

YKK AP America Inc.

YES 40 FS ALUMINUM STOREFRONT SYSTEM (NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

- SEE SHEET 7 FOR ANCHOR TYPE REQUIREMENTS, MINIMUM EMBEDMENT, AND MINIMUM EDGE DISTANCES. ALL ANCHOR REQUIREMENTS MUST BE ADHERED TO. ANY DEVIATIONS FROM ANCHOR REQUIREMENTS REQUIRES SEPARATE EVALUATION AND APPROVAL.
- 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 ±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:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - 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.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 12 GA. WALL THICKNESS.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 18 GA. WALL THICKNESS WITH 2X WOOD BACKING.
 - ALUMINUM - MINIMUM 1/8 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
 - 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. SEE SHEET 3 FOR GLAZING DETAIL. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300.
- 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.

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INSTRUCTIONS FOR USE:

- DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG, HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- SEE CHART ON SHEET 3 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE. GLASS SELECTION SHALL BE IN ACCORDANCE WITH ASTM E1300.
- CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHART ON SHEETS 4, 5, AND 6, THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- USING CHART ON SHEET 7 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- THE LOWEST VALUE RESULTING FROM STEP 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.



YKK AP AMERICA

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

TITLE: YES 40 FS
ALUMINUM STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004

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FAX: (954)744-4738

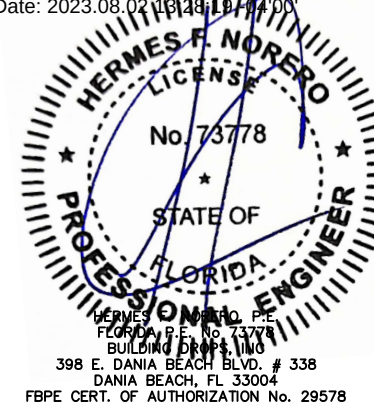
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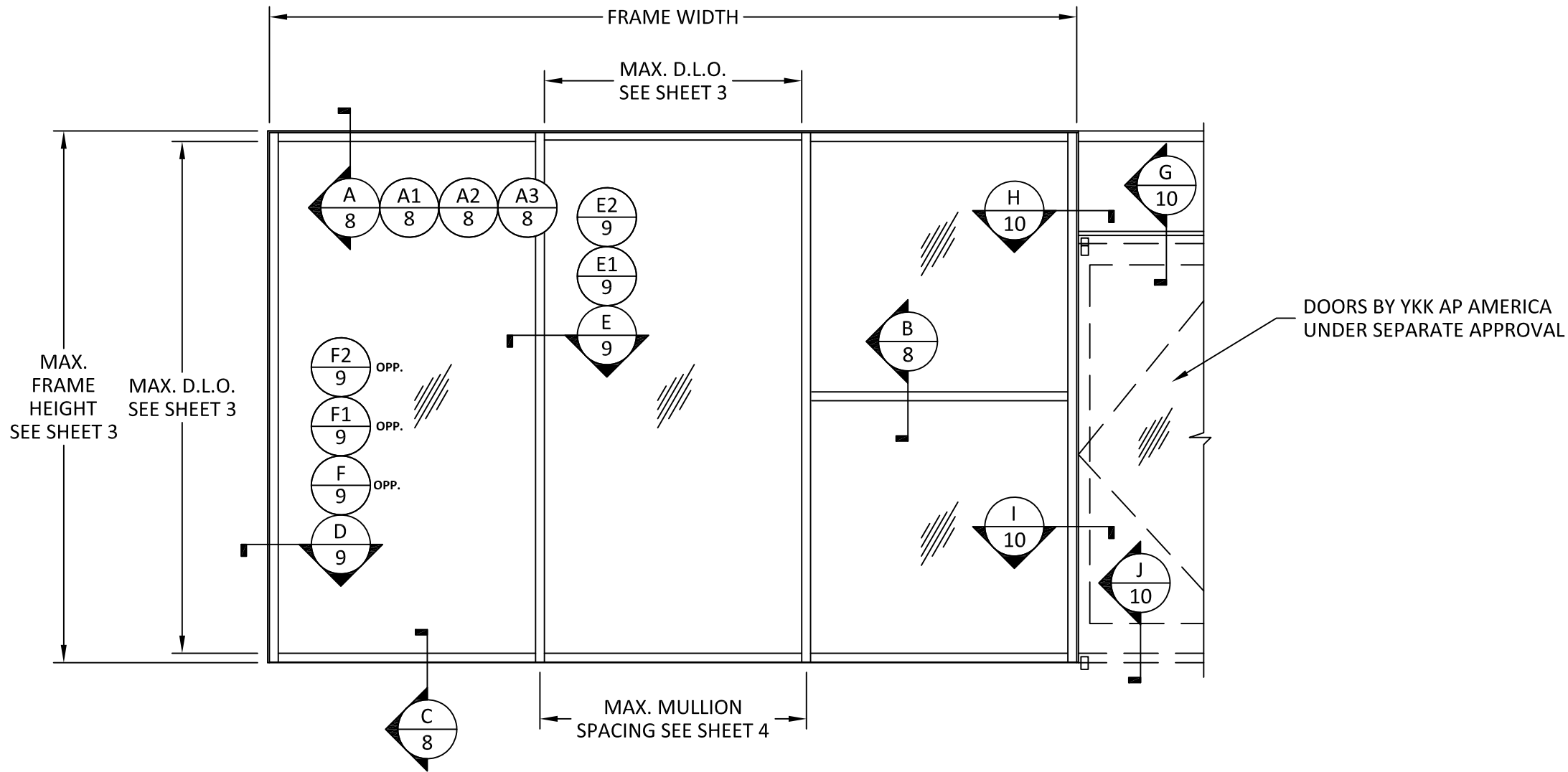
REMARKS	BY	DATE
A-2023 FBC CODE UPDATE	MS	04.21.23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.02 10:18:10 -04'



FL #:	
FL12926	
DATE: 12.11.19	
DWG. BY: RV	CHK. BY: HFN
SCALE: NTS	
DWG. #: YKK269	
SHEET:	
1	
OF 11	



ELEVATION
TYPICAL YES 40 FS STOREFRONT



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ELEVATION

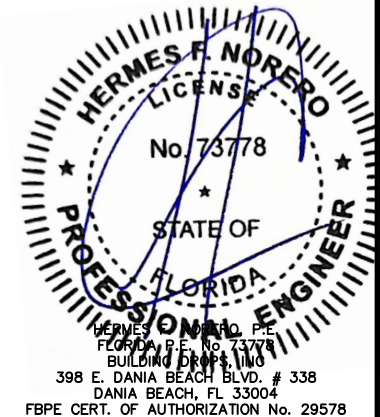
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SHEET:

2

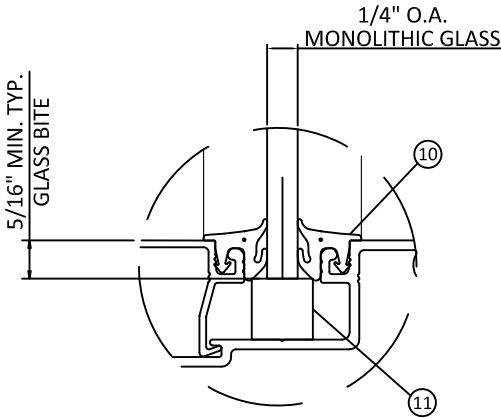
OF 11

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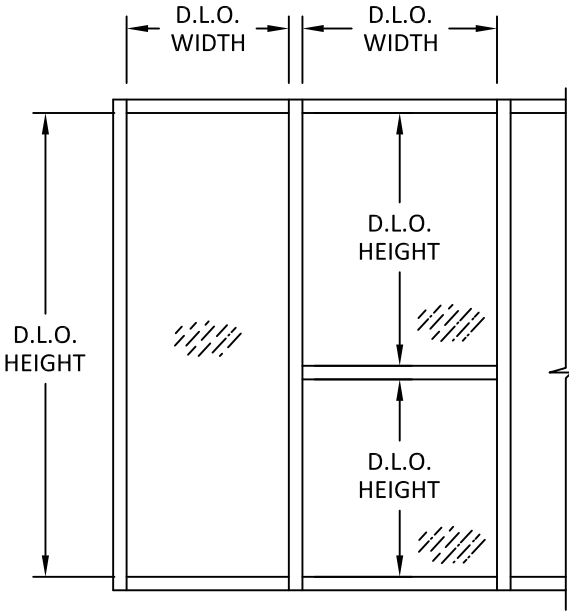
GLASS LOAD TABLE

DESIGN PRESSURE TABLE - PSF			DESIGN PRESSURE TABLE - PSF		
NOMINAL PANEL SIZE (IN)		NON-IMPACT GLASS	NOMINAL PANEL SIZE (IN)		NON-IMPACT GLASS
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)
24	66	57.0	24	90	53.8
30		48.0	30		44.8
36		40.0	36		38.9
42		34.3	42		34.3
48		30.0	48		30.0
54		26.7	54		26.7
60		24.0	24	96	53.3
66		21.8	30		44.2
72	72	21.8	36		38.3
24		56.0	42		34.1
30		47.2	48		30.0
36		40.0	54		26.7
42		34.3	24	102	52.9
48		30.0	30		43.8
54		26.7	36		37.8
60		24.0	42		33.6
66	78	21.8	48	108	30.0
72		20.0	24		52.5
24		55.2	30		43.4
30		46.2	36		37.3
36		40.0	42		33.1
42		34.3	48	114	30.0
48		30.0	24		52.2
54		26.7	30		43.0
60	84	24.0	36		36.9
66		21.8	42	120	32.7
24		54.4	24		51.9
30		45.4	30		42.7
36		39.6	36		36.6
42		34.3	42		32.3
48		30.0			
54		26.7			
60		24.0			



GLAZING DETAIL

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



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(NON-HVHZ) (NON-IMPACT)
GLASS LOAD TABLE &
GLAZING DETAIL

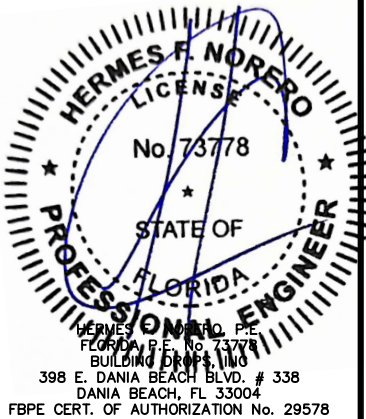
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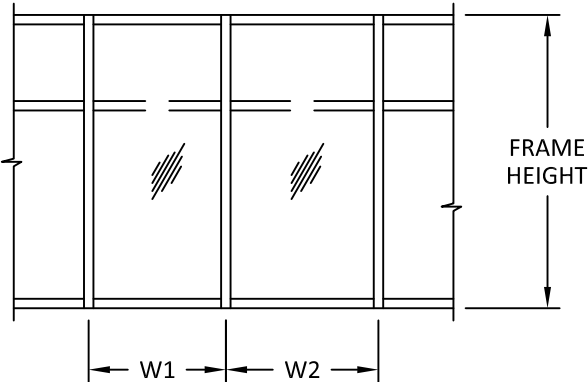
DWG. #: YKK269

SHEET:

3

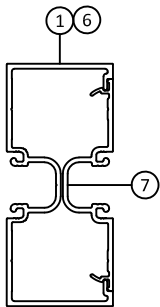
MULLION LOAD TABLE

DESIGN LOAD CAPACITY - PSF				DESIGN LOAD CAPACITY - PSF			
NOMINAL PANEL SIZE (IN)		YES 40 FS VERTICAL MULLION		NOMINAL PANEL SIZE (IN)		YES 40 FS VERTICAL MULLION	
		M1	M2			M1	M2
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24	66	86.8	100.0	24	90	63.7	90.2
30		69.4	98.4	30		50.9	72.2
36		57.9	82.0	36		42.4	60.1
42		49.6	70.3	42		36.4	51.5
48		43.4	61.5	48		31.8	45.1
54		38.6	54.7	54		28.3	40.1
60		34.7	49.2	24	96	59.7	84.6
66		31.6	44.7	30		47.7	67.7
72	72	28.9	41.0	36		39.8	56.4
24		79.6	100.0	42		34.1	48.3
30		63.7	90.2	48		29.8	42.3
36		53.0	75.2	54		26.5	37.6
42		45.5	64.4	24	102	56.2	79.6
48		39.8	56.4	30		44.9	63.7
54		35.4	50.1	36		37.4	53.1
60		31.8	45.1	42		32.1	45.5
66		28.9	41.0	48		28.1	39.8
72		26.5	37.6	24	108	53.0	75.2
24	78	73.4	100.0	30		42.4	60.1
30		58.8	83.3	36		35.4	50.1
36		49.0	69.4	42		30.3	43.0
42		42.0	59.5	48		26.5	37.6
48		36.7	52.0	24	114	50.3	71.2
54		32.6	46.3	30		40.2	57.0
60		29.4	41.6	36		33.5	47.5
66		26.7	37.9	42		28.7	40.7
24	84	68.2	96.7	24	120	47.7	67.7
30		54.6	77.3	30		38.2	54.1
36		45.5	64.4	36		31.8	45.1
42		39.0	55.2	42		27.3	38.7
48		34.1	48.3				
54		30.3	43.0				
60		27.3	38.7				

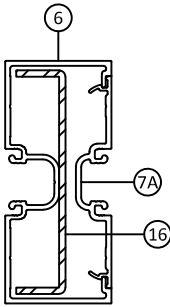


WIDTH (W) = (W1 + W2) / 2

MULLION LOAD CHARTS FOR MULLS
WITH OR WITHOUT INTERMEDIATE HORIZONTALS



STANDARD MULLION
M1



REINFORCED MULLION
M2



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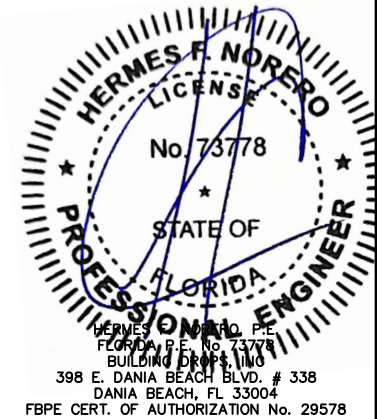
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MULLION LOAD TABLE

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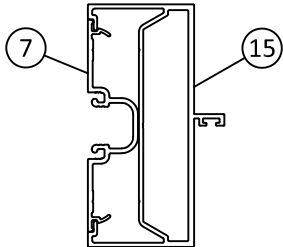
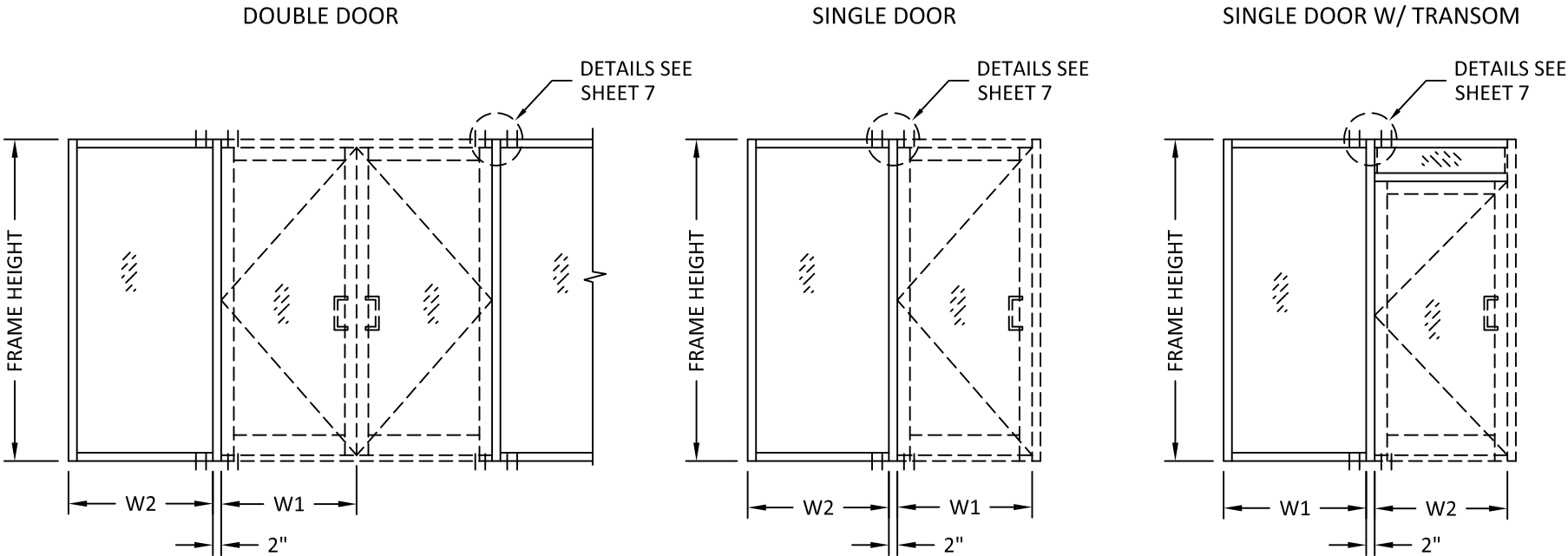
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SCALE:	NTS
DWG. #:	YKK269
SHEET:	4
	OF 11

DOOR MULLION LOAD TABLE

DOOR MULLION LOAD CAPACITY		
NOMINAL DIMS. (IN)		TYPE M3
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)
30	96	48.8
36		40.7
42		34.9
48		30.5
54		27.1
60		24.4
66	102	22.2
30		43.2
36		36.0
42		30.9
48		27.0
54		24.0
60		21.6
30	108	38.6
36		32.1
42		27.6
48		24.1
54		21.4
60		19.3
30	114	33.7
36		28.1
42		24.1
48		21.1
54	120	18.7
30		28.9
36		24.1
42		20.7
48		18.1
54		16.1



DOOR MULLION
M3

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

ELEVATIONS ABOVE SHOW NUMBER OF ANCHORS
REQD. AT HEAD/SILL OF DOOR MULLION FOR
VARIOUS CONFIGURATIONS. SEE SHEET 7 FOR DETAIL.



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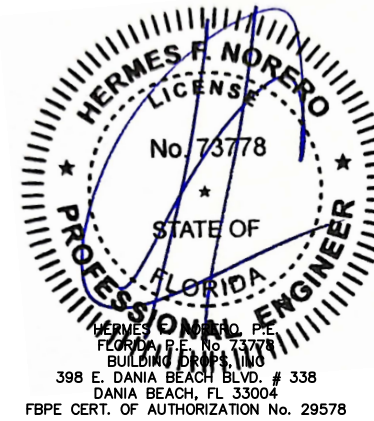
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DOOR MULLION LOAD TABLE

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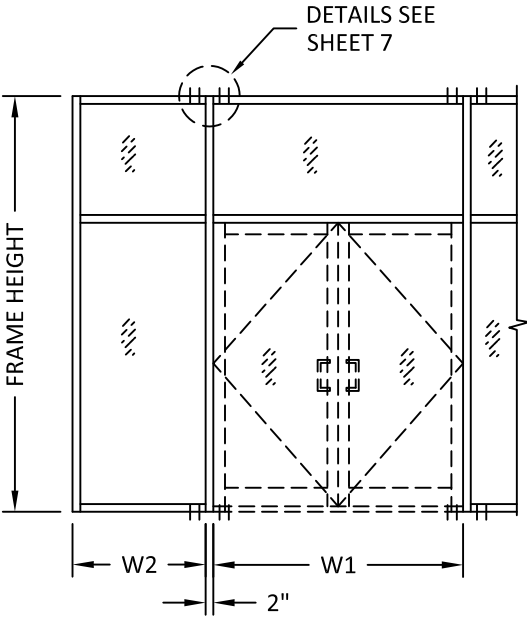
DWG. #: **YKK269**

SHEET:
5

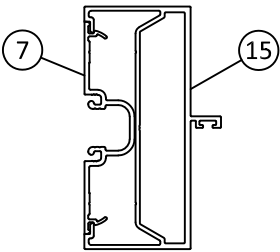
DOUBLE DOOR WITH TRANSOM
MULLION LOAD TABLE

DOOR MULLION LOAD CAPACITY - DOUBLE DOOR WITH TRANSOM			
NOMINAL DIMS. (IN)			TYPE M3
WIDTH (W1)	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	EXT. (+) INT. (-)
60	30	102	28.8
	36		27.0
	42		25.4
	48		24.0
	54		22.8
	60		21.6
66	30		27.0
	36		25.4
	42		24.0
	48		22.8
	54		21.6
	60		20.6
72	30		25.4
	36		24.0
	42		22.8
	48		21.6
	54		20.6
	60		19.7
84	30		22.8
	36		21.6
	42		20.6
	48		19.7
60	30	108	25.7
	36		24.1
	42		22.7
	48		21.4
	54		20.3
	60		19.3
66	30		24.1
	36		22.7
	42		21.4
	48		20.3
	54		19.3
	60		18.4
72	30		22.7
	36		21.4
	42		20.3
	48		19.3
84	30		20.3
	36		19.3
	42		18.4

DOOR MULLION LOAD CAPACITY - DOUBLE DOOR WITH TRANSOM			
NOMINAL DIMS. (IN)			TYPE M3
WIDTH (W1)	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	EXT. (+) INT. (-)
60	30	114	22.5
	36		21.1
	42		19.9
	48		18.7
	54		17.8
	60		16.9
66	30		21.1
	36		19.9
	42		18.7
	48		17.8
72	30		19.9
	36		18.7
	42		17.8
	48		16.9
84	30		17.8
	36		16.9
60	30	120	19.3
	36		18.1
	42		17.0
	48		16.1
66	30		18.1
	36		17.0
	42		16.1
	48		15.2
72	30		17.0
	36		16.1
84	30		15.2



DOUBLE DOOR W/ TRANSOM



DOOR MULLION
M3

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

ELEVATION ABOVE SHOWS NUMBER OF ANCHORS REQD. AT HEAD/SILL OF DOOR MULLION FOR VARIOUS CONFIGURATIONS. SEE SHEET 7 FOR DETAIL.



YKK AP AMERICA

1229 HWY 441 BYPASS
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(NON-HVHZ) (NON-IMPACT)
DOOR WITH TRANSOM
MULLION LOAD TABLE

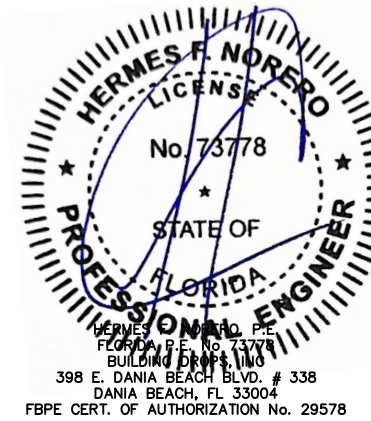
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BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
A-2023 FBC CODE UPDATE	MS	04.21.23

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FL #:		FL12926
DATE:		12.11.19
DWG. BY:	CHK. BY:	
RV	HFN	
SCALE:		NTS
DWG. #:		YKK269
SHEET:		6

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ANCHOR LOAD TABLE

ANCHOR LOAD CAPACITY - QUANTITY OF ANCHORS CLUSTERED ON EACH SIDE OF MULLION						
PSF - EXT. (+) & INT. (-)						
NOMINAL DIMS. (IN)		INSTALLATION TO CONCRETE OR MASONRY (TYPE A ANCHOR)		INSTALLATION TO STEEL OR ALUMINUM (TYPE B ANCHOR)	INSTALLATION TO WOOD (TYPE A ANCHOR)	
WIDTH (W)	FRAME HEIGHT	1 ANCHOR	2 ANCHORS	1 ANCHOR	1 ANCHOR	2 ANCHORS
24	66	75.6	100.0	100.0	92.9	100.0
30		64.0	100.0	100.0	78.7	100.0
36		56.7	100.0	96.0	69.7	100.0
42		51.8	100.0	87.8	63.7	100.0
48		48.6	97.1	82.3	59.7	100.0
54		46.5	93.0	78.8	57.2	100.0
60		45.3	90.7	76.8	55.7	100.0
66		45.0	89.9	76.2	55.3	100.0
72	72	45.0	89.9	76.2	55.3	100.0
24		68.0	100.0	100.0	83.6	100.0
30		57.3	100.0	97.0	70.4	100.0
36		50.4	100.0	85.4	61.9	100.0
42		45.7	91.4	77.5	56.2	100.0
48		42.5	85.0	72.0	52.2	100.0
54		40.3	80.6	68.3	49.5	99.1
60		38.9	77.7	65.9	47.8	95.5
66		38.0	76.1	64.5	46.8	93.5
72	78	37.8	75.6	64.0	46.4	92.9
24		61.8	100.0	100.0	76.0	100.0
30		51.8	100.0	87.8	63.7	100.0
36		45.3	90.7	76.8	55.7	100.0
42		40.9	81.8	69.3	50.3	100.0
48		37.8	75.6	64.0	46.4	92.9
54		35.6	71.1	60.3	43.7	87.4
60		34.0	68.0	57.6	41.8	83.6
66	84	33.0	65.9	55.9	40.5	81.1
24		56.7	100.0	96.0	69.7	100.0
30		47.3	94.6	80.2	58.2	100.0
36		41.2	82.4	69.8	50.7	100.0
42		37.0	74.0	62.7	45.5	91.0
48		34.0	68.0	57.6	41.8	83.6
54		31.8	63.6	53.9	39.1	78.2
60		30.2	60.4	51.2	37.2	74.3

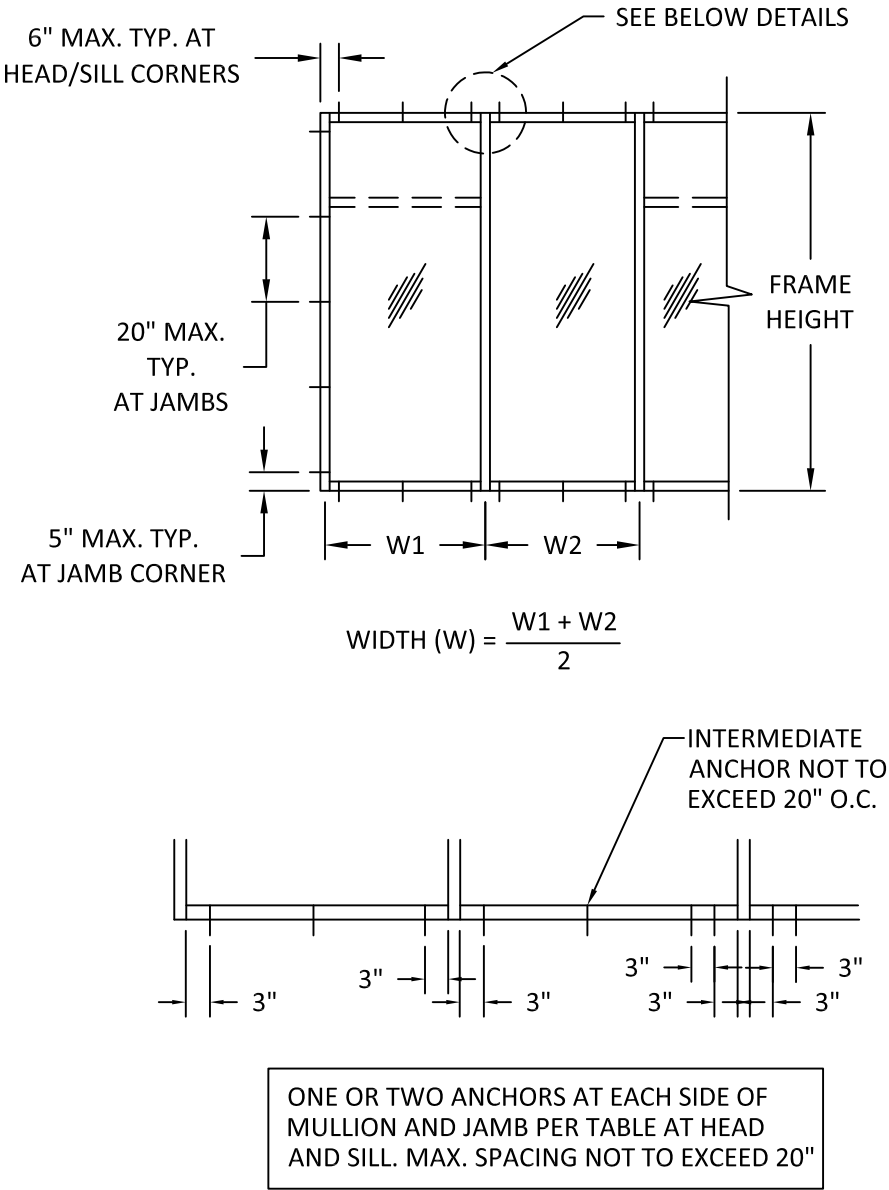
ANCHOR LOAD CAPACITY - QUANTITY OF ANCHORS CLUSTERED ON EACH SIDE OF MULLION						
PSF - EXT. (+) & INT. (-)						
NOMINAL DIMS. (IN)		INSTALLATION TO CONCRETE OR MASONRY (TYPE A ANCHOR)		INSTALLATION TO STEEL OR ALUMINUM (TYPE B ANCHOR)	INSTALLATION TO WOOD (TYPE A ANCHOR)	
WIDTH (W)	FRAME HEIGHT	1 ANCHOR	2 ANCHORS	1 ANCHOR	1 ANCHOR	2 ANCHORS
24	90	52.3	100.0	88.6	64.3	100.0
30		43.5	87.0	73.8	53.5	100.0
36		37.8	75.6	64.0	46.4	92.9
42		33.8	67.6	57.3	41.5	83.1
48		30.9	61.8	52.4	38.0	76.0
54		28.8	57.6	48.8	35.4	70.8
24	96	48.6	97.1	82.3	59.7	100.0
30		40.3	80.6	68.3	49.5	99.1
36		34.9	69.7	59.1	42.9	85.7
42		31.1	62.2	52.7	38.2	76.4
48		28.3	56.7	48.0	34.8	69.7
54		26.3	52.6	44.5	32.3	64.6
24	102	45.3	90.7	76.8	55.7	100.0
30		37.5	75.0	63.6	46.1	92.2
36		32.4	64.8	54.9	39.8	79.6
42		28.8	57.6	48.8	35.4	70.8
48		26.2	52.3	44.3	32.2	64.3
24	108	42.5	85.0	72.0	52.2	100.0
30		35.1	70.2	59.5	43.1	86.3
36		30.2	60.4	51.2	37.2	74.3
42		26.8	53.6	45.4	32.9	65.9
48		24.3	48.6	41.2	29.9	59.7
24	114	40.0	80.0	67.8	49.2	98.3
30		33.0	65.9	55.9	40.5	81.1
36		28.3	56.7	48.0	34.8	69.7
42		25.1	50.1	42.5	30.8	61.6
24	120	37.8	75.6	64.0	46.4	92.9
30		31.1	62.2	52.7	38.2	76.4
36		26.7	53.3	45.2	32.8	65.6
42		23.5	47.1	39.9	29.0	57.9

TYPICAL ANCHORS

TYPE A

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

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



TYPE B

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

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

CONCRETE AT HEAD, SILL OR JAMB f_c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f_m = 2000 PSI MIN.



YKK AP AMERICA

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

TITLE: YES 40 FS
ALUMINUM STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
ANCHOR LOAD TABLE & ANCHOR LAYOUT

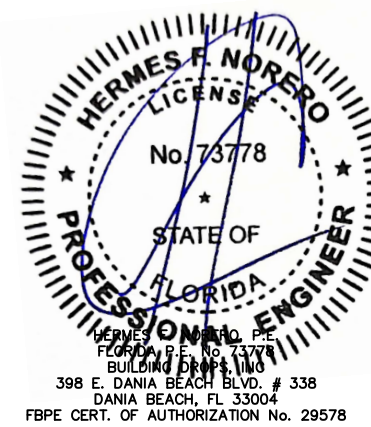
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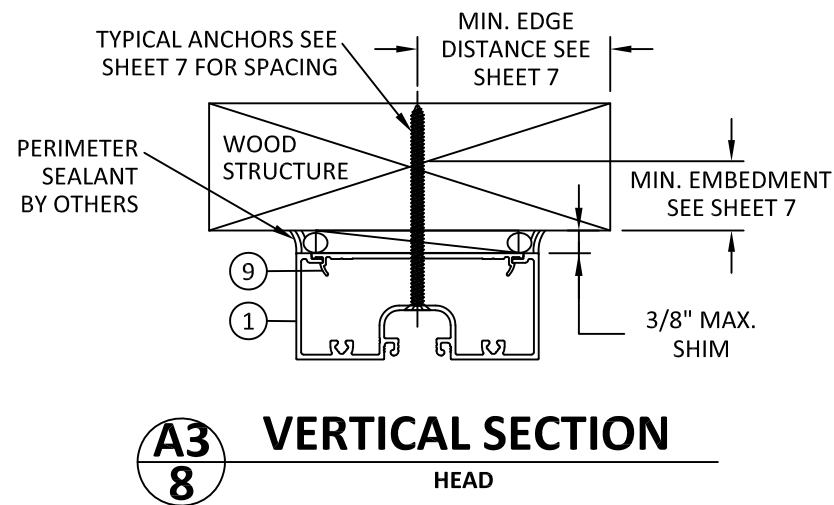
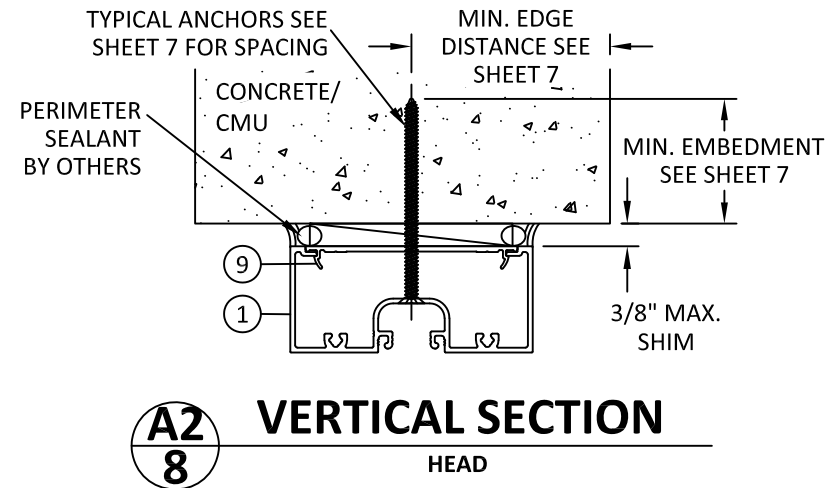
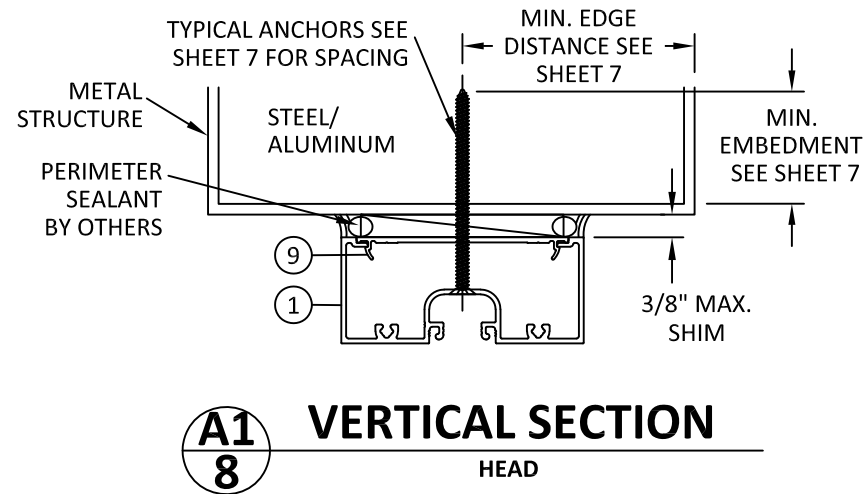
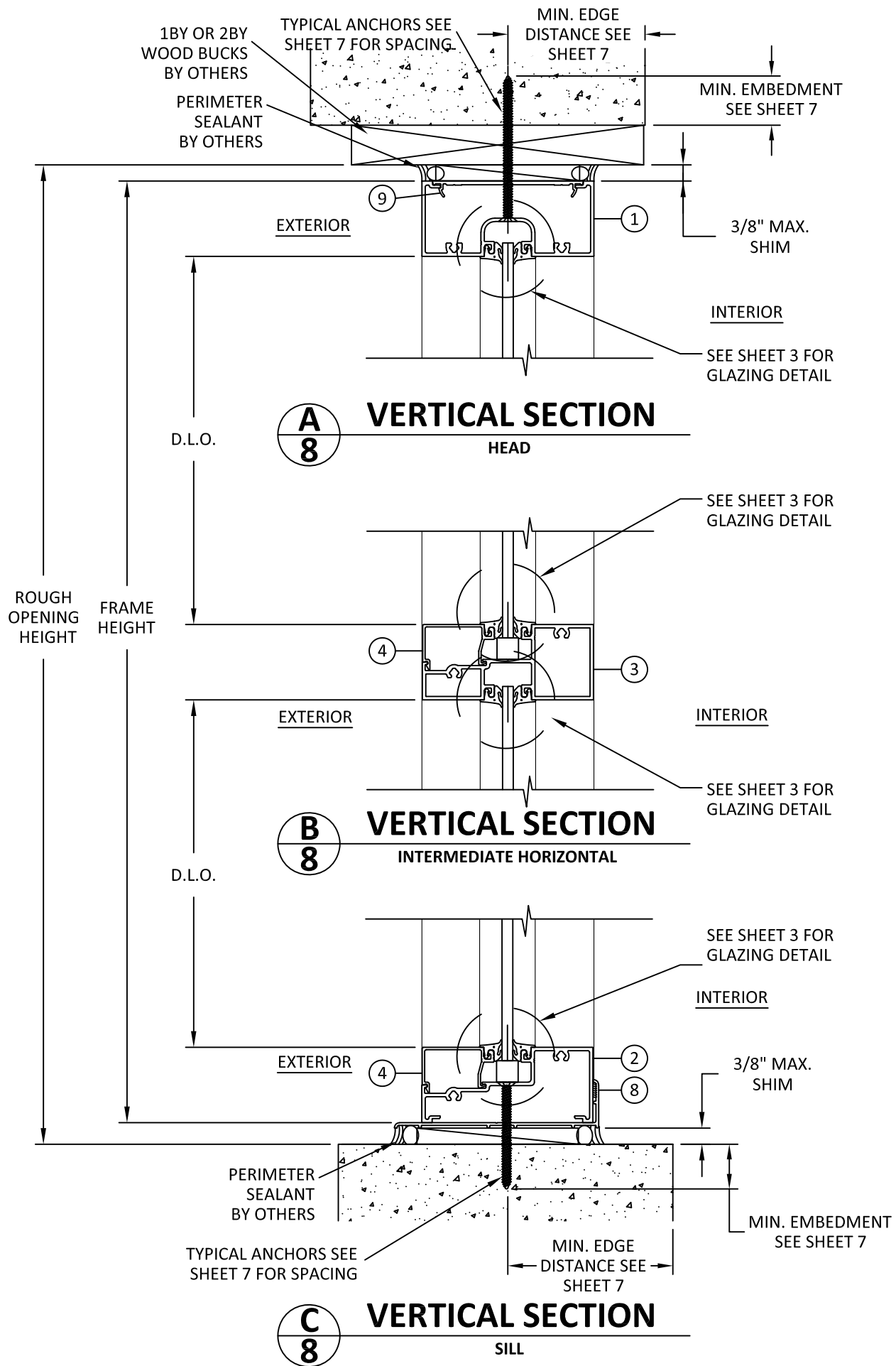
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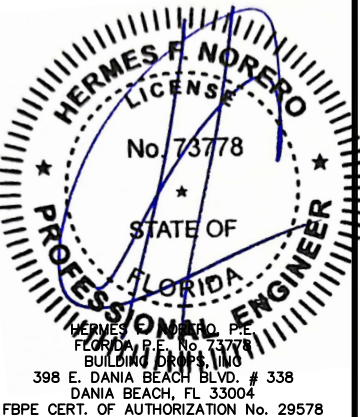
TITLE: YES 40 FS
ALUMINUM STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
VERTICAL SECTIONS

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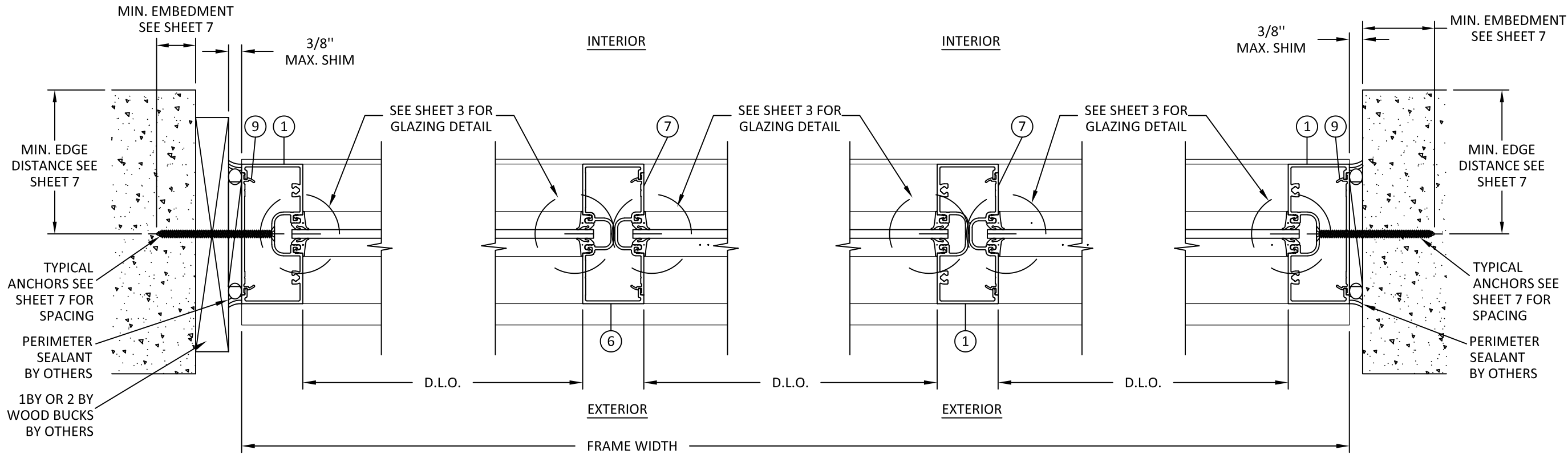
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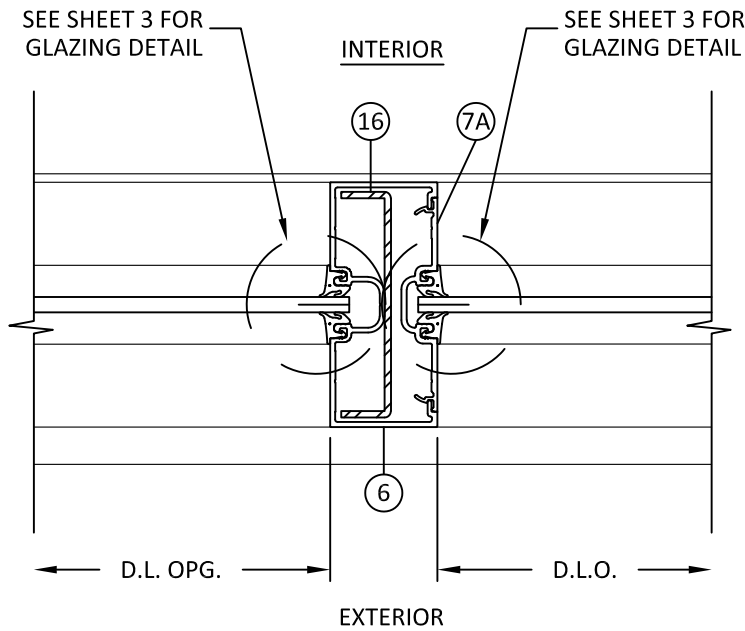


D HORIZONTAL SECTION
9 JAMB

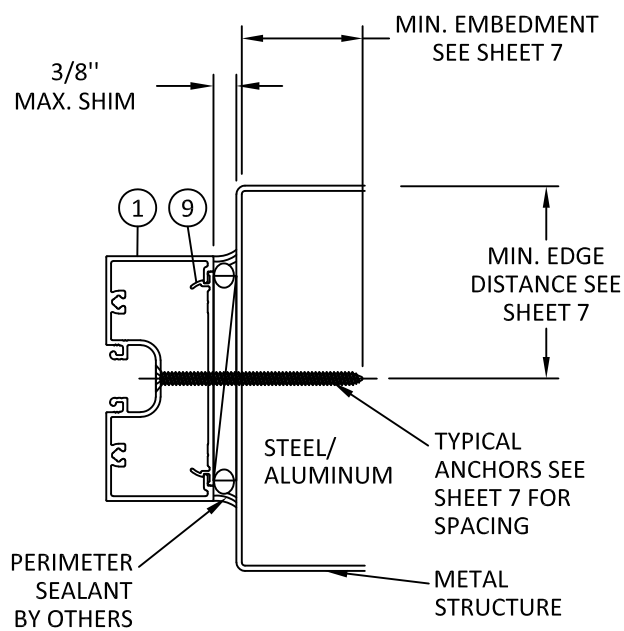
E HORIZONTAL SECTION
9 INTERMEDIATE

E1 HORIZONTAL SECTION
9 INTERMEDIATE

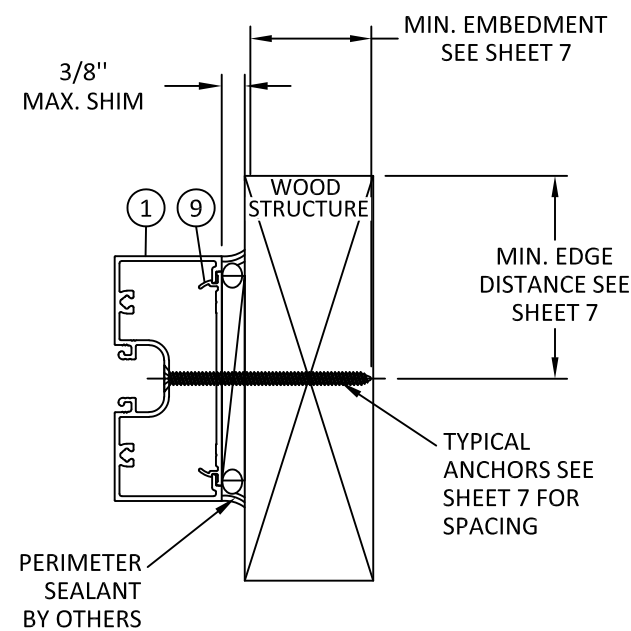
F HORIZONTAL SECTION
9 JAMB



E2 HORIZONTAL SECTION
9 INTERMEDIATE WITH REINFORCEMENT



F1 HORIZONTAL SECTION
9 JAMB



F2 HORIZONTAL SECTION
9 JAMB



YKK AP AMERICA

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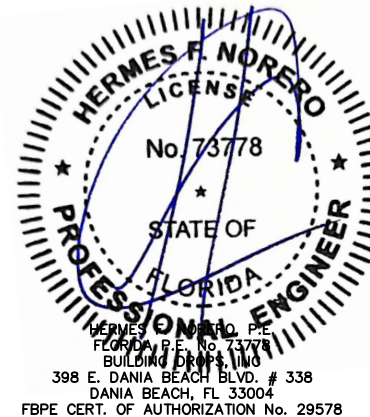
TITLE: YES 40 FS
ALUMINUM STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
HORIZONTAL SECTIONS

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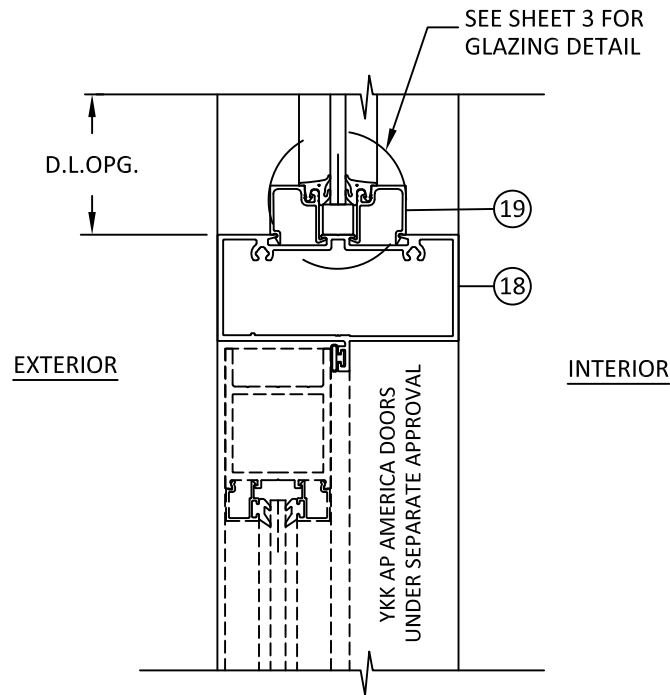


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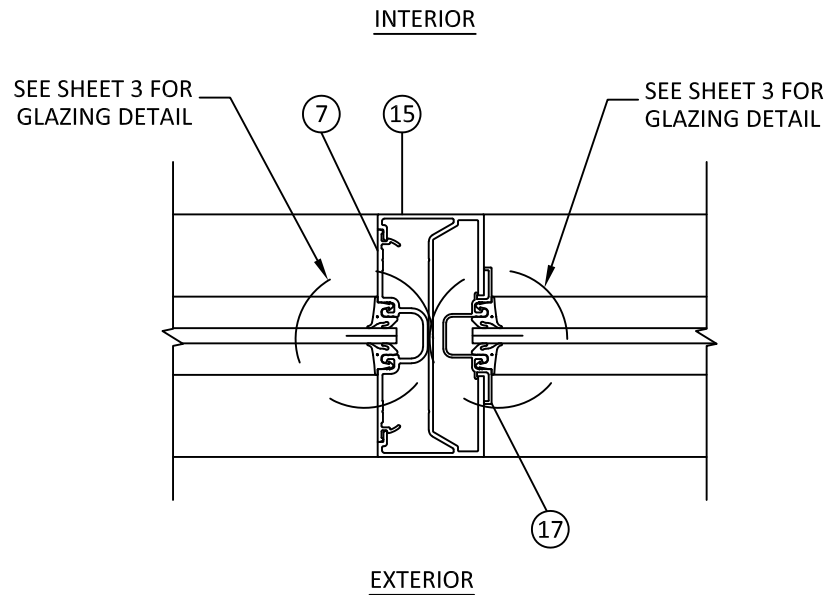
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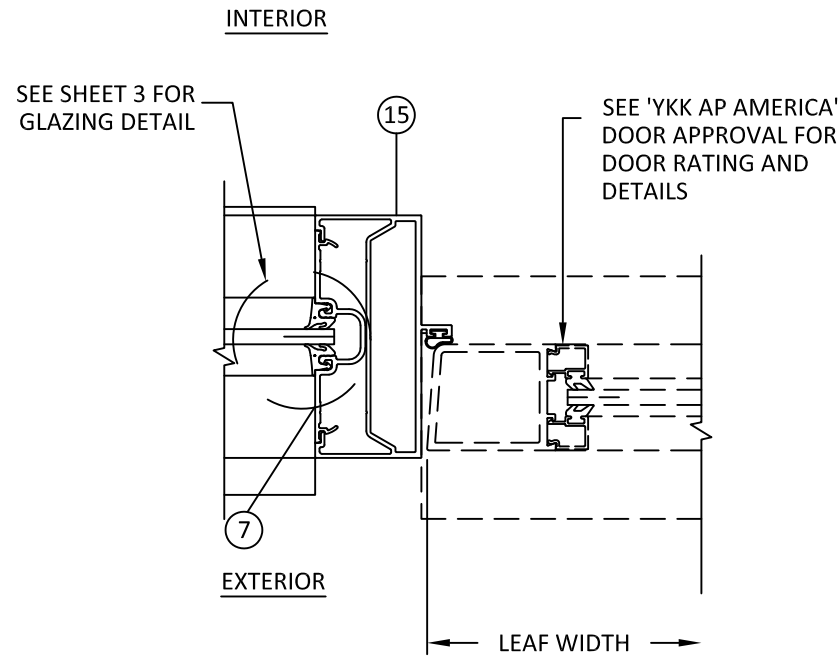
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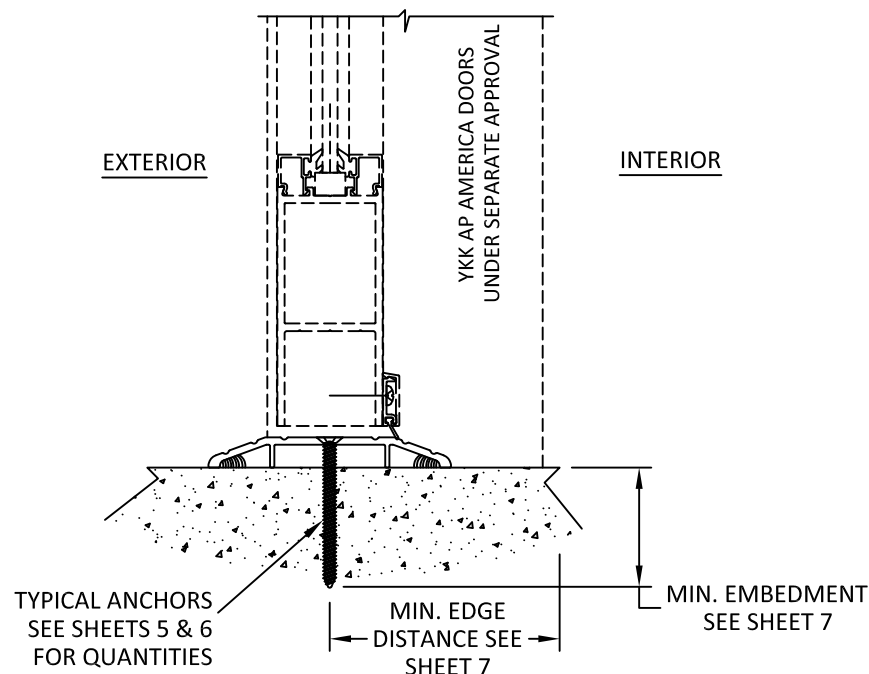
G
10 **VERTICAL SECTION**
DOOR HEAD W/ TRANSOM



H
10 **HORIZONTAL SECTION**
VERTICAL INTERMEDIATE
SIDELITE - TRANSOM



I
10 **HORIZONTAL SECTION**
VERTICAL INTERMEDIATE
SIDELITE - DOOR



J
10 **VERTICAL SECTION**
DOOR SILL

MULLION CONNECTION TO DOOR SILL
SEE SEPARATE YKK AP AMERICA DOOR APPROVAL FOR COMPONENT SIZES, INSTALLATION DETAILS AND DESIGN LOAD RATING. LOWER DESIGN PRESSURE FROM STOREFRONT OR DOOR APPROVAL WILL APPLY TO ENTIRE SYSTEM.



YKK AP AMERICA

1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
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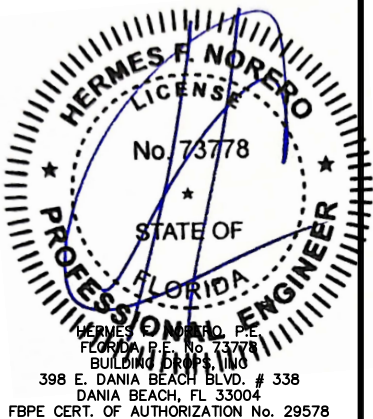
TITLE: YES 40 FS
ALUMINUM STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
DOOR SECTIONS

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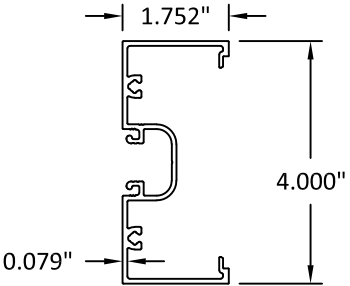
SCALE: **NTS**

DWG. #: **YKK269**

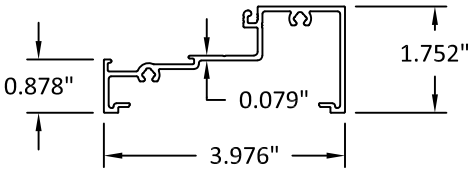
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10

OF 11

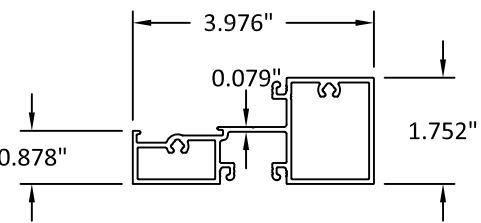
BILL OF MATERIALS				
ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	E9-1303	FRAME HEAD/JAMB	6063-T5	YKK AP AMERICA
2	E9-1304	FRAME SILL	6063-T5	YKK AP AMERICA
3	E9-1306	FRAME HORIZONTAL	6063-T5	YKK AP AMERICA
4	E9-1305	GLASS STOP	6063-T5	YKK AP AMERICA
5	-	-	-	-
6	E9-1301	MULLION	6063-T5	YKK AP AMERICA
7	E9-1009	DEEP POCKET FILLER	6063-T5	YKK AP AMERICA
7A	E9-1002	SHALLOW POCKET FILLER	6063-T5	YKK AP AMERICA
8	E9-1030	SILL FLASHING	6063-T5	YKK AP AMERICA
9	E1-1054	FLAT FILLER, 3-1/2" LONG	6063-T5	YKK AP AMERICA
10	E2-0052	GLAZING GASKET	EPDM	-
11	E2-0019	SETTING BLOCK	EPDM	DUROMETER 85 ±5
12	PC-1216	# 12 x 1" PHSMS	ZINC PLATED STEEL	2/CORNER
13	PC-1220	# 12 x 2-1/2" PHSMS	ZINC PLATED STEEL	2/CORNER
14	E2-0051	AIRTIGHT GASKET	SANTOPRENE	-
15	E9-0451	DOOR JAMB	6063-T5	YKK AP AMERICA
16	E1-0157	REINFORCING CHANNEL (Fy=38 KSI)	STEEL	.813" X 3.688" X .813" X .104"
17	E9-0434	TRANSOM GLAZING POCKET	6063-T5	YKK AP AMERICA
18	E9-0452	DOOR TRANSOM BAR	6063-T5	YKK AP AMERICA
19	E9-0403	TRANSOM GLASS STOP	6063-T5	YKK AP AMERICA



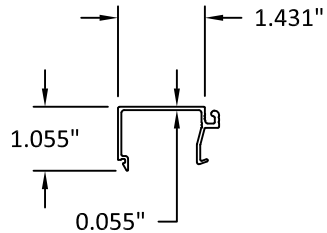
1 FRAME HEAD/JAMB



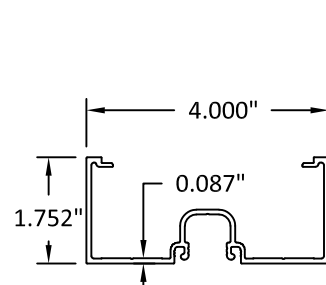
2 FRAME SILL



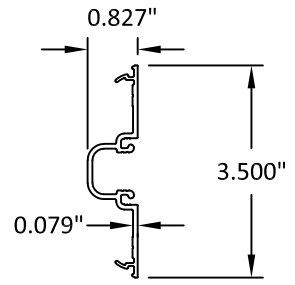
3 FRAME HORIZONTAL



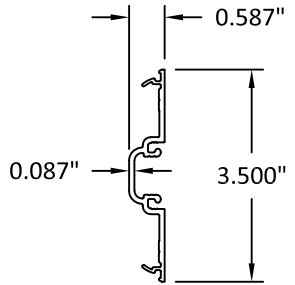
4 GLASS STOP



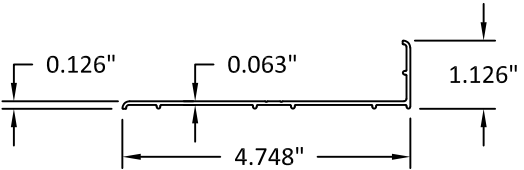
6 MULLION



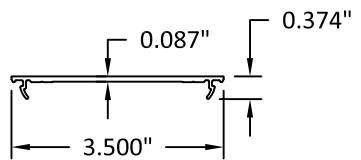
7 DEEP POCKET FILLER



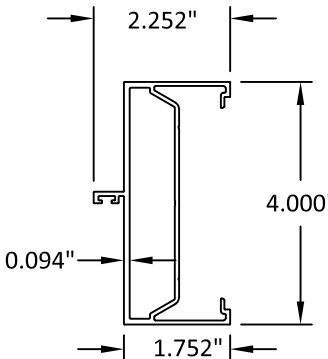
7A SHALLOW POCKET FILLER



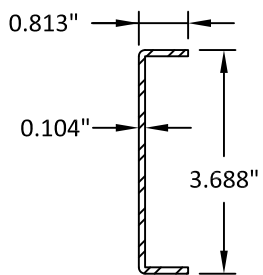
8 SILL FLASHING



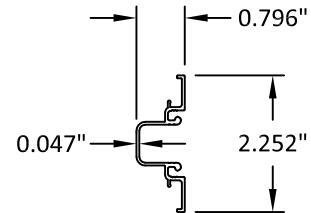
9 FLAT FILLER



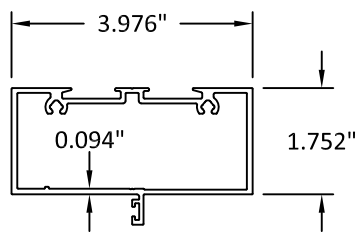
15 DOOR JAMB



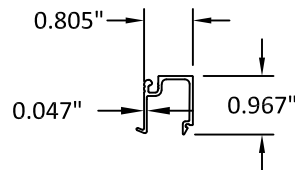
16 MULLION REINFORCING CHANNEL



17 TRANSOM GLAZING POCKET



18 DOOR TRANSOM BAR



19 TRANSOM GLASS STOP



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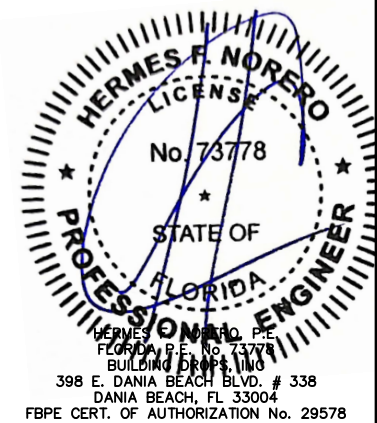
TITLE: YES 40 FS
ALUMINUM STOREFRONT SYSTEM
(NON-HVHZ) (NON-IMPACT)
COMPONENTS & BILL OF MATERIALS

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DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK269
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