



YKK AP AMERICA, Inc.

YHC 300 SSG (Insulating Glass) Curtain Wall Systems

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBERS 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., WITH OUT CONSIDERATION OF TOLERANCE). TOLERANCE ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- REFER TO SECTION 7 THRU 8 FOR ANCHOR TYPE, SUBSTRATE STRENGTH, EMBEDMENT, & EDGE DISTANCE REQUIREMENTS. FOLLOW MANUFACTURER INSTALLATION INSTRUCTIONS FOR INSTALLATION OF ANCHORS.
- 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.
- 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. ADHESIVE ANCHORS MUST BE INSTALLED BY PERSONNEL CERTIFIED FOR THE SPECIFIED ANCHOR INSTALLATION.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- | | |
|--------|--|
| STEP 1 | DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD. |
| STEP 2 | SEE CHARTS ON SECTION 6 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE. |
| STEP 3 | CHECK MULLION CAPACITY FOR A GIVEN SPACING, HEIGHT, SINGLE SPAN, TWIN SPAN, MULTIPLE SPANS, AND CORNERS ON SECTION 4. |
| STEP 4 | USING HEAD/SILL ANCHOR DETAILS SELECT ANCHOR OPTION FROM TABLES ON SECTION 7 WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE. |
| STEP 5 | CHECK INTERMEDIATE ANCHOR CAPACITY FOR MULTIPLE SPANS USING CHARTS OR DETAILS ON SECTION 8 |
| STEP 6 | THE LOWEST VALUE RESULTING FROM STEPS 2, 3, 4, AND 5 SHALL APPLY TO ENTIRE SYSTEM. |

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE, INCLUDING REQUIREMENTS FOR HVHZ.
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY , 2X AND STEEL 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.
- 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND THE 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 CONDITION CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN , A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- THIS PRODUCT DOES **NOT** REQUIRE IMPACT PROTECTIVE DEVICES.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE.

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8	DEAD/WIND LOAD ANCHOR DETAILS
9	COMPONENTS & BILL OF MATERIALS



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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

GENERAL NOTES &
INSTALLATION NOTES

PREPARED BY: BUILDING DROPS, INC.

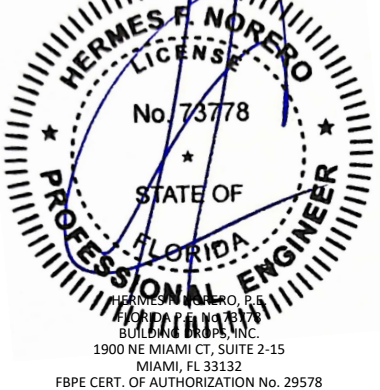
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REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

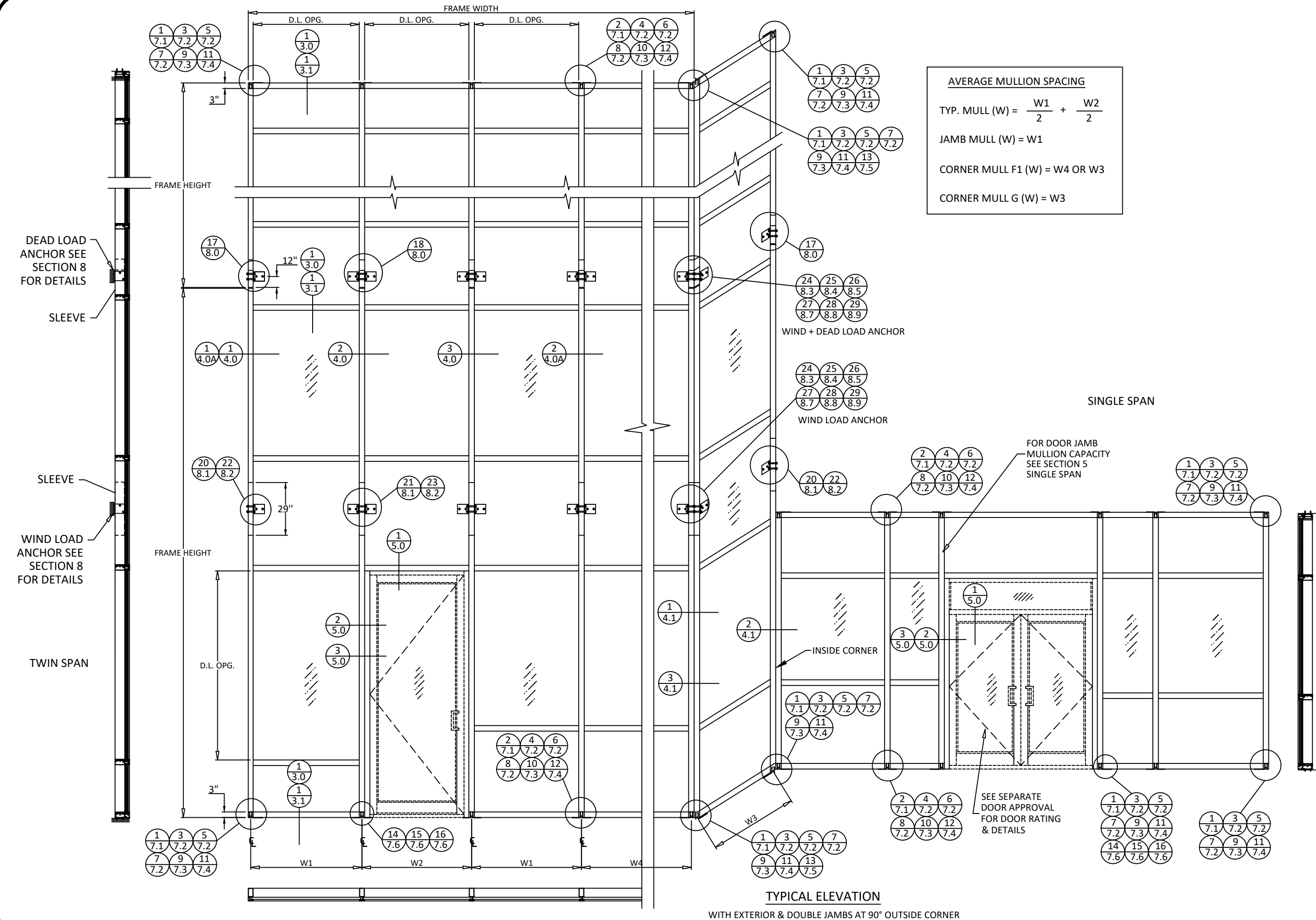
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Reason: I am approving this document
Date: 2026.06.06 13:15:03 -0400

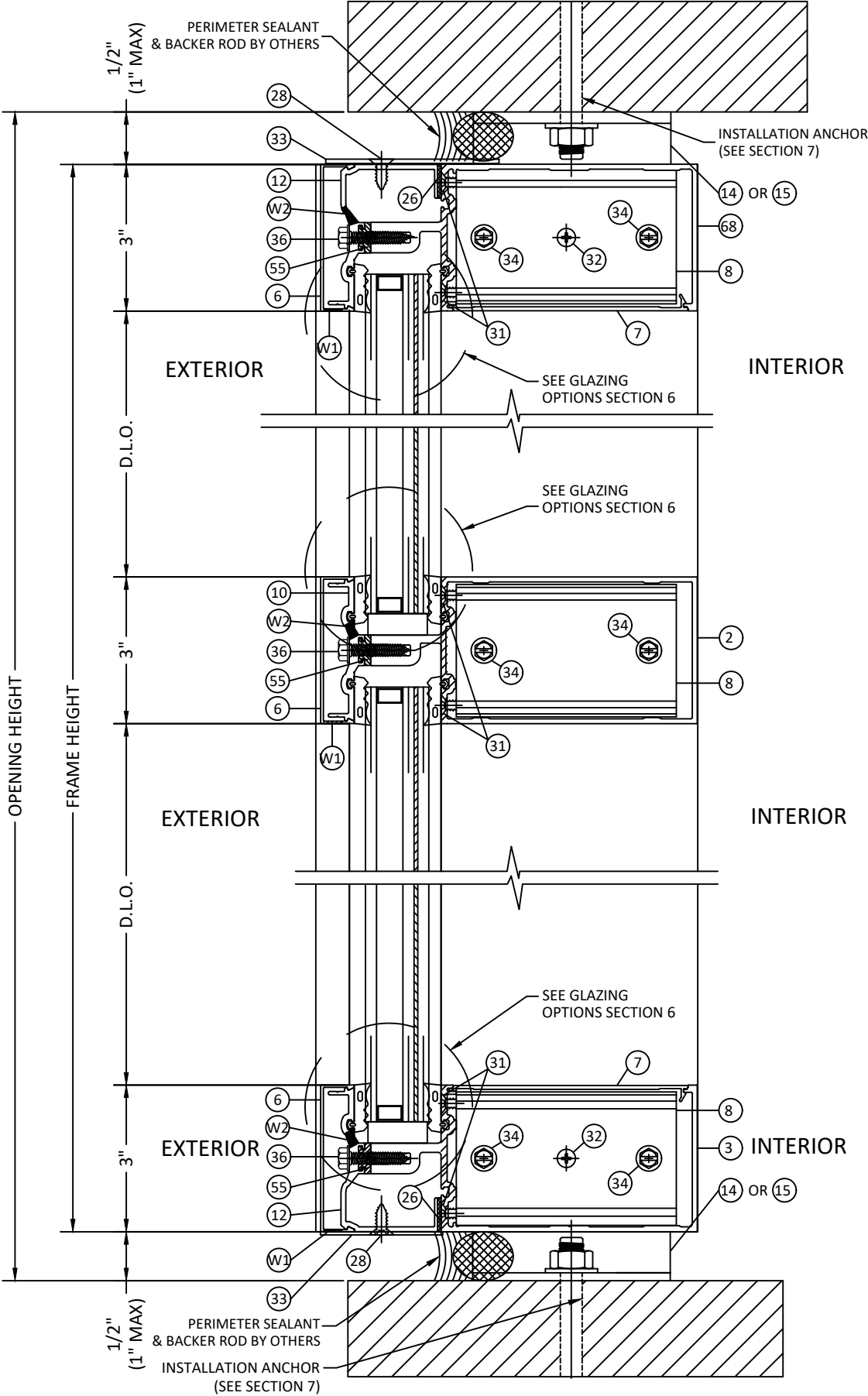


FL #:	
FL12456	
DATE: 07.18.17	
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SCALE: NTS	
DWG. #: YKK208	
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LIGHT/STANDARD DUTY MULLIONS - VERTICAL SECTIONS



WEEPHOLES:
W1 = 5/16" DIA. WEEP HOLES TWO PER D.L. OPNG.
= AT 1/3 POINTS FROM VERTICALS
W2 = 5/16" DIA. WEEP HOLES THREE PER LITE
= AT 3" FROM VERTICALS AND CENTER OF D.L. OPNG.

1
3.0 **VERTICAL SECTION**
LIGHT/STANDARD DUTY MULLION
INSULATING GLASS



Quality
inspires™

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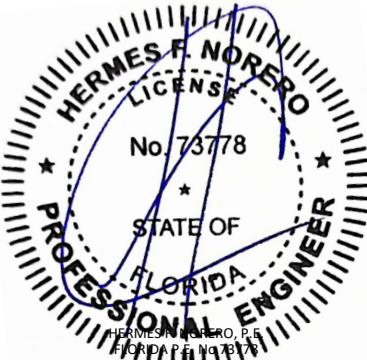
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CURTAIN WALL SYSTEM
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VERTICAL SECTIONS

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HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
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FL #:
FL12456

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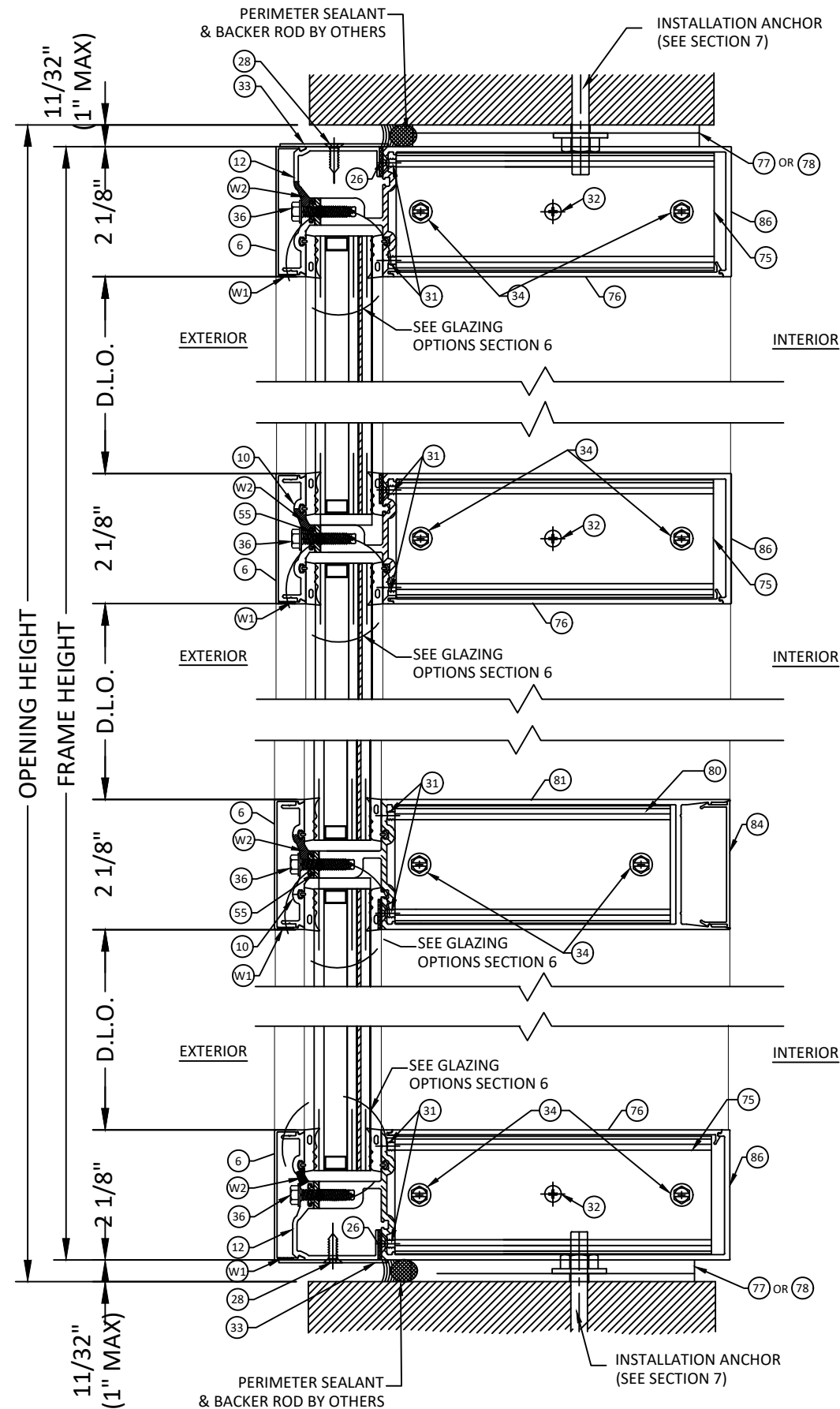
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HFN

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3.0
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LIGHT/STANDARD DUTY MULLIONS - VERTICAL SECTIONS



WEEPHOLES:
W1 = 5/16" DIA. WEEP HOLES TWO PER D.L. OPNG.
= AT 1/3 POINTS FROM VERTICALS
W2 = 5/16" DIA. WEEP HOLES THREE PER LITE
= AT 3" FROM VERTICALS AND CENTER OF D.L. OPNG.

NOTE:
SOLID SHIM UP TO 1/4" MAY BE USED BETWEEN ANCHOR & SUBSTRATE INCREASING THE CAULK JOINT TO 1" ALLOWABLE UNDER THIS CONDITION.

1
3.1 VERTICAL SECTION
LIGHT/STANDARD DUTY MULLIONS 8" DEEP INSULATING GLASS



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VERTICAL SECTIONS

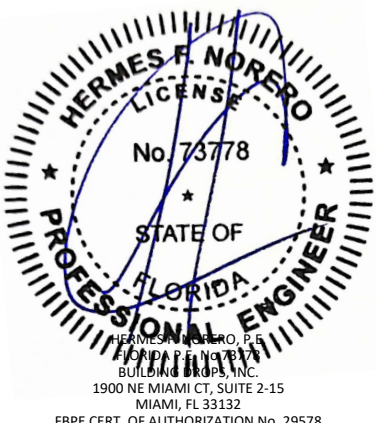
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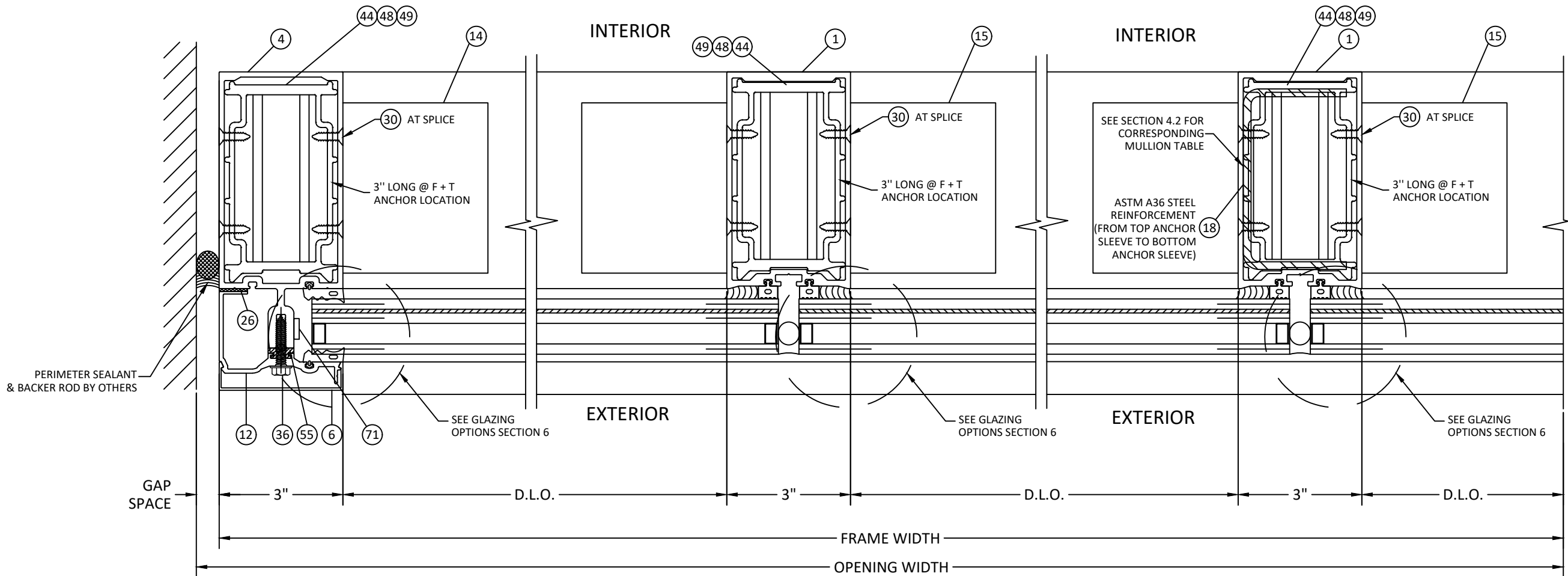
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LIGHT/STANDARD DUTY MULLIONS - HORIZONTAL SECTIONS



1 HORIZONTAL SECTION
4.0 LIGHT/STANDARD DUTY MULLION
INSULATING GLASS
F-ANCHOR

2 HORIZONTAL SECTION
4.0 LIGHT/STANDARD DUTY MULLION
INSULATING GLASS
T-ANCHOR

3 HORIZONTAL SECTION
4.0 LIGHT/STANDARD DUTY MULLION (REINFORCED)
INSULATING GLASS
T-ANCHOR

NOTE:
GAP SPACE AT JAMBS IS NON-STRUCTURAL AND SHALL BE SUFFICIENT TO PROVIDE PROPER WEATHERPROOFING. SEALANT JOINT SIZE MAY VARY IN ACCORDANCE WITH SEALANT MANUFACTURER'S GUIDELINES AND RECOMMENDATION AND SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

MAX. DESIGN LOAD- PSF	MIN. GAP SPACE	MAX. GAP SPACE
90	1/4"	1"

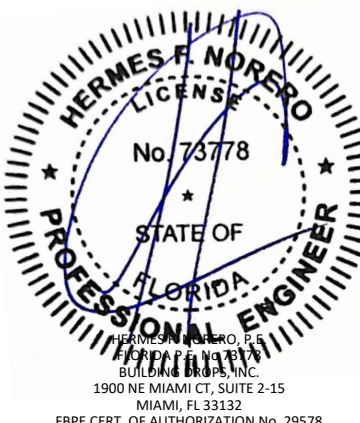


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HORIZONTAL SECTIONS
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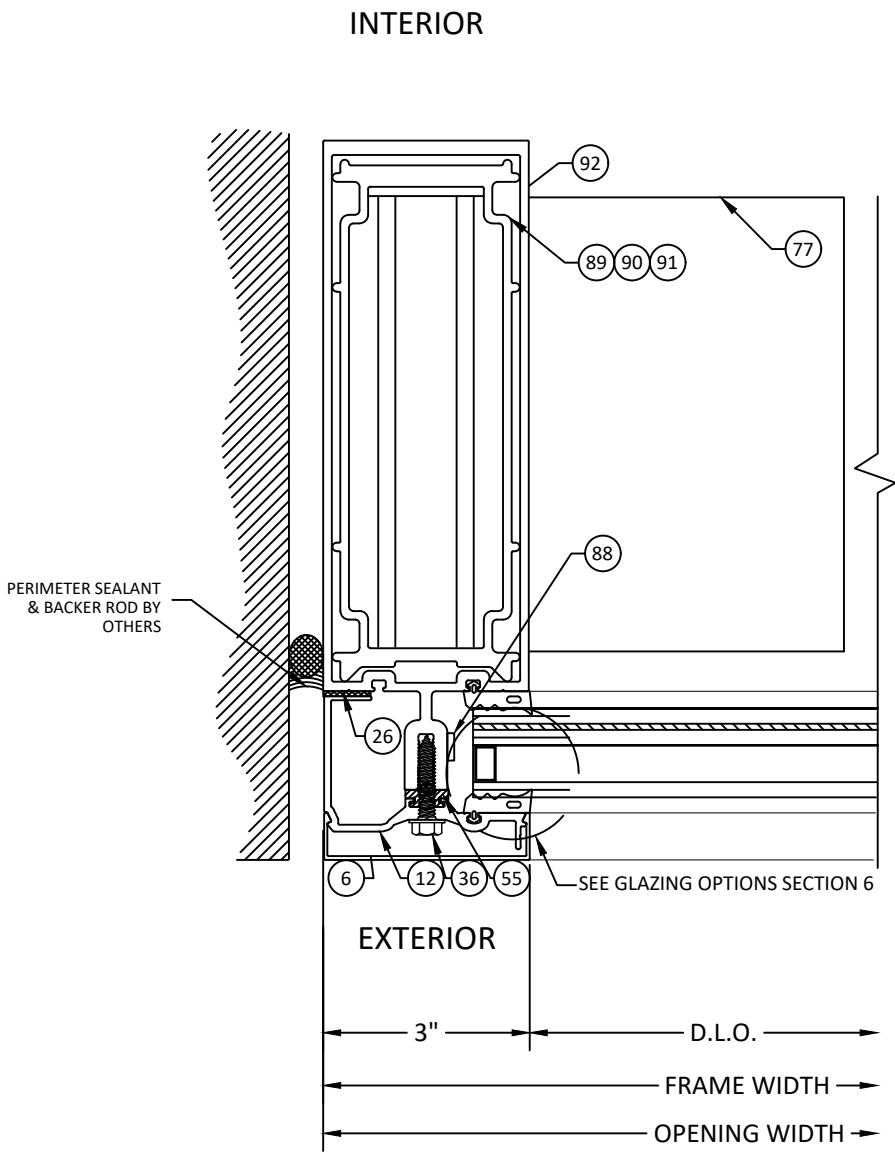


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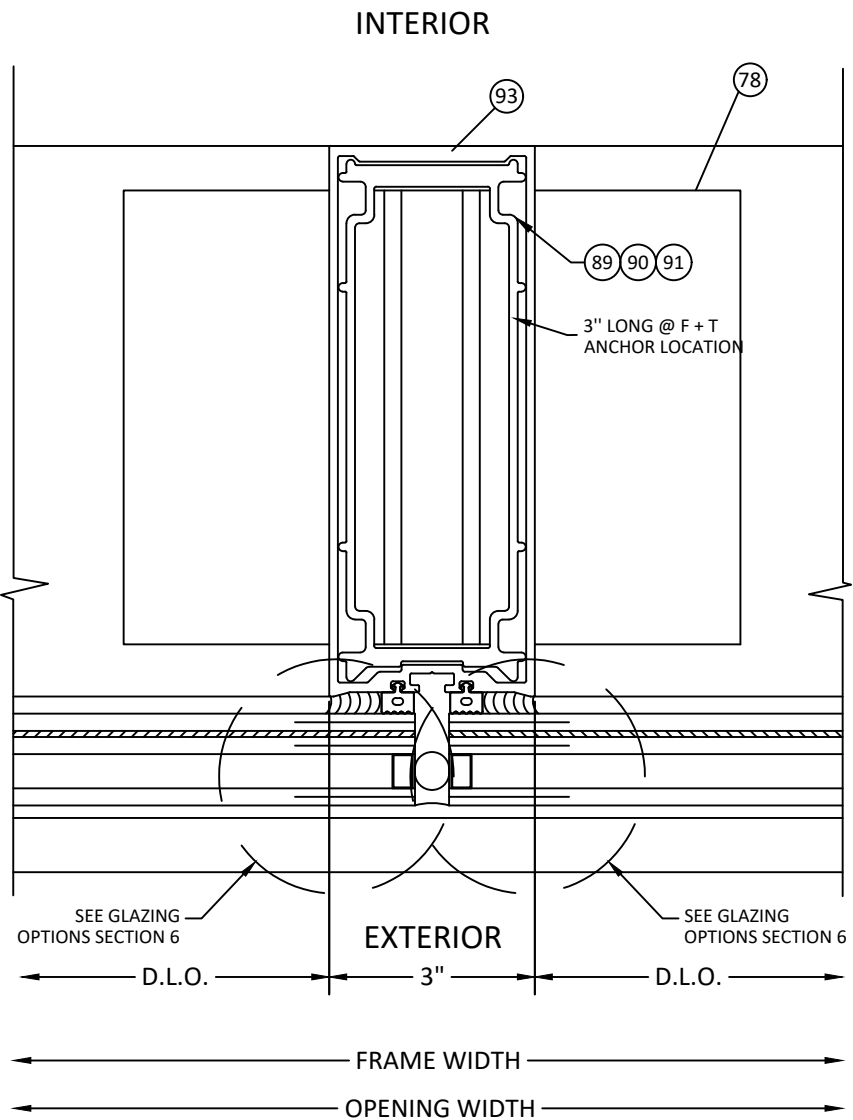
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LIGHT/STANDARD DUTY MULLIONS - HORIZONTAL SECTIONS



1 HORIZONTAL SECTION
4.0A LIGHT/STANDARD DUTY MULLION 8" DEEP INSULATING GLASS

NOTE:
JOINT AT JAMBS IS NON-STRUCTURAL AND SHALL BE SUFFICIENT TO PROVIDE PROPER WEATHERPROOFING. SEALANT JOINT SIZE MAY VARY IN ACCORDANCE WITH SEALANT MANUFACTURER'S GUIDELINES AND RECOMMENDATION AND SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.



2 HORIZONTAL SECTION
4.0A LIGHT/STANDARD DUTY MULLION 8" DEEP INSULATING GLASS T-ANCHOR

MAX. DESIGN LOAD- PSF
90



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HORIZONTAL SECTIONS

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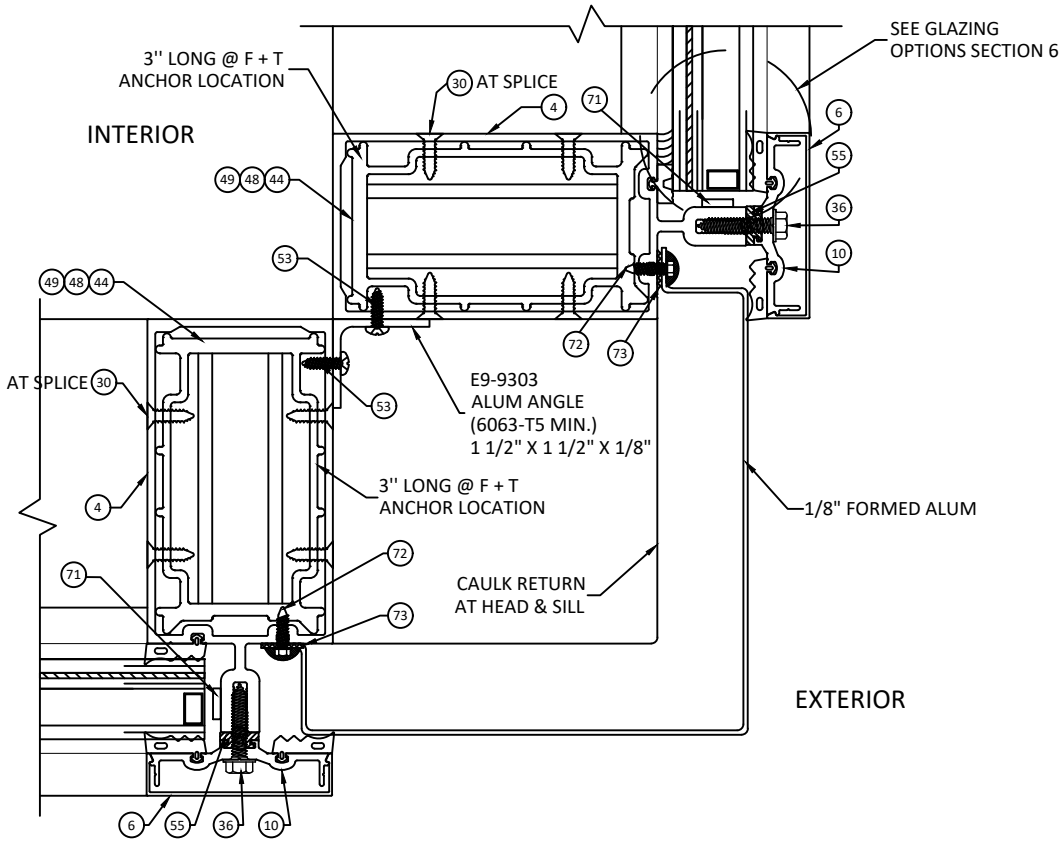
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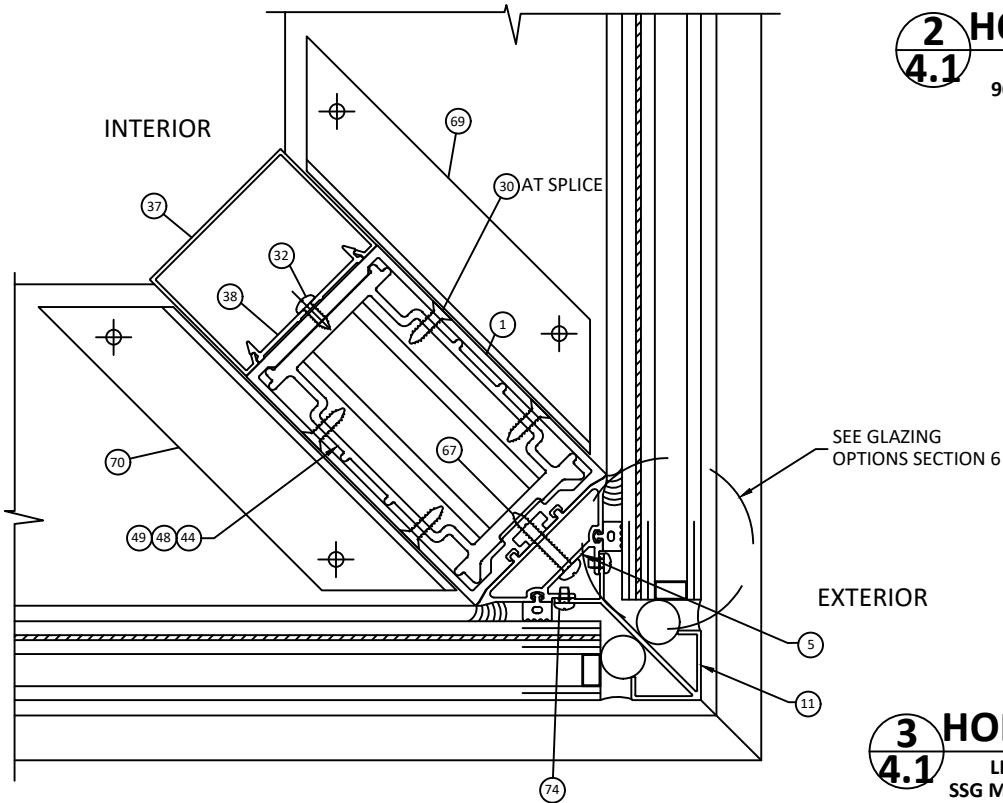
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DWG. #:	YKK208
SECTION:	4.0A

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LIGHT/STANDARD DUTY CORNER MULLIONS - HORIZONTAL SECTIONS

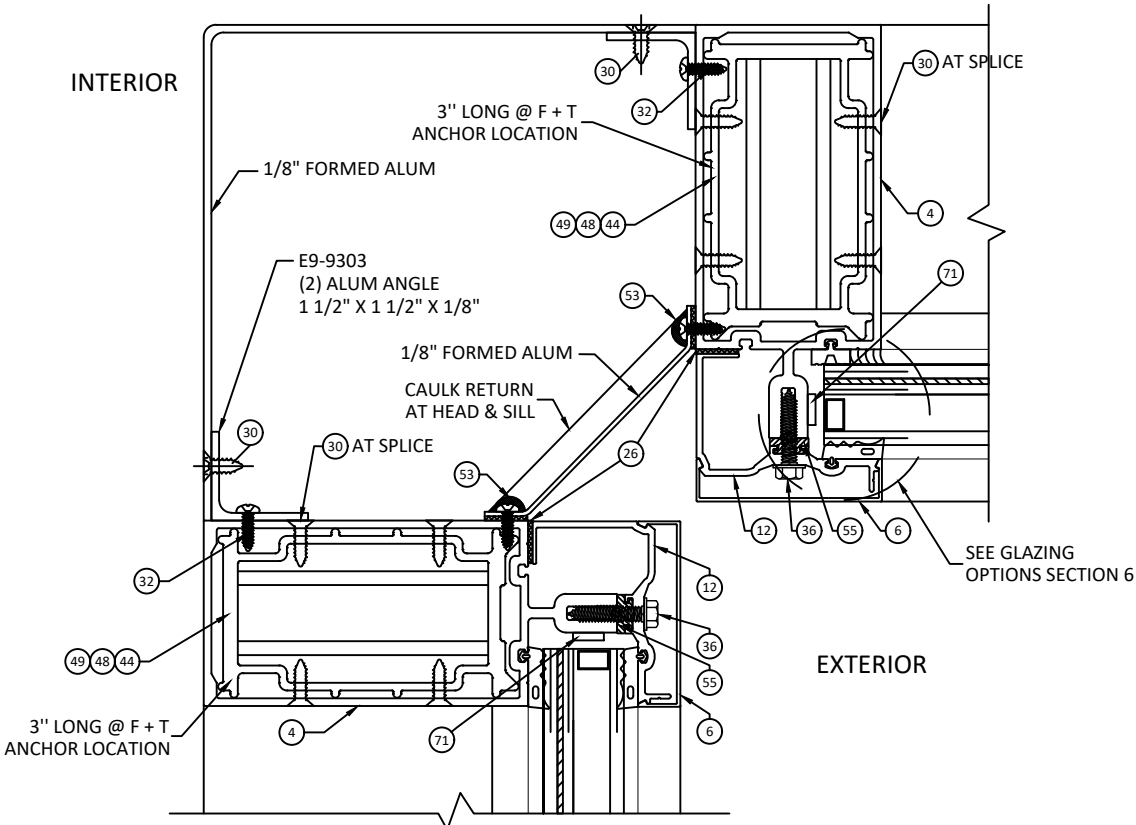


1 HORIZONTAL SECTION
4.1 LIGHT/STANDARD DUTY MULLION
90° OUTSIDE CORNER - INSULATING GLASS
F-ANCHOR



2 HORIZONTAL SECTION
4.1 LIGHT/STANDARD DUTY MULLION
90° INSIDE CORNER - INSULATING GLASS
F-ANCHOR

3 HORIZONTAL SECTION
4.1 LIGHT/STANDARD DUTY MULLION
SSG MULLION CORNER - INSULATING GLASS



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TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

HORIZONTAL SECTIONS - CORNERS

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

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FLORIDA PROFESSIONAL ENGINEER
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FBPE CERT. OF AUTHORIZATION No. 29578

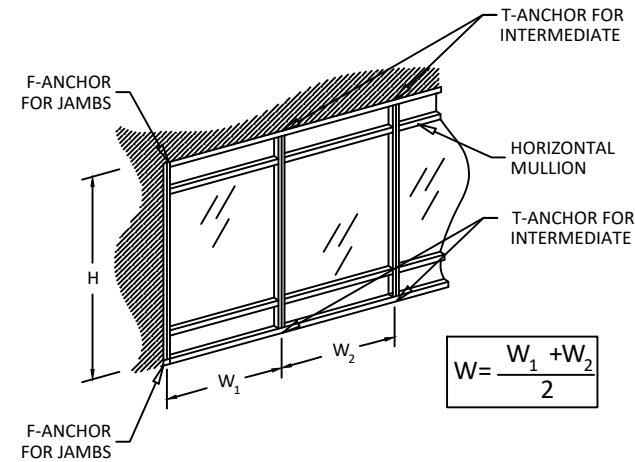
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LIGHT/STANDARD DUTY MULLION CAPACITY CHARTS

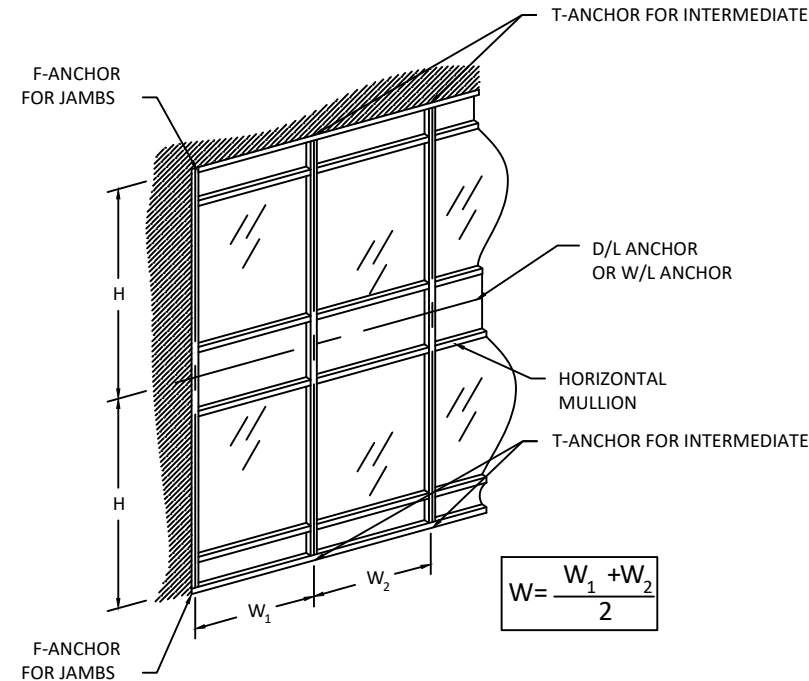
- NOTES
1. DESIGN PRESSURES ARE LIMITED BY THE MULLION FIBERSTRESS AND DEFLECTION CAPACITY PER CURRENT FBC SPECIFICATIONS FOR HVHZ
 2. SELECT DESIGN PRESSURE AND PANEL WIDTH (W) AND OBTAIN THE MAXIMUM ALLOWABLE DESIGN PRESSURE FOR MULLION.
 3. FOR HORIZONTAL MULLIONS CAPACITY, SEE HORIZONTAL MULLION CHART.
 4. WHEN PANEL WIDTHS ARE NOT EQUAL, USE THE AVERAGE WIDTH FROM THE CHART.

CASE 1: SINGLE SPAN WITH UNREINFORCED MULLION
CASE 2: SINGLE SPAN WITH REINFORCED MULLION FULL HEIGHT
CASE 3: TWIN SPAN WITH REINFORCED MULLION AT INTERMEDIATE SUPPORT ONLY



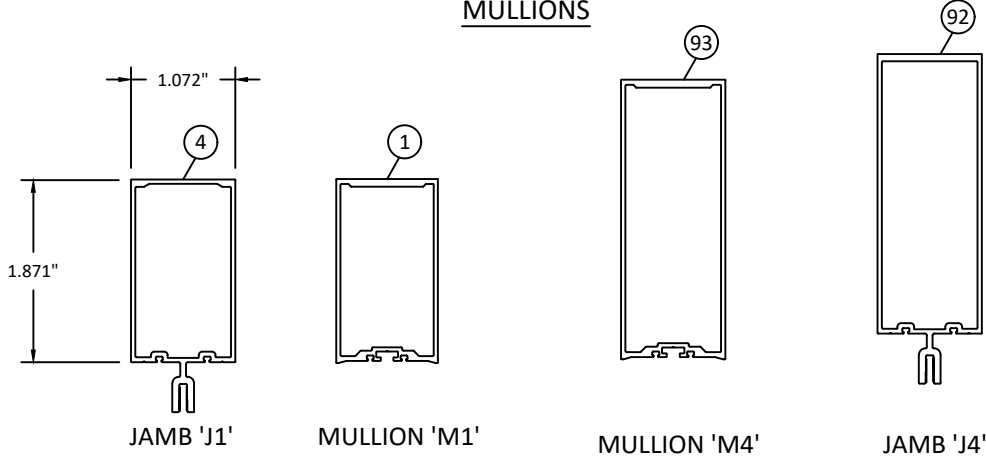
SINGLE SPAN

REINFORCING LENGTH = FRAME HEIGHT - 12 IN.

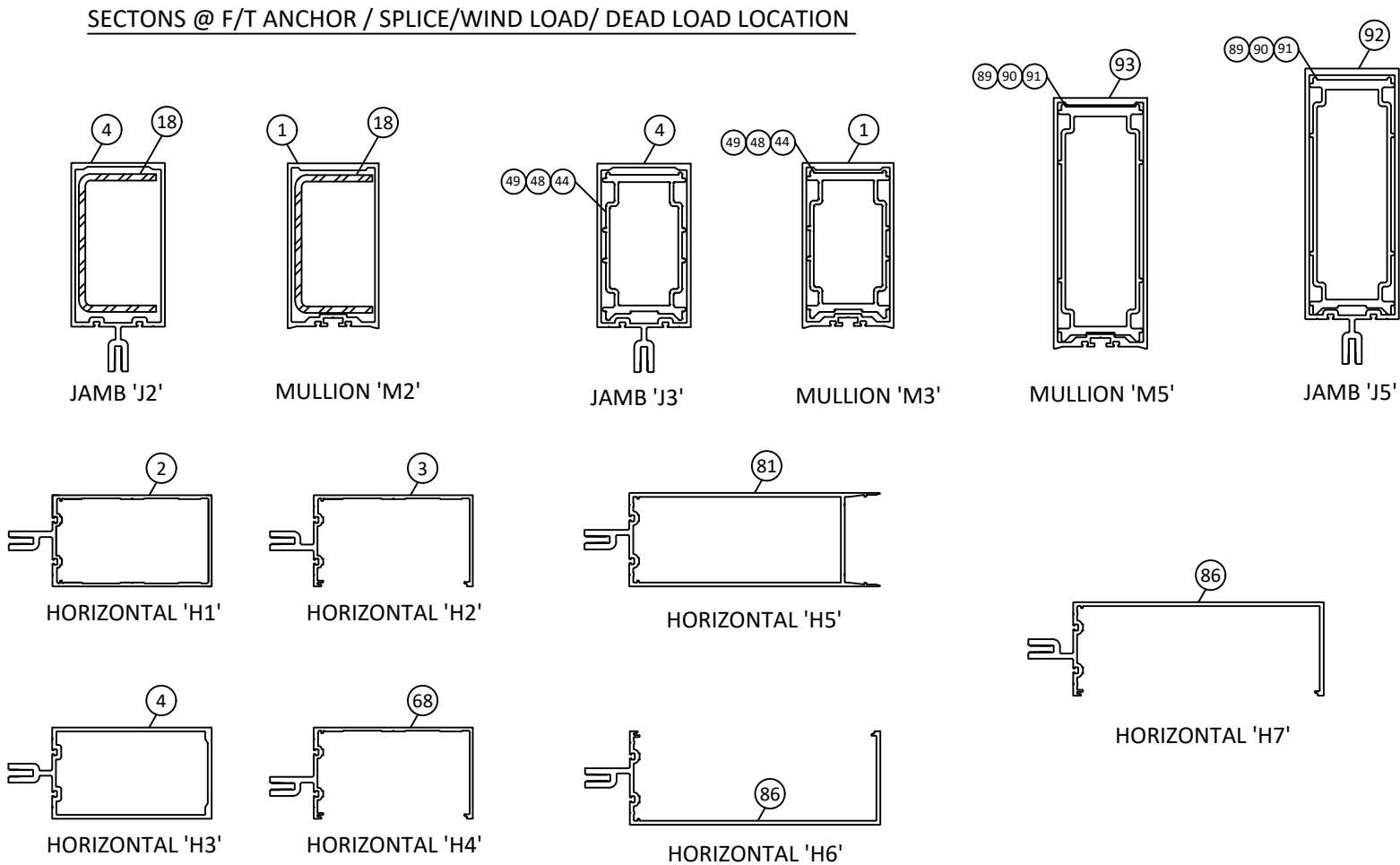


TWIN SPAN

MULLIONS



SECTIONS @ F/T ANCHOR / SPLICE/WIND LOAD/ DEAD LOAD LOCATION



REFER TO SECTION 4.2A FOR
LIGHT/STANDARD DUTY CAPACITY TABLE.

- (89) (44) MULLION ANCHOR SLEEVE (STD) (3" LONG @ TOP & BOTTOM)
- (90) (48) MULLION SPLICE SLEEVE (STD) (6" LONG @ SPLICE)
- (91) (49) MULLION WL/DL REINF. SLEEVE (STD) (29" LONG @ ANCHOR)



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HORIZONTAL SECTIONS &
CAPACITY CHARTS

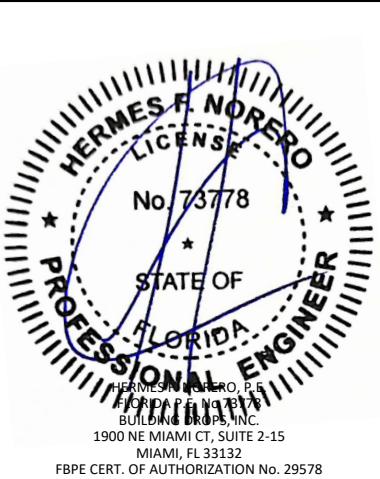
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SCALE: **NTS**

DWG. #: **YKK208**

SECTION:

4.2

LIGHT/STANDARD DUTY MULLION CAPACITY CHARTS

JAMB/MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
		JAMB - 'J1', 'J4' & MULLION - 'M1', 'M4'	JAMB - 'J2' & MULLION - 'M2'	JAMB - 'J3', 'J5' & MULLION - 'M3', 'M5'
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	84	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0
36	90	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0
36	96	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0
36	102	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0

*SLEEVE REINFORCEMENT @ WL + DL, 29" LONG

JAMB/MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
		JAMB - 'J1', 'J4' & MULLION - 'M1', 'M4'	JAMB - 'J2' & MULLION - 'M2'	JAMB - 'J3', 'J5' & MULLION - 'M3', 'M5'
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	108	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0
36	114	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		85.8	90.0	90.0
57		81.3	90.0	90.0
60		77.2	90.0	90.0
36	120	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		88.2	90.0	90.0
48		82.7	90.0	90.0
51		77.9	90.0	90.0
54		73.5	90.0	90.0
57		69.7	90.0	90.0
60		66.2	90.0	90.0

JAMB/MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
		JAMB - 'J1', 'J4' & MULLION - 'M1', 'M4'	JAMB - 'J2' & MULLION - 'M2'	JAMB - 'J3', 'J5' & MULLION - 'M3', 'M5'
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	126	90.0	90.0	90.0
39		88.0	90.0	90.0
42		81.7	90.0	90.0
45		76.2	90.0	90.0
48		71.5	90.0	90.0
51		67.3	90.0	90.0
54		63.5	90.0	90.0
36	132	82.9	90.0	90.0
39		76.5	90.0	90.0
42		71.0	90.0	90.0
45		66.3	90.0	90.0
48		62.2	90.0	90.0
51		58.5	90.0	90.0
54		55.3	89.4	90.0
36	138	72.5	90.0	90.0
39		67.0	90.0	90.0
42		62.2	90.0	90.0
45		58.0	90.0	90.0
48		54.4	88.0	90.0
36	144	63.8	90.0	90.0
39		58.9	90.0	90.0
42		54.7	88.5	90.0
45		51.1	82.6	90.0
48		47.9	77.5	90.0
36	150	56.5	90.0	90.0
39		52.1	84.4	90.0
42		48.4	78.3	90.0
45		45.2	73.1	90.0
48		42.4	68.5	90.0

REFER TO SECTION 4.2 FOR STANDARD DUTY MULLION DETAILS.

STANDARD DUTY HORIZONTAL MULLIONS (+/- PSF)		
MAX. WIDTH (IN.)	MAX. D.L.O. HEIGHT ABOVE HORIZONTAL (IN.)	DESIGN PRESSURE (+/- PSF)
60	144	90

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YKK AP AMERICA

1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021

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

TITLE: YHC - 300 SSG (INSULATING GLASS) CURTAIN WALL SYSTEM (HVHZ) (IMPACT)
CAPACITY CHARTS

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

BD

BUILDING DROPS

REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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HERMES F. NORERO

LICENSE

No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.

Florida Professional Engineer

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL12456

DATE:

07.18.17

DWG. BY:

AR/RV

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK208

SECTION:

4.2A

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6/5/2026 9:19 AM

LIGHT/STANDARD DUTY CORNER MULLIONS - CAPACITY CHARTS

CORNER MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
WIDTH 'W' (in.)	SPAN HEIGHT 'H' (in.)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	84	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0
36	90	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0
36	96	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0
36	102	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0

CORNER MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
WIDTH 'W' (in.)	SPAN HEIGHT 'H' (in.)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	108	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		90.0	90.0	90.0
57		90.0	90.0	90.0
60		90.0	90.0	90.0
36	114	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		90.0	90.0	90.0
48		90.0	90.0	90.0
51		90.0	90.0	90.0
54		85.8	90.0	90.0
57		81.3	90.0	90.0
60		77.2	90.0	90.0
36	120	90.0	90.0	90.0
39		90.0	90.0	90.0
42		90.0	90.0	90.0
45		88.2	90.0	90.0
48		82.7	90.0	90.0
51		77.9	90.0	90.0
54		73.5	90.0	90.0
57		69.7	90.0	90.0
60		66.2	90.0	90.0

CORNER MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
WIDTH 'W' (in.)	SPAN HEIGHT 'H' (in.)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	126	90.0	90.0	90.0
39		88.0	90.0	90.0
42		81.7	90.0	90.0
45		76.2	90.0	90.0
48		71.5	90.0	90.0
51		67.3	90.0	90.0
54		63.5	90.0	90.0
57		62.9	90.0	90.0
36	132	76.5	90.0	90.0
39		71.0	90.0	90.0
42		66.3	90.0	90.0
45		62.2	90.0	90.0
48		58.5	90.0	90.0
51		55.3	89.4	90.0
54		72.5	90.0	90.0
57		67.0	90.0	90.0
36	138	62.2	90.0	90.0
39		58.0	90.0	90.0
42		54.4	88.0	90.0
45		63.8	90.0	90.0
48		58.9	90.0	90.0
51		54.7	88.5	90.0
54		51.1	82.6	90.0
57		47.9	77.5	90.0
36	144	56.5	90.0	90.0
39		52.1	84.4	90.0
42		48.4	78.3	90.0
45		45.2	73.1	90.0
48		42.4	68.5	90.0
36	150	42.4	68.5	90.0
39		42.4	68.5	90.0
42		42.4	68.5	90.0
45		42.4	68.5	90.0
48		42.4	68.5	90.0
36		42.4	68.5	90.0
39		42.4	68.5	90.0
42		42.4	68.5	90.0

CASE 1: SINGLE SPAN WITH UNREINFORCED MULLION
CASE 2: SINGLE SPAN WITH REINFORCED MULLION FULL HEIGHT
CASE 3: TWIN SPAN WITH REINFORCED MULLION AT INTERMEDIATE SUPPORT ONLY



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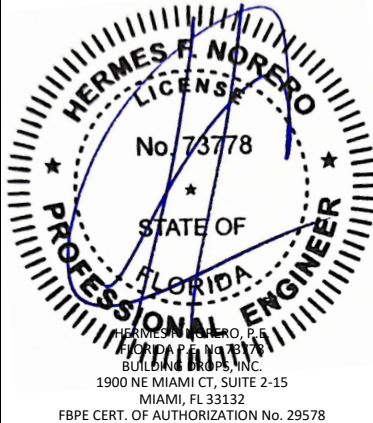
TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)
CORNER MULLION
CAPACITY CHARTS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
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MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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

FL #:

FL12456

DATE: 07.18.17

DWG. BY:	CHK. BY:
AR/RV	HFN

SCALE: NTS

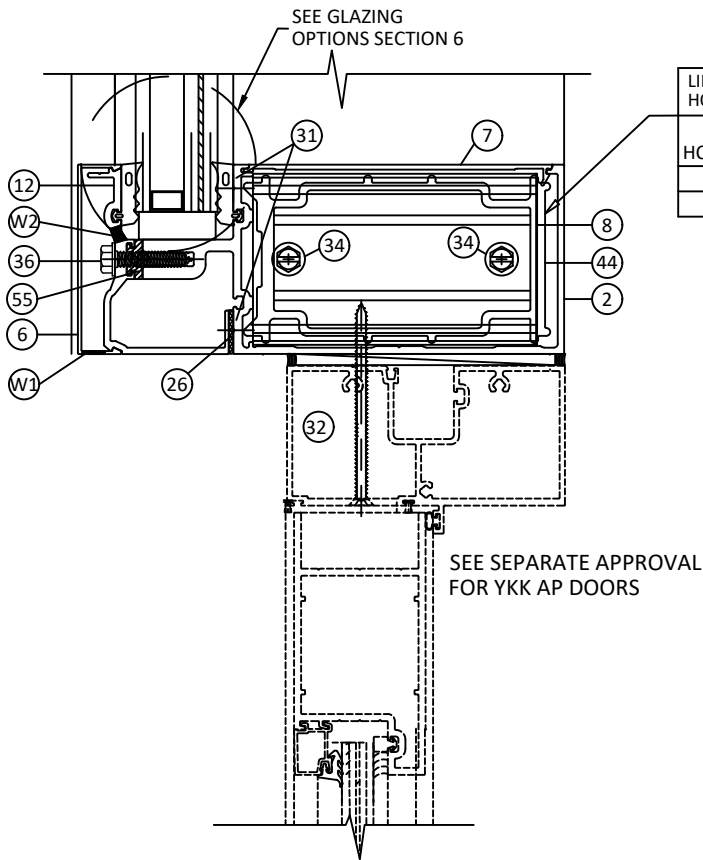
DWG. #: YKK208

SECTION:

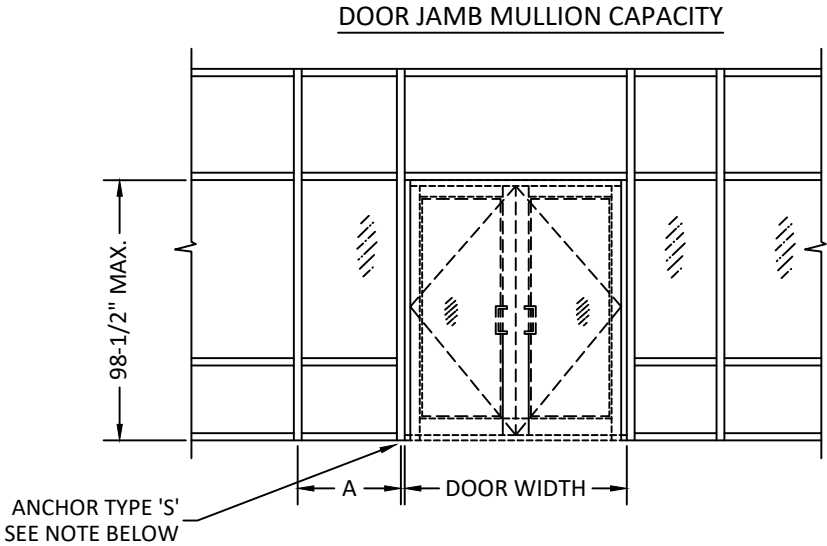
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LIGHT/STANDARD DUTY MULLION DOOR DETAILS



LIMIT MAX. DESIGN LOADS FOR HORIZONTAL ABOVE DOOR AS FOLLOWS		
HORIZ. SPAN MAX.	DESIGN LOAD	
	W/O SPLICE REINF.	W/ SPLICE REINF.
97-3/4"	50 PSF	75 PSF
85-3/4"	67 PSF	90 PSF



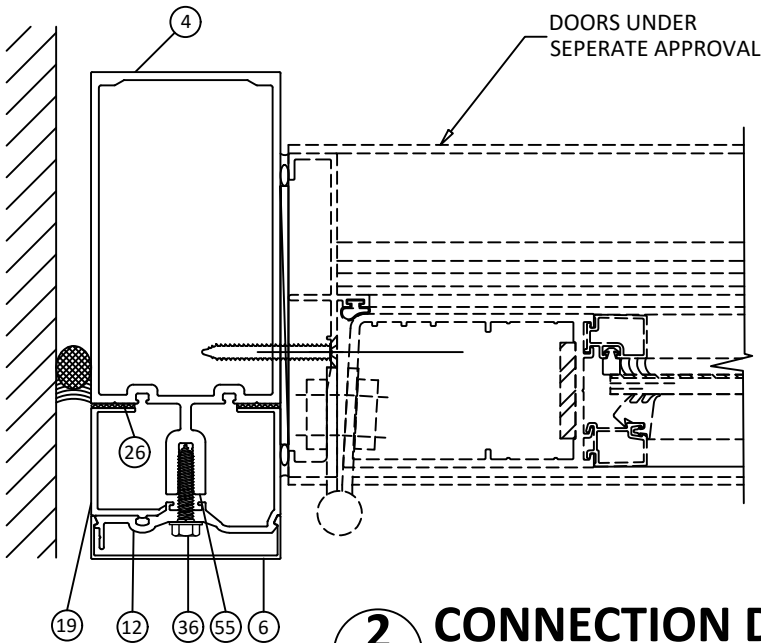
MAX. DOOR OPNG, WIDTH	A	DP (+/- PSF)
78-1/2"	60"	90.0

- NOTE:
- FOR DOOR HEIGHT LESS THAN OR EQUAL TO 98-1/2" USE ABOVE TABLE.
 - DOORS SHALL BE UNDER SEPARATE APPROVALS.

- NOTE:
- 5-1/4" DEPTH SHOWN, 8" DEPTH SIMILAR.

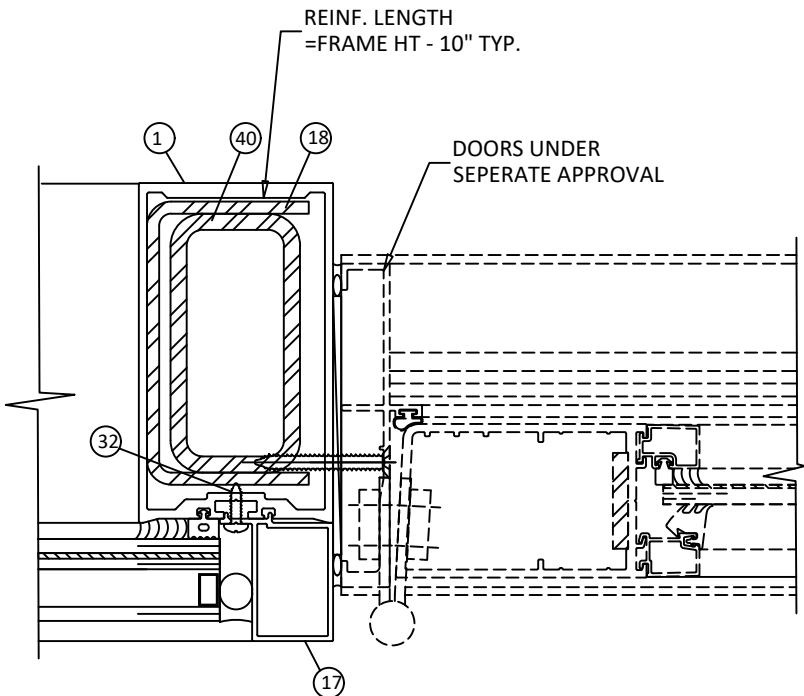
1 CONNECTION DETAIL
5.0

FRAME MULLION / DOOR JAMB
LIGHT/STANDARD DUTY



2 CONNECTION DETAIL
5.0

FRAME MULLION / DOOR JAMB
LIGHT/STANDARD DUTY



3 CONNECTION DETAIL
5.0

FRAME MULLION / DOOR JAMB
LIGHT/STANDARD DUTY



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TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

DOOR DETAILS

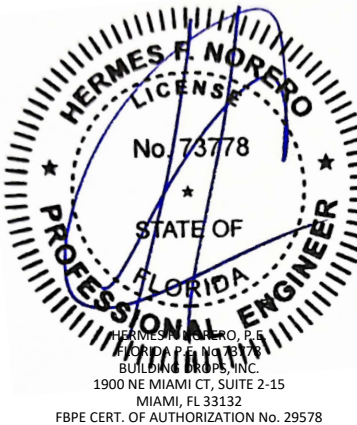
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SCALE: NTS

DWG. #: YKK208

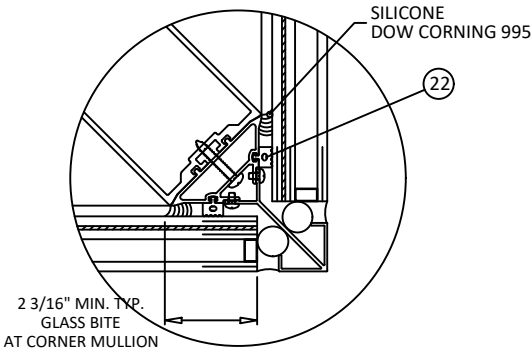
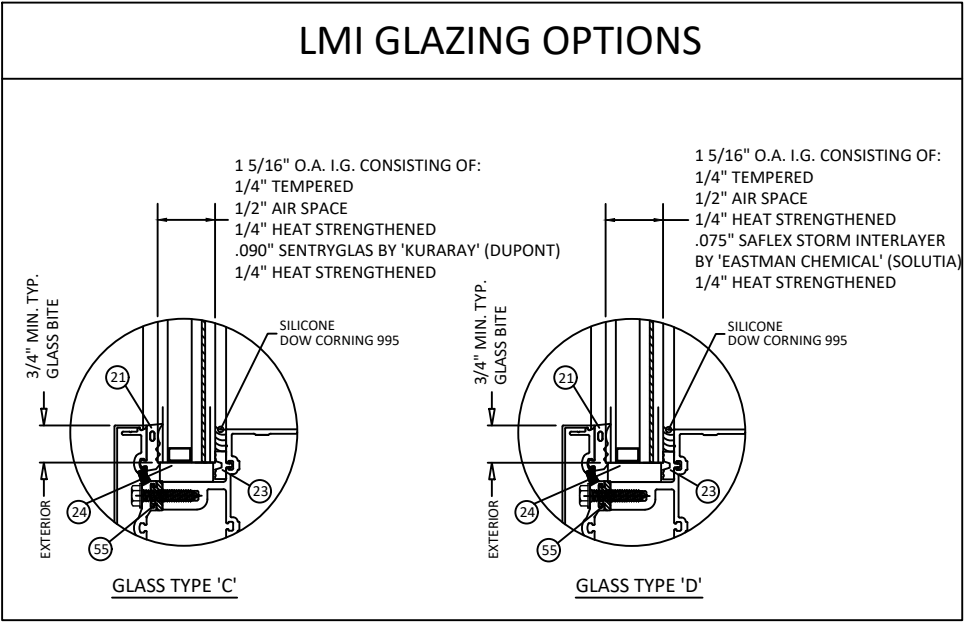
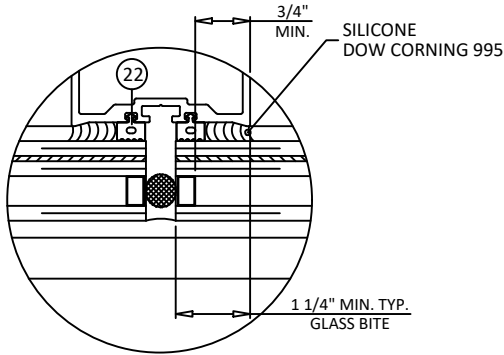
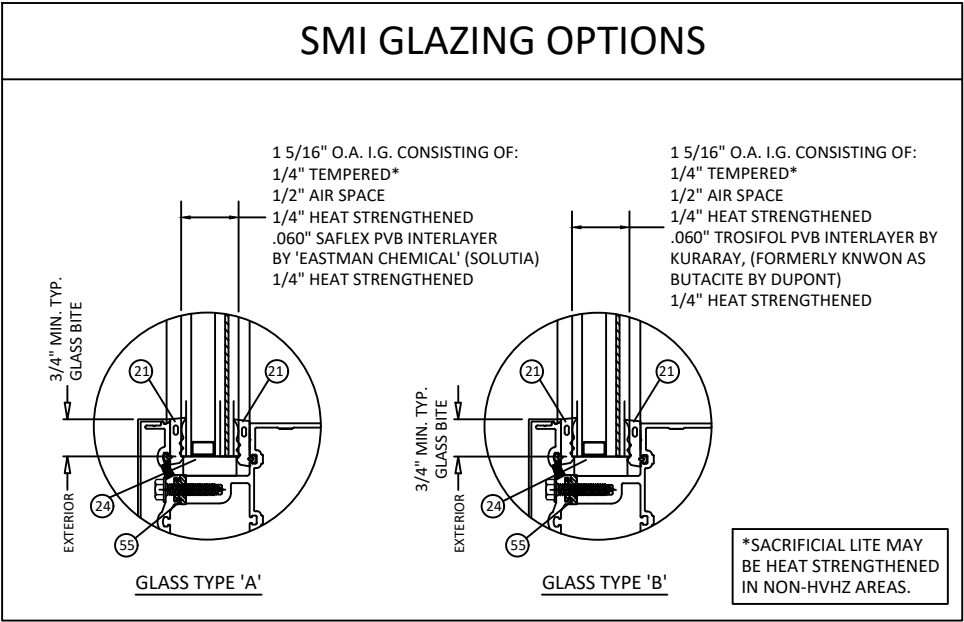
SECTION:

5.0

INSULATING GLASS OPTIONS - SMALL & LARGE MISSILE IMPACT

- NOTES:
1. CHART VALUES PROVIDE MAXIMUM DESIGN PRESSURES ACCORDING TO ASTM E1300 FOR GIVEN GLASS DIMENSIONS 'a' AND 'b' (a > b), AND CH. 17 OF THE FBC FOR SIZES OTHER THAN TESTED
 2. DO NOT EXCEED MULLION CAPACITY SELECTED OR ANCHOR CAPACITY IN DESIGN PRESSURE CHARTS
 3. ALLOW FOR SPLAY OF 2.5" AT EACH SIDE, FOR A TOTAL SPLAY OF 5", AT ALL GLASS LOCATIONS.

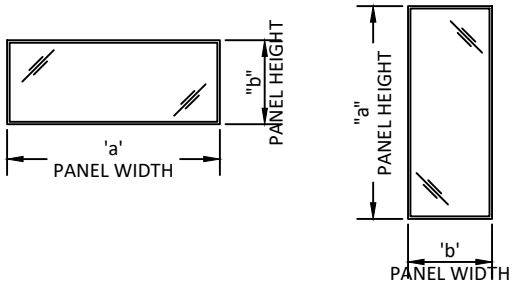
GLASS CAPACITY TABLE (PSF)					
NOMINAL DIMS.		GLASS TYPES A & B		GLASS TYPES C & D	
D.L.O. WIDTH (in.)	D.L.O. HEIGHT (in.)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
27	60	90.0	90.0	90.0	90.0
33		90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
51		79.4	79.4	79.4	79.4
57		71.1	71.1	71.1	71.1
63		67.5	67.5	67.5	67.5
69		67.5	67.5	67.5	67.5
27	66	90.0	90.0	90.0	90.0
33		90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
51		79.4	79.4	79.4	79.4
57		71.1	71.1	71.1	71.1
63		64.3	64.3	64.3	64.3
27	72	90.0	90.0	90.0	90.0
33		90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
51		79.4	79.4	79.4	79.4
57		71.1	71.1	71.1	71.1
59		68.6	68.6	68.6	68.6
27	78	90.0	90.0	90.0	90.0
33		90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
51		79.4	79.4	79.4	79.4
54		75.0	75.0	75.0	75.0
27	84	90.0	90.0	90.0	90.0
33		90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
50		81.0	81.0	81.0	81.0
27	90	90.0	90.0	90.0	90.0
33		90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
47		86.2	86.2	86.2	86.2
27	94	90.0	90.0	90.0	90.0
33		90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
33	102	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
41		90.0	90.0	90.0	90.0
33	108	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
33	114	90.0	90.0	90.0	90.0
37		90.0	90.0	90.0	90.0
33	120	90.0	90.0	90.0	90.0
35		90.0	90.0	90.0	90.0
33	126	90.0	90.0	90.0	90.0
33		90.0	90.0	90.0	90.0



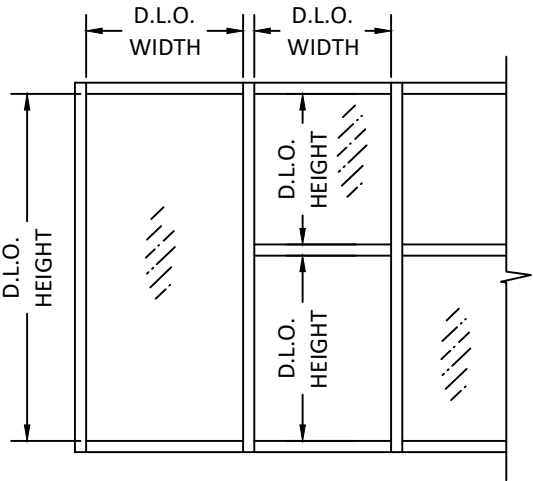
1/2" AIR SPACE CONSISTING OF:
- SPACER: ALUMINUM BOX SPACER.
- PRIMARY SEALANT: POLYISOBUTYLENE (PIB).
- SECONDARY SEALANT: STRUCTURAL SILICONE INTENDED FOR FABRICATION OF INSULATING GLASS UNITS.

- * NOTE:
1. GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 3. APPROVED SETTING BLOCKS SHALL BE USED AND TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 4. WHERE REQUIRED, TEMPERED GLASS IS REQUIRED TO BE USED TO COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CHAPTER 24 OF THE CURRENT FBC.
 5. D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

PANEL DIMENSIONS ('a' ≥ 'b')



D.L.O. WIDTH = PANEL WIDTH - 3"
D.L.O. HEIGHT = PANEL HEIGHT - 6"



YKK AP AMERICA

1229 HWY 441 BYPASS
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TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

GLAZING DETAILS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
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MISC. UPDATES	SH	3.28.22
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FL #: **FL12456**

DATE: **07.18.17**

DWG. BY: **AR/RV** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **YKK208**

SECTION:

6.0

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NOTE:

1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. REFER TO ANCHOR LAYOUTS AT RIGHT FOR LOCATIONS AND DETERMINING MAX. SPANS (H) AND TRIBUTARY WIDTHS (W).
3. FOR SITE CONDITIONS NOT SHOWN IN THE DETAILS HEREIN OR EDGE DISTANCE REQUIREMENTS TO BE MODIFIED, ANCHORS MAY BE ENGINEERED ON A SITE SPECIFIC BASIS.
4. REFER TO SECTION 8 FOR WL & DL ANCHOR CONFIGURATIONS.
5. REFER TO SECTION 7 FOR T, F, & S ANCHOR TYPE CAPACITIES.
6. FOR ANCHOR TYPE 'M', FINAL SELECTION OF HALFEN CAST IN CHANNEL & T-BOLTS SHALL BE VERIFIED BY HALFEN USA IN ACCORDANCE WITH SITE SPECIFIC LOADS PRIOR TO INSTALLATION.

*REFER TO SECTION 2 FOR ILLUSTRATION OF DETERMINING MAX. TRIBUTARY WIDTH



[Page 14 of 38]

F & T - ANCHOR DETAILS

MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com



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.



DATE: 07.18.17

AR/RV

SCALE: **NTS**

DWG. #: YKK208

SECTION:

[Page 15 of 38]



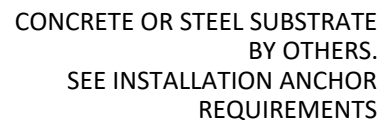
F-ANCHOR CONFIG 1

- 5-1/4" DEPTH SHOWN, 8" DEPTH SIMILAR WITH #77 AND #78 END ANCHORS.

1. ANCHORS SHOWN HEREIN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL ANCHOR IDENTIFICATION SHALL BE PER ANCHOR MANUFACTURERS INSTALLATION INSTRUCTIONS
2. ANCHOR BOLT EXTENSIONS MAY BE CLIPPED TO T.O. HEX NUT AND SHEAR BLOCKS MAY BE NOTCHED TO ALLOW FOR ANCHOR CLEARANCE.
3. REFER TO INSTALLATION ANCHOR REQUIREMENTS FOR MINIMUM EDGE DISTANCES (E.D.), EMBEDMENTS (EMBED), & PROPERTIES OF OPENING SUBSTRATE



T-ANCHOR CONFIG 1



EXTERIOR VIEW

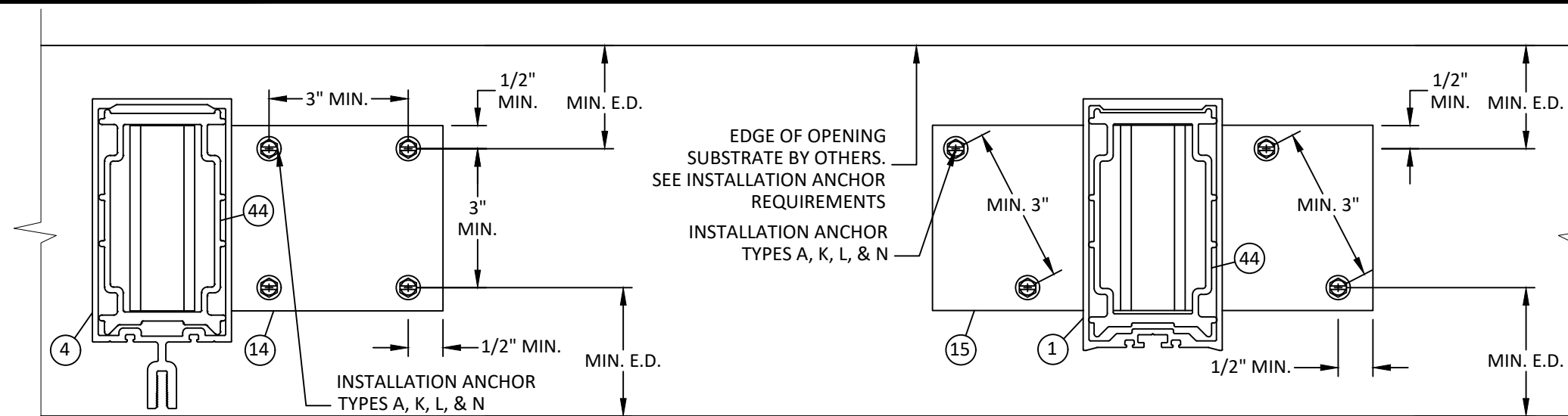


EXTERIOR VIEW

T-ANCHOR (TYPICAL)

— CONCRETE OR STEEL SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS

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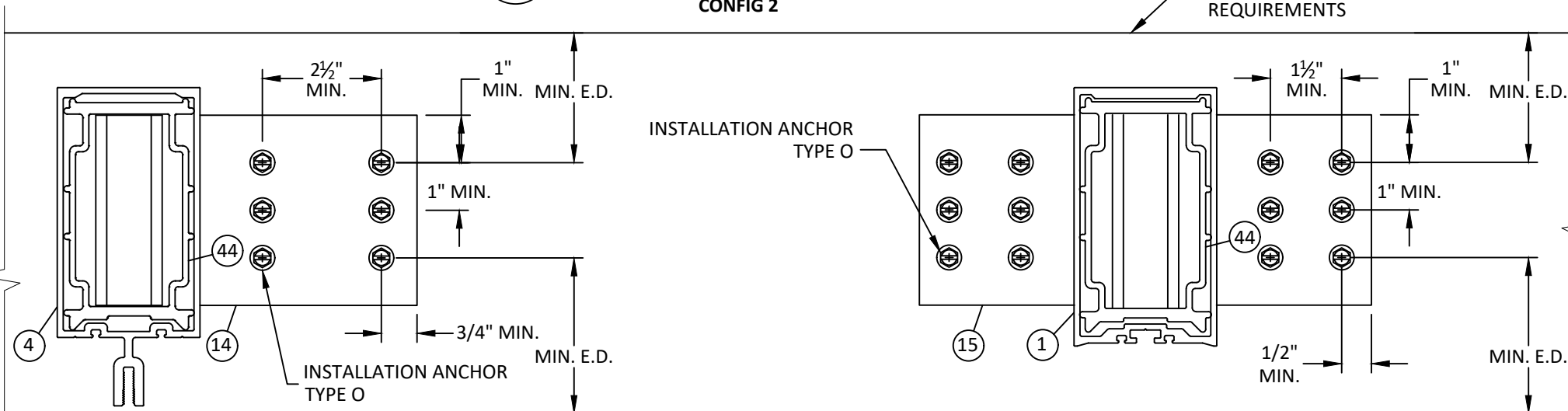


3 HORIZONTAL SECTION
7.2
F-ANCHOR
CONFIG 2

4 HORIZONTAL SECTION
7.2
T-ANCHOR
CONFIG 2

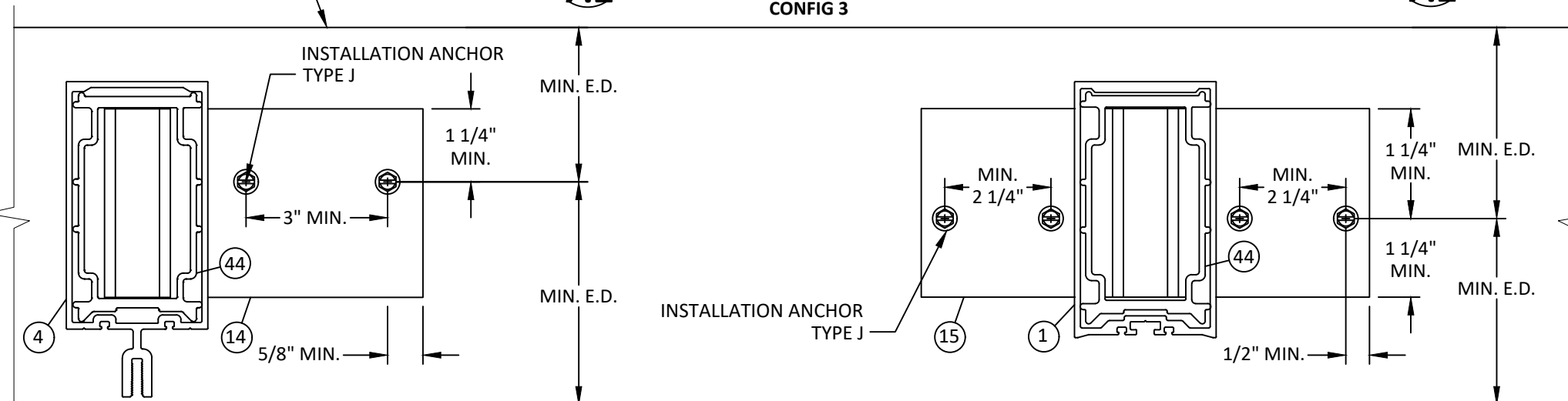
NOTE:
• 5-1/4" DEPTH SHOWN, 8" DEPTH SIMILAR WITH #77 AND #78 END ANCHORS.

EDGE OF OPENING SUBSTRATE BY OTHERS. SEE INSTALLATION ANCHOR REQUIREMENTS



5 HORIZONTAL SECTION
7.2
F-ANCHOR
CONFIG 3

6 HORIZONTAL SECTION
7.2
T-ANCHOR
CONFIG 3



7 HORIZONTAL SECTION
7.2
F-ANCHOR
CONFIG 7

8 HORIZONTAL SECTION
7.2
T-ANCHOR
CONFIG 7

NOTE:
1. ANCHORS SHOWN HEREIN HAVE BEEN SPECIFIED PER ANCHOR MANUFACTURER'S RECOMMENDATIONS. CAST IN ANCHOR CHANNELS, HT3512 SHALL BE USED WITH F-ANCHORS AND HT6112 SHALL BE USED WITH T-ANCHORS.
2. ANCHOR BOLT EXTENSIONS MAY BE CLIPPED TO T.O. HEX NUT AND SHEAR BLOCKS MAY BE NOTCHED TO ALLOW FOR ANCHOR CLEARANCE.
3. REFER TO INSTALLATION ANCHOR REQUIREMENTS FOR MINIMUM EDGE DISTANCES (E.D.), EMBEDMENTS (EMBED), & PROPERTIES OF OPENING SUBSTRATE



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

TITLE: YHC - 300 SSG (INSULATING GLASS) CURTAIN WALL SYSTEM (HVHZ) (IMPACT)
F & T - ANCHOR DETAILS

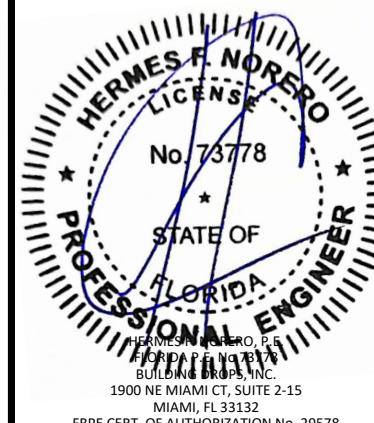
PREPARED BY: BUILDING DROPS, INC.

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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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



FL #:	FL12456
DATE:	07.18.17
DWG. BY:	AR/RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK208
SECTION:	7.2

F & T - ANCHOR DETAILS

MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com



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DATE: 07.18.17

DWG. BY: AR/RV	CHK. BY: HFN
--------------------------	------------------------

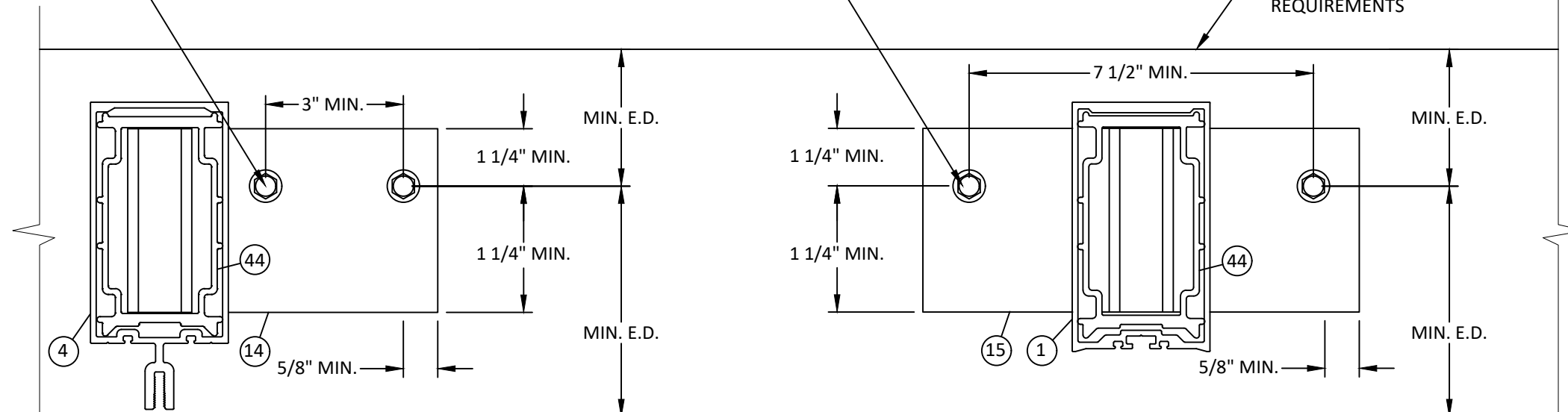
SCALE: NTS

DWG. #: YKK208

SECTION:

[Page 17 of 38]

EDGE OF OPENING SUBSTRATE
BY OTHERS.
— SEE INSTALLATION ANCHOR
REQUIREMENTS



F-ANCHOR CONFIG 1

T-ANCHOR CONFIG 1

- 5-1/4" DEPTH SHOWN, 8" DEPTH SIMILAR WITH #77 AND #78 END ANCHORS.

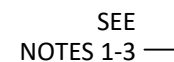
1. ANCHORS SHOWN HEREIN HAVE BEEN SPECIFIED PER ANCHOR MANUFACTURER'S RECOMMENDATIONS. CAST IN ANCHOR CHANNELS, HT3512 SHALL BE USED WITH F-ANCHORS AND HT6112 SHALL BE USED WITH T-ANCHORS.
2. ANCHOR BOLT EXTENSIONS MAY BE CLIPPED TO T.O. HEX NUT AND SHEAR BLOCKS MAY BE NOTCHED TO ALLOW FOR ANCHOR CLEARANCE.
3. REFER TO INSTALLATION ANCHOR REQUIREMENTS FOR MINIMUM EDGE DISTANCES (E.D.), EMBEDMENTS (EMBED), & PROPERTIES OF OPENING SUBSTRATE



HALFEN USA 3817 HTA
SERIES ANCHOR CHANNEL
HT3512 FOR USE W/
F-ANCHORS

CONCRETE SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS

EXTERIOR VIEW

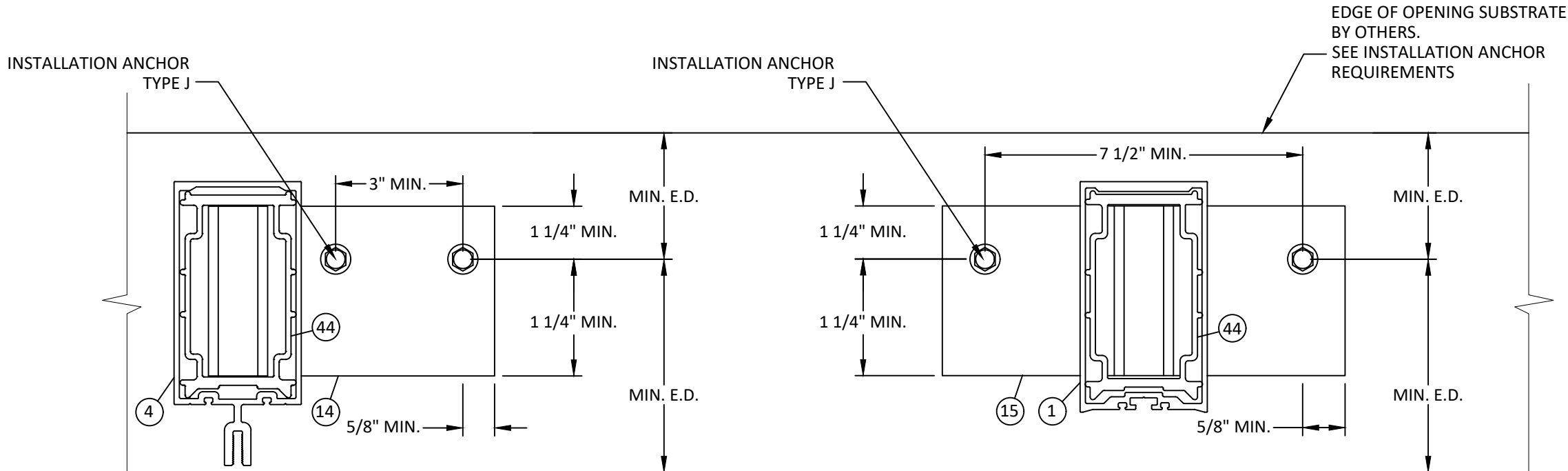


HALFEN USA 5234 HTA SERIES
ANCHOR CHANNEL,
HT 6112, FOR USE W/ T-ANCHORS

CONCRETE SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS

EXTERIOR VIEW

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11 HORIZONTAL SECTION

7.4

F-ANCHOR
CONFIG 1

12 HORIZONTAL SECTION

7.4

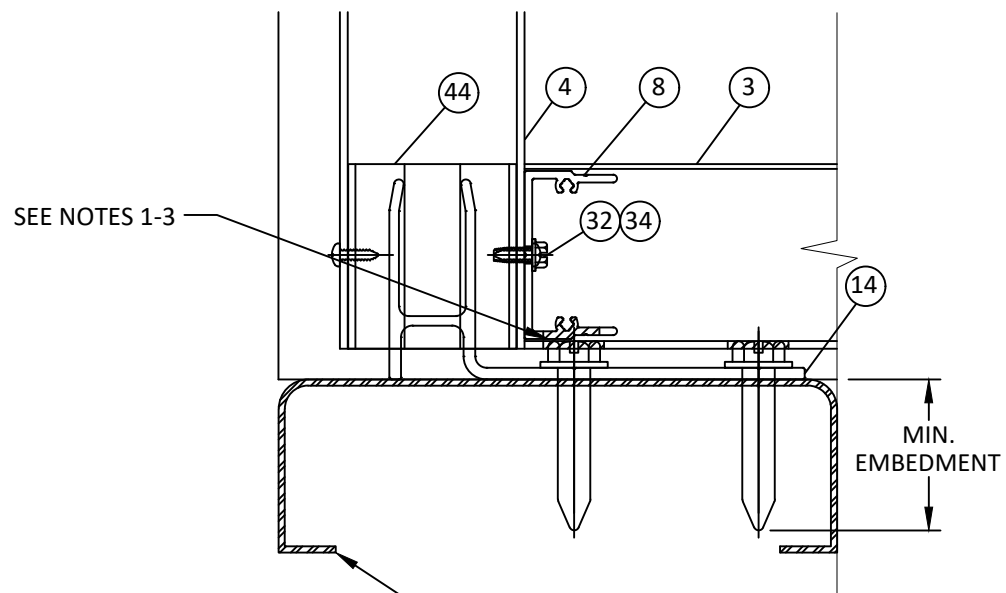
T-ANCHOR
CONFIG 1

NOTE:

- 5-1/4" DEPTH SHOWN, 8" DEPTH SIMILAR WITH #77 AND #78 END ANCHORS.

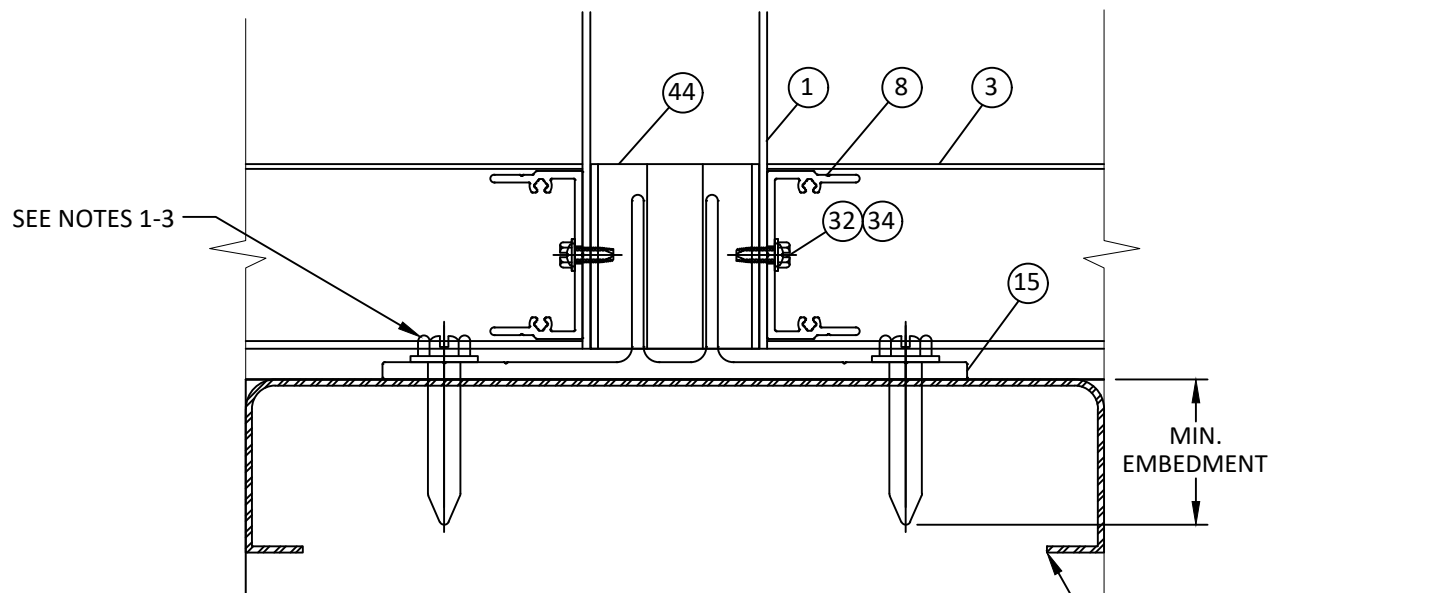
NOTE:

- ANCHORS SHOWN HEREIN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL ANCHOR IDENTIFICATION SHALL BE PER ANCHOR MANUFACTURERS INSTALLATION INSTRUCTIONS
- ANCHOR BOLT EXTENSIONS MAY BE CLIPPED TO T.O. HEX NUT AND SHEAR BLOCKS MAY BE NOTCHED TO ALLOW FOR ANCHOR CLEARANCE.
- REFER TO INSTALLATION ANCHOR REQUIREMENTS FOR MINIMUM EDGE DISTANCES (E.D.), EMBEDMENTS (EMBED), & PROPERTIES OF OPENING SUBSTRATE, SECTION 7.0.



EXTERIOR VIEW

F-ANCHOR (TYPICAL)



EXTERIOR VIEW

T-ANCHOR (TYPICAL)



YKK AP AMERICA

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

F & T - ANCHOR DETAILS

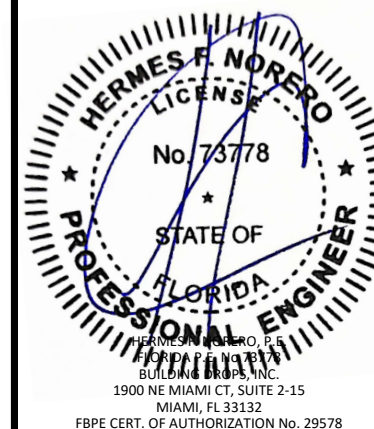
PREPARED BY: BUILDING DROPS, INC.

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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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FL #:

FL12456

DATE: 07.18.17

DWG. BY: AR/RV
CHK. BY: HFN

SCALE: NTS

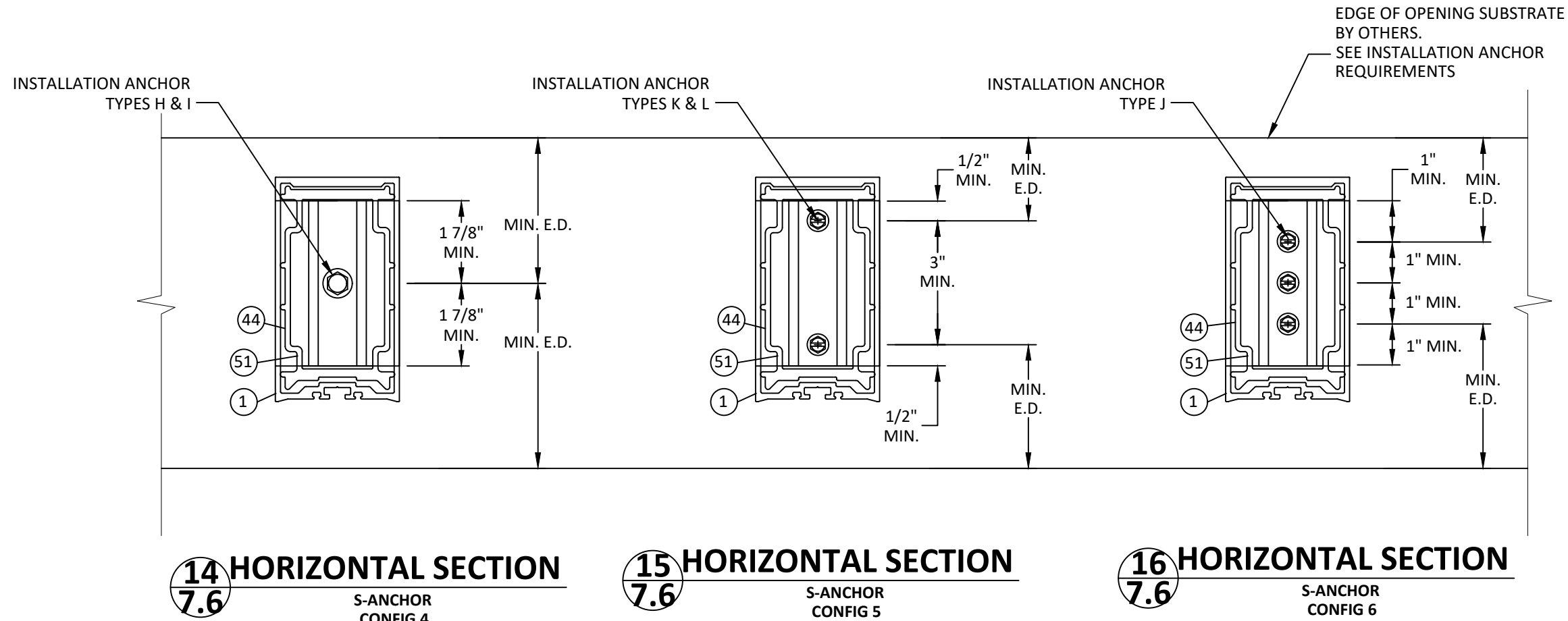
DWG. #: YKK208

SECTION:

7.4

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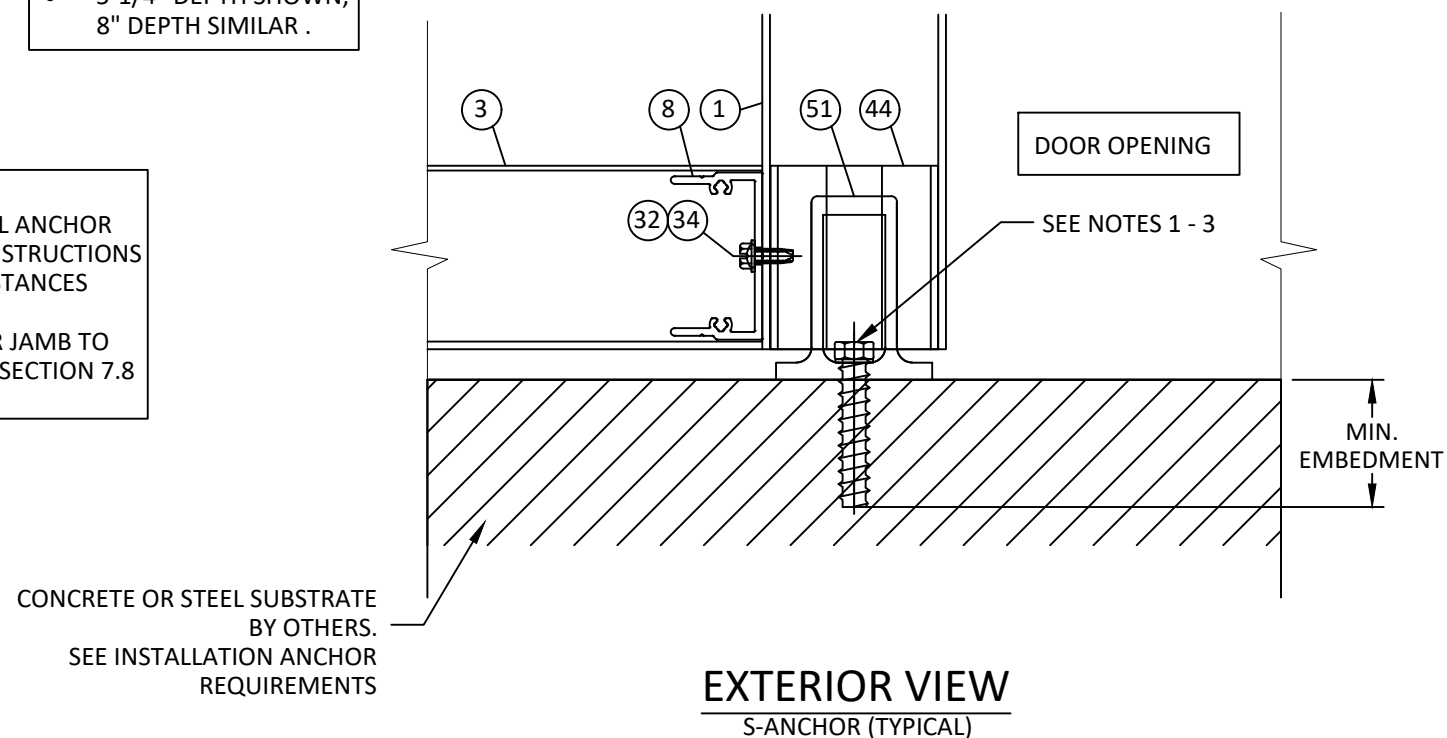
S ANCHOR DETAILS



NOTE:

- 5-1/4" DEPTH SHOWN,
8" DEPTH SIMILAR .

- NOTE:
1. ANCHORS SHOWN HEREIN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL ANCHOR IDENTIFICATION SHALL BE PER ANCHOR MANUFACTURERS INSTALLATION INSTRUCTIONS
 2. REFER TO INSTALLATION ANCHOR REQUIREMENTS FOR MINIMUM EDGE DISTANCES (E.D.), EMBEDMENTS (EMBED), & PROPERTIES OF OPENING SUBSTRATE.
 3. ALTERNATIVELY, F-ANCHORS MAY BE USED IN LIEU OF S-ANCHORS AT DOOR JAMB TO SIDELITE LOCATIONS. REFER TO SECTIONS 7.1 THROUGH 7.4 FOR DETAILS & SECTION 7.8 FOR F-ANCHOR CAPACITIES.



YKK AP AMERICA

1229 HWY 441 BYPASS

DUBLIN, GEORGIA 31021

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

S - ANCHOR DETAILS

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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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FL #: _____

FL12456

DATE: 07.18.17

DWG. BY: AR/RV	CHK. BY: HFN
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SCALE: NTS

DWG. #: YKK208

SECTION: _____

7.6

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[illegible]

1. REFER TO SECTION 7.0 THRU 7.6 FOR DETAILS OF ANCHOR REQUIREMENTS. AND DETERMINING MAX. SPAN 'H' AND TRIBUTARY WIDTHS 'W'



SINGLE SPAN & MULTI SPAN
F ANCHOR CAPACITIES WHEN USED AT DOOR JAMB TO SIDELITE LOCATIONS

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)																
WIDTH 'W' (in.)	SPAN 'H' (in.)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
36	84	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
45		85.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	85.7	85.7	90.0	90.0	85.7
48		80.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	80.4	80.4	90.0	90.0	80.4
51		75.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	75.6	75.6	90.0	90.0	75.6
54		71.4	90.0	89.3	90.0	90.0	90.0	90.0	86.0	90.0	90.0	71.4	71.4	90.0	90.0	71.4
57		67.7	90.0	84.6	90.0	90.0	90.0	90.0	81.5	90.0	90.0	67.7	67.7	90.0	90.0	67.7
60	90	64.3	90.0	80.4	90.0	90.0	90.0	90.0	77.4	90.0	90.0	64.3	64.3	90.0	90.0	64.3
36		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
42		85.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	85.7	85.7	90.0	90.0	85.7
45		80.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	80.0	80.0	90.0	90.0	80.0
48		75.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	75.0	75.0	90.0	90.0	75.0
51		70.6	90.0	88.2	90.0	90.0	90.0	90.0	85.0	90.0	90.0	70.6	70.6	90.0	90.0	70.6
54		66.7	90.0	83.3	90.0	90.0	90.0	90.0	80.3	90.0	90.0	66.7	66.7	90.0	90.0	66.7
57	96	63.2	90.0	78.9	90.0	90.0	90.0	90.0	76.0	90.0	90.0	63.2	63.2	90.0	90.0	63.2
60		60.0	90.0	75.0	90.0	90.0	90.0	90.0	72.2	90.0	90.0	60.0	60.0	90.0	90.0	60.0
36		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
39		86.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.5	86.5	90.0	90.0	86.5
42		80.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	80.4	80.4	90.0	90.0	80.4
45		75.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	75.0	75.0	90.0	90.0	75.0
48		70.3	90.0	87.9	90.0	90.0	90.0	90.0	84.7	90.0	90.0	70.3	70.3	90.0	90.0	70.3
51		66.2	90.0	82.7	90.0	90.0	90.0	90.0	79.7	90.0	90.0	66.2	66.2	90.0	90.0	66.2
54	102	62.5	90.0	78.1	90.0	90.0	90.0	90.0	75.3	90.0	90.0	62.5	62.5	90.0	90.0	62.5
57		59.2	90.0	74.0	90.0	90.0	90.0	90.0	71.3	90.0	90.0	59.2	59.2	90.0	90.0	59.2
60		56.3	90.0	70.3	90.0	90.0	90.0	90.0	67.7	90.0	90.0	56.3	56.3	90.0	90.0	56.3
36		88.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	88.2	88.2	90.0	90.0	88.2
39		81.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	81.4	81.4	90.0	90.0	81.4
42		75.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	75.6	75.6	90.0	90.0	75.6
45		70.6	90.0	88.2	90.0	90.0	90.0	90.0	85.0	90.0	90.0	70.6	70.6	90.0	90.0	70.6
48		66.2	90.0	82.7	90.0	90.0	90.0	90.0	79.7	90.0	90.0	66.2	66.2	90.0	90.0	66.2
51	108	62.3	90.0	77.9	90.0	90.0	90.0	90.0	75.0	90.0	90.0	62.3	62.3	90.0	90.0	62.3
54		58.8	90.0	73.5	90.0	90.0	90.0	90.0	70.8	90.0	90.0	58.8	58.8	90.0	90.0	58.8
57		55.7	90.0	69.7	90.0	90.0	90.0	90.0	66.4	90.0	90.0	55.7	55.7	90.0	90.0	55.7
60		52.9	90.0	66.2	90.0	90.0	90.0	90.0	63.7	90.0	90.0	52.9	52.9	90.0	90.0	52.9
36		83.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.3	83.3	90.0	90.0	83.3
39		76.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	76.9	76.9	90.0	90.0	76.9
42		71.4	90.0	89.3	90.0	90.0	90.0	90.0	86.0	90.0	90.0	71.4	71.4	90.0	90.0	71.4
45		66.7	90.0	83.3	90.0	90.0	90.0	90.0	80.3	90.0	90.0	66.7	66.7	90.0	90.0	66.7
48	114	62.5	90.0	78.1	90.0	90.0	90.0	90.0	75.3	90.0	90.0	62.5	62.5	90.0	90.0	62.5
51		58.8	90.0	73.5	90.0	90.0	90.0	90.0	70.8	90.0	90.0	58.8	58.8	90.0	90.0	58.8
54		55.6	90.0	69.4	90.0	90.0	90.0	90.0	66.9	90.0	90.0	55.6	55.6	90.0	90.0	55.6
57		52.6	90.0	65.8	90.0	90.0	90.0	90.0	63.4	90.0	90.0	52.6	52.6	90.0	90.0	52.6
60		50.0	90.0	62.5	90.0	90.0	90.0	90.0	60.2	90.0	90.0	50.0	50.0	90.0	90.0	50.0
36		78.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	78.9	78.9	90.0	90.0	78.9
39		72.9	90.0	90.0	90.0	90.0	90.0	90.0	87.7	90.0	90.0	72.9	72.9	90.0	90.0	72.9
42		67.7	90.0	84.6	90.0	90.0	90.0	90.0	81.5	90.0	90.0	67.7	67.7	90.0	90.0	67.7
45		63.2	90.0	78.9	90.0	90.0	90.0	90.0	76.0	90.0	90.0	63.2	63.2	90.0	90.0	63.2
48		59.2	90.0	74.0	90.0	90.0	90.0	90.0	71.3	90.0	90.0	59.2	59.2	90.0	90.0	59.2
51		55.7	90.0	69.7	90.0	90.0	90.0	90.0	66.4	90.0	90.0	55.7	55.7	90.0	90.0	55.7
54		52.6	90.0	65.8	90.0	90.0	90.0	90.0	63.4	90.0	90.0	52.6	52.6	90.0	90.0	52.6
57		49.9	90.0	62.3	90.0	90.0	90.0	90.0	60.2	90.0	90.0	49.9	49.9	90.0	90.0	49.9
60		47.4	85.6	59.2	85.5	85.5	85.6	73.4	57.0	78.9	73.4	47.4	47.4	85.6	90.0	47.4

NOTE:

1. REFER TO SECTIONS 7.0 THRU 7.6 FOR DETAILS OF ANCHOR REQUIREMENTS. AND DETERMINING MAX. SPAN 'H' AND TRIBUTARY WIDTHS 'W'
2. SEE SECTION 2, TWIN SPAN ELEVATION FOR LOCATION OF F-ANCHOR WHEN USED AT VERTICAL MULLION BETWEEN DOOR AND D.L.O.

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)																
WIDTH 'W' (in.)	SPAN 'H' (in.)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
36	120	75.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	75.0	75.0	90.0	90.0	75.0
39		69.2	90.0	86.5	90.0	90.0	90.0	90.0	83.4	90.0	90.0	69.2	69.2	90.0	90.0	69.2
42		64.3	90.0	80.4	90.0	90.0	90.0	90.0	77.4	90.0	90.0	64.3	64.3	90.0	90.0	64.3
45		60.0	90.0	75.0	90.0	90.0	90.0	90.0	72.2	90.0	90.0	60.0	60.0	90.0	90.0	60.0
48		56.3	90.0	70.3	90.0	90.0	90.0	90.0	67.7	90.0	87.2	56.3	56.3	90.0	90.0	56.3
51		52.9	90.0	66.2	90.0	90.0	90.0	90.0	62.1	63.7	88.2	52.9	52.9	90.0	90.0	52.9
54		50.0	90.0	62.5	90.0	90.0	90.0	90.0	60.2	60.2	83.3	50.0	50.0	90.0	90.0	50.0
57		47.4	85.6	59.2	85.5	85.5	85.6	73.4	57.0	78.9	73.4	47.4	47.4	85.6	90.0	47.4
60	126	45.0	81.3	56.3	81.3	81.3	81.3	69.8	54.2	75.0	69.8	45.0	45.0	81.3	90.0	45.0
36		71.4	90.0	89.3	90.0	90.0	90.0	90.0	86.0	90.0	90.0	71.4	71.4	90.0	90.0	71.4
39		65.9	90.0	82.4	90.0	90.0	90.0	90.0	79.4	90.0	90.0	65.9	65.9	90.0	90.0	65.9
42		61.2	90.0	76.5	90.0	90.0	90.0	90.0	73.7	90.0	90.0	61.2	61.2	90.0	90.0	61.2
45		57.1	90.0	71.4	90.0	90.0	90.0	90.0	68.8	90.0	90.0	57.1	57.1	90.0	90.0	57.1
48		53.6	90.0	67.0	90.0	90.0	90.0	90.0	64.5	89.3	83.0	53.6	53.6	90.0	90.0	53.6
51		50.4	90.0	63.0	90.0	90.0	90.0	90.0	60.7	84.0	78.2	50.4	50.4	90.0	90.0	50.4
54		47.6	86.0	59.5	86.0	86.0	86.0	73.8	57.3	79.4	73.8	47.6	47.6	86.0	90.0	47.6
36	132	68.2	90.0	85.2	90.0	90.0	90.0	90.0	82.1	90.0	90.0	68.2	68.2	90.0	90.0	68.2
39		62.9	90.0	78.7	90.0	90.0	90.0	90.0	75.8	90.0	90.0	62.9	62.9	90.0	90.0	62.9
42		58.4	90.0	73.1	90.0	90.0	90.0	90.0	70.4	90.0	90.0	58.4	58.4	90.0	90.0	58.4
45		54.5	90.0	68.2	90.0	90.0	90.0	90.0	65.7	90.0	90.0	54.5	54.5	90.0	90.0	54.5
48		51.1	90.0	63.9	90.0	90.0	90.0	90.0	61.6	85.2	79.3	51.1	51.1	90.0	90.0	51.1
51		48.1	86.9	60.2	86.9	86.9	86.9	74.6	57.9	80.2	74.6	48.1	48.1	86.9	90.0	48.1
54		45.5	82.1	56.8	82.1	82.1	82.1	70.5	54.7	75.8	70.5	45.5	45.5	82.1	90.0	45.5
36		65.2	90.0	81.5	90.0	90.0	90.0	90.0	78.5	90.0	90.0	65.2	65.2	90.0	90.0	65.2
39	138	60.2	90.0	75.3	90.0	90.0	90.0	90.0	72.5	90.0	90.0	60.2	60.2	90.0	90.0	60.2
42		55.9	90.0	69.9	90.0	90.0	90.0	90.0	66.3	90.0	90.0	55.9	55.9	90.0	90.0	55.9
45		52.2	90.0	65.2	90.0	90.0	90.0	90.0	60.9	62.8	87.0	52.2	52.2	90.0	90.0	52.2
48		48.9	88.3	61.1	88.3	88.3	88.3	75.8	58.9	81.5	75.8	48.9	48.9	88.3	90.0	48.9
36	144	62.5	90.0	78.1	90.0	90.0	90.0	90.0	75.3	90.0	90.0	62.5	62.5	90.0	90.0	62.5
39		57.7	90.0	72.1	90.0	90.0	90.0	90.0	69.5	90.0	89.4	57.7	57.7	90.0	90.0	57.7
42		53.6	90.0	67.0	90.0	90.0	90.0	90.0	63.0	64.5	89.3	53.6	53.6	90.0	90.0	53.6
45		50.0	90.0	62.5	90.0	90.0	90.0	90.0	60.2	60.2	83.3	50.0	50.0	90.0	90.0	50.0
36	150	46.9	84.7	58.6	84.6	84.6	84.7	72.7	56.4	78.1	72.7	46.9	46.9	84.7	90.0	46.9
39		60.0	90.0	75.0	90.0	90.0	90.0	90.0	72.2	90.0	90.0	60.0	60.0	90.0	90.0	60.0
42		55.4	90.0	69.2	90.0	90.0	90.0	90.0	66.7	90.0	85.8	55.4	55.4	90.0	90.0	55.4
45		51.4	90.0	64.3	90.0	90.0	90.0	90.0	61.9	85.7	79.7	51.4	51.4	90.0	90.0	51.4
48		48.0	86.7	60.0	86.7	86.7	86.7	74.4	57.8	80.0	74.4	48.0	48.0	86.7	90.0	48.0
51		45.0	81.3	56.3	81.3	81.3	81.3	69.8	54.2	75.0	69.8	45.0	45.0	81.3	90.0	45.0
54		42.1	77.0	52.9	77.0	77.0	77.0	65.2	49.6	70.0	65.2	42.1	42.1	77.0	90.0	42.1
60		36.0	60.0	45.0	60.0	60.0	60.0	48.0	36.0	48.0	48.0	36.0	36.0	60.0	90.0	36.0

SINGLE SPAN & MULTI SPAN
S ANCHOR CAPACITIES

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)						
WIDTH 'W' (in.)	SPAN 'H' (in.)	H	I	J	K	L
36	84	90.0	90.0	90.0	42.9	90.0
39		90.0	90.0	90.0	39.6	90.0
42		90.0	90.0	90.0	36.7	90.0
45		84.6	90.0	90.0	34.3	85.3
48		79.3	90.0	90.0	32.1	80.0
51		74.6	90.0	90.0	30.3	75.3
54		70.5	85.7	90.0	28.6	71.1
57		66.8	81.2	90.0	27.1	67.4
60		63.4	77.1	90.0	25.7	64.0
36		90.0	90.0	90.0	40.0	90.0
39	90	90.0	90.0	90.0	36.9	90.0
42		84.6	90.0	90.0	34.3	85.3
45		78.9	90.0	90.0	32.0	79.6
48		74.0	90.0	90.0	30.0	74.7
51		69.6	84.7	90.0	28.2	70.3
54		65.8	80.0	90.0	26.7	66.4
57		62.3	75.8	90.0	25.3	62.9
60		59.2	72.0	89.8	24.0	59.7
36		90.0	90.0	90.0	37.5	90.0
39		85.4	90.0	90.0	34.6	86.2
42	96	79.3	90.0	90.0	32.1	80.0
45		74.0	90.0	90.0	30.0	74.7
48		69.4	84.4	90.0	28.1	70.0
51		65.3	79.4	90.0	26.5	65.9
54		61.7	75.0	90.0	25.0	62.2
57		58.4	71.1	88.6	23.7	58.9
60		55.5	67.5	84.2	22.5	56.0
36		87.1	90.0	90.0	35.3	87.8
39		80.4	90.0	90.0	32.6	81.1
42		74.6	90.0	90.0	30.3	75.3
45	102	69.6	84.7	90.0	28.2	70.3
48		65.3	79.4	90.0	26.5	65.9
51		61.5	74.7	90.0	24.9	62.0
54		58.0	70.6	88.0	23.5	58.6
57		55.0	66.9	83.4	22.3	55.5
60		52.2	63.5	79.2	21.2	52.7
36		82.2	90.0	90.0	33.3	83.0
39		75.9	90.0	90.0	30.8	76.6
42		70.5	85.7	90.0	28.6	71.1
45		65.8	80.0	90.0	26.7	66.4
48	108	61.7	75.0	90.0	25.0	62.2
51		58.0	70.6	88.0	23.5	58.6
54		54.8	66.7	83.1	22.2	55.3
57		51.9	63.2	78.7	21.1	52.4
60		49.3	60.0	74.8	20.0	49.8
36		77.9	90.0	90.0	31.6	78.6
39		71.9	87.4	90.0	29.1	72.6
42		66.8	81.2	90.0	27.1	67.4
45		62.3	75.8	90.0	25.3	62.9
48		58.4	71.1	88.6	23.7	58.9
51	114	55.0	66.9	83.4	22.3	55.5
54		51.9	63.2	78.7	21.1	52.4
57		49.2	59.8	74.6	19.9	49.6
60		46.7	56.8	70.9	18.9	47.2

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)						
WIDTH 'W' (in.)	SPAN 'H' (in.)	H	I	J	K	L
36	120	74.0	90.0	90.0	30.0	74.7
39		68.3	83.1	90.0	27.7	68.9
42		63.4	77.1	90.0	25.7	64.0
45		59.2	72.0	89.8	24.0	59.7
48		55.5	67.5	84.2	22.5	56.0
51		52.2	63.5	79.2	21.2	52.7
54		49.3	60.0	74.8	20.0	49.8
57		46.7	56.8	70.9	18.9	47.2
60		44.4	54.0	67.3	18.0	44.8
36	126	70.5	85.7	90.0	28.6	71.1
39		65.1	79.1	90.0	26.4	65.6
42		60.4	73.5	90.0	24.5	61.0
45		56.4	68.6	85.5	22.9	56.9
48		52.9	64.3	80.1	21.4	53.3
51		49.7	60.5	75.4	20.2	50.2
54		47.0	57.1	71.2	19.0	47.4
36	132	67.3	81.8	90.0	27.3	67.9
39		62.1	75.5	90.0	25.2	62.7
42		57.7	70.1	87.4	23.4	58.2
45		53.8	65.5	81.6	21.8	54.3
48		50.5	61.4	76.5	20.5	50.9
51		47.5	57.8	72.0	19.3	47.9
54		44.8	54.5	68.0	18.2	45.3
36	138	64.3	78.3	90.0	26.1	64.9
39		59.4	72.2	90.0	24.1	59.9
42		55.2	67.1	83.6	22.4	55.7
45		51.5	62.6	78.1	20.9	51.9
48		48.3	58.7	73.2	19.6	48.7
36	144	61.7	75.0	90.0	25.0	62.2
39		56.9	69.2	86.3	23.1	57.4
42		52.9	64.3	80.1	21.4	53.3
45		49.3	60.0	74.8	20.0	49.8
48		46.3	56.3	70.1	18.8	46.7
36	150	59.2	72.0	89.8	24.0	59.7
39		54.6	66.5	82.9	22.2	55.1
42		50.7	61.7	76.9	20.6	51.2
45		47.4	57.6	71.8	19.2	47.8
48		44.4	54.0	67.3	18.0	44.8

NOTE:

1. REFER TO SECTION 7.0 THRU 7.6 FOR DETAILS OF ANCHOR REQUIREMENTS. AND DETERMINING MAX. SPAN 'H' AND TRIBUTARY WIDTHS 'W'
2. SEE SECTION 2, TWIN SPAN ELEVATION FOR LOCATION OF F-ANCHOR WHEN USED AT VERTICAL MULLION BETWEEN DOOR AND D.L.O.



YKK AP AMERICA

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

S - ANCHOR CAPACITY TABLE

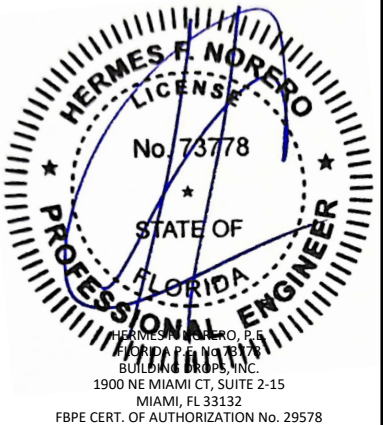
PREPARED BY: BUILDING DROPS, INC.

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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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



FL #:
FL12456

DATE: 07.18.17

DWG. BY: AR/RV
CHK. BY: HFN

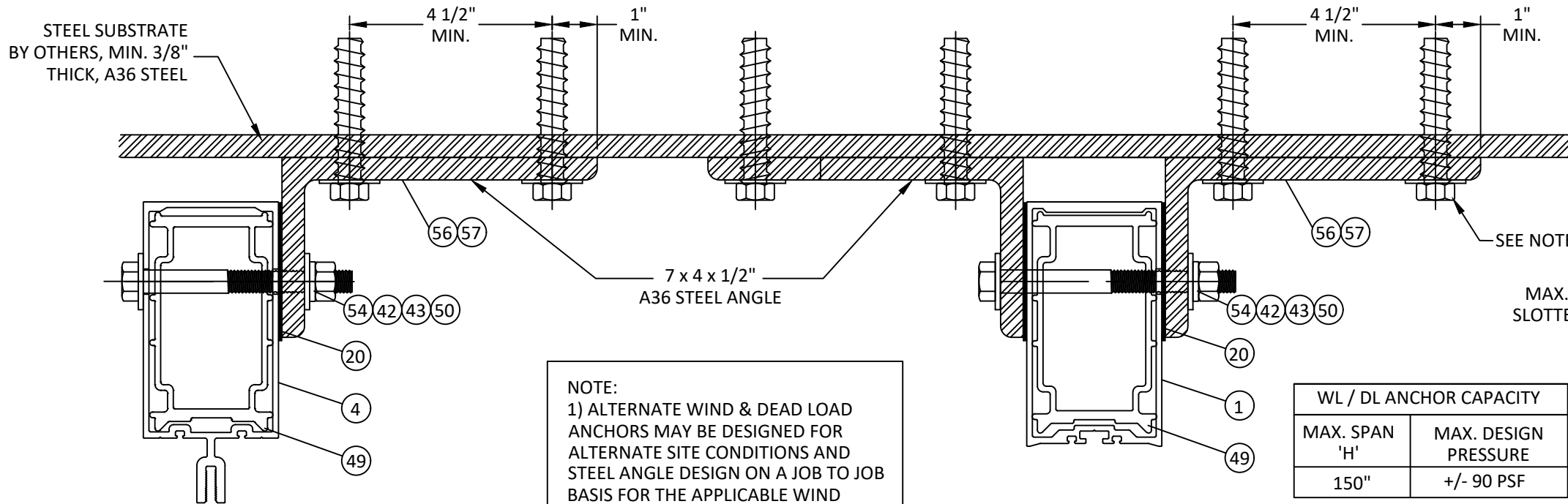
SCALE: NTS

DWG. #: YKK208

SECTION:

7.9

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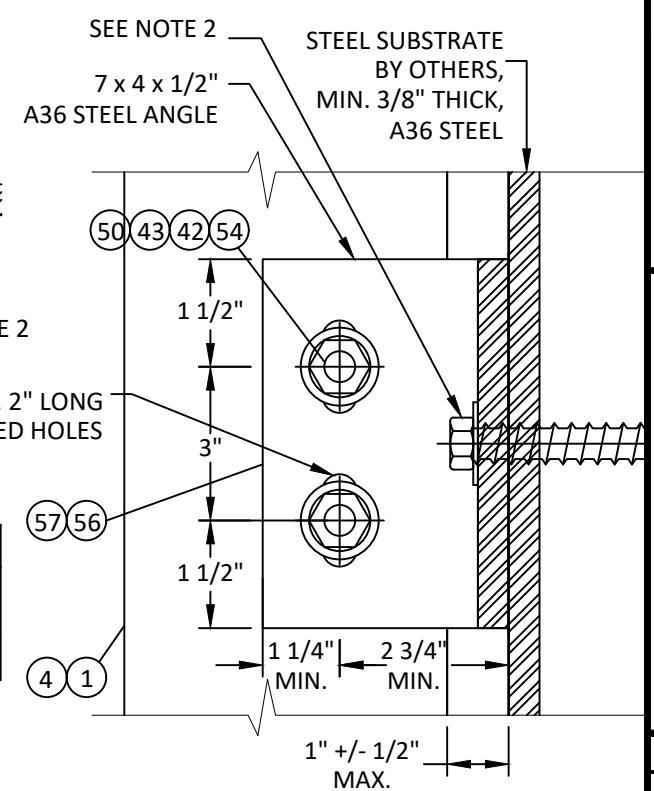


20 HORIZONTAL SECTION

8.1 WIND/DEAD LOAD ANCHOR AT JAMB

21 HORIZONTAL SECTION

8.1 WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION

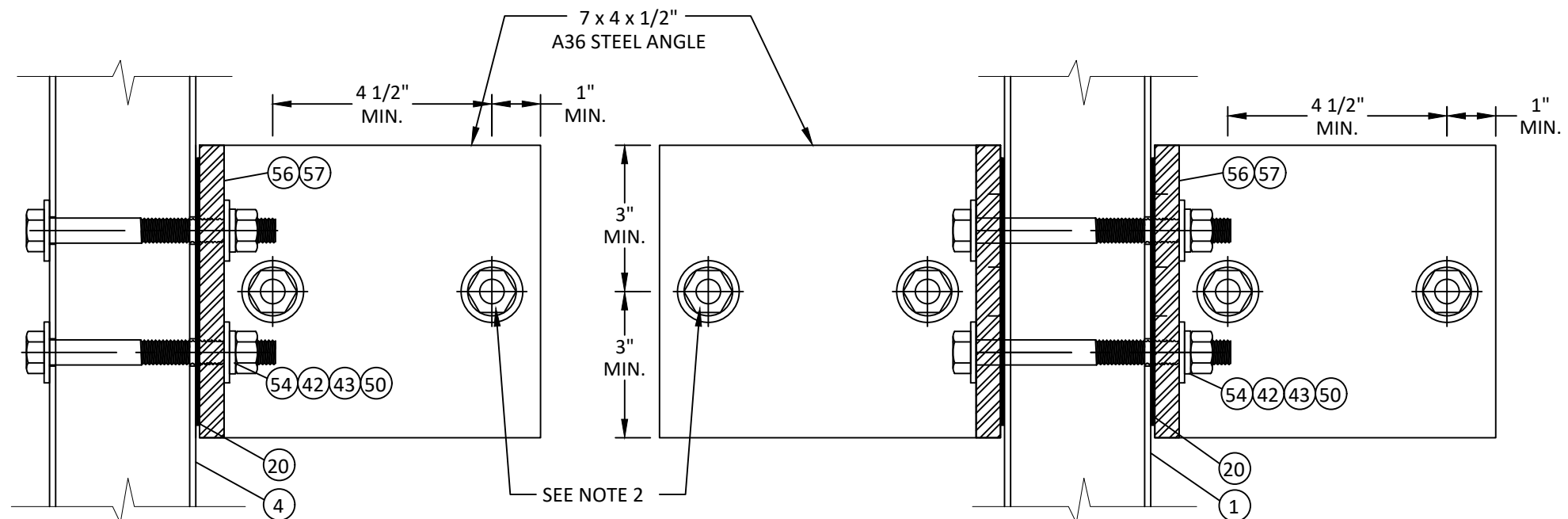


VERTICAL SECTION

WIND LOAD ANCHOR SHOWN (DEAD LOAD ANCHOR SIMILAR)

AT STEEL SUBSTRATE

LOW / STANDARD PRESSURE CONNECTION



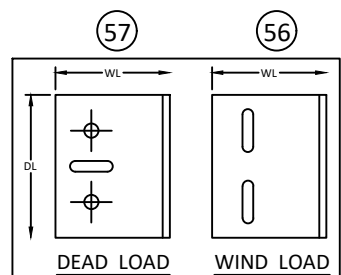
EXTERIOR VIEW

WIND/DEAD LOAD ANCHOR AT JAMB

EXTERIOR VIEW

WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION

NOTE:
• 5-1/4" DEPTH SHOWN, 8" DEPTH SIMILAR.



WIND /DEAD LOAD ANCHOR NOTES:

- WIND/DEAD LOAD ANCHORS HAVE BEEN EVALUATED TO THE FOLLOWING:
 - WL = +/- 6,300 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - WL = +/- 3,150 LBS (UNFACTORED) @ SINGLE ANGLE SUPPORTS
 - MAX. SPAN = 12'-6"
 - MAX. TRIB WIDTH = 60"
- DEAD LOAD ANCHORS HAVE BEEN EVALUATED TO THE FOLLOWING:
 - DL = 1,219 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - DL SHALL BE DETERMINED BY ENGINEER OF RECORD.
- (2) 1/2" HH GR. 5 OR ASTM A325 THREADED BOLTS PER ANGLE
 - MIN. FULL ENGAGEMENT WITH NUT & WASHER OR
 - THREADED INTO TAPED HOLE W/ MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE
 - MIN. 1 1/2" EDGE DISTANCE



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

TITLE: YHC - 300 SSG (INSULATING GLASS) CURTAIN WALL SYSTEM (HVHZ) (IMPACT)

WIND LOAD / DEAD LOAD ANCHOR DETAILS

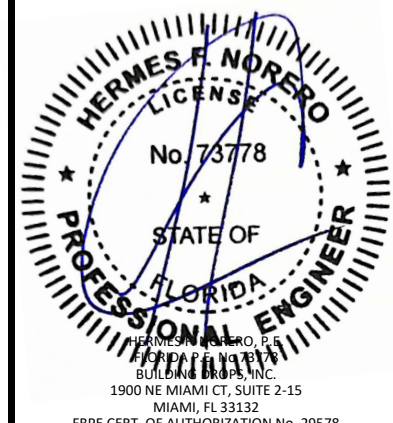
PREPARED BY: BUILDING DROPS, INC.

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



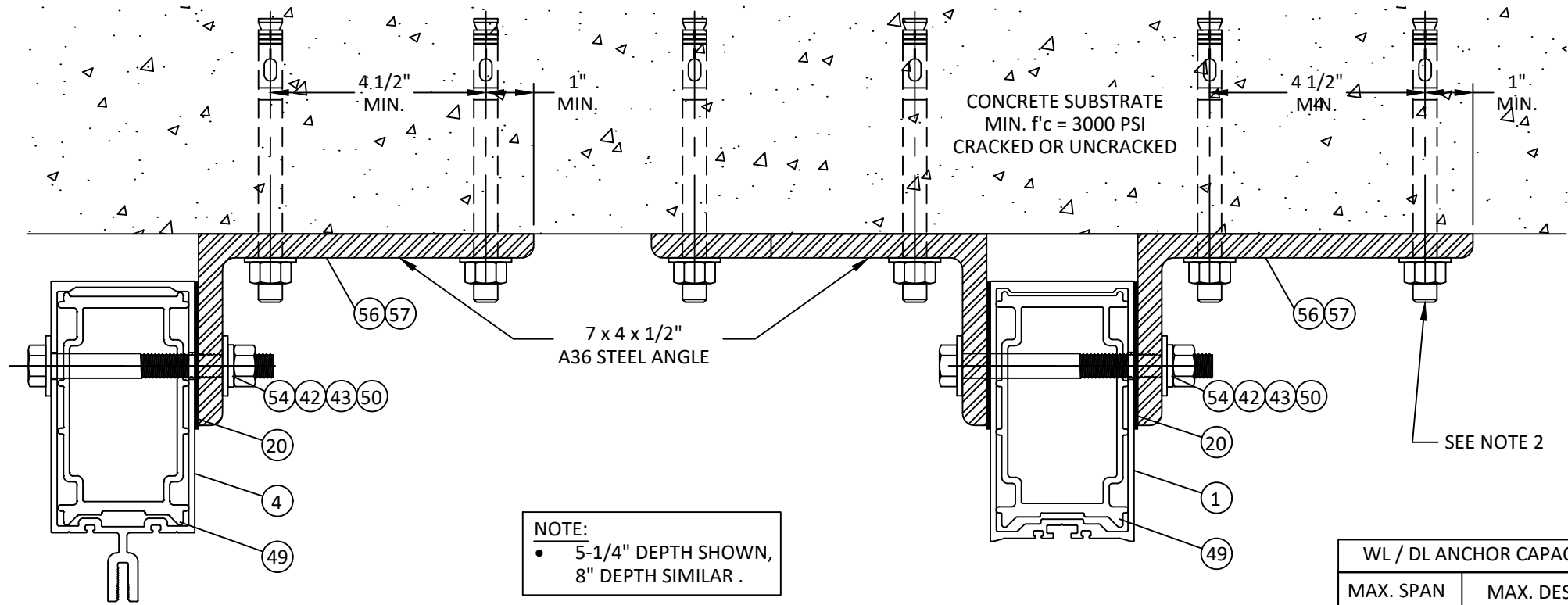
REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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



FL #:	FL12456
DATE:	07.18.17
DWG. BY:	AR/RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK208
SECTION:	8.1

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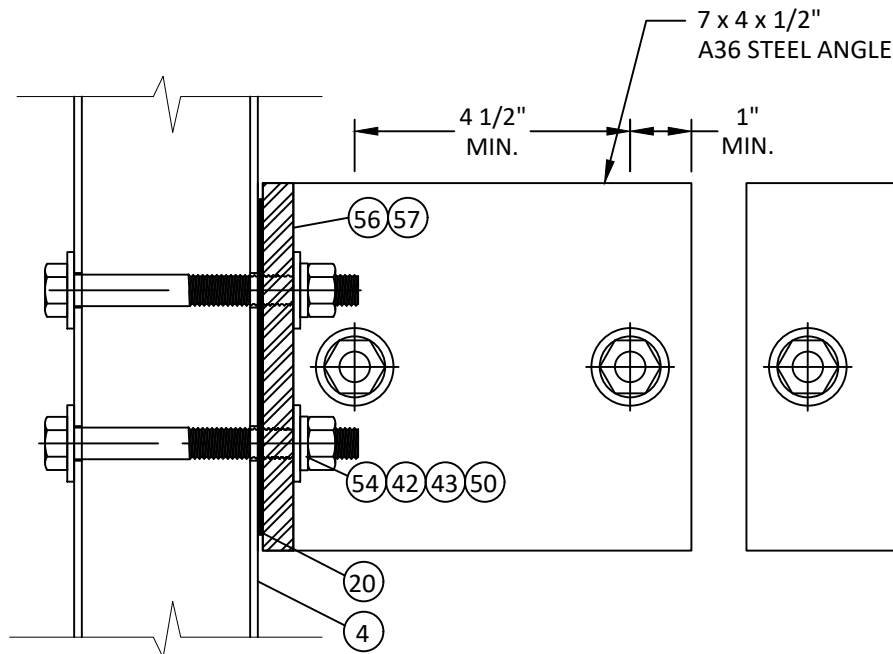


22 **8.2** **HORIZONTAL SECTION**
WIND/DEAD LOAD ANCHOR
AT JAMB

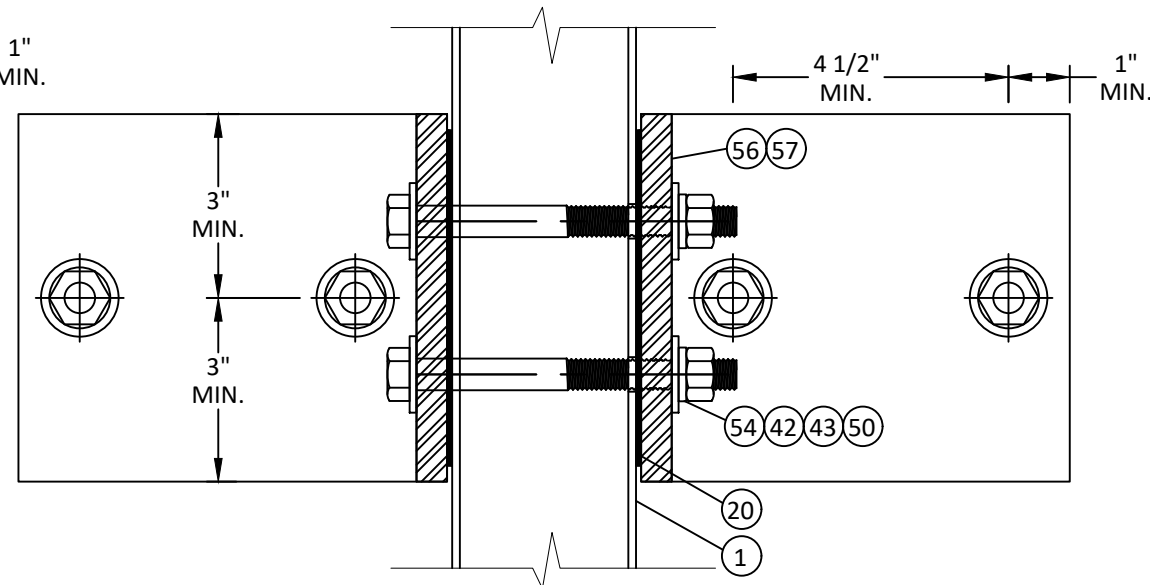
23 **8.2** **HORIZONTAL SECTION**
WIND/DEAD LOAD ANCHOR
AT VERTICAL MULLION

WL / DL ANCHOR CAPACITY	
MAX. SPAN 'H'	MAX. DESIGN PRESSURE
150"	+/- 90 PSF

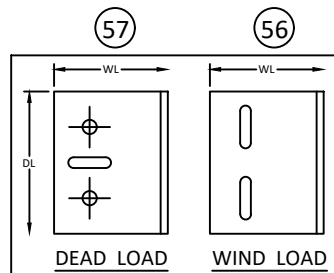
- WIND LOAD ANCHOR NOTES:
- WIND LOAD ANCHORS HAVE BEEN EVALUATED TO THE FOLLOWING:
 - WL = +/- 6,500 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - WL = +/- 3,250 LBS (UNFACTORED) @ SINGLE ANGLE SUPPORTS
 - MAX. SPAN = 12'-6"
 - MAX. TRIB WIDTH = 60"
 - (2) 1/2" HILTI KWIKBOLT TZ PER ANGLE
 - MIN. EMBEDMENT = 3 1/4"
 - MIN. C.C. SPACING = 4 1/2"
 - MIN. EDGE DISTANCE = 4"
 - MIN. 4000 PSI CONCRETE(2) 1/2" DEWALT SCREW-BOLT+ PER ANGLE
 - MIN. EMBEDMENT = 4 1/4"
 - MIN. C.C. SPACING = 4 1/2"
 - MIN. EDGE DISTANCE = 5"
 - MIN. 3000 PSI CONCRETE(2) 3/8" SIMPSON TITEN HD PER ANGLE
 - MIN. EMBEDMENT = 3 1/4"
 - MIN. C.C. SPACING = 4 1/2"
 - MIN. EDGE DISTANCE = 3 5/8"
 - MIN. 4000 PSI CONCRETE
 - FOR SLABS LESS THAN 8" IN THICKNESS, DESIGN MAY BE PROVIDED ON JOB TO JOB BASIS FOR REVIEW & APPROVAL BY AHJ



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR
AT JAMB

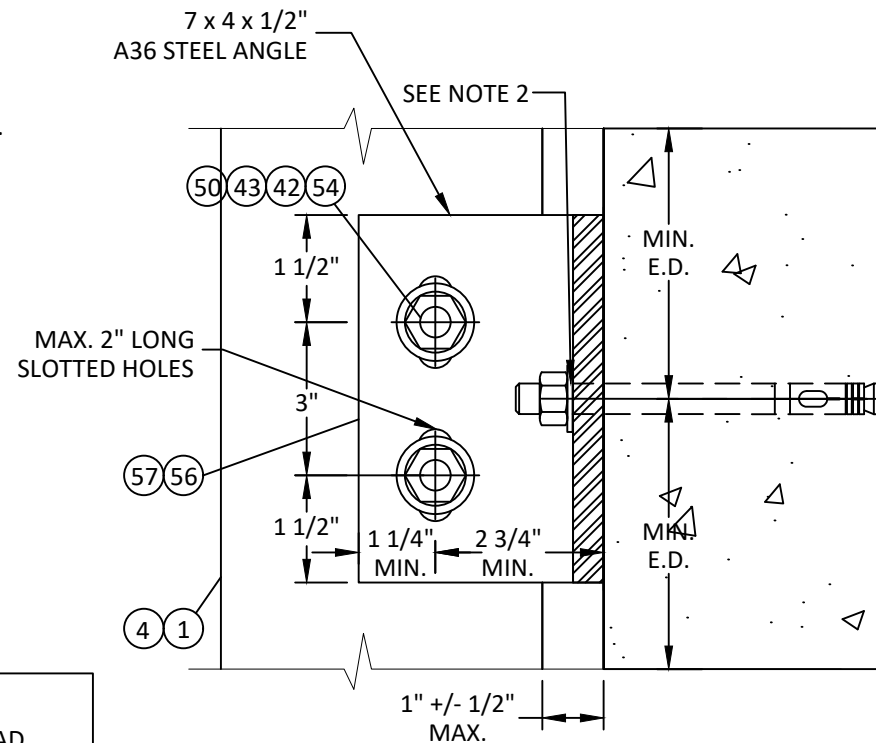


EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR
AT VERTICAL MULLION



- DEAD & WIND LOAD ANCHOR NOTES
- DEAD LOAD ANCHORS HAVE BEEN EVALUATED TO THE FOLLOWING:
 - DL = 1,219 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - DL SHALL BE DETERMINED BY ENGINEER OF RECORD.

NOTE:
1) ALTERNATE WIND & DEAD LOAD ANCHORS MAY BE DESIGNED FOR ALTERNATE SITE CONDITIONS AND STEEL ANGLE DESIGN ON A JOB TO JOB BASIS FOR THE APPLICABLE WIND LOADS AS DETERMINED IN ACCORDANCE WITH CH. 16 OF THE FLORIDA BLDG. CODE BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.



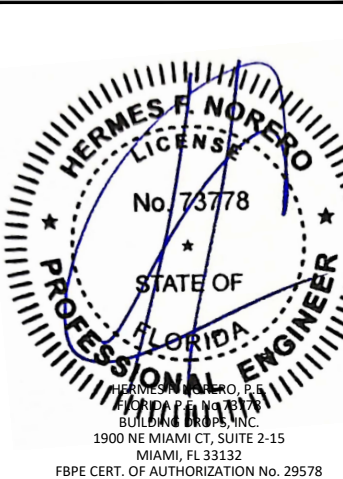
VERTICAL SECTION
WIND LOAD ANCHOR SHOWN
(DEAD LOAD ANCHOR SIMILAR)
AT CONCRETE SUBSTRATE
LOW/ STANDARD PRESSURE CONNECTION

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

TITLE: YHC - 300 SSG (INSULATING GLASS) CURTAIN WALL SYSTEM (HVHZ) (IMPACT)
WIND LOAD / DEAD LOAD ANCHOR DETAILS
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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

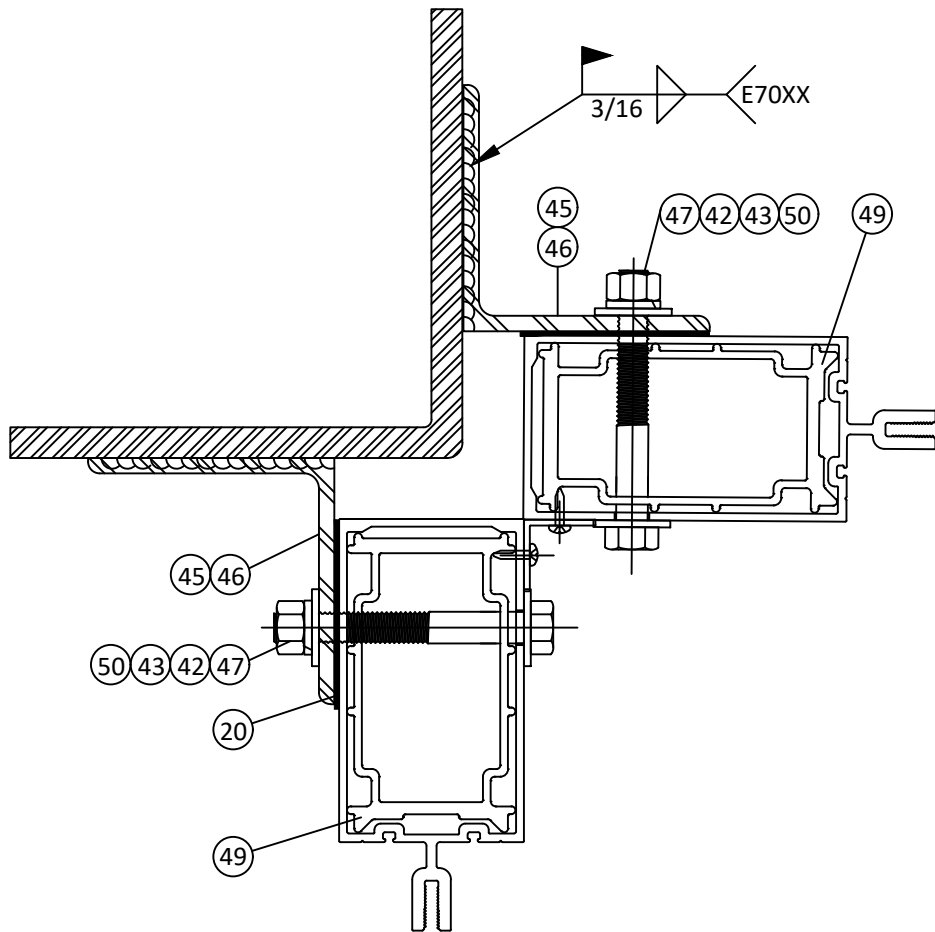
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #: **FL12456**
DATE: **07.18.17**
DWG. BY: **AR/RV** CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **YKK208**
SECTION:

8.2

c:\users\sebastian\hereros\building drops, inc\building drops landing - common\projects\ykk ap america, inc\fbc-21-1229-1 - fbc submittal - revisions\dwgs\apc - upload\fb12456\fig.ykk.208 - fl17111.dwg 8 - wind-dead load anchor.dtl.s.dwg 6/5/2026 9:02 AM



ALL ANGLES AND PLATES
TO BE A-36 STEEL
Fy = 36 KSI MIN.

WIND LOAD ANCHOR

WIND + DEAD LOAD ANCHOR

WL / DL ANCHOR CAPACITY

MAX. SPAN 'H'	MAX. DESIGN PRESSURE
150"	+/- 90 PSF

NOTE:
1) ALTERNATE WIND & DEAD LOAD
ANCHORS MAY BE DESIGNED FOR
ALTERNATE SITE CONDITIONS AND
STEEL ANGLE DESIGN ON A JOB TO JOB
BASIS FOR THE APPLICABLE WIND
LOADS AS DETERMINED IN
ACCORDANCE WITH CH. 16 OF THE
FLORIDA BLDG. CODE BY A FLORIDA
REGISTERED PROFESSIONAL ENGINEER.

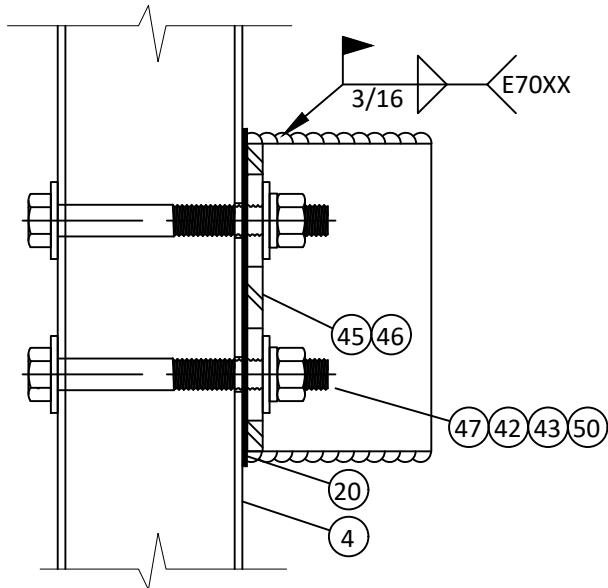
WIND LOAD & DEAD LOAD ANCHOR NOTES:

1. WIND/DEAD LOAD ANCHORS HAVE BEEN
EVALUATED TO THE FOLLOWING:
 - WL = +/- 6,300 LBS (UNFACTORED) AT
DOUBLE ANGLE SUPPORTS
 - WL = +/- 3,150 LBS (UNFACTORED) AT
SINGLE ANGLE SUPPORTS
 - MAX. SPAN = 12'-6"
 - MAX. TRIB WIDTH = 60"
2. DEAD LOAD ANCHORS HAVE BEEN
EVALUATED TO THE FOLLOWING:
 - DL = 1,219 LBS (UNFACTORED) @ DOUBLE
ANGLE SUPPORTS
 - DL SHALL BE DETERMINED BY ENGINEER OF
RECORD.

24 CORNER MULL. ANCH. 8.3

ANCHORS INTO METAL STRUCTURES
LOW/STANDARD PRESSURE MULL

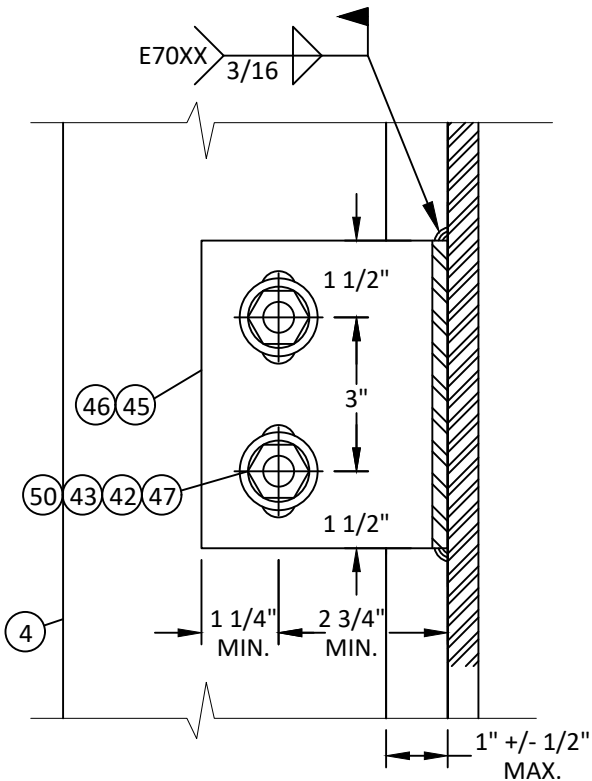
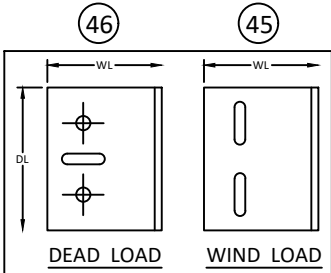
- NOTE:
- 5-1/4" DEPTH SHOWN,
8" DEPTH SIMILAR .



CORNER MULL FRONT VIEW

WIND/DEAD LOAD ANCHOR

AT STEEL SUBSTRATE
LOW / STANDARD PRESSURE CONNECTION



VERTICAL SECTION

WIND LOAD ANCHOR SHOWN
(DEAD LOAD ANCHOR SIMILAR)
AT STEEL SUBSTRATE
LOW / STANDARD PRESSURE CONNECTION



YKK AP AMERICA

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

WIND LOAD / DEAD LOAD
ANCHOR DETAILS

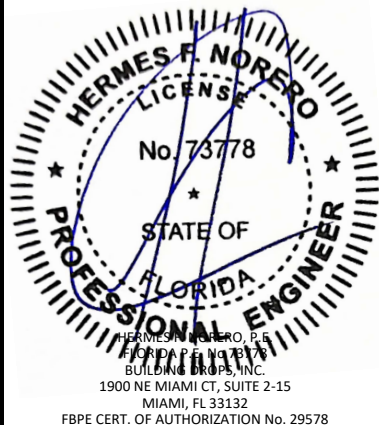
PREPARED BY: BUILDING DROPS, INC.

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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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



FL #:

FL12456

DATE: 07.18.17

DWG. BY:

AR/RV

CHK. BY:

HFN

SCALE:

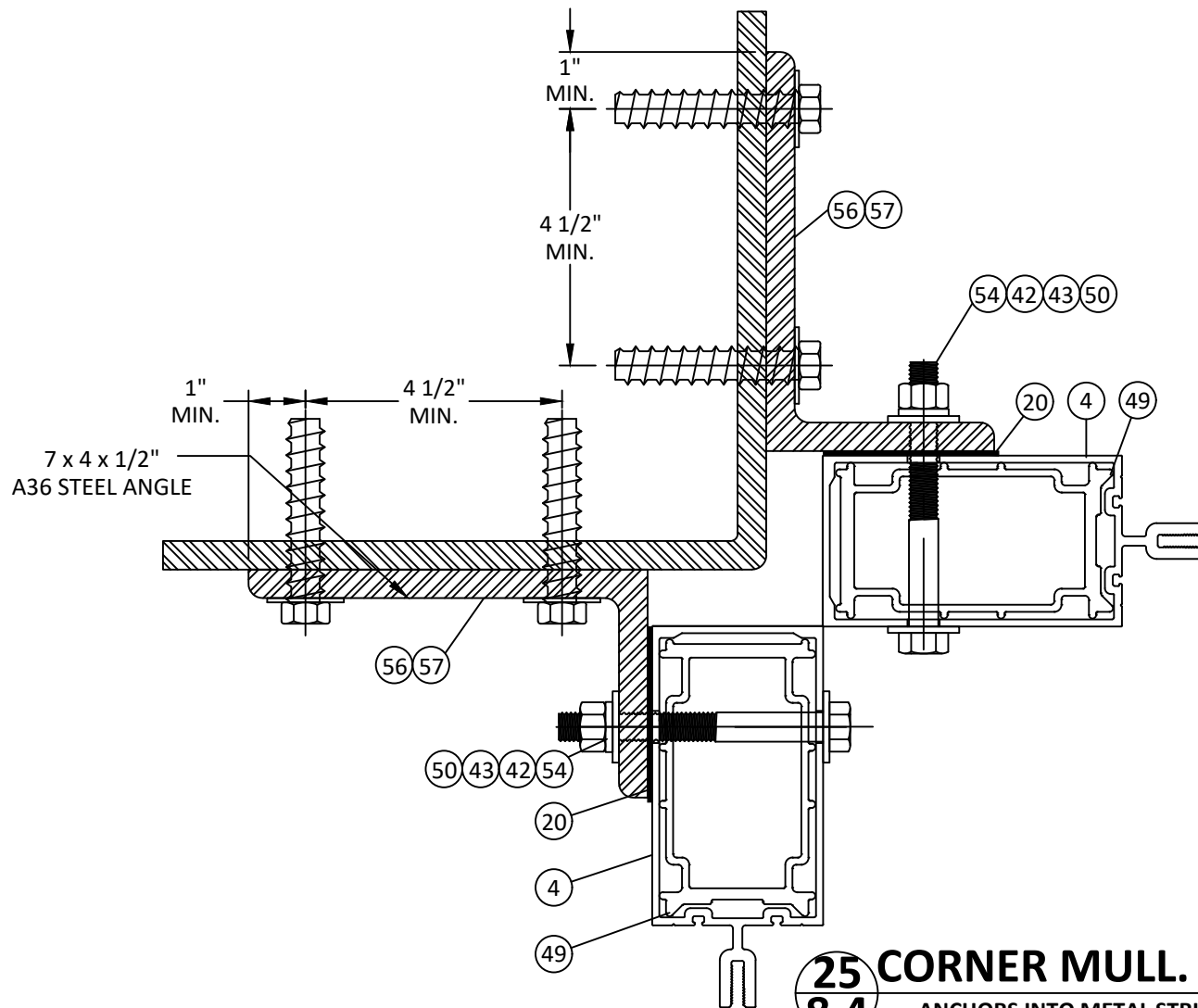
NTS

DWG. #:

YKK208

SECTION:

8.3



ALL ANGLES AND PLATES
TO BE A-36 STEEL
 $F_y = 36$ KSI MIN.

WIND LOAD ANCHOR
WIND + DEAD LOAD ANCHOR

WL / DL ANCHOR CAPACITY	
MAX. SPAN 'H'	MAX. DESIGN PRESSURE
150"	+/- 90 PSF

NOTE:
1) ALTERNATE WIND & DEAD LOAD
ANCHORS MAY BE DESIGNED FOR
ALTERNATE SITE CONDITIONS AND
STEEL ANGLE DESIGN ON A JOB TO JOB
BASIS FOR THE APPLICABLE WIND
LOADS AS DETERMINED IN
ACCORDANCE WITH CH. 16 OF THE
FLORIDA BLDG. CODE BY A FLORIDA
REGISTERED PROFESSIONAL ENGINEER.

WIND /DEAD LOAD ANCHOR NOTES:

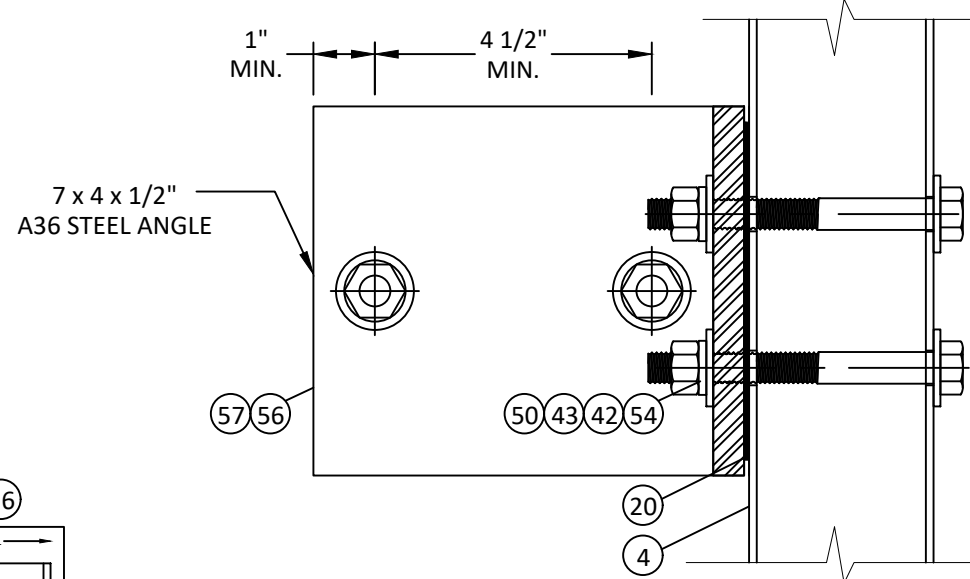
1. WIND/DEAD LOAD ANCHORS HAVE BEEN EVALUATED TO THE FOLLOWING:
 - WL = +/- 6,300 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - WL = +/- 3,150 LBS (UNFACTORED) @ SINGLE ANGLE SUPPORTS
 - MAX. SPAN = 12'-6"
 - MAX. TRIB WIDTH = 60"
2. DEAD LOAD ANCHORS HAVE BEEN EVALUATED TO THE FOLLOWING:
 - DL = 1,219 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - DL SHALL BE DETERMINED BY ENGINEER OF RECORD.
3. (2) 1/2" HH GR. 5 OR ASTM A325 THREADED BOLTS PER ANGLE
 - MIN. FULL ENGAGEMENT WITH NUT & WASHER
OR
 - THREADED INTO TAPED HOLE W/ MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE
 - MIN. 1 1/2" EDGE DISTANCE

25 CORNER MULL. ANCH.

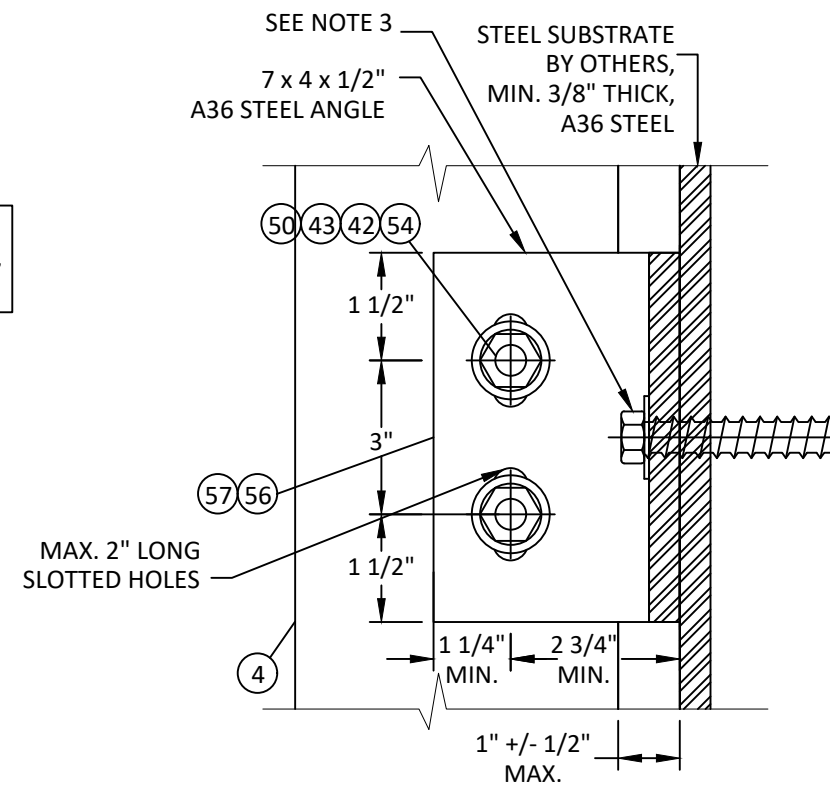
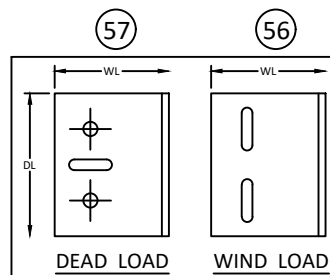
8.4 ANCHORS INTO METAL STRUCTURES LOW/STANDARD PRESSURE MULL

NOTE:

- 5-1/4" DEPTH SHOWN,
8" DEPTH SIMILAR .



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR
AT JAMB



VERTICAL SECTION

WIND LOAD ANCHOR SHOWN
(DEAD LOAD ANCHOR SIMILAR)
AT STEEL SUBSTRATE
LOW / STANDARD PRESSURE CONNECTION

YKK AP AMERICA

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

WIND LOAD / DEAD LOAD ANCHOR DETAILS

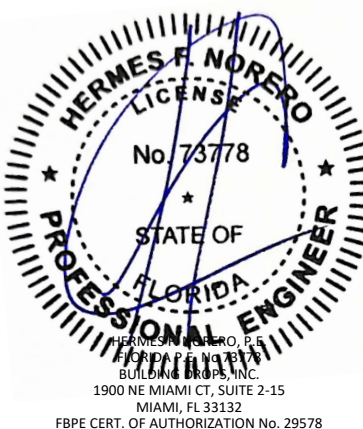
PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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FL #:

FL12456

DATE: 07.18.17

DWG. BY: AR/RV	CHK. BY: HFN
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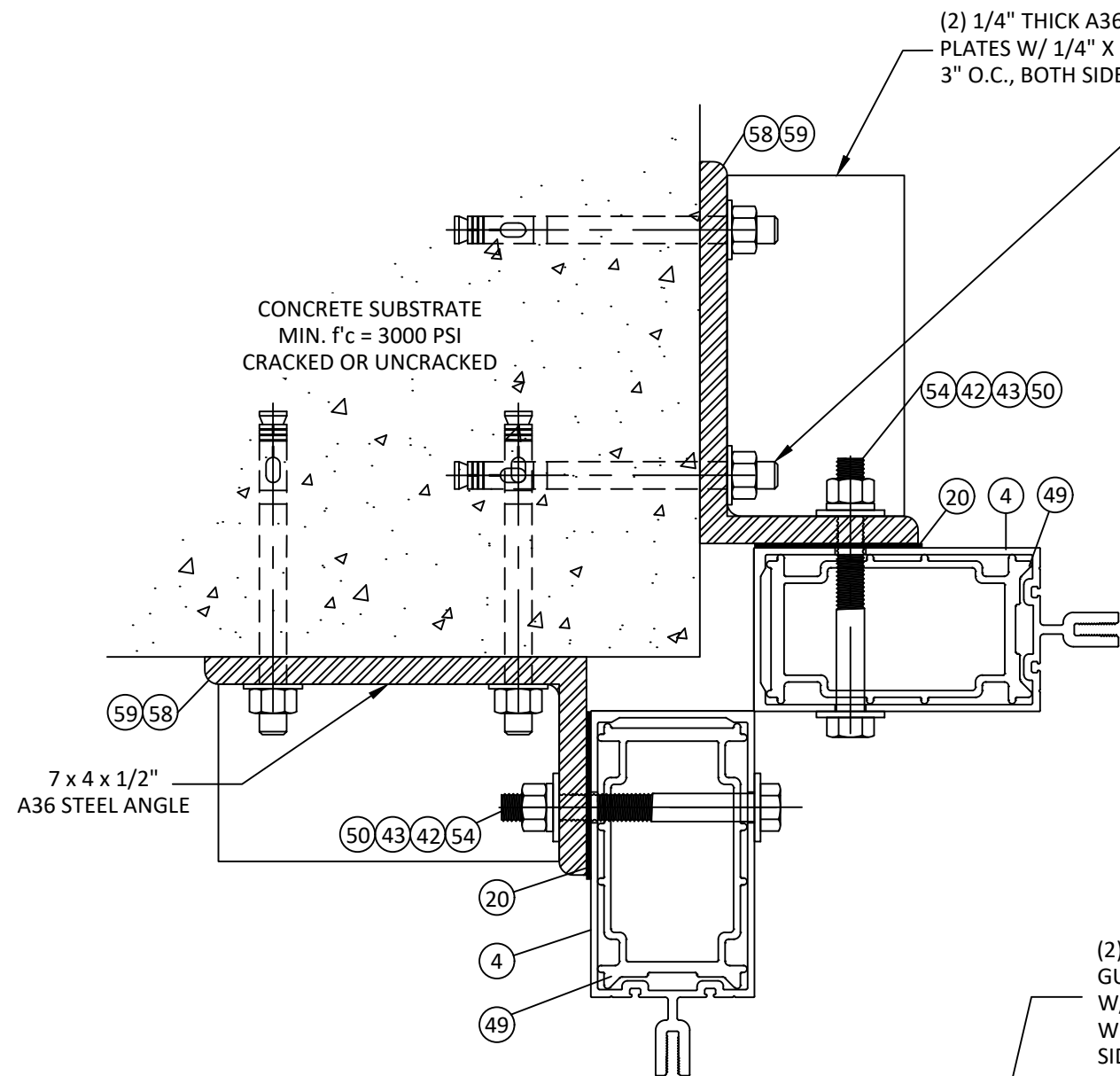
SCALE: NTS

DWG. #: YKK208

SECTION:

8.4

c:\users\sebastian\hereros\building drops, inc\building drops\york ap america, inc\fbc-21-1229, 1 - fbc submittal - revisions\dwgs\york ap america, inc\fbc-21-1229, 1 - fbc submittal - revisions\dwgs 8 - wind-dead load anchor, dtls.dwg 6/5/2026 9:02 AM



- TYPE A - 1/2" DIA. KWIK BOLT TZ EXPANSION ANCHOR
- 2 PER ANGLE
 - 3-5/8" MIN. EMBED
 - 5" C/C SPACING
 - 4" MIN. EDGE DIS.
- TYPE C - 1/2" DIA. DEWALT SCREW-BOLT+
- 2 PER ANGLE
 - 4-1/4" MIN. EMBED
 - 5" C/C SPACING
 - 5" MIN. EDGE DIS.
- TYPE H - 3/8" DIA. SIMPSON TITEN HD EXPANSION ANCHOR
- 2 PER ANGLE
 - 3-1/4" MIN. EMBED
 - 5" C/C SPACING
 - 3-5/8" MIN. EDGE DIS.

NOTE:
1) ALTERNATE WIND & DEAD LOAD ANCHORS MAY BE DESIGNED FOR ALTERNATE SITE CONDITIONS AND STEEL ANGLE DESIGN ON A JOB TO JOB BASIS FOR THE APPLICABLE WIND LOADS AS DETERMINED IN ACCORDANCE WITH CH. 16 OF THE FLORIDA BLDG. CODE BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.

WIND LOAD / DEAD LOAD ANCHOR NOTES:
SEE SECTION 8.2

ALL ANGLES AND PLATES
TO BE A-36 STEEL
Fy = 36 KSI MIN.

WIND LOAD ANCHOR

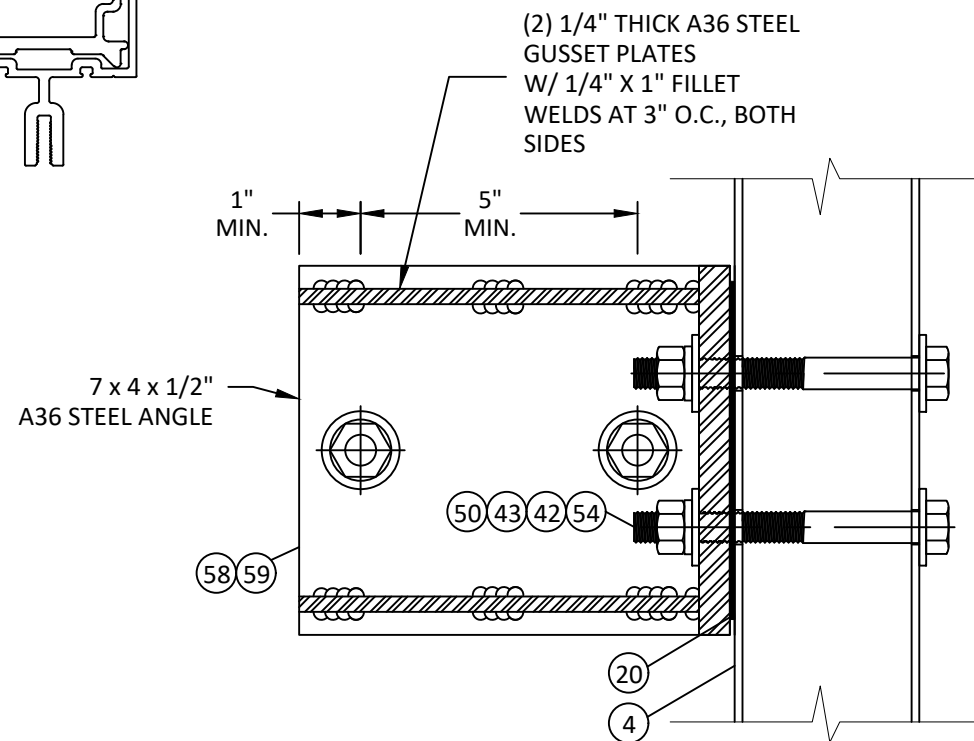
WIND + DEAD LOAD ANCHOR

WL / DL ANCHOR CAPACITY	
MAX. SPAN 'H'	MAX. DESIGN PRESSURE
150"	+/- 90 PSF

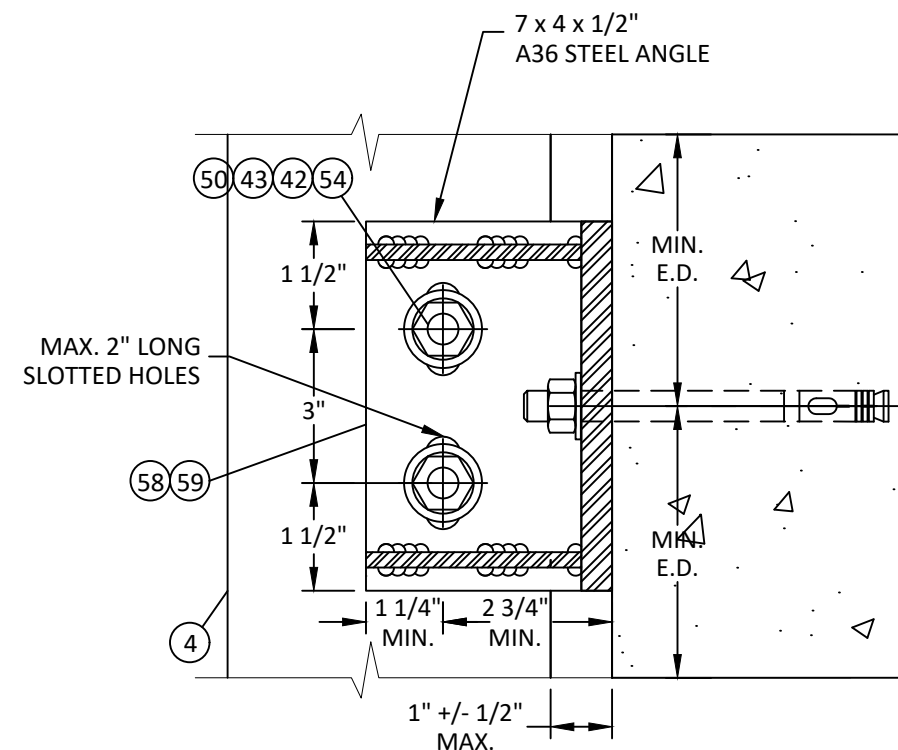
26 CORNER MULL. ANCH. 8.5

ANCHORS INTO METAL STRUCTURES
LOW/STANDARD PRESSURE MULL

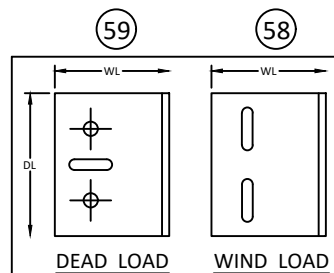
NOTE:
• 5-1/4" DEPTH SHOWN,
8" DEPTH SIMILAR .



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR
AT JAMB



VERTICAL SECTION
WIND LOAD ANCHOR SHOWN
(DEAD LOAD ANCHOR SIMILAR)
AT CONCRETE SUBSTRATE
LOW / STANDARD PRESSURE CONNECTION



YKK AP AMERICA

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

WIND LOAD / DEAD LOAD
ANCHOR DETAILS

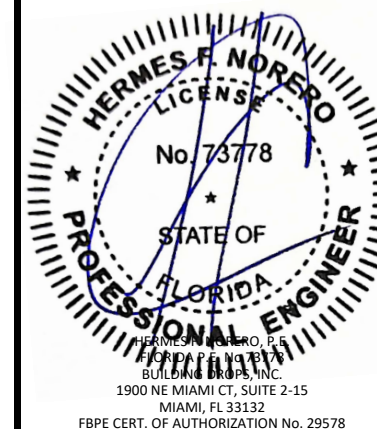
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
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REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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FL #:

FL12456

DATE: 07.18.17

DWG. BY: AR/RV
CHK. BY: HFN

SCALE: NTS

DWG. #: YKK208

SECTION:

8.5

[Page 29 of 38]

c:\users\sebastianherrerros\building drops, inc\building drops, inc\building drops, inc\projects\ykk ap america, inc\fbc-2-1-1229-1 - fbc submittal - revisions\dwgs\apc - upload\112456\ykg.ykk 208 - fl17111.dwg 8 - wind-dead load anchor.dtl.s.dwg 6/5/2026 9:02 AM

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)					
NOMINAL DIMENSIONS		WL ANCHOR 'UNCRACKED'	WL ANCHOR 'CRACKED'	DL+WL ANCHOR 'UNCRACKED'	DL+WL ANCHOR 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)				
36	84	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
48		90.0	90.0	90.0	90.0
51		90.0	90.0	90.0	90.0
54		90.0	90.0	90.0	90.0
57		90.0	90.0	90.0	90.0
60		90.0	90.0	90.0	90.0
36	90	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
48		90.0	90.0	90.0	90.0
51		90.0	90.0	90.0	90.0
54		90.0	90.0	90.0	90.0
57		90.0	90.0	90.0	90.0
60		90.0	90.0	90.0	90.0
36	96	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
48		90.0	90.0	90.0	90.0
51		90.0	90.0	90.0	90.0
54		90.0	90.0	90.0	90.0
57		90.0	90.0	90.0	90.0
60		90.0	90.0	90.0	87.0
36	102	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
48		90.0	90.0	90.0	90.0
51		90.0	90.0	90.0	90.0
54		90.0	90.0	90.0	90.0
57		90.0	90.0	90.0	86.2
60		90.0	90.0	90.0	81.9
36	108	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
48		90.0	90.0	90.0	90.0
51		90.0	90.0	90.0	90.0
54		90.0	90.0	90.0	85.9
57		90.0	89.8	90.0	81.4
60		90.0	85.3	90.0	77.3

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)					
NOMINAL DIMENSIONS		WL ANCHOR 'UNCRACKED'	WL ANCHOR 'CRACKED'	DL+WL ANCHOR 'UNCRACKED'	DL+WL ANCHOR 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)				
36	114	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
48		90.0	90.0	90.0	90.0
51		90.0	90.0	90.0	86.2
54		90.0	89.8	90.0	81.4
57		90.0	85.1	89.9	77.1
60		90.0	80.8	85.4	73.3
36	120	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	90.0
48		90.0	90.0	90.0	87.0
51		90.0	90.0	90.0	81.9
54		90.0	85.3	90.0	77.3
57		90.0	80.8	85.4	73.3
60		88.8	76.8	81.1	69.6
36	126	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	88.4
48		90.0	90.0	90.0	82.9
51		90.0	86.1	90.0	78.0
54		90.0	81.3	85.8	73.7
60		90.0	90.0	90.0	90.0
36	132	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	90.0
45		90.0	90.0	90.0	84.4
48		90.0	87.3	90.0	79.1
51		90.0	82.1	86.8	74.4
54		89.7	77.6	81.9	70.3
60		90.0	90.0	90.0	90.0
36	138	90.0	90.0	90.0	90.0
39		90.0	90.0	90.0	90.0
42		90.0	90.0	90.0	86.5
45		90.0	89.0	90.0	80.7
48		90.0	83.5	88.2	75.7
60		90.0	90.0	90.0	90.0
36	144	90.0	90.0	90.0	89.2
39		90.0	90.0	90.0	82.9
42		90.0	85.3	90.0	77.3
45		90.0	80.0	84.5	72.5
60		90.0	90.0	90.0	90.0
36	150	90.0	90.0	90.0	85.7
39		90.0	87.8	90.0	79.5
42		90.0	81.9	86.5	74.2
45		88.8	76.8	81.1	69.6

YKK

ap

Quality
inspires™

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

WIND LOAD / DEAD LOAD
ANCHOR DETAILS

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

BD

BUILDING DROPS

REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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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 #:
FL12456

DATE: **07.18.17**

DWG. BY:
AR/RV

CHK. BY:
HFN

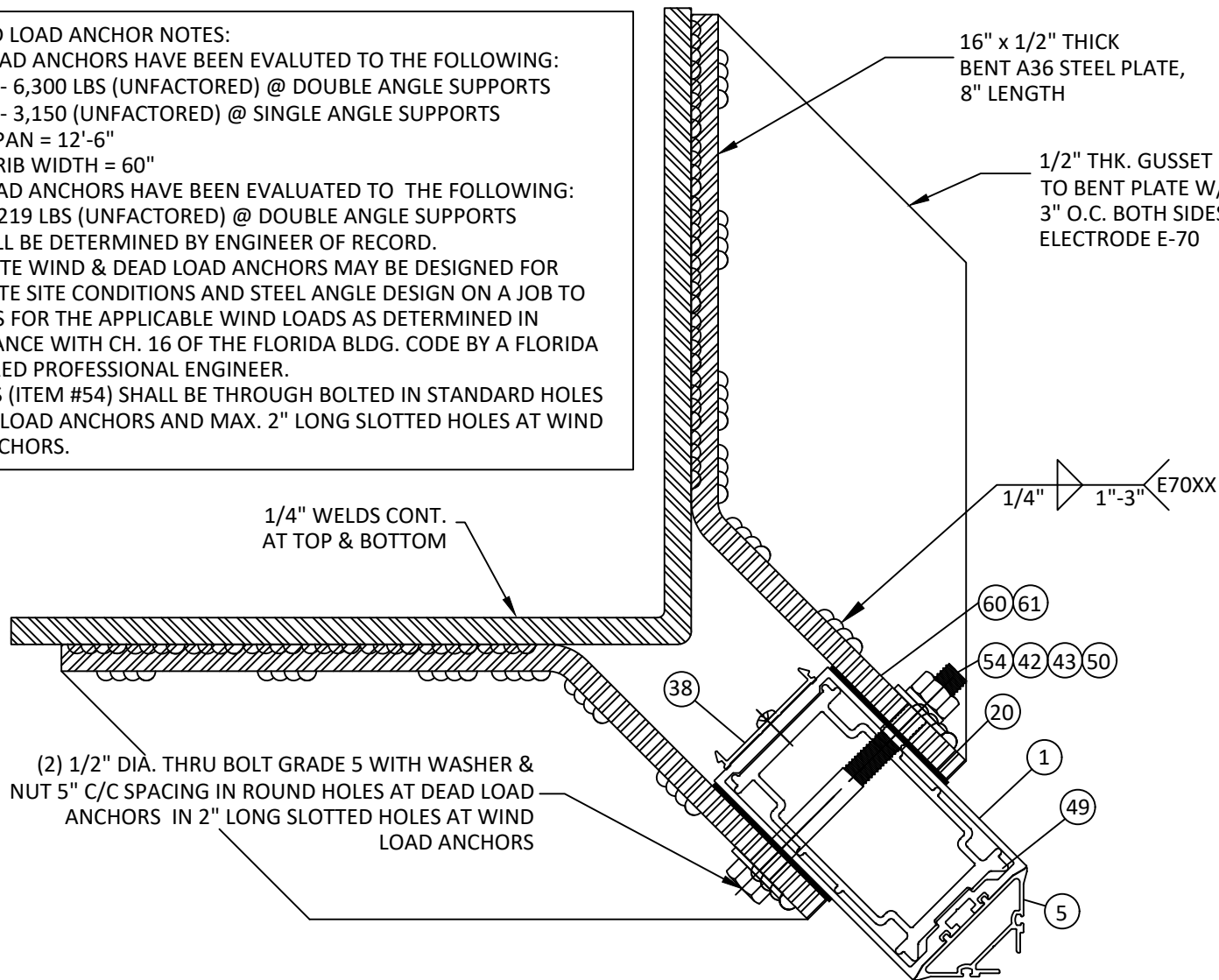
SCALE: **NTS**

DWG. #: **YKK208**

SECTION:

8.6
[Page 30 of 38]

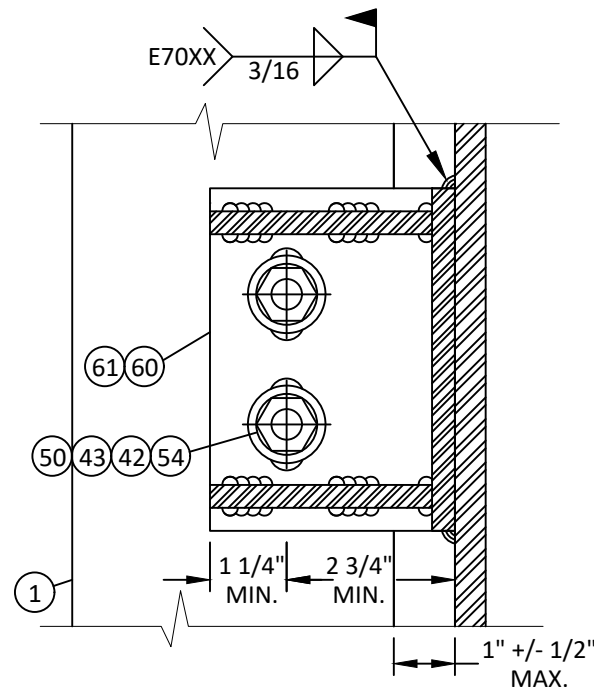
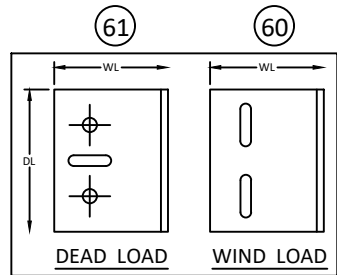
- WIND & DEAD LOAD ANCHOR NOTES:
- WIND LOAD ANCHORS HAVE BEEN EVALUTED TO THE FOLLOWING:
 - WL = +/- 6,300 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - WL = +/- 3,150 (UNFACTORED) @ SINGLE ANGLE SUPPORTS
 - MAX. SPAN = 12'-6"
 - MAX. TRIB WIDTH = 60"DEAD LOAD ANCHORS HAVE BEEN EVALUATED TO THE FOLLOWING:
 - DL = 1,219 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - DL SHALL BE DETERMINED BY ENGINEER OF RECORD.
 - ALTERNATE WIND & DEAD LOAD ANCHORS MAY BE DESIGNED FOR ALTERNATE SITE CONDITIONS AND STEEL ANGLE DESIGN ON A JOB TO JOB BASIS FOR THE APPLICABLE WIND LOADS AS DETERMINED IN ACCORDANCE WITH CH. 16 OF THE FLORIDA BLDG. CODE BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.
 - (2) BOLTS (ITEM #54) SHALL BE THROUGH BOLTED IN STANDARD HOLES AT DEAD LOAD ANCHORS AND MAX. 2" LONG SLOTTED HOLES AT WIND LOAD ANCHORS.



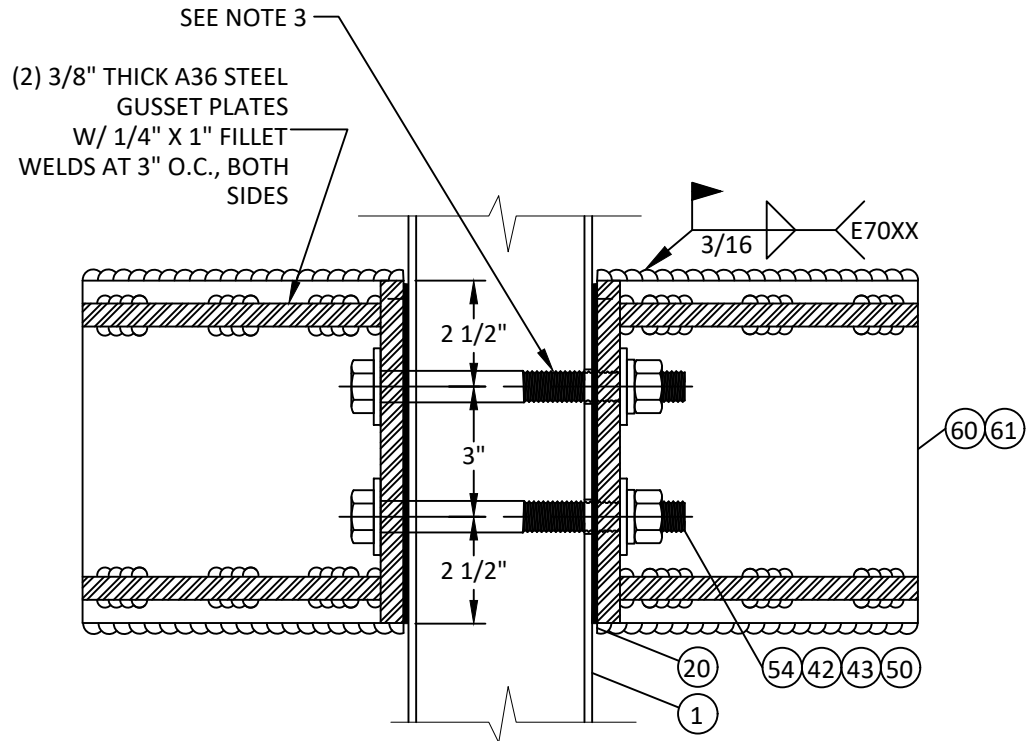
27
8.7 **HORIZONTAL SECTION**
ANGLED CORNER
WL OR DL ANCHOR

NOTE:
• 5-1/4" DEPTH SHOWN,
8" DEPTH SIMILAR .

WL / DL ANCHOR CAPACITY	
MAX. SPAN 'H'	MAX. DESIGN PRESSURE
150"	+/- 90 PSF



VERTICAL SECTION
WIND LOAD ANCHOR SHOWN
(DEAD LOAD ANCHOR SIMILAR)
AT STEEL SUBSTRATE
LOW / STANDARD PRESSURE CONNECTION



CORNER MULL FRONT VIEW
WIND/DEAD LOAD ANCHOR
AT STEEL SUBSTRATE
LOW / STANDARD PRESSURE CONNECTION



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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

WIND LOAD / DEAD LOAD
ANCHOR DETAILS

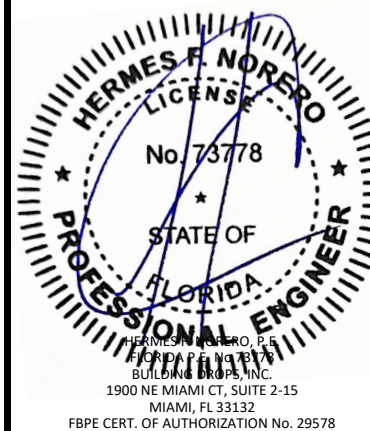
PREPARED BY: BUILDING DROPS, INC.

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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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



FL #:
FL12456

DATE: **07.18.17**

DWG. BY: **AR/RV** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **YKK208**

SECTION:

8.7

WL / DL ANCHOR CAPACITY	
MAX. SPAN 'H'	MAX. DESIGN PRESSURE
150"	+/- 90 PSF

16" x 1/2" THICK
BENT A36 STEEL PLATE,
8" LENGTH

(2) 3/8" THICK A36 STEEL
GUSSET PLATES W/ 1/4" X
1" FILLET WELDS AT 3"
O.C., BOTH SIDES

SEE NOTE 2

1/4" 1"-3" E70XX

4 1/2" MIN.

4 1/2" MIN.

SEE NOTE 3

62 63

54 42 43 50

20

1

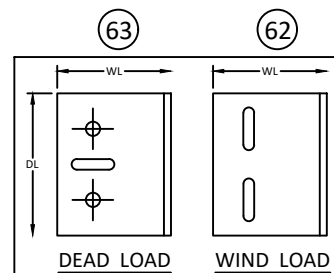
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5

38

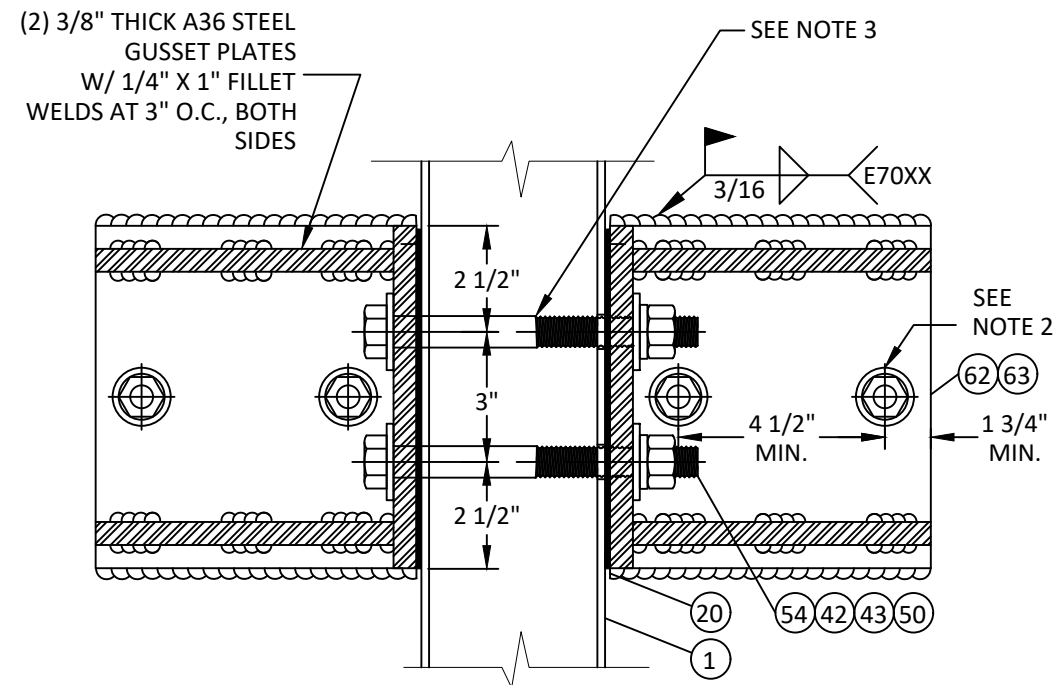
WIND & DEAD LOAD ANCHOR NOTES:

- WIND LOAD ANCHORS HAVE BEEN EVALUTED TO THE FOLLOWING:**
 - WL = +/- 6,300 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - WL = +/- 3,150 (UNFACTORED) @ SINGLE ANGLE SUPPORTS
 - MAX. SPAN = 12'-6"
 - MAX. TRIB WIDTH = 60"
- DEAD LOAD ANCHORS HAVE BEEN EVALUATED TO THE FOLLOWING:**
 - DL = 1,219 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - DL SHALL BE DETERMINED BY ENGINEER OF RECORD.
- (2) 1/2" HH GR. 5 OR ASTM A325 THREADED BOLTS PER ANGLE**
 - MIN. FULL ENGAGEMENT WITH NUT & WASHER
OR
 - THREADED INTO TAPPED HOLE W/ MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE
 - MIN. 1 1/2" EDGE DISTANCE.
- (2) BOLTS (ITEM #54) SHALL BE THROUGH BOLTED IN STANDARD HOLES AT DEAD LOAD ANCHORS AND MAX. 2" LONG SLOTTED HOLES AT WIND LOAD ANCHORS.**

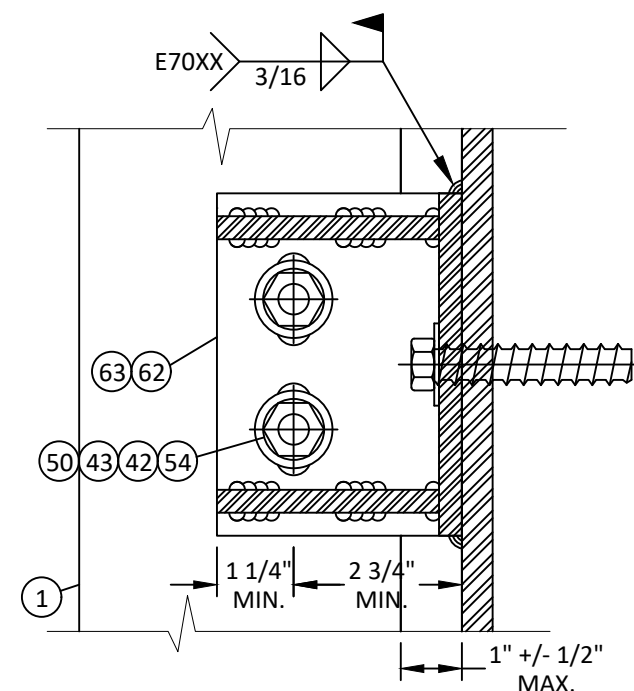


NOTE:

- 5-1/4" DEPTH SHOWN,
8" DEPTH SIMILAR .

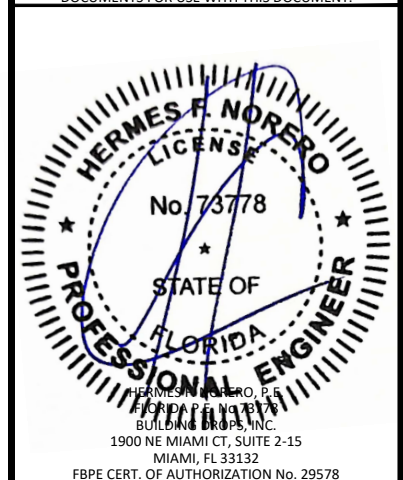


WIND/DEAD LOAD ANCHOR
AT STEEL SUBSTRATE
LOW/ STANDARD PRESSURE CONNECTION



WIND LOAD ANCHOR SHOWN
(DEAD LOAD ANCHOR SIMILAR)
AT STEEL SUBSTRATE
LOW / STANDARD PRESSURE CONNECTION

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.



FL12456

DATE: 07.18.17

DWG. BY: AR/RV	CHK. BY: HFN
--------------------------	------------------------

SCALE: NTS

DWG. #: YKK208

SECTION:

8.8

WIND LOAD / DEAD LOAD
ANCHOR DETAILS

1900 NE MIAMI CT, SUITE 2-15

FAX: (954) 744.4738
WEB: www.buildingdrops.com



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.



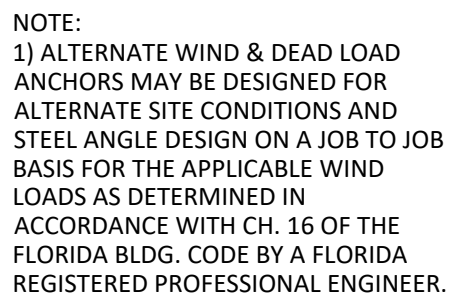
DATE: 07.18.17

SCALE: NTS

DWG. #: YKK208

SECTION: _____

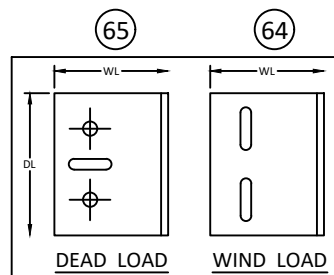
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**OUTSIDE CORNER
WL OR DL ANCHOR**

NOTE:

- 5-1/4" DEPTH SHOWN,
8" DEPTH SIMILAR .



1. WIND LOAD ANCHORS HAVE BEEN EVALUTED TO THE FOLLOWING:
 - WL = +/- 6,300 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - WL = +/- 3,150 (UNFACTORED) @ SINGLE ANGLE SUPPORTS
 - MAX. SPAN = 12'-6"
 - MAX. TRIB WIDTH = 60"
- DEAD LOAD ANCHORS HAVE BEEN EVALUTED TO THE FOLLOWING:
 - DL = 1,219 LBS (UNFACTORED) @ DOUBLE ANGLE SUPPORTS
 - DL SHALL BE DETERMINED BY ENGINEER OF RECORD.

2. TYPE F - (2) 1/2" HILTI KWIKBOLT TZ2 PER ANGLE

- MIN. EMBEDMENT = 3 1/4"
- MAX. C.C. SPACING = 5"
- MIN. EDGE DISTANCE = 4"
- MIN. 4000 PSI CONCRETE

TYPE N - (2) 3/8" DEWALT SCREW-BOLT+ PER ANGLE

- MIN. EMBEDMENT = 2 1/2"
- MAX. C.C. SPACING = 5"
- MIN. EDGE DISTANCE = 3 7/8"
- MIN. 3000 PSI CONCRETE

TYPE H - (2) 3/8" SIMPSON TITEN HD PER ANGLE

- MIN. EMBEDMENT = 3 1/4"
- MAX. C.C. SPACING = 5"
- MIN. EDGE DISTANCE = 3 5/8"
- MIN. 4000 PSI CONCRETE

3. FOR SLABS LESS THAN 8" IN THICKNESS, DESIGN MAY BE PROVIDED ON JOB TO JOB BASIS FOR REVIEW & APPROVAL BY AHJ
4. (2) BOLTS (ITEM #54) SHALL BE THROUGH BOLTED IN STANDARD HOLES AT DEAD LOAD ANCHORS AND MAX. 2" LONG SLOTTED HOLES AT WIND LOAD ANCHORS.

WIND/DEAD LOAD TABLES FOR STANDARD MULLION

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)					
NOMINAL DIMENSIONS		WL ANCHOR 'UNCRACKED'	WL ANCHOR 'CRACKED'	DL+WL ANCHOR 'UNCRACKED'	DL+WL ANCHOR 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)				
36	84	90.0	90.0	90.0	86.7
39		90.0	90.0	90.0	80.1
42		90.0	86.0	90.0	74.3
45		90.0	80.2	90.0	69.4
48		90.0	75.2	90.0	65.0
51		90.0	70.8	86.2	61.2
54		85.7	66.9	81.4	57.8
57		81.2	63.3	77.1	54.8
60		77.1	60.2	73.3	52.0
36		90.0	90.0	90.0	80.9
39	90	90.0	86.4	90.0	74.7
42		90.0	80.2	90.0	69.4
45		90.0	74.9	90.0	64.8
48		90.0	70.2	85.5	60.7
51		84.7	66.1	80.5	57.1
54		80.0	62.4	76.0	54.0
57		75.8	59.1	72.0	51.1
60		72.0	56.2	68.4	48.6
36		90.0	87.8	90.0	75.9
39		90.0	81.0	90.0	70.0
42	96	90.0	75.2	90.0	65.0
45		90.0	70.2	85.5	60.7
48		84.4	65.8	80.2	56.9
51		79.4	61.9	75.4	53.6
54		75.0	58.5	71.3	50.6
57		71.1	55.4	67.5	47.9
60		67.5	52.7	64.1	45.5
36		90.0	82.6	90.0	71.4
39		90.0	76.2	90.0	65.9
42		90.0	70.8	86.2	61.2
45	102	84.7	66.1	80.5	57.1
48		79.4	61.9	75.4	53.6
51		74.7	58.3	71.0	50.4
54		70.6	55.1	67.1	47.6
57		66.9	52.2	63.5	45.1
60		63.5	49.6	60.4	42.9
36		90.0	78.0	90.0	67.5
39		90.0	72.0	87.7	62.3
42		85.7	66.9	81.4	57.8
45		80.0	62.4	76.0	54.0
48	108	75.0	58.5	71.3	50.6
51		70.6	55.1	67.1	47.6
54		66.7	52.0	63.3	45.0
57		63.2	49.3	60.0	42.6
60		60.0	46.8	57.0	40.5

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)					
NOMINAL DIMENSIONS		WL ANCHOR 'UNCRACKED'	WL ANCHOR 'CRACKED'	DL+WL ANCHOR 'UNCRACKED'	DL+WL ANCHOR 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)				
36	114	90.0	73.9	90.0	63.9
39		87.4	68.2	83.1	59.0
42		81.2	63.3	77.1	54.8
45		75.8	59.1	72.0	51.1
48		71.1	55.4	67.5	47.9
51		66.9	52.2	63.5	45.1
54		63.2	49.3	60.0	42.6
57		59.8	46.7	56.8	40.4
60		56.8	44.3	54.0	38.3
36		90.0	70.2	85.5	60.7
39	120	83.1	64.8	78.9	56.0
42		77.1	60.2	73.3	52.0
45		72.0	56.2	68.4	48.6
48		67.5	52.7	64.1	45.5
51		63.5	49.6	60.4	42.9
54		60.0	46.8	57.0	40.5
57		56.8	44.3	54.0	38.3
60		54.0	42.1	51.3	36.4
36		85.7	66.9	81.4	57.8
39		79.1	61.7	75.2	53.4
42	126	73.5	57.3	69.8	49.6
45		68.6	53.5	65.1	46.3
48		64.3	50.1	61.1	43.4
51		60.5	47.2	57.5	40.8
54		57.1	44.6	54.3	38.5
36		81.8	63.8	77.7	55.2
39		75.5	58.9	71.7	50.9
42		70.1	54.7	66.6	47.3
45		65.5	51.1	62.2	44.1
48		61.4	47.9	58.3	41.4
51	132	57.8	45.0	54.9	39.0
54		54.5	42.5	51.8	36.8
36		78.3	61.0	74.3	52.8
39		72.2	56.3	68.6	48.7
42		67.1	52.3	63.7	45.2
45		62.6	48.8	59.5	42.2
48		58.7	45.8	55.8	39.6
36		75.0	58.5	71.3	50.6
39		69.2	54.0	65.8	46.7
42		64.3	50.1	61.1	43.4
45	144	60.0	46.8	57.0	40.5
48		56.3	43.9	53.4	37.9
36		72.0	56.2	68.4	48.6
39		66.5	51.8	63.1	44.8
42		61.7	48.1	58.6	41.6
45		57.6	44.9	54.7	38.9
48		54.0	42.1	51.3	36.4



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

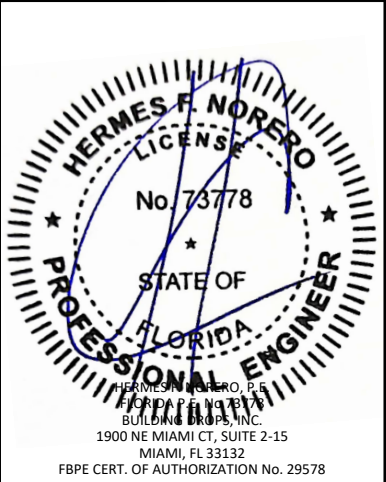
TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

WIND LOAD / DEAD LOAD
ANCHOR DETAILS

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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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



FL #:
FL12456

DATE: **07.18.17**

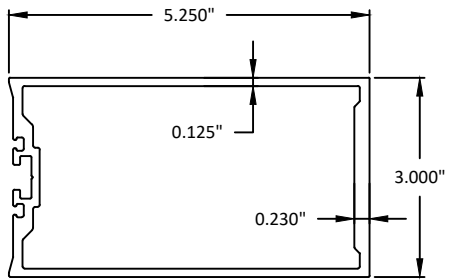
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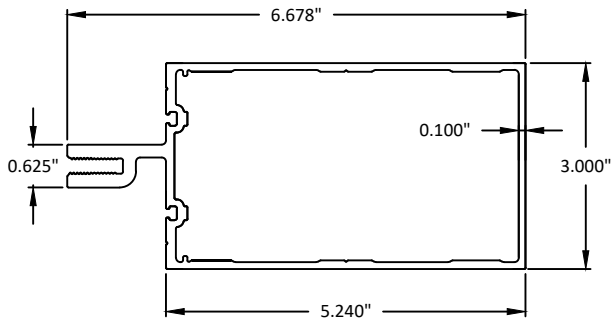
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SECTION:
8.10
[Page 34 of 38]

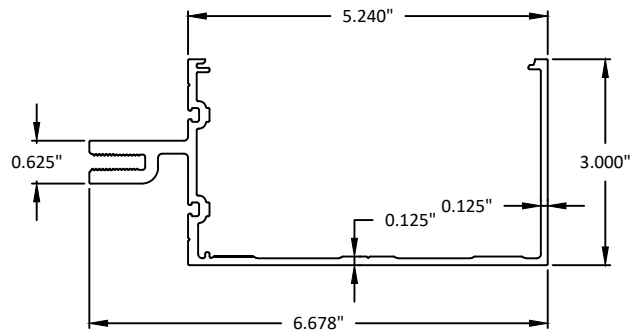
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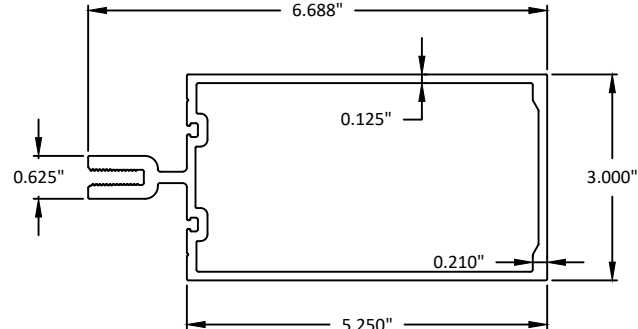
① SSG MULLION



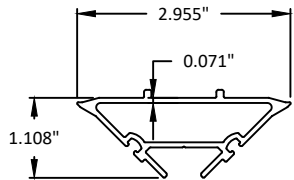
② HORIZONTAL



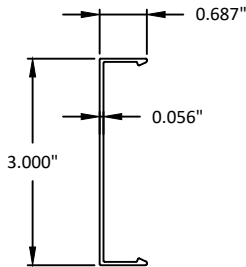
③ SILL



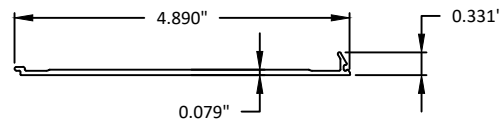
④ JAMB/MULLION



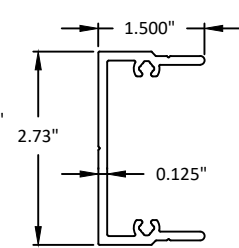
⑤ 90° SSG OUTSIDE CORNER ADAPTOR



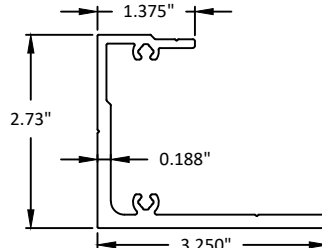
⑥ FACE COVER



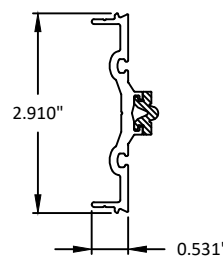
⑦ FLUSH FILLER



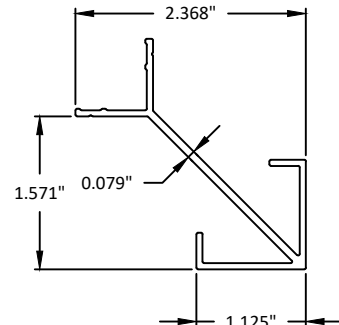
⑧ SHEAR BLOCK



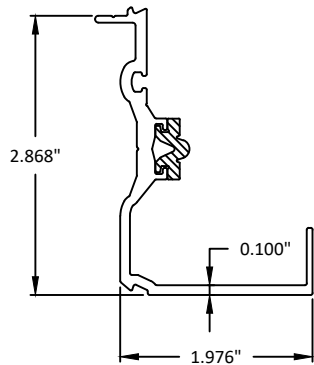
⑨ "J" ANCHOR



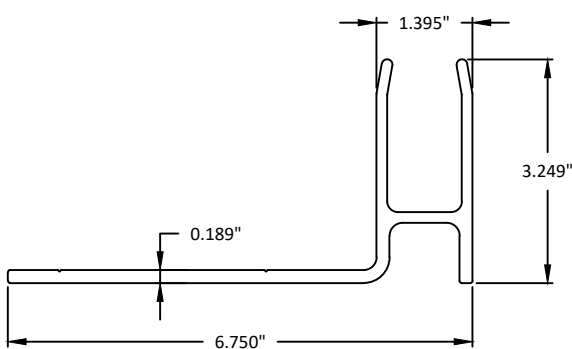
⑩ PRESSURE PLATE



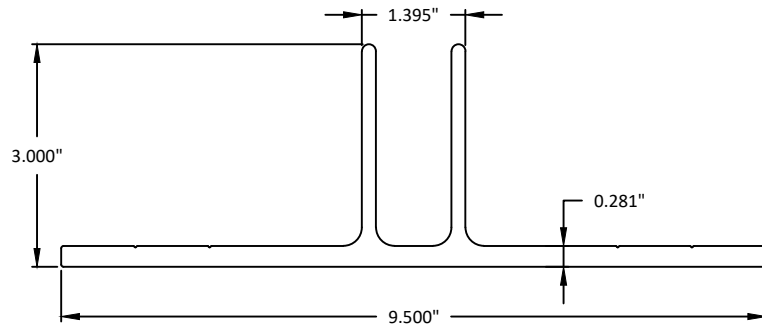
⑪ 90° OUTSIDE CORNER TRIM



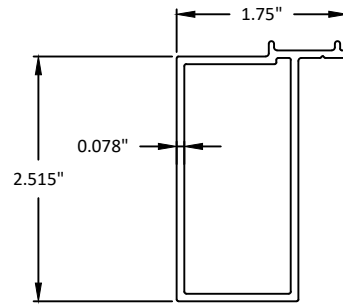
⑫ PERIMETER PRESSURE PLATE



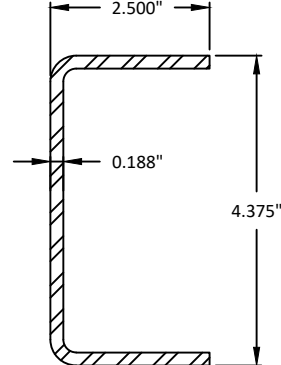
⑭ "F" JAMB END ANCHOR



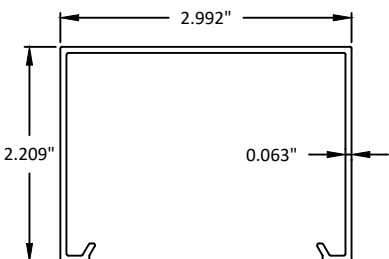
⑮ "T" MULLION END ANCHOR



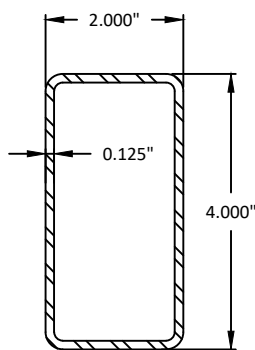
⑰ POST ADAPTER



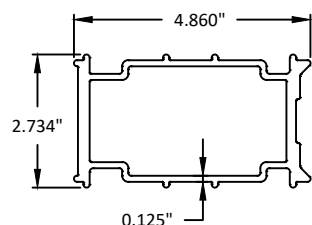
⑱ STEEL REINFORCING CHANNEL



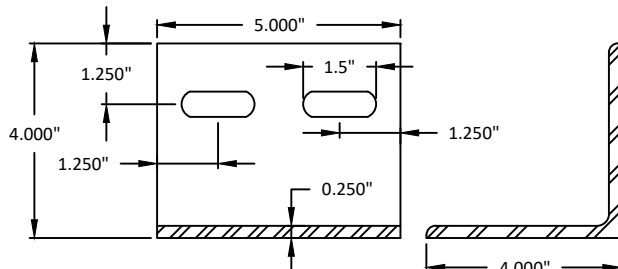
⑳ 90° CORNER INTERIOR COVER



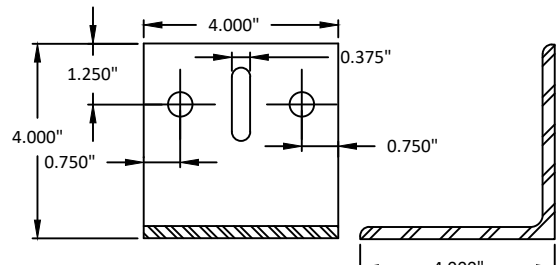
④① STEEL REINFORCING TUBE
Fy = 46 KSI



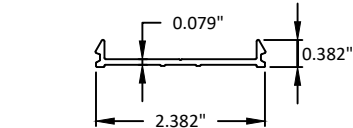
④④ MULLION ANCHOR SLEEVE (3" LONG) AT TOP & BOTTOM OF VERTICALS
④⑧ MULLION SPLICE SLEEVE (6" LONG) AT SPLICE
④⑨ MULLION REINF. SLEEVE (29" LONG) AT MID-POINT ANCHOR



④⑤ WIND LOAD ANCHOR



④⑥ DEAD LOAD ANCHOR



④③ 90° OUTSIDE CORNER INTERIOR COVER BASE



YKK AP AMERICA

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

TITLE: YHC - 300 SSG (INSULATING GLASS) CURTAIN WALL SYSTEM (HVHZ) (IMPACT)

COMPONENTS

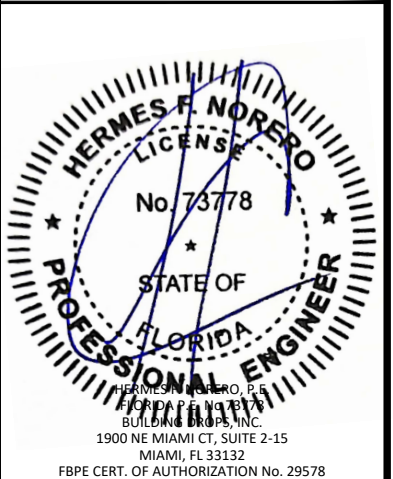
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FAX: (954)744-4738
WEB: www.buildingdrops.com



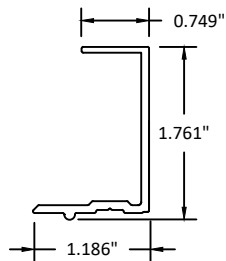
REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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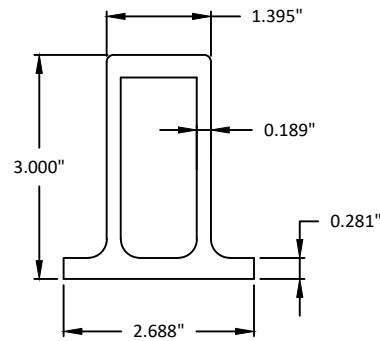


FL #:	FL12456
DATE:	07.18.17
DWG. BY:	AR/RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK208
SECTION:	9.0

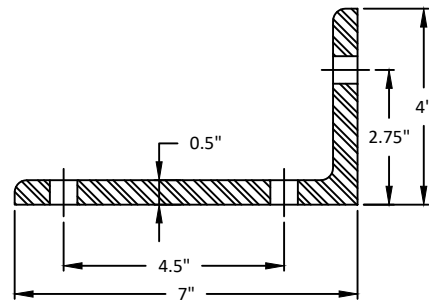
c:\users\sebastian\hereros\building drops, inc\building drops\york ap america, inc\fbc-21-1229-1 - fbc submittal - revisions\dwgs\york ap america, inc\fbc-21-1229-1 - fbc submittal - revisions\dwgs 1-6 & 9.dwg
6/5/2026 9:19 AM



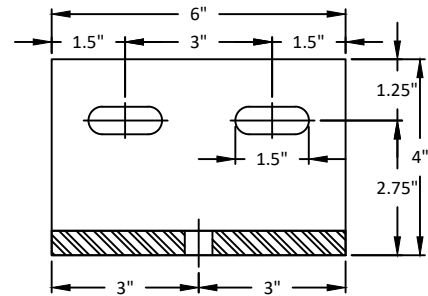
19 POCKET FILLER



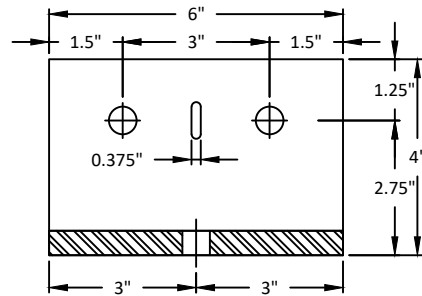
51 'S' ANCHOR CLIP



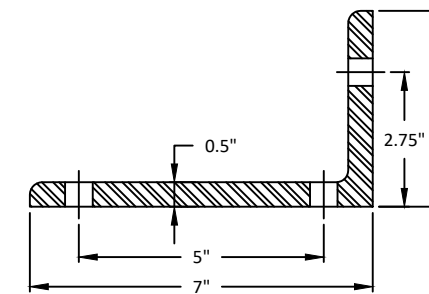
56 WIND LOAD ANCHOR
57 DEAD LOAD ANCHOR



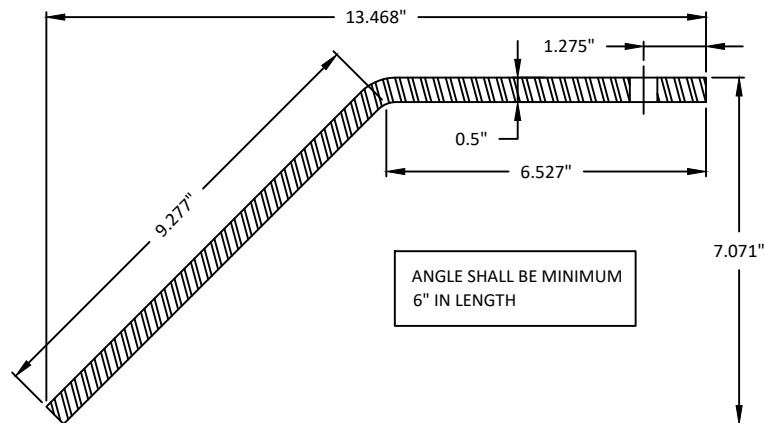
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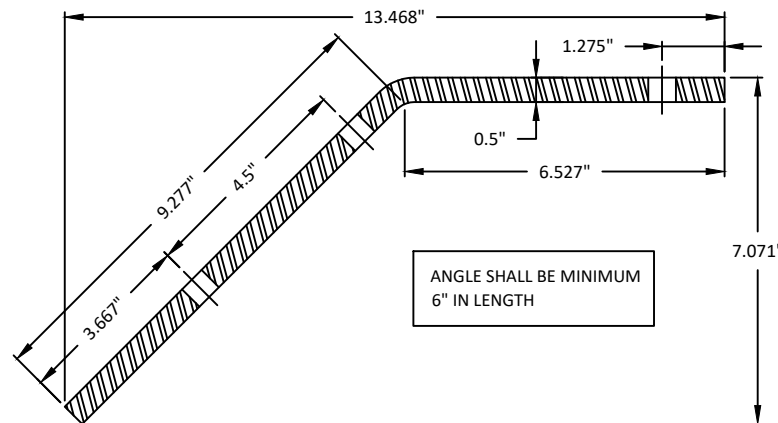
58 WIND LOAD ANCHOR
59 DEAD LOAD ANCHOR



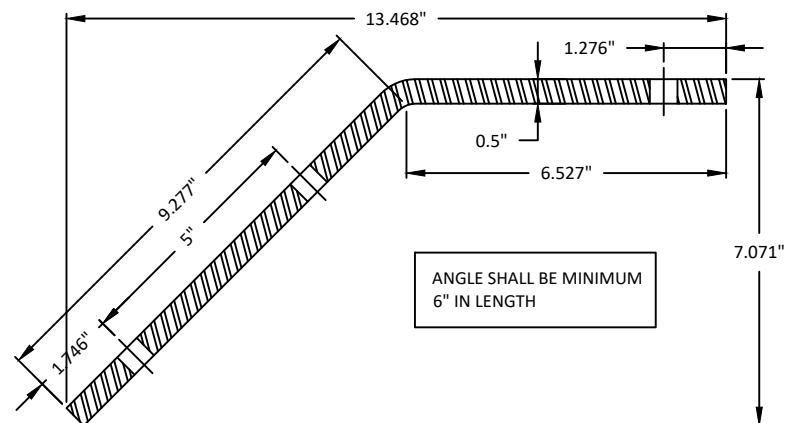
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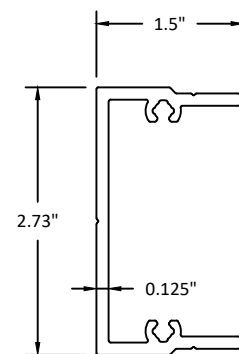
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61 DEAD LOAD ANCHOR



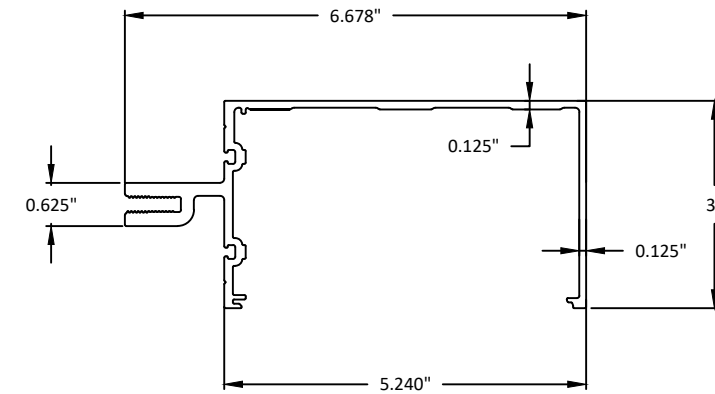
62 WIND LOAD ANCHOR
63 DEAD LOAD ANCHOR



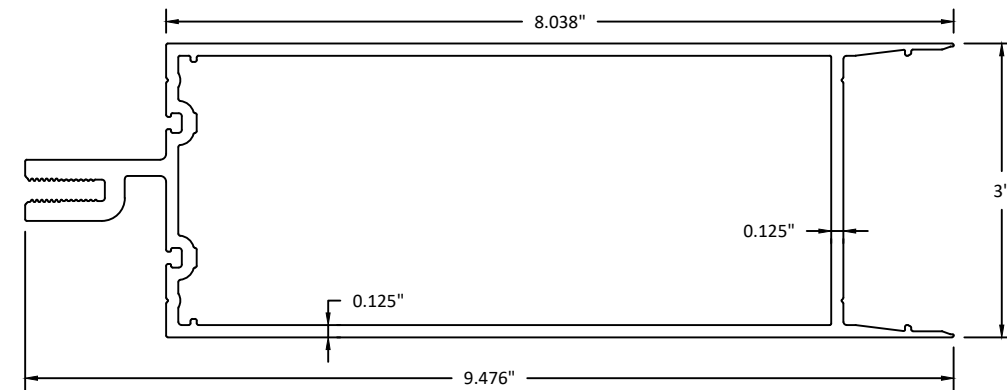
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65 DEAD LOAD ANCHOR



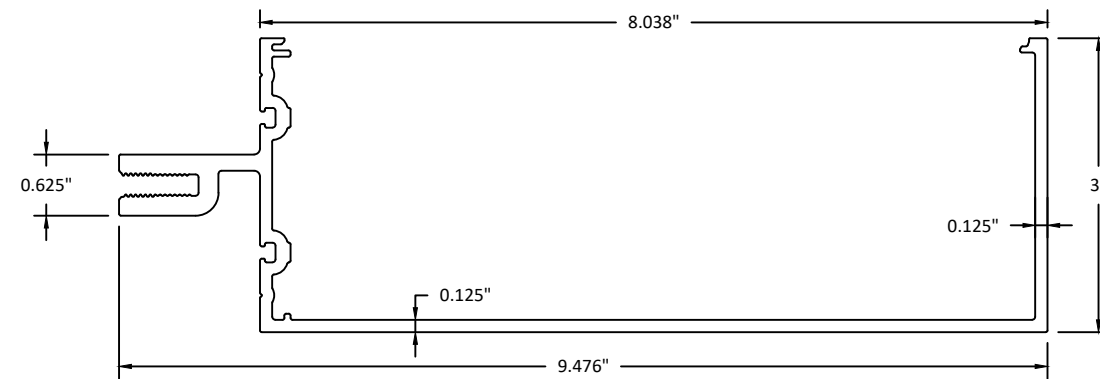
75 80 SHEAR BLOCK (HD)



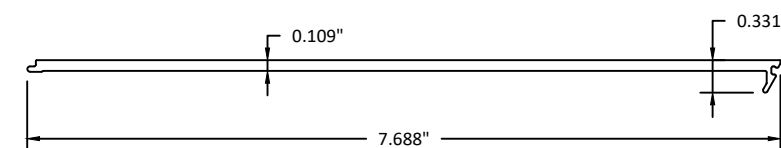
68 HEAD/HORIZONTAL



81 HD HORIZONTAL (INS)



86 HD OPEN BACK HEAD/SILL/HORIZ (INS)



76 FLUSH FILLER (DEEP MULL)



YKK AP AMERICA

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

BILL OF MATERIALS

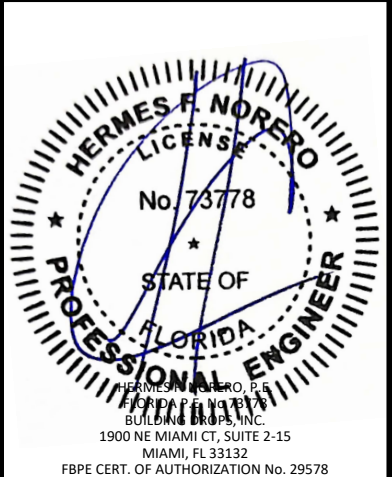
PREPARED BY: BUILDING DROPS, INC.

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
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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FL #:

FL12456

DATE: 07.18.17

DWG. BY: AR/RV
CHK. BY: HFN

SCALE: NTS

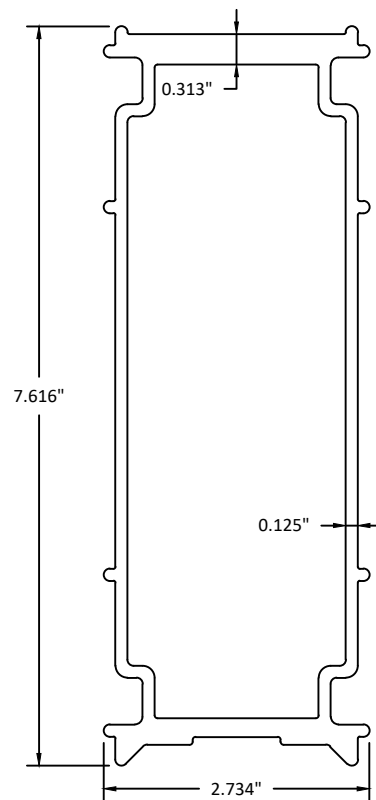
DWG. #: YKK208

SECTION:

9.1

[Page 36 of 38]

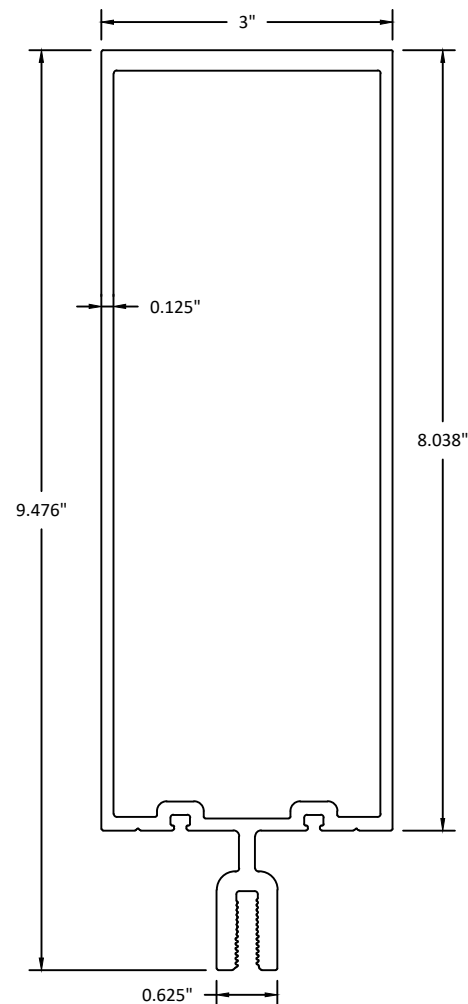
84 INTERIOR MULLION COVER



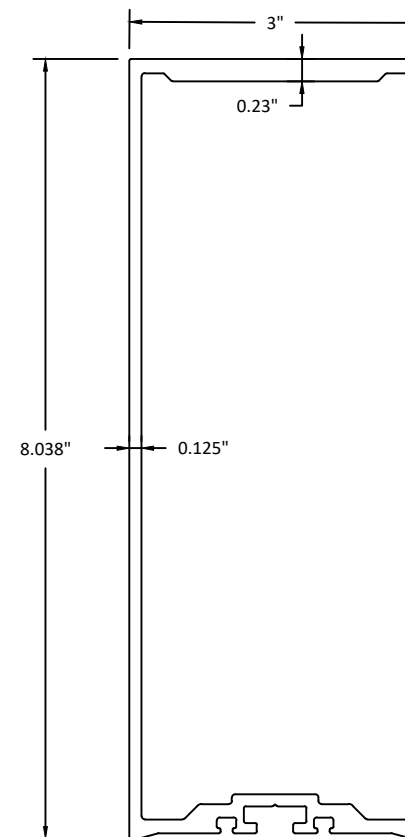
89 MULLION ANCHOR SLEEVE
(3" LONG AT TOP & BOTTOM)

90 MILLION SPLICE SLEEVE
(6" LONG AT SPLICE)

91 MULLION REINFORCEMENT SLEEVE
(29" LONG AT ANCHOR)



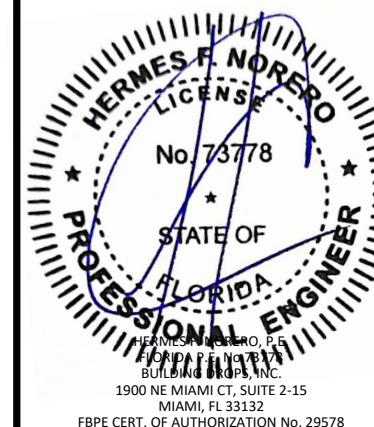
(92) HD VERTICAL MULLION (INS)



(93) 3" x 8" SSG MULLION

REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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FL #: **FL12456**

DATE: 07.18.17

DWG. BY: AR/RV	CHK. BY: HFN
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SCALE: NTS

DWG. #: YKK208

SECTION:

9.2

c:\users\sebastianhereros\building drops - common\projects\ykk ap america - inc\fbc-21-1229-1 - fbc submittal- revisions\dwgs\appr. upload\fl12456\g\ykk 208 - fl17111.dwg\$ 1-6 & 9.dwg 6/5/2026 10:21 AM

ITEM	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	E9-3119	SSG MULLION	6063-T6	YKK AP
2	E9-3102	HORIZONTAL	6063-T5	YKK AP
3	E9-3104	SILL	6063-T5	YKK AP
4	E9-3101	JAMB / MULLION	6063-T6	YKK AP
5	E9-3149	90° SSG OUTSIDE CORNER ADAPTOR	6063-T5	YKK AP
6	E9-3161	FACE COVER	6063-T5	YKK AP
7	E9-3162	FLUSH FILLER	6063-T5	YKK AP
8	E1-3001	SHEAR BLOCK	6063-T5	YKK AP
9	E1-3002	'J' ANCHOR	6063-T5	YKK AP
10	AS-3172	PRESSURE PLATE	6063-T5	YKK AP
11	E9-3152	90° OUTSIDE CORNER TRIM	6063-T5	YKK AP
12	AS-3178	PERIMETER PRESSURE PLATE	6063-T5	YKK AP
13	-	-	6063-T5	-
14	E1-3004	'F' JAMB END ANCHOR	6063-T5	YKK AP
15	E1-3003	'T' MULLION END ANCHOR	6061-T6	YKK AP
16	-	-	-	-
17	E9-3151	POST ADAPTOR	6063-T5	YKK AP
18	E1-0189	STEEL REINFORCING CHANNEL	STEEL	---
19	E9-3110	POCKET FILLER	6063-T5	YKK
20	E3-0103	ANCHOR SLIP PAD	NYLON	---
21	E2-0379	GLAZING GASKET	EPDM	---
22	E2-0176	SSG GLAZING SPACER (SMI)	EPDM	---
23	E2-0353	SSG GLAZING SPACER (LMI)	EPDM	---
24	E2-0611	SETTING BLOCK	EPDM (85±5)	---
25	E1-3009	FACE COVER SPLICE SLEEVE	6063-T5	YKK AP
26	E2-0386	ISOLATOR TAPE	PVC SPONGE	---
27	E2-0358	JOINT PLUG	EPDM SPONGE	---
28	FC-1410	#14 X 5/8" FHSMS TYPE AB	ZINC PLATED STEEL	---
29	FF-0808	#8-32 X 1/2" FHTCS TYPE F	ZINC PLATED STEEL	---
30	FC-1212	#12 X 3/4" FHSMS TYPE AB	ZINC PLATED STEEL	---
31	FC-1220	#12 X 1-1/4" FHSMS TYPE	ZINC PLATED STEEL	---
32	PC-1010	#10 X 5/8" PHSMS TYPE AB	ZINC PLATED STEEL	---
33	E1-3010	MULLION END CAP	ALUM SHEET	---
34	HF-2510-W1	1/4"-20 X 5/8" HWHTCS	ZINC PLATED STEEL	---
35	E1-3025	TEMPORARY PRESSURE PLATE	6063-T5	YKK AP
36	HD-2520-W3	1/4"-20 X 1-1/4" HWHMS	ZINC PLATED STEEL	---
37	E9-3165	90° CORNER INT. COVER	6063-T5	YKK AP
38	E9-1280	90° CORNER INT. COVER BASE	6063-T5	YKK AP
39	-	-	-	-
40	E1-0187	STEEL REINFORCING TUBE	STEEL	---
41	E2-0371	SSG JOINT PLUG	EPDM	---
42	HM-5000	1/2"-13 NUT HHMS	ZINC PLATED STEEL	---
43	WS-5000	1/2" LOCK WASHER	ZINC PLATED STEEL	---
44	E1-3006	MULLION ANCHOR SLEEVE (3")	6063-T5	YKK AP
45	E1-1204	WIND LOAD ANCHOR	A36 STEEL	---
46	E1-1205	DEAD LOAD ANCHOR	A36 STEEL	---
47	HM-5072	1/2"-13 X 4-1/2" HHMS	ZINC PLATED STEEL	---
48	E1-3005	MULLION SPLICE SLEEVE (6")	6063-T5	YKK AP
49	E1-3193	MULLION REINFORCEMENT SLEEVE (29")	6063-T5	YKK AP
50	WW-5000	1/2" FLAT WASHER	ZINC PLATED STEEL	---

ITEM	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
51	E1-3039	'S' ANCHOR AT DOOR JAMB	6063-T6	YKK AP
52	PC-1012	#10 X 3/4" PHSMS TYPE AB	ZINC PLATED STEEL	---
53	PC-1210	#12 X 5/8" PHSMS TYPE AB	ZINC PLATED STEEL	---
54	---	1/2" -13 HH MS BOLT (GRADE 5) OF SUFFICIENT LENGTH TO ACHIEVE GILL ENGAGEMENT W/ NUT SAE GR.5 OR ASTM A325		---
55	E2-0103	THERMAL ISOLATOR	EPDM	---
56	---	WIND LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
57	---	DEAD LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
58	---	WIND LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
59	---	DEAD LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
60	---	WIND LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
61	---	DEAD LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
62	---	WIND LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
63	---	DEAD LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
64	---	WIND LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
65	---	DEAD LOAD ANCHOR (NOT BY YKK AP)	A36 STEEL	---
66	E1-3018	90° CORNER MULLION END ANCHOR		---
67	PC-1220	#12 X 1-1/4" PHSMS TYPE AB	ZINC PLATED STEEL	---
68	E9-3159	OPEN BACK HEAD/HORIZONTAL	6063-T5	YKK AP
69	E1-3016	90° CORNER SHEAR CLIP (RH)	6063-T5	YKK AP
70	E1-3017	90° CORNER SHEAR CLIP (LH)	6063-T5	YKK AP
71	E2-0537	SIDE BLOCK	EPDM (85±5)	---
72	TEK-1012	#10-16 X 3/4" TEK HWHS	ZINC PLATED STEEL	---
73	E2-0356	ISOLATOR TAPE	PVC SPONGE	---
74	PC-0806	#8 X 3/8" PHSMS TYPE AB	ZINC PLATED STEEL	---
75	E1-3040	SHEAR BLOCK (HD)	6063-T5	YKK AP
76	E9-3188	FLUSH FILLER (DEEP MULL)	6063-T6	YKK AP
77	E1-3035	JAMB F ANCHOR (HD)	6063-T5	YKK AP
78	E1-3034	MULLION T ANCHOR (HD)	6063-T5	YKK AP
79	-	-	-	-
80	E1-3032	SHEAR BLOCK (HD HORIZONTAL)	6063-T5	YKK AP
81	E9-3185	HD HORIZONTAL (INS)	6063-T6	YKK AP
82	-	-	-	-
83	-	-	-	-
84	E9-3186	INTERIOR MULLION COVER	6063-T6	YKK AP
85	-	-	-	-
86	E9-3187	HD OPEN BACK HEAD/HORIZ./SILL (INS)	6063-T6	YKK AP
87	-	-	-	-
88	E2-0537	SIDE BLOCK	EPDM (85±5)	YKK AP
89	E1-3033	MULLION ANCHOR SLEEVE (HD) (3" LONG @ TOP & BOTTOM)	6063-T5	YKK AP
90	E1-3037	MULLION SPLICE SLEEVE (HD) (6" LONG @ SPLICE)	6063-T5	YKK AP
91	E1-3030	MULLION REINFORCEMENT SLEEVE (HD) (29" LONG @ ANCHOR)	6063-T5	YKK AP
92	E9-3183	HD VERTICAL MULLION (INS)	6063-T6	YKK AP
93	E9-7437	3" x 8" SSG MULLION	6063-T5	YKK AP

YKK

ap

Quality
inspires™

YKK AP AMERICA

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

TITLE: YHC - 300 SSG (INSULATING GLASS)
CURTAIN WALL SYSTEM
(HVHZ) (IMPACT)

BILL OF MATERIALS

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

BD

BUILDING DROPS

REMARKS	BY	DATE
MISC. UPDATES	SH	3.28.22
MISC. UPDATES	LS	6.02.26

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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 #:

FL12456

DATE:

07.18.17

DWG. BY:

AR/RV

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK208

SECTION:

9.3

[Page 38 of 38]