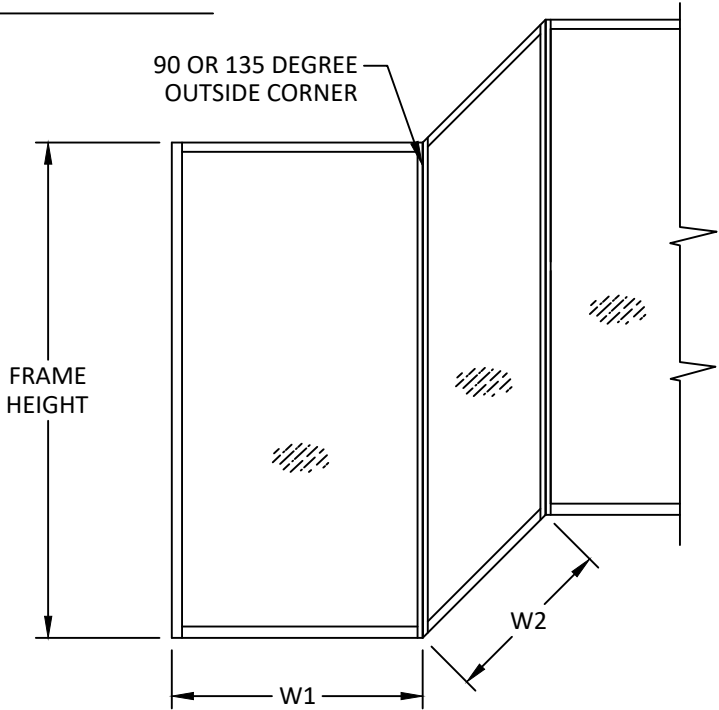
4

[Page 4 of 28]

CORNER MULLION CAPACITY TABLES

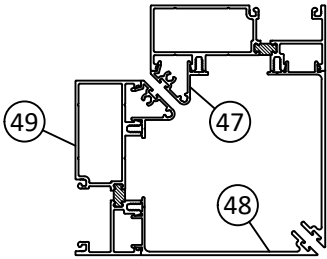
MULLION LOAD CAPACITY					
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)			
		M7	M8	M9	M10
30	66	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	80.0	80.0
60		80.0	80.0	80.0	80.0
66		80.0	80.0	80.0	80.0
72		80.0	80.0	80.0	80.0
78		80.0	80.0	80.0	80.0
84		80.0	80.0	80.0	80.0
90	72	80.0	80.0	80.0	80.0
96		80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	80.0	80.0
60		80.0	80.0	80.0	80.0
66		80.0	80.0	80.0	80.0
72		80.0	80.0	80.0	80.0
78	78	80.0	80.0	80.0	80.0
84		80.0	80.0	80.0	80.0
90		80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	80.0	80.0
60		80.0	80.0	80.0	80.0
66		80.0	80.0	80.0	80.0
72	84	80.0	80.0	80.0	80.0
78		80.0	80.0	80.0	80.0
84		80.0	80.0	80.0	80.0
90		80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	80.0	80.0
60		80.0	80.0	80.0	80.0
66	90	80.0	80.0	80.0	80.0
72		80.0	80.0	80.0	80.0
78		80.0	80.0	80.0	80.0
84		80.0	80.0	80.0	80.0
90		80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	80.0	80.0

MULLION LOAD CAPACITY					
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)			
		M7	M8	M9	M10
30	96	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	80.0	80.0
60		80.0	80.0	80.0	73.7
66		80.0	80.0	80.0	67.0
72		80.0	80.0	80.0	80.0
78		80.0	80.0	80.0	80.0
84		80.0	80.0	80.0	80.0
90	102	80.0	80.0	80.0	80.0
96		80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	80.0	72.6
60		80.0	80.0	80.0	65.3
66		80.0	80.0	80.0	80.0
72		80.0	80.0	80.0	80.0
78	108	80.0	80.0	80.0	80.0
84		80.0	80.0	80.0	80.0
90		80.0	80.0	80.0	80.0
96		80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	72.8
54		80.0	80.0	80.0	64.7
60		80.0	80.0	80.0	58.3
66	114	80.0	80.0	80.0	80.0
72		80.0	80.0	80.0	80.0
78		80.0	80.0	80.0	80.0
84		80.0	80.0	80.0	80.0
90		80.0	80.0	80.0	80.0
96		80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	74.7
54	120	80.0	80.0	80.0	65.4
60		80.0	80.0	80.0	58.1
66		80.0	80.0	80.0	80.0
72		80.0	80.0	80.0	80.0
78		80.0	80.0	80.0	78.7
84		80.0	80.0	80.0	67.4
90		80.0	80.0	80.0	59.0
96		80.0	80.0	75.8	52.4
30		80.0	80.0	80.0	80.0
36	126	80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	71.3
48		80.0	80.0	80.0	61.2
54		80.0	80.0	77.4	53.5
60		80.0	80.0	80.0	78.0
66		80.0	80.0	80.0	65.0
72		80.0	80.0	80.0	55.7
78		80.0	76.5	70.5	48.8
84		80.0	80.0	80.0	71.4
90		80.0	80.0	80.0	59.5
96	132	80.0	80.0	80.0	51.0
30		80.0	80.0	80.0	65.6
36		80.0	80.0	79.0	54.6
42		80.0	73.5	67.7	46.8
48		80.0	80.0	80.0	60.4
54		80.0	79.0	72.8	50.3
60		80.0	67.7	62.4	43.2
66		80.0	80.0	80.0	55.9
72		80.0	73.1	67.3	46.5
78		80.0	80.0	80.0	80.0

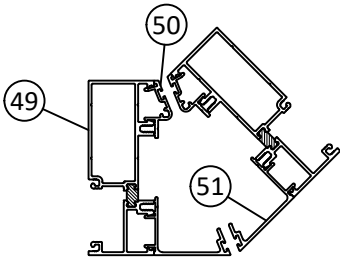


NOTE: W1 AND W2 REFER TO THE MULLION SPACING

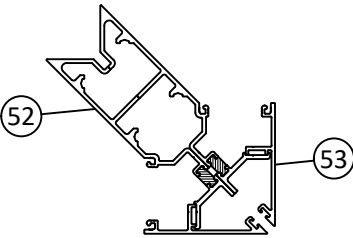
TRIBUTARY WIDTH (W) = $\frac{W1 + W2}{2}$ (OUTSIDE CORNER MULLION)



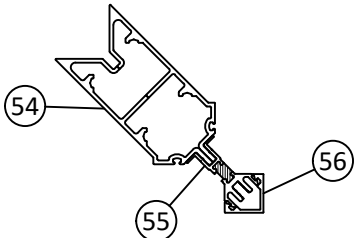
OUTSIDE CORNER MULLION 'M7'



OUTSIDE CORNER MULLION 'M8'



OUTSIDE CORNER MULLION 'M9'



OUTSIDE CORNER MULLION 'M10'

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101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
CORNER MULLION
CAPACITY TABLES

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

REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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FLORIDA
PROFESSIONAL ENGINEER

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

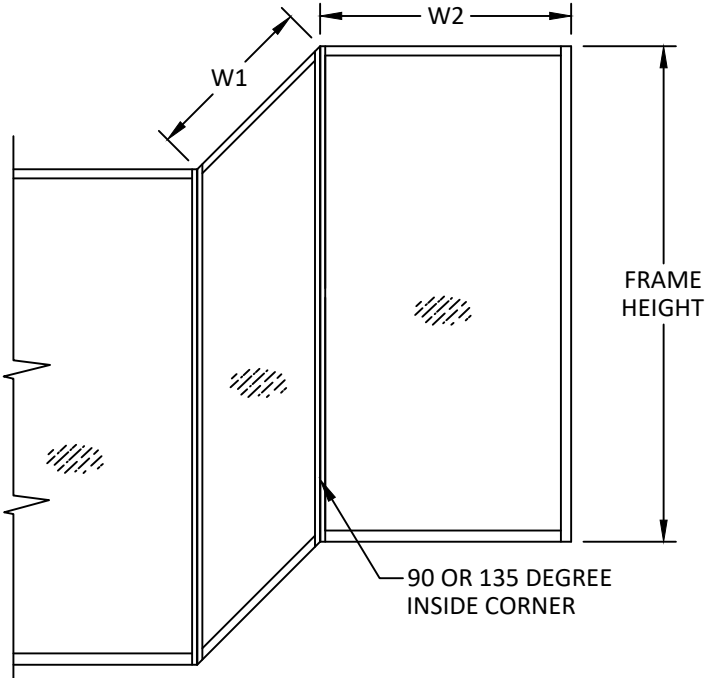
FL #:	FL12926
DATE:	08.10.17
DWG. BY:	SH
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK219
SHEET:	5

c:\users\lucianosanchez\building drops, inc\building drops\landing - documents\common\projects\ykk ap america, inc\fbc-25-1221.2 - commercial products - htdwg\yes 45 tu ykk219.dwg
6/1/2026 11:17 AM

CORNER MULLION CAPACITY TABLES

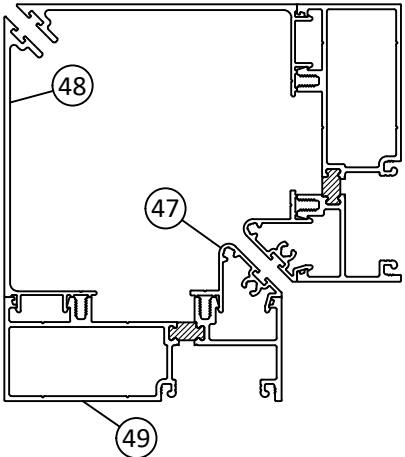
MULLION LOAD CAPACITY			
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)	
		M11	M12
30	66	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	72	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
30	78	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
30	84	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
30	90	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0

MULLION LOAD CAPACITY			
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)	
		M11	M12
30	96	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	102	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	108	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	114	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	120	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	126	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	132	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	138	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	144	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	150	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0
30	156	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		80.0	80.0
54		80.0	80.0
60		80.0	80.0
66		80.0	80.0
72		80.0	80.0
78		80.0	80.0
84		80.0	80.0
90		80.0	80.0
96		80.0	80.0

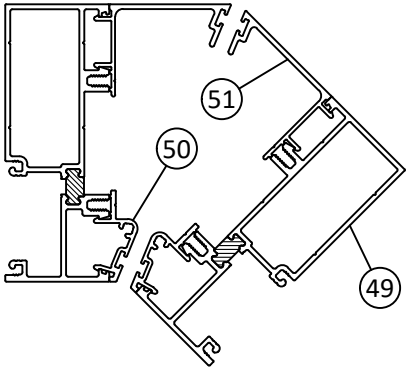


NOTE: W1 AND W2 REFER TO THE MULLION SPACING

TRIBUTARY WIDTH (W) = $\frac{W1 + W2}{2}$ (INSIDE CORNER MULLION)



INSIDE CORNER MULLION 'M11'



INSIDE CORNER MULLION 'M12'



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YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
CORNER MULLION
CAPACITY TABLES

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
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REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL12926

DATE:
08.10.17

DWG. BY:
SH

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK219

SHEET:
6
[Page 6 of 28]

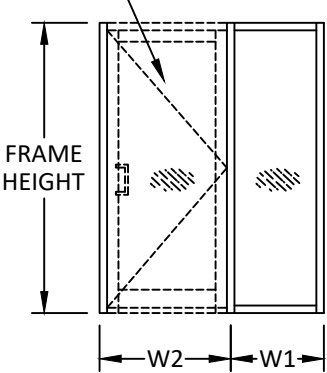
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DOOR MULLION CAPACITY TABLES

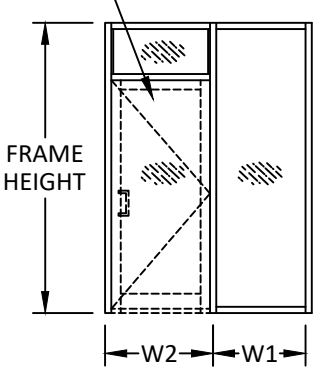
MULLION LOAD CAPACITY			
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)	
		M13	M14
30	66	80.0	80.0
36		80.0	80.0
42		80.0	80.0
48		71.0	79.2
54		63.1	70.4
60		56.8	63.3
66		51.7	57.6
72		47.4	52.8
78		43.7	48.7
84		40.6	45.2
90	72	37.9	42.2
96		35.5	39.6
30		80.0	80.0
36		79.6	80.0
42		68.2	76.0
48		59.7	66.5
54		53.1	59.1
60		47.7	53.2
66		43.4	48.4
72		39.8	44.3
78	78	36.7	40.9
84		34.1	38.0
90		31.8	35.5
30		80.0	80.0
36		67.8	75.6
42		58.1	64.8
48		50.9	56.7
54		45.2	50.4
60		40.7	45.3
66		37.0	41.2
72	84	33.9	37.8
78		31.3	34.9
30		70.2	78.2
36		58.5	65.2
42		50.1	55.8
48		43.9	48.9
54		39.0	43.4
60		35.1	39.1
66		31.9	35.5
72		29.2	32.6
30	90	61.1	68.1
36		50.9	56.8
42		43.7	48.6
48		38.2	42.6
54		34.0	37.8
60		30.6	34.1
66		27.8	31.0
72		25.5	28.4

MULLION LOAD CAPACITY			
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)	
		M13	M14
30	96	53.7	59.9
36		44.8	49.9
42		38.4	42.8
48		33.6	37.4
54		29.8	33.3
60		26.9	29.9
66	102	24.4	27.2
30		47.6	53.0
36		39.7	44.2
42		34.0	37.9
48		29.7	33.1
54		26.4	29.5
60	108	23.8	26.5
30		42.4	47.3
36		35.4	39.4
42		30.3	33.8
48		26.5	29.6
54		23.6	26.3
60	114	21.2	23.6
30		38.1	42.4
36		31.7	35.4
42		27.2	30.3
48		23.8	26.5
54		21.2	23.6
30	120	34.4	38.3
36		28.6	31.9
42		24.6	27.4
48		21.5	23.9
54		19.1	21.3
60	126	31.2	34.7
36		26.0	29.0
42		22.3	24.8
48		19.5	21.7
30	132	28.2	31.2
36		23.5	26.0
42		20.2	22.3
48		17.6	19.5
30	138	24.7	27.3
36		20.6	22.8
42		17.6	19.5
30	144	21.7	24.1
36		18.1	20.1
42		15.5	17.2
30	150	19.2	21.3
36		16.0	17.7
42		13.7	15.2
30	156	17.1	18.9
36		14.3	15.8

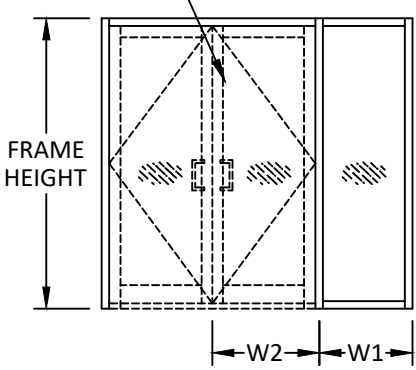
YKK AP DOOR UNDER SEPARATE APPROVAL



YKK AP DOOR UNDER SEPARATE APPROVAL

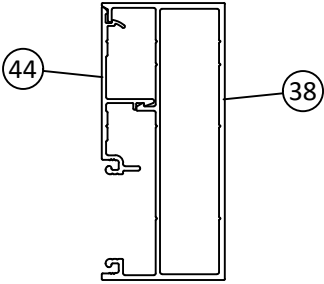


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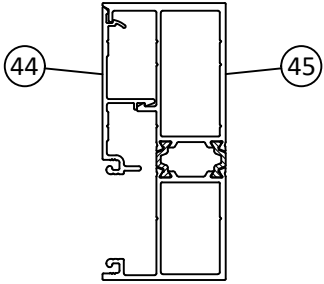


NOTE: W1 REFERS TO THE MULLION SPACING

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



DOOR MULLION 'M13'
(D DOOR SERIES)



DOOR MULLION 'M14'
(T DOOR SERIES)



YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
DOOR MULLION
CAPACITY TABLES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

PH: (954) 399-8478

FAX: (954) 744-4738

WEB: www.buildingdrops.com



BUILDING DROPS

REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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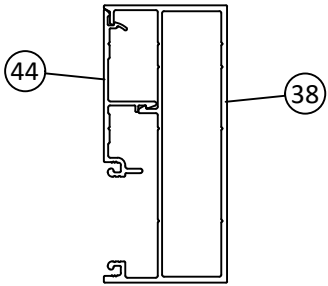
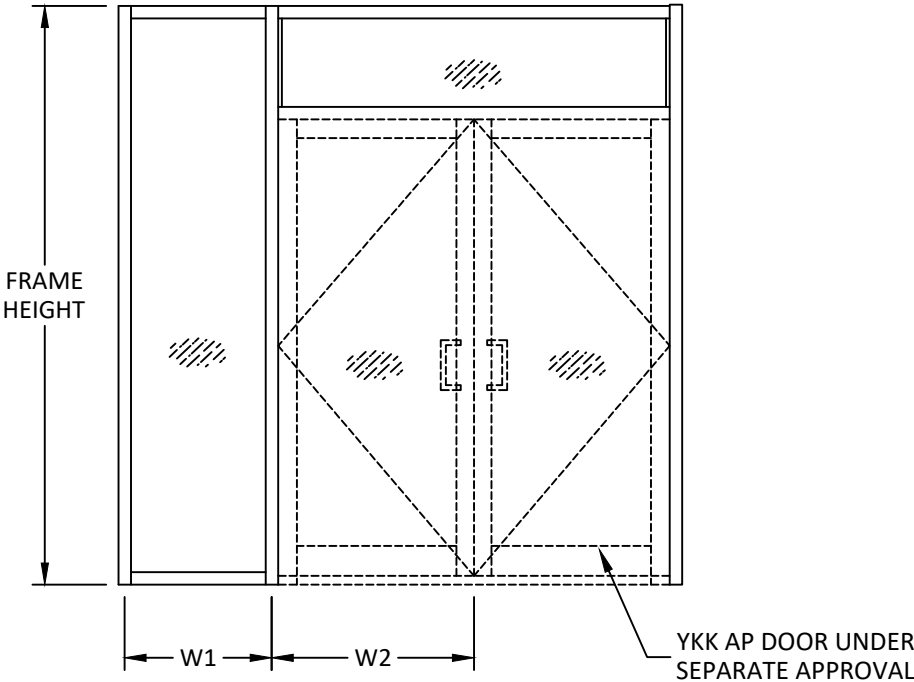
FL #:	FL12926
DATE:	08.10.17
DWG. BY:	SH
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK219
SHEET:	7

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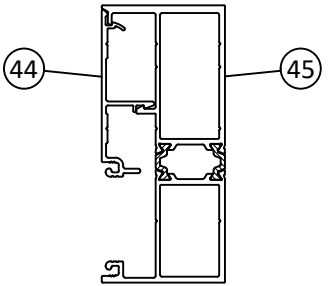
DOUBLE DOOR WITH TRANSOM & SIDELITE MULLION CAPACITY TABLES

MULLION LOAD CAPACITY				
DOOR PANEL WIDTH - W2 (IN.)	SIDELITE WIDTH - W1 (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)	
			M13	M14
36	36	120	28.6	31.9
42			26.4	29.5
48			24.6	27.4
36	48		24.6	27.4
42			22.9	25.5
48			21.5	23.9
36	60		21.5	23.9
42			20.2	22.5
48			19.1	21.3
36	72		19.1	21.3
42			18.1	20.2
48			17.2	19.2
36	36	126	26.0	29.0
42			24.0	26.7
48			22.3	24.8
36	48		22.3	24.8
42			20.8	23.2
48			19.5	21.7
36	60		19.5	21.7
42			18.3	20.4
48			17.3	19.3
36	72		17.3	19.3
42			16.4	18.3
48			15.6	17.4
36	36	132	23.5	26.0
42			21.7	24.0
48			20.2	22.3
36	48		20.2	22.3
42			18.8	20.8
48			17.6	19.5
36	60		17.6	19.5
42			16.6	18.4
48			15.7	17.4
36	72		15.7	17.4
42			14.9	16.4
48			14.1	15.6
36	36	138	20.6	22.8
42			19.0	21.0
48			17.6	19.5
36	48		17.6	19.5
42			16.5	18.2
48			15.4	17.1
36	60		15.4	17.1
42			14.5	16.1
48			13.7	15.2
36	72		13.7	15.2
42			13.0	14.4
48			12.4	13.7

MULLION LOAD CAPACITY				
DOOR PANEL WIDTH - W2 (IN.)	SIDELITE WIDTH - W1 (IN.)	FRAME HEIGHT (IN.)	DESIGN PRESSURE (+/- PSF)	
			M13	M14
36	36	144	18.1	20.1
42			16.7	18.5
48			15.5	17.2
36	48		15.5	17.2
42			14.5	16.0
48			13.6	15.0
36	60		13.6	15.0
42			12.8	14.2
48			12.1	13.4
36	72		12.1	13.4
42			11.4	12.7
48			10.9	12.0
36	36	150	16.0	17.7
42			14.8	16.4
48			13.7	15.2
36	48		13.7	15.2
42			12.8	14.2
48			12.0	13.3
36	60		12.0	13.3
42			11.3	12.5
48			10.7	11.8
36	72		10.7	11.8
42			10.1	11.2
48			9.6	10.6
36	36	156	14.3	15.8
42			13.2	14.6
48			12.2	13.5
36	48		12.2	13.5
42			11.4	12.6
48			10.7	11.8
36	60		10.7	11.8
42			10.1	11.1
48			9.5	10.5
36	72		9.5	10.5
42			9.0	10.0
48			8.6	9.5



DOOR MULLION 'M13'
(D DOOR SERIES)



DOOR MULLION 'M14'
(T DOOR SERIES)



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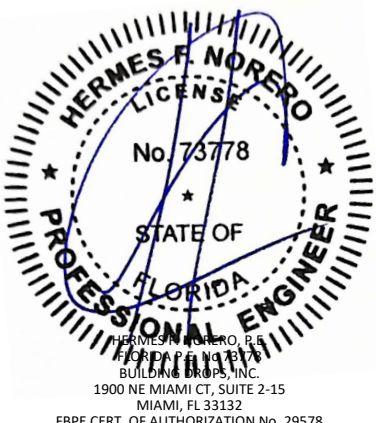
YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
DOOR MULLION
CAPACITY TABLES

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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

FL #:
FL12926

DATE: **08.10.17**

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

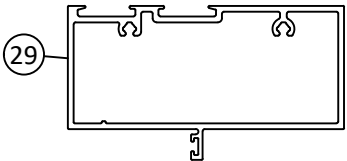
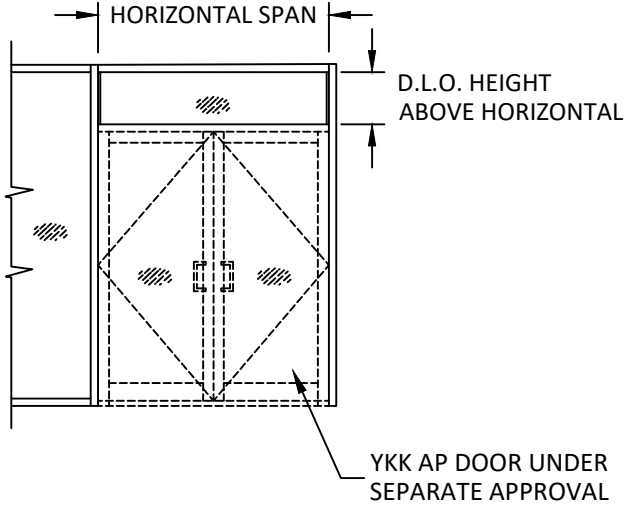
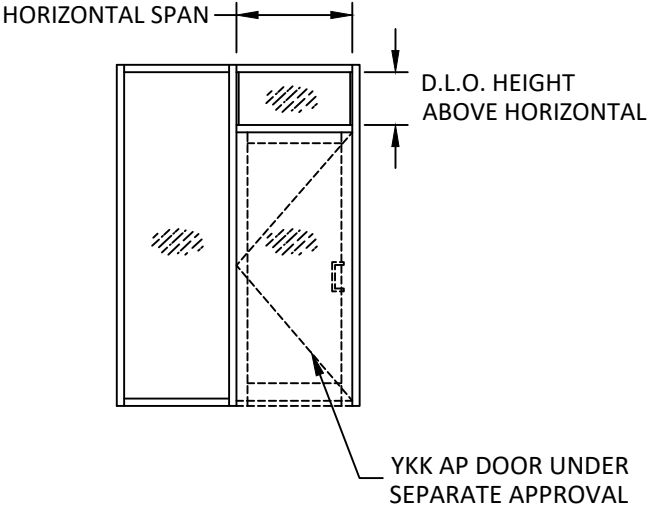
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DWG. #: **YKK219**

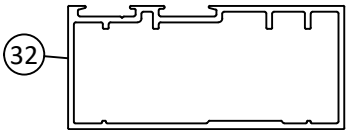
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HORIZONTAL MULLION CAPACITY TABLE

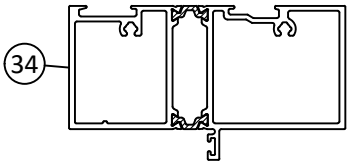
MULLION LOAD CAPACITY				
D.L.O. HEIGHT ABOVE HORIZONTAL (IN.)	HORIZONTAL SPAN (IN.)	DESIGN PRESSURE (+/- PSF)		
		M15	M16	M17
18	96	80.0	80.0	80.0
24	78	80.0	80.0	80.0
30	66	80.0	80.0	80.0
36	54	72.2	73.1	70.7
42	42	50.2	50.9	49.2
54	36	37.5	37.9	36.7
66	30	25.8	26.1	25.3



HORIZONTAL MULLION 'M15'
(D DOOR SERIES)



HORIZONTAL MULLION 'M16'
(D/T DOOR SERIES)



HORIZONTAL MULLION 'M17'
(T DOOR SERIES)



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101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
HORIZONTAL MULLION
CAPACITY TABLE

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



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MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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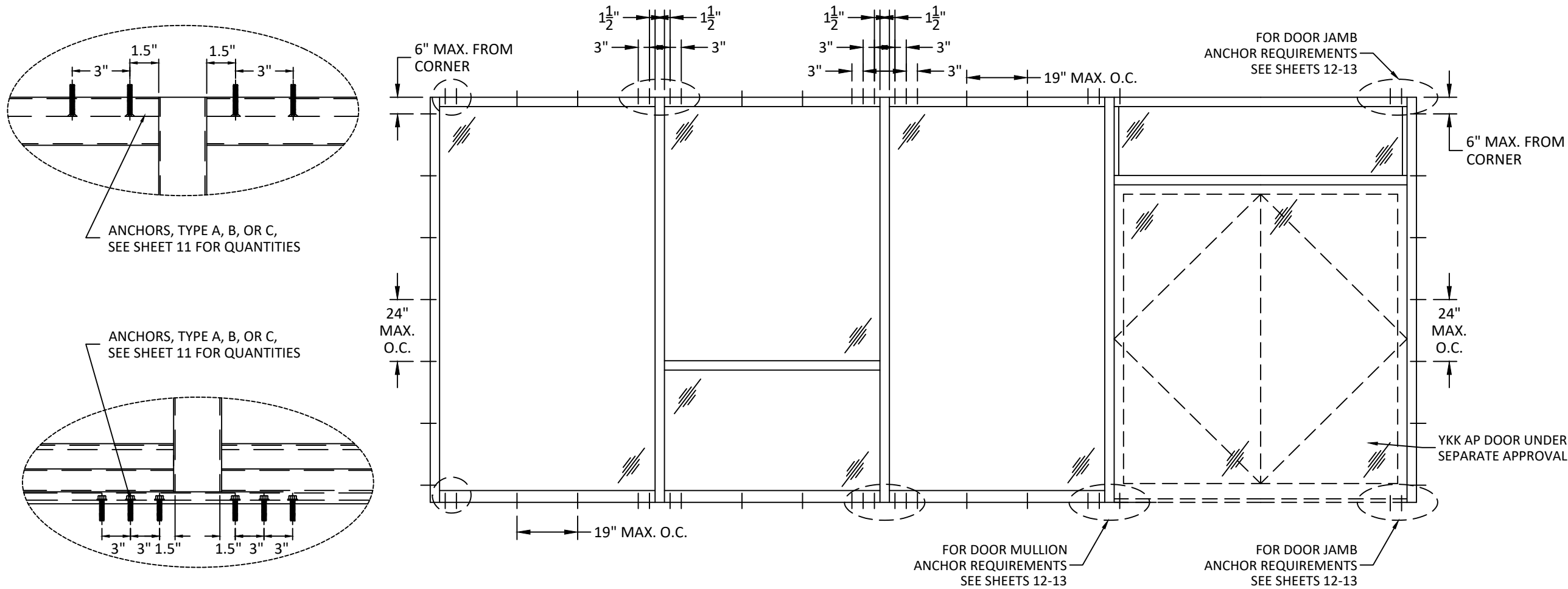
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ANCHOR LAYOUT

ANCHOR SCHEDULE				
ANCHOR TYPE	ANCHOR DESCRIPTION	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
A	5/16" WOOD SCREW	WOOD: MIN. SG = 0.55	1.50"	0.75"
B	3/8" SELF-DRILLING SCREW	STEEL: MIN. 18 GA., MIN. FY=36 KSI ALUMINUM: 1/16" MIN., MIN. 6063-T5	3 THREADS MIN. PENETRATION BEYOND METAL	0.75"
C	3/8" DEWALT SCREW-BOLT+	CONCRETE: F'C = 3000 PSI MIN.	2.50"	3.00"
		MASONRY: C-90 GROUT FILLED BLOCK F'C = 2000 PSI MIN.	3.25"	3.00"
D	1/4" LAG SCREW	WOOD: MIN. SG = 0.55	1.50"	0.75"
E	1/4" SELF-DRILLING SCREW	STEEL: MIN. 18 GA., MIN. FY=36 KSI ALUMINUM: 1/16" MIN., MIN. 6063-T5	3 THREADS MIN. PENETRATION BEYOND METAL	0.75"
F	1/4" DEWALT ULTRA CON+	CONCRETE: F'C = 3000 PSI MIN.	1.75"	2.50"
		MASONRY: C-90 GROUT FILLED BLOCK F'C = 2000 PSI MIN.	1.25"	2.50"
	1/4" ITW TAPCON	CONCRETE: F'C = 3000 PSI MIN. MASONRY: C-90 GROUT FILLED BLOCK F'C = 2000 PSI MIN.	1.25" 1.00"	4.00" 3.00"



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YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
ANCHOR LAYOUT
& ANCHOR SCHEDULE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
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[Page 10 of 28]

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ANCHOR CAPACITY TABLES

ANCHOR LOAD CAPACITY (+/- PSF)													
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'A'					ANCHORS TYPE 'B'					ANCHORS TYPE 'C'	
		A2	A3	A4	A5	A6	B2	B3	B4	B5	C2	C3	C4
30	66	75.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
36		62.6	80.0	80.0	80.0	80.0	68.2	80.0	80.0	80.0	80.0	80.0	80.0
42		53.7	80.0	80.0	80.0	80.0	58.4	80.0	80.0	80.0	80.0	80.0	80.0
48		47.0	70.4	80.0	80.0	80.0	51.1	76.7	80.0	80.0	80.0	80.0	80.0
54		41.7	62.6	80.0	80.0	80.0	45.5	68.2	80.0	80.0	77.0	80.0	80.0
60		37.6	56.4	75.1	80.0	80.0	40.9	61.4	80.0	80.0	69.3	80.0	80.0
66		34.2	51.2	68.3	80.0	80.0	37.2	55.8	74.4	80.0	63.0	80.0	80.0
72		31.3	47.0	62.6	78.3	80.0	34.1	51.1	68.2	80.0	57.7	80.0	80.0
78		28.9	43.4	57.8	72.3	80.0	31.5	47.2	62.9	78.7	53.3	79.9	80.0
84		26.8	40.3	53.7	67.1	80.0	29.2	43.8	58.4	73.1	49.5	74.2	80.0
90	72	25.0	37.6	50.1	62.6	75.1	27.3	40.9	54.5	68.2	46.2	69.3	80.0
96		23.5	35.2	47.0	58.7	70.4	25.6	38.4	51.1	63.9	43.3	64.9	80.0
30		68.9	80.0	80.0	80.0	80.0	75.0	80.0	80.0	80.0	80.0	80.0	80.0
36		57.4	80.0	80.0	80.0	80.0	62.5	80.0	80.0	80.0	80.0	80.0	80.0
42		49.2	73.8	80.0	80.0	80.0	53.6	80.0	80.0	80.0	80.0	80.0	80.0
48		43.1	64.6	80.0	80.0	80.0	46.9	70.3	80.0	80.0	79.4	80.0	80.0
54		38.3	57.4	76.5	80.0	80.0	41.7	62.5	80.0	80.0	70.6	80.0	80.0
60		34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
66		31.3	47.0	62.6	78.3	80.0	34.1	51.1	68.2	80.0	57.7	80.0	80.0
72		28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0
78	78	26.5	39.7	53.0	66.2	79.5	28.8	43.3	57.7	72.1	48.8	73.3	80.0
84		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
90		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
30		63.6	80.0	80.0	80.0	80.0	69.2	80.0	80.0	80.0	80.0	80.0	80.0
36		53.0	79.5	80.0	80.0	80.0	57.7	80.0	80.0	80.0	80.0	80.0	80.0
42		45.4	68.1	80.0	80.0	80.0	49.5	74.2	80.0	80.0	80.0	80.0	80.0
48		39.7	59.6	79.5	80.0	80.0	43.3	64.9	80.0	80.0	73.3	80.0	80.0
54		35.3	53.0	70.6	80.0	80.0	38.5	57.7	76.9	80.0	65.1	80.0	80.0
60		31.8	47.7	63.6	79.5	80.0	34.6	51.9	69.2	80.0	58.6	80.0	80.0
66		28.9	43.4	57.8	72.3	80.0	31.5	47.2	62.9	78.7	53.3	79.9	80.0
72	84	26.5	39.7	53.0	66.2	79.5	28.8	43.3	57.7	72.1	48.8	73.3	80.0
78		24.5	36.7	48.9	61.1	73.4	26.6	39.9	53.3	66.6	45.1	67.6	80.0
30		59.0	80.0	80.0	80.0	80.0	64.3	80.0	80.0	80.0	80.0	80.0	80.0
36		49.2	73.8	80.0	80.0	80.0	53.6	80.0	80.0	80.0	80.0	80.0	80.0
42		42.2	63.3	80.0	80.0	80.0	45.9	68.9	80.0	80.0	77.8	80.0	80.0
48		36.9	55.4	73.8	80.0	80.0	40.2	60.3	80.0	80.0	68.0	80.0	80.0
54		32.8	49.2	65.6	80.0	80.0	35.7	53.6	71.4	80.0	60.5	80.0	80.0
60		29.5	44.3	59.0	73.8	80.0	32.1	48.2	64.3	80.0	54.4	80.0	80.0
66		26.8	40.3	53.7	67.1	80.0	29.2	43.8	58.4	73.1	49.5	74.2	80.0
72		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
30	90	55.1	80.0	80.0	80.0	80.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0
36		45.9	68.9	80.0	80.0	80.0	50.0	75.0	80.0	80.0	80.0	80.0	80.0
42		39.4	59.0	78.7	80.0	80.0	42.9	64.3	80.0	80.0	72.6	80.0	80.0
48		34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
54		30.6	45.9	61.2	76.5	80.0	33.3	50.0	66.7	80.0	56.4	80.0	80.0
60		27.6	41.3	55.1	68.9	80.0	30.0	45.0	60.0	75.0	50.8	76.2	80.0
66		25.0	37.6	50.1	62.6	75.1	27.3	40.9	54.5	68.2	46.2	69.3	80.0
72		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0

ANCHOR LOAD CAPACITY (+/- PSF)													
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'A'					ANCHORS TYPE 'B'				ANCHORS TYPE 'C'		
		A2	A3	A4	A5	A6	B2	B3	B4	B5	C2	C3	C4
30	96	51.7	77.5	80.0	80.0	80.0	56.3	80.0	80.0	80.0	80.0	80.0	80.0
36		43.1	64.6	80.0	80.0	80.0	46.9	70.3	80.0	80.0	79.4	80.0	80.0
42		36.9	55.4	73.8	80.0	80.0	40.2	60.3	80.0	80.0	68.0	80.0	80.0
48		32.3	48.4	64.6	80.0	80.0	35.2	52.7	70.3	80.0	59.5	80.0	80.0
54		28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0
60		25.8	38.7	51.7	64.6	77.5	28.1	42.2	56.3	70.3	47.6	71.4	80.0
66		23.5	35.2	47.0	58.7	70.4	25.6	38.4	51.1	63.9	43.3	64.9	80.0
30	102	48.6	72.9	80.0	80.0	80.0	52.9	79.4	80.0	80.0	80.0	80.0	80.0
36		40.5	60.8	80.0	80.0	80.0	44.1	66.2	80.0	80.0	74.7	80.0	80.0
42		34.7	52.1	69.5	80.0	80.0	37.8	56.7	75.6	80.0	64.0	80.0	80.0
48		30.4	45.6	60.8	76.0	80.0	33.1	49.6	66.2	80.0	56.0	80.0	80.0
54		27.0	40.5	54.0	67.5	80.0	29.4	44.1	58.8	73.5	49.8	74.7	80.0
60		24.3	36.5	48.6	60.8	72.9	26.5	39.7	52.9	66.2	44.8	67.2	80.0
66		21.9	34.1	46.2	58.3	70.4	24.1	37.3	50.5	63.7	42.5	64.9	80.0
30	108	45.9	68.9	80.0	80.0	80.0	50.0	75.0	80.0	80.0	80.0	80.0	80.0
36		38.3	57.4	76.5	80.0	80.0	41.7	62.5	80.0	80.0	70.6	80.0	80.0
42		32.8	49.2	65.6	80.0	80.0	35.7	53.6	71.4	80.0	60.5	80.0	80.0
48		28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0
54		25.5	38.3	51.0	63.8	76.5	27.8	41.7	55.6	69.4	47.0	70.6	80.0
60		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
66		20.6	31.9	43.8	55.7	67.8	22.6	35.1	48.3	60.7	40.1	61.9	80.0
30	114	43.5	65.3	80.0	80.0	80.0	47.4	71.1	80.0	80.0	80.0	80.0	80.0
36		36.3	54.4	72.5	80.0	80.0	39.5	59.2	78.9	80.0	66.8	80.0	80.0
42		31.1	46.6	62.1	77.7	80.0	33.8	50.8	67.7	80.0	57.3	80.0	80.0
48		27.2	40.8	54.4	68.0	80.0	29.6	44.4	59.2	74.0	50.1	75.2	80.0
54		24.2	36.3	48.3	60.4	72.5	26.3	39.5	52.6	65.8	44.6	66.8	80.0
60		21.2	33.3	45.3	57.4	69.5	23.3	36.5	49.7	62.9	41.6	63.9	80.0
66		18.8	30.9	42.9	55.0	67.1	20.9	34.1	47.3	60.5	39.2	61.5	80.0
30	120	41.3	62.0	80.0	80.0	80.0	45.0	67.5	80.0	80.0	76.2	80.0	80.0
36		34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
42		29.5	44.3	59.0	73.8	80.0	32.1	48.2	64.3	80.0	54.4	80.0	80.0
48		25.8	38.7	51.7	64.6	77.5	28.1	42.2	56.3	70.3	47.6	71.4	80.0
54		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
60		20.6	31.9	43.8	55.7	67.8	22.6	35.1	48.3	60.7	40.1	61.9	80.0
66		18.2	29.5	41.4	53.5	65.6	20.2	32.9	46.1	59.1	37.7	59.9	80.0
30	126	39.4	59.0	78.7	80.0	80.0	42.9	64.3	80.0	80.0	72.6	80.0	80.0
36		32.8	49.2	65.6	80.0	80.0	35.7	53.6	71.4	80.0	60.5	80.0	80.0
42		28.1	42.2	56.2	70.3	80.0	30.6	45.9	61.2	76.5	51.8	77.8	80.0
48		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
54		21.6	33.9	46.8	59.0	71.2	23.8	37.1	50.5	63.9	42.4	64.9	80.0
60		19.2	31.5	44.4	56.6	68.8	21.4	34.7	48.1	61.3	40.0	62.5	80.0
66		16.8	29.1	42.0	54.2	66.4	19.0	32.3	45.7	58.9	37.6	60.1	80.0
30	132	37.6	56.4	75.1	80.0	80.0	40.9	61.4	80.0	80.0	69.3	80.0	80.0
36		31.3	47.0	62.6	78.3	80.0	34.1	51.1	68.2	80.0	57.7	80.0	80.0
42		26.8	40.3	53.7	67.1	80.0	29.2	43.8	58.4	73.1	49.5	74.2	80.0
48		23.5	35.2	47.0	58.7	70.4	25.6	38.4	51.1	63.9	43.3	64.9	80.0
54		20.5	32.2	44.9	56.9	68.9	22.5	35.5	48.7	61.7	40.3	62.5	80.0
60		18.1	29.8	42.5	54.5	66.5	20.1	33.1	46.3	59.3	37.9	60.3	80.0
66		15.7	27.4	40.1	52.1	64.1	17.7	30.7	43.9	56.9	35.5	57.9	80.0
30	138	35.9	53.9	71.9	80.0	80.0	39.1	58.7	78.3	80.0	66.3	80.0	80.0
36		29.9	44.9	59.9	74.9	80.0	32.6	48.9	65.2	80.0	55.2	80.0	80.0
42		25.7	38.5	51.3	64.2	77.0	28.0	41.9	55.9	69.9	47.3	71.0	80.0
48		22.7	35.5	48.3	61.2	74.2	25.0	38.9	52.9	66.9	44.3	67.4	80.0
54		20.3	33.1	45.7	58.6	71.6	22.6	36.5	50.5	64.5	41.9	65.0	80.0
60		17.9	30.7	43.1	56.0	69.0	20.2	34.1	48.1	62.1	39.5	62.5	80.0
66		15.5	28.3	40.7	53.6	66.6	17.8	31.7	45.7	59.7	37.1	60.1	80.0
30	144	34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
36		28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0
42		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
48		21.6	33.9	46.8	59.0	71.2	23.8	37.1	50.5	63.9	42.4	64.9	80.0
54		19.2	31.5	44.4	56.6	68.8	21.4	34.7	48.1	61.3	40.0	62.5	80.0
60		16.8	29.1	42.0	54.2	66.4	19.0	32.3	45.7	58.9	37.6	60.1	80.0
66		14.4	26.7	39.6	51.8	63.9	16.6	29.9	43.9	56.9	35.2	57.9	80.0
30	150	27.6	41.3	55.1	68.9	80.0	30.0	45.0	60.0	75.0	50.8	76.2	80.0
36		23.6	35.4	47.2	59.0	70.8	25.7	38.6	51.4	64.3	43.5	65.3	80.0
42		20.6	31.4	43.2	56.9	67.6	22.7	34.6	47.5	60.4	40.5	62.4	80.0
48		18.6	29.4	41.2	55.1	65.6	20.7	32.6	45.5	58.4	38.5	60.4	80.0
54		16.6	27.4	39.2	53.1	63.6	18.7	30.6	43.5	56.4	36.5	58.4	80.0
60		14.6	25.4	37.2	51.1	61.6	16.7	28.6	41.5	54.4	34.5	56.4	80.0
66		12.6	23.4	35.2	49.1	59.6	14.7	26.6	39.5	52.4	32.5	54.4	80.0
30	156	31.8	47.7	63.6	79.5	80.0	34.6	51.9	69.2	80.0	58.6	80.0	80.0
36		26.5	39.7	53.0	66.2	79.5	28.8	43.3	57.7	72.1	48.8	73.3	80.0
42		23.5	36.7	50.0	63.7	76.7	25.8	40.3	54.7	69.1	45.8	70.3	80.0
48		20.5	33.7	47.0	60.7	73.7	22.8	37.3	51.7	66.1	42.8	67.3	80.0
54		18.5	31.7	45.0	58.7	71.7	20.8	35.3	49.7	64.1	40.8	65.3	80.0
60		16.5	29.7	43.0	56.7	69.7	18.8	33.3	47.7	62.1	38.8	63.3	80.0
66		14.5	27.7	41.0	54.7	67.7	16.8	31.3	45.7	60.1	36.8	61.3	80.0

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ANCHOR CAPACITY TABLES

ANCHOR LOAD CAPACITY (+/- PSF)														
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'D'					ANCHORS TYPE 'E'				ANCHORS TYPE 'F'			
		D2	D3	D4	D5	D6	E2	E3	E4	E5	F2	F3	F4	
30	66	16.4	24.6	32.9	41.1	49.3	51.3	76.9	80.0	80.0	51.3	76.9	80.0	
36		13.7	20.5	27.4	34.2	41.1	42.7	64.1	80.0	80.0	42.7	64.1	80.0	
42		11.7	17.6	23.5	29.3	35.2	36.6	54.9	73.3	80.0	36.6	54.9	73.3	
48		10.3	15.4	20.5	25.7	30.8	32.1	48.1	64.1	80.0	32.1	48.1	64.1	
54		9.1	13.7	18.3	22.8	27.4	28.5	42.7	57.0	71.2	28.5	42.7	57.0	
60		8.2	12.3	16.4	20.5	24.6	25.6	38.5	51.3	64.1	25.6	38.5	51.3	
66		7.5	11.2	14.9	18.7	22.4	23.3	35.0	46.6	58.3	23.3	35.0	46.6	
72		6.8	10.3	13.7	17.1	20.5	21.4	32.1	42.7	53.4	21.4	32.1	42.7	
78		6.3	9.5	12.6	15.8	19.0	19.7	29.6	39.4	49.3	19.7	29.6	39.4	
84		5.9	8.8	11.7	14.7	17.6	18.3	27.5	36.6	45.8	18.3	27.5	36.6	
90	5.5	8.2	11.0	13.7	16.4	17.1	25.6	34.2	42.7	17.1	25.6	34.2		
96	5.1	7.7	10.3	12.8	15.4	16.0	24.0	32.1	40.1	16.0	24.0	32.1		
30	72	15.1	22.6	30.1	37.6	45.2	47.0	70.5	80.0	80.0	47.0	70.5	80.0	
36		12.5	18.8	25.1	31.4	37.6	39.2	58.8	78.3	80.0	39.2	58.8	78.3	
42		10.8	16.1	21.5	26.9	32.3	33.6	50.4	67.2	80.0	33.6	50.4	67.2	
48		9.4	14.1	18.8	23.5	28.2	29.4	44.1	58.8	73.5	29.4	44.1	58.8	
54		8.4	12.5	16.7	20.9	25.1	26.1	39.2	52.2	65.3	26.1	39.2	52.2	
60		7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	23.5	35.3	47.0	
66		6.8	10.3	13.7	17.1	20.5	21.4	32.1	42.7	53.4	21.4	32.1	42.7	
72		6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	19.6	29.4	39.2	
78		5.8	8.7	11.6	14.5	17.4	18.1	27.1	36.2	45.2	18.1	27.1	36.2	
84		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	16.8	25.2	33.6	
90	5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	15.7	23.5	31.3		
30	78	13.9	20.8	27.8	34.7	41.7	43.4	65.1	80.0	80.0	43.4	65.1	80.0	
36		11.6	17.4	23.2	29.0	34.7	36.2	54.2	72.3	80.0	36.2	54.2	72.3	
42		9.9	14.9	19.9	24.8	29.8	31.0	46.5	62.0	77.5	31.0	46.5	62.0	
48		8.7	13.0	17.4	21.7	26.1	27.1	40.7	54.2	67.8	27.1	40.7	54.2	
54		7.7	11.6	15.4	19.3	23.2	24.1	36.2	48.2	60.3	24.1	36.2	48.2	
60		6.9	10.4	13.9	17.4	20.8	21.7	32.5	43.4	54.2	21.7	32.5	43.4	
66		6.3	9.5	12.6	15.8	19.0	19.7	29.6	39.4	49.3	19.7	29.6	39.4	
72		5.8	8.7	11.6	14.5	17.4	18.1	27.1	36.2	45.2	18.1	27.1	36.2	
78		5.3	8.0	10.7	13.4	16.0	16.7	25.0	33.4	41.7	16.7	25.0	33.4	
30		84	12.9	19.4	25.8	32.3	38.7	40.3	60.4	80.0	80.0	40.3	60.4	80.0
36	10.8		16.1	21.5	26.9	32.3	33.6	50.4	67.2	80.0	33.6	50.4	67.2	
42	9.2		13.8	18.4	23.0	27.7	28.8	43.2	57.6	72.0	28.8	43.2	57.6	
48	8.1		12.1	16.1	20.2	24.2	25.2	37.8	50.4	63.0	25.2	37.8	50.4	
54	7.2		10.8	14.3	17.9	21.5	22.4	33.6	44.8	56.0	22.4	33.6	44.8	
60	6.5		9.7	12.9	16.1	19.4	20.1	30.2	40.3	50.4	20.1	30.2	40.3	
66	5.9		8.8	11.7	14.7	17.6	18.3	27.5	36.6	45.8	18.3	27.5	36.6	
72	5.4		8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	16.8	25.2	33.6	
30	90		12.0	18.1	24.1	30.1	36.1	37.6	56.4	75.2	80.0	37.6	56.4	75.2
36			10.0	15.1	20.1	25.1	30.1	31.3	47.0	62.7	78.3	31.3	47.0	62.7
42		8.6	12.9	17.2	21.5	25.8	26.9	40.3	53.7	67.2	26.9	40.3	53.7	
48		7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	23.5	35.3	47.0	
54		6.7	10.0	13.4	16.7	20.1	20.9	31.3	41.8	52.2	20.9	31.3	41.8	
60		6.0	9.0	12.0	15.1	18.1	18.8	28.2	37.6	47.0	18.8	28.2	37.6	
66		5.5	8.2	11.0	13.7	16.4	17.1	25.6	34.2	42.7	17.1	25.6	34.2	
72		5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	15.7	23.5	31.3	

ANCHOR LOAD CAPACITY (+/- PSF)													
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'D'					ANCHORS TYPE 'E'				ANCHORS TYPE 'F'		
		D2	D3	D4	D5	D6	E2	E3	E4	E5	F2	F3	F4
30	96	11.3	16.9	22.6	28.2	33.9	35.3	52.9	70.5	80.0	35.3	52.9	70.5
36		9.4	14.1	18.8	23.5	28.2	29.4	44.1	58.8	73.5	29.4	44.1	58.8
42		8.1	12.1	16.1	20.2	24.2	25.2	37.8	50.4	63.0	25.2	37.8	50.4
48		7.1	10.6	14.1	17.6	21.2	22.0	33.1	44.1	55.1	22.0	33.1	44.1
54		6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	19.6	29.4	39.2
60		5.6	8.5	11.3	14.1	16.9	17.6	26.4	35.3	44.1	17.6	26.4	35.3
66		5.1	7.7	10.3	12.8	15.4	16.0	24.0	32.1	40.1	16.0	24.0	32.1
30	102	10.6	15.9	21.3	26.6	31.9	33.2	49.8	66.4	80.0	33.2	49.8	66.4
36		8.9	13.3	17.7	22.1	26.6	27.7	41.5	55.3	69.1	27.7	41.5	55.3
42		7.6	11.4	15.2	19.0	22.8	23.7	35.6	47.4	59.3	23.7	35.6	47.4
48		6.6	10.0	13.3	16.6	19.9	20.7	31.1	41.5	51.8	20.7	31.1	41.5
54		5.9	8.9	11.8	14.8	17.7	18.4	27.7	36.9	46.1	18.4	27.7	36.9
60		5.3	8.0	10.6	13.3	15.9	16.6	24.9	33.2	41.5	16.6	24.9	33.2
30	108	10.0	15.1	20.1	25.1	30.1	31.3	47.0	62.7	78.3	31.3	47.0	62.7
36		8.4	12.5	16.7	20.9	25.1	26.1	39.2	52.2	65.3	26.1	39.2	52.2
42		7.2	10.8	14.3	17.9	21.5	22.4	33.6	44.8	56.0	22.4	33.6	44.8
48		6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	19.6	29.4	39.2
54		5.6	8.4	11.2	13.9	16.7	17.4	26.1	34.8	43.5	17.4	26.1	34.8
60		5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	15.7	23.5	31.3
30	114	9.5	14.3	19.0	23.8	28.5	29.7	44.5	59.4	74.2	29.7	44.5	59.4
36		7.9	11.9	15.8	19.8	23.8	24.7	37.1	49.5	61.9	24.7	37.1	49.5
42		6.8	10.2	13.6	17.0	20.4	21.2	31.8	42.4	53.0	21.2	31.8	42.4
48		5.9	8.9	11.9	14.9	17.8	18.6	27.8	37.1	46.4	18.6	27.8	37.1
54		5.3	7.9	10.6	13.2	15.8	16.5	24.7	33.0	41.2	16.5	24.7	33.0
60		4.7	7.0	9.5	12.0	14.5	15.1	21.9	29.4	36.9	15.1	21.9	29.4
30	120	9.0	13.6	18.1	22.6	27.1	28.2	42.3	56.4	70.5	28.2	42.3	56.4
36		7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	23.5	35.3	47.0
42		6.5	9.7	12.9	16.1	19.4	20.1	30.2	40.3	50.4	20.1	30.2	40.3
48		5.6	8.5	11.3	14.1	16.9	17.6	26.4	35.3	44.1	17.6	26.4	35.3
54		5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	15.7	23.5	31.3
30	126	8.6	12.9	17.2	21.5	25.8	26.9	40.3	53.7	67.2	26.9	40.3	53.7
36		7.2	10.8	14.3	17.9	21.5	22.4	33.6	44.8	56.0	22.4	33.6	44.8
42		6.1	9.2	12.3	15.4	18.4	19.2	28.8	38.4	48.0	19.2	28.8	38.4
48		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	16.8	25.2	33.6
30	132	8.2	12.3	16.4	20.5	24.6	25.6	38.5	51.3	64.1	25.6	38.5	51.3
36		6.8	10.3	13.7	17.1	20.5	21.4	32.1	42.7	53.4	21.4	32.1	42.7
42		5.9	8.8	11.7	14.7	17.6	18.3	27.5	36.6	45.8	18.3	27.5	36.6
48		5.1	7.7	10.3	12.8	15.4	16.0	24.0	32.1	40.1	16.0	24.0	32.1
30	138	7.9	11.8	15.7	19.6	23.6	24.5	36.8	49.1	61.3	24.5	36.8	49.1
36		6.5	9.8	13.1	16.4	19.6	20.4	30.7	40.9	51.1	20.4	30.7	40.9
42		5.6	8.4	11.2	14.0	16.8	17.5	26.3	35.0	43.8	17.5	26.3	35.0
30	144	7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	23.5	35.3	47.0
36		6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	19.6	29.4	39.2
42		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	16.8	25.2	33.6
30	150	7.2	10.8	14.5	18.1	21.7	22.6	33.8	45.1	56.4	22.6	33.8	45.1
36		6.0	9.0	12.0	15.1	18.1	18.8	28.2	37.6	47.0	18.8	28.2	37.6
42		5.2	7.7	10.3	12.9	15.5	16.1	24.2	32.2	40.3	16.1	24.2	32.2
30	156	6.9	10.4	13.9	17.4	20.8	21.7	32.5	43.4	54.2	21.7	32.5	43.4
36		5.8	8.7	11.6	14.5	17.4	18.1	27.1	36.2	45.2	18.1	27.1	36.2

DOOR MULLION & JAMB ANCHOR CAPACITY TABLE

ANCHOR LOAD CAPACITY (+/- PSF)													
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'A'					ANCHORS TYPE 'B'				ANCHORS TYPE 'C'		
		A2	A3	A4	A5	A6	B2	B3	B4	B5	C2	C3	C4
30	66	75.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
36		62.6	80.0	80.0	80.0	80.0	68.2	80.0	80.0	80.0	80.0	80.0	80.0
42		53.7	80.0	80.0	80.0	80.0	58.4	80.0	80.0	80.0	80.0	80.0	80.0
48		47.0	70.4	80.0	80.0	80.0	51.1	76.7	80.0	80.0	80.0	80.0	80.0
54		41.7	62.6	80.0	80.0	80.0	45.5	68.2	80.0	80.0	77.0	80.0	80.0
60		37.6	56.4	75.1	80.0	80.0	40.9	61.4	80.0	80.0	69.3	80.0	80.0
66		34.2	51.2	68.3	80.0	80.0	37.2	55.8	74.4	80.0	63.0	80.0	80.0
72		31.3	47.0	62.6	78.3	80.0	34.1	51.1	68.2	80.0	57.7	80.0	80.0
78		28.9	43.4	57.8	72.3	80.0	31.5	47.2	62.9	78.7	53.3	79.9	80.0
84		26.8	40.3	53.7	67.1	80.0	29.2	43.8	58.4	73.1	49.5	74.2	80.0
90	72	25.0	37.6	50.1	62.6	75.1	27.3	40.9	54.5	68.2	46.2	69.3	80.0
96		23.5	35.2	47.0	58.7	70.4	25.6	38.4	51.1	63.9	43.3	64.9	80.0
30		68.9	80.0	80.0	80.0	80.0	75.0	80.0	80.0	80.0	80.0	80.0	80.0
36		57.4	80.0	80.0	80.0	80.0	62.5	80.0	80.0	80.0	80.0	80.0	80.0
42		49.2	73.8	80.0	80.0	80.0	53.6	80.0	80.0	80.0	80.0	80.0	80.0
48		43.1	64.6	80.0	80.0	80.0	46.9	70.3	80.0	80.0	79.4	80.0	80.0
54		38.3	57.4	76.5	80.0	80.0	41.7	62.5	80.0	80.0	70.6	80.0	80.0
60		34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
66		31.3	47.0	62.6	78.3	80.0	34.1	51.1	68.2	80.0	57.7	80.0	80.0
72		28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0
78	78	26.5	39.7	53.0	66.2	79.5	28.8	43.3	57.7	72.1	48.8	73.3	80.0
84		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
90		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
30		63.6	80.0	80.0	80.0	80.0	69.2	80.0	80.0	80.0	80.0	80.0	80.0
36		53.0	79.5	80.0	80.0	80.0	57.7	80.0	80.0	80.0	80.0	80.0	80.0
42		45.4	68.1	80.0	80.0	80.0	49.5	74.2	80.0	80.0	80.0	80.0	80.0
48		39.7	59.6	79.5	80.0	80.0	43.3	64.9	80.0	80.0	73.3	80.0	80.0
54		35.3	53.0	70.6	80.0	80.0	38.5	57.7	76.9	80.0	65.1	80.0	80.0
60		31.8	47.7	63.6	79.5	80.0	34.6	51.9	69.2	80.0	58.6	80.0	80.0
66		28.9	43.4	57.8	72.3	80.0	31.5	47.2	62.9	78.7	53.3	79.9	80.0
72	84	26.5	39.7	53.0	66.2	79.5	28.8	43.3	57.7	72.1	48.8	73.3	80.0
78		24.5	36.7	48.9	61.1	73.4	26.6	39.9	53.3	66.6	45.1	67.6	80.0
30		59.0	80.0	80.0	80.0	80.0	64.3	80.0	80.0	80.0	80.0	80.0	80.0
36		49.2	73.8	80.0	80.0	80.0	53.6	80.0	80.0	80.0	80.0	80.0	80.0
42		42.2	63.3	80.0	80.0	80.0	45.9	68.9	80.0	80.0	77.8	80.0	80.0
48		36.9	55.4	73.8	80.0	80.0	40.2	60.3	80.0	80.0	68.0	80.0	80.0
54		32.8	49.2	65.6	80.0	80.0	35.7	53.6	71.4	80.0	60.5	80.0	80.0
60		29.5	44.3	59.0	73.8	80.0	32.1	48.2	64.3	80.0	54.4	80.0	80.0
66		26.8	40.3	53.7	67.1	80.0	29.2	43.8	58.4	73.1	49.5	74.2	80.0
72		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
30	90	55.1	80.0	80.0	80.0	80.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0
36		45.9	68.9	80.0	80.0	80.0	50.0	75.0	80.0	80.0	80.0	80.0	80.0
42		39.4	59.0	78.7	80.0	80.0	42.9	64.3	80.0	80.0	72.6	80.0	80.0
48		34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
54		30.6	45.9	61.2	76.5	80.0	33.3	50.0	66.7	80.0	56.4	80.0	80.0
60		27.6	41.3	55.1	68.9	80.0	30.0	45.0	60.0	75.0	50.8	76.2	80.0
66		25.0	37.6	50.1	62.6	75.1	27.3	40.9	54.5	68.2	46.2	69.3	80.0
72		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0

ANCHOR LOAD CAPACITY (+/- PSF)													
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'A'					ANCHORS TYPE 'B'				ANCHORS TYPE 'C'		
		A2	A3	A4	A5	A6	B2	B3	B4	B5	C2	C3	C4
30	96	51.7	77.5	80.0	80.0	80.0	56.3	80.0	80.0	80.0	80.0	80.0	80.0
36		43.1	64.6	80.0	80.0	80.0	46.9	70.3	80.0	80.0	79.4	80.0	80.0
42		36.9	55.4	73.8	80.0	80.0	40.2	60.3	80.0	80.0	68.0	80.0	80.0
48		32.3	48.4	64.6	80.0	80.0	35.2	52.7	70.3	80.0	59.5	80.0	80.0
54		28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0
60		25.8	38.7	51.7	64.6	77.5	28.1	42.2	56.3	70.3	47.6	71.4	80.0
66		23.5	35.2	47.0	58.7	70.4	25.6	38.4	51.1	63.9	43.3	64.9	80.0
30	102	48.6	72.9	80.0	80.0	80.0	52.9	79.4	80.0	80.0	80.0	80.0	80.0
36		40.5	60.8	80.0	80.0	80.0	44.1	66.2	80.0	80.0	74.7	80.0	80.0
42		34.7	52.1	69.5	80.0	80.0	37.8	56.7	75.6	80.0	64.0	80.0	80.0
48		30.4	45.6	60.8	76.0	80.0	33.1	49.6	66.2	80.0	56.0	80.0	80.0
54		27.0	40.5	54.0	67.5	80.0	29.4	44.1	58.8	73.5	49.8	74.7	80.0
60		24.3	36.5	48.6	60.8	72.9	26.5	39.7	52.9	66.2	44.8	67.2	80.0
66		23.0	34.4	45.9	58.7	70.4	25.0	37.5	50.0	62.5	42.3	64.9	80.0
30	108	45.9	68.9	80.0	80.0	80.0	50.0	75.0	80.0	80.0	80.0	80.0	80.0
36		38.3	57.4	76.5	80.0	80.0	41.7	62.5	80.0	80.0	70.6	80.0	80.0
42		32.8	49.2	65.6	80.0	80.0	35.7	53.6	71.4	80.0	60.5	80.0	80.0
48		28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0
54		25.5	38.3	51.0	63.8	76.5	27.8	41.7	55.6	69.4	47.0	70.6	80.0
60		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
66		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
30	114	43.5	65.3	80.0	80.0	80.0	47.4	71.1	80.0	80.0	80.0	80.0	80.0
36		36.3	54.4	72.5	80.0	80.0	39.5	59.2	78.9	80.0	66.8	80.0	80.0
42		31.1	46.6	62.1	77.7	80.0	33.8	50.8	67.7	80.0	57.3	80.0	80.0
48		27.2	40.8	54.4	68.0	80.0	29.6	44.4	59.2	74.0	50.1	75.2	80.0
54		24.2	36.3	48.3	60.4	72.5	26.3	39.5	52.6	65.8	44.6	66.8	80.0
60		41.3	62.0	80.0	80.0	80.0	45.0	67.5	80.0	80.0	76.2	80.0	80.0
66		34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
30	120	29.5	44.3	59.0	73.8	80.0	32.1	48.2	64.3	80.0	54.4	80.0	80.0
36		25.8	38.7	51.7	64.6	77.5	28.1	42.2	56.3	70.3	47.6	71.4	80.0
42		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
48		39.4	59.0	78.7	80.0	80.0	42.9	64.3	80.0	80.0	72.6	80.0	80.0
54		32.8	49.2	65.6	80.0	80.0	35.7	53.6	71.4	80.0	60.5	80.0	80.0
60		28.1	42.2	56.2	70.3	80.0	30.6	45.9	61.2	76.5	51.8	77.8	80.0
66		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
30	132	37.6	56.4	75.1	80.0	80.0	40.9	61.4	80.0	80.0	69.3	80.0	80.0
36		31.3	47.0	62.6	78.3	80.0	34.1	51.1	68.2	80.0	57.7	80.0	80.0
42		26.8	40.3	53.7	67.1	80.0	29.2	43.8	58.4	73.1	49.5	74.2	80.0
48		23.5	35.2	47.0	58.7	70.4	25.6	38.4	51.1	63.9	43.3	64.9	80.0
54		35.9	53.9	71.9	80.0	80.0	39.1	58.7	78.3	80.0	66.3	80.0	80.0
60		29.9	44.9	59.9	74.9	80.0	32.6	48.9	65.2	80.0	55.2	80.0	80.0
66		25.7	38.5	51.3	64.2	77.0	28.0	41.9	55.9	69.9	47.3	71.0	80.0
30	144	34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
36		28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0
42		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
48		33.1	49.6	66.1	80.0	80.0	36.0	54.0	72.0	80.0	61.0	80.0	80.0
54		27.6	41.3	55.1	68.9	80.0	30.0	45.0	60.0	75.0	50.8	76.2	80.0
60		23.6	35.4	47.2	59.0	70.8	25.7	38.6	51.4	64.3	43.5	65.3	80.0
66		31.8	47.7	63.6	79.5	80.0	34.6	51.9	69.2	80.0	58.6	80.0	80.0
30	156	26.5	39.7	53.0	66.2	79.5	28.8	43.3	57.7	72.1	48.8	73.3	80.0

DOOR MULLION & JAMB ANCHOR CAPACITY TABLE

ANCHOR LOAD CAPACITY (+/- PSF)														
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'D'					ANCHORS TYPE 'E'				ANCHORS TYPE 'F'			
		D2	D3	D4	D5	D6	E2	E3	E4	E5	F2	F3	F4	
30	66	16.4	24.6	32.9	41.1	49.3	51.3	76.9	80.0	80.0	51.3	76.9	80.0	
36		13.7	20.5	27.4	34.2	41.1	42.7	64.1	80.0	80.0	42.7	64.1	80.0	
42		11.7	17.6	23.5	29.3	35.2	36.6	54.9	73.3	80.0	36.6	54.9	73.3	
48		10.3	15.4	20.5	25.7	30.8	32.1	48.1	64.1	80.0	32.1	48.1	64.1	
54		9.1	13.7	18.3	22.8	27.4	28.5	42.7	57.0	71.2	28.5	42.7	57.0	
60		8.2	12.3	16.4	20.5	24.6	25.6	38.5	51.3	64.1	25.6	38.5	51.3	
66		7.5	11.2	14.9	18.7	22.4	23.3	35.0	46.6	58.3	23.3	35.0	46.6	
72		6.8	10.3	13.7	17.1	20.5	21.4	32.1	42.7	53.4	21.4	32.1	42.7	
78		6.3	9.5	12.6	15.8	19.0	19.7	29.6	39.4	49.3	19.7	29.6	39.4	
84		5.9	8.8	11.7	14.7	17.6	18.3	27.5	36.6	45.8	18.3	27.5	36.6	
90		5.5	8.2	11.0	13.7	16.4	17.1	25.6	34.2	42.7	17.1	25.6	34.2	
96		5.1	7.7	10.3	12.8	15.4	16.0	24.0	32.1	40.1	16.0	24.0	32.1	
30	72	15.1	22.6	30.1	37.6	45.2	47.0	70.5	80.0	80.0	47.0	70.5	80.0	
36		12.5	18.8	25.1	31.4	37.6	39.2	58.8	78.3	80.0	39.2	58.8	78.3	
42		10.8	16.1	21.5	26.9	32.3	33.6	50.4	67.2	80.0	33.6	50.4	67.2	
48		9.4	14.1	18.8	23.5	28.2	29.4	44.1	58.8	73.5	29.4	44.1	58.8	
54		8.4	12.5	16.7	20.9	25.1	26.1	39.2	52.2	65.3	26.1	39.2	52.2	
60		7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	23.5	35.3	47.0	
66		6.8	10.3	13.7	17.1	20.5	21.4	32.1	42.7	53.4	21.4	32.1	42.7	
72		6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	19.6	29.4	39.2	
78		5.8	8.7	11.6	14.5	17.4	18.1	27.1	36.2	45.2	18.1	27.1	36.2	
84		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	16.8	25.2	33.6	
90		5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	15.7	23.5	31.3	
30		78	13.9	20.8	27.8	34.7	41.7	43.4	65.1	80.0	80.0	43.4	65.1	80.0
36	11.6		17.4	23.2	29.0	34.7	36.2	54.2	72.3	80.0	36.2	54.2	72.3	
42	9.9		14.9	19.9	24.8	29.8	31.0	46.5	62.0	77.5	31.0	46.5	62.0	
48	8.7		13.0	17.4	21.7	26.1	27.1	40.7	54.2	67.8	27.1	40.7	54.2	
54	7.7		11.6	15.4	19.3	23.2	24.1	36.2	48.2	60.3	24.1	36.2	48.2	
60	6.9		10.4	13.9	17.4	20.8	21.7	32.5	43.4	54.2	21.7	32.5	43.4	
66	6.3		9.5	12.6	15.8	19.0	19.7	29.6	39.4	49.3	19.7	29.6	39.4	
72	5.8		8.7	11.6	14.5	17.4	18.1	27.1	36.2	45.2	18.1	27.1	36.2	
78	5.3		8.0	10.7	13.4	16.0	16.7	25.0	33.4	41.7	16.7	25.0	33.4	
30	84		12.9	19.4	25.8	32.3	38.7	40.3	60.4	80.0	80.0	40.3	60.4	80.0
36			10.8	16.1	21.5	26.9	32.3	33.6	50.4	67.2	80.0	33.6	50.4	67.2
42			9.2	13.8	18.4	23.0	27.7	28.8	43.2	57.6	72.0	28.8	43.2	57.6
48		8.1	12.1	16.1	20.2	24.2	25.2	37.8	50.4	63.0	25.2	37.8	50.4	
54		7.2	10.8	14.3	17.9	21.5	22.4	33.6	44.8	56.0	22.4	33.6	44.8	
60		6.5	9.7	12.9	16.1	19.4	20.1	30.2	40.3	50.4	20.1	30.2	40.3	
66		5.9	8.8	11.7	14.7	17.6	18.3	27.5	36.6	45.8	18.3	27.5	36.6	
72		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	16.8	25.2	33.6	
30		90	12.0	18.1	24.1	30.1	36.1	37.6	56.4	75.2	80.0	37.6	56.4	75.2
36			10.0	15.1	20.1	25.1	30.1	31.3	47.0	62.7	78.3	31.3	47.0	62.7
42			8.6	12.9	17.2	21.5	25.8	26.9	40.3	53.7	67.2	26.9	40.3	53.7
48			7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	23.5	35.3	47.0
54	6.7		10.0	13.4	16.7	20.1	20.9	31.3	41.8	52.2	20.9	31.3	41.8	
60	6.0		9.0	12.0	15.1	18.1	18.8	28.2	37.6	47.0	18.8	28.2	37.6	
66	5.5		8.2	11.0	13.7	16.4	17.1	25.6	34.2	42.7	17.1	25.6	34.2	
72	5.0		7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	15.7	23.5	31.3	

ANCHOR LOAD CAPACITY (+/- PSF)													
TRIB. WIDTH - W (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'D'					ANCHORS TYPE 'E'				ANCHORS TYPE 'F'		
		D2	D3	D4	D5	D6	E2	E3	E4	E5	F2	F3	F4
30	96	11.3	16.9	22.6	28.2	33.9	35.3	52.9	70.5	80.0	35.3	52.9	70.5
36		9.4	14.1	18.8	23.5	28.2	29.4	44.1	58.8	73.5	29.4	44.1	58.8
42		8.1	12.1	16.1	20.2	24.2	25.2	37.8	50.4	63.0	25.2	37.8	50.4
48		7.1	10.6	14.1	17.6	21.2	22.0	33.1	44.1	55.1	22.0	33.1	44.1
54		6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	19.6	29.4	39.2
60		5.6	8.5	11.3	14.1	16.9	17.6	26.4	35.3	44.1	17.6	26.4	35.3
66		5.1	7.7	10.3	12.8	15.4	16.0	24.0	32.1	40.1	16.0	24.0	32.1
30	102	10.6	15.9	21.3	26.6	31.9	33.2	49.8	66.4	80.0	33.2	49.8	66.4
36		8.9	13.3	17.7	22.1	26.6	27.7	41.5	55.3	69.1	27.7	41.5	55.3
42		7.6	11.4	15.2	19.0	22.8	23.7	35.6	47.4	59.3	23.7	35.6	47.4
48		6.6	10.0	13.3	16.6	19.9	20.7	31.1	41.5	51.8	20.7	31.1	41.5
54		5.9	8.9	11.8	14.8	17.7	18.4	27.7	36.9	46.1	18.4	27.7	36.9
60		5.3	8.0	10.6	13.3	15.9	16.6	24.9	33.2	41.5	16.6	24.9	33.2
30	108	10.0	15.1	20.1	25.1	30.1	31.3	47.0	62.7	78.3	31.3	47.0	62.7
36		8.4	12.5	16.7	20.9	25.1	26.1	39.2	52.2	65.3	26.1	39.2	52.2
42		7.2	10.8	14.3	17.9	21.5	22.4	33.6	44.8	56.0	22.4	33.6	44.8
48		6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	19.6	29.4	39.2
54		5.6	8.4	11.2	13.9	16.7	17.4	26.1	34.8	43.5	17.4	26.1	34.8
60		5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	15.7	23.5	31.3
30	114	9.5	14.3	19.0	23.8	28.5	29.7	44.5	59.4	74.2	29.7	44.5	59.4
36		7.9	11.9	15.8	19.8	23.8	24.7	37.1	49.5	61.9	24.7	37.1	49.5
42		6.8	10.2	13.6	17.0	20.4	21.2	31.8	42.4	53.0	21.2	31.8	42.4
48		5.9	8.9	11.9	14.9	17.8	18.6	27.8	37.1	46.4	18.6	27.8	37.1
54		5.3	7.9	10.6	13.2	15.8	16.5	24.7	33.0	41.2	16.5	24.7	33.0
60		4.7	7.0	9.5	11.8	14.1	14.7	21.5	28.3	35.1	14.7	21.5	28.3
30	120	9.0	13.6	18.1	22.6	27.1	28.2	42.3	56.4	70.5	28.2	42.3	56.4
36		7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	23.5	35.3	47.0
42		6.5	9.7	12.9	16.1	19.4	20.1	30.2	40.3	50.4	20.1	30.2	40.3
48		5.6	8.5	11.3	14.1	16.9	17.6	26.4	35.3	44.1	17.6	26.4	35.3
54		5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	15.7	23.5	31.3
30	126	8.6	12.9	17.2	21.5	25.8	26.9	40.3	53.7	67.2	26.9	40.3	53.7
36		7.2	10.8	14.3	17.9	21.5	22.4	33.6	44.8	56.0	22.4	33.6	44.8
42		6.1	9.2	12.3	15.4	18.4	19.2	28.8	38.4	48.0	19.2	28.8	38.4
48		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	16.8	25.2	33.6
30	132	8.2	12.3	16.4	20.5	24.6	25.6	38.5	51.3	64.1	25.6	38.5	51.3
36		6.8	10.3	13.7	17.1	20.5	21.4	32.1	42.7	53.4	21.4	32.1	42.7
42		5.9	8.8	11.7	14.7	17.6	18.3	27.5	36.6	45.8	18.3	27.5	36.6
48		5.1	7.7	10.3	12.8	15.4	16.0	24.0	32.1	40.1	16.0	24.0	32.1
30	138	7.9	11.8	15.7	19.6	23.6	24.5	36.8	49.1	61.3	24.5	36.8	49.1
36		6.5	9.8	13.1	16.4	19.6	20.4	30.7	40.9	51.1	20.4	30.7	40.9
42		5.6	8.4	11.2	14.0	16.8	17.5	26.3	35.0	43.8	17.5	26.3	35.0
30	144	7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	23.5	35.3	47.0
36		6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	19.6	29.4	39.2
42		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	16.8	25.2	33.6
30	150	7.2	10.8	14.5	18.1	21.7	22.6	33.8	45.1	56.4	22.6	33.8	45.1
36		6.0	9.0	12.0	15.1	18.1	18.8	28.2	37.6	47.0	18.8	28.2	37.6
42		5.2	7.7	10.3	12.9	15.5	16.1	24.2	32.2	40.3	16.1	24.2	32.2
30	156	6.9	10.4	13.9	17.4	20.8	21.7	32.5	43.4	54.2	21.7	32.5	43.4
36		5.8	8.7	11.6	14.5	17.4	18.1	27.1	36.2	45.2	18.1	27.1	36.2

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DOOR MULLION & JAMB ANCHOR CAPACITY TABLE

ANCHOR LOAD CAPACITY (+/- PSF)														
DOOR PANEL - W2 (IN.)	SIDELITE WIDTH - W1 (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'A'					ANCHORS TYPE 'B'				ANCHORS TYPE 'C'		
			A2	A3	A4	A5	A6	B2	B3	B4	B5	C2	C3	C4
36	36	120	34.4	51.7	68.9	80.0	80.0	37.5	56.3	75.0	80.0	63.5	80.0	80.0
42			31.8	47.7	63.6	79.5	80.0	34.6	51.9	69.2	80.0	58.6	80.0	80.0
48			29.5	44.3	59.0	73.8	80.0	32.1	48.2	64.3	80.0	54.4	80.0	80.0
36	48		29.5	44.3	59.0	73.8	80.0	32.1	48.2	64.3	80.0	54.4	80.0	80.0
42			27.6	41.3	55.1	68.9	80.0	30.0	45.0	60.0	75.0	50.8	76.2	80.0
48			25.8	38.7	51.7	64.6	77.5	28.1	42.2	56.3	70.3	47.6	71.4	80.0
36	60		25.8	38.7	51.7	64.6	77.5	28.1	42.2	56.3	70.3	47.6	71.4	80.0
42			24.3	36.5	48.6	60.8	72.9	26.5	39.7	52.9	66.2	44.8	67.2	80.0
48			23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
36	72		23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0
42			21.8	32.6	43.5	54.4	65.3	23.7	35.5	47.4	59.2	40.1	60.2	80.0
48			20.7	31.0	41.3	51.7	62.0	22.5	33.8	45.0	56.3	38.1	57.2	76.2
36	36	126	32.8	49.2	65.6	80.0	80.0	35.7	53.6	71.4	80.0	60.5	80.0	80.0
42			30.3	45.4	60.6	75.7	80.0	33.0	49.5	65.9	80.0	55.8	80.0	80.0
48			28.1	42.2	56.2	70.3	80.0	30.6	45.9	61.2	76.5	51.8	77.8	80.0
36	48		28.1	42.2	56.2	70.3	80.0	30.6	45.9	61.2	76.5	51.8	77.8	80.0
42			26.2	39.4	52.5	65.6	78.7	28.6	42.9	57.1	71.4	48.4	72.6	80.0
48			24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
36	60		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0
42			23.2	34.7	46.3	57.9	69.5	25.2	37.8	50.4	63.0	42.7	64.0	80.0
48			21.9	32.8	43.7	54.7	65.6	23.8	35.7	47.6	59.5	40.3	60.5	80.0
36	72		21.9	32.8	43.7	54.7	65.6	23.8	35.7	47.6	59.5	40.3	60.5	80.0
42			20.7	31.1	41.4	51.8	62.1	22.6	33.8	45.1	56.4	38.2	57.3	76.4
48			19.7	29.5	39.4	49.2	59.0	21.4	32.1	42.9	53.6	36.3	54.4	72.6
36	36	132	31.3	47.0	62.6	78.3	80.0	34.1	51.1	68.2	80.0	57.7	80.0	80.0
42			28.9	43.4	57.8	72.3	80.0	31.5	47.2	62.9	78.7	53.3	79.9	80.0
48			26.8	40.3	53.7	67.1	80.0	29.2	43.8	58.4	73.1	49.5	74.2	80.0
36	48		26.8	40.3	53.7	67.1	80.0	29.2	43.8	58.4	73.1	49.5	74.2	80.0
42			25.0	37.6	50.1	62.6	75.1	27.3	40.9	54.5	68.2	46.2	69.3	80.0
48			23.5	35.2	47.0	58.7	70.4	25.6	38.4	51.1	63.9	43.3	64.9	80.0
36	60		23.5	35.2	47.0	58.7	70.4	25.6	38.4	51.1	63.9	43.3	64.9	80.0
42			22.1	33.2	44.2	55.3	66.3	24.1	36.1	48.1	60.2	40.7	61.1	80.0
48			20.9	31.3	41.7	52.2	62.6	22.7	34.1	45.5	56.8	38.5	57.7	77.0
36	72		20.9	31.3	41.7	52.2	62.6	22.7	34.1	45.5	56.8	38.5	57.7	77.0
42			19.8	29.7	39.5	49.4	59.3	21.5	32.3	43.1	53.8	36.5	54.7	72.9
48			18.8	28.2	37.6	47.0	56.4	20.5	30.7	40.9	51.1	34.6	52.0	69.3
36	36	138	29.9	44.9	59.9	74.9	80.0	32.6	48.9	65.2	80.0	55.2	80.0	80.0
42			27.6	41.5	55.3	69.1	80.0	30.1	45.2	60.2	75.3	51.0	76.5	80.0
48			25.7	38.5	51.3	64.2	77.0	28.0	41.9	55.9	69.9	47.3	71.0	80.0
36	48		25.7	38.5	51.3	64.2	77.0	28.0	41.9	55.9	69.9	47.3	71.0	80.0
42			24.0	35.9	47.9	59.9	71.9	26.1	39.1	52.2	65.2	44.2	66.3	80.0
48			22.5	33.7	44.9	56.2	67.4	24.5	36.7	48.9	61.1	41.4	62.1	80.0
36	60		22.5	33.7	44.9	56.2	67.4	24.5	36.7	48.9	61.1	41.4	62.1	80.0
42			21.1	31.7	42.3	52.9	63.4	23.0	34.5	46.0	57.5	39.0	58.5	78.0
48			20.0	29.9	39.9	49.9	59.9	21.7	32.6	43.5	54.3	36.8	55.2	73.6
36	72		20.0	29.9	39.9	49.9	59.9	21.7	32.6	43.5	54.3	36.8	55.2	73.6
42			18.9	28.4	37.8	47.3	56.7	20.6	30.9	41.2	51.5	34.9	52.3	69.7
48			18.0	27.0	35.9	44.9	53.9	19.6	29.3	39.1	48.9	33.1	49.7	66.3

ANCHOR LOAD CAPACITY (+/- PSF)															
DOOR PANEL - W2 (IN.)	SIDELITE WIDTH - W1 (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'A'					ANCHORS TYPE 'B'					ANCHORS TYPE 'C'		
			A2	A3	A4	A5	A6	B2	B3	B4	B5	C2	C3	C4	
36	36	144	28.7	43.1	57.4	71.8	80.0	31.3	46.9	62.5	78.1	52.9	79.4	80.0	
42			26.5	39.7	53.0	66.2	79.5	28.8	43.3	57.7	72.1	48.8	73.3	80.0	
48			24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0	
36	48		24.6	36.9	49.2	61.5	73.8	26.8	40.2	53.6	67.0	45.4	68.0	80.0	
42			23.0	34.4	45.9	57.4	68.9	25.0	37.5	50.0	62.5	42.3	63.5	80.0	
48			21.5	32.3	43.1	53.8	64.6	23.4	35.2	46.9	58.6	39.7	59.5	79.4	
36	60		21.5	32.3	43.1	53.8	64.6	23.4	35.2	46.9	58.6	39.7	59.5	79.4	
42			20.3	30.4	40.5	50.6	60.8	22.1	33.1	44.1	55.1	37.4	56.0	74.7	
48			19.1	28.7	38.3	47.8	57.4	20.8	31.3	41.7	52.1	35.3	52.9	70.6	
36	72		19.1	28.7	38.3	47.8	57.4	20.8	31.3	41.7	52.1	35.3	52.9	70.6	
42			18.1	27.2	36.3	45.3	54.4	19.7	29.6	39.5	49.3	33.4	50.1	66.8	
48			17.2	25.8	34.4	43.1	51.7	18.8	28.1	37.5	46.9	31.8	47.6	63.5	
36	36	150	27.6	41.3	55.1	68.9	80.0	30.0	45.0	60.0	75.0	50.8	76.2	80.0	
42			25.4	38.1	50.9	63.6	76.3	27.7	41.5	55.4	69.2	46.9	70.3	80.0	
48			23.6	35.4	47.2	59.0	70.8	25.7	38.6	51.4	64.3	43.5	65.3	80.0	
36			48	23.6	35.4	47.2	59.0	70.8	25.7	38.6	51.4	64.3	43.5	65.3	80.0
42				22.0	33.1	44.1	55.1	66.1	24.0	36.0	48.0	60.0	40.6	61.0	80.0
48				20.7	31.0	41.3	51.7	62.0	22.5	33.8	45.0	56.3	38.1	57.2	76.2
36			60	20.7	31.0	41.3	51.7	62.0	22.5	33.8	45.0	56.3	38.1	57.2	76.2
42				19.4	29.2	38.9	48.6	58.3	21.2	31.8	42.4	52.9	35.9	53.8	71.7
48				18.4	27.6	36.7	45.9	55.1	20.0	30.0	40.0	50.0	33.9	50.8	67.7
36	72	18.4	27.6	36.7	45.9	55.1	20.0	30.0	40.0	50.0	33.9	50.8	67.7		
42		17.4	26.1	34.8	43.5	52.2	18.9	28.4	37.9	47.4	32.1	48.1	64.2		
48		16.5	24.8	33.1	41.3	49.6	18.0	27.0	36.0	45.0	30.5	45.7	61.0		
36	36	156	26.5	39.7	53.0	66.2	79.5	28.8	43.3	57.7	72.1	48.8	73.3	80.0	
42			24.5	36.7	48.9	61.1	73.4	26.6	39.9	53.3	66.6	45.1	67.6	80.0	
48			22.7	34.1	45.4	56.8	68.1	24.7	37.1	49.5	61.8	41.9	62.8	80.0	
36	48		22.7	34.1	45.4	56.8	68.1	24.7	37.1	49.5	61.8	41.9	62.8	80.0	
42			21.2	31.8	42.4	53.0	63.6	23.1	34.6	46.2	57.7	39.1	58.6	78.2	
48			19.9	29.8	39.7	49.7	59.6	21.6	32.5	43.3	54.1	36.6	55.0	73.3	
36	60		19.9	29.8	39.7	49.7	59.6	21.6	32.5	43.3	54.1	36.6	55.0	73.3	
42			18.7	28.1	37.4	46.8	56.1	20.4	30.5	40.7	50.9	34.5	51.7	69.0	
48			17.7	26.5	35.3	44.2	53.0	19.2	28.8	38.5	48.1	32.6	48.8	65.1	
36	72	17.7	26.5	35.3	44.2	53.0	19.2	28.8	38.5	48.1	32.6	48.8	65.1		
42		16.7	25.1	33.5	41.8	50.2	18.2	27.3	36.4	45.5	30.9	46.3	61.7		
48		15.9	23.8	31.8	39.7	47.7	17.3	26.0	34.6	43.3	29.3	44.0	58.6		

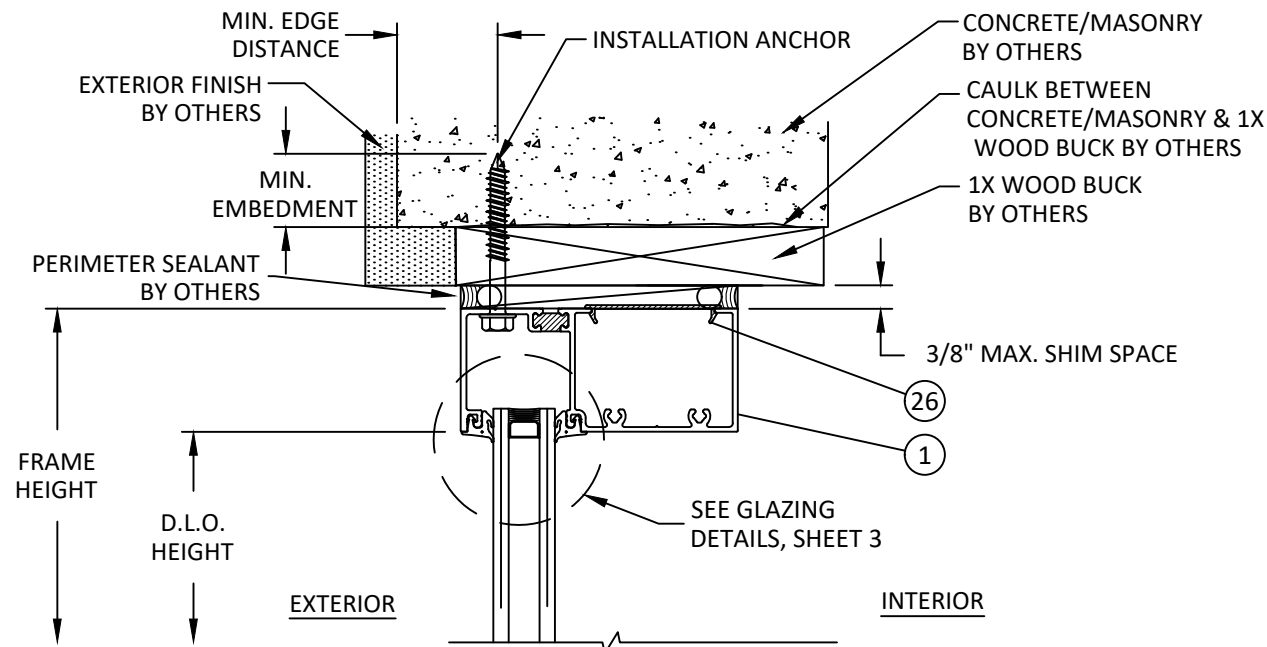
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DOOR MULLION & JAMB ANCHOR CAPACITY TABLE

ANCHOR LOAD CAPACITY (+/- PSF)															
DOOR PANEL - W2 (IN.)	SIDELITE WIDTH - W1 (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'D'					ANCHORS TYPE 'E'					ANCHORS TYPE 'F'		
			D2	D3	D4	D5	D6	E2	E3	E4	E5	F2	F3	F4	
36	36	120	7.5	11.3	15.1	18.8	22.6	23.5	35.3	47.0	58.8	13.1	19.7	26.2	
42			6.9	10.4	13.9	17.4	20.8	21.7	32.5	43.4	54.2	12.1	18.1	24.2	
48			6.5	9.7	12.9	16.1	19.4	20.1	30.2	40.3	50.4	11.2	16.9	22.5	
36	48		6.5	9.7	12.9	16.1	19.4	20.1	30.2	40.3	50.4	11.2	16.9	22.5	
42			6.0	9.0	12.0	15.1	18.1	18.8	28.2	37.6	47.0	10.5	15.7	21.0	
48			5.6	8.5	11.3	14.1	16.9	17.6	26.4	35.3	44.1	9.8	14.7	19.7	
36	60		5.6	8.5	11.3	14.1	16.9	17.6	26.4	35.3	44.1	9.8	14.7	19.7	
42			5.3	8.0	10.6	13.3	15.9	16.6	24.9	33.2	41.5	9.3	13.9	18.5	
48			5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	8.7	13.1	17.5	
36	72		5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	8.7	13.1	17.5	
42			4.8	7.1	9.5	11.9	14.3	14.8	22.3	29.7	37.1	8.3	12.4	16.6	
48			4.5	6.8	9.0	11.3	13.6	14.1	21.2	28.2	35.3	7.9	11.8	15.7	
36	36	126	7.2	10.8	14.3	17.9	21.5	22.4	33.6	44.8	56.0	12.5	18.7	25.0	
42			6.6	9.9	13.2	16.5	19.9	20.7	31.0	41.3	51.7	11.5	17.3	23.0	
48			6.1	9.2	12.3	15.4	18.4	19.2	28.8	38.4	48.0	10.7	16.0	21.4	
36	48		6.1	9.2	12.3	15.4	18.4	19.2	28.8	38.4	48.0	10.7	16.0	21.4	
42			5.7	8.6	11.5	14.3	17.2	17.9	26.9	35.8	44.8	10.0	15.0	20.0	
48			5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	9.4	14.0	18.7	
36	60		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	9.4	14.0	18.7	
42			5.1	7.6	10.1	12.7	15.2	15.8	23.7	31.6	39.5	8.8	13.2	17.6	
48			4.8	7.2	9.6	12.0	14.3	14.9	22.4	29.8	37.3	8.3	12.5	16.6	
36	72		4.8	7.2	9.6	12.0	14.3	14.9	22.4	29.8	37.3	8.3	12.5	16.6	
42			4.5	6.8	9.1	11.3	13.6	14.1	21.2	28.3	35.3	7.9	11.8	15.8	
48			4.3	6.5	8.6	10.8	12.9	13.4	20.1	26.9	33.6	7.5	11.2	15.0	
36	36	132	6.8	10.3	13.7	17.1	20.5	21.4	32.1	42.7	53.4	11.9	17.9	23.8	
42			6.3	9.5	12.6	15.8	19.0	19.7	29.6	39.4	49.3	11.0	16.5	22.0	
48			5.9	8.8	11.7	14.7	17.6	18.3	27.5	36.6	45.8	10.2	15.3	20.4	
36	48		5.9	8.8	11.7	14.7	17.6	18.3	27.5	36.6	45.8	10.2	15.3	20.4	
42			5.5	8.2	11.0	13.7	16.4	17.1	25.6	34.2	42.7	9.5	14.3	19.1	
48			5.1	7.7	10.3	12.8	15.4	16.0	24.0	32.1	40.1	8.9	13.4	17.9	
36	60		5.1	7.7	10.3	12.8	15.4	16.0	24.0	32.1	40.1	8.9	13.4	17.9	
42			4.8	7.2	9.7	12.1	14.5	15.1	22.6	30.2	37.7	8.4	12.6	16.8	
48			4.6	6.8	9.1	11.4	13.7	14.2	21.4	28.5	35.6	7.9	11.9	15.9	
36	72		4.6	6.8	9.1	11.4	13.7	14.2	21.4	28.5	35.6	7.9	11.9	15.9	
42			4.3	6.5	8.6	10.8	13.0	13.5	20.2	27.0	33.7	7.5	11.3	15.1	
48			4.1	6.2	8.2	10.3	12.3	12.8	19.2	25.6	32.1	7.1	10.7	14.3	
36	36	138	6.5	9.8	13.1	16.4	19.6	20.4	30.7	40.9	51.1	11.4	17.1	22.8	
42			6.0	9.1	12.1	15.1	18.1	18.9	28.3	37.7	47.2	10.5	15.8	21.0	
48			5.6	8.4	11.2	14.0	16.8	17.5	26.3	35.0	43.8	9.8	14.7	19.5	
36	48		5.6	8.4	11.2	14.0	16.8	17.5	26.3	35.0	43.8	9.8	14.7	19.5	
42			5.2	7.9	10.5	13.1	15.7	16.4	24.5	32.7	40.9	9.1	13.7	18.2	
48			4.9	7.4	9.8	12.3	14.7	15.3	23.0	30.7	38.3	8.5	12.8	17.1	
36	60		4.9	7.4	9.8	12.3	14.7	15.3	23.0	30.7	38.3	8.5	12.8	17.1	
42			4.6	6.9	9.2	11.6	13.9	14.4	21.6	28.9	36.1	8.0	12.1	16.1	
48			4.4	6.5	8.7	10.9	13.1	13.6	20.4	27.3	34.1	7.6	11.4	15.2	
36	72		4.4	6.5	8.7	10.9	13.1	13.6	20.4	27.3	34.1	7.6	11.4	15.2	
42			4.1	6.2	8.3	10.3	12.4	12.9	19.4	25.8	32.3	7.2	10.8	14.4	
48			3.9	5.9	7.9	9.8	11.8	12.3	18.4	24.5	30.7	6.8	10.3	13.7	

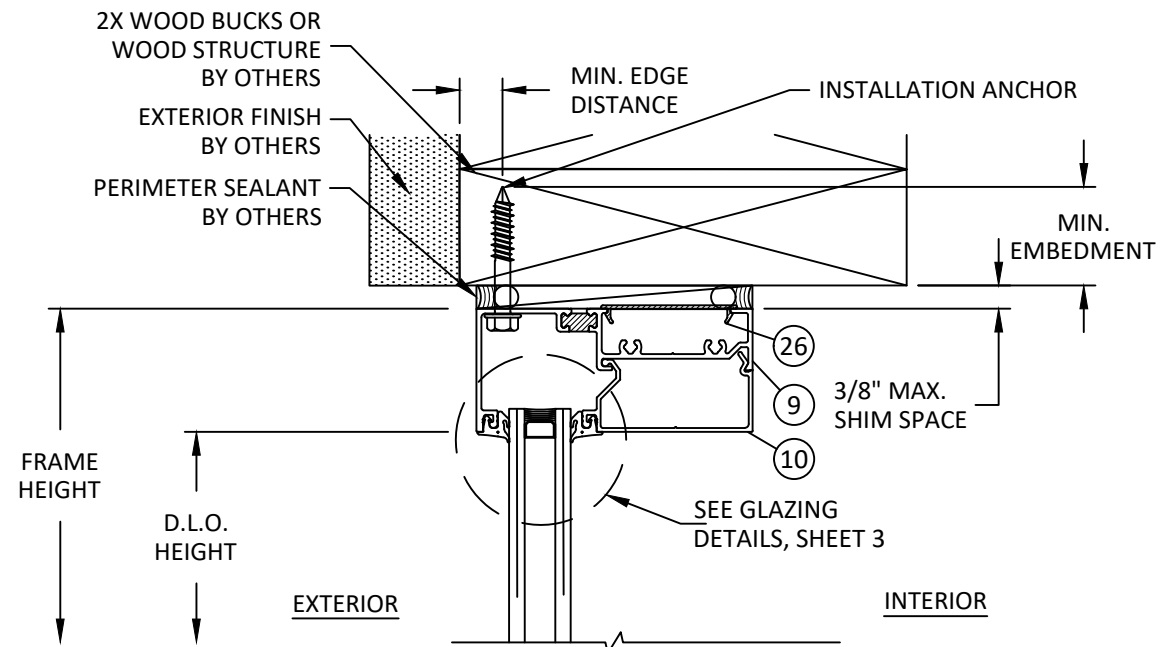
ANCHOR LOAD CAPACITY (+/- PSF)															
DOOR PANEL - W2 (IN.)	SIDELITE WIDTH - W1 (IN.)	FRAME HEIGHT (IN.)	ANCHORS TYPE 'D'					ANCHORS TYPE 'E'					ANCHORS TYPE 'F'		
			D2	D3	D4	D5	D6	E2	E3	E4	E5	F2	F3	F4	
36	36	144	6.3	9.4	12.5	15.7	18.8	19.6	29.4	39.2	49.0	10.9	16.4	21.8	
42			5.8	8.7	11.6	14.5	17.4	18.1	27.1	36.2	45.2	10.1	15.1	20.2	
48			5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	9.4	14.0	18.7	
36	48		5.4	8.1	10.8	13.4	16.1	16.8	25.2	33.6	42.0	9.4	14.0	18.7	
42			5.0	7.5	10.0	12.5	15.1	15.7	23.5	31.3	39.2	8.7	13.1	17.5	
48			4.7	7.1	9.4	11.8	14.1	14.7	22.0	29.4	36.7	8.2	12.3	16.4	
36	60		4.7	7.1	9.4	11.8	14.1	14.7	22.0	29.4	36.7	8.2	12.3	16.4	
42			4.4	6.6	8.9	11.1	13.3	13.8	20.7	27.7	34.6	7.7	11.6	15.4	
48			4.2	6.3	8.4	10.5	12.5	13.1	19.6	26.1	32.6	7.3	10.9	14.6	
36	72		4.2	6.3	8.4	10.5	12.5	13.1	19.6	26.1	32.6	7.3	10.9	14.6	
42			4.0	5.9	7.9	9.9	11.9	12.4	18.6	24.7	30.9	6.9	10.3	13.8	
48			3.8	5.6	7.5	9.4	11.3	11.8	17.6	23.5	29.4	6.6	9.8	13.1	
36	36	150	6.0	9.0	12.0	15.1	18.1	18.8	28.2	37.6	47.0	10.5	15.7	21.0	
42			5.6	8.3	11.1	13.9	16.7	17.4	26.0	34.7	43.4	9.7	14.5	19.4	
48			5.2	7.7	10.3	12.9	15.5	16.1	24.2	32.2	40.3	9.0	13.5	18.0	
36	48		5.2	7.7	10.3	12.9	15.5	16.1	24.2	32.2	40.3	9.0	13.5	18.0	
42			4.8	7.2	9.6	12.0	14.5	15.0	22.6	30.1	37.6	8.4	12.6	16.8	
48			4.5	6.8	9.0	11.3	13.6	14.1	21.2	28.2	35.3	7.9	11.8	15.7	
36	60		4.5	6.8	9.0	11.3	13.6	14.1	21.2	28.2	35.3	7.9	11.8	15.7	
42			4.3	6.4	8.5	10.6	12.8	13.3	19.9	26.5	33.2	7.4	11.1	14.8	
48			4.0	6.0	8.0	10.0	12.0	12.5	18.8	25.1	31.3	7.0	10.5	14.0	
36	72		4.0	6.0	8.0	10.0	12.0	12.5	18.8	25.1	31.3	7.0	10.5	14.0	
42			3.8	5.7	7.6	9.5	11.4	11.9	17.8	23.8	29.7	6.6	9.9	13.2	
48			3.6	5.4	7.2	9.0	10.8	11.3	16.9	22.6	28.2	6.3	9.4	12.6	
36	36	156	5.8	8.7	11.6	14.5	17.4	18.1	27.1	36.2	45.2	10.1	15.1	20.2	
42			5.3	8.0	10.7	13.4	16.0	16.7	25.0	33.4	41.7	9.3	14.0	18.6	
48			5.0	7.4	9.9	12.4	14.9	15.5	23.2	31.0	38.7	8.6	13.0	17.3	
36	48		5.0	7.4	9.9	12.4	14.9	15.5	23.2	31.0	38.7	8.6	13.0	17.3	
42			4.6	6.9	9.3	11.6	13.9	14.5	21.7	28.9	36.2	8.1	12.1	16.1	
48			4.3	6.5	8.7	10.9	13.0	13.6	20.3	27.1	33.9	7.6	11.3	15.1	
36	60		4.3	6.5	8.7	10.9	13.0	13.6	20.3	27.1	33.9	7.6	11.3	15.1	
42			4.1	6.1	8.2	10.2	12.3	12.8	19.1	25.5	31.9	7.1	10.7	14.2	
48			3.9	5.8	7.7	9.7	11.6	12.1	18.1	24.1	30.1	6.7	10.1	13.4	
36	72		3.9	5.8	7.7	9.7	11.6	12.1	18.1	24.1	30.1	6.7	10.1	13.4	
42			3.7	5.5	7.3	9.1	11.0	11.4	17.1	22.8	28.5	6.4	9.6	12.7	
48			3.5	5.2	6.9	8.7	10.4	10.8	16.3	21.7	27.1	6.0	9.1	12.1	

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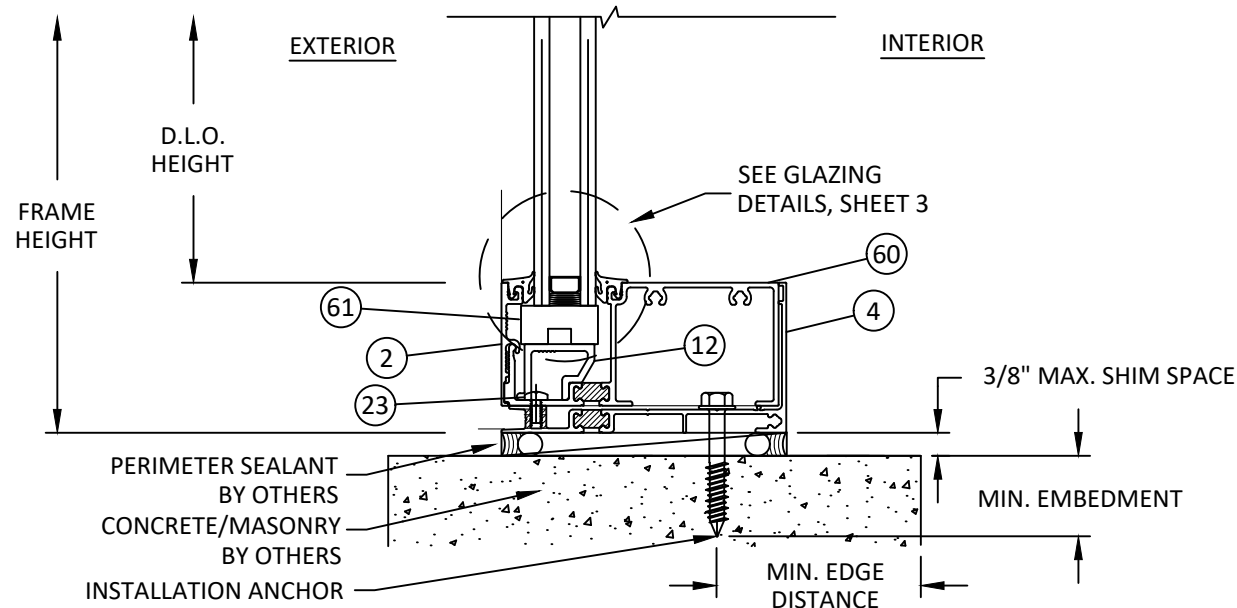


A
14 VERTICAL SECTION
HEAD - CONCRETE/MASONRY W/ 1X BUCK
OG

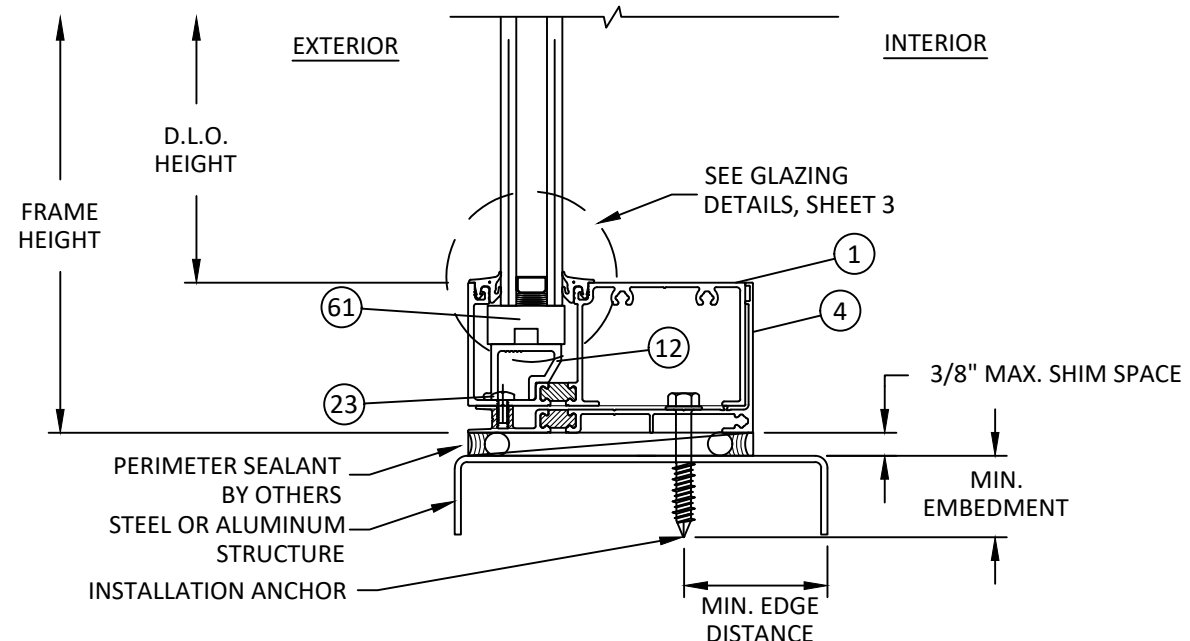
NOTE: FOR INSTALLATION
ANCHOR, MIN. EDGE DISTANCE,
AND MIN. EMBEDMENT, SEE
ANCHOR SCHEDULE ON SHEET 10



B
14 VERTICAL SECTION
HEAD - 2X WOOD BUCK
IG



C
14 VERTICAL SECTION
SILL - CONCRETE/MASONRY
OG/SSG



D
14 VERTICAL SECTION
SILL - STEEL OR ALUMINUM SUBSTRATE
IG



YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

VERTICAL SECTIONS

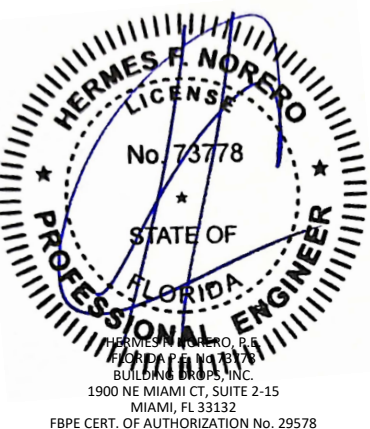
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:

FL12926

DATE: 08.10.17

DWG. BY: SH
CHK. BY: HFN

SCALE: NTS

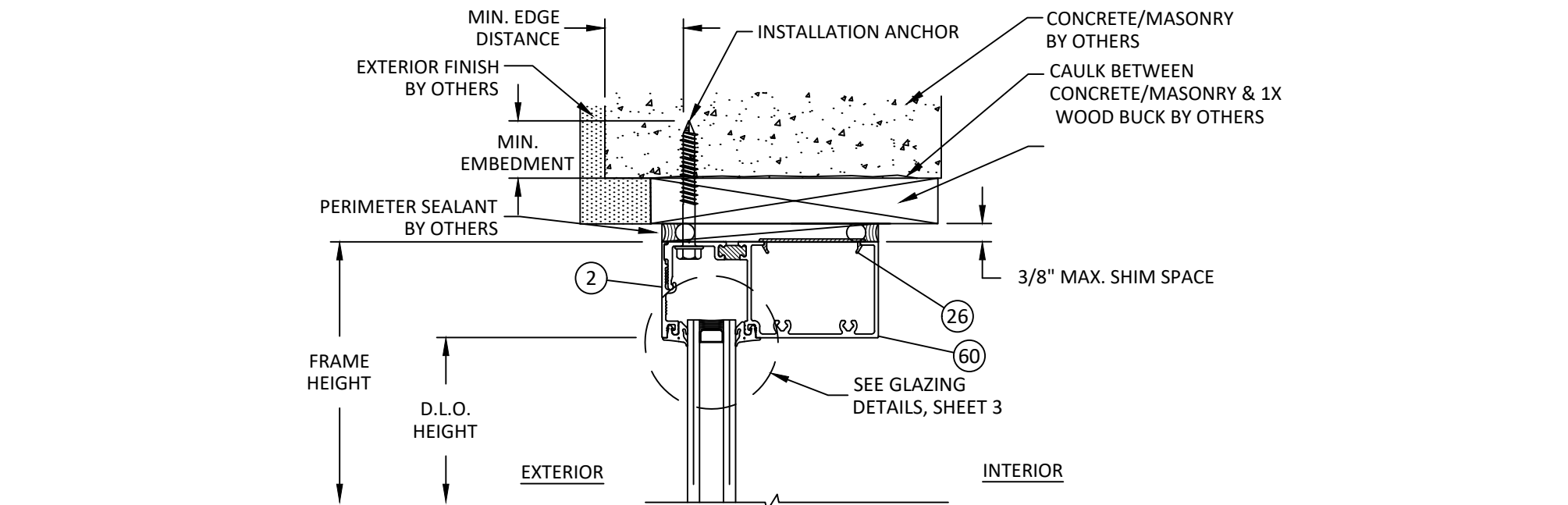
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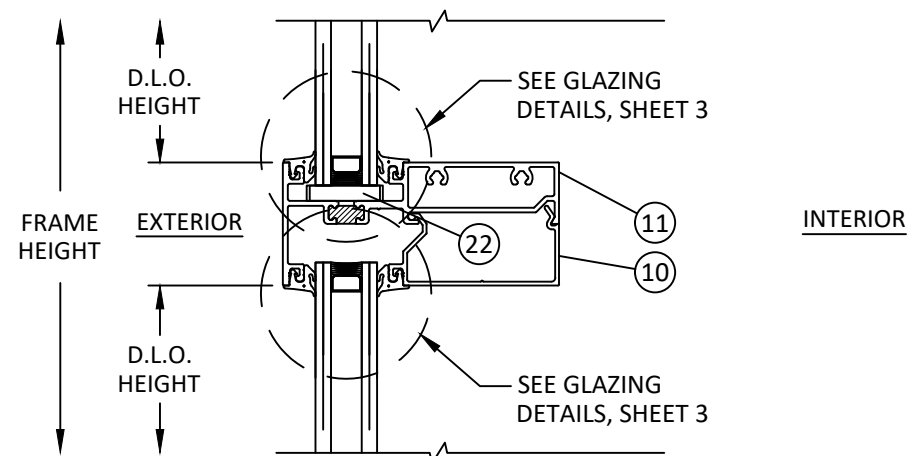
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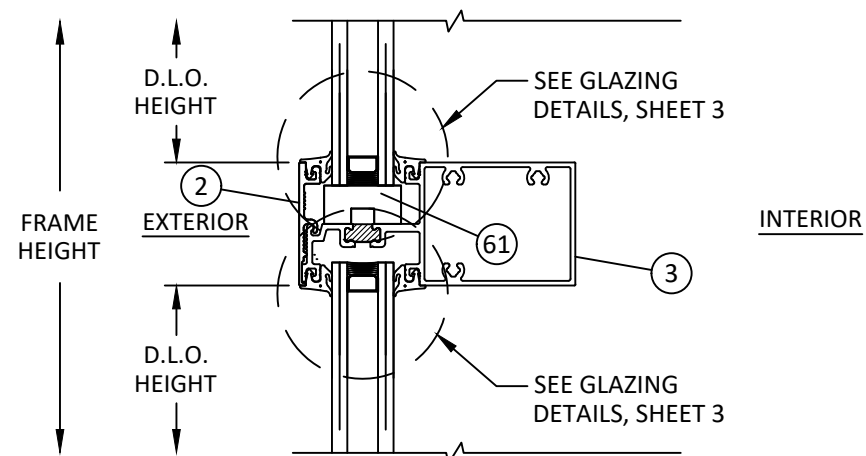
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E
15 **VERTICAL SECTION**
HEAD - CONCRETE/MASONRY W/ 1X BUCK
SSG



F
15 **VERTICAL SECTION**
HORIZONTAL MULLION (M19)
IG



G
15 **VERTICAL SECTION**
HORIZONTAL MULLION (M20)
OG/SSG

MULLION LOAD CAPACITY			
D.L.O. HEIGHT ABOVE HORIZONTAL (IN.)	HORIZONTAL SPAN (IN.)	DESIGN PRESSURE (+/- PSF)	
		M19	M20
18	72	29.3	35.1
24	66	28.5	34.2
36	60	25.3	30.3
48	54	26.0	31.2
66	48	26.9	32.3
84	42	26.3	31.6
102	36	25.3	30.4



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PH: (678) 838-6000

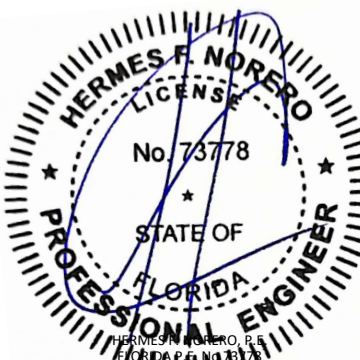
TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
VERTICAL SECTIONS & HORIZONTAL
MULLION CAPACITY TABLE

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



REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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

FL #: **FL12926**

DATE: **08.10.17**

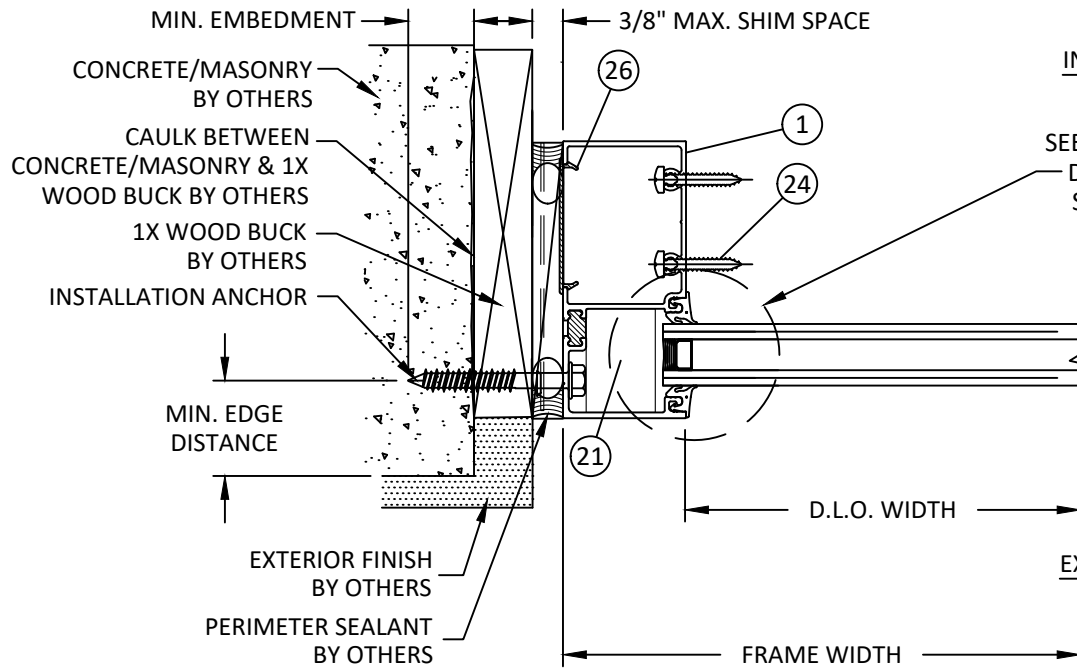
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SCALE: **NTS**

DWG. #: **YKK219**

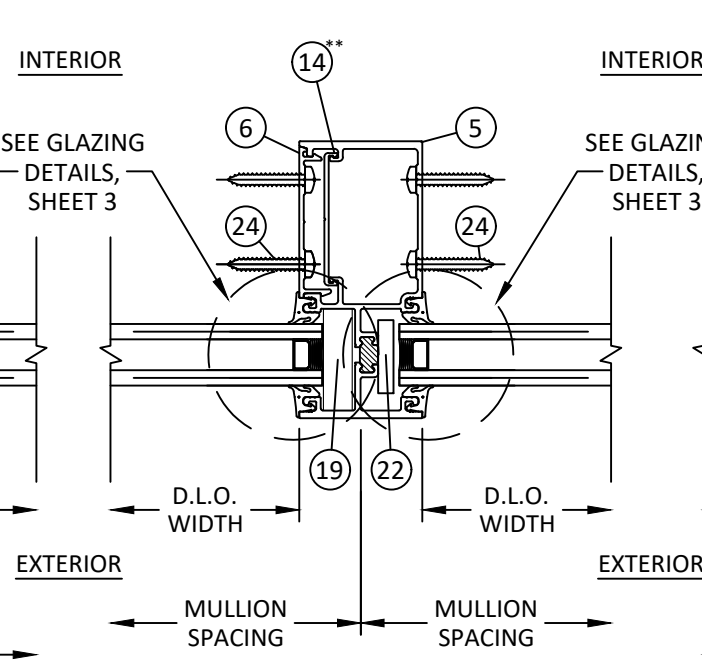
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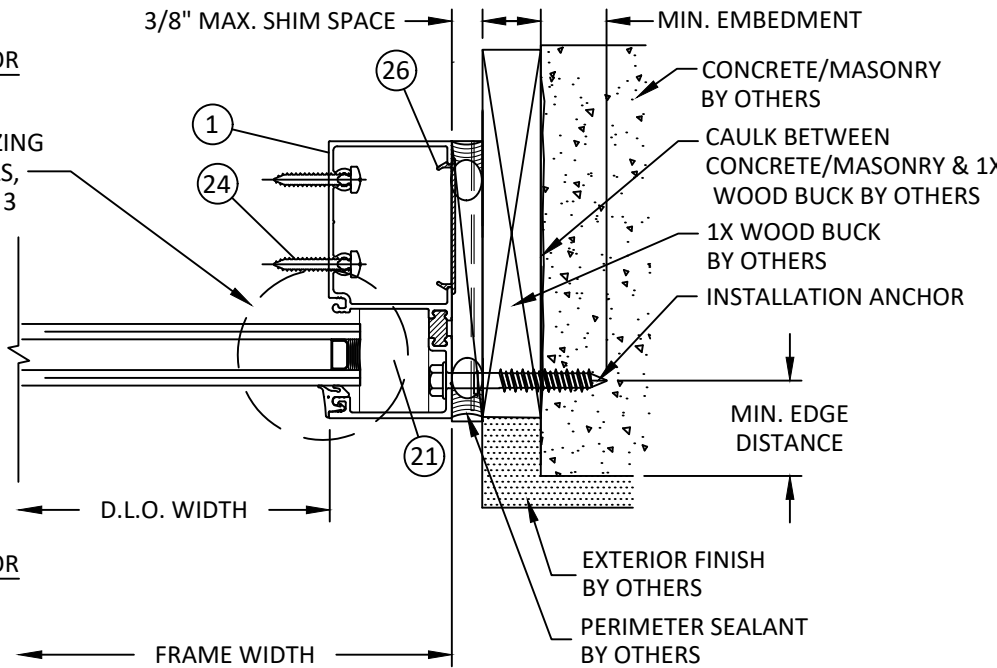
H **HORIZONTAL SECTION**
16 JAMB - CONCRETE/MASONRY W/ 1X BUCK

NOTE:
*OPTIONAL
**BASED ON DESIGN LOAD

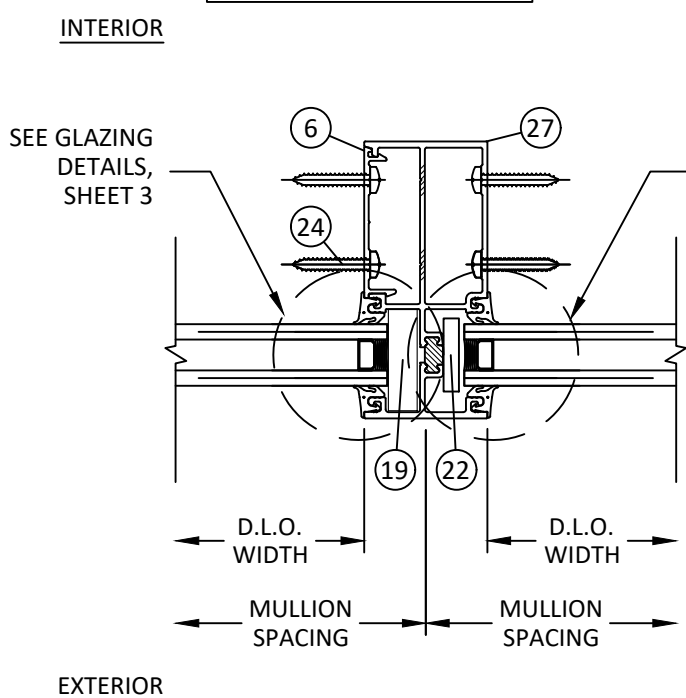


I **HORIZONTAL SECTION**
16 VERTICAL MULLION (M1)
OG/IG

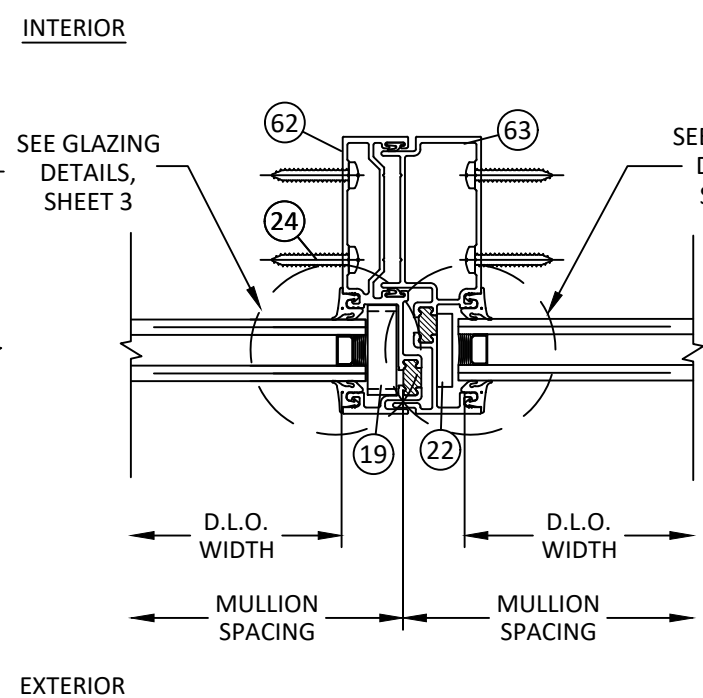
NOTE: FOR INSTALLATION ANCHOR, MIN. EDGE DISTANCE,
AND MIN. EMBEDMENT, SEE ANCHOR SCHEDULE ON SHEET 10



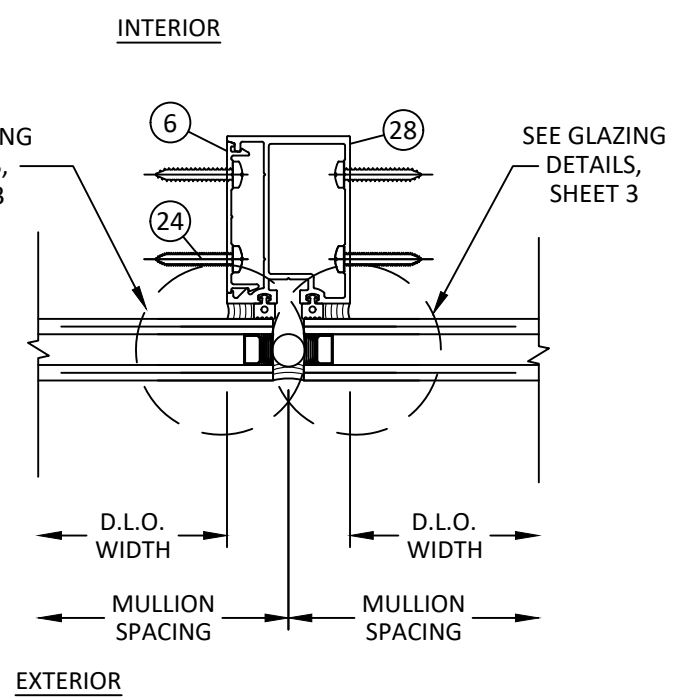
J **HORIZONTAL SECTION**
16 JAMB - CONCRETE/MASONRY W/ 1X BUCK



K **HORIZONTAL SECTION**
16 VERTICAL MULLION (M2)
OG/IG



L **HORIZONTAL SECTION**
16 EXPANSION MULLION (M5)
OG/IG



M **HORIZONTAL SECTION**
16 VERTICAL MULLION (M4)
SSG

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ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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

FL #: FL12926

DATE: 08.10.17

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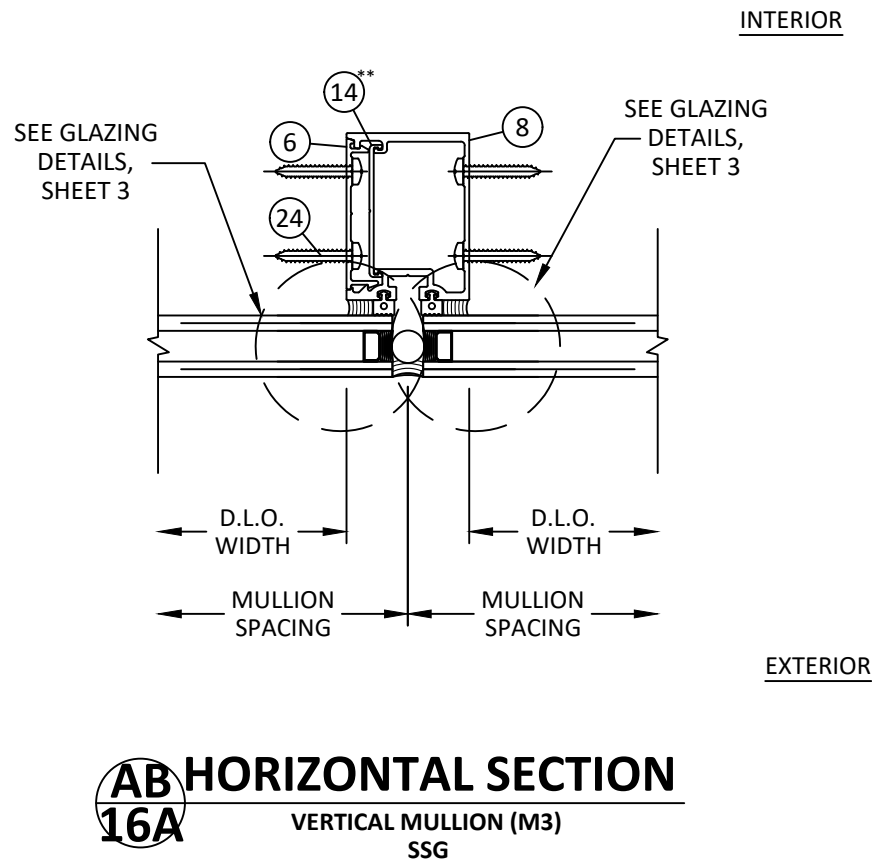
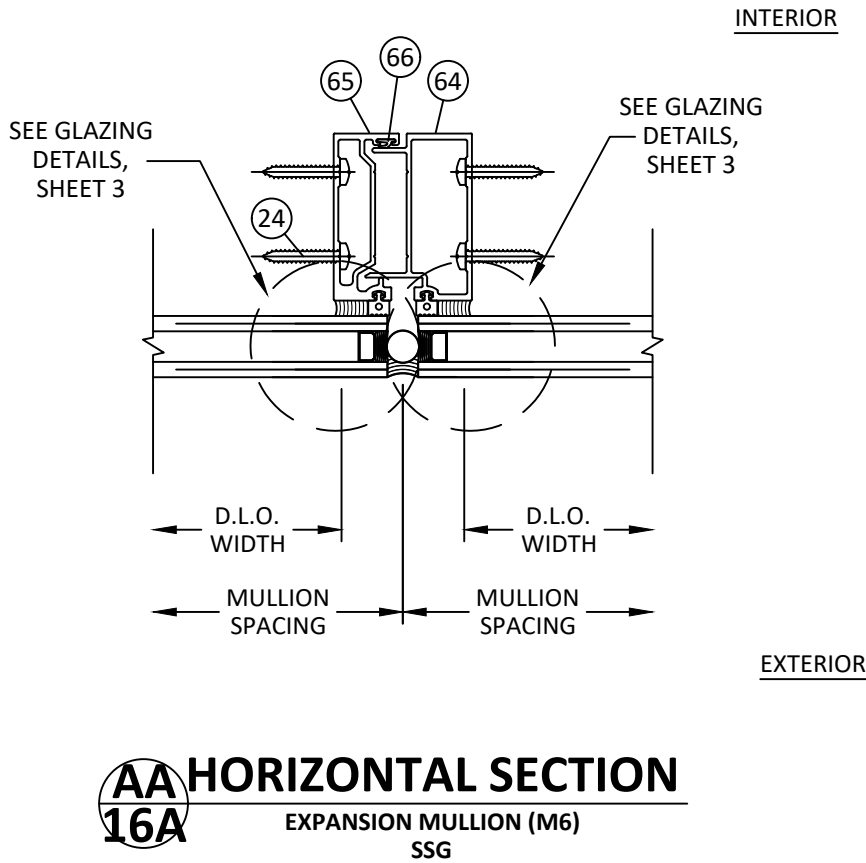
SCALE: NTS

DWG. #: YKK219

SHEET: 16

[Page 19 of 28]

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TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
HORIZONTAL SECTIONS

PREPARED BY: **B.D.**
BUILDING DROPS

BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
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DATE: **08.10.17**

DWG. BY: SH	CHK. BY: HFN
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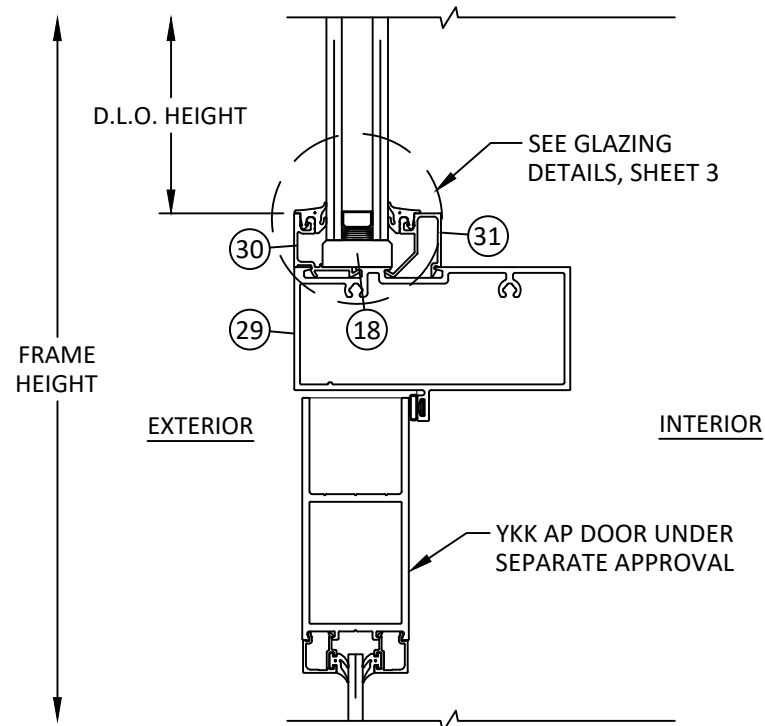
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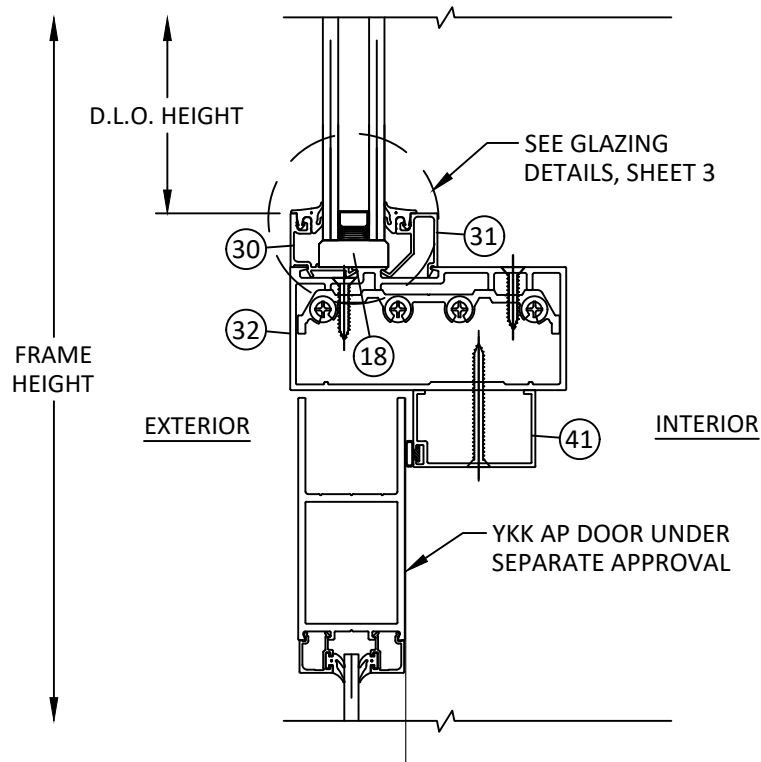
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[Page 20 of 28]

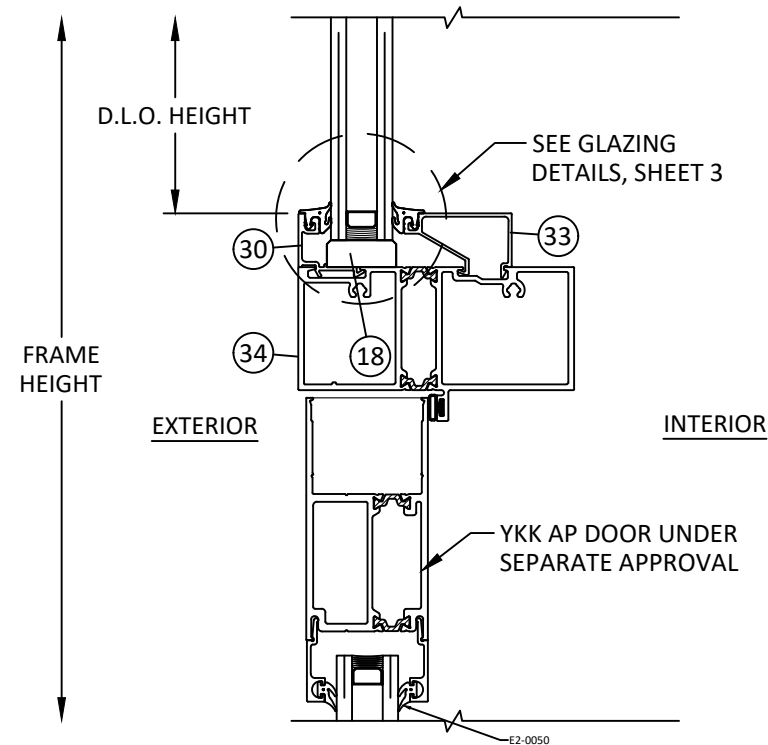
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N
17 **VERTICAL SECTION**
HORIZONTAL MULLION (M15)
D DOOR SERIES



O
17 **VERTICAL SECTION**
HORIZONTAL MULLION (M16)
D/T DOOR SERIES



P
17 **VERTICAL SECTION**
HORIZONTAL MULLION (M17)
T DOOR SERIES



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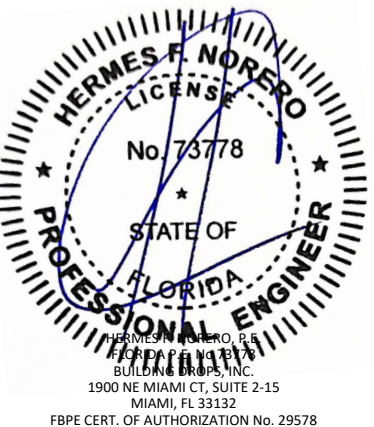
TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
VERTICAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
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FAX: (954) 744-4738
WEB: www.buildingdrops.com



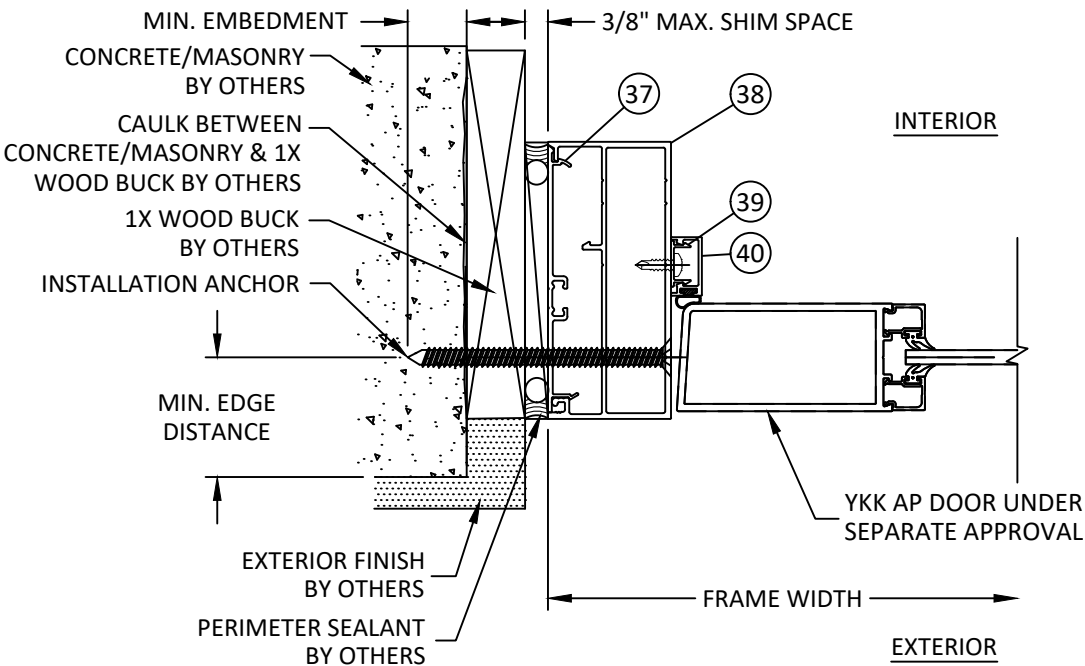
REMARKS	BY	DATE
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK219
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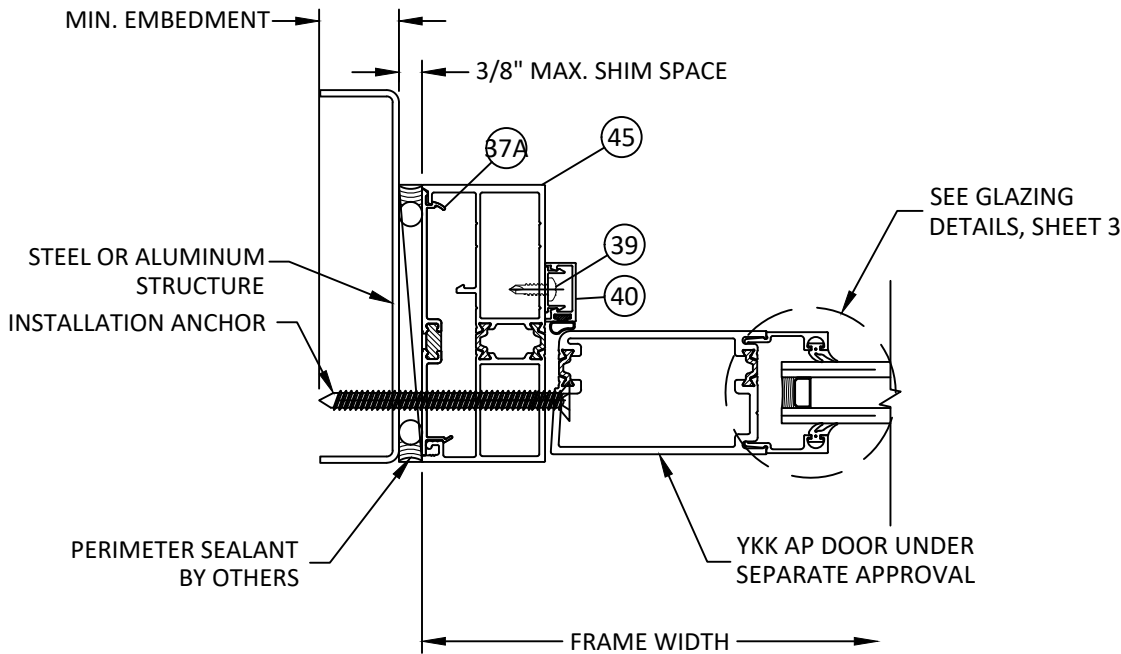
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Q18 HORIZONTAL SECTION
JAMB - CONCRETE/MASONRY W/ 1X BUCK
DOOR MULLION (D DOOR SERIES)

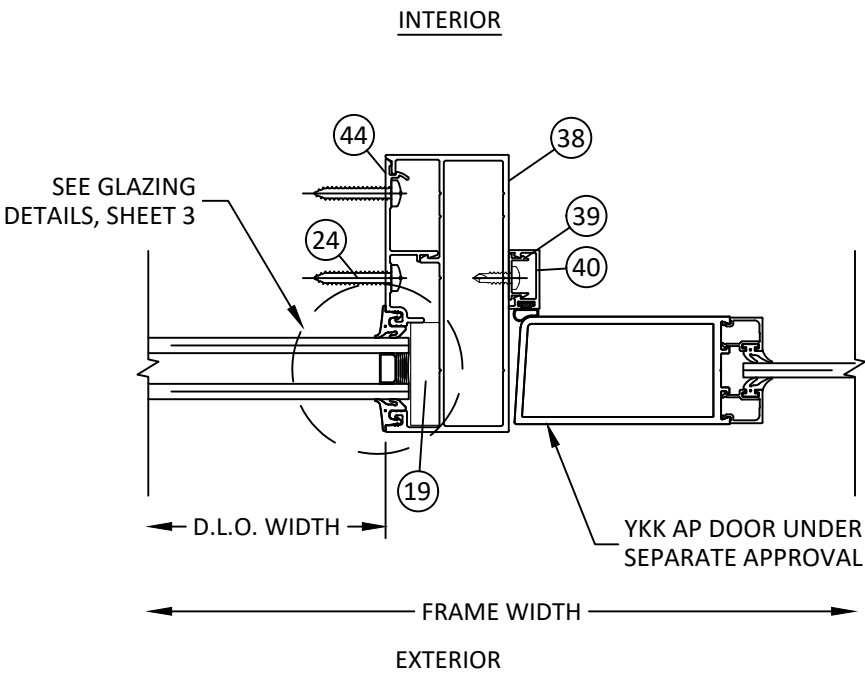
NOTE: INSTALLATION OF 'M13' SHOWN,
INSTALLATION OF 'M14' AND 'M15' SIMILAR

NOTE: FOR INSTALLATION
ANCHOR, MIN. EDGE DISTANCE,
AND MIN. EMBEDMENT, SEE
ANCHOR SCHEDULE ON SHEET 10

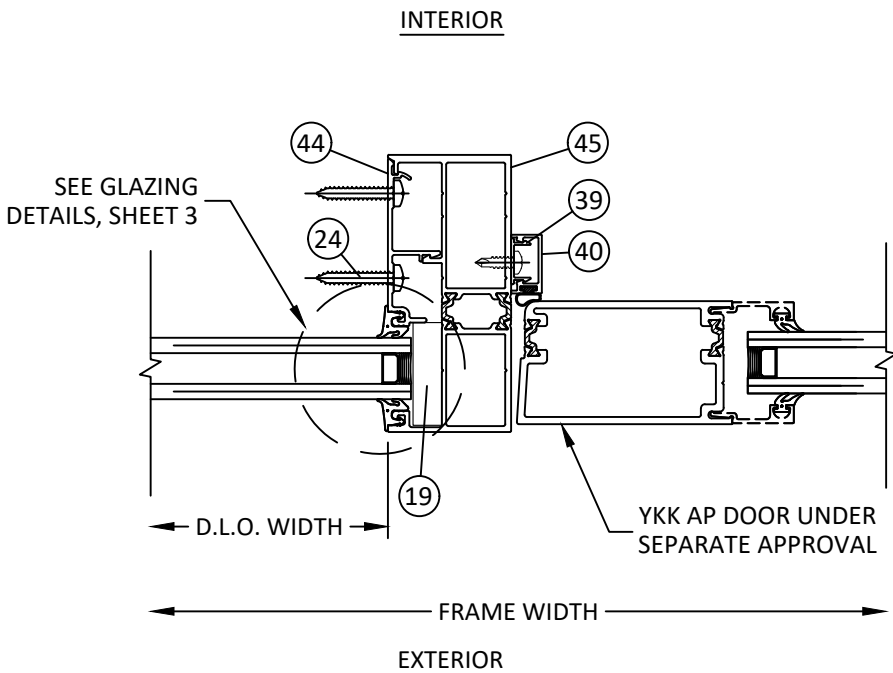


R18 HORIZONTAL SECTION
JAMB - STEEL OR ALUMINUM SUBSTRATE
DOOR MULLION (T DOOR SERIES)

NOTE: INSTALLATION OF 'M13' SHOWN,
INSTALLATION OF 'M14' AND 'M15' SIMILAR



S18 HORIZONTAL SECTION
DOOR MULLION 'M13'
(D DOOR SERIES)



T18 HORIZONTAL SECTION
DOOR MULLION 'M14'
(T DOOR SERIES)



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ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

PH: (954) 999-8478

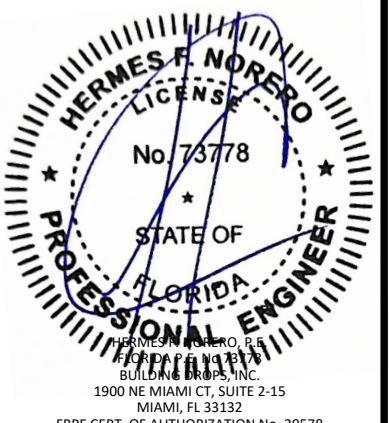
FAX: (954) 744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
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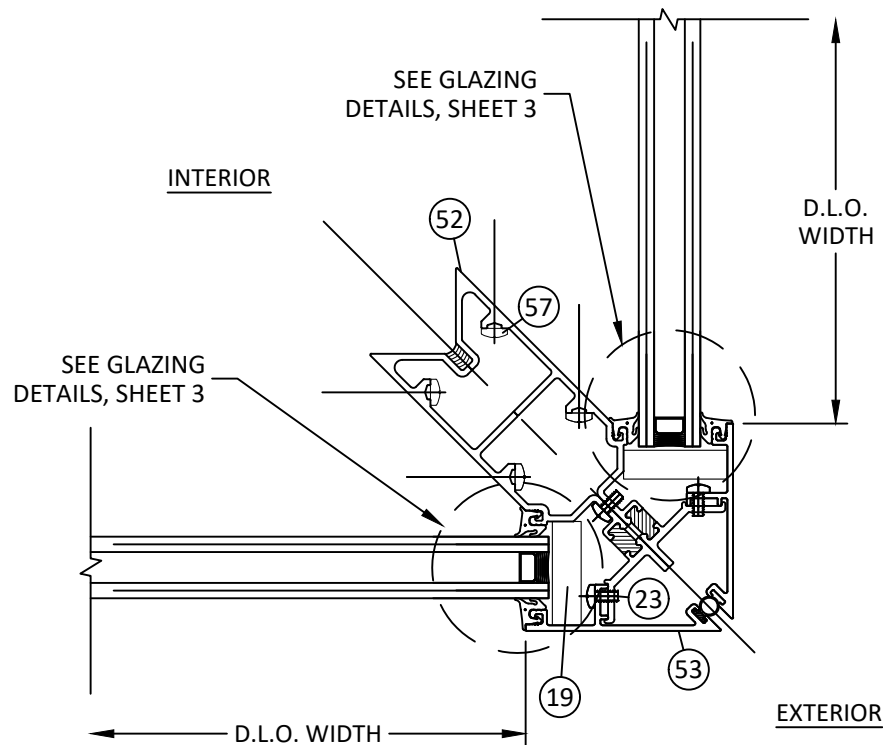
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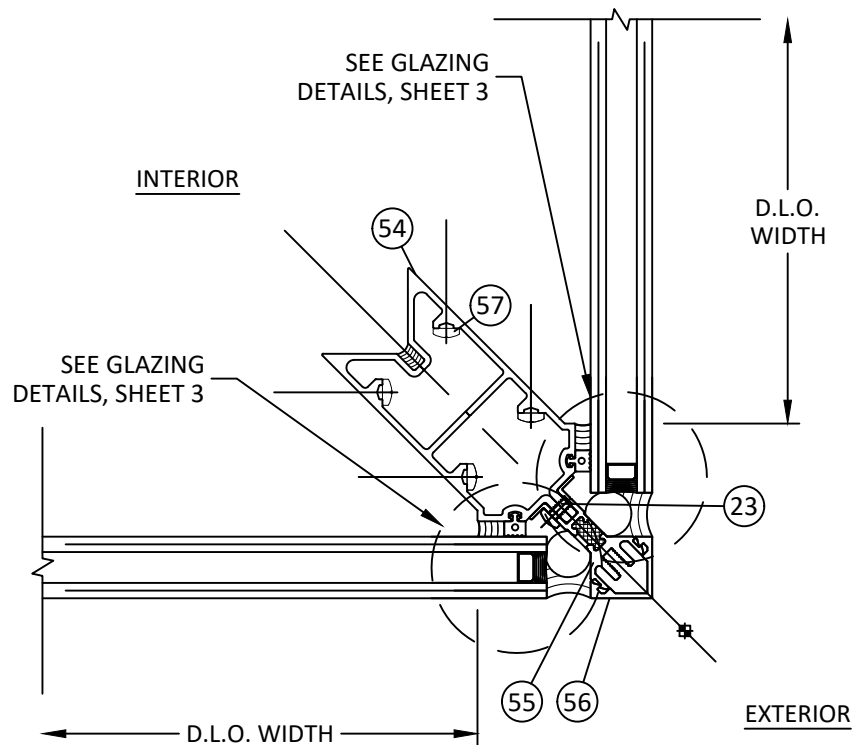
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK219
SHEET:	

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Y
20 **HORIZONTAL SECTION**
90 DEGREE OUTSIDE CORNER (OG/IG)
CORNER MULLION (M9)



Z
20 **HORIZONTAL SECTION**
90 DEGREE OUTSIDE CORNER (SSG)
CORNER MULLION (M10)



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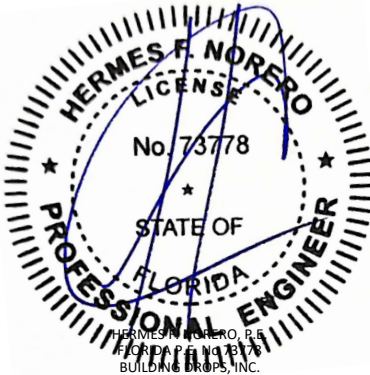
YKK AP AMERICA, INC.
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ATLANTA, GA 30303
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TITLE: YES 45 TU FRONT SET
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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FL12926

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DWG. BY:
SH

CHK. BY:
HFN

SCALE: **NTS**

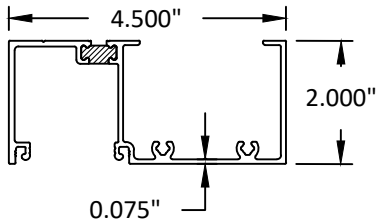
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[Page 24 of 28]

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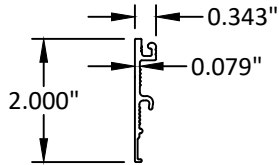
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ITEM	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	BY7-7575	OG HEAD/JAMB/IG SILL	6063-T5	YKK AP
2	Y7-7438	OG GLASS STOP	6063-T5	YKK AP
3	BY7-7509	OG/SSG HORIZONTAL	6063-T5	YKK AP
4	BY7-7571	SILL FLASHING	6063-T5	YKK AP
5	BY7-7423	MULLION	6063-T5	YKK AP
6	Y7-7424	FLUSH FILLER	6063-T5	YKK AP
7	-	-	-	-
8	Y7-7426	SSG MULLION	6063-T5	YKK AP
9	BY7-7572	IG HEAD	6063-T5	YKK AP
10	Y7-7573	IG GLASS STOP	6063-T5	YKK AP
11	BY7-7574	IG HORIZONTAL	6063-T5	YKK AP
12	E1-2923	SETTING BLOCK CHAIR (4" LONG)	6063-T5	YKK AP
13	E1-9883	END DAM	ALUMINUM SHEET	-
14	E1-9884	MULLION CLIP (2" LONG)	6063-T5	YKK AP
15	E2-0047	WATER DEFLECTOR	PVC/SUNPRENE	-
16	E2-0052	PUSH-IN GASKET	EPDM	-
17	E2-0070	SILICONE SPLICE SLEEVE	SILICONE SHEET	-
18	E2-0104	SETTING BLOCK	EPDM	-
19	E2-0154	ANTI-WALK BLOCK	EPDM	-
20	E2-0544	STRUCTURAL GLAZING SPACER	EPDM	-
21	E2-0545	ANTI-WALK BLOCK	EPDM	-
22	E2-0611	SETTING/SIDE BLOCK	EPDM	-
23	PM-1006-SS	#10-24 x 3/8" PHMS SS	STAINLESS STEEL	-
24	PC-1220	#12 x 1-1/4" PHSMS TYPE AB	STEEL	-
25	UA-1212	#12 x 3/4" UFHSMS TYPE A	STEEL	-
26	E3-0028	OPTIONAL FLAT FILLER	PVC	-
27	BY7-8473	TUBULAR MULLION	6063-T5	YKK AP
28	Y7-7428	SSG TUBULAR MULLION	6063-T5	YKK AP
29	AS-2433	D DOOR HEAD	6063-T5	YKK AP
30	E9-2425	TRANSOM GLASS STOP	6063-T5	YKK AP
31	E9-2540	TRANSOM GLASS STOP	6063-T5	YKK AP
32	E9-2434	D/T DOOR HEAD (OHCC)	6063-T5	YKK AP
33	E9-2536	TRANSOM GLASS STOP (T DOOR)	6063-T5	YKK AP
34	BE9-2436	T DOOR HEAD	6063-T5	YKK AP
35	-	-	-	-
36	-	-	-	-
37	E1-9798	JAMB FILLER (D DOOR)(2.5" LONG)	6063-T5	YKK AP
37A	E1-9799	JAMB FILLER (T DOOR)(2.5" LONG)	6063-T5	YKK AP
38	E9-2439	D DOOR JAMB	6063-T5	YKK AP
39	E9-1113	DOOR STOP BASE	6063-T5	YKK AP
40	AS-0409	DOOR STOP	6063-T5	YKK AP
41	AS-0215	OHCC DOOR STOP	6063-T5	YKK AP
42	E9-2668	TRANSOM GLASS STOP	6063-T5	YKK AP
43	E9-2667	TRANSOM ADAPTOR (D DOOR)	6063-T5	YKK AP
43A	BE9-2667	TRANSOM ADAPTOR (T DOOR)	6063-T5	YKK AP
44	E9-2441	POCKET FILLER	6063-T5	YKK AP
45	BE9-2443	T DOOR JAMB	6063-T5	YKK AP

46	-	-	-	-
47	E9-2741	90 DEGREE CORNER COVER (SMALL)	6063-T5	YKK AP
48	E9-2456	90 DEGREE CORNER COVER (LARGE)	6063-T5	YKK AP
49	BE9-2455	CORNER MULLION	6063-T5	YKK AP
50	E9-2743	135 DEGREE CORNER COVER (SMALL)	6063-T5	YKK AP
51	E9-2457	135 DEGREE CORNER COVER (LARGE)	6063-T5	YKK AP
52	BE9-2460	90 DEGREE OUTSIDE CORNER MULLION	6063-T5	YKK AP
53	E9-2644	90 DEGREE OUTSIDE CORNER ADAPTOR	6063-T5	YKK AP
54	E9-2461	90 DEGREE OUTSIDE CORNER SSG MULLION	6063-T5	YKK AP
55	BE9-2646	90 DEGREE OUTSIDE CORNER SSG ADAPTOR	6063-T5	YKK AP
56	E9-3439	SSG CORNER TRIM COVER	6063-T5	YKK AP
57	PC-1228	#12 X 1-3/4" PHSMS TYPE AB	ZINC PL STEEL	-
58	E2-0110	GLAZING SPACER TAPE (1/4" X 1/4")	POLYURETHANE FOAM	-
59	E2-0051	AIRTIGHT GASKET	SANTOPRENE	-
60	BY7-7510	OG/SSG HEAD/SILL	6063-T5	YKK AP
61	E2-0020	SETTING BLOCK	EPDM	-
62	BE9-2452	EXPANSION MULLION (FEMALE)	6063-T5	YKK AP
63	BE9-2451	EXPANSION MULLION (MALE)	6063-T5	YKK AP
64	E9-2453	SSG EXPANSION MULLION (MALE)	6063-T5	YKK AP
65	E9-2454	SSG EXPANSION MULLION (FEMALE)	6063-T5	YKK AP
66	E2-0065	WEATHERING GASKET	EPDM	-



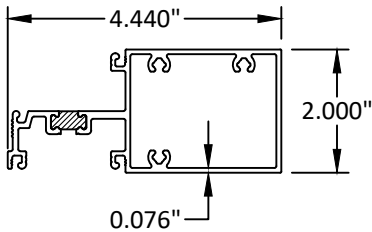
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OG HEAD/JAMB/IG SILL



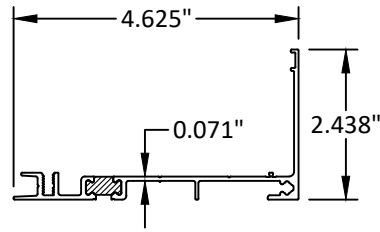
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OG GLASS STOP



3

OG/SSG HORIZONTAL



4

SILL FLASHING

YKK
ap

Quality
inspires™

YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

BILL OF MATERIALS
& COMPONENTS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

BD
BUILDING DROPS

REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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

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

FL #:
FL12926

DATE: **08.10.17**

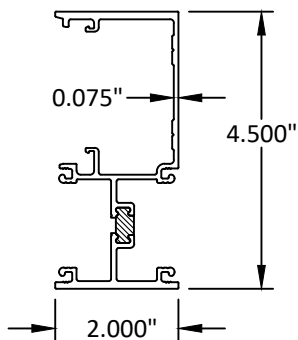
DWG. BY: **SH**CHK. BY: **HFN**

SCALE: **NTS**

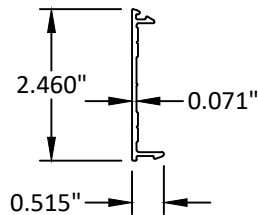
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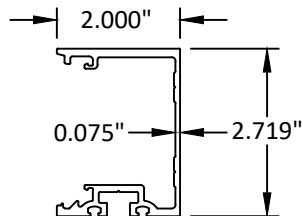
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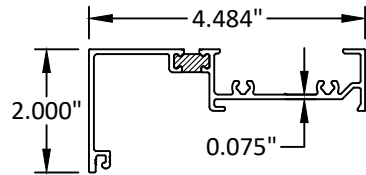
5 MULLION



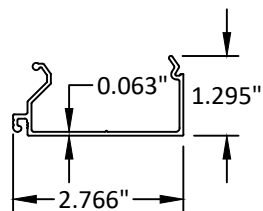
6 FLUSH FILLER



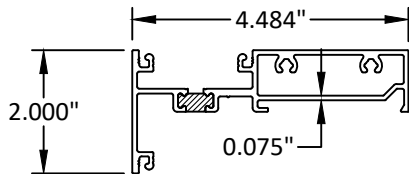
8 SSG MULLION



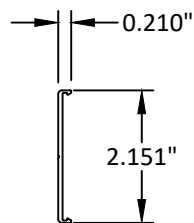
9 IG HEAD



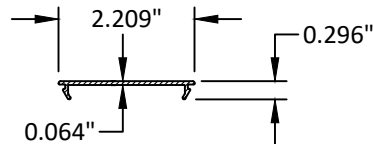
10 IG GLASS STOP



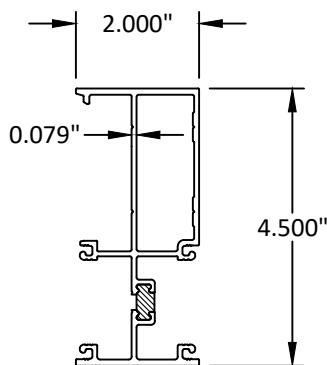
11 IG HORIZONTAL



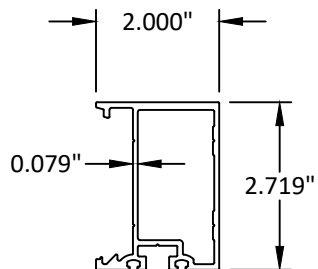
14 MULLION CLIP



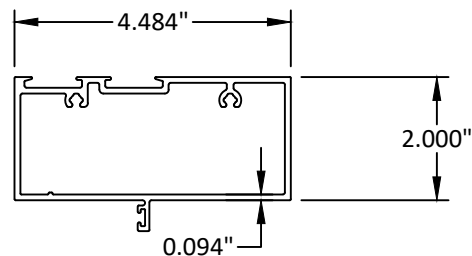
26 OPTIONAL FLAT FILLER



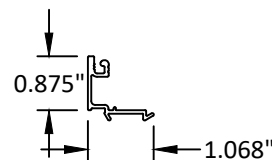
27 TUBULAR MULLION



28 SSG TUBULAR MULLION



29 D DOOR HEAD



30 TRANSOM GLASS STOP



YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

COMPONENTS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
MULLION REVISION	MS	02.03.21
CORNER TRIM UPD.	MS	01.21.22
2023 FBC CODE UPD.	MS	04.21.23
PROFILE UPDATE	SH	02.04.26

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FL #: FL12926

DATE: 08.10.17

DWG. BY: SH
CHK. BY: HFN

SCALE: NTS

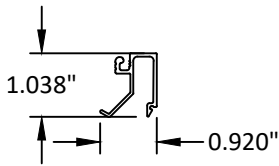
DWG. #: YKK219

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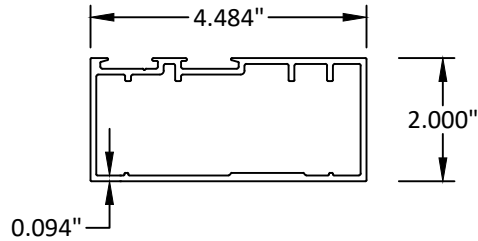
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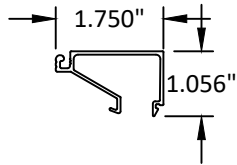
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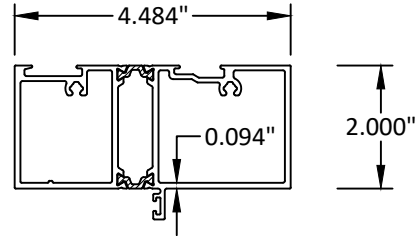
31 TRANSOM GLASS STOP



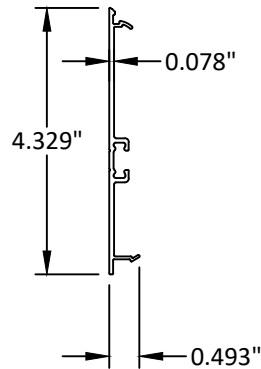
32 D/T DOOR HEAD (OHCC)



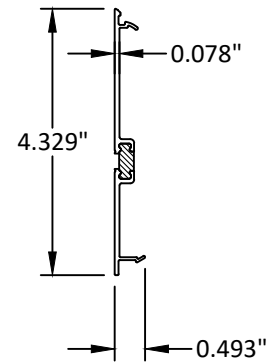
33 TRANSOM GLASS STOP



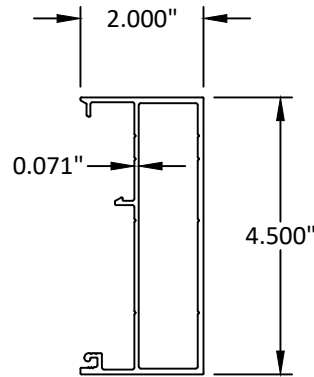
34 T DOOR HEAD



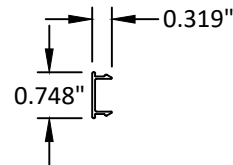
37 JAMB FILLER (D FRAME)



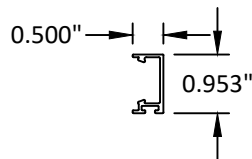
37A JAMB FILLER (T FRAME)



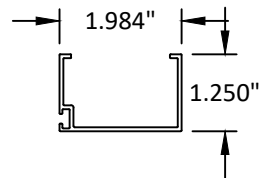
38 D DOOR JAMB



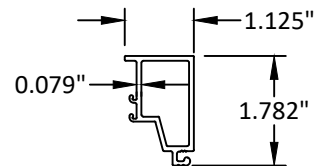
39 DOOR STOP BASE



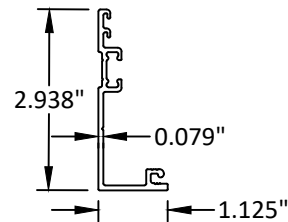
40 DOOR STOP



41 OHCC DOOR STOP



42 TRANSOM GLASS STOP



43 TRANSOM ADAPTOR (D DOOR)



YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

COMPONENTS

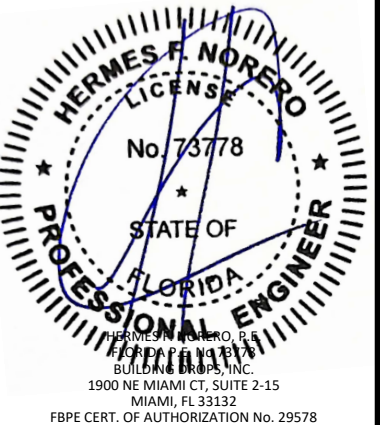
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
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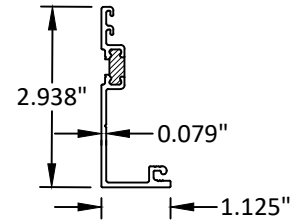


FL #:	FL12926
DATE:	08.10.17
DWG. BY:	CHK. BY:
SH	HFN
SCALE:	NTS
DWG. #:	YKK219
SHEET:	

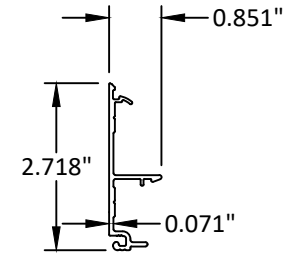
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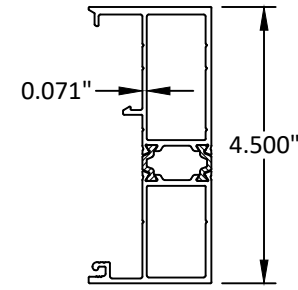
c:\users\lucianosanchez\building drops, inc\building drops\landing - documents\common\projects\ykk ap america, inc\fbc-25-1221.2 - commercial products - hvdwg\12926 yes 45 tu ykk219.dwg



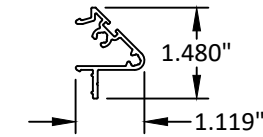
43A TRANSOM ADAPTOR (T DOOR)



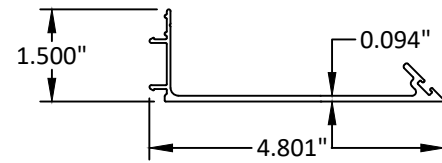
44 POCKET FILLER



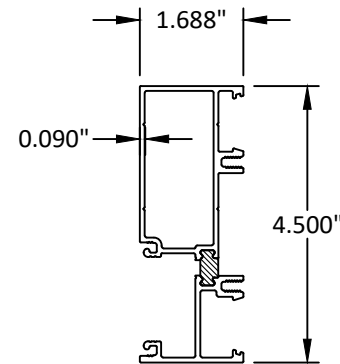
45 T DOOR JAMB



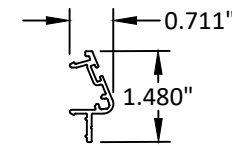
47 90 DEGREE CORNER COVER (SMALL)



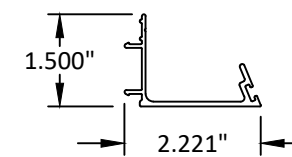
48 90 DEGREE CORNER COVER (LARGE)



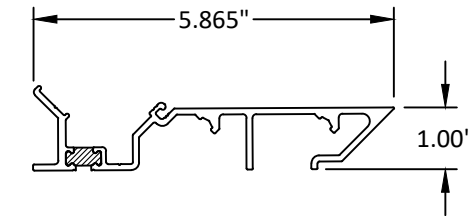
49 CORNER MULLION



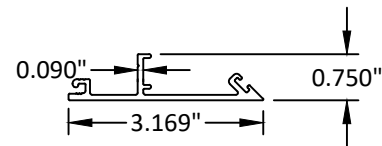
50 135 DEGREE CORNER COVER (SMALL)



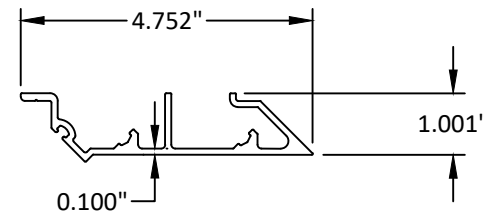
51 135 DEGREE CORNER COVER (LARGE)



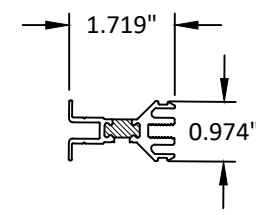
52 90 DEGREE OUTSIDE CORNER MULLION



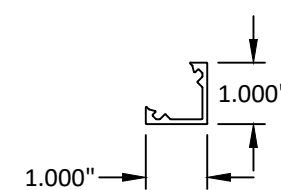
53 90 DEGREE OUTSIDE CORNER ADAPTOR



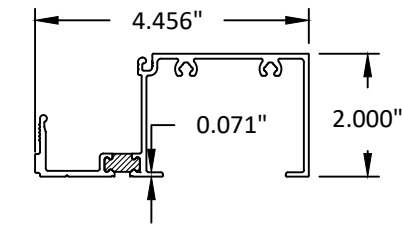
54 90 DEGREE OUTSIDE CORNER SSG MULLION



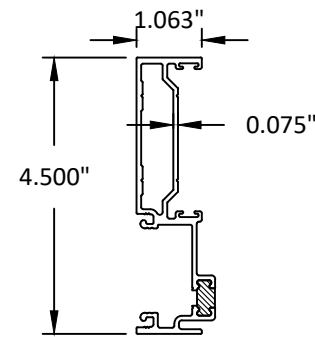
55 90 DEGREE OUTSIDE CORNER SSG ADAPTOR



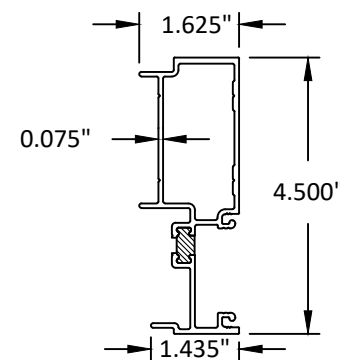
56 SSG CORNER TRIM COVER



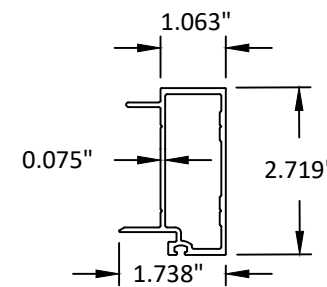
60 OG/SSG HEAD/SILL



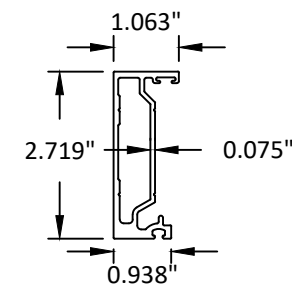
62 EXPANSION MULLION (FEMALE)



63 EXPANSION MULLION (MALE)



64 SSG EXPANSION MULLION (MALE)



65 SSG EXPANSION MULLION (FEMALE)



YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YES 45 TU FRONT SET
STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

COMPONENTS

PREPARED BY: BUILDING DROPS, INC.

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DWG. BY: SH
CHK. BY: HFN

SCALE: NTS

DWG. #: YKK219

SHEET:

24

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