



YKK AP AMERICA, Inc.

YHC 300 SSG Cassette (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 9 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.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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 AND HEIGHT USING CHARTS ON SECTIONS 4.2 & 4.3 FOR SINGLE SPANS, AND EQUAL MULTIPLE SPANS. |
| STEP 4 | USING HEAD/SILL ANCHOR DETAILS ON SECTION 7 THRU 7.6 SELECT ANCHOR OPTION FROM TABLES ON SECTION 7.7 THRU 7.9 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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6	GLAZING DETAILS
7	F, T & S ANCHOR DETAILS
8	DEAD/WIND LOAD ANCHOR DETAILS
9	COMPONENTS & BILL OF MATERIALS



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

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
COVER SHEET & GENERAL NOTES

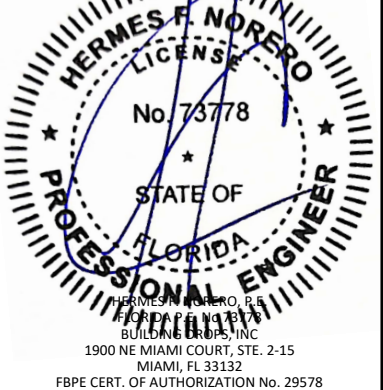
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
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FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
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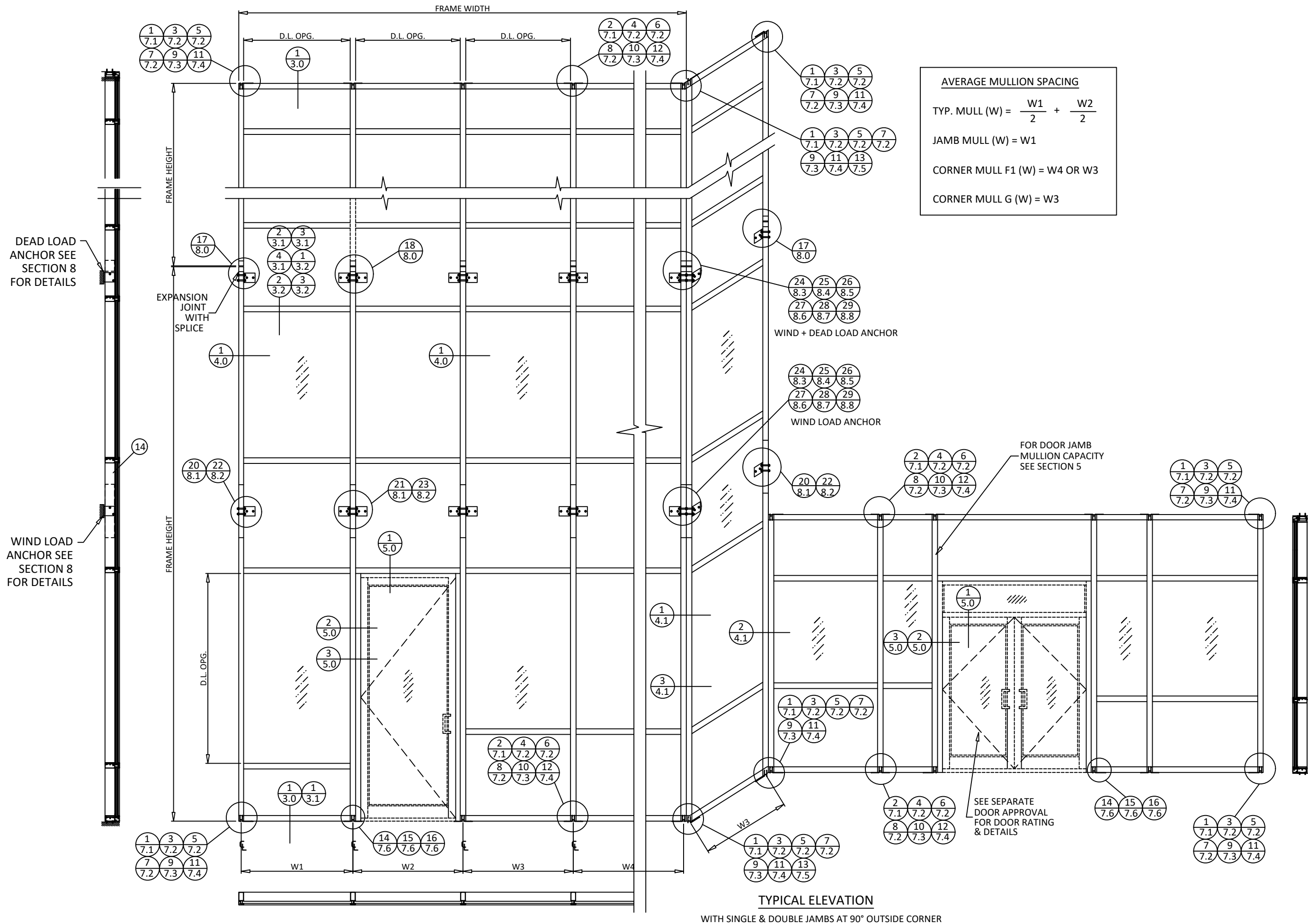
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Reason: I am approving this document
Date: 2026.08.03 18:53:57 -0400'



FL #:		FL25556
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DWG. BY:	CHK. BY:	
RV	HFN	
SCALE:		NTS
DWG. #:		YKK251
SECTION:	REV.	
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YKK AP AMERICA
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PH: (478)277-1955 FAX: (678)838-6001

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

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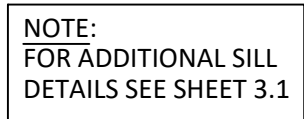
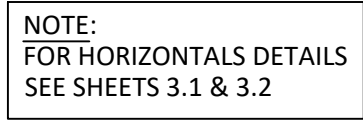
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SCALE: **NTS**

DWG. #: **YKK251**

SECTION: **2.0**REV. **A**

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CONCRETE AND METAL STRUCTURE NOT BY YKK AP AMERICA INC.
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.
AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD

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

"HORIZONTAL MULLIONS (+/- PSF)"	
"WIDTH, W (in. 'Span'"	"EXT. (+) INT. (-)"
60	90

STANDARD DUTY HORIZONTAL MULLION NOTES:

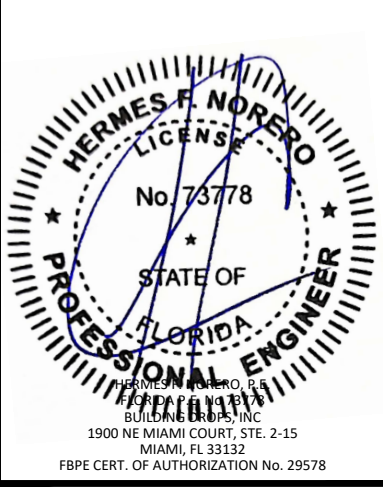
1. CHART IS BASED ON TWO SETTING BLOCKS (E2-0513) PLACED AT 1/4 SPAN LENGTH
2. D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.
3. MAY BE USED AS TYPICAL HORIZONTAL MULLION OR TRANSOM ABOVE SINGLE DOOR ASSEMBLIES ONLY.

1 VERTICAL SECTION

3.0 STANDARD HEAD & SILL INSULATING GLASS

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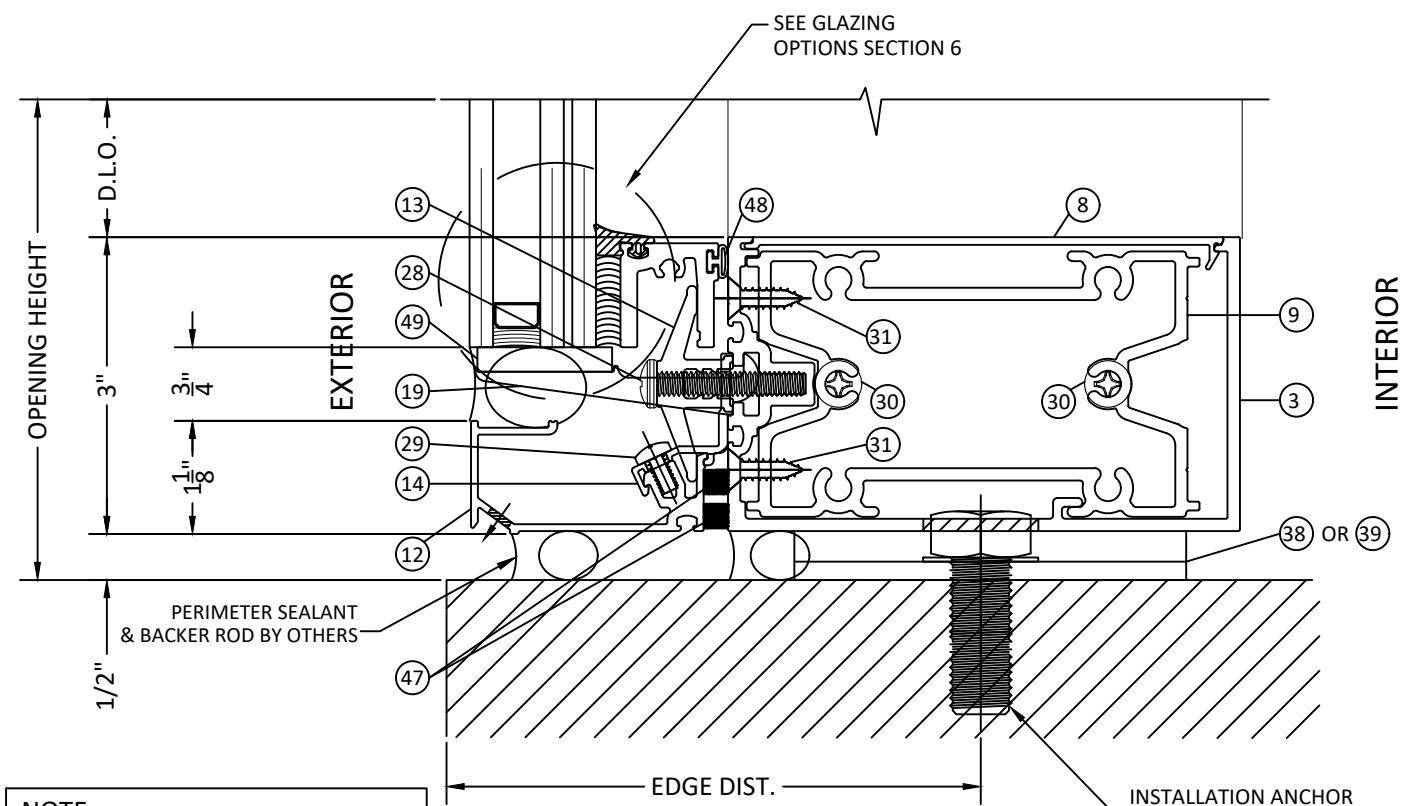
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DWG. #: YKK251	
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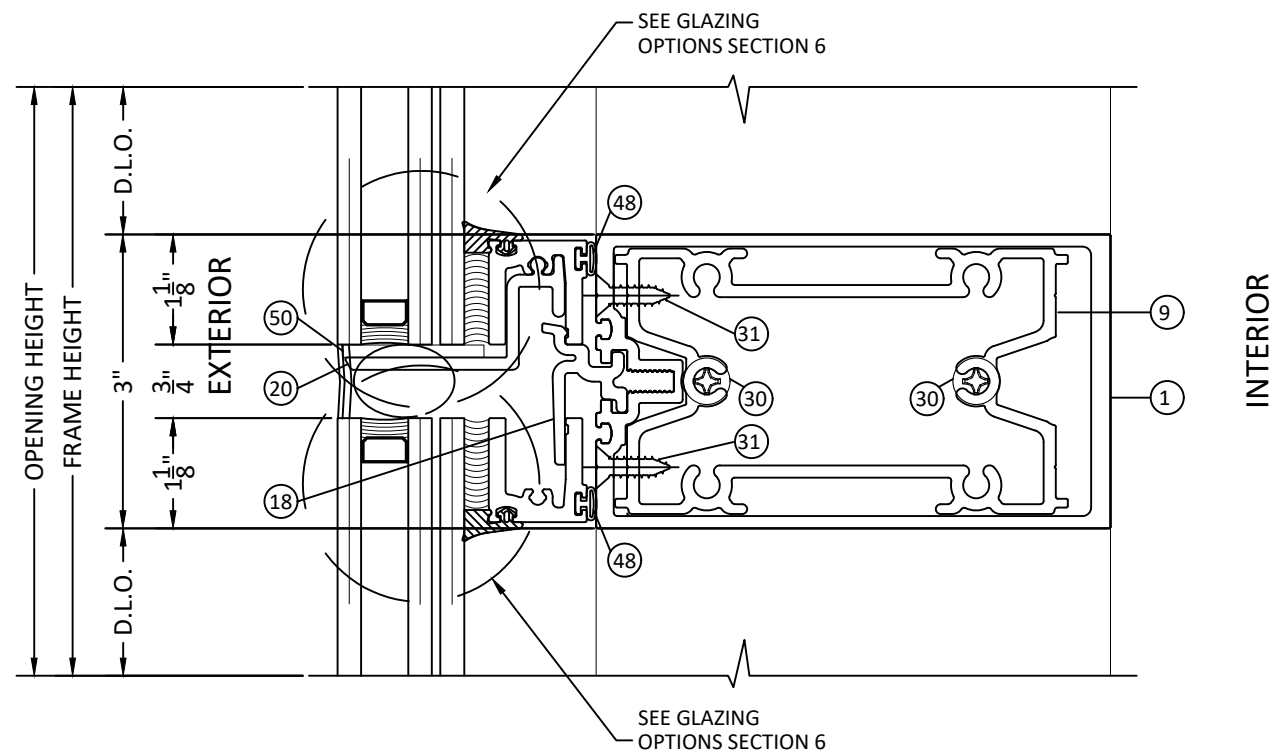
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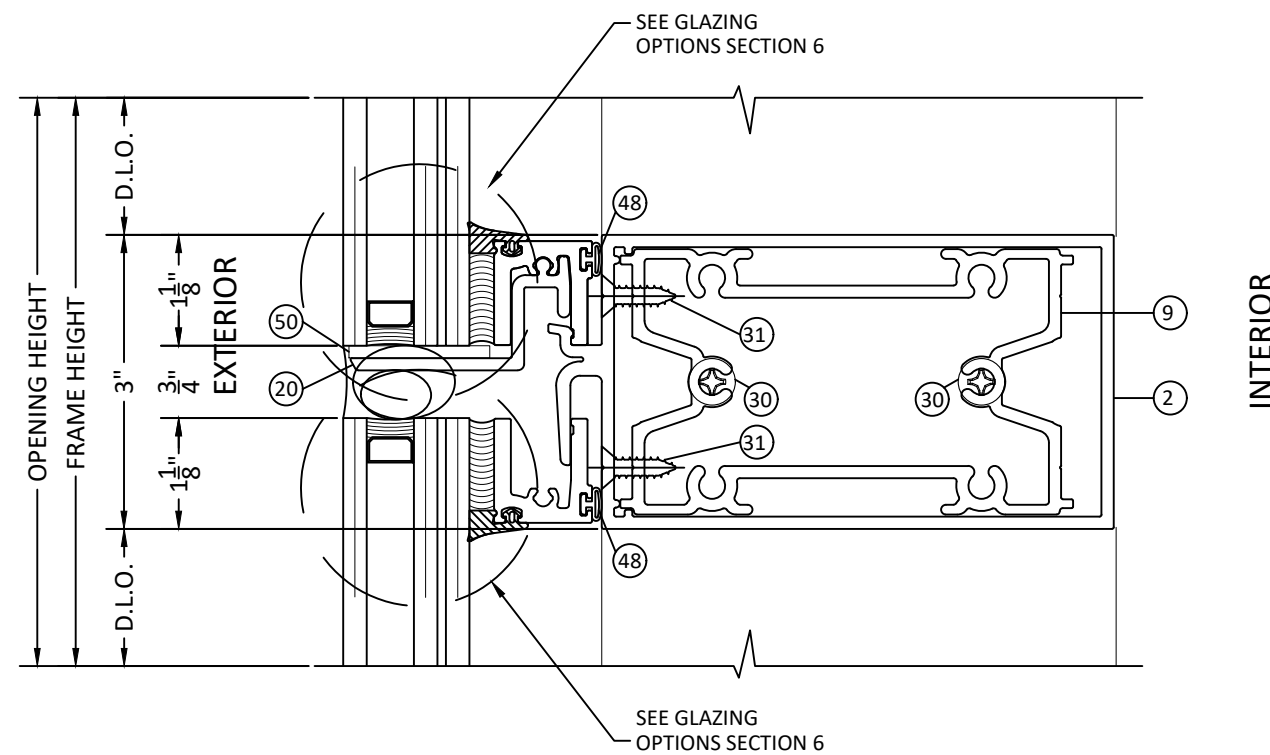


NOTE:
CONSULT ENGINEER ON GLASS
WEIGHT WHEN USING TOGGLES
& E1-3050 SETTING BLOCK CHAIR
AT THE HORIZONTAL & SILL

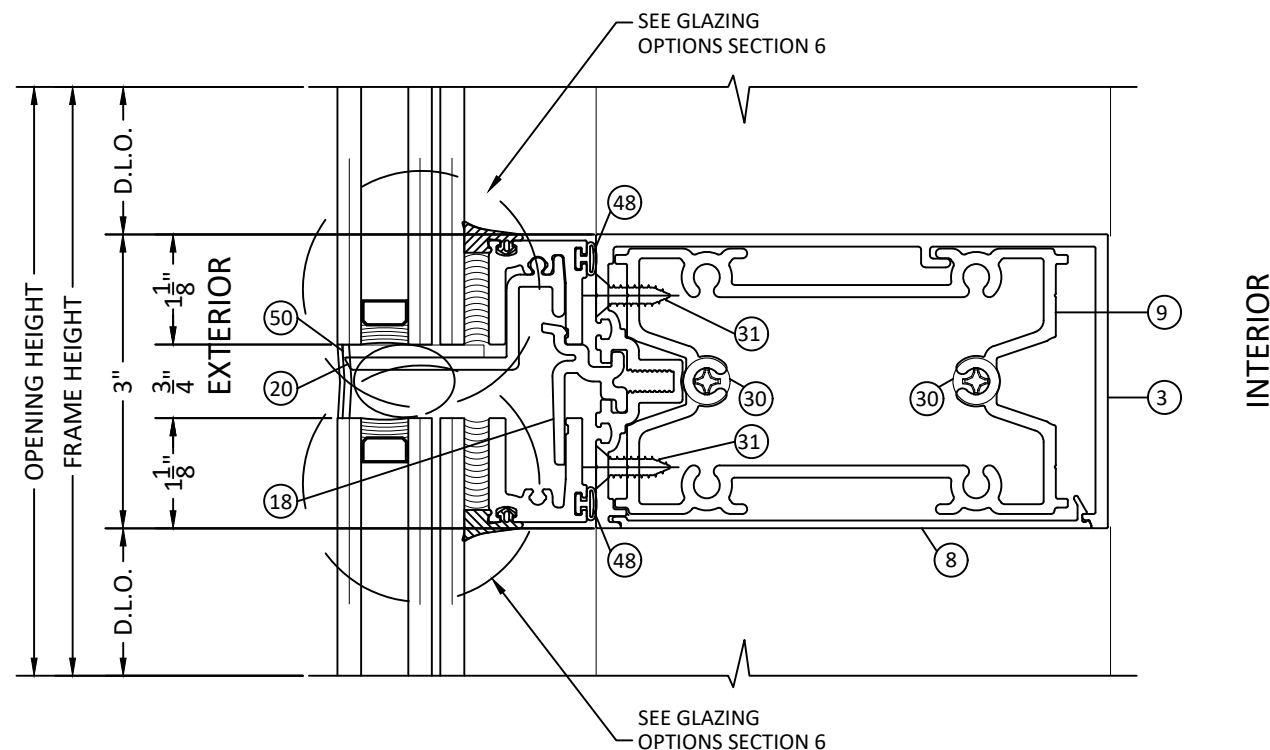
1
3.1 **VERTICAL SECTION**
OPTIONAL SILL WITH TOGGLE
INSULATING GLASS



2
3.1 **VERTICAL SECTION**
HORIZONTAL WITH SLIDE IN ADAPTOR
INSULATING GLASS



3
3.1 **VERTICAL SECTION**
HORIZONTAL WITH INTEGRAL HOOK
INSULATING GLASS



4
3.1 **VERTICAL SECTION**
2 PIECE HORIZONTAL WITH SLIDE IN ADAPTOR
INSULATING GLASS



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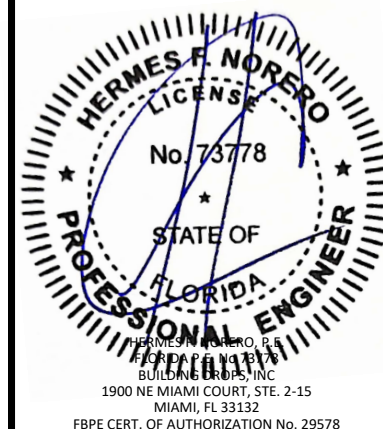
TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
VERTICAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
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SECTION:	3.1
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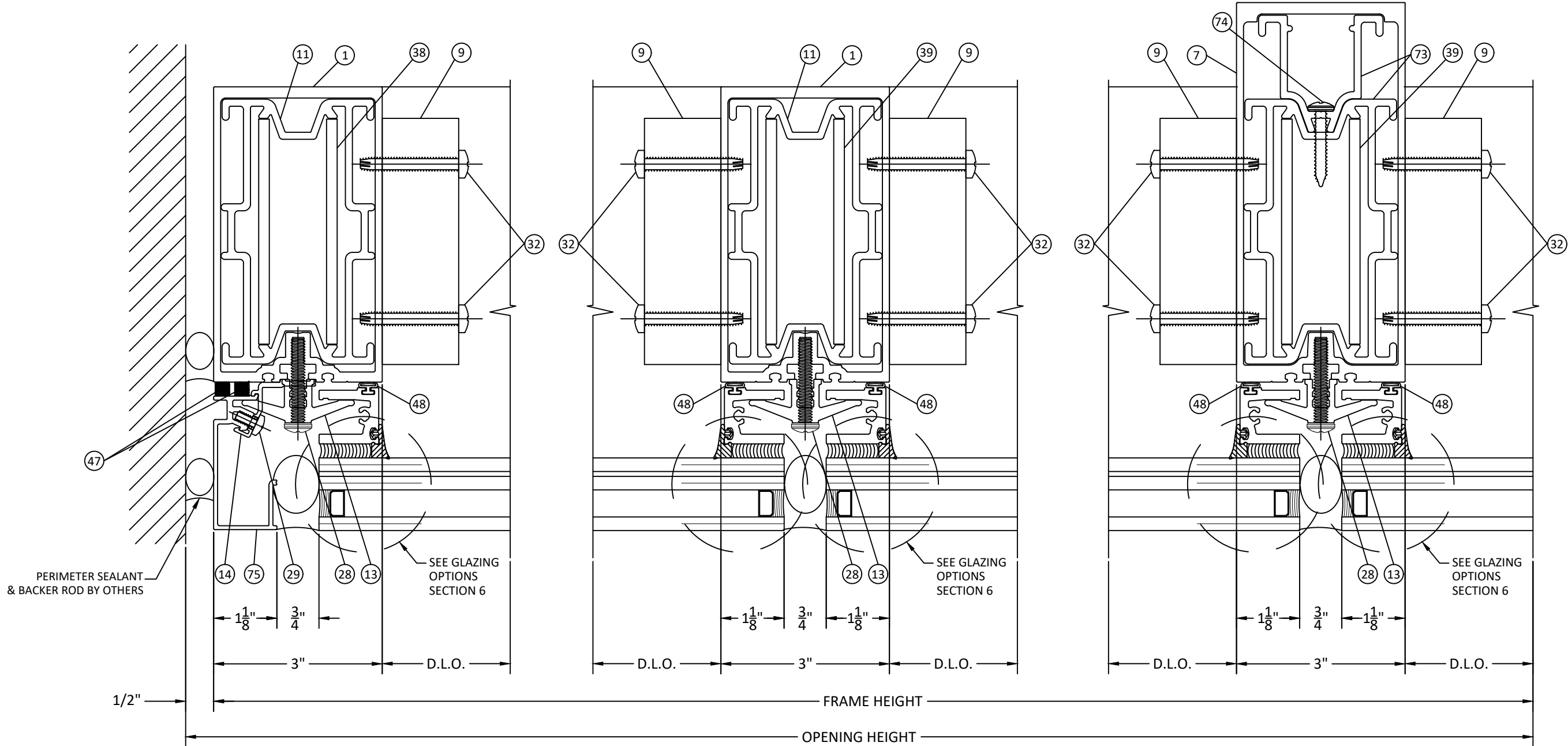
3 3.2 **VERTICAL SECTION** HORIZONTAL WITH SLIDE IN ADAPTER INSULATING GLASS

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MAX. DESIGN LOAD- PSF	MIN. GAP	MAX. GAP
145	1/4"	1"
120	5/8"	1"
96	1/2"	1"

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.

1 HORIZONTAL SECTION

4.0 STANDARD DUTY MULLION INSULATING GLASS

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

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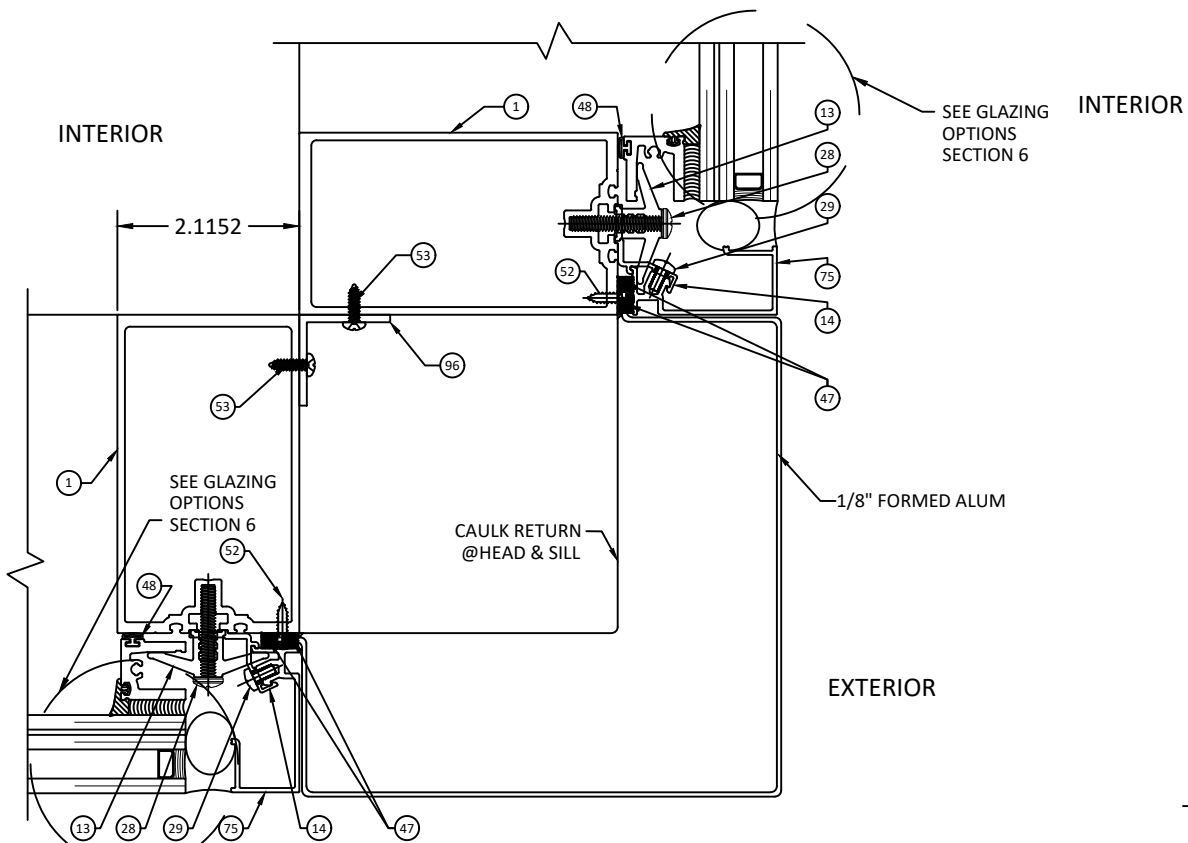
HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL25556
DATE:	12.06.17
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK251
SECTION:	4.0
REV.	A

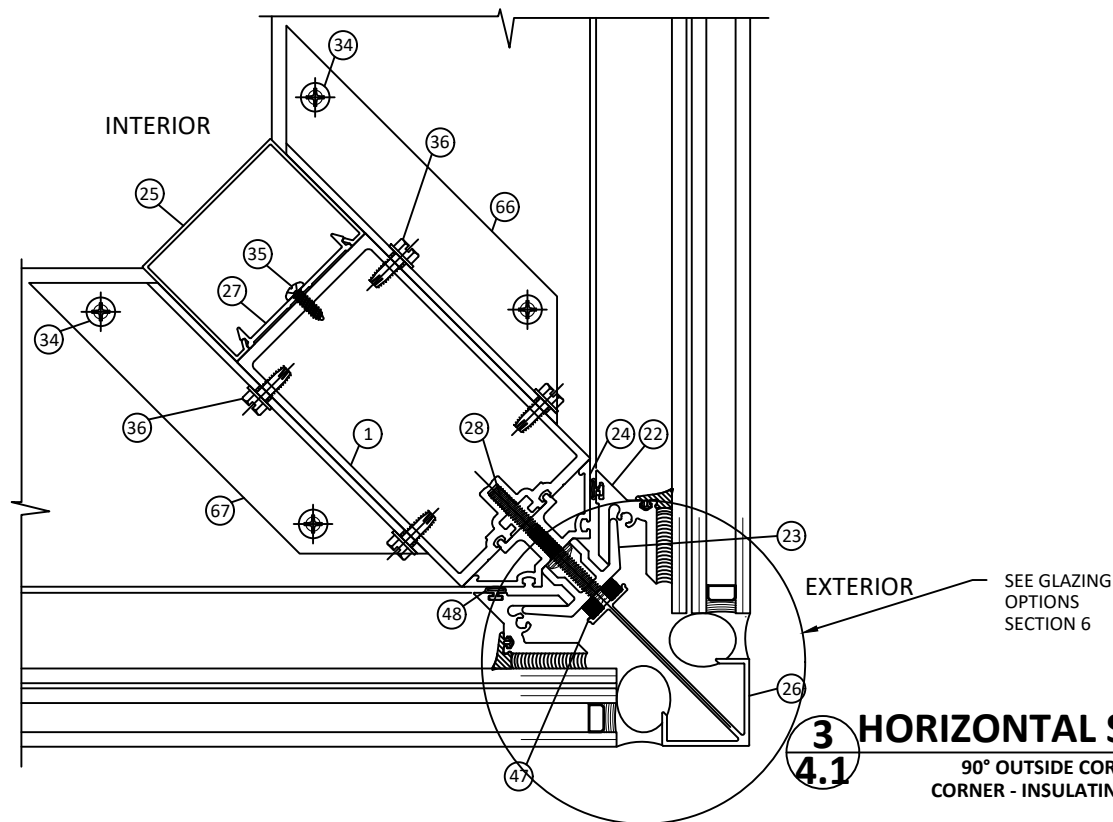
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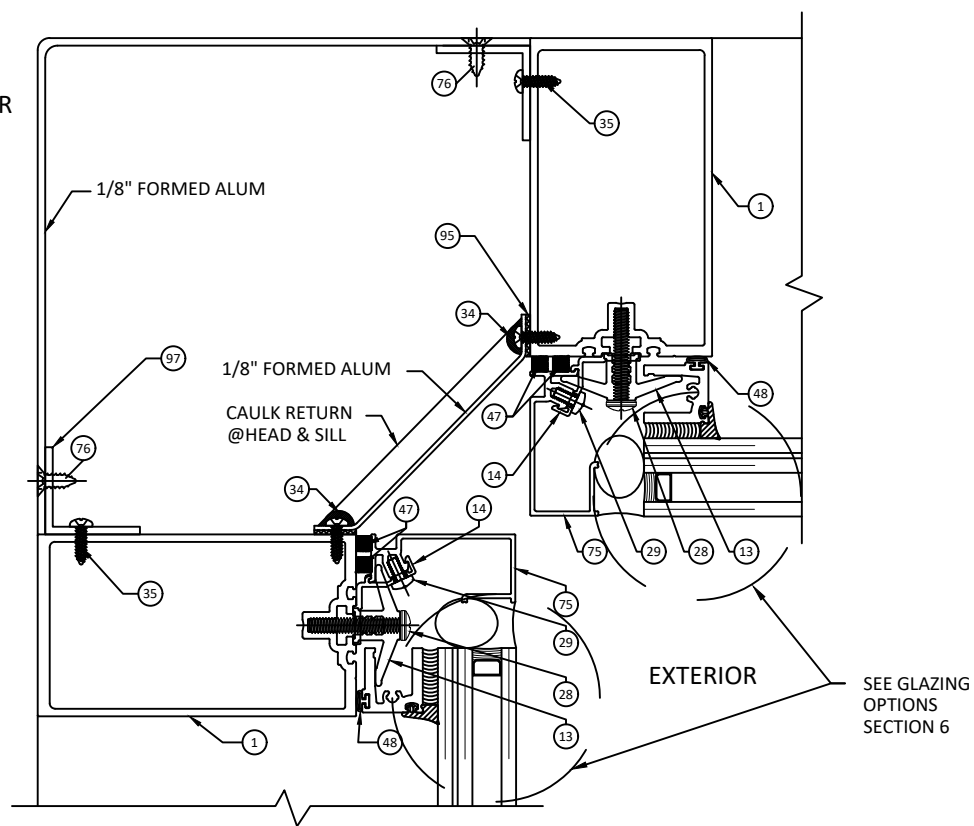
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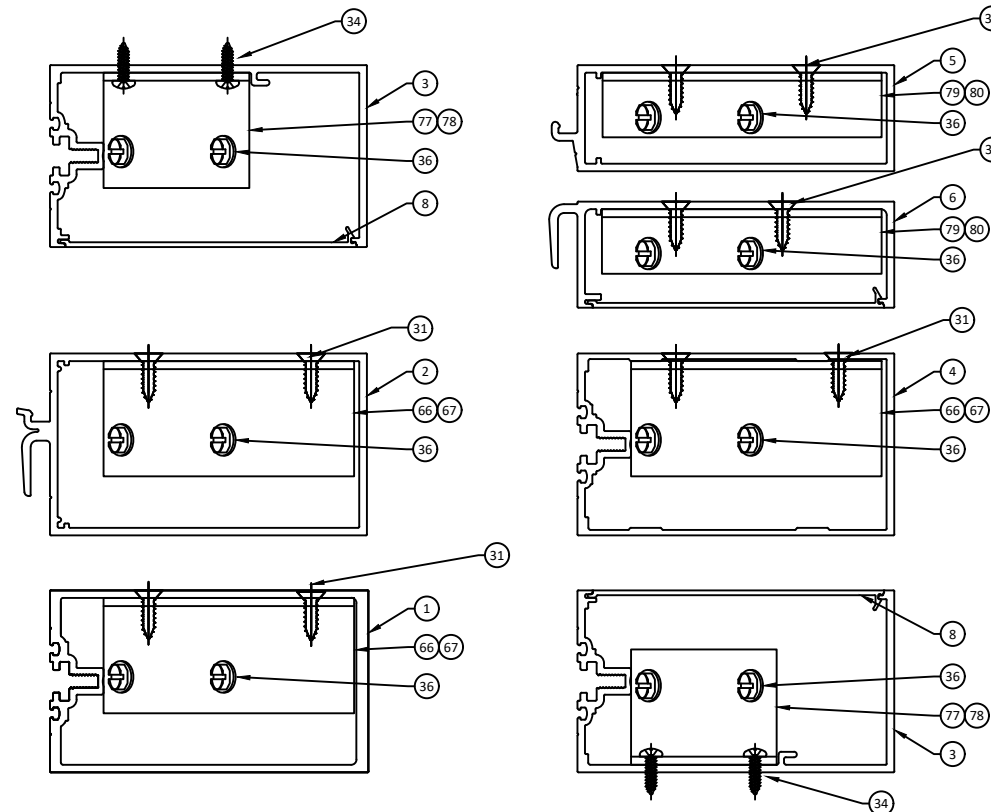
1 HORIZONTAL SECTION
4.1 90° OUTSIDE CORNER
INSULATING GLASS



3 HORIZONTAL SECTION
4.1 90° OUTSIDE CORNER
CORNER - INSULATING GLASS



2 HORIZONTAL SECTION
4.1 90° INSIDE CORNER
INSULATING GLASS



**ATTACHMENT OF HORIZONTALS AT 90
DEGREE OUTSIDE CORNER**



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TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
HORIZONTAL DETAILS-CORNERS

PREPARED BY:
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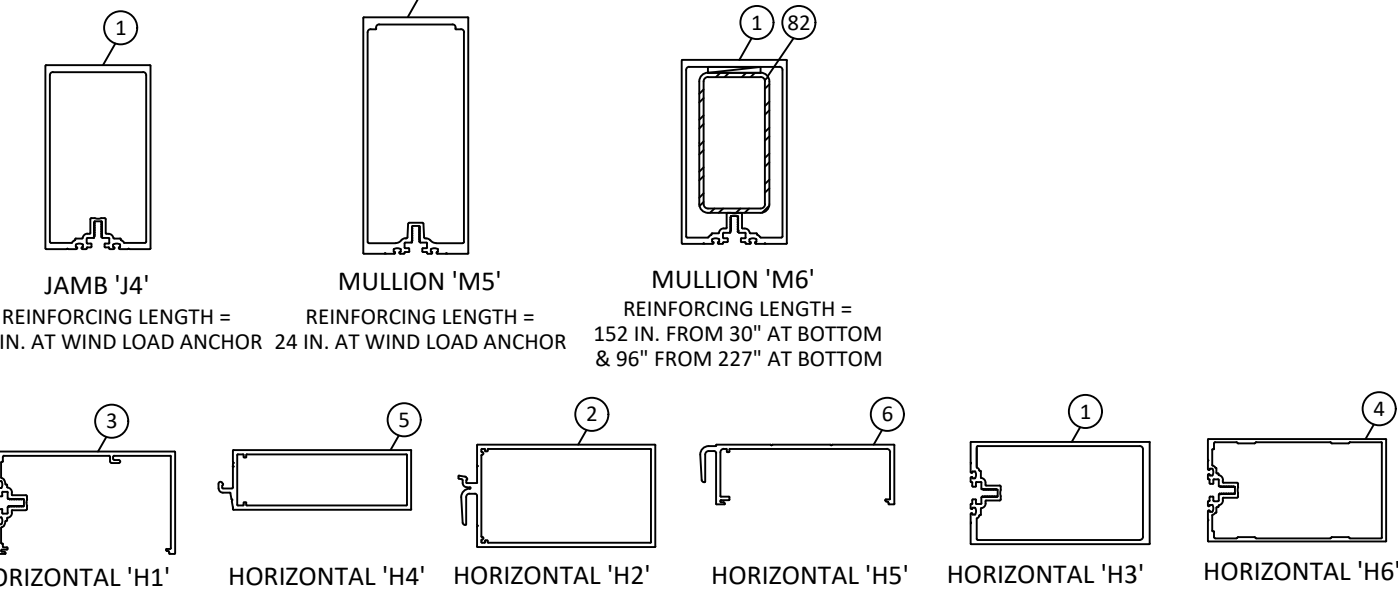
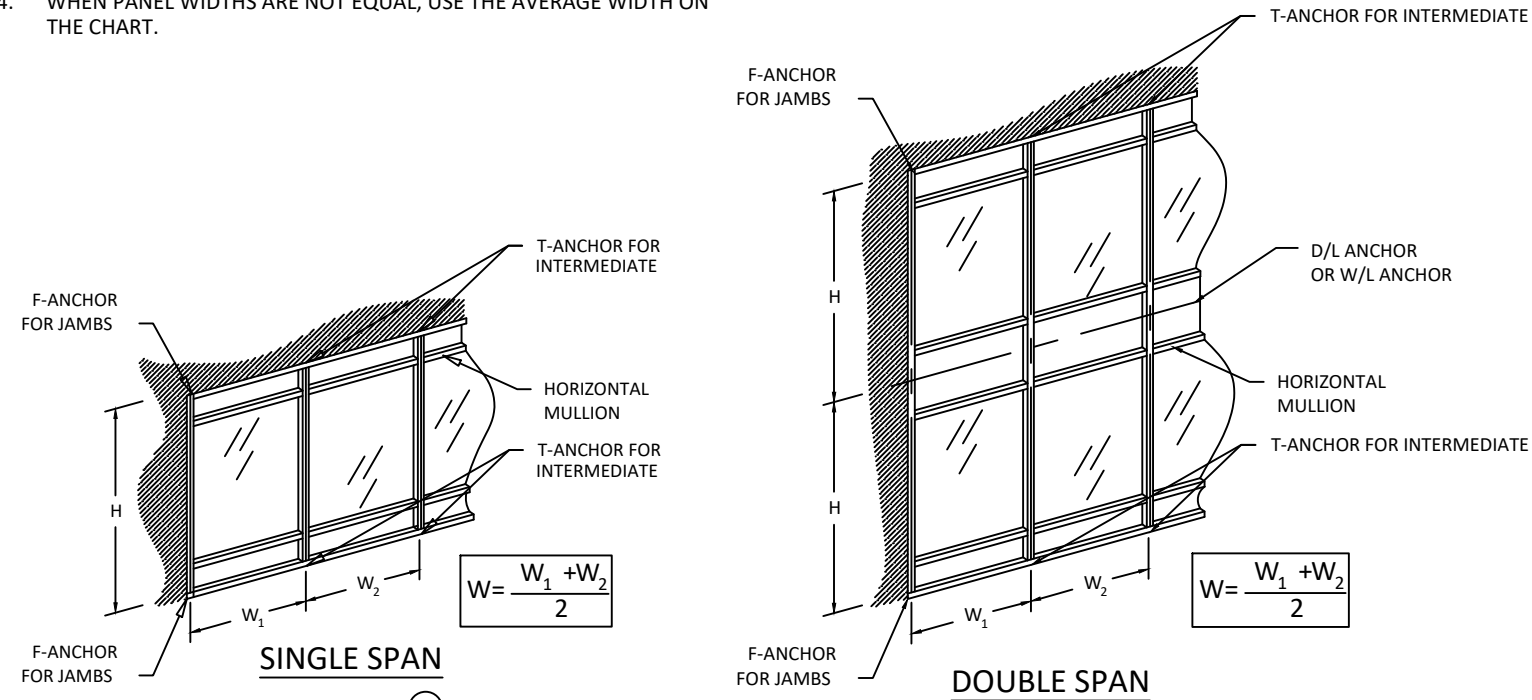
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SECTION:	4.1
REV.	A

MULLION CAPACITY CHARTS

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



* NOTE:
HORIZONTALS SHOWN ARE REFERENCED FROM SECTION 4.2 THRU SECTION 4.4

- * NOTE:
- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 - D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

JAMB/MULLION LOAD CAPACITY - Twin Span (+/- PSF)				
NOMINAL DIMS.		J4	M5	M6
WIDTH 'W' (in.)	SPAN HEIGHT 'H' (in.)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	126	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		90.0	90.0	90.0
66		90.0	90.0	90.0
72		90.0	90.0	90.0
36	132	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		90.0	90.0	90.0
66		90.0	90.0	90.0
72		90.0	90.0	90.0
36	138	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		90.0	90.0	90.0
66		90.0	90.0	90.0
72		90.0	90.0	90.0
36	145	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		90.0	90.0	90.0
66		90.0	90.0	90.0
72		90.0	90.0	90.0
36	150	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		90.0	90.0	90.0
66		90.0	90.0	90.0
72		88.1	90.0	90.0
36	156	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		90.0	90.0	90.0
66		90.0	90.0	90.0
72		88.1	90.0	90.0
36	162	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		90.0	90.0	90.0
66		88.3	90.0	90.0
72		80.9	90.0	90.0
36	168	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		90.0	90.0	90.0
66		80.8	90.0	90.0
72		74.1	90.0	90.0

JAMB/MULLION LOAD CAPACITY - Twin Span (+/- PSF)				
NOMINAL DIMS.		J3	M5	M6
WIDTH 'W' (in.)	SPAN HEIGHT 'H' (in.)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	174	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		90.0	90.0	90.0
60		88.9	90.0	90.0
66		72.5	90.0	90.0
72		66.5	90.0	90.0
36	180	90.0	90.0	90.0
42		90.0	90.0	90.0
48		90.0	90.0	90.0
54		88.7	90.0	90.0
60		79.8	90.0	90.0
66		72.5	90.0	90.0
72		66.5	90.0	90.0
36	186	90.0	90.0	90.0
42		90.0	90.0	90.0
48		89.1	90.0	90.0
54		79.2	90.0	90.0
60		71.3	90.0	90.0
66		64.8	90.0	90.0
72		59.4	90.0	90.0
36	192	90.0	90.0	90.0
42		90.0	90.0	90.0
48		79.9	90.0	90.0
54		71.0	90.0	90.0
60		63.9	90.0	90.0
66		58.1	90.0	90.0
72		53.2	90.0	90.0
36	198	90.0	90.0	90.0
42		90.0	90.0	90.0
48		79.9	90.0	90.0
54		71.0	90.0	90.0
60		57.5	90.0	90.0
66		52.3	90.0	90.0
72		47.9	90.0	90.0
36	204	90.0	90.0	90.0
42		82.2	90.0	90.0
48		71.9	90.0	90.0
54		63.9	90.0	90.0
60		57.5	90.0	90.0
66		52.3	90.0	90.0
72		43.3	87.7	87.7

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

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

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

REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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

FL #:

FL25556

DATE: 12.06.17

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

SCALE: NTS

DWG. #: YKK251

SECTION:	REV. A
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4.4

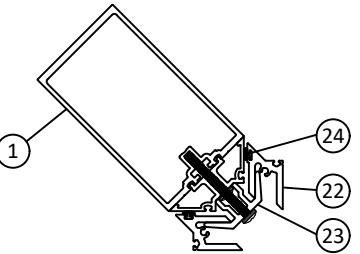
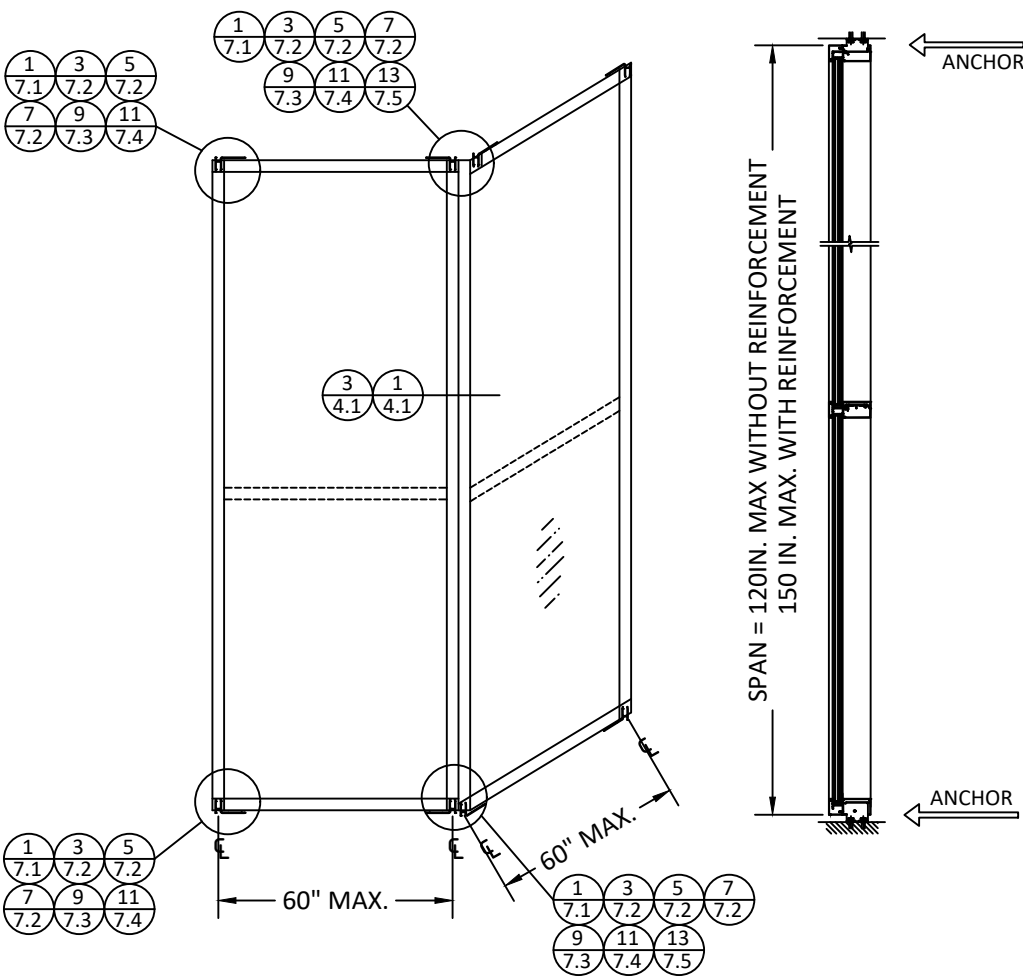
[Page 10 of 38]

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CORNER MULLION W/O REINFORCING
SINGLE SPAN WITH OR WITHOUT HORIZONTAL

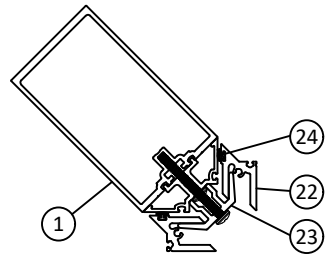
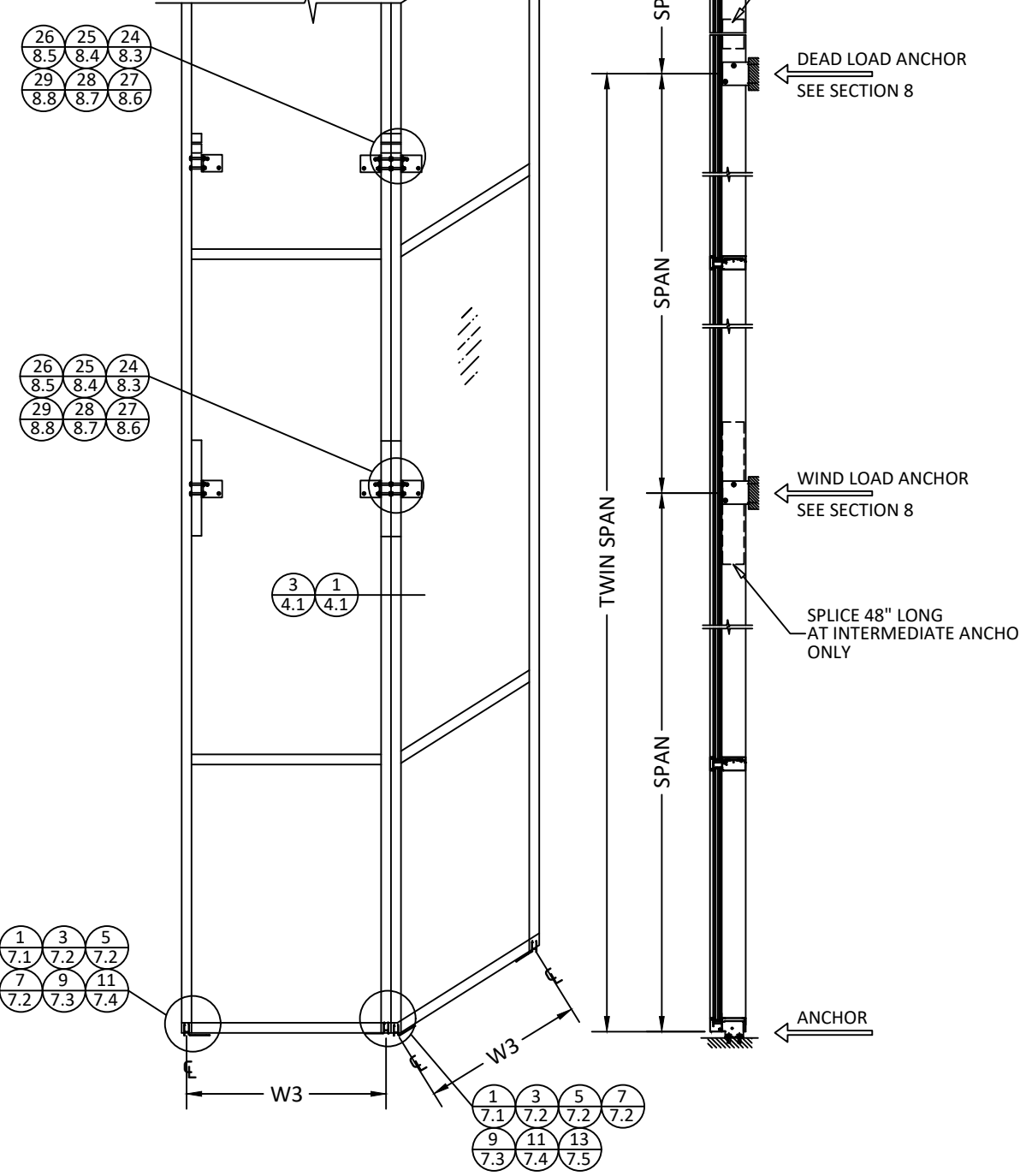


CORNER MULLION
W/ STEEL REINF.

WIDTH-W INCHES	FRAME HEIGHT INCHES	DP (+/- PSF)
60	150.5	90.0
66	138	90.0
72	120	90.0

NOTE:
USE 'F' ANCHOR CLIP AT JAMB AND
'T' ANCHOR CLIP AT MULLION SEE
SECTION 7 FOR DETAILS

CORNER MULLION W/ ALUM REINFORCING
TWIN SPAN WITH HORIZONTAL



CORNER MULLION
W/ STEEL SPLICE

WIDTH-W INCHES	FRAME HEIGHT INCHES	DP (+/- PSF)
60	150.5	90

NOTE:
USE 'F' ANCHOR CLIP AT JAMB AND
'T' ANCHOR CLIP AT MULLION SEE
SECTION 7 FOR DETAILS



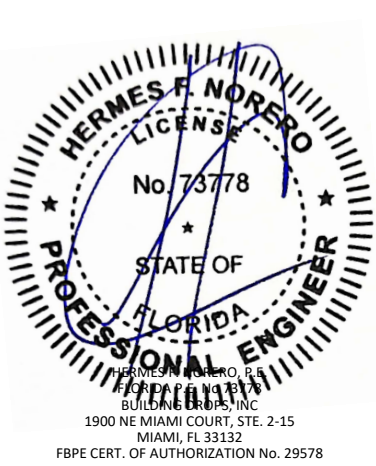
YKK AP AMERICA
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
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CORNER MULLION DETAILS

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FL #:
FL25556

DATE: **12.06.17**

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

SCALE: **NTS**

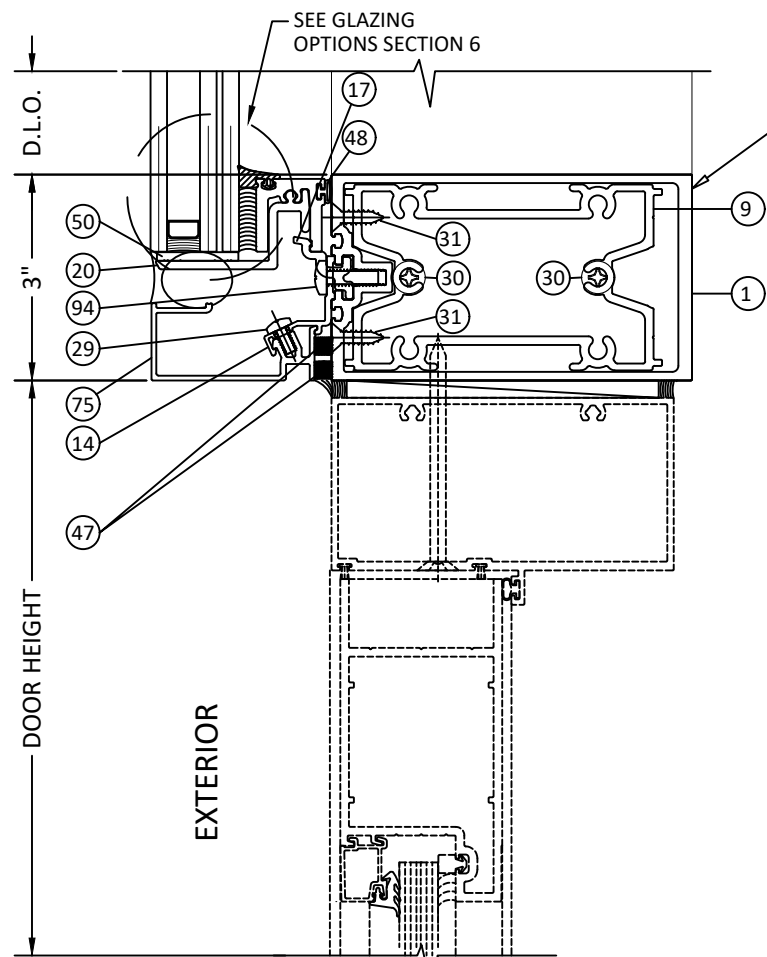
DWG. #: **YKK251**

SECTION: **4.5** REV. **A**

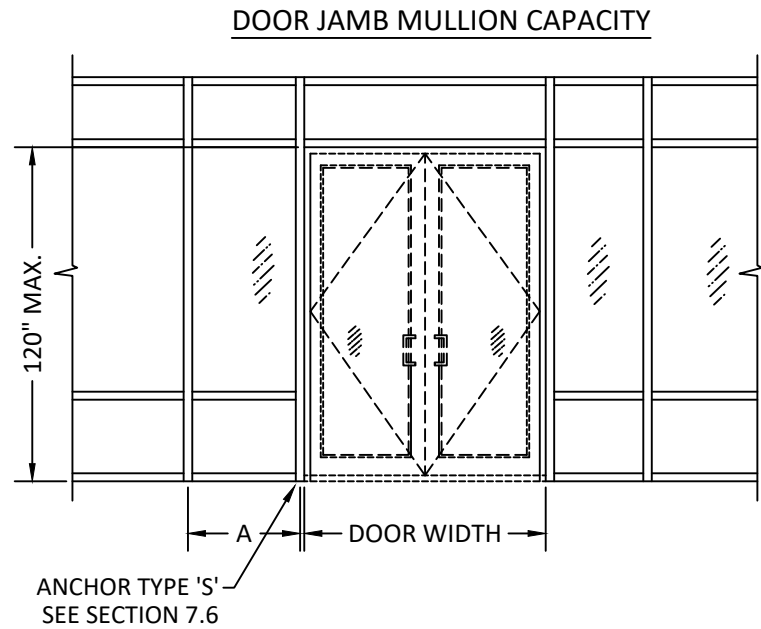
[Page 11 of 38]

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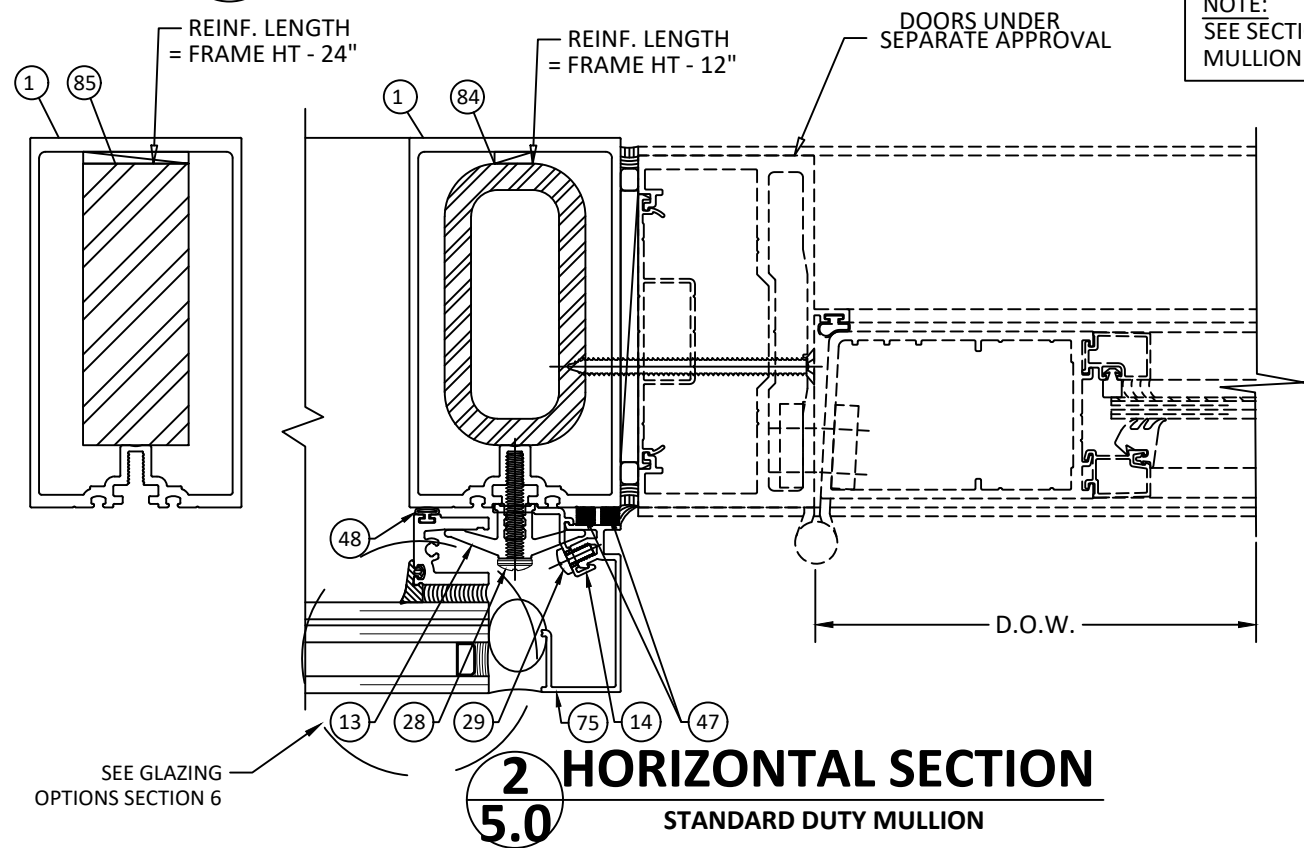
HORIZ. SPAN MAX.	DESIGN LOAD	
	W/O SPLICE REINF.	W/ SPLICE REINF.
97'-3/4"	43 PSF	80 PSF
85'-3/4"	58 PSF	90 PSF



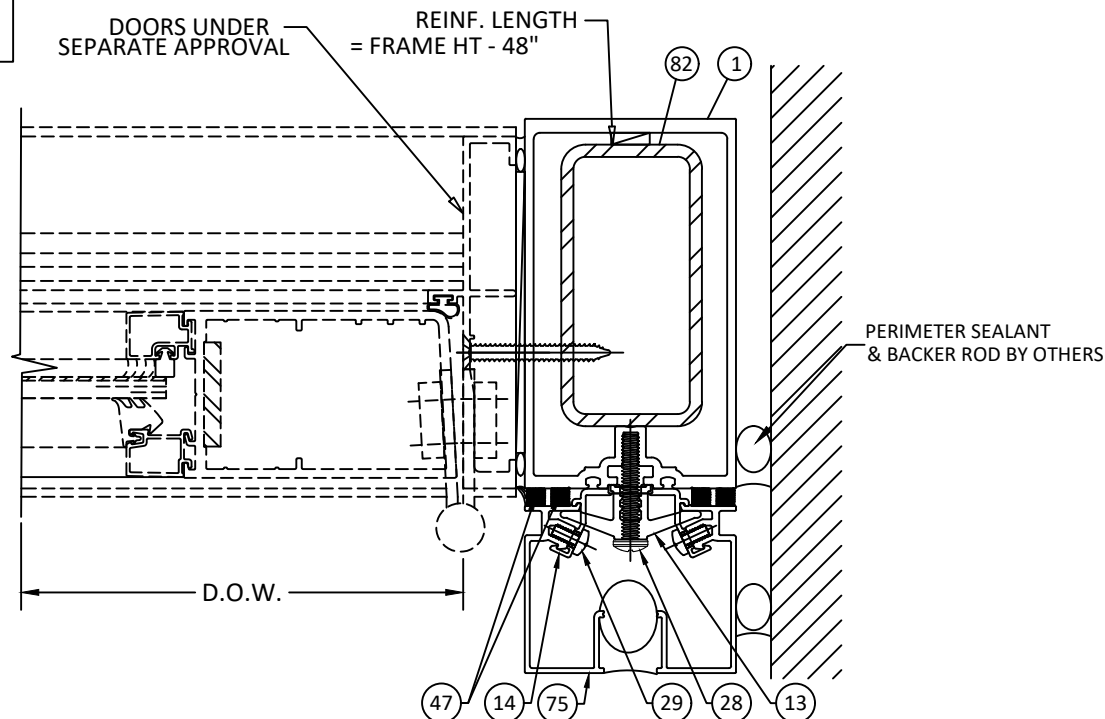
MAX. DOOR OPNG, WIDTH	A/2	DP (+/- PSF)
96"	15"	90.0
84"	19"	90.0
72"	23"	90.0

NOTE:
FOR DOOR HEIGHT LESS THAN 120 IN. USE ABOVE TABLE.

1 HORIZONTAL SECTION
5.0 STANDARD DUTY MULLION



NOTE:
SEE SECTION 4.3 FOR
MULLION DESIGN PRESSURES.



3 HORIZONTAL SECTION
5.0 STANDARD DUTY MULLION



Quality
inspires™

YKK AP AMERICA

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

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

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

FL #:

FL25556

DATE:

12.06.17

DWG. BY:

RV

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK251

SECTION:

5.0

REV.

A

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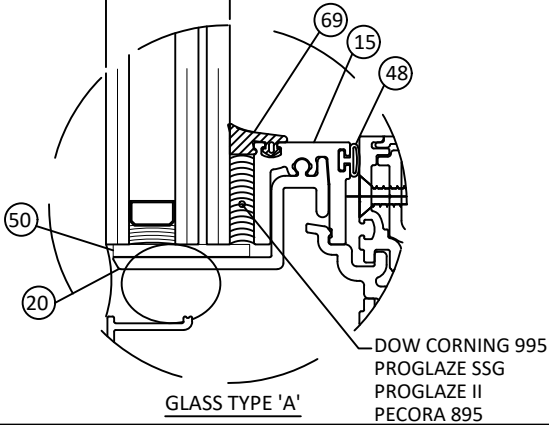
GLASS CAPACITY

- NOTES:
1. CHART VALUES PROVIDE MAXIMUM DESIGN PRESSURES ACCORDING TO ASTM E1300-09 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

GLAZING OPTIONS (90 PSF)

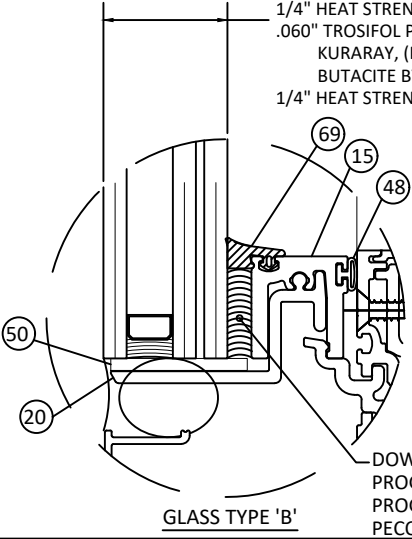
LARGE MISSILE IMPACT

1 5/16" O.A. I.G. CONSISTING OF:
1/4" HEAT STRENGTHENED
1/2" AIR SPACE
1/4" HEAT STRENGTHENED
.090" SENTRYGLAS BY KURARAY
1/4" HEAT STRENGTHENED

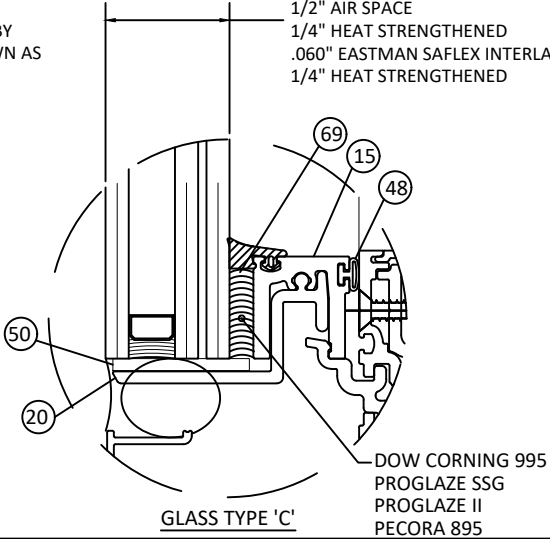


SMALL MISSILE IMPACT

1 5/16" O.A. I.G. CONSISTING OF:
1/4" TEMPERED GLASS
1/2" AIR SPACE
1/4" HEAT STRENGTHENED
.060" TROSIFOL PVB INTERLAYER BY KURARAY, (FORMERLY KNOWN AS BUTACITE BY DUPONT)
1/4" HEAT STRENGTHENED



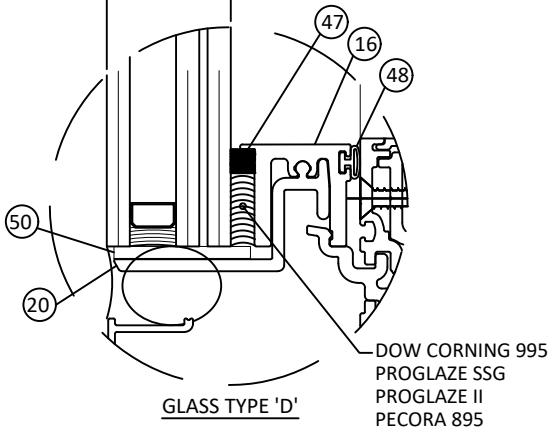
1 5/16" O.A. I.G. CONSISTING OF:
1/4" TEMPERED GLASS
1/2" AIR SPACE
1/4" HEAT STRENGTHENED
.060" EASTMAN SAFLEX INTERLAYER
1/4" HEAT STRENGTHENED



GLAZING OPTIONS (70 PSF)

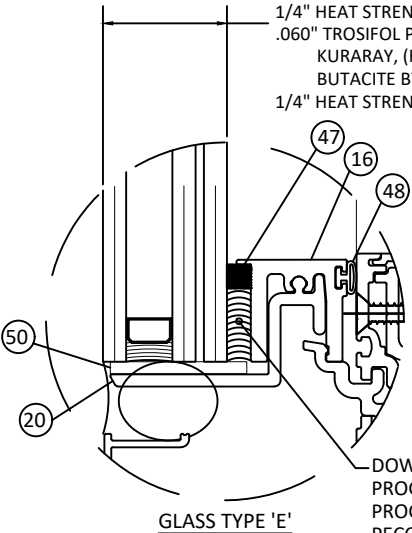
LARGE MISSILE IMPACT

1 5/16" O.A. I.G. CONSISTING OF:
1/4" HEAT STRENGTHENED
1/2" AIR SPACE
1/4" HEAT STRENGTHENED
.090" SENTRYGLAS BY KURARAY
1/4" HEAT STRENGTHENED

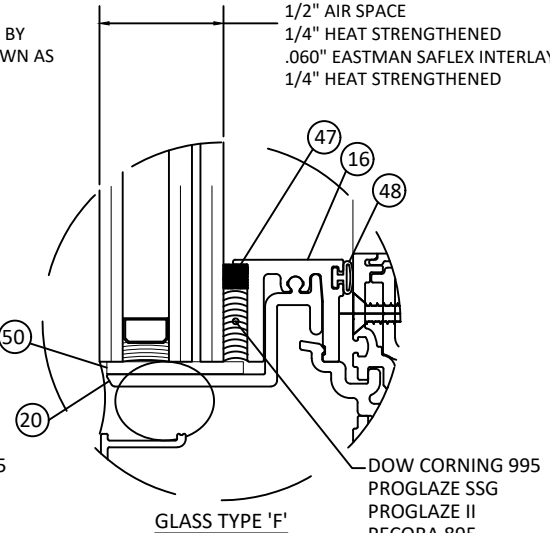


SMALL MISSILE IMPACT

1 5/16" O.A. I.G. CONSISTING OF:
1/4" TEMPERED GLASS
1/2" AIR SPACE
1/4" HEAT STRENGTHENED
.060" TROSIFOL PVB INTERLAYER BY KURARAY, (FORMERLY KNOWN AS BUTACITE BY DUPONT)
1/4" HEAT STRENGTHENED

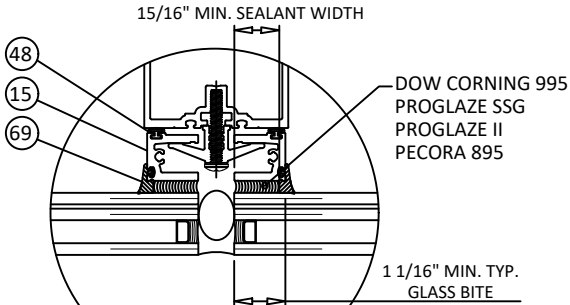


1 5/16" O.A. I.G. CONSISTING OF:
1/4" TEMPERED GLASS
1/2" AIR SPACE
1/4" HEAT STRENGTHENED
.060" EASTMAN SAFLEX INTERLAYER
1/4" HEAT STRENGTHENED

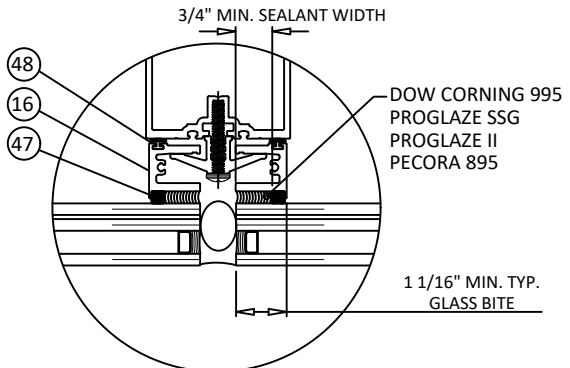


* NOTE:
1. SETTING BLOCK AND SETTING BLOCK CHAIR CHANGES BASED ON HORIZONTAL SECTION. SEE SECTION 3.0 FOR MORE INFORMATION.

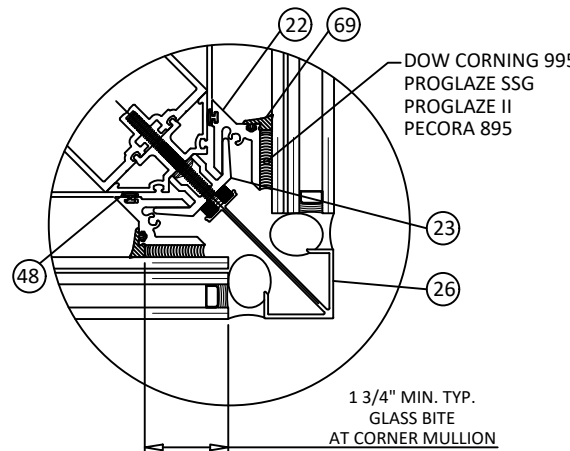
1/2" AIR SPACE CONSISTING OF :
- SPACER: ALUMINUM BOX SPACER.
- PRIMARY SEALANT: POLYISOBUTYLENE (PIB).
- SECONDARY SEALANT: STRUCTURAL SILICONE INTENDED FOR FABRICATION OF INSULATING GLASS UNITS.



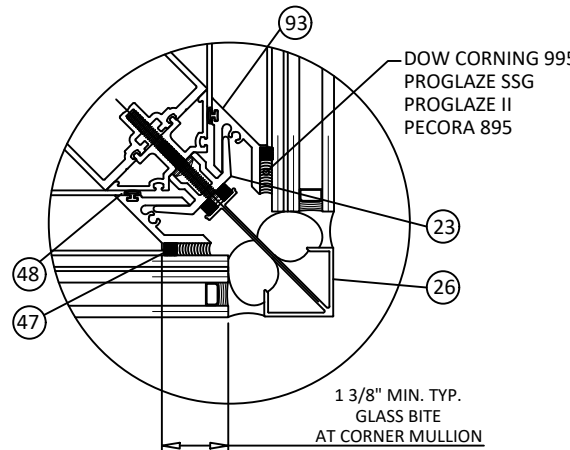
GLAZING DETAIL AT MULLION (90 PSF)



GLAZING DETAIL AT MULLION (70 PSF)



GLAZING DETAIL AT CORNER MULLION (90 PSF)



GLAZING DETAIL AT CORNER MULLION (70 PSF)



YKK AP AMERICA
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ATLANTA, GA 30303
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SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
GLAZING DETAILS

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FL #:	FL25556
DATE:	12.06.17
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK251
SECTION:	6.0
REV.	A

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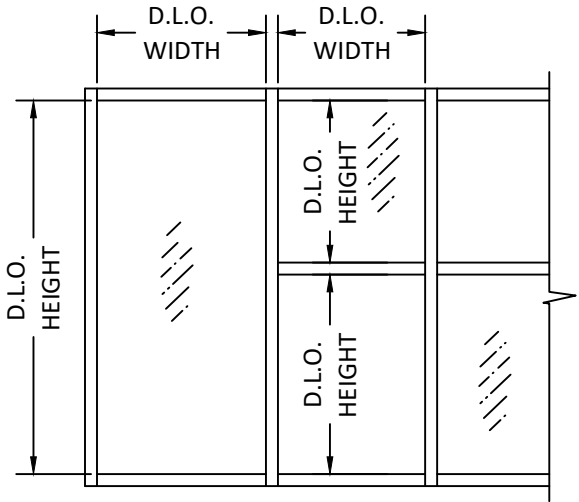
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GLASS CAPACITY TABLE

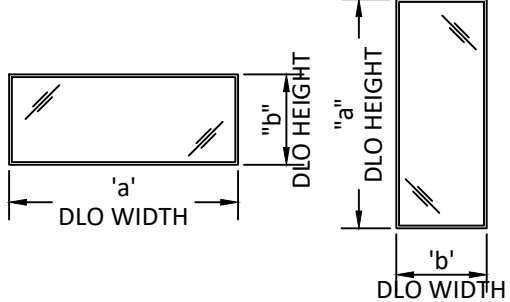
GLASS LOAD CAPACITY (PSF)				
NOMINAL DIMS.		GLASS TYPES A & C	GLASS TYPES B	GLASS TYPES D, E & F
DLO WIDTH 'a' (in.)	DLO HEIGHT 'b' (in.)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
42	36	90.0	90.0	70.0
48		90.0	90.0	70.0
54		90.0	90.0	70.0
59		88.1	87.8	68.5
66		75.7	75.4	58.9
72		67.3	67.0	52.3
76		62.4	62.1	48.5
82		56.8	56.6	44.2
42	42	90.0	90.0	70.0
48		90.0	90.0	70.0
54		90.0	90.0	70.0
59		90.0	90.0	70.0
66		80.8	80.4	62.8
72		71.3	71.0	55.4
76		65.8	65.5	51.2
82		59.6	59.3	46.3
42	48	90.0	90.0	70.0
48		90.0	90.0	70.0
54		90.0	90.0	70.0
59		90.0	90.0	70.0
66		86.5	86.2	67.3
72		75.7	75.4	58.9
76		69.5	69.3	54.1
82		62.7	62.4	48.7
42	54	90.0	90.0	70.0
48		90.0	90.0	70.0
54		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
72		80.8	80.4	62.8
76		73.8	73.5	57.4
82		66.1	65.8	51.4
42	60	90.0	90.0	70.0
48		90.0	90.0	70.0
54		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
72		86.5	86.2	67.3
76		78.6	78.3	61.1
82		69.9	69.6	54.4

GLASS LOAD CAPACITY (PSF)				
NOMINAL DIMS.		GLASS TYPES A & C	GLASS TYPES B	GLASS TYPES D, E & F
DLO WIDTH 'a' (in.)	DLO HEIGHT 'b' (in.)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
42	66	90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66		80.8	80.8	62.8
72		88.1	88.1	68.6
76		84.0	84.0	65.3
82		74.2	74.2	57.7
42		90.0	90.0	70.0
48	72	90.0	90.0	70.0
59		90.0	90.0	70.0
66		80.8	80.8	62.8
72		74.1	74.1	57.6
76		78.4	78.4	61.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66	78	80.8	80.8	62.8
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66	84	90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66	90	90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66	93	90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66	96	90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66	102	90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66	108	90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0
66		90.0	90.0	70.0
42		90.0	90.0	70.0
48		90.0	90.0	70.0
59		90.0	90.0	70.0



PANEL DIMENSIONS

('a' ≥ 'b')



- * NOTE:
- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 - D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.



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DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK251
SECTION:	6.1
REV.	A

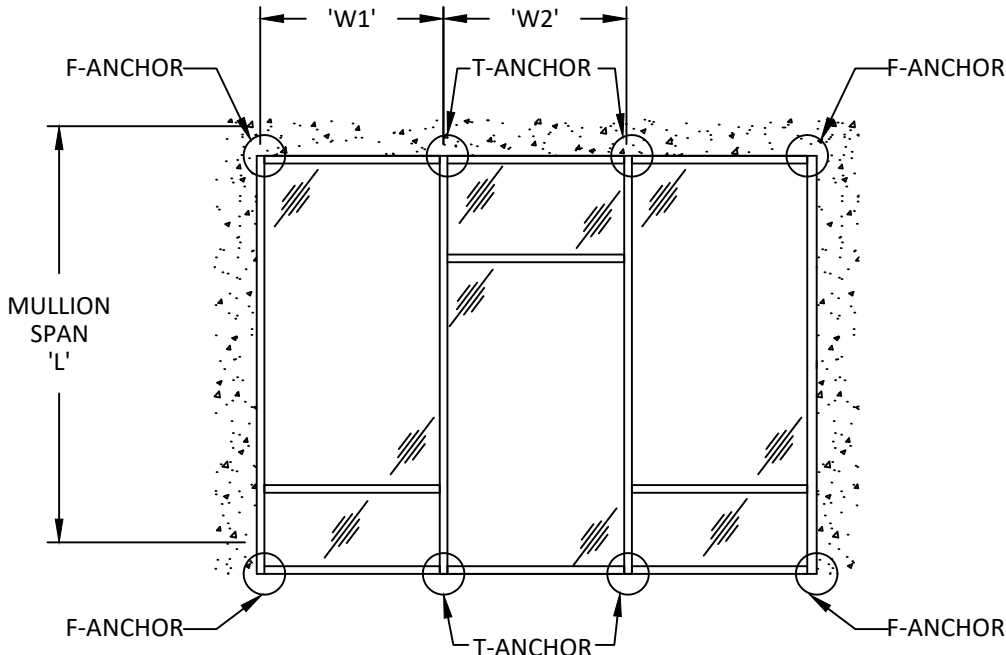
F, T & S ANCHOR TYPES

TYPE	DIAMETER	ANCHOR TYPE	SUBSTRATE	MINIMUM EDGE DISTANCE	MINIMUM EMBEDMENT
A	1/2"	HILTI KWIK BOLT TZ	MIN. 3000 PSI CONCRETE 'UNCRACKED'	3 1/4"	3 5/8"
			MIN. 3000 PSI CONCRETE 'CRACKED OR UNCRACKED'	4 1/2"	
			MIN. 4000 PSI CONCRETE 'UNCRACKED'	3 1/4"	
			MIN. 4000 PSI CONCRETE 'CRACKED OR UNCRACKED'	3 3/4"	
B	1/2"	HILTI HAS + HIT HY200 ADHESIVE ANCHOR	MIN. 4000 PSI CONCRETE 'CRACKED OR UNCRACKED'	5"	5"
C	1/2"	POWERS WEDGE-BOLT +	MIN. 3000 PSI CONCRETE 'UNCRACKED'	4 1/8"	3 1/2"
			MIN. 3000 PSI CONCRETE 'CRACKED OR UNCRACKED'	6 3/8"	
D	1/2"	ASTM A325 OR SAE GR. 5 THREADED BOLT WITH NUT & WASHER OR DRILL & TAP, OR ELCO TAP-FLEX GR. 5 SELF TAPPING BOLT	MIN. 1/4" THICK, A36 STEEL	1 1/2"	MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE OR NUT
E	1/2"	SIMPSON TITEN HD	MIN. 4000 PSI CONCRETE 'UNCRACKED'	3 5/8"	4"
F	1/2"	HILTI KWIK BOLT3	MIN. 4000 PSI CONCRETE 'UNCRACKED'	4"	3 1/4"
G	1/2"	SELF-TAPPING OR THREADED BOLT, MIN. SAE GR. 5 OR ASTM A325	MIN. 3/16" THICK A36 STEEL	1 1/4"	- FOR SELF-TAPPING OR DRILL & TAPPED HOLES, MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE. - FOR STANDARD DRILLED HOLES, PENETRATION TO BE SUFFICIENT TO MAINTAIN FULL ENGAGEMENT WITH NUT & WASHER
H	3/8"	SIMPSON TITEN HD	MIN. 4000 PSI CONCRETE 'CRACKED OR UNCRACKED'	3 5/8"	3 1/4"
I	3/8"	HILTI KWIK BOLT3	MIN. 4000 PSI CONCRETE 'UNCRACKED'	4"	2 5/16"
J	5/16"	ELCO DRIL-FLEX OR HILTI KWIK-FLEX SELF-DRILLING	MIN. 16 GAUGE STEEL, MIN. Fy = 33KSI	3/4"	MIN. 3 THREADS PENETRATION BEYOND STEEL STRUCTURE
K	#14	ELCO CRETE FLEX SS4	MIN. 3500 PSI CONCRETE 'UNCRACKED'	1 3/4"	1 3/4"
L	1/4"	HILTI KWIK-CONII+	MIN. 2000 PSI CONCRETE 'UNCRACKED'	1 3/4"	1 3/4"
M	M12	HALFEN TEE-BOLT GR. 8.8 FOR USE WITH HT3512 & HT6112 HALFEN CAST IN CHANNELS	MIN. 4000 PSI CONCRETE 'CRACKED OR UNCRACKED'	3"	PER HALFEN'S SPECIFICATIONS HT3512 = 3 1/8" HT6112 = 6 3/8"
O	3/8"	Power Wedge Bolt +	MIN 3000 PSI CONCRETE	3 1/4'	2 1/8"
	#14	WOOD SCREW	WOOD (MIN SG. = 0.55)	1"	1 1/4"
	1/4"	GR 5 SM SCREW			
	1/4"	ELCO ULTA -CON			

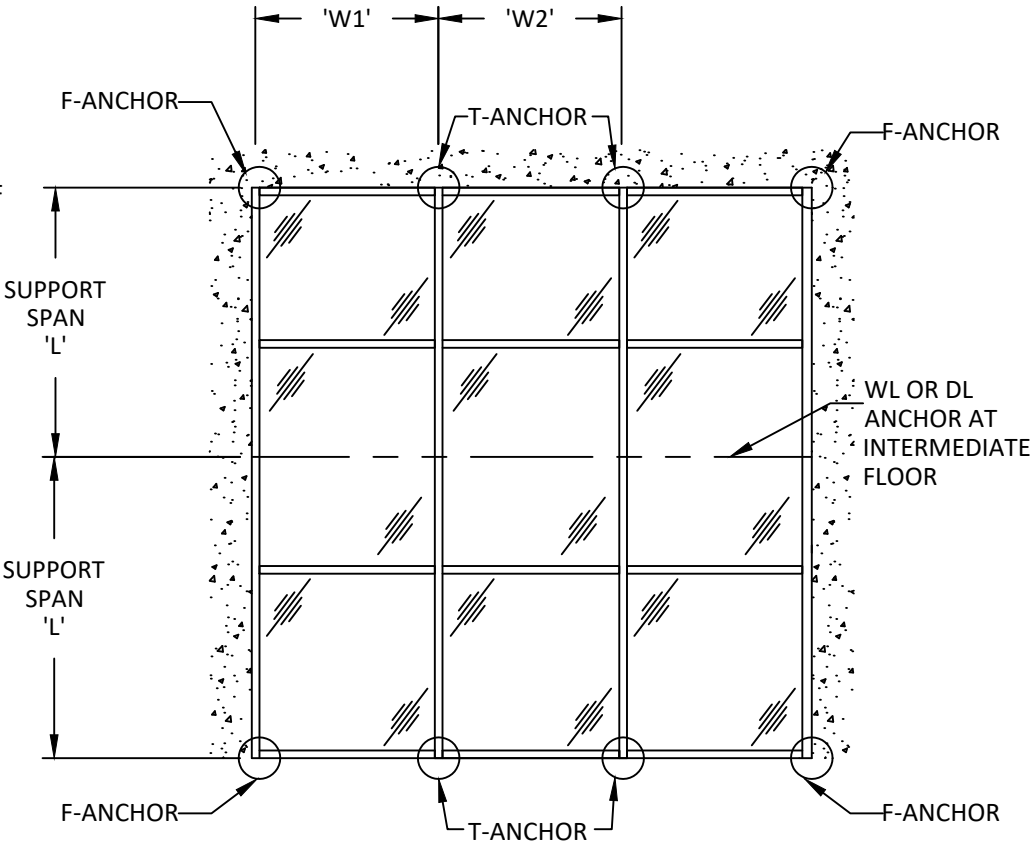
- NOTE:
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - REFER TO ANCHOR LAYOUTS AT RIGHT FOR LOCATIONS AND DETERMINING MAX. LENGTHS (L) AND TRIBUTARY WIDTHS (W).
 - FOR SITE CONDITIONS NOT SHOWN IN THE DETAILS HEREIN OR EDGE DISTANCE REQUIREMENTS TO BE MODIFIED, ANCHORS MAY BE ENGINEERED ON A SITE SPECIFIC BASIS.
 - REFER TO SECTION 7.1 THRU 7.6 FOR ANCHOR CONFIGURATIONS.
 - REFER TO SECTION 7.7 THRU 7.9 FOR T, F, & S ANCHOR TYPE CAPACITIES.
 - 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.

MULLION SPACING OR BAY WIDTH, 'W', FOR T-ANCHORS	$W = \frac{W1 + W2}{2}$
MULLION SPACING OR BAY WIDTH, 'W', FOR F-ANCHORS AT JAMBS	W = W1
MULLION SPACING OR BAY WIDTH, 'W', FOR F-ANCHORS AT VERTICAL MULL WITH DOORS	$*W = \frac{W1 + W2}{2}$

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



SINGLE SPAN ANCHOR LAYOUT



MULTI SPAN ANCHOR LAYOUT - TYP.



YKK AP AMERICA
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ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

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



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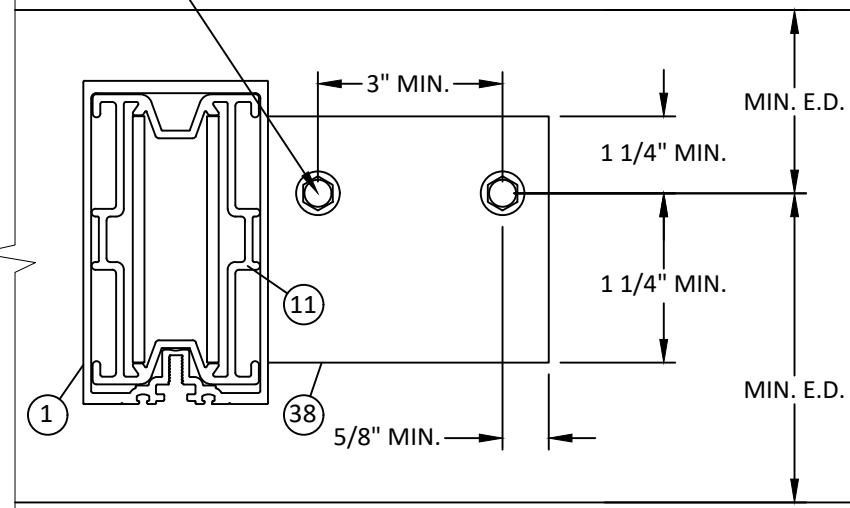


FL #:	FL25556
DATE:	12.06.17
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK251
SECTION:	7.0
REV.	A

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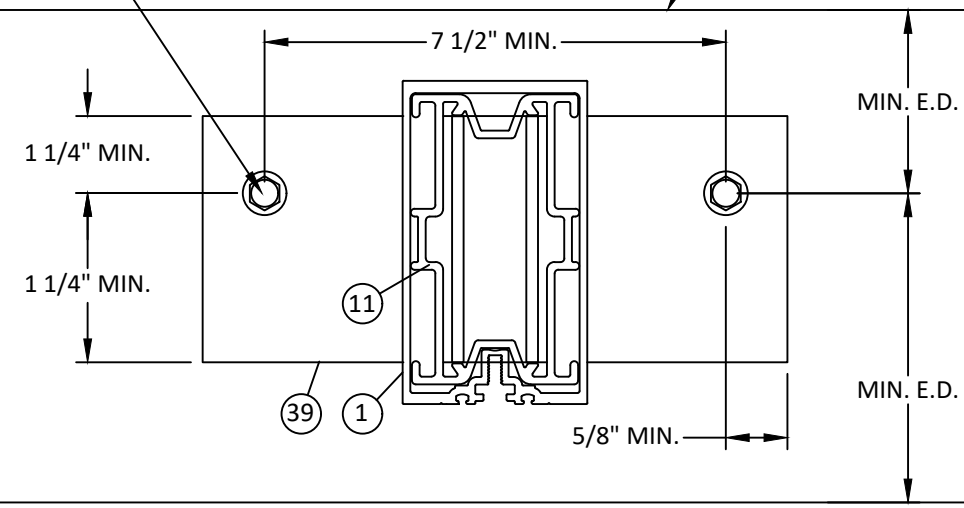
INSTALLATION ANCHOR
TYPES B, C, D, E, F, G, H, & I



1
7.1 **HORIZONTAL SECTION**
F-ANCHOR
CONFIG 1

NOTE:
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

INSTALLATION ANCHOR
TYPES B, C, D, E, F, G, H, & I

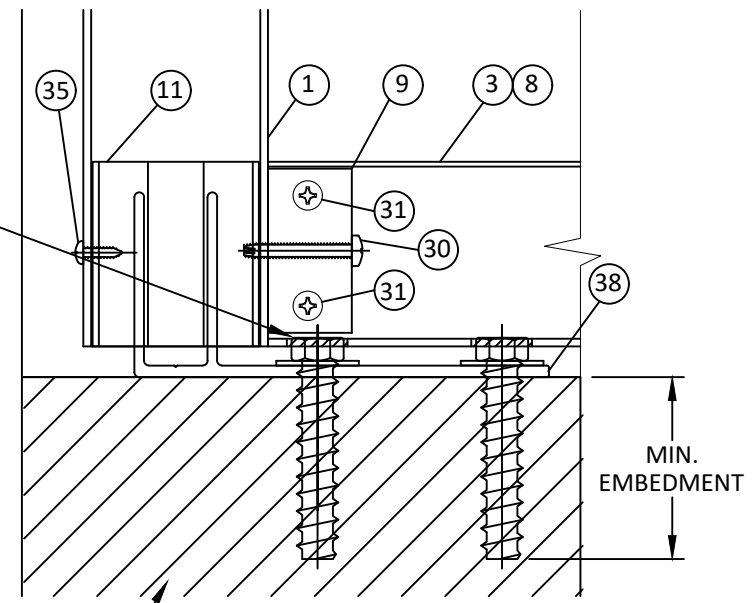


2
7.1 **HORIZONTAL SECTION**
T-ANCHOR
CONFIG 1

NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH E1-3066 ANCHOR SLEEVE.
ANCHORS ARE THE SAME FOR BOTH DEPTHS.

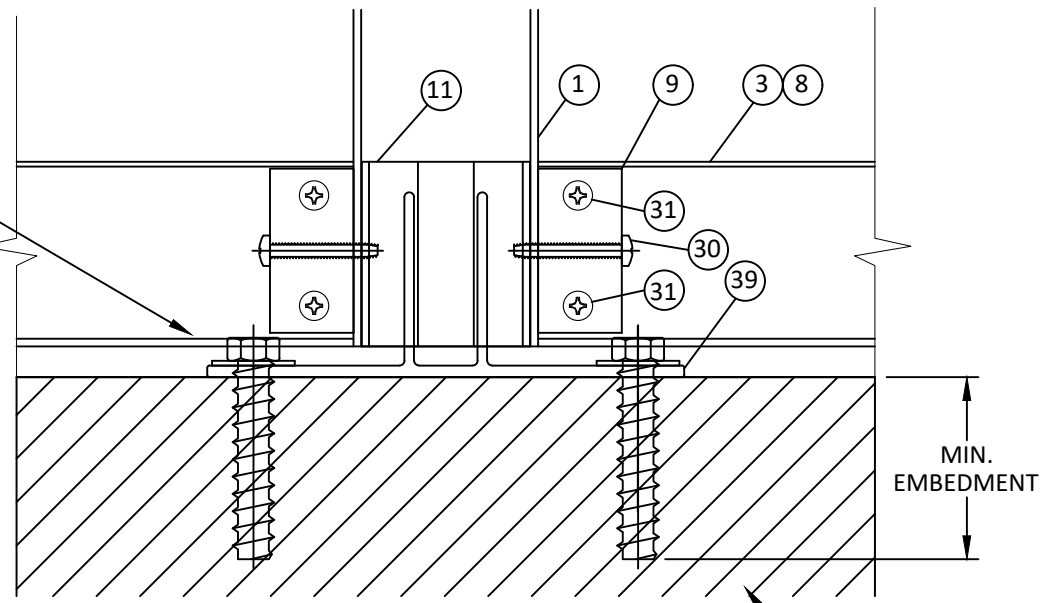
EDGE OF OPENING SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS

SEE NOTES 1-3



EXTERIOR VIEW
F-ANCHOR (TYPICAL)

SEE NOTES 1-3



EXTERIOR VIEW
T-ANCHOR (TYPICAL)

CONCRETE OR STEEL SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS



YKK AP AMERICA
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ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

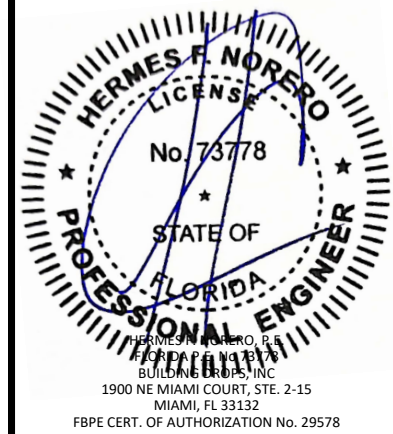
TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
F & T - ANCHOR DETAILS

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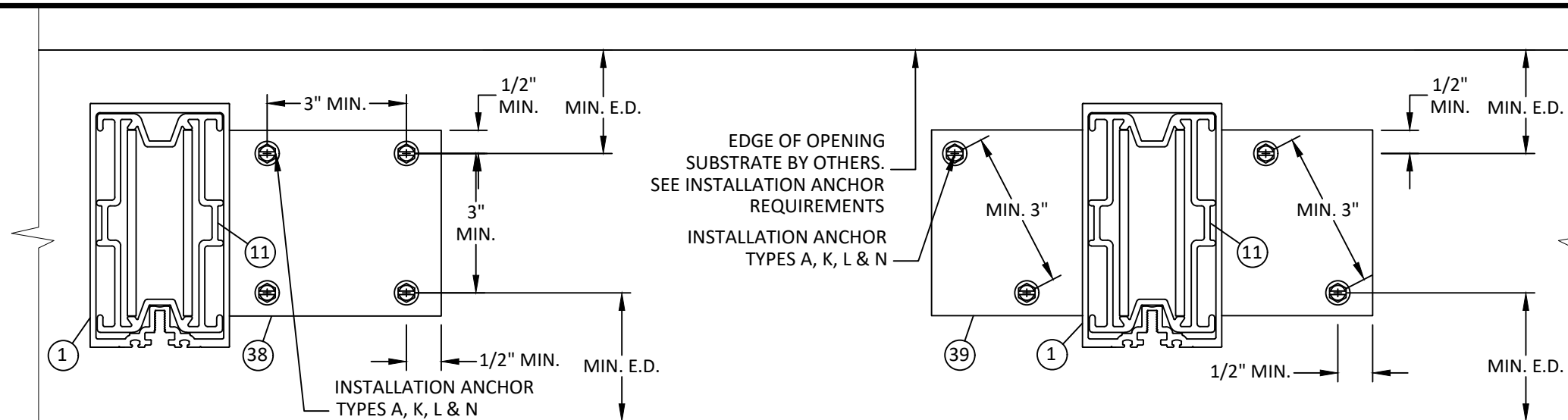
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:	FL25556
DATE:	12.06.17
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK251
SECTION:	7.1
REV.	A

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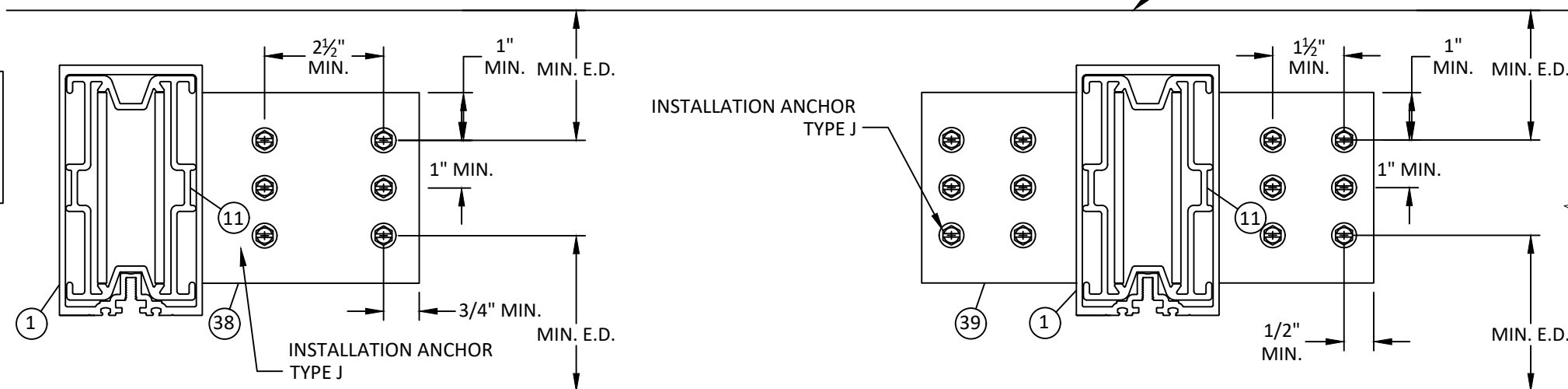
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3 HORIZONTAL SECTION
7.2
F-ANCHOR
CONFIG 2

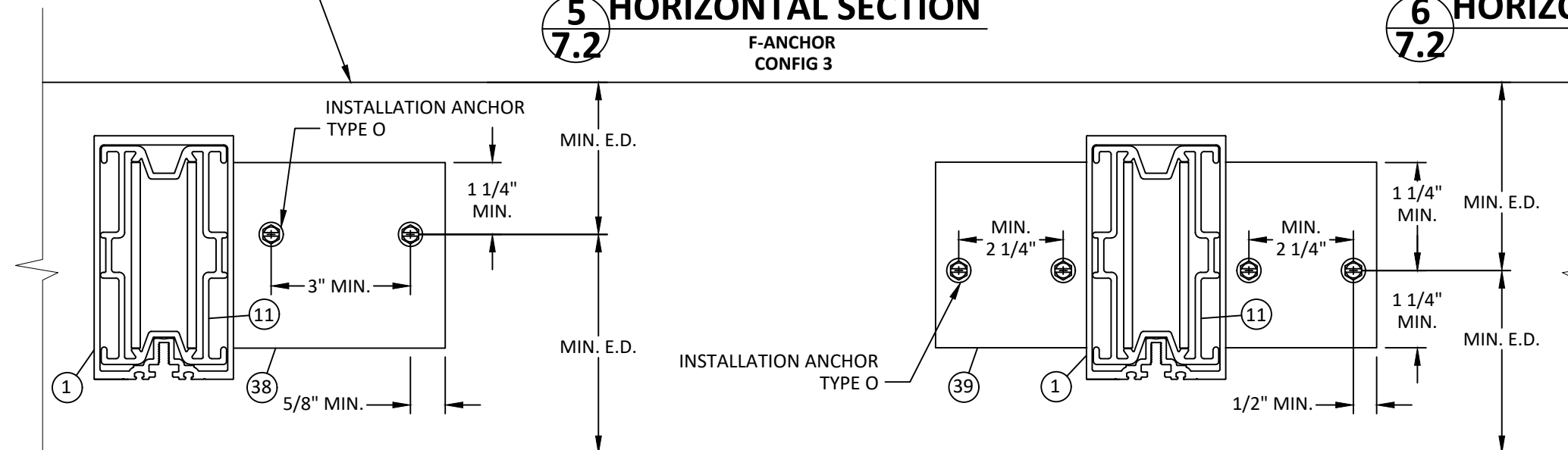
4 HORIZONTAL SECTION
7.2
T-ANCHOR
CONFIG 2

NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH
E1-3066 ANCHOR SLEEVE.
ANCHORS ARE THE SAME FOR BOTH DEPTHS.



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



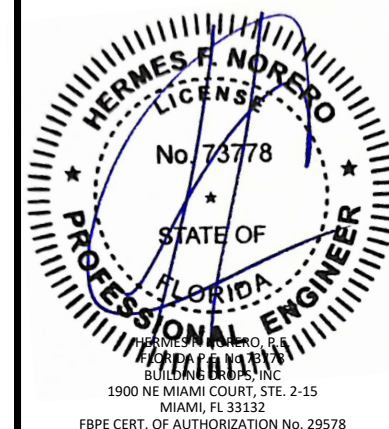
YKK AP AMERICA
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (478)277-1955 FAX: (678)838-6001

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

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

REMARKS	BY	DATE
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DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:

FL25556

DATE: **12.06.17**

DWG. BY:
RV

CHK. BY:
HFN

SCALE: **NTS**

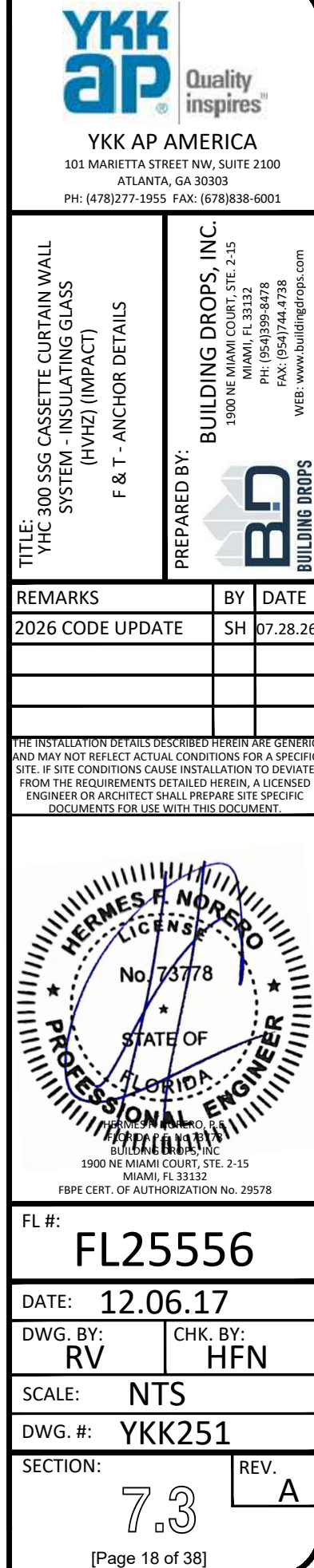
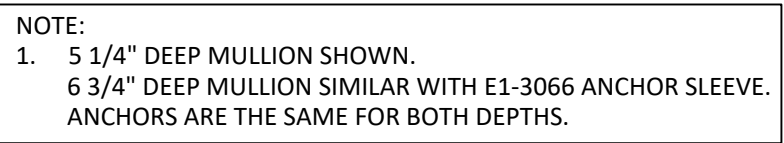
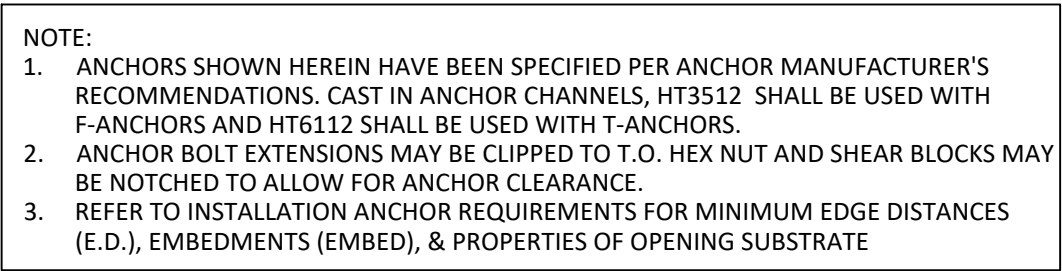
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SECTION:

REV.

7.2

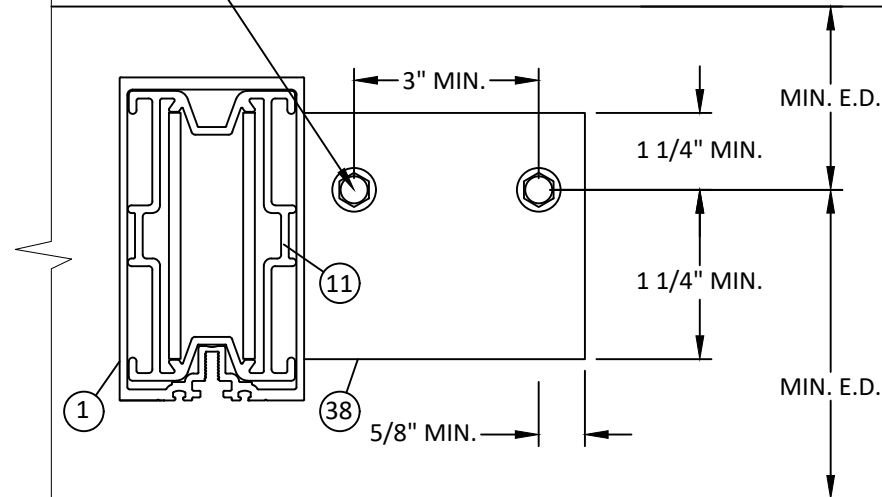
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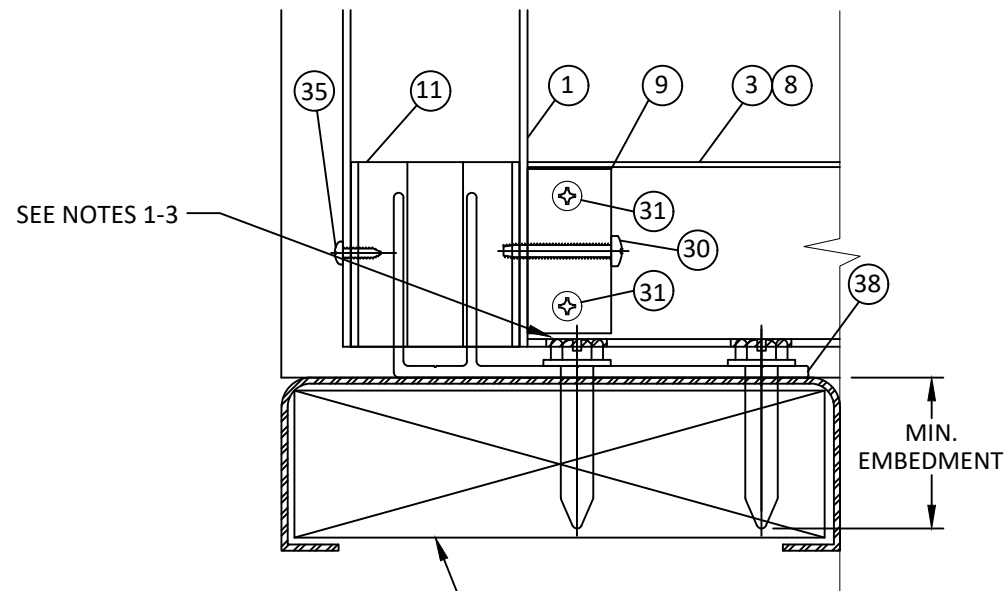
INSTALLATION ANCHOR
TYPES B, C, D, E, F, G, H, & I



11 **HORIZONTAL SECTION**
7.4 **F-ANCHOR**
CONFIG 1

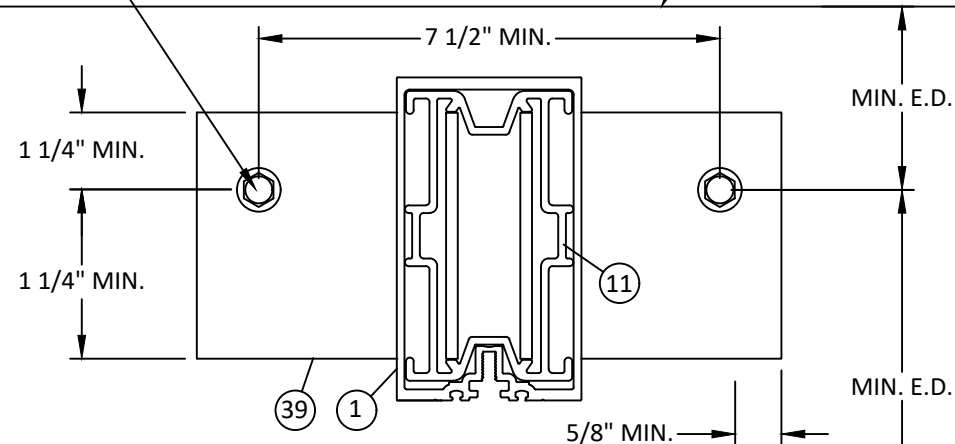
NOTE:

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, SECTION 7.0.



EXTERIOR VIEW
F-ANCHOR (TYPICAL)

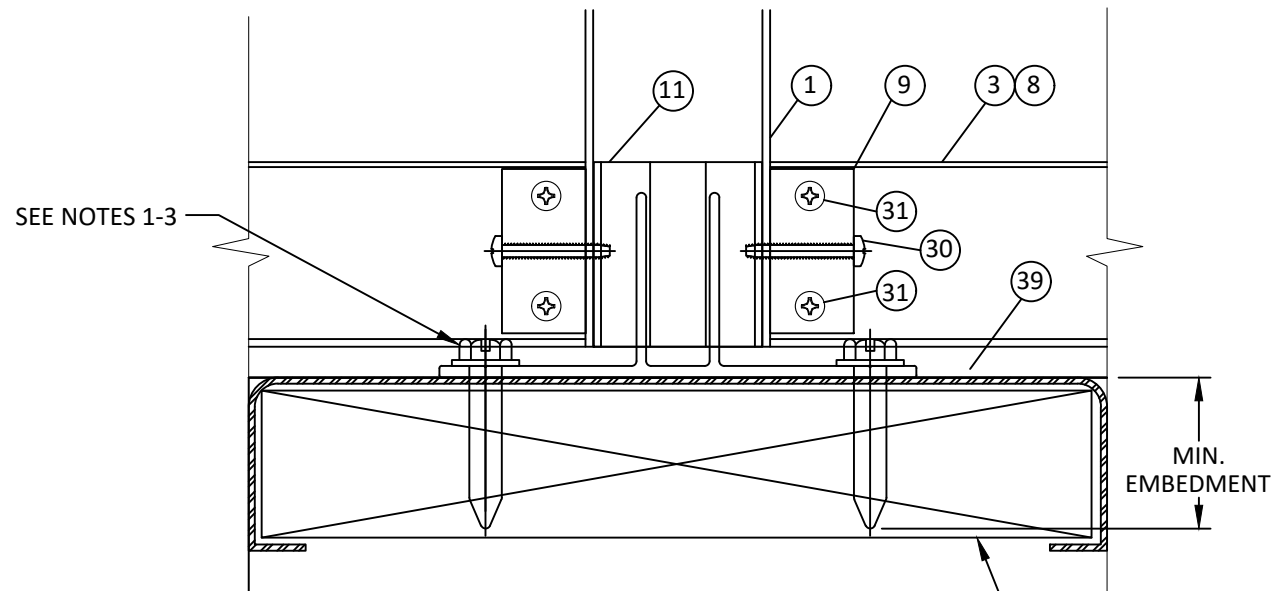
INSTALLATION ANCHOR
TYPES B, C, D, E, F, G, H, & I



12 **HORIZONTAL SECTION**
7.4 **T-ANCHOR**
CONFIG 1

NOTE:

1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH E1-3066 ANCHOR SLEEVE.
ANCHORS ARE THE SAME FOR BOTH DEPTHS.



EXTERIOR VIEW
T-ANCHOR (TYPICAL)

EDGE OF OPENING SUBSTRATE
BY OTHERS.
SEE INSTALLATION ANCHOR
REQUIREMENTS



YKK AP AMERICA

101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303

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

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

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



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FL #:

FL25556

DATE: **12.06.17**

DWG. BY:
RV

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **YKK251**

SECTION:

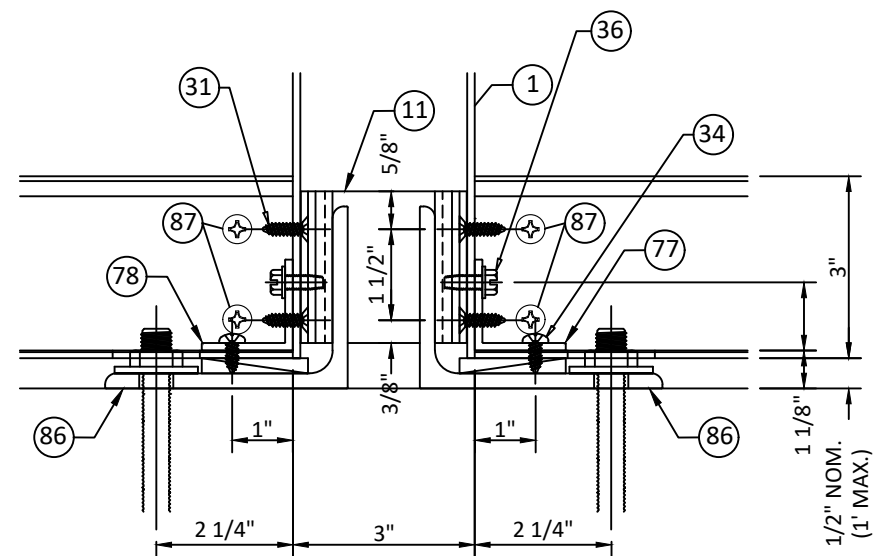
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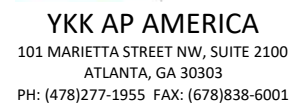


NOTE:

1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH E1-3066 ANCHOR SLEEVE.
ANCHORS ARE THE SAME FOR BOTH DEPTHS.



CORNER MULLION ANCHORS
FRONT VIEW



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

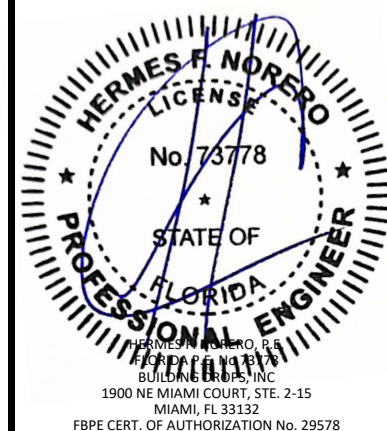
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FL #: **FL25556**

DATE: 12.06.17

DWG. BY: RV	CHK. BY: HFN
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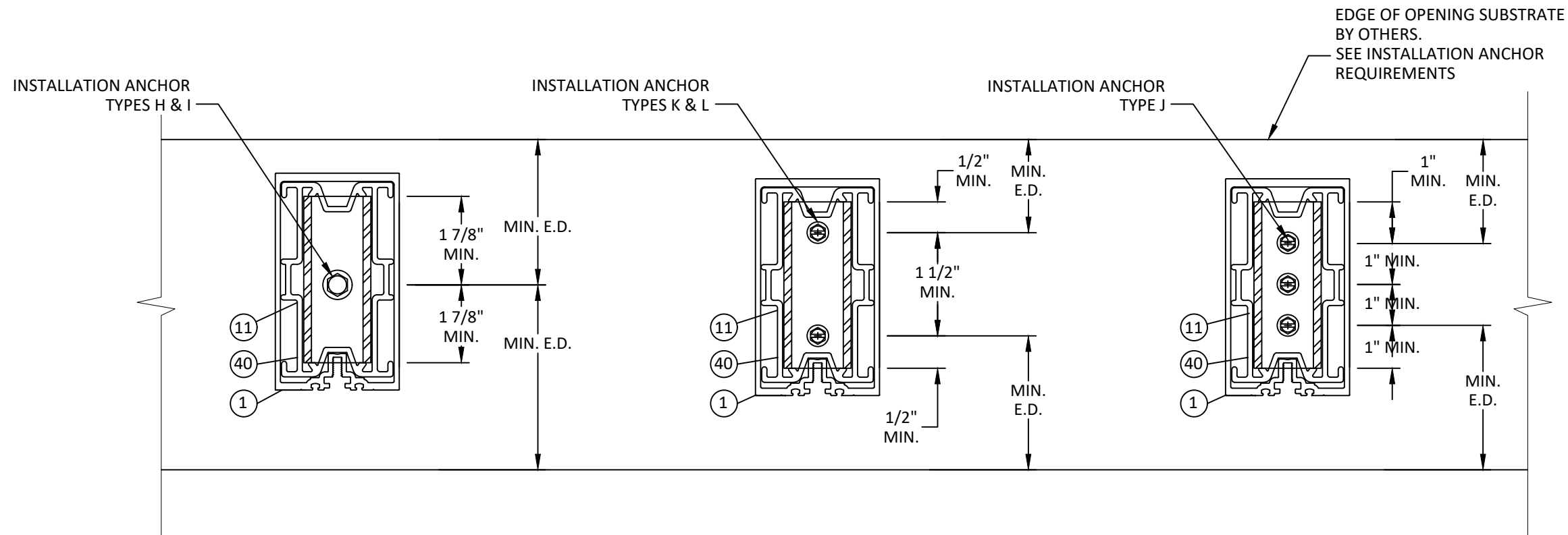
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DWG. #: YKK251

SECTION: 7.5 REV. A

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14
7.6 **HORIZONTAL SECTION**
S-ANCHOR @ DOOR JAMB
CONFIG 4

15
7.6 **HORIZONTAL SECTION**
S-ANCHOR @ DOOR JAMB
CONFIG 5

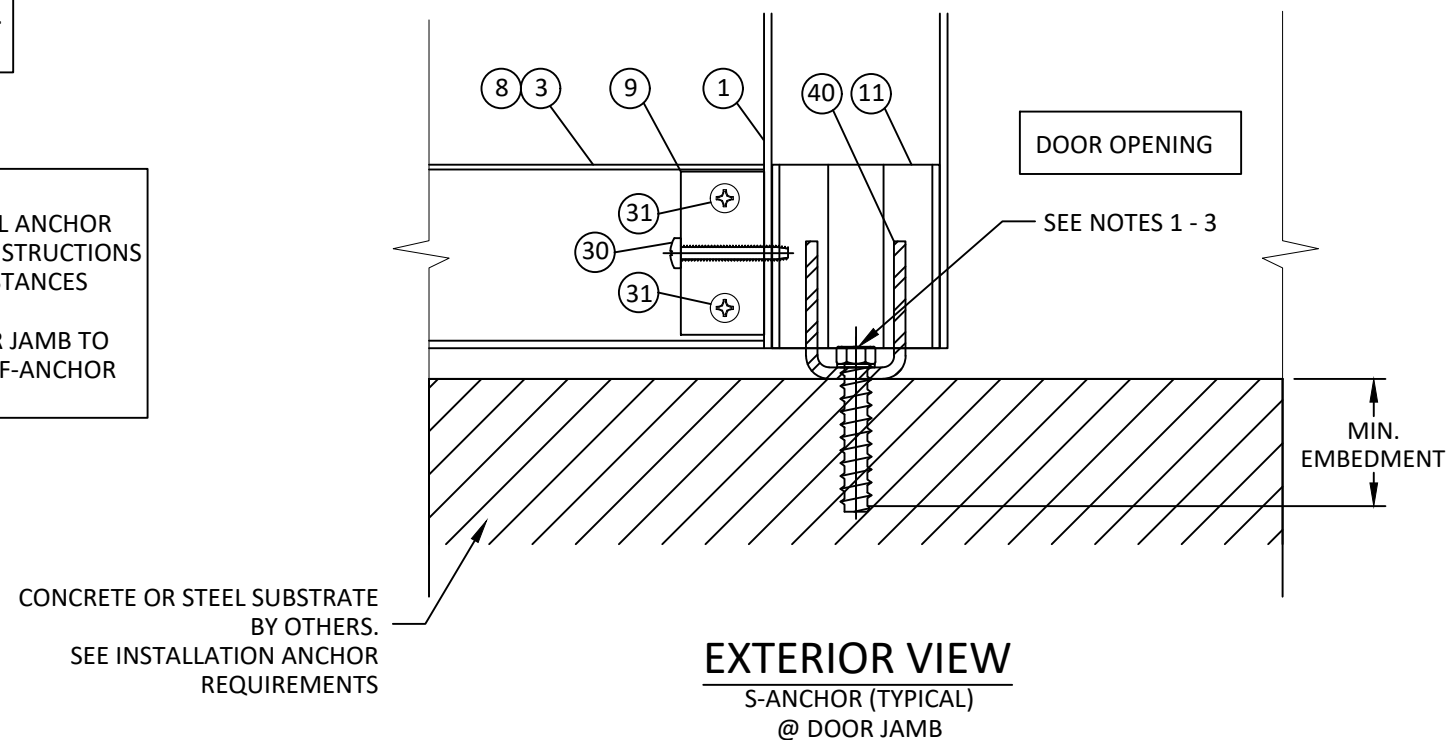
16
7.6 **HORIZONTAL SECTION**
S-ANCHOR @ DOOR JAMB
CONFIG 6

NOTE:

1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH E1-3066 ANCHOR SLEEVE.
ANCHORS ARE THE SAME FOR BOTH DEPTHS.

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 SECTION 8 FOR DETAILS & SECTION 7.8 FOR F-ANCHOR CAPACITIES.



EXTERIOR VIEW
S-ANCHOR (TYPICAL)
@ DOOR JAMB



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

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
S - ANCHOR DETAILS

PREPARED BY:
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MIAMI, FL 33132
PH: (954)399-8478
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FL #:

FL25556

DATE: **12.06.17**

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

SCALE: **NTS**

DWG. #: **YKK251**

SECTION: **7.6** REV. **A**

7.6

YKK
ap ®

Quality
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E: C 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)

F & T - ANCHOR CAPACITY TABLE

PREPARED BY:

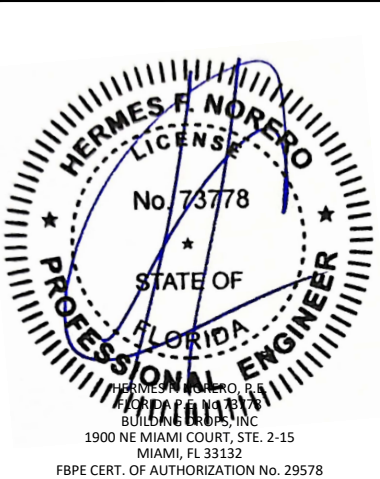
 **BUILDING DROPS**

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MIAMI, FL 33132
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FAX: (954)744-4738
WEB: www.buildingdrops.com

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
36	120	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
48		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
54		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
60		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
66		81.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	81.8	90.0	81.8	81.8
72		75.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	75.0	90.0	75.0	75.0
36	126	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
48		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
54		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
60		85.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	85.7	90.0	85.7	85.7
66		77.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	77.9	90.0	77.9	77.9
72		71.4	90.0	89.3	90.0	90.0	90.0	90.0	86.0	90.0	90.0	90.0	71.4	90.0	71.4	71.4
36	132	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
48		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
54		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
60		81.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	81.8	90.0	81.8	81.8
66		74.4	90.0	90.0	90.0	90.0	90.0	90.0	89.6	90.0	90.0	90.0	74.4	90.0	74.4	74.4
72		68.2	90.0	85.2	90.0	90.0	90.0	90.0	82.1	90.0	90.0	90.0	68.2	90.0	68.2	68.2
36	138	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
48		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
54		87.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	87.0	90.0	87.0	87.0
60		78.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	78.3	90.0	78.3	78.3
66		71.1	90.0	88.9	90.0	90.0	90.0	90.0	85.7	90.0	90.0	90.0	71.1	90.0	71.1	71.1
72		65.2	90.0	81.5	90.0	90.0	90.0	90.0	78.5	90.0	90.0	90.0	65.2	90.0	65.2	65.2
36	144	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
48		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
54		83.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.3	90.0	83.3	83.3
60		75.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	75.0	90.0	75.0	75.0
66		68.2	90.0	85.2	90.0	90.0	90.0	90.0	82.1	90.0	90.0	90.0	68.2	90.0	68.2	68.2
72		62.5	90.0	78.1	90.0	90.0	90.0	90.0	75.3	90.0	90.0	90.0	62.5	90.0	62.5	62.5
36	150	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
48		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
54		80.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	80.0	90.0	80.0	80.0
60		72.0	90.0	90.0	90.0	90.0	90.0	90.0	86.7	90.0	90.0	90.0	72.0	90.0	72.0	72.0
66		65.5	90.0	81.8	90.0	90.0	90.0	90.0	78.8	90.0	90.0	90.0	65.5	90.0	65.5	65.5
72		60.0	90.0	75.0	90.0	90.0	90.0	90.0	72.2	90.0	90.0	90.0	60.0	90.0	60.0	60.0
36	156	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
48		86.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.5	90.0	86.5	86.5
54		76.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	76.9	90.0	76.9	76.9
60		69.2	90.0	86.5	90.0	90.0	90.0	90.0	83.4	90.0	90.0	90.0	69.2	90.0	69.2	69.2
66		62.9	90.0	78.7	90.0	90.0	90.0	90.0	75.8	90.0	90.0	90.0	62.9	90.0	62.9	62.9
72		57.7	90.0	72.1	90.0	90.0	90.0	89.4	69.5	90.0	89.4	89.4	57.7	90.0	57.7	57.7
36	162	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
48		83.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.3	90.0	83.3	83.3
54		74.1	90.0	90.0	90.0	90.0	90.0	90.0	89.2	90.0	90.0	90.0	74.1	90.0	74.1	74.1
60		66.7	90.0	83.3	90.0	90.0	90.0	90.0	80.3	90.0	90.0	90.0	66.7	90.0	66.7	66.7
66		60.6	90.0	75.8	90.0	90.0	90.0	90.0	73.0	90.0	90.0	90.0	60.6	90.0	60.6	60.6
72		55.6	90.0	69.4	90.0	90.0	90.0	90.0	86.1	66.9	90.0	86.1	86.1	55.6	90.0	55.6

REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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.



DATE: 12.06.17

SCALE: NTS

DWG. #: YKK251

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7/28/2026 12:14 PM

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

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
36	78	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
42		90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
48		86.5	90	90	90	90	90	90	90	90	90	86.5	86.5	90	86.5	86.5
54		76.9	90	90	90	90	90	90	90	90	90	76.9	76.9	90	76.9	76.9
60		69.2	90	86.5	90	90	90	90	83.4	90	90	69.2	69.2	90	69.2	69.2
66		62.9	90	78.7	90	90	90	90	75.8	90	90	62.9	62.9	90	62.9	62.9
72		57.7	90	72.1	90	90	90	89.4	69.5	90	89.4	57.7	57.7	90	57.7	57.7
36	84	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
42		90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
48		80.4	90	90	90	90	90	90	90	90	90	80.4	80.4	90	80.4	80.4
54		71.4	90	89.3	90	90	90	90	86	90	90	71.4	71.4	90	71.4	71.4
60		64.3	90	80.4	90	90	90	90	77.4	90	90	64.3	64.3	90	64.3	64.3
66		58.4	90	73.1	90	90	90	90	70.4	90	90	58.4	58.4	90	58.4	58.4
72		53.6	90	67	90	90	90	83	64.5	89.3	83	53.6	53.6	90	53.6	53.6
36	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
42		85.7	90	90	90	90	90	90	90	90	90	85.7	85.7	90	85.7	85.7
48		75	90	90	90	90	90	90	90	90	90	75	75	90	75	75
54		66.7	90	83.3	90	90	90	90	80.3	90	90	66.7	66.7	90	66.7	66.7
60		60	90	75	90	90	90	90	72.2	90	90	60	60	90	60	60
66		54.5	90	68.2	90	90	90	84.5	65.7	90	84.5	54.5	54.5	90	54.5	54.5
72		50	90	62.5	90	90	90	77.5	60.2	83.3	77.5	50	50	90	50	50
36	96	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
42		80.4	90	90	90	90	90	90	90	90	90	80.4	80.4	90	80.4	80.4
48		70.3	90	87.9	90	90	90	90	84.7	90	90	70.3	70.3	90	70.3	70.3
54		62.5	90	78.1	90	90	90	90	75.3	90	90	62.5	62.5	90	62.5	62.5
60		56.3	90	70.3	90	90	90	87.2	67.7	90	87.2	56.3	56.3	90	56.3	56.3
66		51.1	90	63.9	90	90	90	79.3	61.6	85.2	79.3	51.1	51.1	90	51.1	51.1
72		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	46.9	46.9
36	102	88.2	90	90	90	90	90	90	90	90	90	88.2	88.2	90	88.2	88.2
42		75.6	90	90	90	90	90	90	90	90	90	75.6	75.6	90	75.6	75.6
48		66.2	90	82.7	90	90	90	90	79.7	90	90	66.2	66.2	90	66.2	66.2
54		58.8	90	73.5	90	90	90	90	70.8	90	90	58.8	58.8	90	58.8	58.8
60		52.9	90	66.2	90	90	90	82.1	63.7	88.2	82.1	52.9	52.9	90	52.9	52.9
66		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	48.1	48.1
72		44.1	79.7	55.1	79.7	79.7	79.7	68.4	53.1	73.5	68.4	44.1	44.1	79.7	44.1	44.1
36	108	83.3	90	90	90	90	90	90	90	90	90	83.3	83.3	90	83.3	83.3
42		71.4	90	89.3	90	90	90	90	86	90	90	71.4	71.4	90	71.4	71.4
48		62.5	90	78.1	90	90	90	90	75.3	90	90	62.5	62.5	90	62.5	62.5
54		55.6	90	69.4	90	90	90	86.1	66.9	90	86.1	55.6	55.6	90	55.6	55.6
60		50	90	62.5	90	90	90	77.5	60.2	83.3	77.5	50	50	90	50	50
66		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	45.5	45.5
72		41.7	75.3	52.1	75.2	75.2	75.3	64.6	50.2	69.4	64.6	41.7	41.7	75.3	41.7	41.7
36	114	78.9	90	90	90	90	90	90	90	90	90	78.9	78.9	90	78.9	78.9
42		67.7	90	84.6	90	90	90	90	81.5	90	90	67.7	67.7	90	67.7	67.7
48		59.2	90	74	90	90	90	90	71.3	90	90	59.2	59.2	90	59.2	59.2
54		52.6	90	65.8	90	90	90	81.6	63.4	87.7	81.6	52.6	52.6	90	52.6	52.6
60		47.4	85.6	59.2	85.5	85.5	85.6	73.4	57	78.9	73.4	47.4	47.4	85.6	47.4	47.4
66		43.1	77.8	53.8	77.8	77.8	77.8	66.7	51.8	71.8	66.7	43.1	43.1	77.8	43.1	43.1
72		39.5	71.3	49.3	71.3	71.3	71.3	61.2	47.5	65.8	61.2	39.5	39.5	71.3	39.5	39.5
36	78	55.6	90	69.4	90	90	90	86.1	66.9	90	86.1	55.6	55.6	90	55.6	55.6
42		47.6	86	59.5	86	86	86	73.8	57.3	79.4	73.8	47.6	47.6	86	47.6	47.6
48		41.7	75.3	52.1	75.2	75.2	75.3	64.6	50.2	69.4	64.6	41.7	41.7	75.3	41.7	41.7
54		37	66.9	46.3	66.9	66.9	66.9	57.4	44.6	61.7	57.4	37	37	66.9	37	37
60		33.3	60.2	41.7	60.2	60.2	60.2	51.7	40.1	55.6	51.7	33.3	33.3	60.2	33.3	33.3
66		30.3	54.7	37.9	54.7	54.7	54.7	47	36.5	50.5	47	30.3	30.3	54.7	30.3	30.3
72		27.8	50.2	34.7	50.2	50.2	50.2	43.1	33.4	46.3	43.1	27.8	27.8	50.2	27.8	27.8

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
36	126	71.4	90	89.3	90	90	90	90	86	90	90	71.4	71.4	90	71.4	71.4
42		61.2	90	76.5	90	90	90	90	73.7	90	90	61.2	61.2	90	61.2	61.2
48		53.6	90	67	90	90	90	83	64.5	89.3	83	53.6	53.6	90	53.6	53.6
54		47.6	86	59.5	86	86	86	73.8	57.3	79.4	73.8	47.6	47.6	86	47.6	47.6
60		42.9	77.4	53.6	77.4	77.4	77.4	66.4	51.6	71.4	66.4	42.9	42.9	77.4	42.9	42.9
66		39	70.4	48.7	70.3	70.4	70.4	60.4	46.9	64.9	60.4	39	39	70.4	39	39
72		35.7	64.5	44.6	64.5	64.5	64.5	55.4	43	59.5	55.4	35.7	35.7	64.5	35.7	35.7
36	132	68.2	90	85.2	90	90	90	90	82.1	90	90	68.2	68.2	90	68.2	68.2
42		58.4	90	73.1	90	90	90	90	70.4	90	90	58.4	58.4	90	58.4	58.4
48		51.1	90	63.9	90	90	90	79.3	61.6	85.2	79.3	51.1	51.1	90	51.1	51.1
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	45.5	45.5
60		40.9	73.9	51.1	73.9	73.9	73.9	63.4	49.3	68.2	63.4	40.9	40.9	73.9	40.9	40.9
66		37.2	67.2	46.5	67.1	67.2	67.2	57.6	44.8	62	57.6	37.2	37.2	67.2	37.2	37.2
72		34.1	61.6	42.6	61.6	61.6	61.6	52.8	41	56.8	52.8	34.1	34.1	61.6	34.1	34.1
36	138	65.2	90	81.5	90	90	90	90	78.5	90	90	65.2	65.2	90	65.2	65.2
42		55.9	90	69.9	90	90	90	86.6	67.3	90	86.6	55.9	55.9	90	55.9	55.9
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	48.9	48.9
54		43.5	78.5	54.3	78.5	78.5	78.5	67.4	52.3	72.5	67.4	43.5	43.5	78.5	43.5	43.5
60		39.1	70.7	48.9	70.7	70.7	70.7	60.7	47.1	65.2	60.7	39.1	39.1	70.7	39.1	39.1
66		35.6	64.3	44.5	64.2	64.2	64.3	55.1	42.8	59.3	55.1	35.6	35.6	64.3	35.6	35.6
72		32.6	58.9	40.8	58.9	58.9	58.9	50.5	39.3	54.3	50.5	32.6	32.6	58.9	32.6	32.6
36	144	62.5	90	78.1	90	90	90	90	75.3	90	90	62.5	62.5	90	62.5	62.5
42		53.6	90	67	90	90	90	83	64.5	89.3	83	53.6	53.6	90	53.6	53.6
48		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	46.9	46.9
54		41.7	75.3	52.1	75.2	75.2	75.3	64.6	50.2	69.4	64.6	41.7	41.7	75.3	41.7	41.

SINGLE SPAN & MULTI SPAN S ANCHOR CAPACITIES

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)						
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	H	I	J	K	L
36	78	90.0	90.0	90.0	46.2	90.0
42		90.0	90.0	90.0	39.6	90.0
48		85.4	90.0	90.0	34.6	86.2
54		75.9	90.0	90.0	30.8	76.6
60		68.3	83.1	90.0	27.7	68.9
66		62.1	75.5	90.0	25.2	62.7
72		56.9	69.2	86.3	23.1	57.4
36	84	90.0	90.0	90.0	42.9	90.0
42		90.0	90.0	90.0	36.7	90.0
48		79.3	90.0	90.0	32.1	80.0
54		70.5	85.7	90.0	28.6	71.1
60		63.4	77.1	90.0	25.7	64.0
66		57.7	70.1	87.4	23.4	58.2
72		52.9	64.3	80.1	21.4	53.3
36	90	90.0	90.0	90.0	40.0	90.0
42		84.6	90.0	90.0	34.3	85.3
48		74.0	90.0	90.0	30.0	74.7
54		65.8	80.0	90.0	26.7	66.4
60		59.2	72.0	89.8	24.0	59.7
66		53.8	65.5	81.6	21.8	54.3
72		49.3	60.0	74.8	20.0	49.8
36	96	90.0	90.0	90.0	37.5	90.0
42		79.3	90.0	90.0	32.1	80.0
48		69.4	84.4	90.0	28.1	70.0
54		61.7	75.0	90.0	25.0	62.2
60		55.5	67.5	84.2	22.5	56.0
66		50.5	61.4	76.5	20.5	50.9
72		46.3	56.3	70.1	18.8	46.7
36	102	87.1	90.0	90.0	35.3	87.8
42		74.6	90.0	90.0	30.3	75.3
48		65.3	79.4	90.0	26.5	65.9
54		58.0	70.6	88.0	23.5	58.6
60		52.2	63.5	79.2	21.2	52.7
66		47.5	57.8	72.0	19.3	47.9
72		43.5	52.9	66.0	17.6	43.9
36	108	82.2	90.0	90.0	33.3	83.0
42		70.5	85.7	90.0	28.6	71.1
48		61.7	75.0	90.0	25.0	62.2
54		54.8	66.7	83.1	22.2	55.3
60		49.3	60.0	74.8	20.0	49.8
66		44.8	54.5	68.0	18.2	45.3
72		41.1	50.0	62.3	16.7	41.5
36	114	77.9	90.0	90.0	31.6	78.6
42		66.8	81.2	90.0	27.1	67.4
48		58.4	71.1	88.6	23.7	58.9
54		51.9	63.2	78.7	21.1	52.4
60		46.7	56.8	70.9	18.9	47.2
66		42.5	51.7	64.4	17.2	42.9
72		38.9	47.4	59.1	15.8	39.3

MAX. ANCHOR CAPACITY - DESIGN PRESSURES (+/- PSF)						
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	H	I	J	K	L
36	120	74	90	90	30	74.7
42		63.4	77.1	90	25.7	64
48		55.5	67.5	84.2	22.5	56
54		49.3	60	74.8	20	49.8
60		44.4	54	67.3	18	44.8
66		40.4	49.1	61.2	16.4	40.7
72		37	45	56.1	15	37.3
36	126	70.5	85.7	90	28.6	71.1
42		60.4	73.5	90	24.5	61
48		52.9	64.3	80.1	21.4	53.3
54		47	57.1	71.2	19	47.4
60		42.3	51.4	64.1	17.1	42.7
66		38.4	46.8	58.3	15.6	38.8
72		35.2	42.9	53.4	14.3	35.6
36	132	67.3	81.8	90	27.3	67.9
42		57.7	70.1	87.4	23.4	58.2
48		50.5	61.4	76.5	20.5	50.9
54		44.8	54.5	68	18.2	45.3
60		40.4	49.1	61.2	16.4	40.7
66		36.7	44.6	55.6	14.9	37
72		33.6	40.9	51	13.6	33.9
36	138	64.3	78.3	90	26.1	64.9
42		55.2	67.1	83.6	22.4	55.7
48		48.3	58.7	73.2	19.6	48.7
54		42.9	52.2	65	17.4	43.3
60		38.6	47	58.5	15.7	39
66		35.1	42.7	53.2	14.2	35.4
72		32.2	39.1	48.8	13	32.5
36	144	61.7	75	90	25	62.2
42		52.9	64.3	80.1	21.4	53.3
48		46.3	56.3	70.1	18.8	46.7
54		41.1	50	62.3	16.7	41.5
60		37	45	56.1	15	37.3
66		33.6	40.9	51	13.6	33.9
72		30.8	37.5	46.8	12.5	31.1
36	150	59.2	72	89.8	24	59.7
42		50.7	61.7	76.9	20.6	51.2
48		44.4	54	67.3	18	44.8
54		39.5	48	59.8	16	39.8
60		35.5	43.2	53.9	14.4	35.8
66		32.3	39.3	49	13.1	32.6
72		29.6	36	44.9	12	29.9

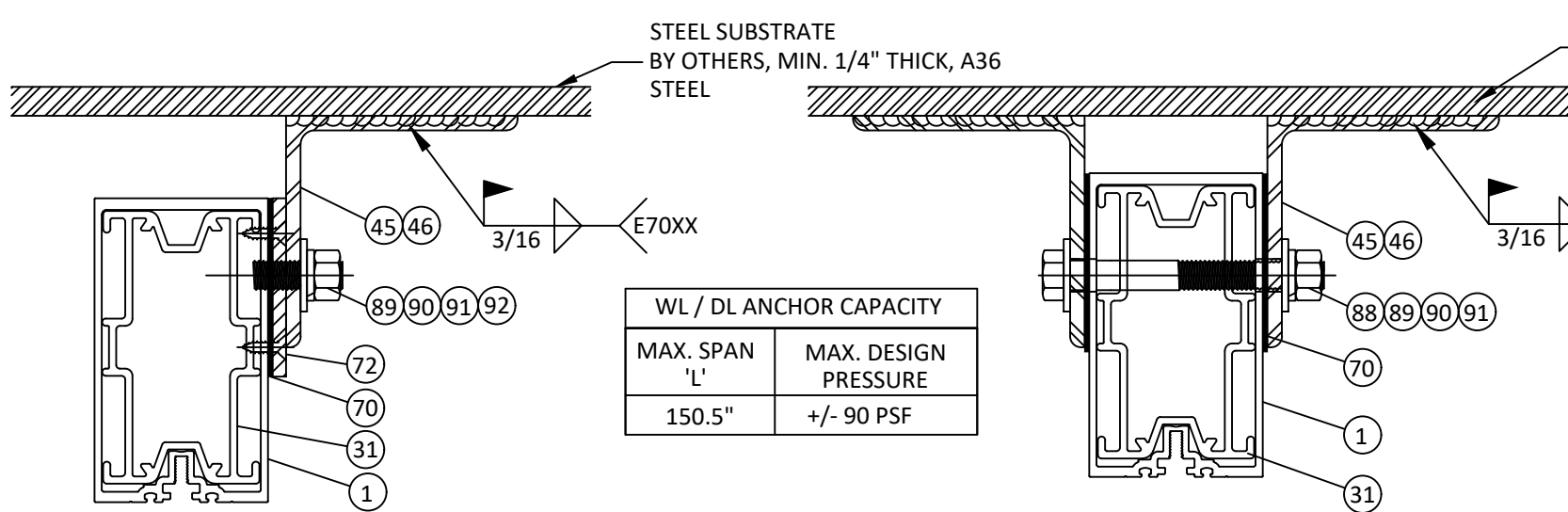
NOTE:

1. REFER TO SECTION 7.0 THRU 7.6 FOR DETAILS OF ANCHOR REQUIREMENTS. AND DETERMINING MAX. SPAN 'L' 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.

 Quality inspires™		
YKK AP AMERICA 101 MARIETTA STREET NW, SUITE 2100 ATLANTA, GA 30303 PH: (478)277-1955 FAX: (678)838-6001		
TITLE: YHC 300 SSG CASSETTE CURTAIN WALL SYSTEM - INSULATING GLASS (HVHZ) (IMPACT) S - ANCHOR CAPACITY TABLE	PREPARED BY:  BUILDING DROPS, INC. 1900 NE MIAMI COURT, STE. 2-15 MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)744-4738 WEB: www.buildingdrops.com	
REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.		
		
HERMES F. NORERO, P.E. BUILDING DROPS, INC. 1900 NE MIAMI COURT, STE. 2-15 MIAMI, FL 33132 FBPE CERT. OF AUTHORIZATION NO. 29578		
FL #:		
FL25556		
DATE: 12.06.17		
DWG. BY: RV	CHK. BY: HFN	
SCALE: NTS		
DWG. #: YKK251		
SECTION:	REV.	
7.9		
[Page 24 of 38]		

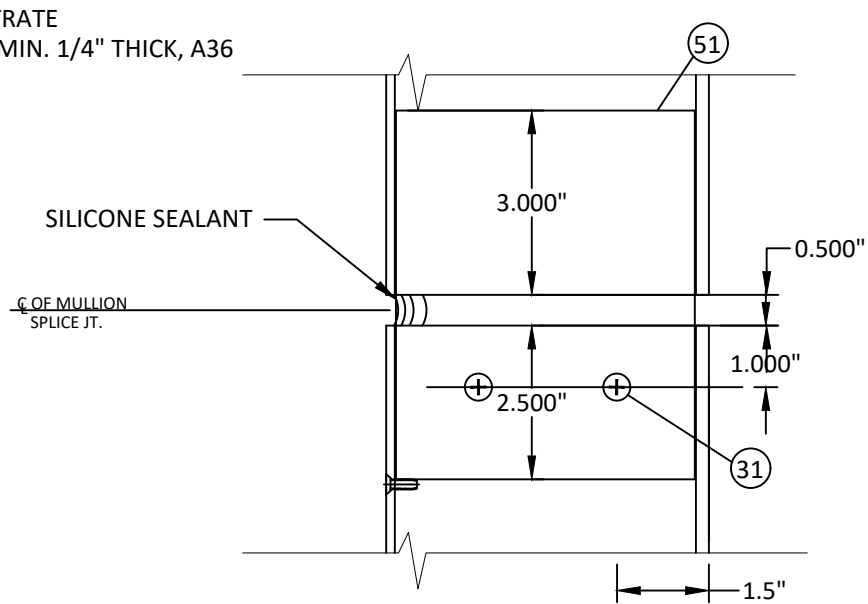
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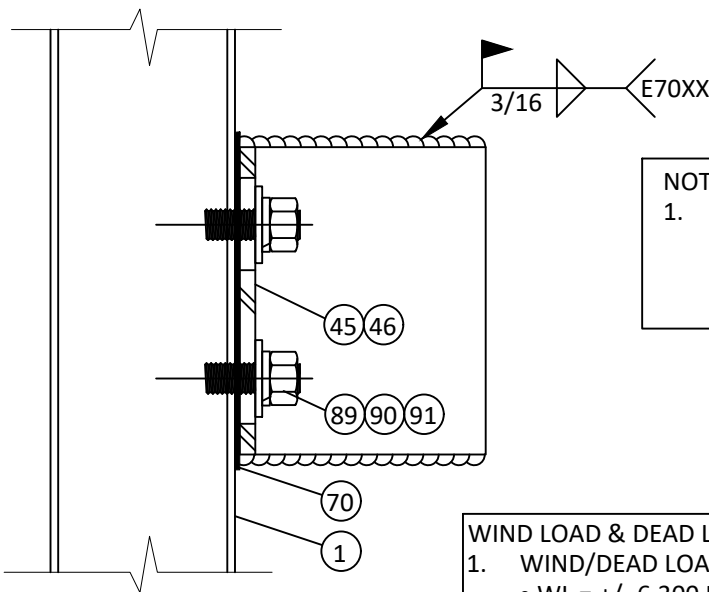


17
8.0 **HORIZONTAL SECTION**
WIND/DEAD LOAD ANCHOR AT JAMB

18
8.0 **HORIZONTAL SECTION**
WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION



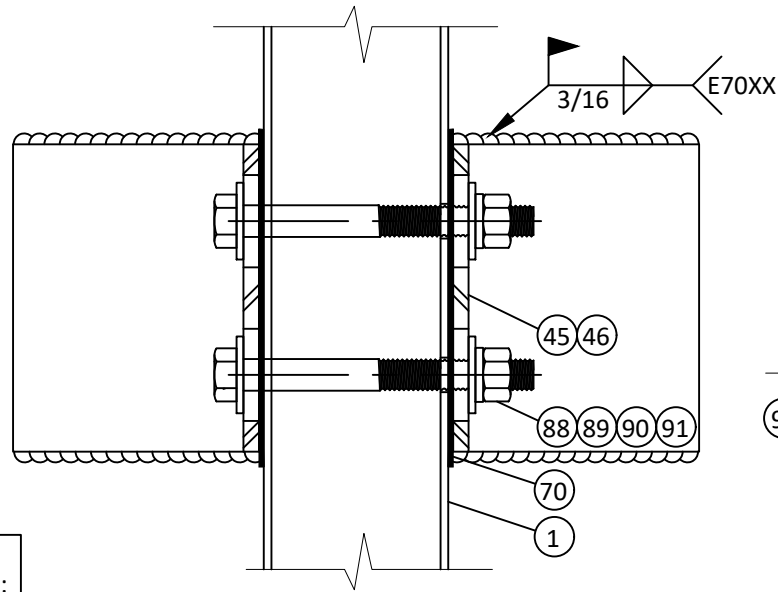
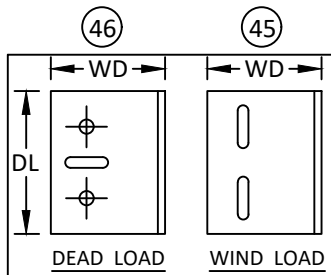
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8.0 **VERTICAL SECTION**
WIND/DEAD LOAD ANCHOR MULLION SPLICE



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR AT JAMB

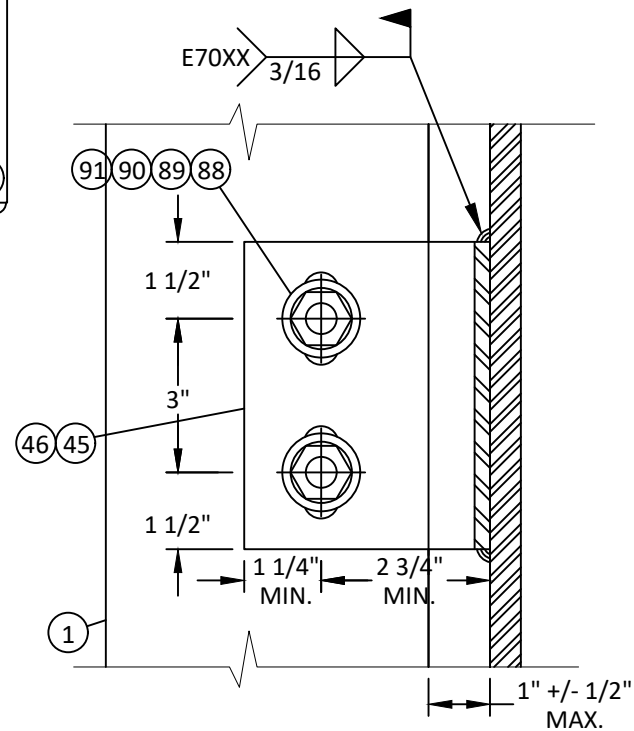
NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH E1-3065 MULLION SPLICE SLEEVE.
THE ANCHORS ARE THE SAME FOR BOTH DEPTHS.

- WIND LOAD & DEAD LOAD ANCHOR NOTES:
- 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 = 74"
 - 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 HOLTES AT WIND LOAD ANCHORS.



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION

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 STEEL SUBSTRATE
LOW / STANDARD/HIGH PRESSURE CONNECTION



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101 MARIETTA STREET NW, SUITE 2100
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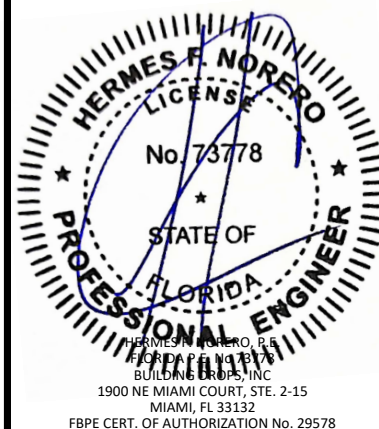
TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL SYSTEM - INSULATING GLASS (HVHZ) (IMPACT)
WIND LOAD / DEAD LOAD ANCHOR DETAILS

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



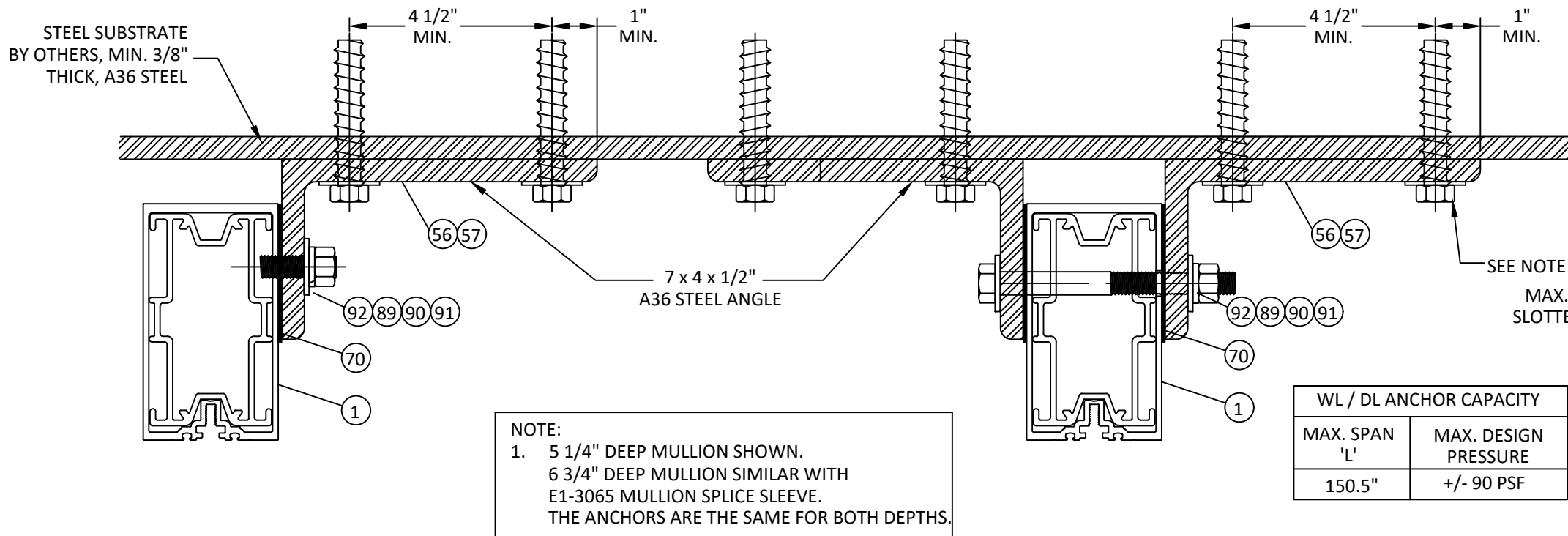
REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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FL #:	FL25556
DATE:	12.06.17
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK251
SECTION:	8.0
REV.	A

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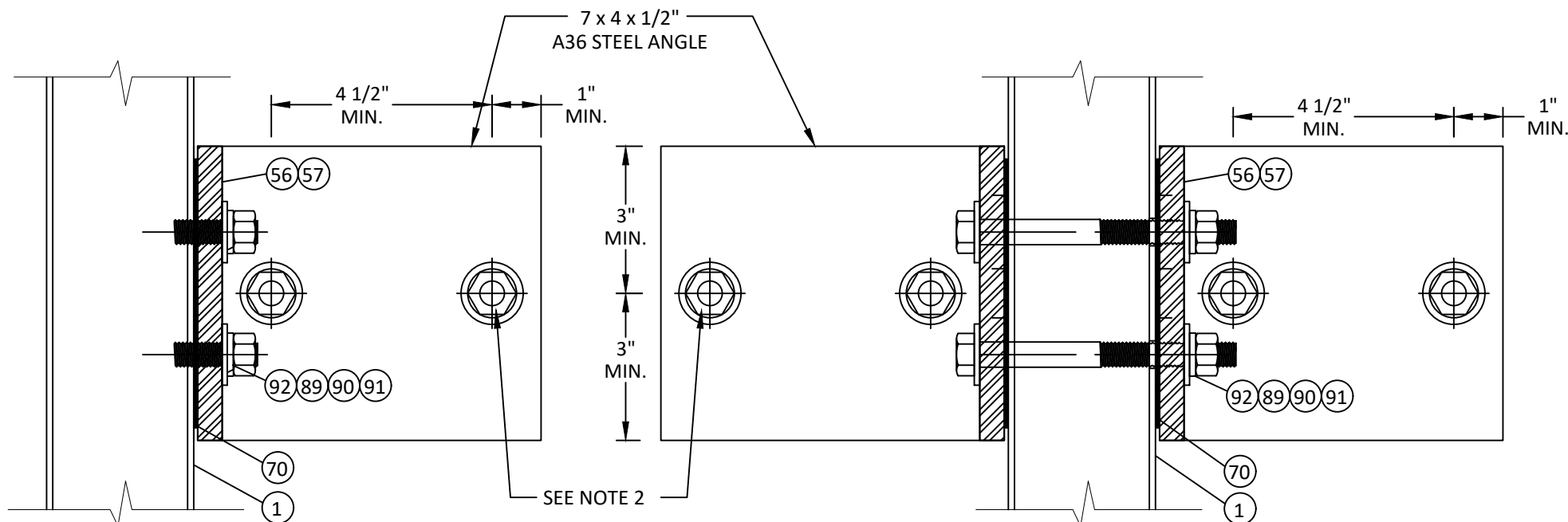


20 HORIZONTAL SECTION

8.1 WIND/DEAD LOAD ANCHOR AT JAMB

21 HORIZONTAL SECTION

8.1 WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION



EXTERIOR VIEW

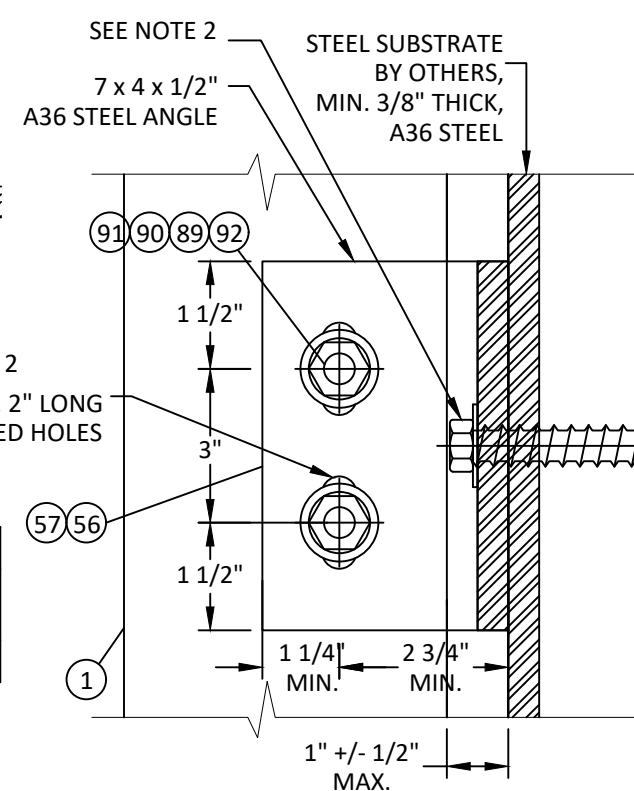
WIND/DEAD LOAD ANCHOR AT JAMB

EXTERIOR VIEW

WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION

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 STEEL SUBSTRATE

LOW / STANDARD/HIGH PRESSURE CONNECTION

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 = 74"
- (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.
- 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" HILTI KWIKBOLT3 ANCHORS PER ANGLE
 - 3 THREADS MIN. PENETRATION
 - MAX. C.C. SPACING = 4 1/2"
 - MIN. EDGE DISTANCE = 4"
 - MIN. 1/4" THICK STEEL



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

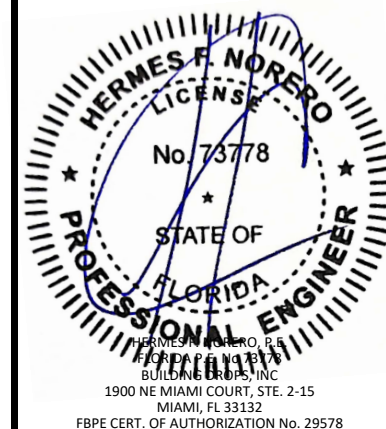
TITLE: YHC 300 SSG CASSETTE CURTAIN WALL SYSTEM - INSULATING GLASS (HVHZ) (IMPACT) WIND LOAD / DEAD LOAD ANCHOR DETAILS

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



REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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FL #:

FL25556

DATE: **12.06.17**

DWG. BY: **RV**

CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **YKK251**

SECTION:

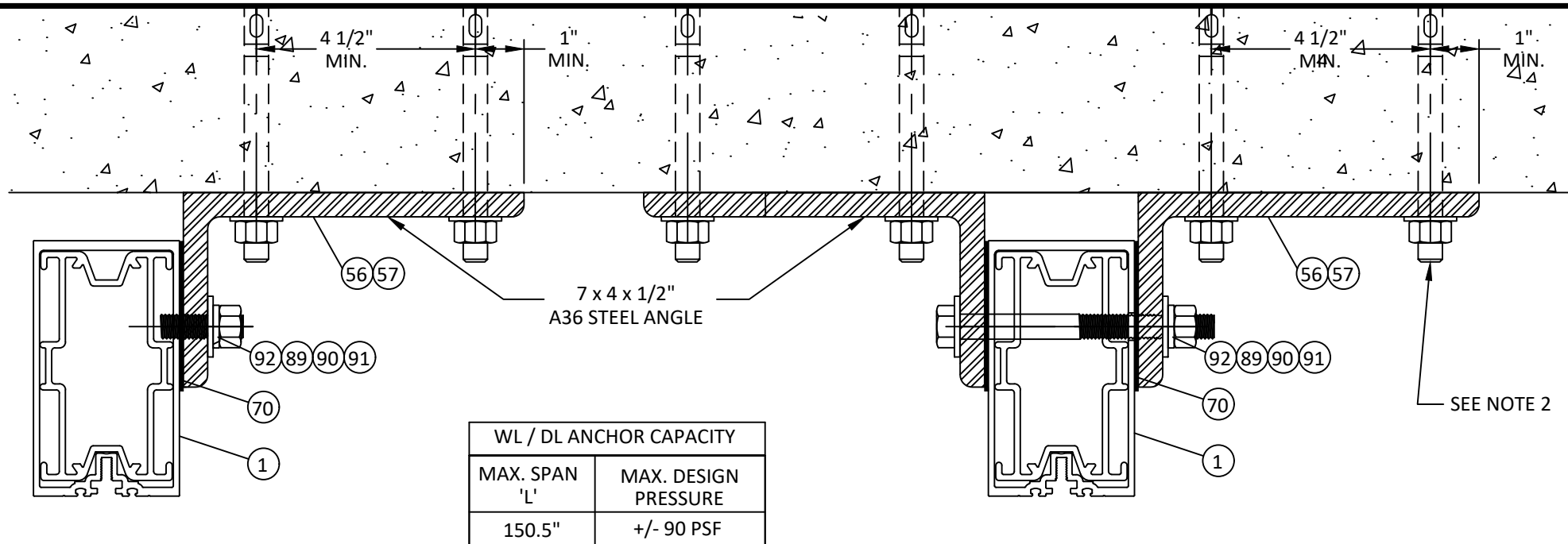
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REV.

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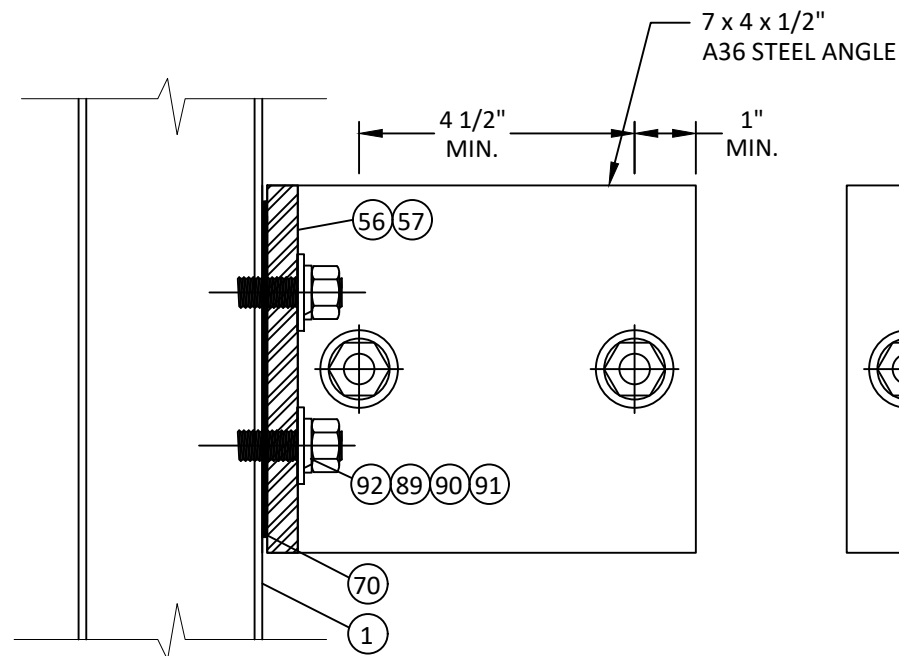
WL / DL ANCHOR CAPACITY	
MAX. SPAN 'L'	MAX. DESIGN PRESSURE
150.5"	+/- 90 PSF

22 HORIZONTAL SECTION

8.2 WIND/DEAD LOAD ANCHOR AT JAMB

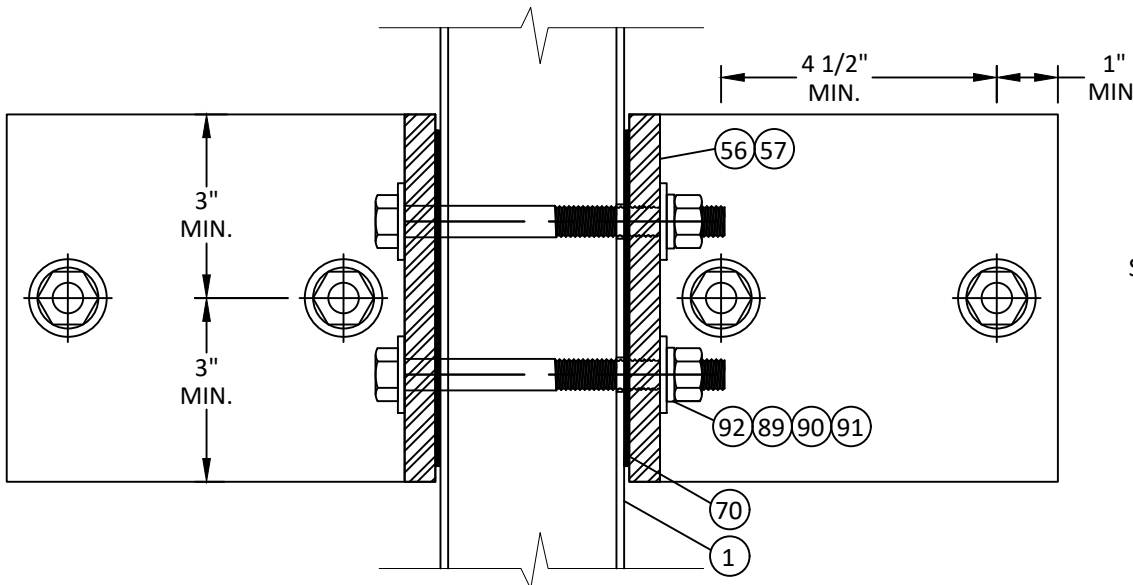
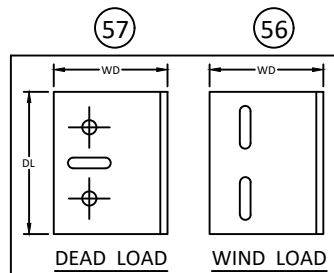
23 HORIZONTAL SECTION

8.2 WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR AT JAMB

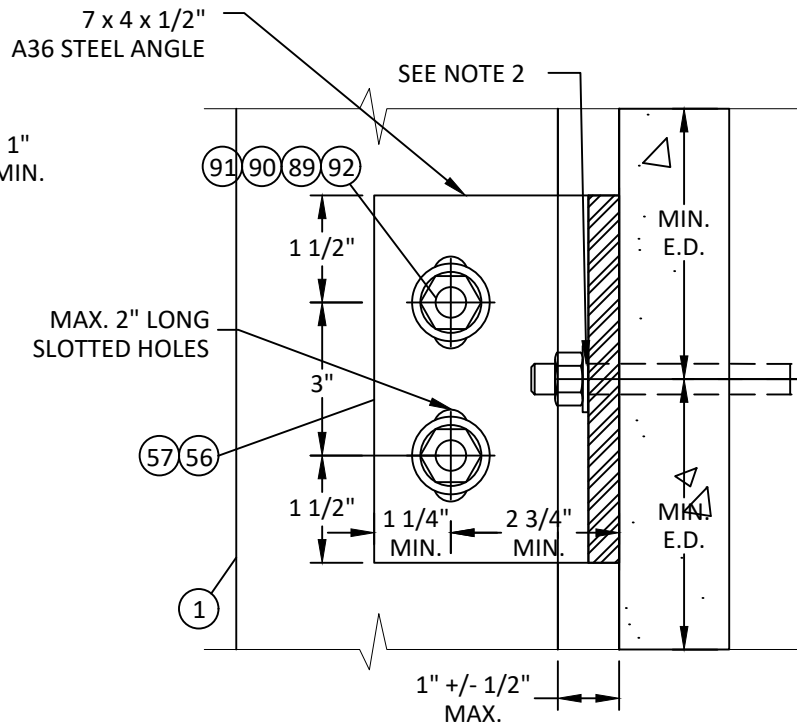
NOTE:
1) ALTERNATE WIND & DEAD LOAD ANCHORS MAY BE DESIGNED FOR ALTERNATE SITE CONDITIONS AND STEEL ANGLE DESIGN ON A JOB TO JOB BASIS FOR THE APPLICABLE WIND LOADS AS DETERMINED IN ACCORDANCE WITH CH. 16 OF THE FLORIDA BLDG. CODE BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR AT VERTICAL MULLION

NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH E1-3065 MULLION SPLICE SLEEVE.
THE ANCHORS ARE THE SAME FOR BOTH DEPTHS.

- 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 = 74"
 - (2) 1/2" HILTI KWIKBOLT3 PER ANGLE
 - MIN. EMBEDMENT = 3 1/4"
 - MAX. C.C. SPACING = 4 1/2"
 - MIN. EDGE DISTANCE = 4"
 - MIN. 4000 PSI CONCRETE
 - 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" HILTI KWIKBOLT3 ANCHORS PER ANGLE
 - 3 THREADS MIN. PENETRATION
 - MAX. C.C. SPACING = 4 1/2"
 - MIN. EDGE DISTANCE = 4"
 - MIN. 1/4" THICK STEEL
 - FOR SLABS LESS THAN 8" IN THICKNESS, DESIGN MAY BE PROVIDED ON JOB TO JOB BASIS FOR REVIEW & APPROVAL BY AHJ



VERTICAL SECTION

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



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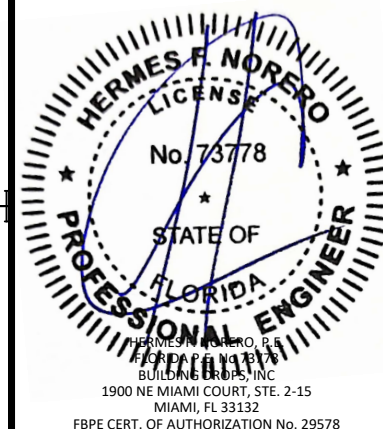
TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HWHZ) (IMPACT)
WIND LOAD / DEAD LOAD
ANCHOR DETAILS

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



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2026 CODE UPDATE	SH	07.28.26

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FL #:

FL25556

DATE: 12.06.17

DWG. BY:
RV

CHK. BY:
HFN

SCALE: NTS

DWG. #: YKK251

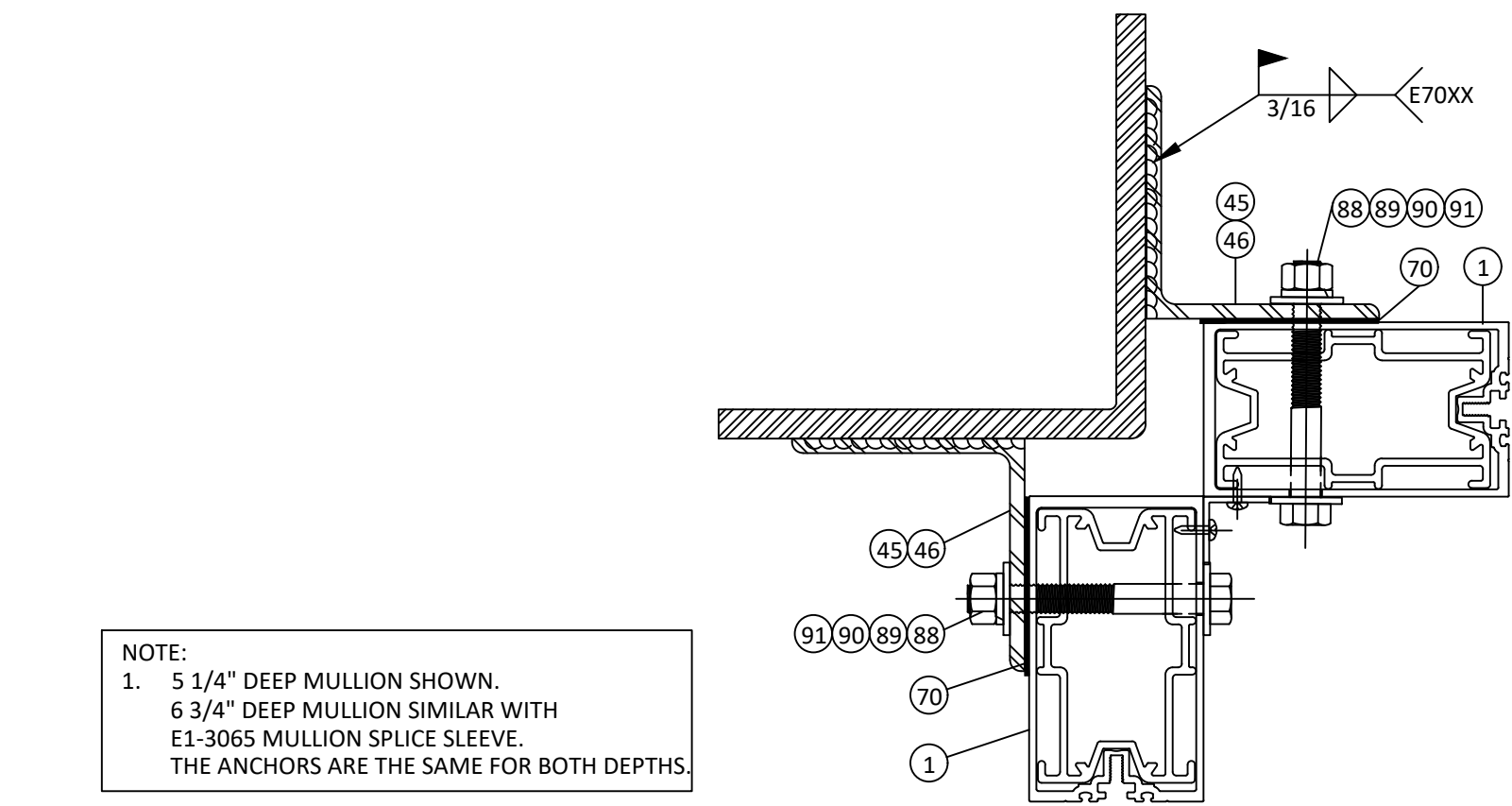
SECTION:

REV.

8.2

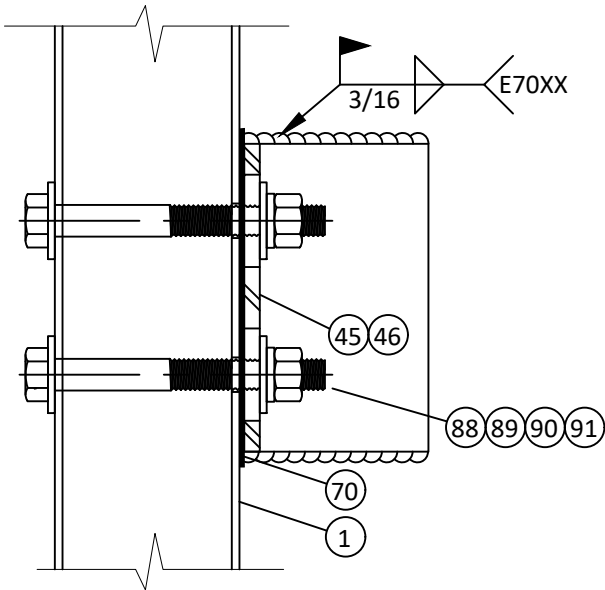
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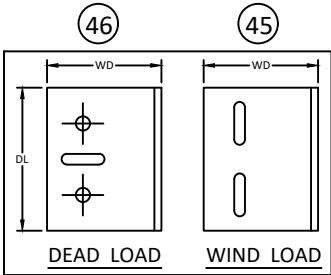


NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH
E1-3065 MULLION SPLICE SLEEVE.
THE ANCHORS ARE THE SAME FOR BOTH DEPTHS.

24 CORNER MULL. ANCH. 8.3 ANCHORS INTO METAL STRUCTURES LOW/STANDARD PRESSURE MULL



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



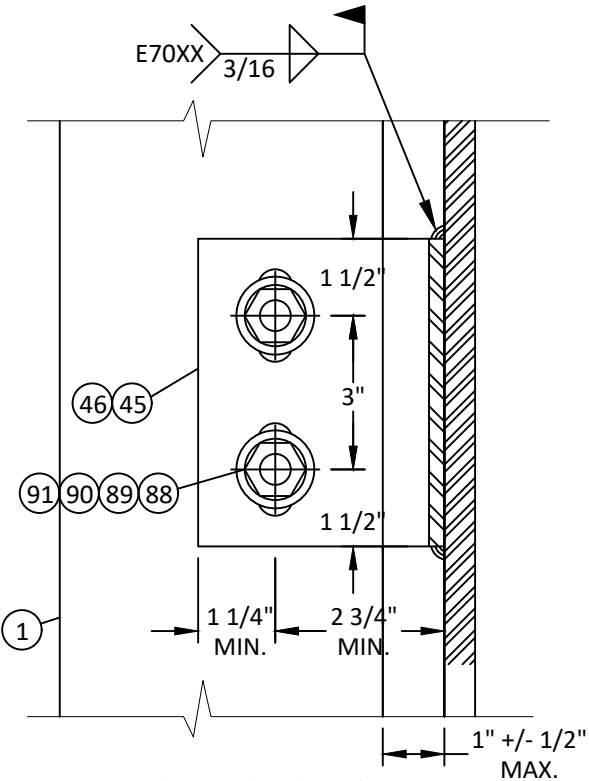
ALL ANGLES AND PLATES
TO BE A-36 STEEL
Fy = 36 KSI MIN.

WIND LOAD ANCHOR

WIND + DEAD LOAD ANCHOR

WL / DL ANCHOR CAPACITY	
MAX. SPAN 'L'	MAX. DESIGN PRESSURE
150.5"	+/- 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.



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

YKK AP Quality inspires™

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

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
WIND LOAD / DEAD LOAD
ANCHOR DETAILS

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

REMARKS	BY	DATE
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AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC
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FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.

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

FL #:
FL25556

DATE: **12.06.17**

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

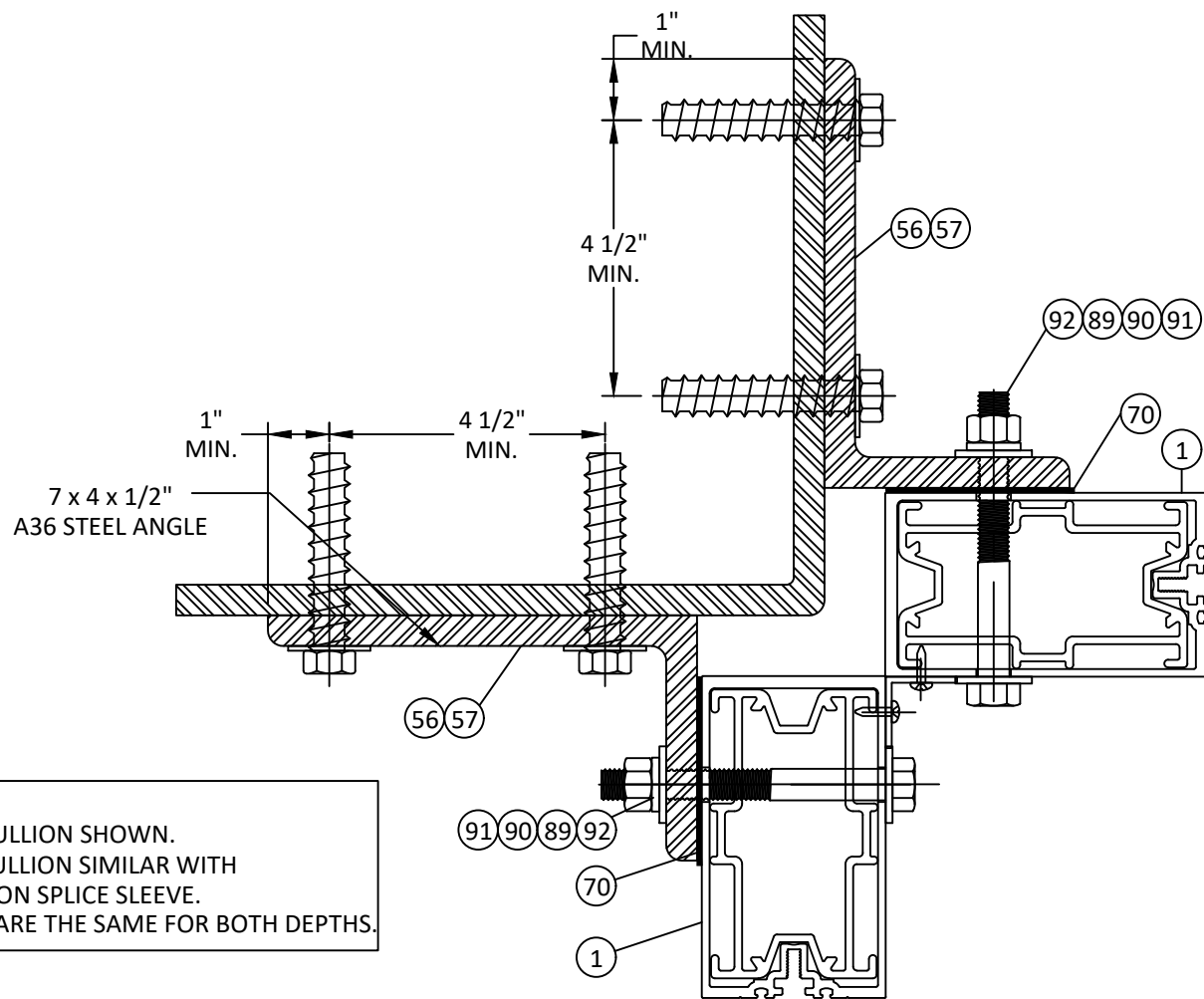
SCALE: **NTS**

DWG. #: **YKK251**

SECTION: **8.3** REV. **A**

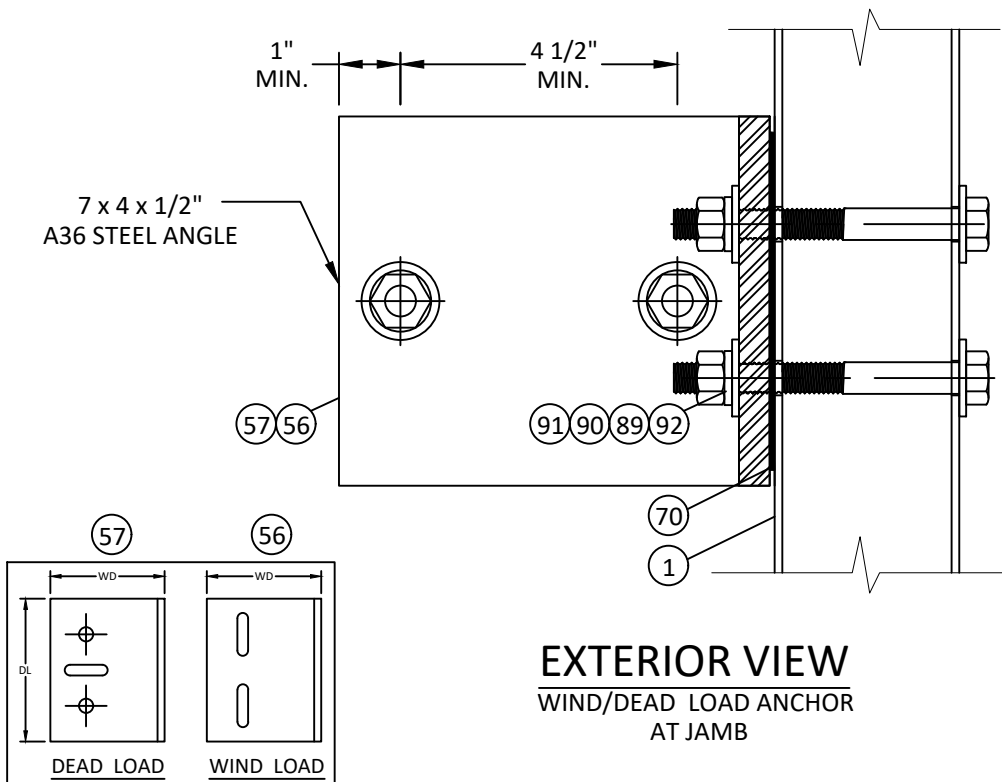
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NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH
E1-3065 MULLION SPLICE SLEEVE.
THE ANCHORS ARE THE SAME FOR BOTH DEPTHS.

25 CORNER MULL. ANCH. 8.4 ANCHORS INTO METAL STRUCTURES LOW/STANDARD PRESSURE MULL



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR
AT JAMB

- 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 = 74"
 - (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.
 - 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" HILTI KWIKBOLT3 ANCHORS PER ANGLE
- 3 THREADS MIN. PENETRATION
 - MAX. C.C. SPACING = 4 1/2"
 - MIN. EDGE DISTANCE = 4"
 - MIN. 1/4" THICK STEEL

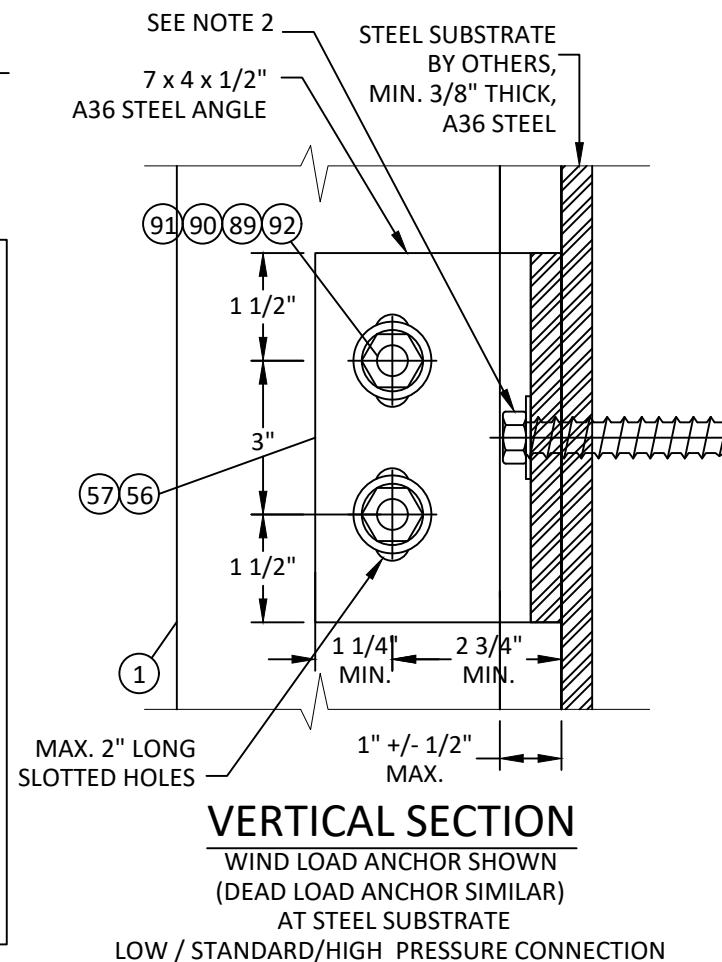
ALL ANGLES AND PLATES
TO BE A-36 STEEL
Fy = 36 KSI MIN.

WIND LOAD ANCHOR

WIND + DEAD LOAD ANCHOR

WL / DL ANCHOR CAPACITY	
MAX. SPAN 'L'	MAX. DESIGN PRESSURE
150.5"	+/- 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.



YKK AP AMERICA

101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303

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

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
WIND LOAD / DEAD LOAD
ANCHOR DETAILS

PREPARED BY:
BUILDING DROPS, INC.

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



REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:

FL25556

DATE: 12.06.17

DWG. BY: RV
CHK. BY: HFN

SCALE: NTS

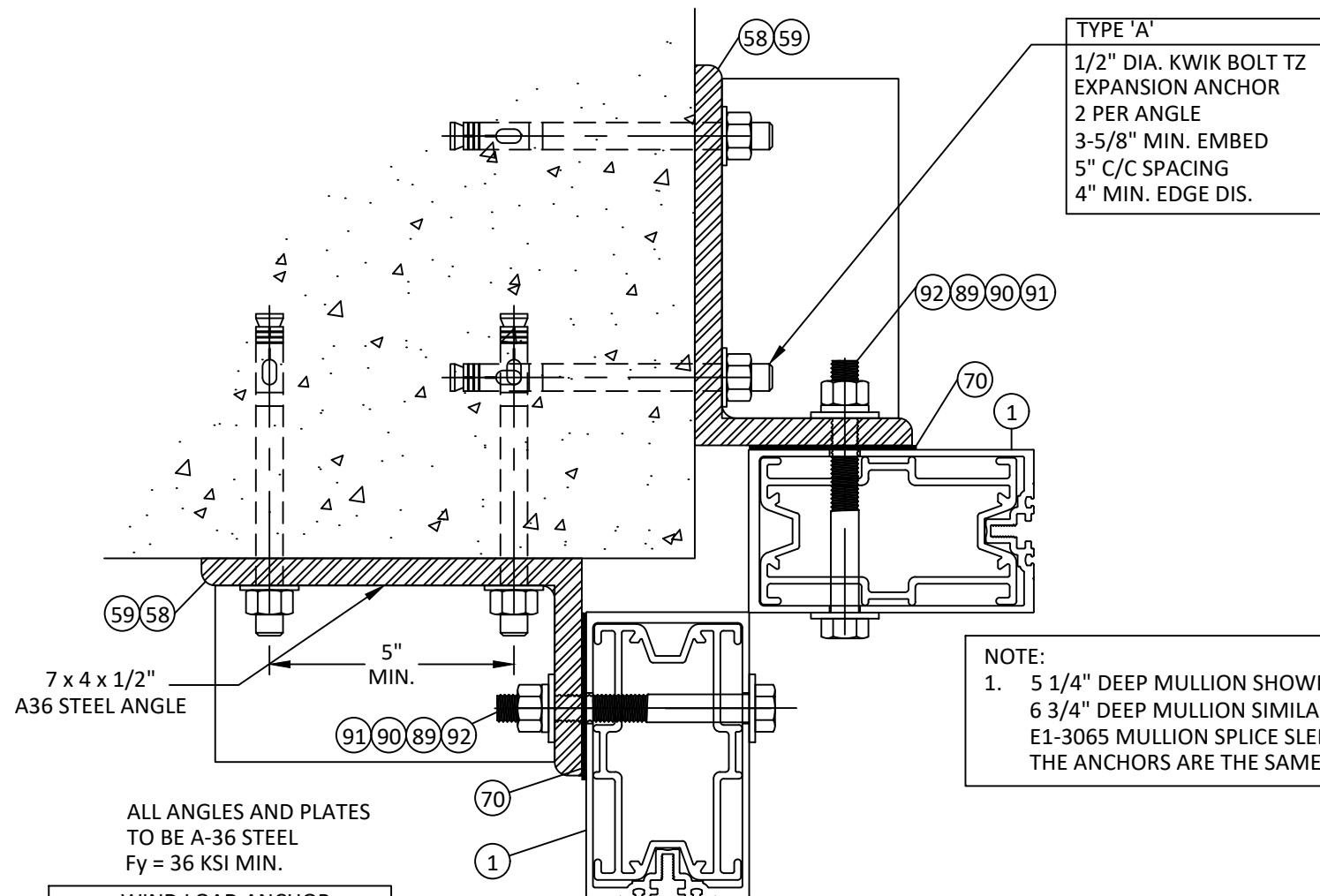
DWG. #: YKK251

SECTION: 8.4

REV. A

7/28/2026 12:15 PM

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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.

WL / DL ANCHOR CAPACITY	
MAX. SPAN 'L'	MAX. DESIGN PRESSURE
114"	+/- 90 PSF
126"	+/- 90 PSF
138"	+/- 90 PSF
150.5"	+/- 90 PSF

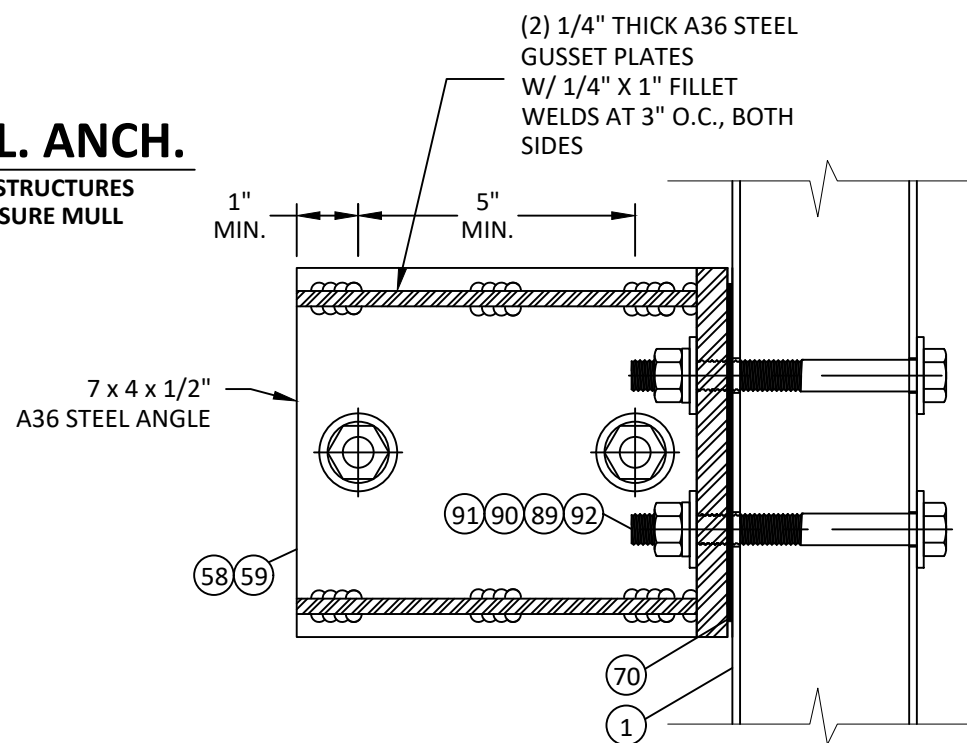
NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH E1-3065 MULLION SPLICE SLEEVE.
THE ANCHORS ARE THE SAME FOR BOTH DEPTHS.

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

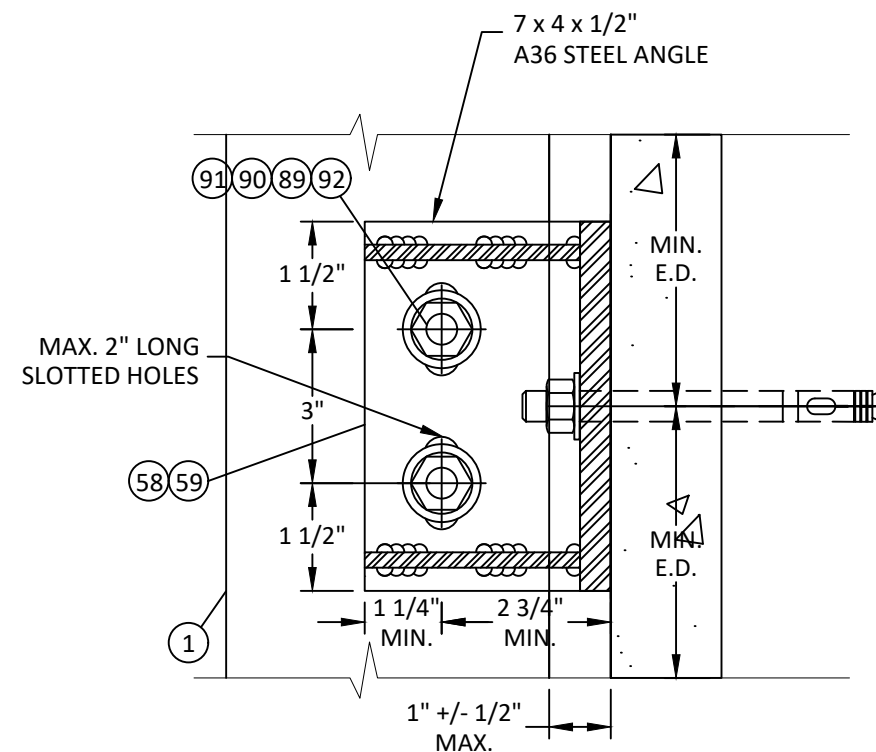
WIND LOAD ANCHOR

WIND + DEAD LOAD ANCHOR

26 CORNER MULL. ANCH. 8.5 ANCHORS INTO METAL STRUCTURES LOW/STANDARD PRESSURE MULL



EXTERIOR VIEW
WIND/DEAD LOAD ANCHOR
AT JAMB



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



YKK AP AMERICA

101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303

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

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HWHZ) (IMPACT)
WIND LOAD / DEAD LOAD
ANCHOR DETAILS

PREPARED BY:
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PH: (954)399-8478
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REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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FL #:

FL25556

DATE: 12.06.17

DWG. BY:
RV

CHK. BY:
HFN

SCALE: NTS

DWG. #: YKK251

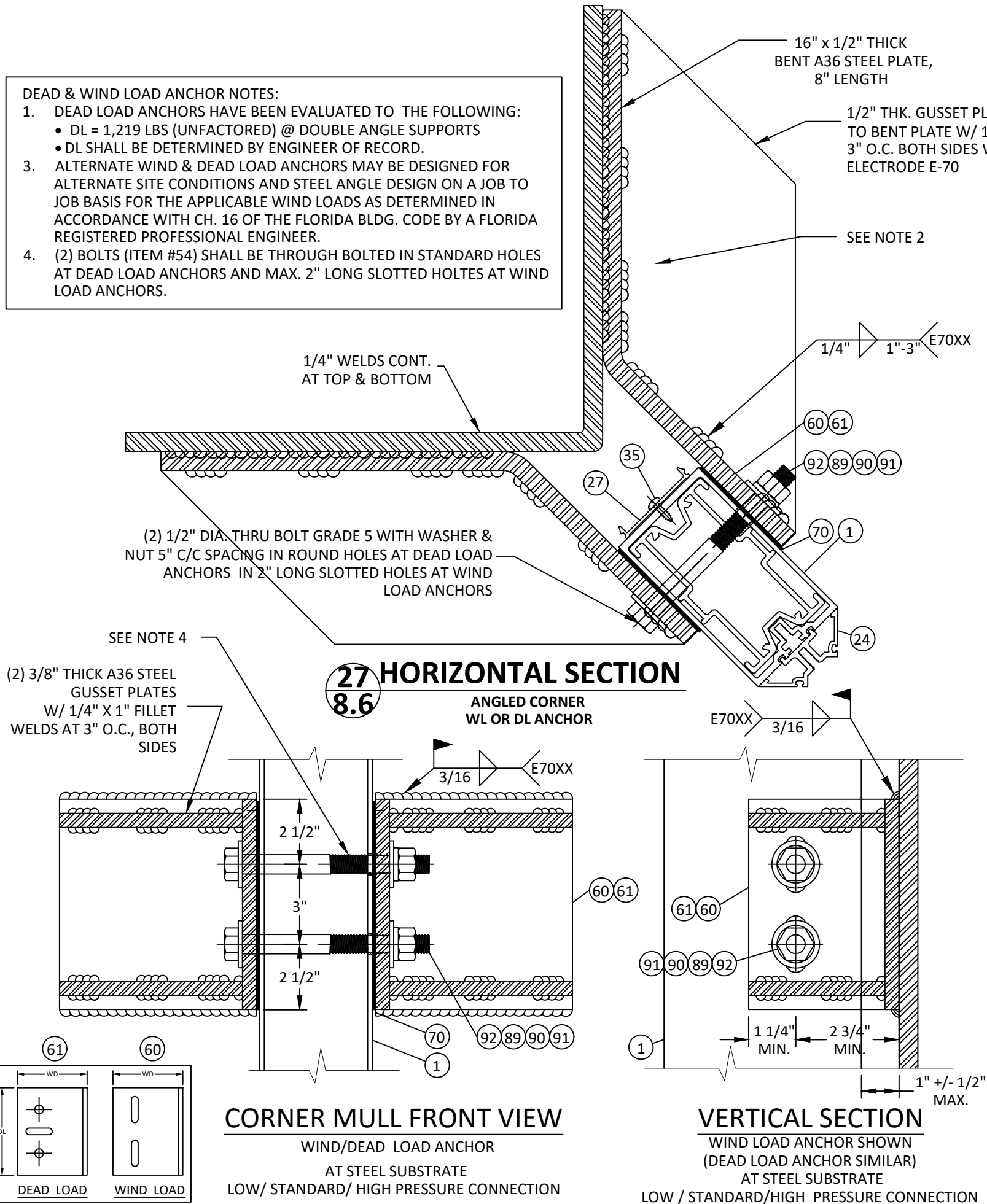
SECTION:

8.5

REV.

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- 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.
 - 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 HOLTES AT WIND LOAD ANCHORS.



NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH E1-3065 MULLION SPLICE SLEEVE.
THE ANCHORS ARE THE SAME FOR BOTH DEPTHS.

CORNER MULLION ANCHOR TABLE LIMITED BY ANCHOR CAPACITY (+/- PSF)					
NOMINAL DIMENSIONS		WL ANCHOR	WL ANCHOR	DL+WL ANCHOR	DL+WL ANCHOR
WIDTH (IN.)	HEIGHT (IN.)	TYPE F 'UNCRAKED'	TYPE F 'CRACKED'	TYPE F 'UNCRAKED'	TYPE F 'CRACKED'
30	108	90.0	90.0	90.0	80.9
36		90.0	78.0	90.0	67.5
42		85.7	66.9	81.4	57.8
48		75.0	58.5	71.3	50.6
54		66.7	52.0	63.3	45.0
60		60.0	46.8	57.0	40.5
30	114	90.0	88.7	90.0	76.7
36		90.0	73.9	90.0	63.9
42		81.2	63.3	77.1	54.8
48		71.1	55.4	67.5	47.9
54		63.2	49.3	60.0	42.6
60		56.8	44.3	54.0	38.3
30	120	90.0	84.2	90.0	72.8
36		90.0	70.2	85.5	60.7
42		77.1	60.2	73.3	52.0
48		67.5	52.7	64.1	45.5
54		60.0	46.8	57.0	40.5
60		54.0	42.1	51.3	36.4
30	126	90.0	80.2	90.0	69.4
36		85.7	66.9	81.4	57.8
42		73.5	57.3	69.8	49.6
48		64.3	50.1	61.1	43.4
54		57.1	44.6	54.3	38.5
60		50.0	40.0	47.0	34.0
30	132	90.0	76.6	90.0	66.2
36		81.8	63.8	77.7	55.2
42		70.1	54.7	66.6	47.3
48		61.4	47.9	58.3	41.4
54		54.5	42.5	51.8	36.8
60		48.0	38.0	45.0	32.0
30	138	90.0	73.3	89.2	63.3
36		78.3	61.0	74.3	52.8
42		67.1	52.3	63.7	45.2
48		58.7	45.8	55.8	39.6
54		51.0	39.0	48.0	34.0
60		44.0	33.0	41.0	29.0
30	144	90.0	70.2	85.5	60.7
36		75.0	58.5	71.3	50.6
42		64.3	50.1	61.1	43.4
48		56.3	43.9	53.4	37.9
54		49.0	38.0	46.0	33.0
60		42.0	32.0	39.0	28.0
30	150.5	86.1	67.2	81.8	58.1
36		71.8	56.0	68.2	48.4
42		61.5	48.0	58.4	41.5
48		53.8	42.0	51.1	36.3
54		46.0	36.0	44.0	31.0
60		39.0	30.0	37.0	26.0

YKK

ap

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YKK AP AMERICA

101 MARIETTA STREET NW, SUITE 2100

ATLANTA, GA 30303

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

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
WIND LOAD / DEAD LOAD
ANCHOR DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954)399-8478

FAX: (954)744-4738

WEB: www.buildingdrops.com

REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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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 COURT, STE. 2-15

MIAMI, FL 33132

FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL25556

DATE:

12.06.17

DWG. BY:

RV

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

YKK251

SECTION:

8.6

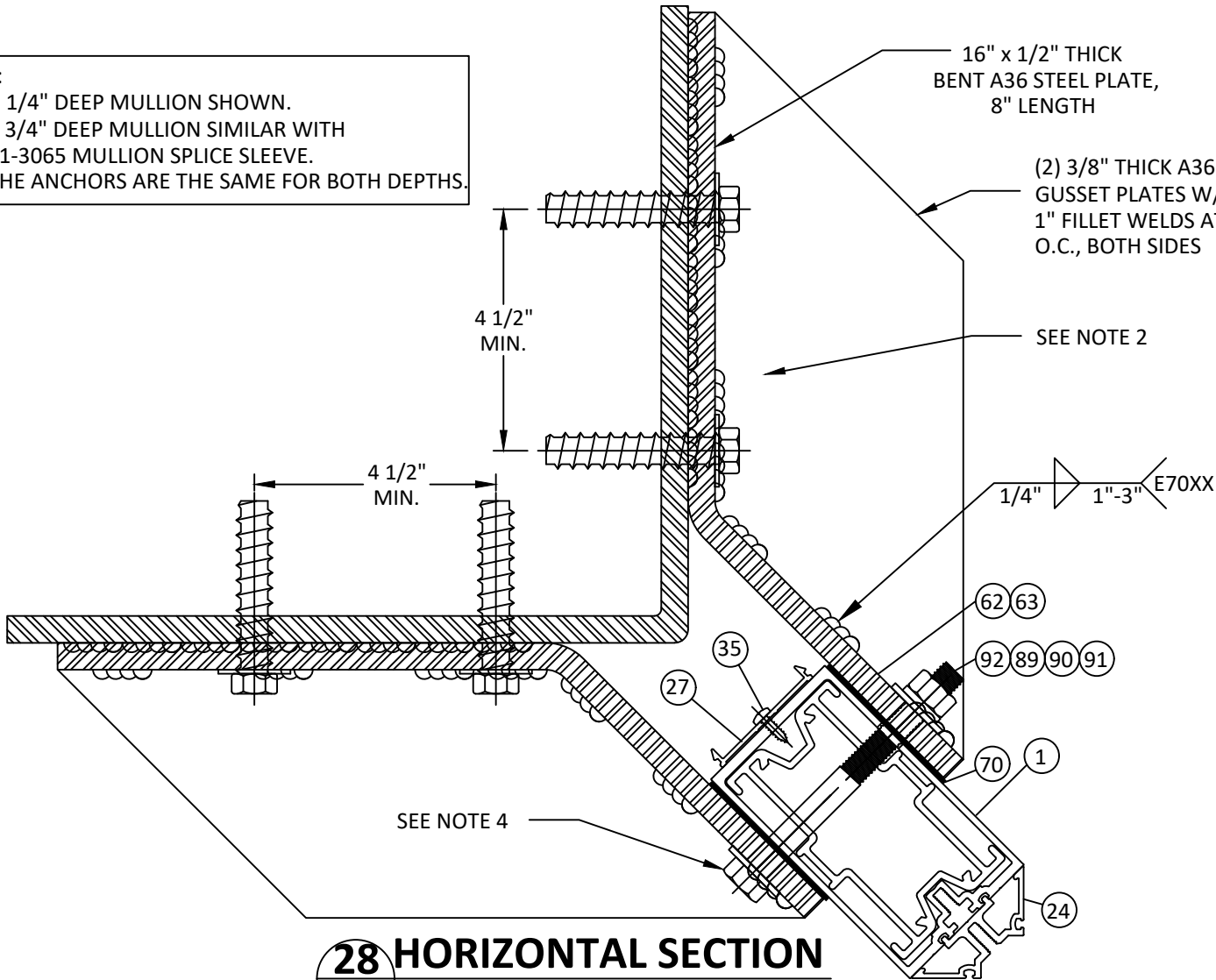
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[Page 31 of 38]

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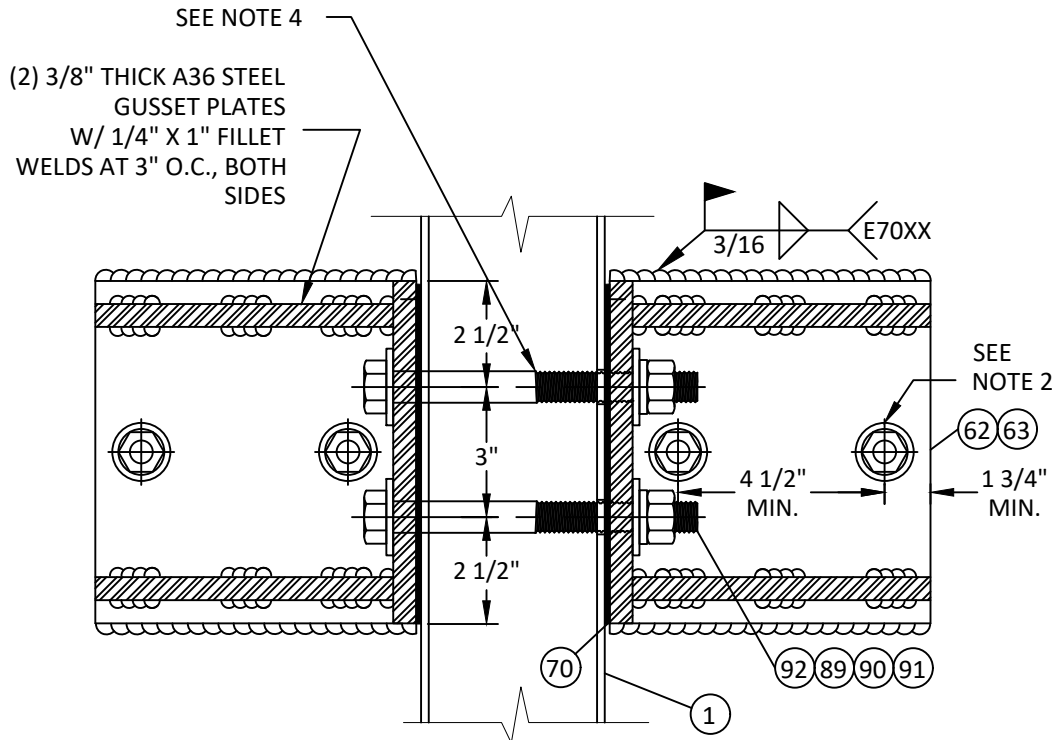
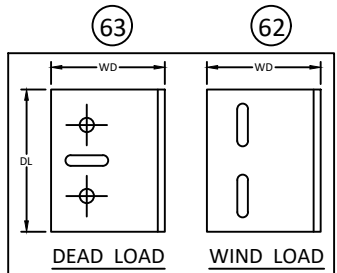
NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH
E1-3065 MULLION SPLICE SLEEVE.
THE ANCHORS ARE THE SAME FOR BOTH DEPTHS.



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

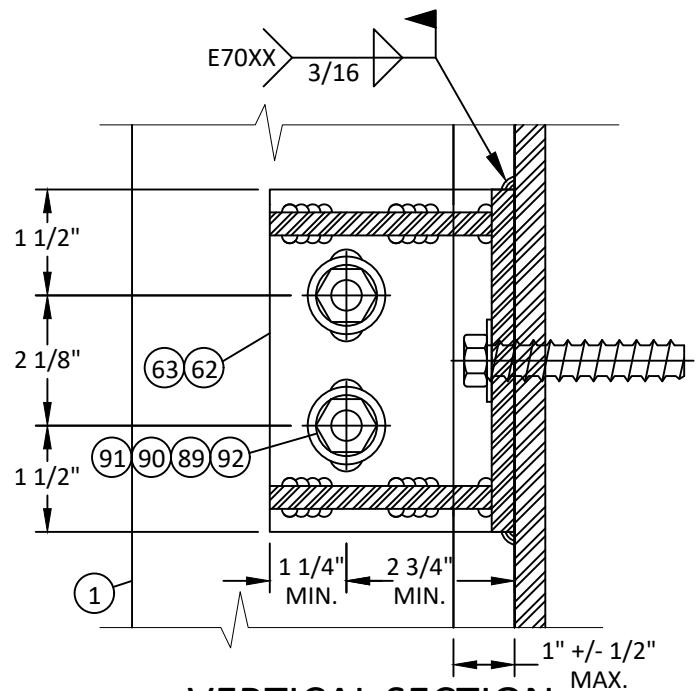
DEAD & WIND LOAD ANCHOR NOTES:

- 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.
- (2) 1/2" HILTI KWIKBOLT3 ANCHORS PER ANGLE
 - 3 THREADS MIN. PENETRATION
 - MAX. C.C. SPACING = 4 1/2"
 - MIN. EDGE DISTANCE = 4"
 - MIN. 1/4" THICK STEEL
- 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 HOLTES AT WIND LOAD ANCHORS.



CORNER MULL FRONT VIEW

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



VERTICAL SECTION

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



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

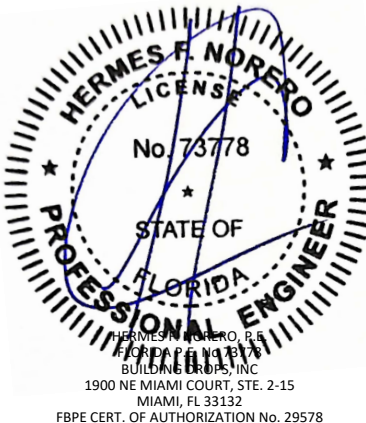
TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
WIND LOAD / DEAD LOAD
ANCHOR DETAILS

PREPARED BY:
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1900 NE MIAMI COURT, STE. 2-15
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REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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FL #:
FL25556

DATE: **12.06.17**

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

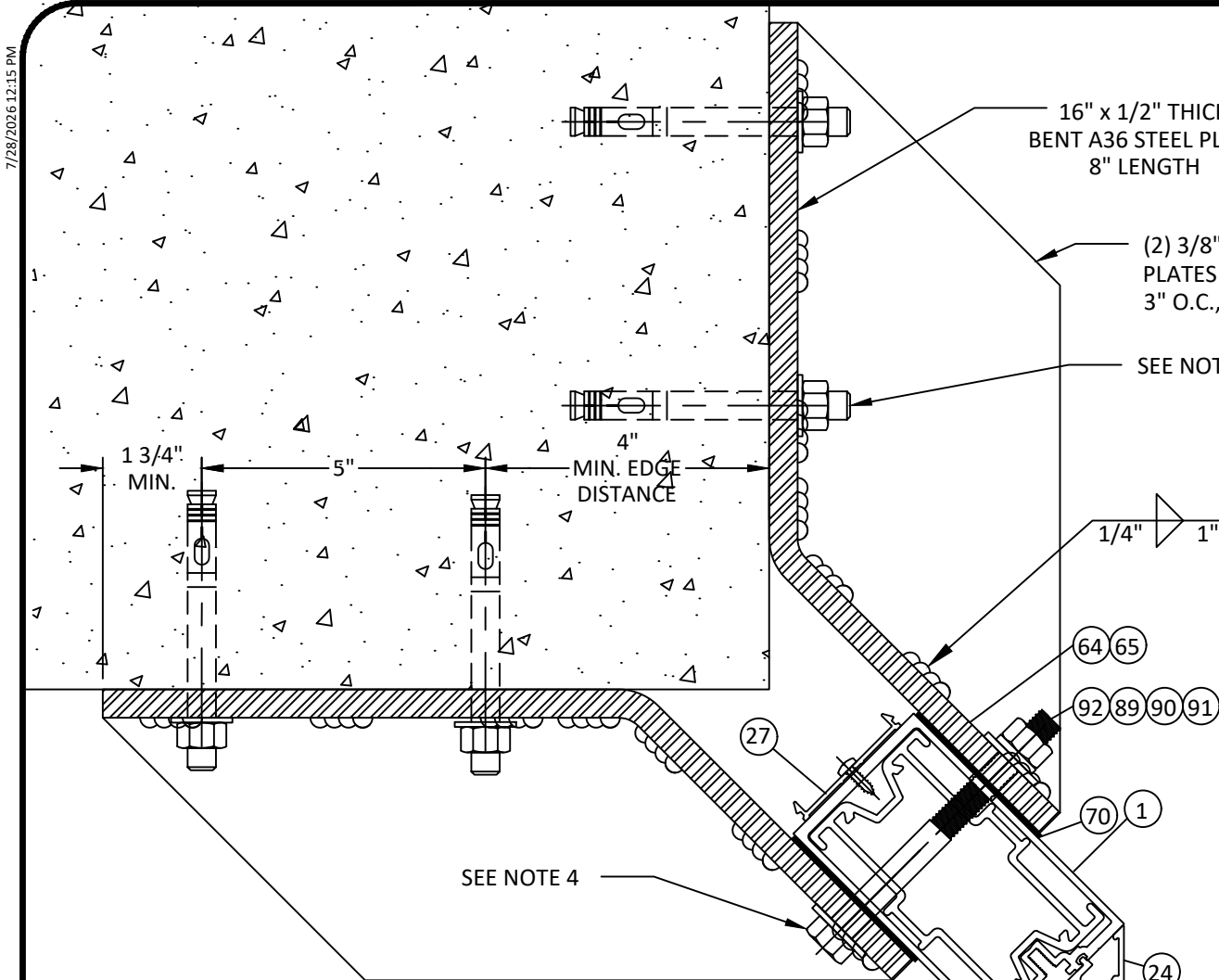
SCALE: **NTS**

DWG. #: **YKK251**

SECTION: **8.7** REV. **A**

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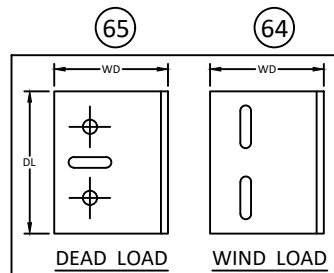


29 8.8 HORIZONTAL SECTION

OUTSIDE CORNER
WL OR DL ANCHOR

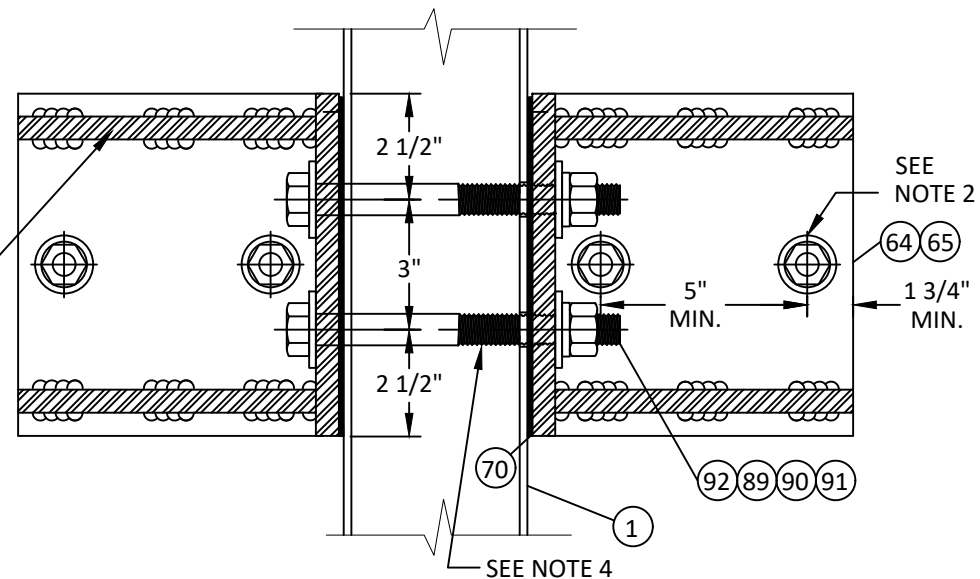
NOTE:
1. 5 1/4" DEEP MULLION SHOWN.
6 3/4" DEEP MULLION SIMILAR WITH
E1-3065 MULLION SPLICE SLEEVE.
THE ANCHORS ARE THE SAME FOR BOTH DEPTHS.

- 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.
 - (2) 1/2" HILTI KWIKBOLT3 ANCHORS PER ANGLE
 - MIN. EMBEDMENT = 3 1/4"
 - MAX. C.C. SPACING = 5"
 - MIN. EDGE DISTANCE = 4"
 - 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
 - (2) BOLTS (ITEM #54) SHALL BE THROUGH BOLTED IN STANDARD HOLES AT DEAD LOAD ANCHORS AND MAX. 2" LONG SLOTTED HOLTES AT WIND LOAD ANCHORS.



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.

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

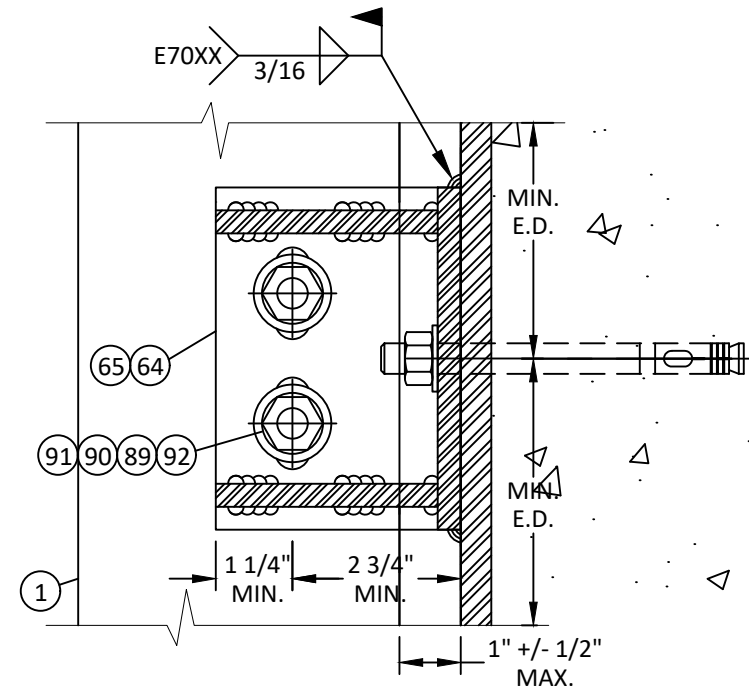


CORNER MULL FRONT VIEW

WIND/DEAD LOAD ANCHOR

AT STEEL SUBSTRATE

LOW/ STANDARD/ HIGH PRESSURE CONNECTION



VERTICAL SECTION

WIND LOAD ANCHOR SHOWN
(DEAD LOAD ANCHOR SIMILAR)

AT STEEL SUBSTRATE

LOW / STANDARD/HIGH PRESSURE CONNECTION



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FL #:

FL25556

DATE: 12.06.17

DWG. BY:
RV

CHK. BY:
HFN

SCALE: NTS

DWG. #: YKK251

SECTION:

8.8

REV.

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ANCHOR CAPACITIES FOR STANDARD MULLION

WIND LOAD + DEAD LOAD FOR
STANDARD MULLION

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE A 'UNCRACKED'	ANCHOR TYPE A 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)		
30	108	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	90.0
54		90.0	85.9
60		90.0	77.3
30	114	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	90.0
54		90.0	81.4
60		85.4	73.3
30	120	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	87.0
54		90.0	77.3
60		81.1	69.6
30	126	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	82.9
54		85.8	73.7
30	132	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	79.1
54		81.9	70.3
30	138	90.0	90.0
36		90.0	90.0
42		90.0	86.5
48		88.2	75.7
30	144	90.0	90.0
36		90.0	90.0
42		90.0	82.9
48		84.5	72.5
30	150.5	90.0	90.0
36		90.0	90.0
42		90.0	79.3
48		80.9	69.4

WIND LOAD FOR STANDARD
MULLION

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE F 'UNCRACKED'	ANCHOR TYPE F 'CRACKED'
WIDTH (IN.)	HEIGHT (IN.)		
30	108	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	90.0
54		90.0	90.0
60		90.0	85.3
30	114	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	90.0
54		90.0	89.8
60		90.0	80.8
30	120	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	90.0
54		90.0	85.3
60		88.8	76.8
30	126	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	90.0
54		90.0	81.3
30	132	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	87.3
54		89.7	77.6
30	138	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	83.5
30	144	90.0	90.0
36		90.0	90.0
42		90.0	90.0
48		90.0	80.0
30	150.5	90.0	90.0
36		90.0	90.0
42		90.0	87.5
48		88.5	76.5



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

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVBZ) (IMPACT)
WIND LOAD / DEAD LOAD
ANCHOR DETAILS

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

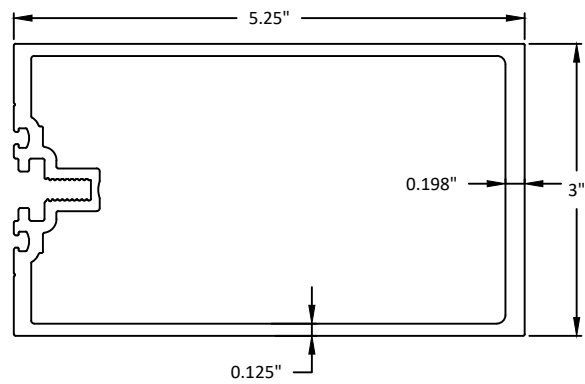


REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26
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 HERMES F. NORERO, P.E. BUILDING DROPS, INC. 1900 NE MIAMI COURT, STE. 2-15 MIAMI, FL 33132 FBPE CERT. OF AUTHORIZATION No. 29578		
FL #: FL25556		
DATE: 12.06.17		
DWG. BY: RV	CHK. BY: HFN	
SCALE: NTS		
DWG. #: YKK251		
SECTION: 8.9		REV. A

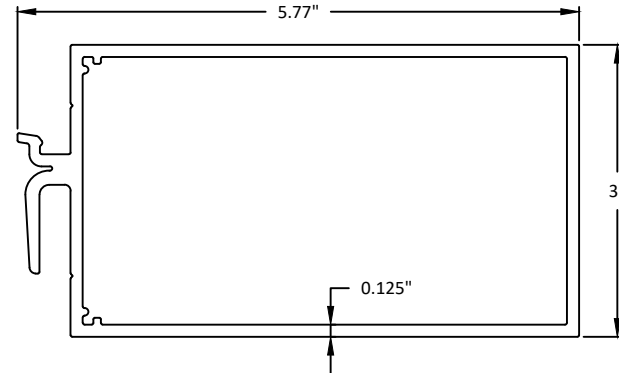
[Page 34 of 38]

7/28/2026 12:14 PM

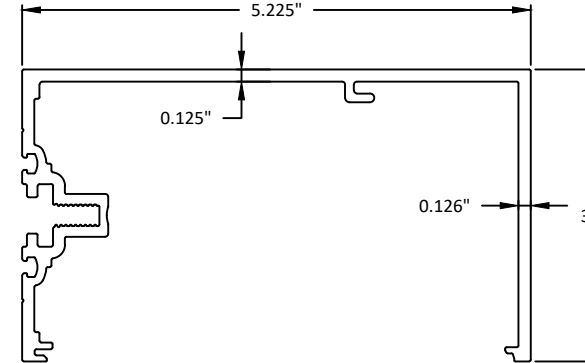
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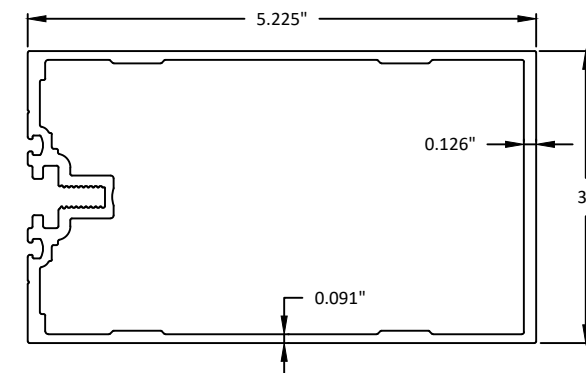
① VERTICAL/HORIZONTAL



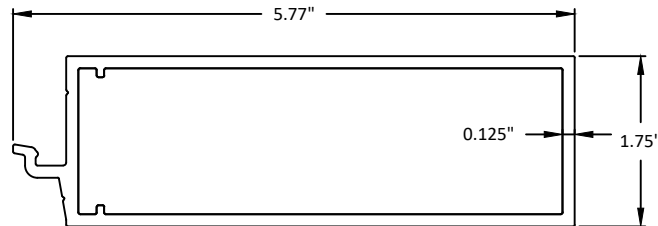
② TUBULAR HORIZONTAL



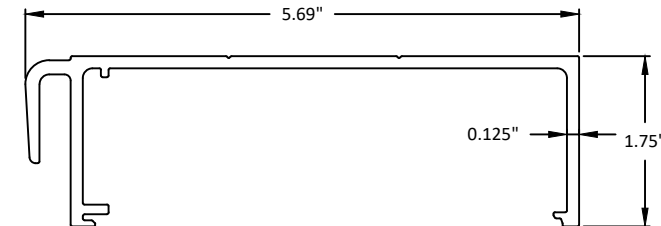
③ OPEN BACK HEAD/SILL



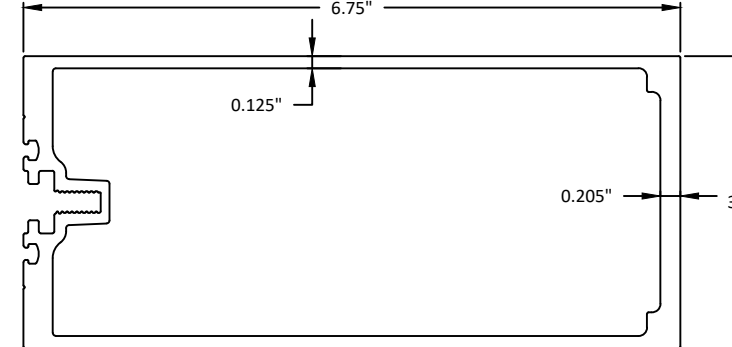
④ LIGHT DUTY VERTICAL/HORIZONTAL



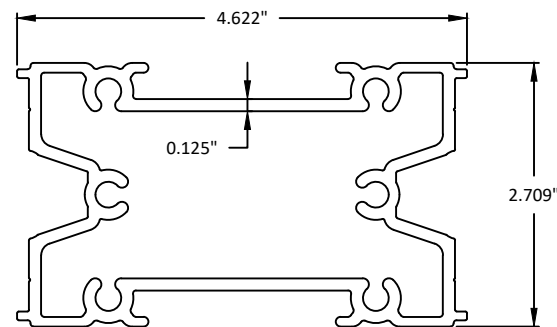
⑤ EXPANSION HORIZONTAL (TOP)



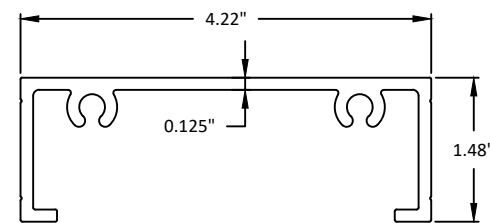
⑥ EXPANSION HORIZONTAL (BOTTOM)



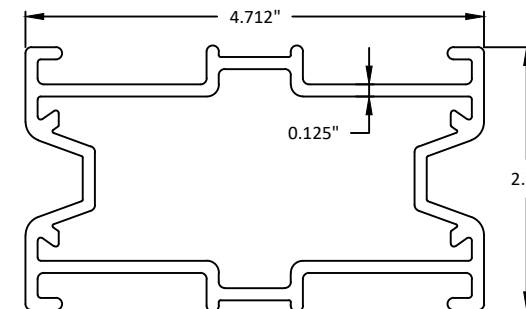
⑦ HEAVY DUTY VERTICAL/HORIZONTAL



⑨ STANDARD SHEAR BLOCK

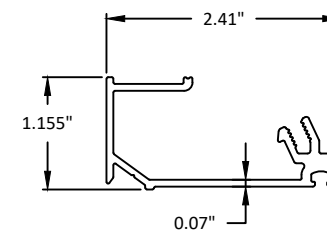


⑩ SHEAR BLOCK

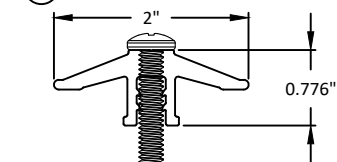


⑪ ANCHOR SLEEVE
AT TOP & BOTTOM OF VERTICALS

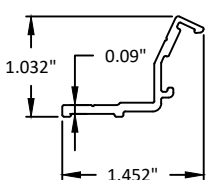
⑤1 MULLION SPLICE SLEEVE



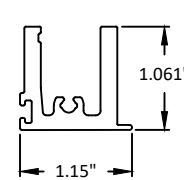
⑫ SILL TRIM



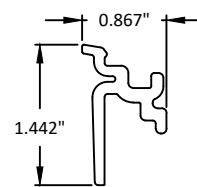
⑬ TOGGLE BAR ASSEMBLY



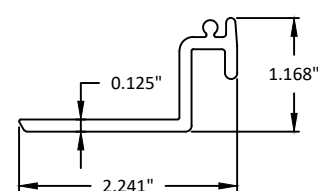
⑭ PERIMETER TRIM CLIP



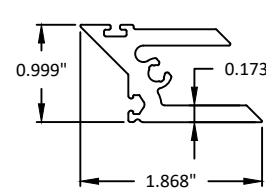
⑬6 CASSETTE PERIMETER (TAPED)



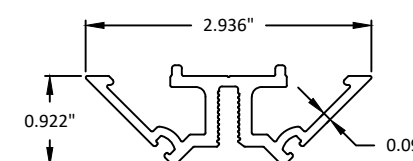
⑬8 HORIZONTAL ADAPTOR



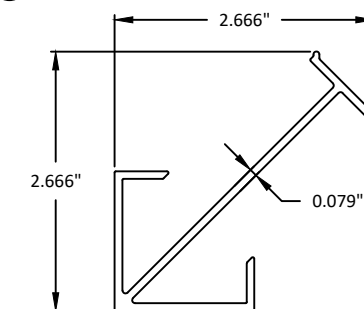
⑬0 SETTING BLOCK CHAIR



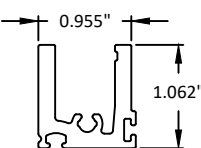
⑬2 CORNER PERIMETER CASSETTE
(GASKETED)



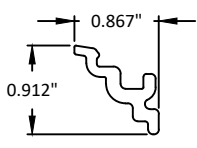
⑬4 90° OUTSIDE GLAZING ADAPTOR



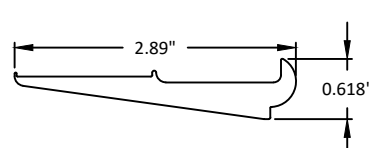
⑬6 90° OUTSIDE CORNER ADAPTOR



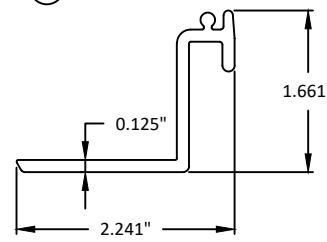
⑬5 CASSETTE PERIMETER
(GASKETED)



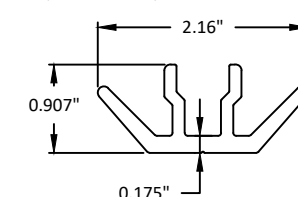
⑬7 SILL ADAPTOR



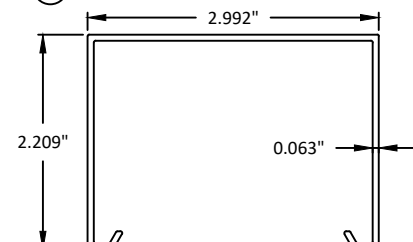
⑬9 STTING BLOCK CHAIR



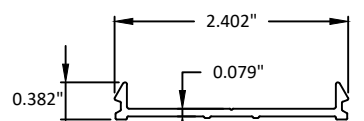
⑬1 SETTING BLOCK CHAIR



⑬3 90° OUTSIDE CORNER TOGGLE BAR



⑬5 CORNER INTERIOR COVER



⑬7 90° OUTSIDE CORNER
INTERIOR COVER BASE



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

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

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
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REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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FL #:
FL25556

DATE: **12.06.17**

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

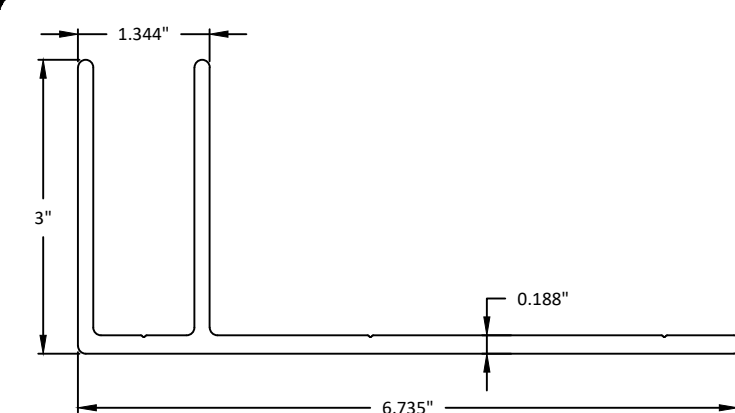
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DWG. #: **YKK251**

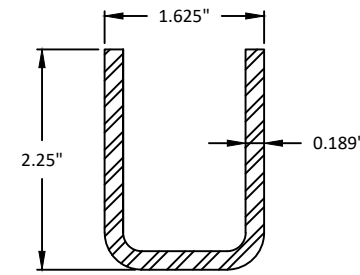
SECTION: **9.0** REV. **A**

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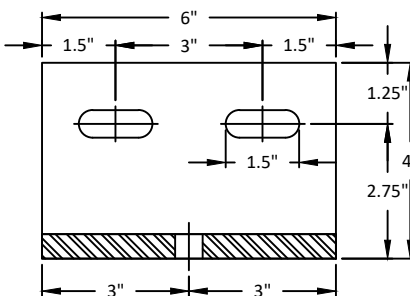
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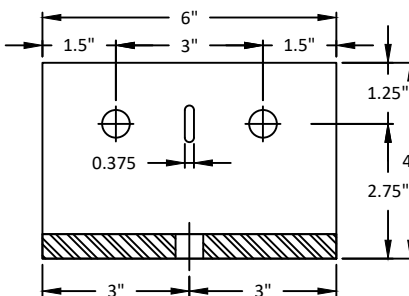
38 JAMB "F" ANCHOR



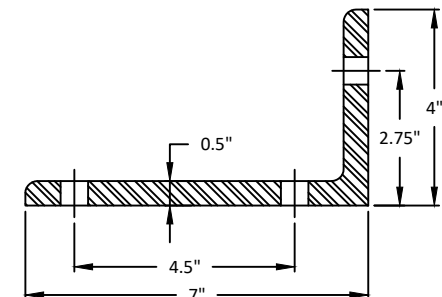
40 DOOR JAMB ANCHOR



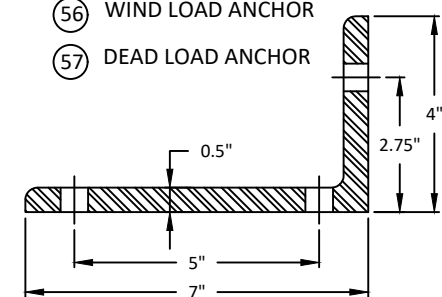
56 WIND LOAD ANCHOR
58 WIND LOAD ANCHOR



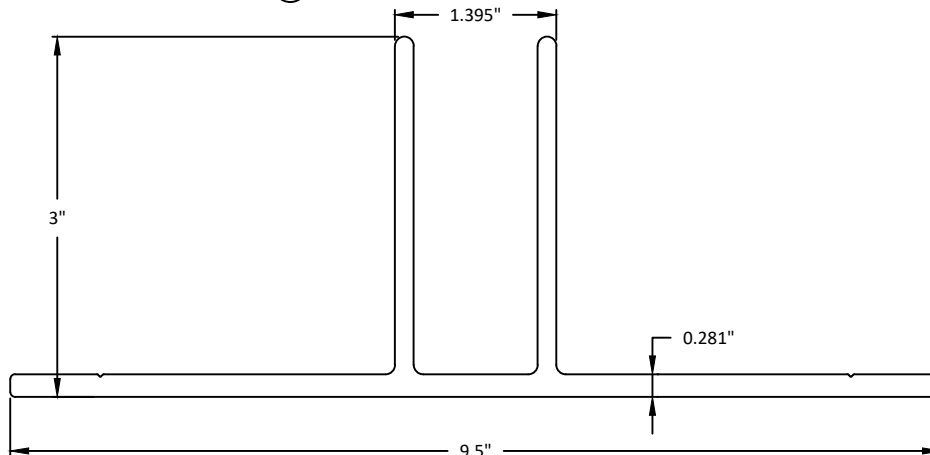
57 DEAD LOAD ANCHOR
59 DEAD LOAD ANCHOR



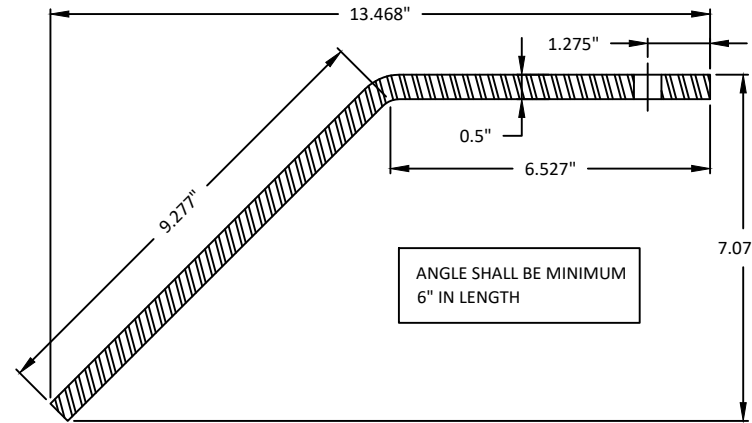
56 WIND LOAD ANCHOR
57 DEAD LOAD ANCHOR



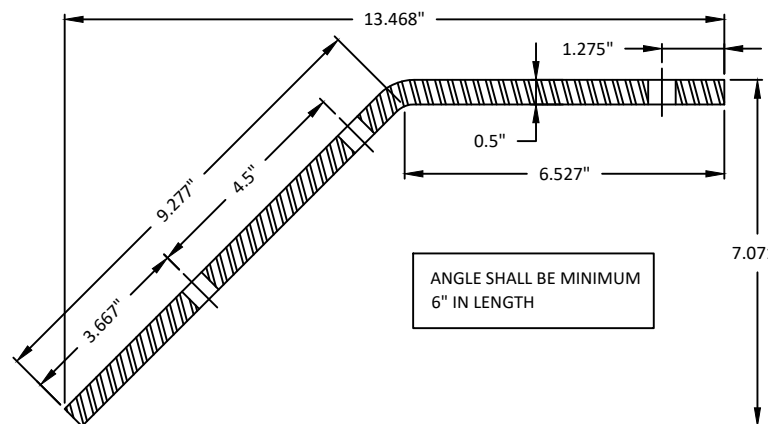
58 WIND LOAD ANCHOR
59 DEAD LOAD ANCHOR



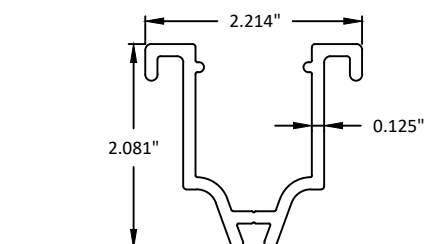
39 INTERMEDIATE VERTICAL "T" ANCHOR



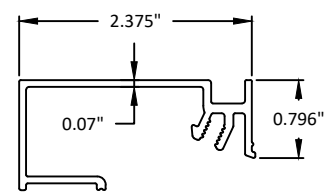
60 WIND LOAD ANCHOR
61 DEAD LOAD ANCHOR



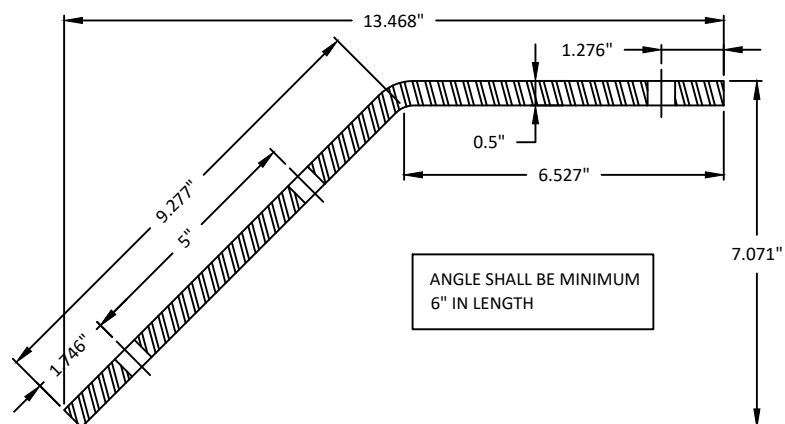
62 WIND LOAD ANCHOR
63 DEAD LOAD ANCHOR



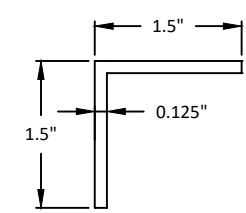
71 ANCHOR / SPLICE SLEEVE EXTENSION



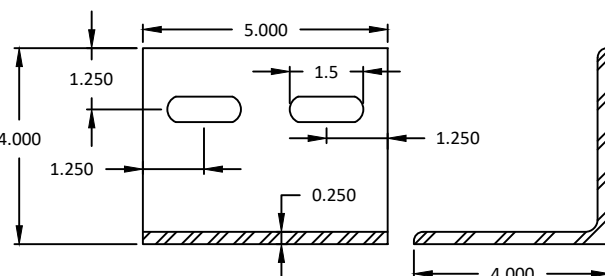
75 PERIMETER TRIM FOR 1 5/16" GLASS



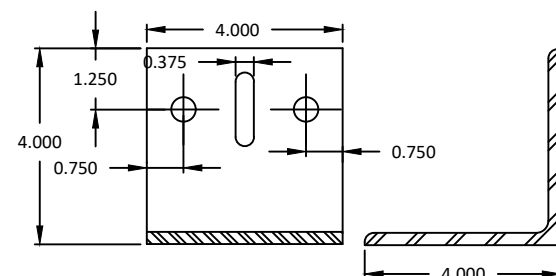
64 WIND LOAD ANCHOR
65 DEAD LOAD ANCHOR



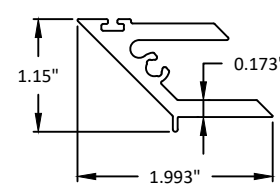
96 1-1/2" X 1-1/2" X 1/8" ANGLE



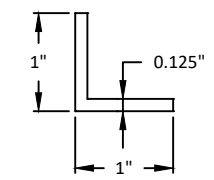
45 WIND LOAD ANCHOR



46 DEAD LOAD ANCHOR



93 CORNER PERIMETER CASSETTE (TAPED)



97 1" X 1" X 1/8" ANGLE



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

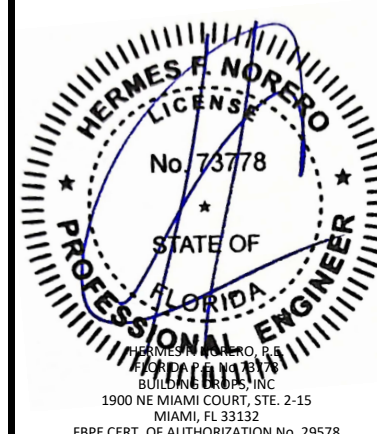
TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
BILL OF MATERIALS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
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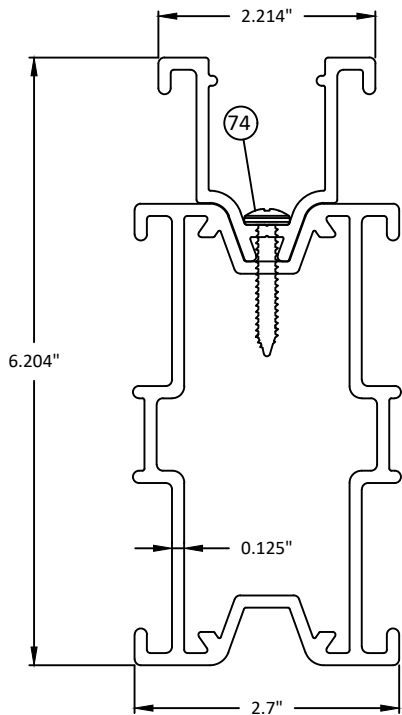


REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

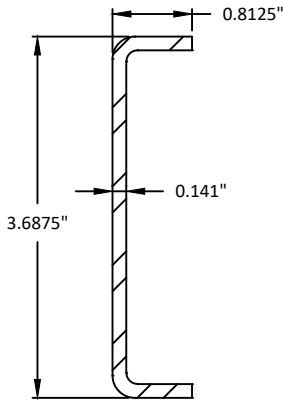
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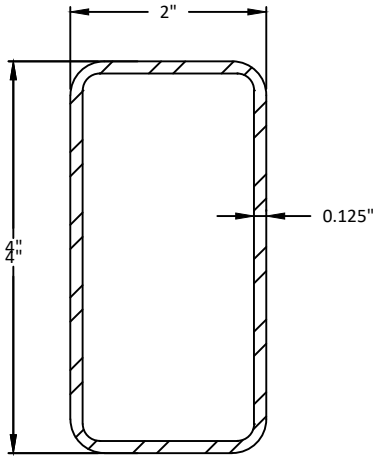
FL #:	FL25556
DATE:	12.06.17
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK251
SECTION:	9.1
REV.	A



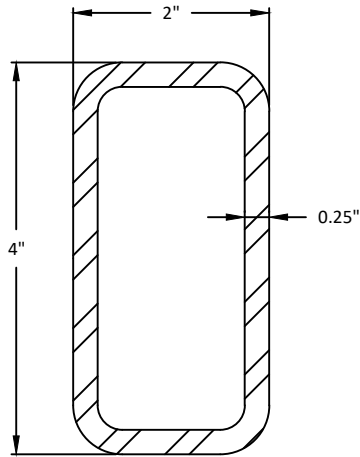
73 MULLION ANCHOR SLEEVE (3" LONG)



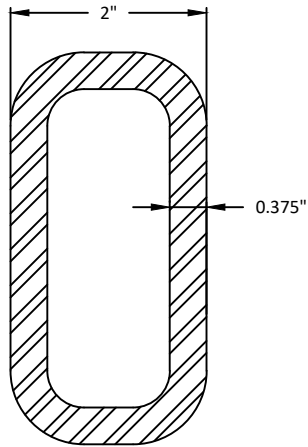
81 STEEL REINF CHANNEL (13/16" X 3-11/16" X 9/64")



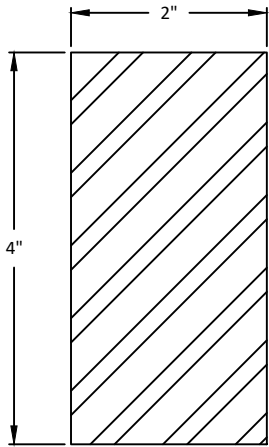
82 STEEL REINFORCING TUBE (2" X 4" X 1/8")



83 STEEL REINFORCING TUBE (2" X 4" X 1/4")



84 STEEL REINFORCING TUBE (2" X 4" X 3/8")



85 STEEL REINFORCING BAR (2" X 4")



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

TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
BILL OF MATERIALS

PREPARED BY:
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DATE:	12.06.17
DWG. BY:	CHK. BY:
RV	HFN
SCALE:	NTS
DWG. #:	YKK251
SECTION:	REV.
9.2	A
[Page 37 of 38]	

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ITEM	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	E9-3230	VERTICAL / HORIZONTAL	6063-T6	YKK AP
2	E9-3242	TUBULAR HORIZONTAL	6063-T5	YKK AP
3	E9-3231	OPEN BACK HEAD / SILL	6063-T5	YKK AP
4	E9-3248	LIGHT DUTY VERTICAL / HORIZONTAL MULLION	6063-T6	YKK AP
5	E9-3243	EXPANSION HORIZONTAL (TOP)	6063-T5	YKK AP
6	E9-3244	EXPANSION HORIZONTAL (BOTTOM)	6063-T5	YKK AP
7	E9-3251	HEAVY DUTY VERTICAL/HORIZONTAL	6063-T6	YKK AP
8	E9-3162	FLUSH FILLER	6063-T5	YKK AP
9	E1-3049	SHEAR BLOCK	6063-T5	YKK AP
10	E1-3064	SHEAR BLOCK	6063-T5	YKK AP
11	E1-3054	MULLION ANCHOR SLEEVE (3" LONG)	6063-T5	YKK AP
12	E9-3255	SILL TRIM (1-5/16" GL)	6063-T5	YKK AP
13	H-3541	TOGGLE BAR ASSEMBLY	---	---
14	E1-3543	PERIMETER TRIM CLIP	6063-T5	YKK AP
15	E9-3232	PERIMETER CASSETTE (GASKETED)	6063-T5	YKK AP
16	E9-3233	PERIMETER CASSETTE (TAPE)	6063-T5	YKK AP
17	E9-3254	SILL ADAPTOR	6063-T5	YKK AP
18	E9-3246	HORIZONTAL ADAPTOR	6063-T5	YKK AP
19	E1-3050	SETTING BLOCK CHAIR	6063-T5	YKK AP
20	E1-3052	SETTING BLOCK CHAIR	6063-T5	YKK AP
21	E1-3051	SETTING BLOCK CHAIR	6063-T5	YKK AP
22	E9-3240	CORNER PERIMETER CASSETTE (GASKETED)	6063-T5	YKK AP
23	E9-3241	TOGGLE BAR (CORNER)	6063-T5	YKK AP
24	E9-3239	CORNER GLAZING ADAPTOR	6063-T5	YKK AP
25	E9-3165	90° CORNER INT. COVER	6063-T5	YKK AP
26	E9-3238	90° OUTSIDE CORNER ADAPTOR	6063-T5	YKK AP
27	E9-1280	90° CORNER INTERIOR COVER BASE	6063-T5	YKK AP
28	PM-2524-SS	1/4"-20 X 1-1/2" PHSMS SS	STAINLESS STEEL	---
29	PM-1006-SS	#10-24 X 3/8" PHSMS SS	STAINLESS STEEL	---
30	PF-2528	1/4"-20 X 1-3/4" PHSMS TYPE F	ZINC PLATED STEEL	---
31	FC-1212	#12 X 3/4" FHSMS TYPE AB	ZINC PLATED STEEL	---
32	PF-2528	1/4"-20 X 1-3/4" PHSMS TYPE F	ZINC PLATED STEEL	---
34	PC-1210	#12 X 5/8" PHSMS TYPE AB	ZINC PLATED STEEL	---
35	PC-1010	#10 X 5/8" PHSMS TYPE AB	ZINC PLATED STEEL	---
36	HF-2510-W1	1/4"-20 X 5/8" HWHS TYPE F	ZINC PLATED STEEL	---
37				
38	E1-3067	'F' JAMB END ANCHOR	6063-T5	YKK AP
39	E1-3003	'T' MULLION END ANCHOR	6063-T5	YKK AP
40	E1-3062	DOOR JAMB ANCHOR	A36 STEEL	---
45	E1-1204	WIND LOAD ANCHOR	A36 STEEL	---
46	E1-1205	DEAD LOAD ANCHOR	A36 STEEL	---
47	E2-0110	GLAZING SPACER TAPE	Polyurethane Foam	---
48	E2-0262	SSG CASSETTE GASKET	SILICONE	---
49	E2-0408	SETTING BLOCK	SILICONE (85±5)	
50	E2-7017	SETTING BLOCK	EPDM (85±5)	

ITEM	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
51	E1-3048	MULLION SPLICE SLEEVE (6" LONG)	6063-T5	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	---
56	-	WINDLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
57	-	DEADLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
58	-	WINDLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
59	-	DEADLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
60	-	WINDLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
61	-	DEADLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
62	-	WINDLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
63	-	DEADLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
64	-	WINDLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
65	-	DEADLOAD ANCHOR (STD MULLION)(NOT BY YKK AP)	A36 STEEL	---
66	E1-3058	SHEAR CLIP ANGLE FOR 90° CORNER MULLION (L.H.)	6063-T5	YKK AP
67	E1-3059	SHEAR CLIP ANGLE FOR 90° CORNER MULLION (R.H.)	6063-T5	YKK AP
68	---	---	---	---
69	E2-7001	INTERIOR GASKET	SILICONE	---
70	E3-0103	ANCHOR SLIP PAD	NYLON	---
71	E9-3432	SPLICE SLEEVE EXTENSION	6063-T5	YKK AP
72	E1-3536	JAMB ANCHOR PLATE	ALUM SHEET	---
73	E1-3066	MULLION ANCHOR SLEEVE (3" LONG)	6063-T5	YKK AP
74	PC-1216	#12 X 1" PHSMS TYPE AB	ZINC PLATED STEEL	---
75	E9-3234	PERIMETER TRIM (1-5/16" GL)(SHOP-GLAZED)	6063-T5	YKK AP
76	FC-1210	#12 X 5/8" FHSMS TYPE AB	ZINC PLATED STEEL	---
77	E1-3056	SHEAR CLIP ANGLE FOR 90° CORNER MULLION	6063-T5	YKK AP
78	E1-3057	SHEAR CLIP ANGLE FOR 90° CORNER MULLION	6063-T5	YKK AP
79	E1-3060	SHEAR CLIP ANGLE FOR 90° CORNER MULLION (L.H.)	6063-T5	YKK AP
80	E1-3061	SHEAR CLIP ANGLE FOR 90° CORNER MULLION (R.H.)	6063-T5	YKK AP
81	E1-0157	STEEL REINF CHANNEL (13/16" X 3-11/16" X 9/64")	A36 STEEL	---
82	E1-0187	STEEL REINFORCING TUBE (2" X 4" X 1/8")	A36 STEEL	---
83	E1-0162	STEEL REINFORCING TUBE (2" X 4" X 1/4")	A36 STEEL	---
84	-	STEEL REINFORCING TUBE (2" X 4" X 3/8")	A36 STEEL	---
85	-	STEEL REINFORCING BAR (2" X 4")	A36 STEEL	---
86	E1-3055	90° CORNER MULLION ANCHOR	---	---
87	FC-1220	#12 X 1-1/4" FHSMS TYPE	ZINC PLATED STEEL	---
88	HM-5072	1/2"-13 X 4-1/2" HHMS	ZINC PLATED STEEL	---
89	HM-5000	1/2"-13 NUT HHMS	ZINC PLATED STEEL	---
90	WS-5000	1/2" LOCK WASHER	ZINC PLATED STEEL	---
91	WW-5000	1/2" FLAT WASHER	ZINC PLATED STEEL	---
92	---	1/2"-13 HHMS BOLT (GRADE 5) OF SUFFICIENT LENGTH TO ACHIEVE FULL ENGAGEMENT W/ NUT SAE GR5 OR ASTM A325	---	---
93	E9-3249	CORNER PERIMETER CASSETTE (TAPED)	6063-T5	YKK AP
94	PM-2512-SS	1/4"-20 X 3/4" PHSMS SS	STAINLESS STEEL	---
95	E2-0239	ISOLATOR TAPE	PVC SPONGE	---
96	E9-9303	1-1/2" X 1-1/2" X 1/8" ANGLE	6063-T5	YKK AP
97	E9-9302	1" X 1" X 1/8" ANGLE	6063-T5	YKK AP



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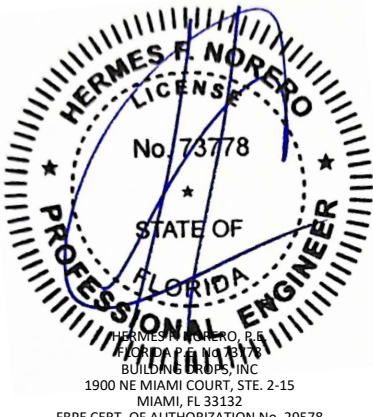
TITLE:
YHC 300 SSG CASSETTE CURTAIN WALL
SYSTEM - INSULATING GLASS
(HVHZ) (IMPACT)
BILL OF MATERIALS

PREPARED BY:
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REMARKS	BY	DATE
2026 CODE UPDATE	SH	07.28.26

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 #:		FL25556	
DATE:		12.06.17	
DWG. BY:	RV	CHK. BY:	HFN
SCALE:		NTS	
DWG. #:		YKK251	
SECTION:		REV. A	
9.3			
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