WEST TAMPA GLASS COMPANY
SINCE 1934

2705 N. 35th STREET
TAMPA, FLORIDA 33605

SERIES WTG - 700
ALUMINUM CURTAIN WALL SYSTEM

SMI, LMI, "MISSILE-E"

OVERALL SIZE LIMITATIONS (PER MULLION ASSEMBLY)

	MAX TRIBUTARY SQ FT		MAX SPAN		MAX PSF	
700 SYSTEM	SINGLE SPAN	TWIN SPAN	SINGLE SPAN	TWIN SPAN	SINGLE SPAN	TWIN SPAN
JAMB - 706D	31.3	31.3	154 1/2"	167 1/4"	125	125
VERT - 704/705	60	69.7	154 1/2"	167 1/4"	125	125
JAMB SSG - 706D	31.3	36.3	154 1/2"	167 1/4"	90	85
VERT SSG - 704BG/705BG	60	69.7	154 1/2"	167 1/4"	90	85
EXP SSG - 734BG/735BG	60	69.7	154 1/2"	167 1/4"	90	85

HEAD/SILL ANCHOR SCHEDULE (SEE ANCHOR SHEETS 17-17A FOR SPACING)

ITEM	SUBSTRATE	DESCRIPTION	MAX RX
C2	*CONCRETE (3000 PSI MIN. w/ DeWALT ULTRACON, ITW TAPCON OR EQUAL)*	*(2) 5/16" X 2-3/4" HWH ANCHOR (3-3/4" SPACING)EA. SIDE OF MULLION, W/2-1/4" MIN.PENETRATION,1-3/4" MIN EDGE DISTANCE*	1,392 LBS
C3		*(3) 5/16" X 2-3/4" HWH ANCHOR (3-3/4" SPACING)EA. SIDE OF MULLION, W/2-1/4" MIN.PENETRATION,1-3/4" MIN EDGE DISTANCE*	2,088 LBS
C4		*(4) 5/16" X 2-3/4" HWH ANCHOR (3-3/4" SPACING)EA. SIDE OF MULLION, W/2-1/4" MIN.PENETRATION,1-3/4" MIN EDGE DISTANCE*	2,784 LBS
S2	*STEEL (10 GAUGE, MIN. w/ DeWALT DRIL-FLEX, SAE GRADE 5 MIN. OR EQUAL)*	*(2) 5/16"-24 X 1 1/2" HWH#4 SELF DRILLING SCREW EA. SIDE OF MULLION, 3" SPACING TYP.*	2,730 LBS
S3		*(3) 5/16"-24 X 1 1/2" HWH#4 SELF DRILLING SCREW EA. SIDE OF MULLION, 3" SPACING TYP.*	4,130 LBS

GENERAL NOTES

1. This product has been evaluated and is in compliance with the current Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details.
3. When used in the "HVHZ" this product complies with section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the FBC and does not require an impact resistant covering. This product meets missile level "D" , "E" and includes Wind Zone 4 as defined in ASTM E1996 and Section 1609.1.2 of the FBC and TAS 201, TAS 202, TAS 203.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed Engineer or registered Architect.
6. This product meets water infiltration requirements for "HVHZ". (Tested per ASTM E331 @ 20.0 PSF positive pressure), and tested Per AMA 501.1 @ 20.0 PSF positive pressure.
7. All steel in contact with aluminum to be painted or plated.
8. Product has passed AAMA 501.7 and AAMA 501.4., testing.
9. This system has been (Full Scale Arena) blast tested in compliance with: ASTM F-1642-04, GSA-TSO1-2003 and UFC 04-0101-01. (As limited by test reports)
10. This system has passed testing, per ICC - 500, and FEMA 361 with glass and SGP interlayer. (As limited by test reports)

WTG 700 SERIES

STATE OF FLORIDA PROFESSIONAL ENGINEER
ENGINEER: SCOTT WOLTERS
FL PE # 62354
Wolters Engineering, Inc
(COA #27198)
15211 97th Road N,
West Palm Beach,
S.T.F.L. 33412
JULY 03 2024

REVISION	DATE	REV. #
DESCRIPTION	05/31/24	00
FOR APPROVAL	-	-
	-	-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 00 | 0

LAST SAVE: 2024-7-2 KKHAYKHAM

PLOT DATE: 2024-7-3

TABLE OF CONTENTS

SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
00	General Notes	12A	SSG & Captured - Twin span details
00A	Table of Contents	13	Mid-Span Anchors
01	Typical elevation	14	Vertical Anchors
01A	Typical elevation	14A	Vertical Anchors
02	Glazing details	14B	Corner Anchors
03	Glazing details	15	Horizontal Head/Sill Anchors
04	Glazing details	16	Crippled Connection
04A	Glazing details	16A	Vertical Door Connection
05	Glazing details	17	Vertical Head/Sill Anchors
5A	Glazing details	17A	Vertical Head/Sill Anchors
5B	Glazing details	18	Steel Re-inforcement Chart
5C	MCM stiffeners	18A	Steel Re-inforcement
06	Jamb - Vertical cross sections	18B	Steel Re-inforcement
07	SSG & Captured - Vertical sections	18C	Steel Re-inforcement
07A	SSG & Captured - Vertical sections	18D	Steel Re-inforcement
07B	SSG - Vertical sections	19	Parts Label
08	External Corner - Vertical sections	20	Parts Label
09	Internal Corner - Vertical sections	21	Parts Label
10	SSG - Horizontal cross sections	21	Parts Label
10A	SSG - Horizontal cross sections	22	Parts Label
10B	Horizontal cross sections	23	Parts Label
11	Captured - Horizontal cross sections	24	Parts Label
11A	Captured - Horizontal cross sections	25	Bill Of Materials
12	SSG & Captured - Twin span details	26	Bill Of Materials

LAST SAVE: 2024-7-2 KKHAYKHAM

WTG 700 SERIES

SCOTT WOLFERS
PROFESSIONAL ENGINEER
SCOTT WOLFERS
FL PE #62354
Wolfers Engineering, Inc.
(COA # 27198)
15211 27th Road N.
West Palm Beach,
FL 33412

JUL 03 2024

REVISION		
DESCRIPTION	REV. #	DATE
FOR APPROVAL	00	05/31/24
	-	-
	-	-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 00A

0

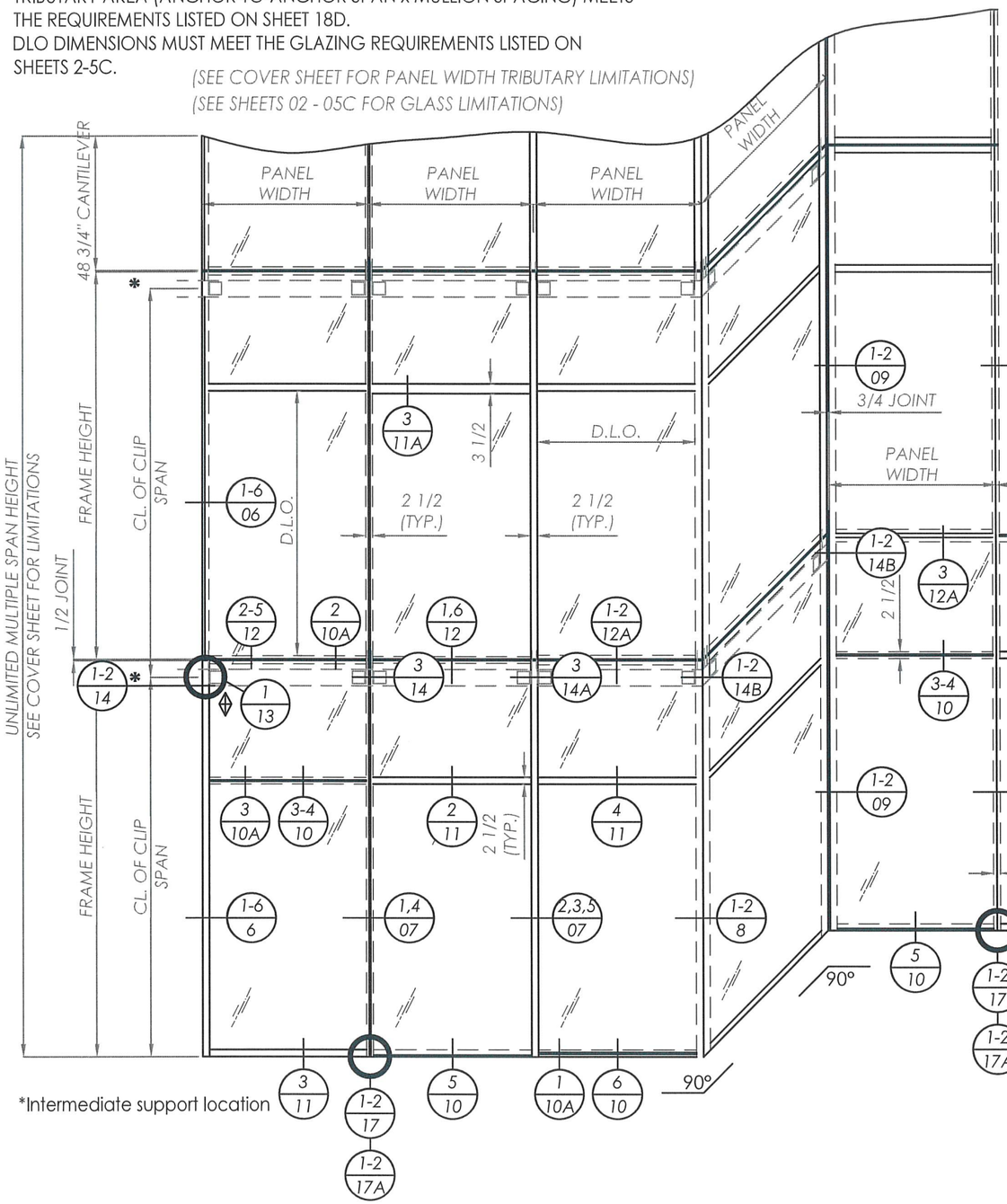
PLOT DATE: 2024-7-3

TWIN SPAN NOTES:

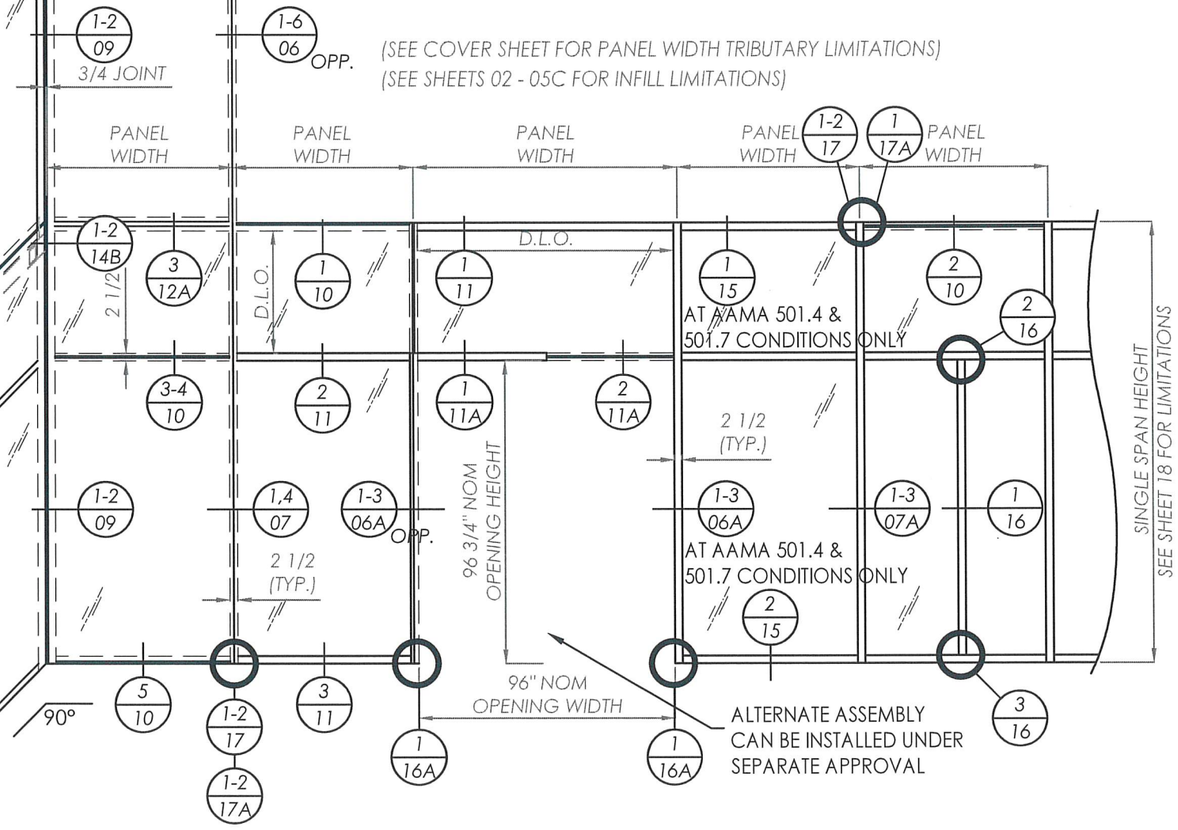
1. OVERALL FRAME HEIGHT IS UNLIMITED, PROVIDED ANCHOR-TO-ANCHOR SPAN HEIGHTS MEET THE REQUIREMENTS LISTED ON SHEET 18D.
2. OVERALL FRAME WIDTH IS ALSO UNLIMITED, PROVIDED THE MULLION TRIBUTARY AREA (ANCHOR-TO-ANCHOR SPAN x MULLION SPACING) MEETS THE REQUIREMENTS LISTED ON SHEET 18D.
3. DLO DIMENSIONS MUST MEET THE GLAZING REQUIREMENTS LISTED ON SHEETS 2-5C.

SYSTEM DESIGN PRESSURE

- GLASS & MCM INFILL - SEE CHARTS ON SHEETS 2-5C FOR ALLOWABLE GLASS & MCM INFILL TYPES, SIZES, AND DESIGN PRESSURE.
- MULLIONS - SEE CHARTS ON SHEETS 18-18D FOR MULLION TYPES, SIZES, REINFORCING, AND DESIGN PRESSURE.
- ANCHORS - SEE CHART ON COVER SHEET AND DETAILS ON SHEETS 17 & 17A (HEAD/SILL) AND SHEETS 13-14B (MID-SPAN ANCHORS) FOR ALLOWABLE ANCHOR LOADS.
- SYSTEM - THE DESIGN PRESSURE OF THE ENTIRE SYSTEM IS THE LOWEST DESIGN PRESSURE OF ALL COMPONENTS.



MULTI-SPAN ELEVATION - EXTERIOR VIEW



SINGLE SPAN ELEVATION - EXTERIOR VIEW

NOTE
Elevation shown is for illustration only. Window wall may be constructed with an unlimited width and in any combination of units/glazing shown provided the limits for max. panel height, width and D.L.O. are maintained.

WTG 700 SERIES

ENGINEER
SCOTT WOLTERS
FL PE # 62354
Wolters Engineering, Inc
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412

JUL 03 2024

REVISION	DESCRIPTION	DATE	REV. #
	FOR APPROVAL	05/31/24	00
			-
			-

2705 N. 35TH STREET
TAMPA. FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 01 | 0

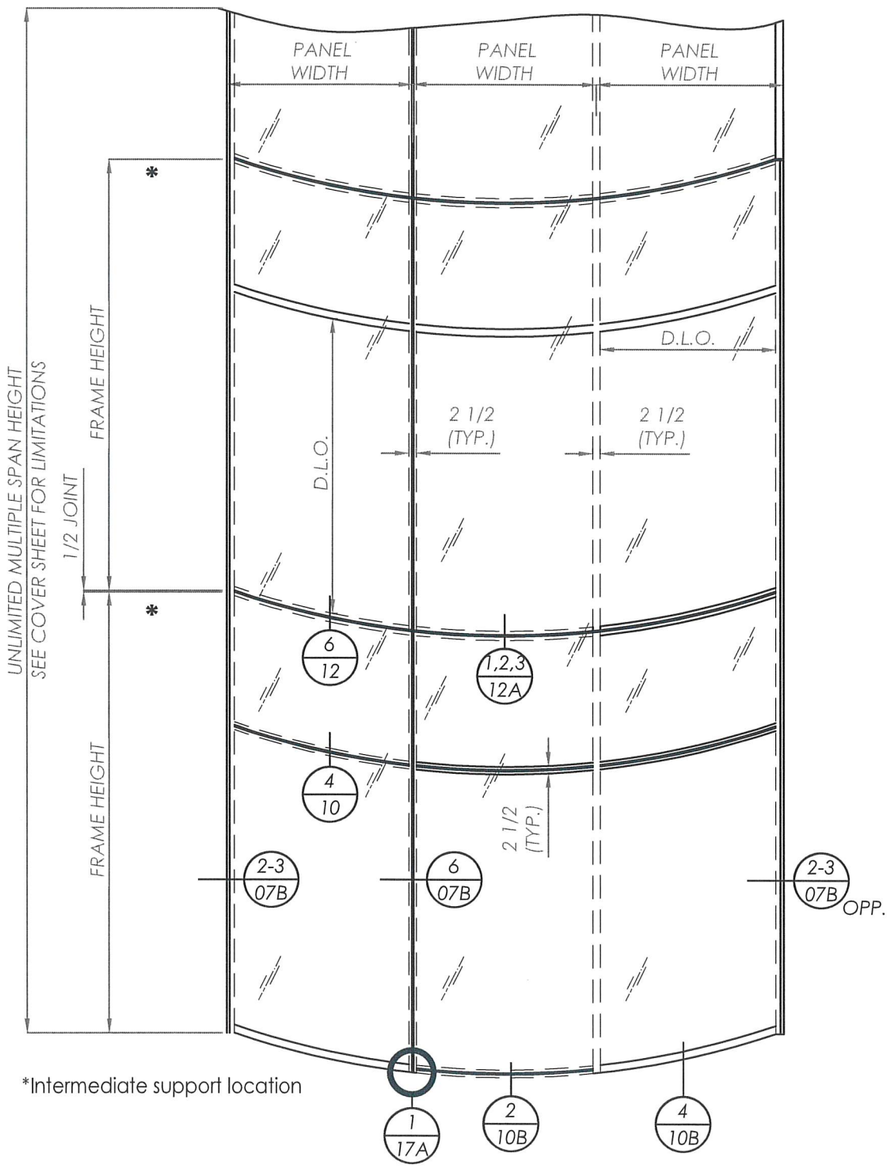
LAST SAVE: 2024-7-2 KKHAYKHAM

PLOT DATE: 2024-7-3

TWIN SPAN NOTES:

1. OVERALL FRAME HEIGHT IS UNLIMITED, PROVIDED ANCHOR-TO-ANCHOR SPAN HEIGHTS MEET THE REQUIREMENTS LISTED ON SHEET 18D.
2. OVERALL FRAME WIDTH IS ALSO UNLIMITED, PROVIDED THE MULLION TRIBUTARY AREA (ANCHOR-TO-ANCHOR SPAN x MULLION SPACING) MEETS THE REQUIREMENTS LISTED ON SHEET 18D.
3. DLO DIMENSIONS MUST MEET THE GLAZING REQUIREMENTS LISTED ON SHEETS 5A-5B.

(SEE COVER SHEET FOR PANEL WIDTH TRIBUTARY LIMITATIONS)
(SEE SHEETS 5A - 5B FOR GLASS LIMITATIONS)

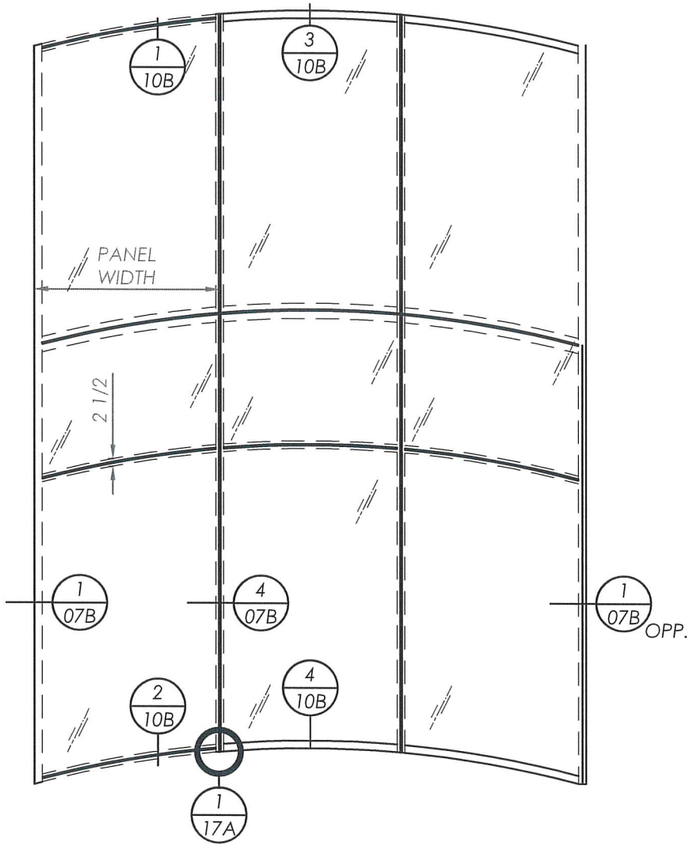


*Intermediate support location

MULTI-SPAN RADIUS ELEVATION - EXTERIOR VIEW

SYSTEM DESIGN PRESSURE

- GLASS & MCM INFILL - SEE CHARTS ON SHEETS 5A-5B FOR ALLOWABLE GLASS & MCM INFILL TYPES, SIZES, AND DESIGN PRESSURE.
- MULLIONS - SEE CHARTS ON SHEETS 18-18D FOR MULLION TYPES, SIZES, REINFORCING, AND DESIGN PRESSURE.
- ANCHORS - SEE CHART ON COVER SHEET AND DETAILS ON SHEETS 17 & 17A (HEAD/SILL) AND SHEETS 13-14B (MID-SPAN ANCHORS) FOR ALLOWABLE ANCHOR LOADS.
- SYSTEM - THE DESIGN PRESSURE OF THE ENTIRE SYSTEM IS THE LOWEST DESIGN PRESSURE OF ALL COMPONENTS.



MULTI-SPAN RADIUS ELEVATION - EXTERIOR VIEW

NOTE
Elevation shown is for illustration only. Window wall may be constructed with an unlimited width and in any combination of units/glazing shown provided the limits for max. panel height, width and D.L.O. are maintained. Horizontal details from previous sheet 01 are applicable. See standard elevation for anchor details.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach, FL 33412

JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

WEST TAMPA GLASS CO.
2705 N. 35TH STREET
TAMPA. FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

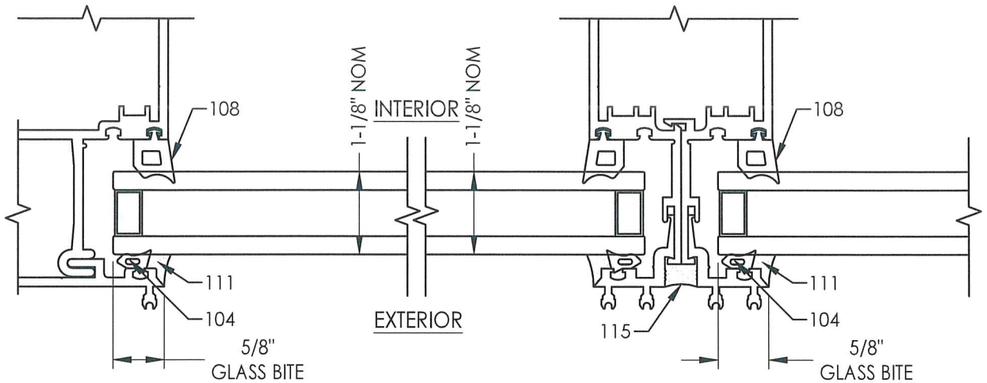
DRAWN BY: KK

SHT: 01A

0

PLOT DATE: 2024-7-3

NON-IMPACT DETAILS

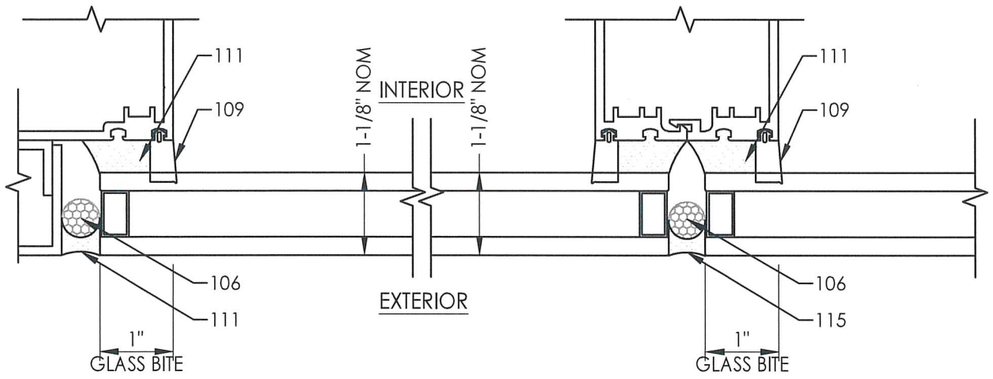


A *PERIMETER GLAZING DETAIL - NON-IMPACT*
CAPTURED GLAZING

A *INTERMEDIATE GLAZING DETAIL - NON-IMPACT*
CAPTURED GLAZING

GLASS TYPE G1
1/4" HS
5/8" AIR SPACE
1/4" HS

GLASS TYPE G1T
1/4" T
5/8" AIR SPACE
1/4" T



B *PERIMETER GLAZING DETAIL - NON-IMPACT*
STRUCTURALLY SEALED GLAZING

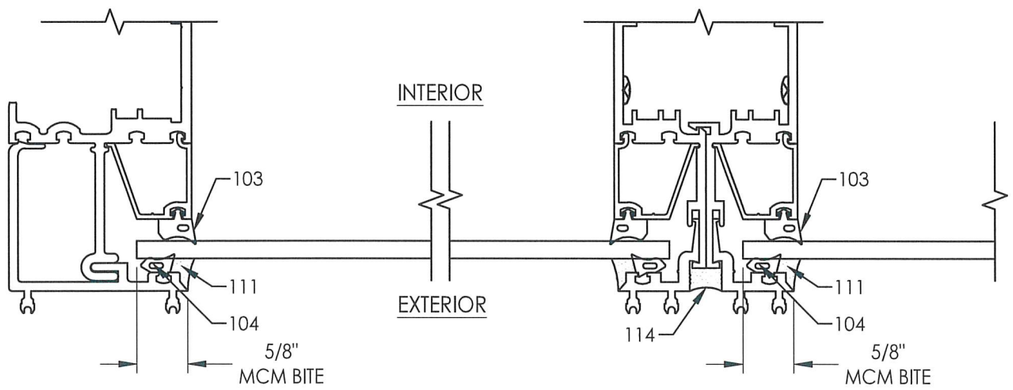
B *INTERMEDIATE GLAZING DETAIL - NON-IMPACT*
STRUCTURALLY SEALED GLAZING

GLASS TYPE G2
1/4" HS
5/8" AIR SPACE
1/4" HS

GLASS TYPE G2T
1/4" T
5/8" AIR SPACE
1/4" T

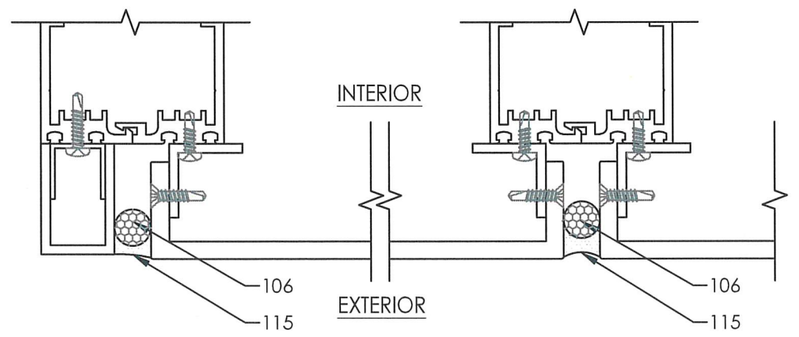
TYPE	MAX SQFT	MAX PSF	INTERLAYER
G1/G1T	NOTE 1	100	N/A
G2/G2T	NOTE 1	90	N/A
P1	12.77 SF	±125	N/A
P2	12.77 SF	±125	N/A

NOTE :
1. FULL COMPARATIVE ANALYSIS ALLOWED FOR NI PRODUCTS. LIMITED BY ASTM E-1300.
2. ALUMINUM, STAINLESS STEEL OR THERMOPLASTIC SPACERS IN INSULATED UNITS, SILICONE TO BE PER GLASS MFG.



C *PERIMETER GLAZING DETAIL - P1*
CAPTURED GLAZING

C *INTERMEDIATE GLAZING DETAIL - P1*
CAPTURED GLAZING



D *PERIMETER GLAZING DETAIL - P2*
STRUCTURALLY SEALED GLAZING

D *INTERMEDIATE GLAZING DETAIL - P2*
STRUCTURALLY SEALED GLAZING

4mm PANEL:
- 0.5mm ALUMINUM
- 3mm PE OR FR CORE
- 0.5mm ALUMINUM

WTG 700 SERIES

LAST SAVE: 2024-7-3 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DESCRIPTION	REV. #	DATE
	FOR APPROVAL	00	05/31/24
		-	-
		-	-

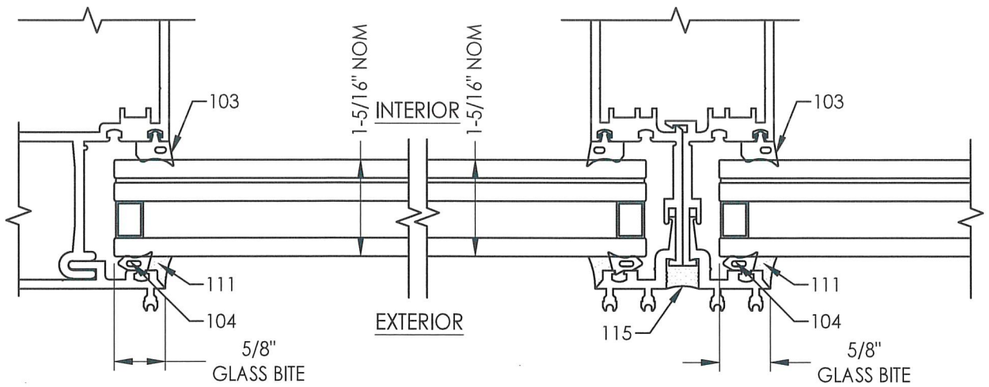
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK
SHT: 02
0

PLOT DATE: 2024-7-3

SMALL MISSILE A DETAILS



E *PERIMETER GLAZING DETAIL - SMALL MISSILE-A*
CAPTURED GLAZING

E *INTERMEDIATE GLAZING DETAIL - SMALL MISSILE-A*
CAPTURED GLAZING

GLASS TYPE G3
1/4" HS
1/2" AIR SPACE
1/4" HS
0.060" PVB
1/4" HS

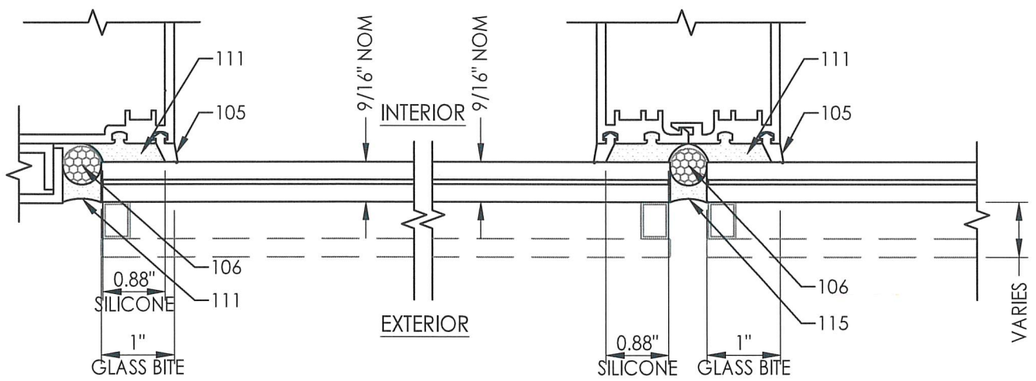
GLASS TYPE G3A
1/4" HS
1/2" AIR SPACE
1/4" HS
0.035" SGP
1/4" HS

GLASS TYPE G3T
1/4" T
1/2" AIR SPACE
1/4" HS
0.060" PVB
1/4" HS

GLASS TYPE G3A-T
1/4" T
1/2" AIR SPACE
1/4" HS
0.035" SGP
1/4" HS

TYPE	MAX SQ FT	MAX PSF	INTERLAYER
G3A/G3A-T	54.69 SF	±90	0.035" SGP
G3/G3T	54.69 SF	±90	0.060" PVB
G3/G3T	39.95 SF	±110	0.060" PVB
G4	39.95 SF	±90	0.060" PVB
G4AG4A-T	50.9 SF	±90	0.060" PVB
G5	39.95 SF	±70	0.060" UVEKOL
P3S	12.77 SF	±125	NA

NOTE :
1. ALUMINUM , STAINLESS STEEL OR THERMOPLASTIC SPACERS IN INSULATED UNITS, SILICONE TO BE PER GLASS MFG.
2. SHUTTERS ARE REQUIRED FOR USE BELOW 30' IN HVHZ ZONE
3. STRESS ON THE SSG SILICONE MAY NOT EXCEED 20 PSI.

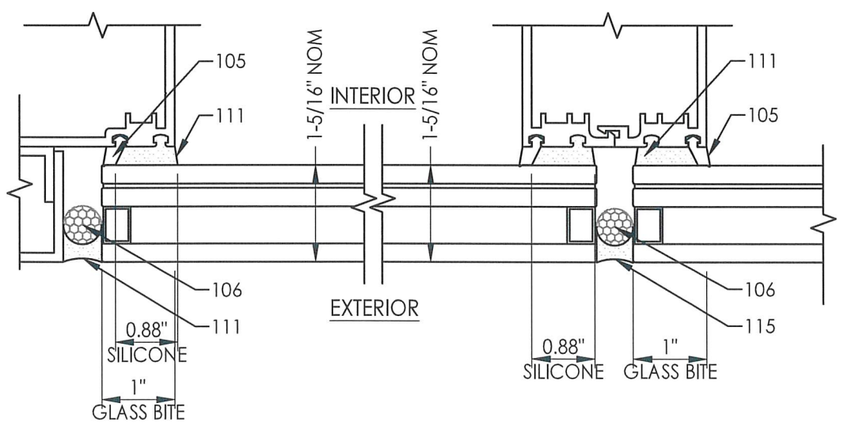


F *PERIMETER GLAZING DETAIL - SMALL MISSILE-A*
STRUCTURALLY SEALED GLAZING

F *INTERMEDIATE GLAZING DETAIL - SMALL MISSILE-A*
STRUCTURALLY SEALED GLAZING

GLASS TYPE G4
1/4" HS
0.060" PVB
1/4" HS

GLASS TYPE G5
1/4" HS
0.060" UVEKOL
1/4" HS

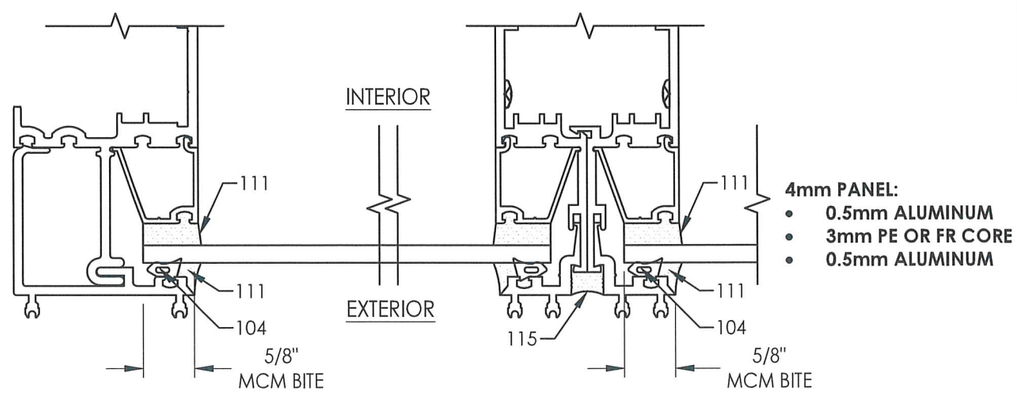


G *PERIMETER GLAZING DETAIL - SMALL MISSILE-A*
STRUCTURALLY SEALED GLAZING

G *INTERMEDIATE GLAZING DETAIL - SMALL MISSILE-A*
STRUCTURALLY SEALED GLAZING

GLASS TYPE G4A
1/4" HS
1/2" AIR SPACE
1/4" HS
0.060" PVB
1/4" HS

GLASS TYPE G4A-T
1/4" T
1/2" AIR SPACE
1/4" HS
0.060" PVB
1/4" HS



H *PERIMETER GLAZING DETAIL - P3S*
CAPTURED GLAZING

H *INTERMEDIATE GLAZING DETAIL - P3S*
CAPTURED GLAZING

4mm PANEL:
- 0.5mm ALUMINUM
- 3mm PE OR FR CORE
- 0.5mm ALUMINUM

WTG 700 SERIES

LAST SAVE: 2024-7-3 KKHAYKHAM

REVISION

DESCRIPTION	REV. #	DATE
FOR APPROVAL	00	05/31/24
	-	-
	-	-

SCOTT WOLTERS
ENGINEER
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024
STATE OF FLORIDA
PROFESSIONAL ENGINEER

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

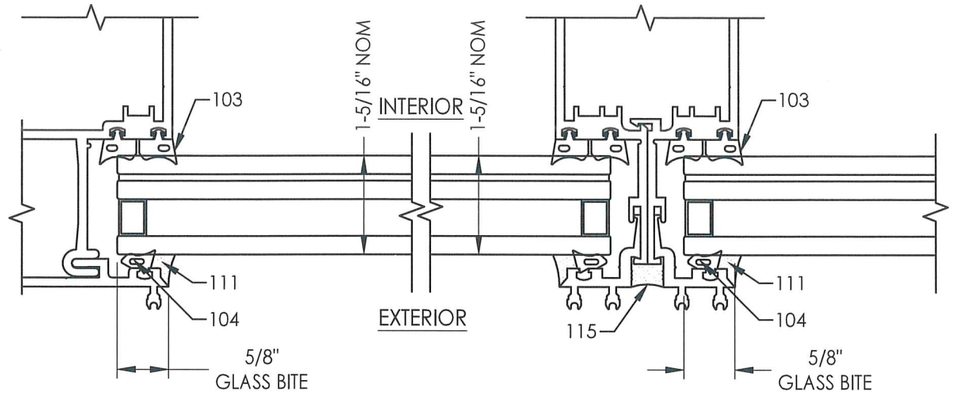
DRAWN BY: KK

SHT: 03

0

PLOT DATE: 2024-7-3

LARGE MISSILE D DETAILS



1 *PERIMETER GLAZING DETAIL - LARGE MISSILE-D*
CAPTURED GLAZING

1 *INTERMEDIATE GLAZING DETAIL - LARGE MISSILE-D*
CAPTURED GLAZING

GLASS TYPE G6
1/4" HS
1/2" AIR SPACE
1/4" HS
0.075" VANCEVA
1/4" HS

GLASS TYPE G6T
1/4" T
1/2" AIR SPACE
1/4" HS
0.075" VANCEVA
1/4" HS

GLASS TYPE G7
1/4" HS
1/2" AIR SPACE
1/4" HS
0.075" VANCEVA
1/4" HS

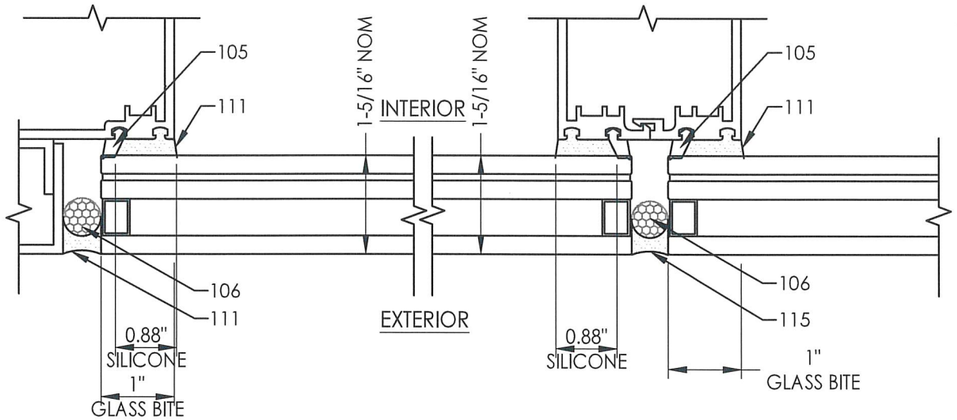
GLASS TYPE G7T
1/4" T
1/2" AIR SPACE
1/4" HS
0.075" VANCEVA
1/4" HS

GLASS TYPE G8
1/4" HS
1/2" AIR SPACE
1/4" HS
0.090" SGP
1/4" HS

GLASS TYPE G8T
1/4" T
1/2" AIR SPACE
1/4" HS
0.090" SGP
1/4" HS

TYPE	MAX SQ FT	MAX PSF	INTERLAYER
G6/G6T	40.12 SF	±90	0.075" SAFLEX STORM
G7/G7T	39.95 SF	±90	0.075" SAFLEX STORM
G8/G8T	54.69 SF	±90	0.090" SGP
G8A/G8A-T	65 SF	±60	0.090" SGP
P3L	12.77 SF	±125	NA

NOTE :
1. ALUMINUM, STAINLESS STEEL OR THERMOPLASTIC SPACERS IN INSULATED UNITS, SILICONE TO BE PER GLASS MFG.
2. INSULATED GLASS WITH HEAT STRENGTHENED OUTER LITES IS LIMITED TO 30' IN THE HVHZ.
3. 0.075" VANCEVA IS EQUAL TO 0.075" SAFLEX STORM. ALL GLASS MAKE-UPS WITH VANCEVA CAN SUBSTITUTE WITH SAFLEX.
4. STRESS ON THE SSG SILICONE MAY NOT EXCEED 20 PSI.



J *PERIMETER GLAZING DETAIL - LARGE MISSILE-D*
STRUCTURALLY SEALED GLAZING

J *INTERMEDIATE GLAZING DETAIL - LARGE MISSILE-D*
STRUCTURALLY SEALED GLAZING

GLASS TYPE G6
1/4" HS
1/2" AIR SPACE
1/4" HS
0.090" SGP
1/4" HS

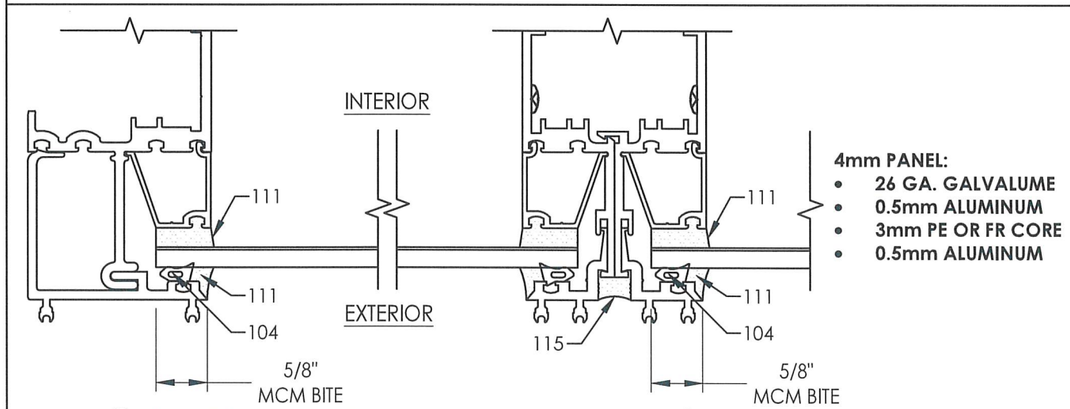
GLASS TYPE G6T
1/4" T
1/2" AIR SPACE
1/4" HS
0.090" SGP
1/4" HS

GLASS TYPE G7
1/4" HS
1/2" AIR SPACE
1/4" HS
0.075" VANCEVA
1/4" HS

GLASS TYPE G7T
1/4" T
1/2" AIR SPACE
1/4" HS
0.075" VANCEVA
1/4" HS

GLASS TYPE G8
1/4" HS
1/2" AIR SPACE
1/4" HS
0.090" SGP
1/4" HS

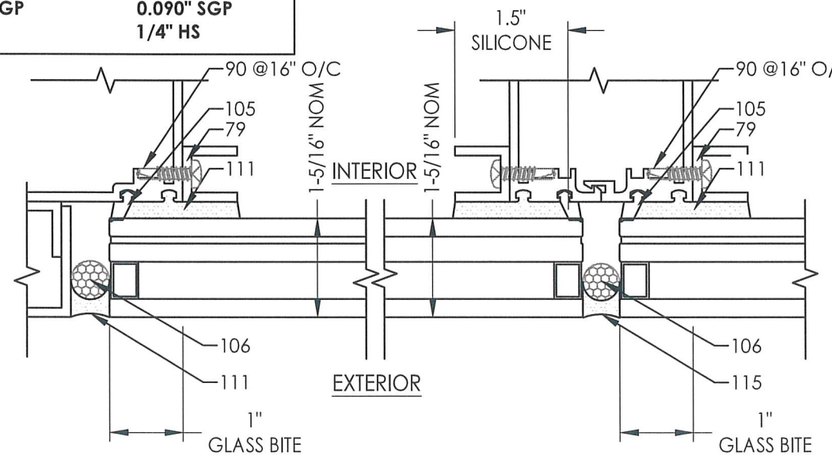
GLASS TYPE G8T
1/4" T
1/2" AIR SPACE
1/4" HS
0.090" SGP
1/4" HS



4mm PANEL:
- 26 GA. GALVALUME
- 0.5mm ALUMINUM
- 3mm PE OR FR CORE
- 0.5mm ALUMINUM

K *PERIMETER GLAZING DETAIL - P3L*
CAPTURED GLAZING

K *INTERMEDIATE GLAZING DETAIL - P3L*
CAPTURED GLAZING



GLASS TYPE G8A
1/4" HS
1/2" AIR SPACE
1/4" HS
0.090" SGP
1/4" HS

GLASS TYPE G8A-T
1/4" HS
1/2" AIR SPACE
1/4" HS
0.090" SGP
1/4" HS

L *PERIMETER GLAZING DETAIL - LARGE MISSILE-D*
STRUCTURALLY SEALED GLAZING

L *INTERMEDIATE GLAZING DETAIL - LARGE MISSILE-D*
STRUCTURALLY SEALED GLAZING

WTG 700 SERIES

SCOTT WOLTERS
ENGINEER
FL. PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412

REVISION	DESCRIPTION	REV. #	DATE
	FOR APPROVAL	00	05/31/24
		-	-
		-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

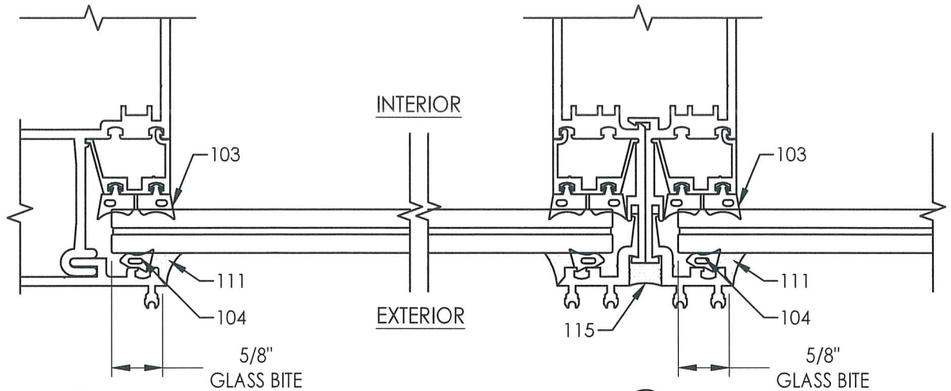
DRAWN BY: KK

SHT: 04 | 0

LAST SAVE: 2024-7-3 KKHAYKHAM

PLOT DATE: 2024-7-3

LARGE MISSILE D DETAILS

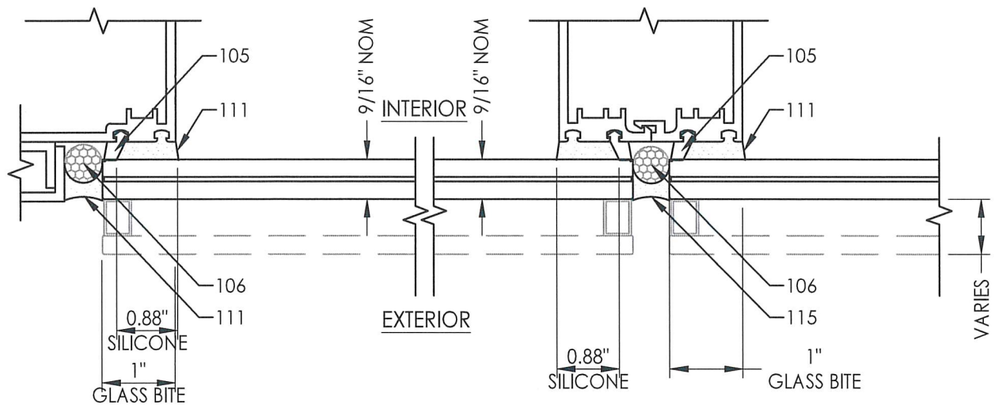


M *PERIMETER GLAZING DETAIL - LARGE MISSILE-D*
CAPTURED GLAZING

M *INTERMEDIATE GLAZING DETAIL - LARGE MISSILE-D*
CAPTURED GLAZING

GLASS TYPE G9
1/4" HS
0.090" SGP
1/4" HS

GLASS TYPE G10
1/4" HS
0.100" UVEKOL
1/4" HS



N *PERIMETER GLAZING DETAIL - LARGE MISSILE-D*
STRUCTURALLY SEALED GLAZING

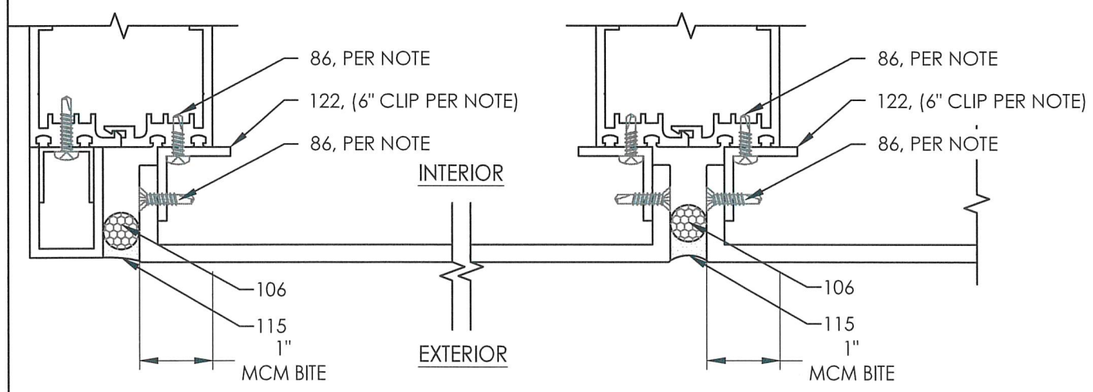
N *INTERMEDIATE GLAZING DETAIL - LARGE MISSILE-D*
STRUCTURALLY SEALED GLAZING

GLASS TYPE G9
1/4" HS
0.090" SGP
1/4" HS

GLASS TYPE G10
1/4" HS
0.100" UVEKOL
1/4" HS

TYPE	MAX SQ FT	MAX PSF	INTERLAYER
G9	40.12 SF	±90	0.090" SGP
G10	39.95 SF	±90	0.100" UVEKOL
P4	53.93 SF MAX WIDTH 60"	+50/-60	NA

NOTE :
1. STRESS ON THE SSG SILICONE MAY NOT EXCEED 20 PSI.



O *PERIMETER GLAZING DETAIL - P4*
STRUCTURALLY SEALED GLAZING

O *INTERMEDIATE GLAZING DETAIL - P4*
STRUCTURALLY SEALED GLAZING

4mm PANEL:
- **26 GA. GALVALUME**
- **0.5mm ALUMINUM**
- **3mm PE OR FR CORE**
- **0.5mm ALUMINUM**

PANEL ATTACHMENT: 6" CLIP OF 1" X 1" X 1/8" ALUMINUM ANGLE AT 30" O/C OR LESS. START 6" FROM CORNER OF PANEL. EACH CLIP ATTACHED WITH #12 PH TEK SCREW - (2) AT PANEL AND (2) AT MULLION.

WTG 700 SERIES

LAST SAVE: 2024-7-3 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE#62354
Wolters Engineering, Inc.
(COA-#27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #
DESCRIPTION	05/31/24	00
FOR APPROVAL	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 04A

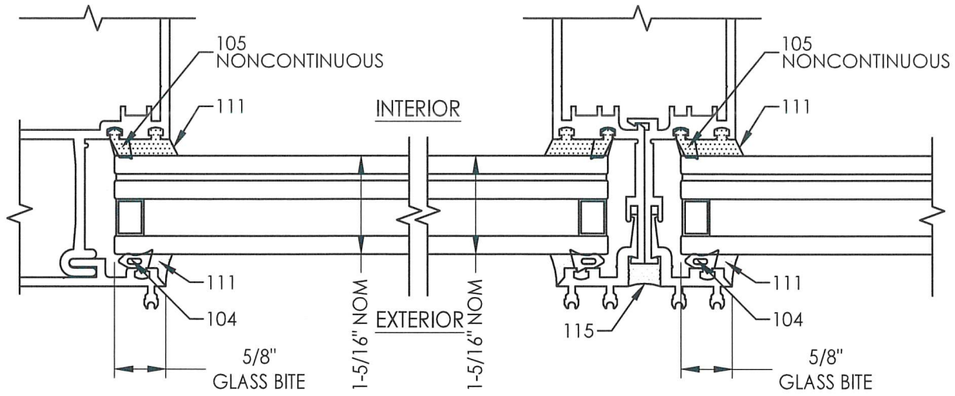
0

PLOT DATE: 2024-7-3

MISSILE E DETAILS

TYPE	MAX SQ FT	MAX PSF	INTERLAYER
G11/G11T	55.62 SF	±90	0.18" SGP
G12	39.95 SF	±90	0.18" SGP
G13/G13T	40.00 SF	±90	0.15" VSO2

NOTE :
1. ALUMINUM, STAINLESS STEEL OR THERMOPLASTIC SPACERS IN INSULATED UNITS, SILICONE TO BE PER GLASS MFG.
2. STRESS ON THE SSG SILICONE MAY NOT EXCEED 20 PSI.



P *PERIMETER GLAZING DETAIL - LARGE MISSILE-E*
CAPTURED GLAZING

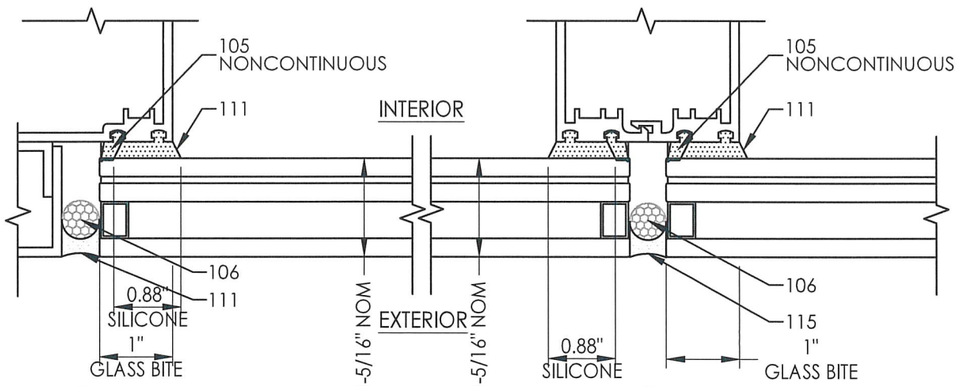
P *INTERMEDIATE GLAZING DETAIL - LARGE MISSILE-E*
CAPTURED GLAZING

GLASS TYPE G11
1/4" HS
1/2" AIR SPACE
1/4" HS
0.18" SGP
1/4" HS

GLASS TYPE G11T
1/4" T
1/2" AIR SPACE
1/4" HS
0.18" SGP
1/4" HS

GLASS TYPE G13
1/4" HS
1/2" AIR SPACE
1/4" HS
0.15" VSO2
1/4" HS

GLASS TYPE G13T
1/4" T
1/2" AIR SPACE
1/4" HS
0.15" VSO2
1/4" HS



Q *PERIMETER GLAZING DETAIL - LARGE MISSILE-E*
STRUCTURALLY SEALED GLAZING

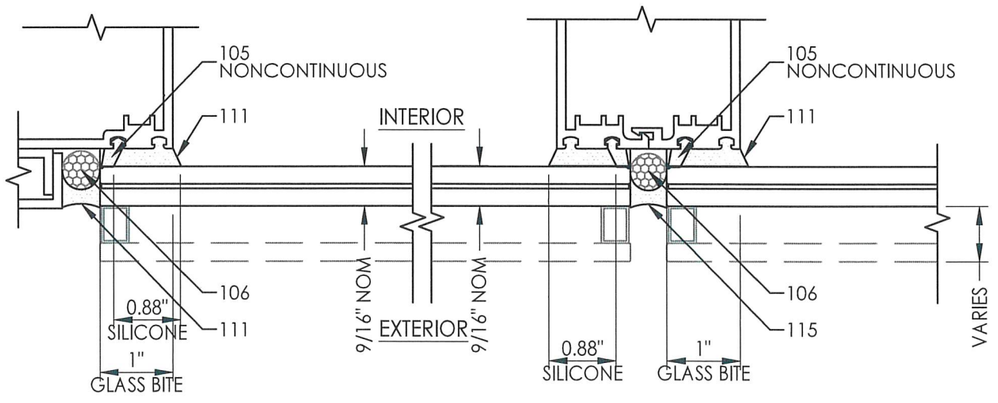
Q *INTERMEDIATE GLAZING DETAIL - LARGE MISSILE-E*
STRUCTURALLY SEALED GLAZING

GLASS TYPE G11
1/4" HS
1/2" AIR SPACE
1/4" HS
0.18" SGP
1/4" HS

GLASS TYPE G11T
1/4" T
1/2" AIR SPACE
1/4" HS
0.18" SGP
1/4" HS

GLASS TYPE G13
1/4" HS
1/2" AIR SPACE
1/4" HS
0.15" VSO2
1/4" HS

GLASS TYPE G13T
1/4" T
1/2" AIR SPACE
1/4" HS
0.15" VSO2
1/4" HS



R *PERIMETER GLAZING DETAIL - LARGE MISSILE-E*
STRUCTURALLY SEALED GLAZING

R *PERIMETER GLAZING DETAIL - LARGE MISSILE-E*
STRUCTURALLY SEALED GLAZING

GLASS TYPE G12
1/4" HS
0.18" SGP
1/4" HS

WTG 700 SERIES

LAST SAVE: 2024-7-3 KKHAYKHAM

PROFESSIONAL ENGINEER
SCOTT WOLTERS
ENGINEER
FL PE # 62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DESCRIPTION	REV. #	DATE
	FOR APPROVAL	00	05/31/24
		-	-
		-	-

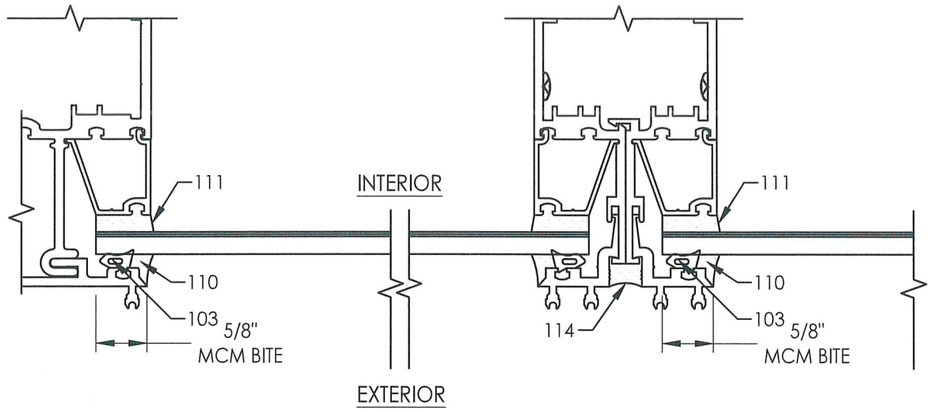
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 05 0

PLOT DATE: 2024-7-3



S **PERIMETER GLAZING DETAIL - P5**
CAPTURED GLAZING

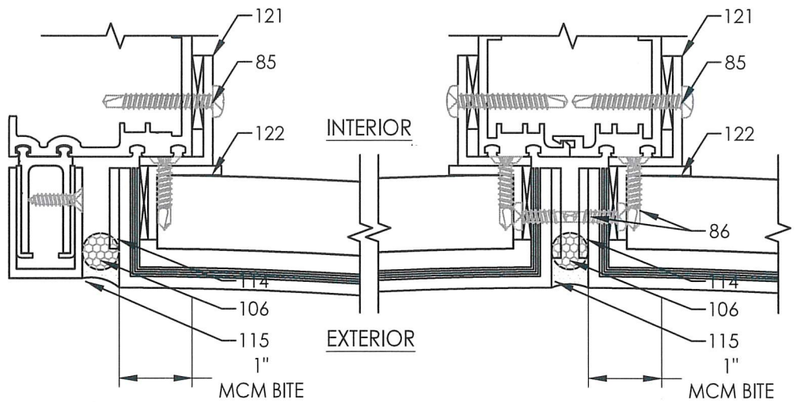
S **INTERMEDIATE GLAZING DETAIL - P5**
CAPTURED GLAZING

4mm PANEL:
- **(2) 26 GA. GALVALUME**
- **0.5mm ALUMINUM**
- **3mm PE OR FR CORE**
- **0.5mm ALUMINUM**

MISSILE E DETAILS

TYPE	MAX SQ FT	MAX PSF	INTERLAYER
G11/G11T	55.62 SF	±90	0.18" SGP
G12	39.95 SF	±90	0.18" SGP
P5	14.28 SF	±65	NA
P6	79.86 SF MAX WIDTH 60"	±100	NA
P7	95.04 SF MAX WIDTH 60"	±100	NA

NOTE :
1. **ALUMINUM, STAINLESS STEEL OR THERMOPLASTIC SPACERS IN INSULATED UNITS, SILICONE TO BE PER GLASS MFG.**

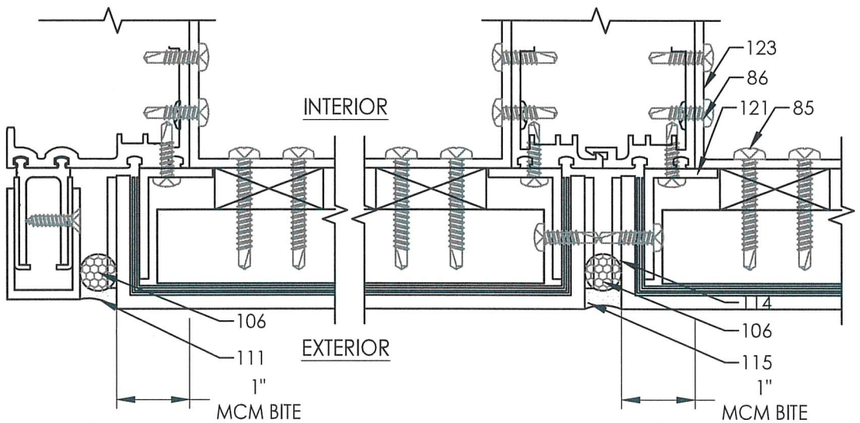


T **PERIMETER INFILL DETAIL - P6**
MCM INFILL GLAZING

T **INTERMEDIATE INFILL DETAIL - P6**
MCM INFILL GLAZING

4mm PANEL:
- **(2) 26 GA. GALVALUME**
- **0.5mm ALUMINUM**
- **3mm PE OR FR CORE**
- **0.5mm ALUMINUM**
- **P6 = RADIUS MCM**
  CONVEX RADIUS RANGE = 30" - 132"
  CONCAVE RADIUS RANGE = 60"
- **REINFORCEMENT, FASTENING & CONFIGURATION PER SHEET 05C**

PANEL ATTACHMENT: ITEM 121 IS 4" CLIP OF 1" X 1 1/2" X 1/8" ALUMINUM ANGLE AT 16" O/C OR LESS. START 4" FROM CORNER OF PANEL. EACH CLIP ATTACHED WITH (2) # 12 FH TEK SCREWS INTO ITEM 122 AND (1) 1/4" X 20 DEWALT DRIL-FLEX INTO MULLION. ITEM 122 AND ITEM 114 ARE FULL LENGTH OF PANEL, ATTACHED WITH #12 TEK SCREWS AT 16" O/C OR LESS.



U **PERIMETER INFILL DETAIL - P7**
MCM INFILL GLAZING

U **INTERMEDIATE INFILL DETAIL - P7**
MCM GLAZING

4mm PANEL:
- **(2) 26 GA. GALVALUME**
- **0.5mm ALUMINUM**
- **3mm PE OR FR CORE**
- **0.5mm ALUMINUM**
- **REINFORCEMENT, FASTENING & CONFIGURATION PER SHEET 05C**

PANEL ATTACHMENT: ITEM 121 AND ITEM 114 ARE FULL LENGTH OF PANEL, ATTACHED WITH #12 PH TEK SCREWS AT 16" O/C OR LESS. ITEM 123 IS 2" CLIP OF 2" X 2" X 1/8" ALUMINUM ANGLE AT EACH WTG-217 STIFFENER. EACH CLIP ATTACHED WITH (2) # 12 PH TEK SCREWS INTO WTG-217 AND (2) #12 TEK SCREWS INTO MULLION.

WTG 700 SERIES

LAST SAVE: 2024-7-3 KKHAYKHAM

Wolters Engineering, Inc.
(COA#27198)
15211 97th Road N.
West Palm Beach,
FL 33412
ENGINEER
SCOTT WOLTERS
#FLPE#62354

JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

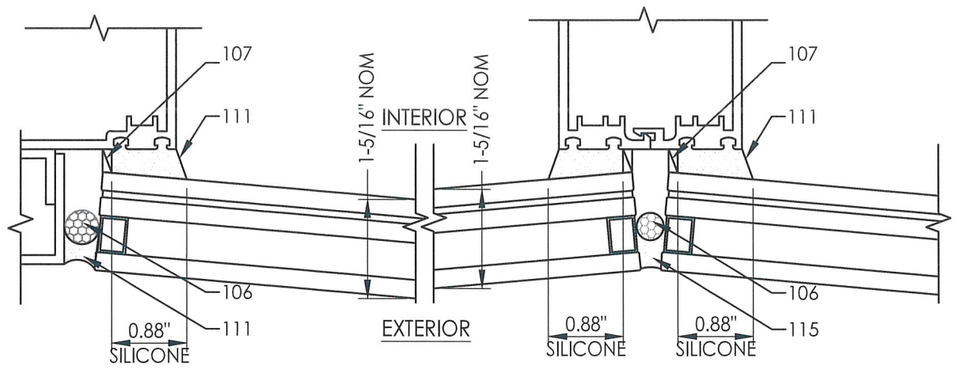
DRAWN BY: KK

SHT: 05A

0

PLOT DATE: 2024-7-3

MISSILE E DETAILS



V **PERIMETER GLAZING DETAIL - LARGE MISSILE-E**
STRUCTURALLY SEALED GLAZING

V **PERIMETER GLAZING DETAIL - LARGE MISSILE-E**
STRUCTURALLY SEALED GLAZING

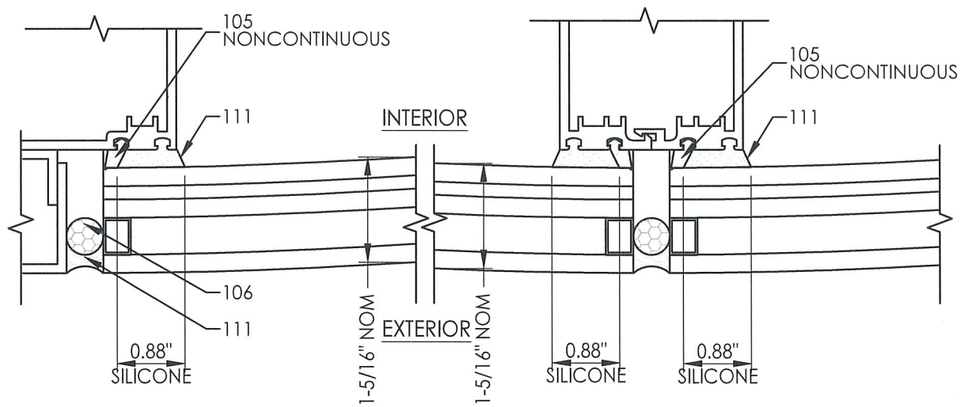
GLASS TYPE G14
1/4" T
1/2" AIR SPACE
1/4" HS
0.18" SGP
1/4" HS

GLASS TYPE G14A
1/4" T
1/2" AIR SPACE
1/4" HS
0.15" VSO2
1/4" HS

G14 & G14A = SEGMENTED GLAZING RANGE 85° - 95°

TYPE	MAX SQ FT	MAX PSF	INTERLAYER
G14	55.9 SF	±75	0.18" SGP
G14A	55.9 SF	±75	0.15" VSO2
G15	58.05 SF	±90	0.18" SGP
G15A	58.05 SF	±90	0.15" VSO2
G16	41.67 SF	±60	0.18" SGP
G16A	41.67 SF	±60	0.15" VSO2

NOTE :
1. ALUMINUM, STAINLESS STEEL OR THERMOPLASTIC SPACERS IN INSULATED UNITS, SILICONE TO BE PER GLASS MFG.
2. STRESS ON SSG SILICONE NOT TO EXCEED 20 PSI.



W **PERIMETER GLAZING DETAIL - P5**
CAPTURED GLAZING

W **INTERMEDIATE GLAZING DETAIL - P5**
CAPTURED GLAZING

GLASS TYPE G15
1/4" T
1/2" AIR SPACE
1/4" HS
0.18" SGP
1/4" HS

GLASS TYPE G15A
1/4" T
1/2" AIR SPACE
1/4" HS
0.15" VSO2
1/4" HS

G15 & G15A = RADIUS GLAZING CONVEX RADIUS 60"

GLASS TYPE G16
1/4" T
1/2" AIR SPACE
1/4" HS
0.18" SGP
1/4" HS

GLASS TYPE G16A
1/4" T
1/2" AIR SPACE
1/4" HS
0.15" VSO2
1/4" HS

G16 & G16A = RADIUS GLAZING CONVEX RADIUS RANGE - 60" - 140"

WTG 700 SERIES

LAST SAVE: 2024-7-3 KKHAYKHAM

SCOTT WILLIAM WOLTERS ENGINEER SCOTT WOLTERS PE PE#62364 Wolters Engineering, Inc. (COA#27198) 15211 97th Road N. West Palm Beach, Fl. 33412 JUL 03 2024 PROFESSIONAL ENGINEER

REVISION	DESCRIPTION	DATE
REV. #		
00	FOR APPROVAL	05/31/24
		-
		-
		-
		-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

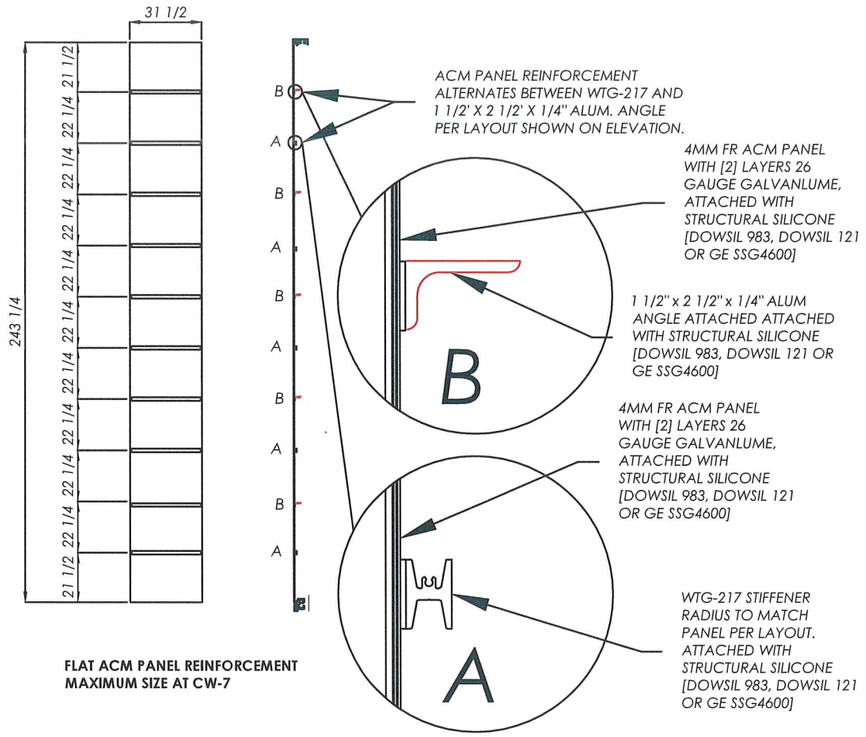
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

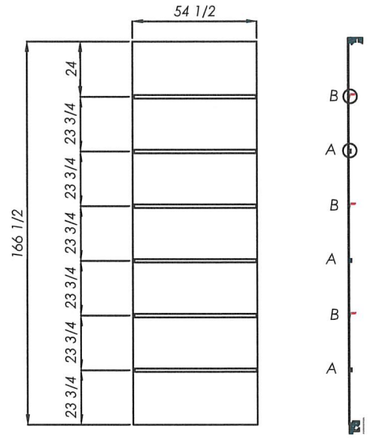
SHT: 05B

0

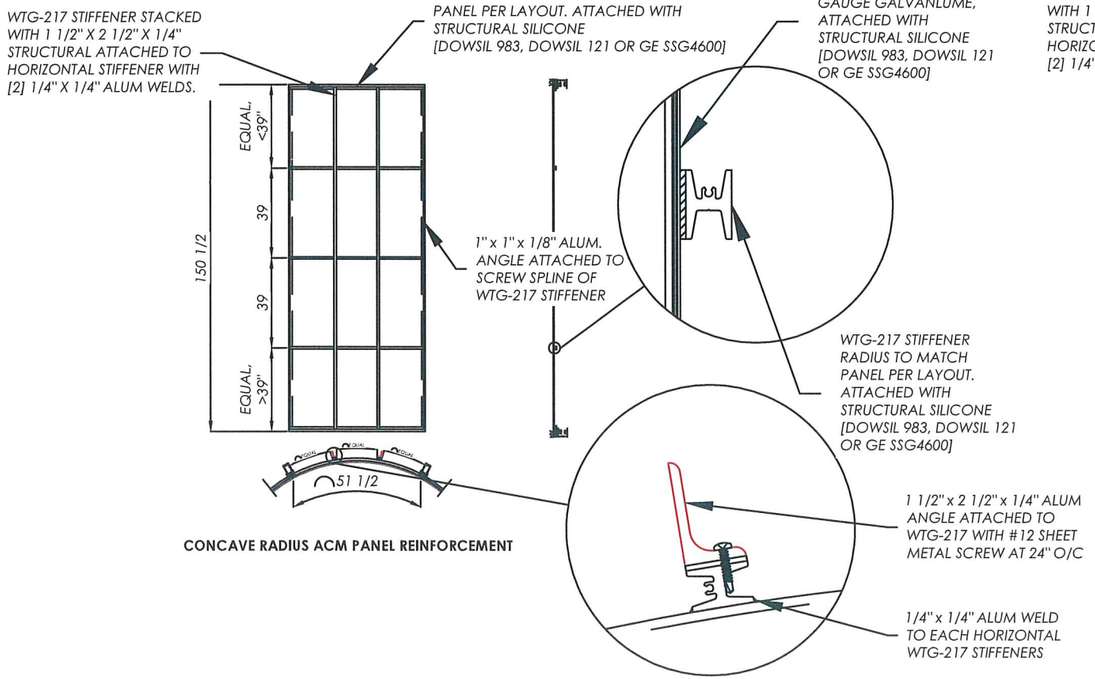
PLOT DATE: 2024-7-3



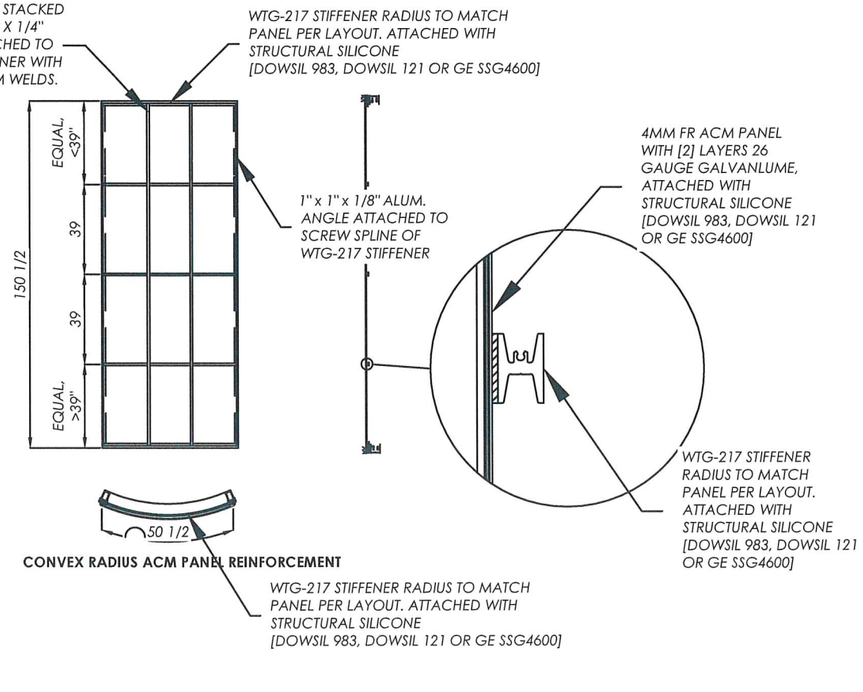
FLAT ACM PANEL REINFORCEMENT MAXIMUM SIZE AT CW-7



FLAT ACM PANEL REINFORCEMENT MAXIMUM SIZE AT CW-3



CONCAVE RADIUS ACM PANEL REINFORCEMENT



CONVEX RADIUS ACM PANEL REINFORCEMENT

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

REVISION	DESCRIPTION	REV. #	DATE
	FOR APPROVAL	00	05/31/24
		-	-
		-	-

ENGINEER:
SCOTT WOLTERS
FL PE #62354
Wolfe's Engineering, Inc
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412

JUL 03 2024

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

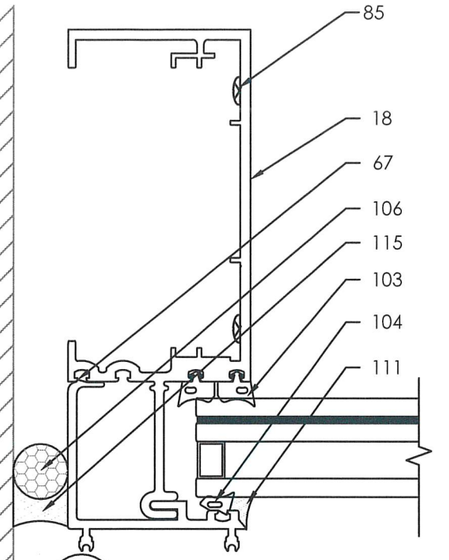
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

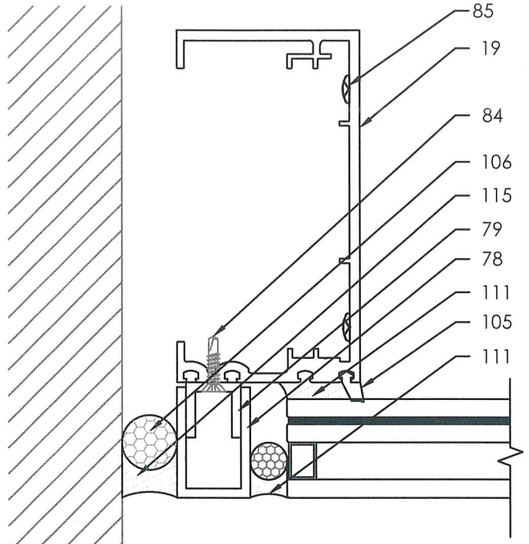
SHT: 05C

0

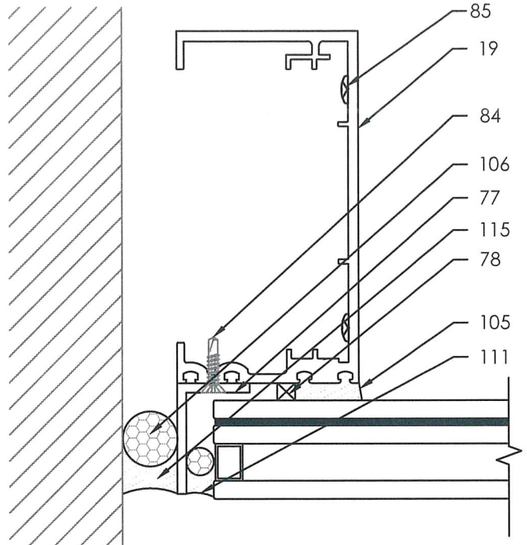
PLOT DATE: 2024-7-3



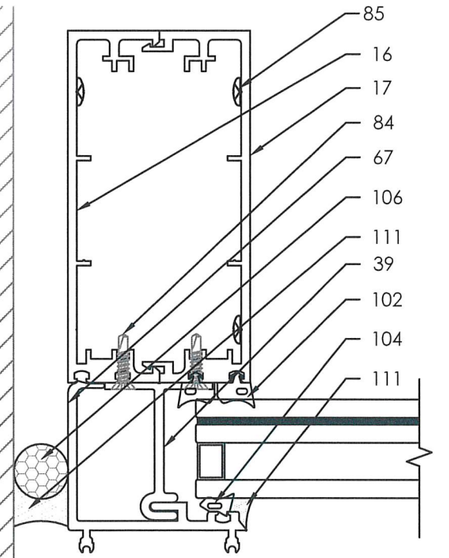
1/06 VERTICAL CROSS SECTION



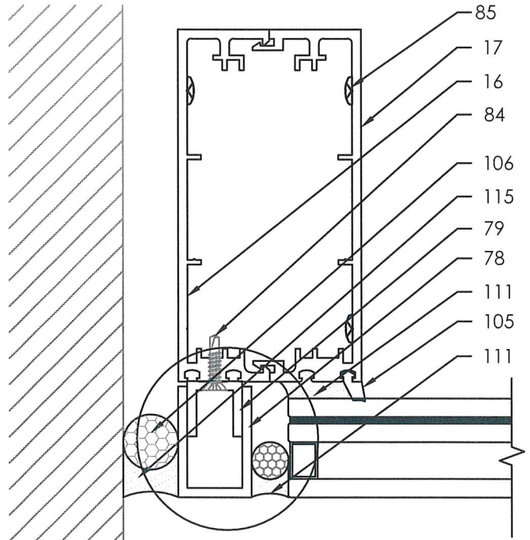
2/06 VERTICAL CROSS SECTION



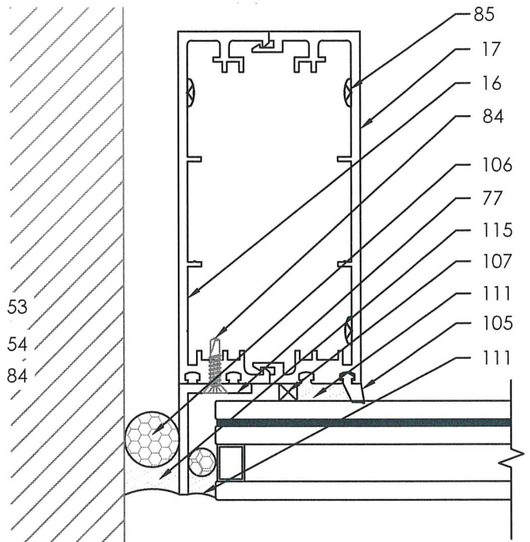
3/06 VERTICAL CROSS SECTION



4/06 VERTICAL CROSS SECTION



5/06 VERTICAL CROSS SECTION



6/06 VERTICAL CROSS SECTION

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Steel reinforcement options per sheet 18.
4. Jamb mullions and caulk joint width must meet requirements of ASTM C1472.
5. Item 115, min. 1/4", max 3".

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #	DESCRIPTION
	05/31/24	00	FOR APPROVAL
	-	-	
	-	-	

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX: 813-247-6468

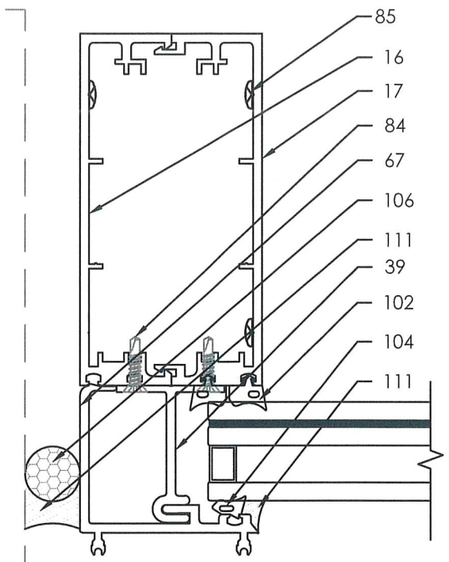
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 06

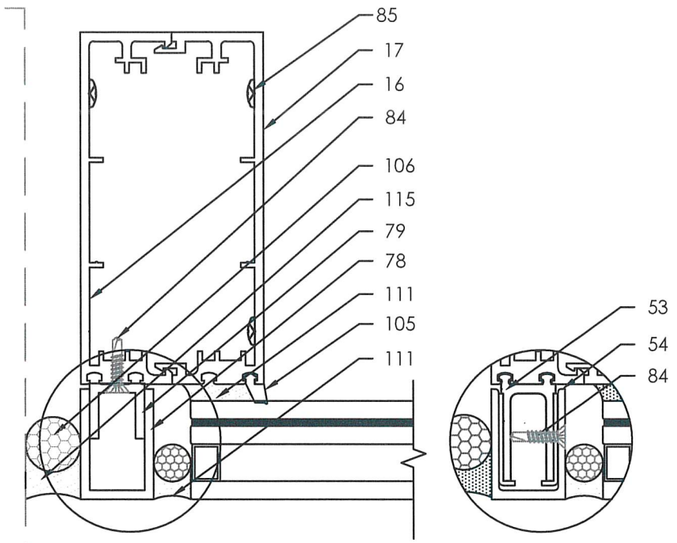
PLOT DATE: 2024-7-3

DOOR/ LOUVER OR OTHER PRODUCT PER SEPARATE PRODUCT APPROVAL



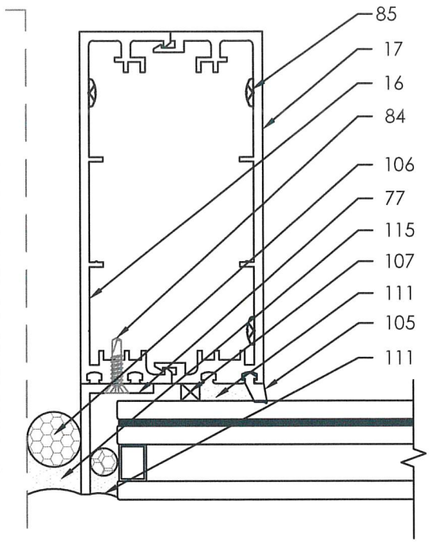
1 06A VERTICAL CROSS SECTION

DOOR/ LOUVER OR OTHER PRODUCT PER SEPARATE PRODUCT APPROVAL



2 06A VERTICAL CROSS SECTION

DOOR/ LOUVER OR OTHER PRODUCT PER SEPARATE PRODUCT APPROVAL



3 06A VERTICAL CROSS SECTION

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Steel reinforcement options per sheet 18.
4. Jamb mullions and caulk joint width must meet requirements of ASTM C1472.
5. Item 115, min. 1/4", max 3".

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS ENGINEER FL PE # 62354 Wolters Engineering, Inc. (COA #27198) 15211 97th Road N, West Palm Beach, FL 33412 JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
-	-	-
-	-	-

WEST TAMPA GLASS CO. SINCE 1934

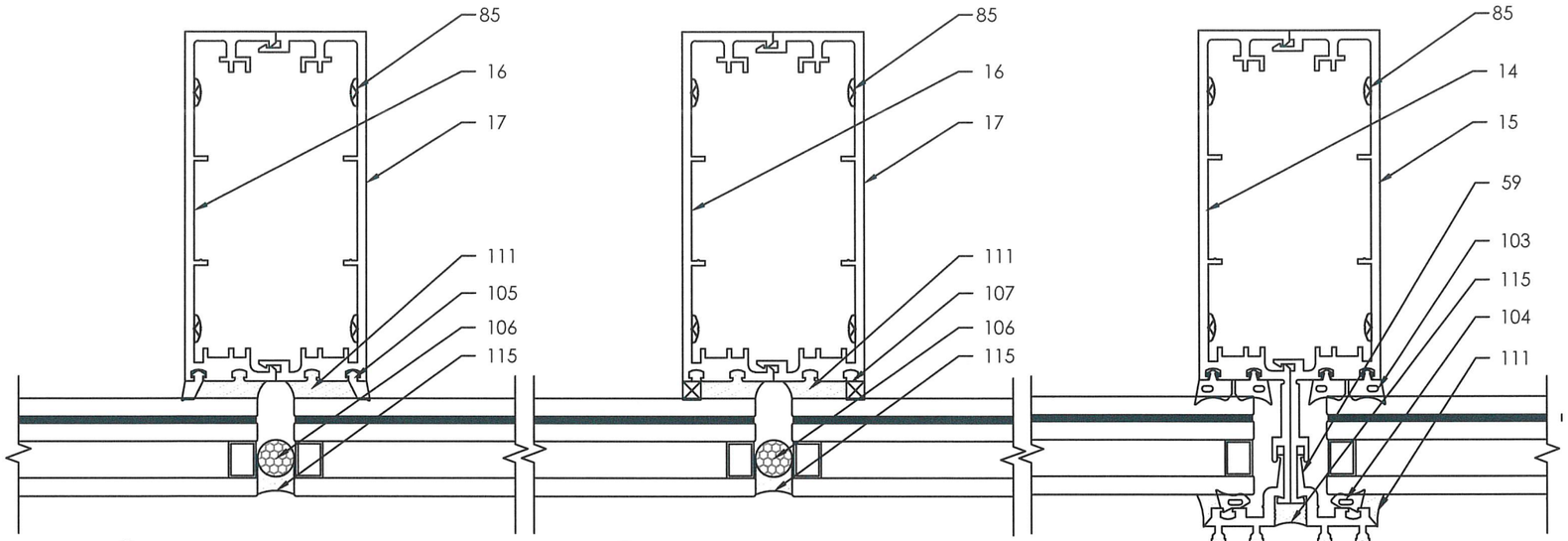
2705 N. 35TH STREET TAMPA, FLORIDA 33605 PH. 813-247-5528 FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 06A 0

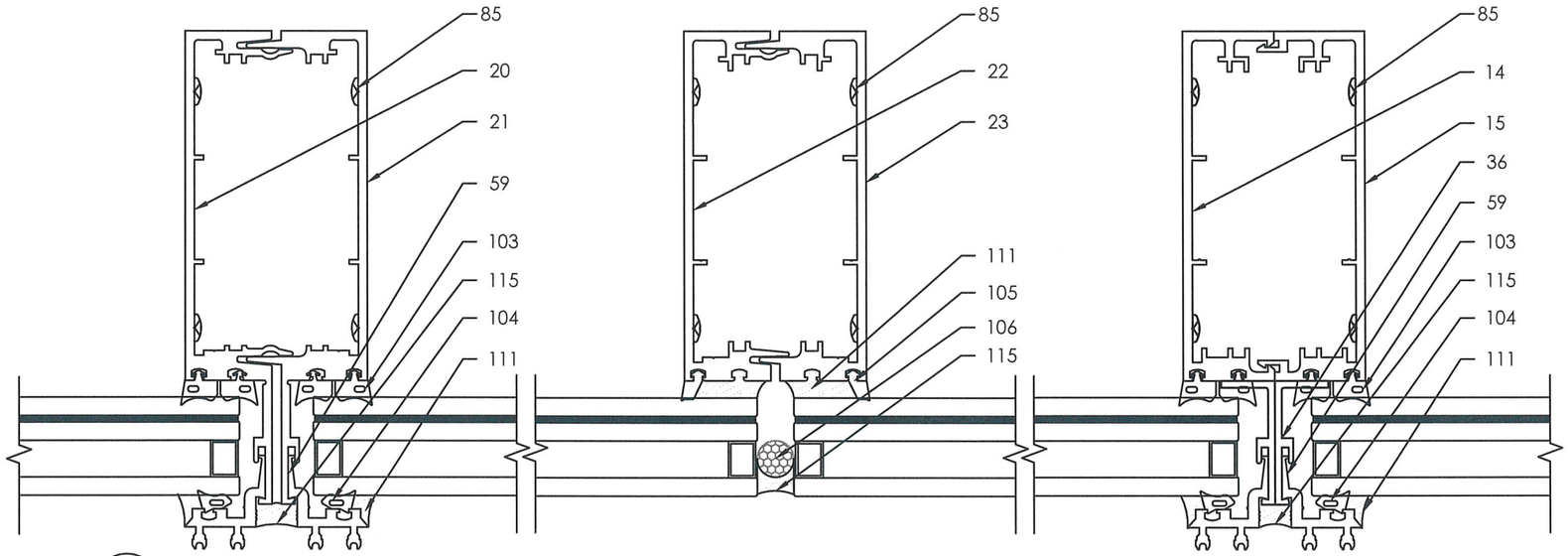
PLOT DATE: 2024-7-3



1/07 VERTICAL CROSS SECTION

1A/07 VERTICAL CROSS SECTION

2/07 VERTICAL CROSS SECTION



3/07 VERTICAL CROSS SECTION
EXPANSION MULLION

4/07 VERTICAL CROSS SECTION
EXPANSION MULLION

5/07 VERTICAL CROSS SECTION

NOTES:
1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Steel reinforcement options per sheet 18.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

PROFESSIONAL ENGINEER
STATE OF FLORIDA
SCOTT WOLTERS
No. 92354
JUL 03 2024

ENGINEER
SCOTT WOLTERS
FL PE # 92354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

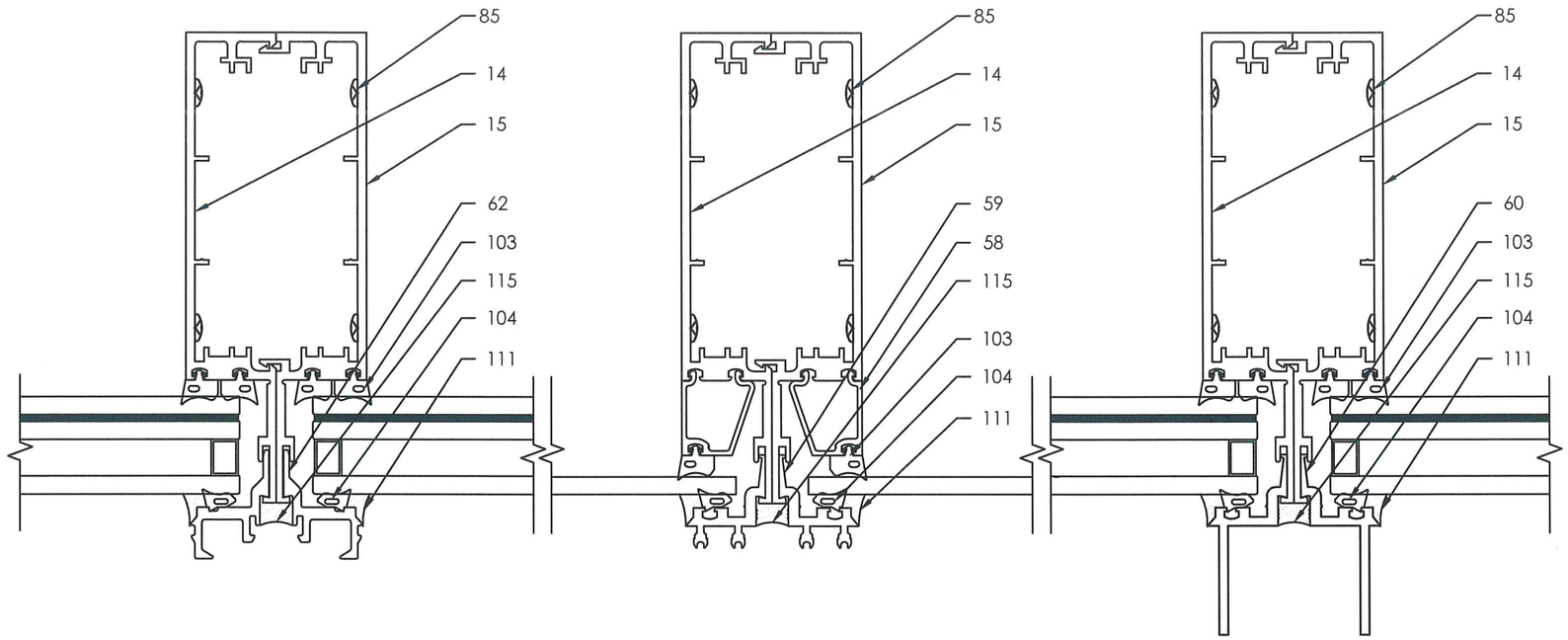
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 07

0

PLOT DATE: 2024-7-3



1 07A **VERTICAL CROSS SECTION**
PLASTIC PRESSURE BAR

2 07A **VERTICAL CROSS SECTION**
ACM INFILL

3 07A **VERTICAL CROSS SECTION**
PRESSURE BAR W/ WINGS

NOTES:
1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Steel reinforcement options per sheet 18.
4. Detail 1, 2 & 3 are applicable to expansion mullions items 20, 21, 22, & 23.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

PROFESSIONAL ENGINEERS
SCOTT WOLTERS
ENGINEER
FL PE # 62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #
DESCRIPTION		
FOR APPROVAL	05/31/24	00
	-	-
	-	-

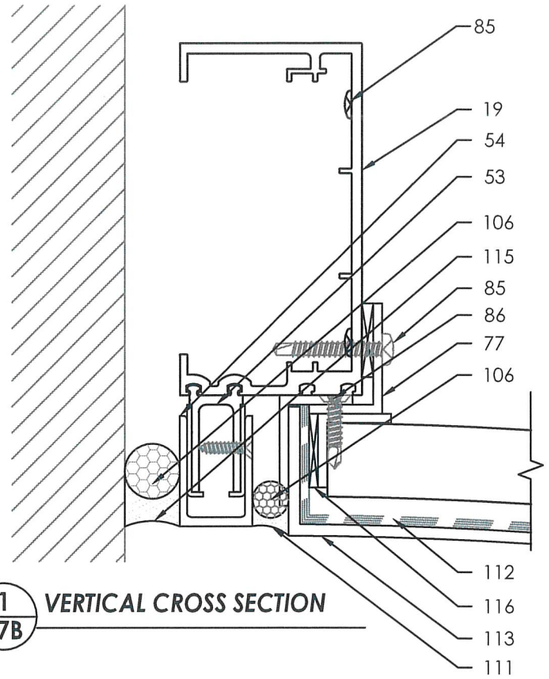
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

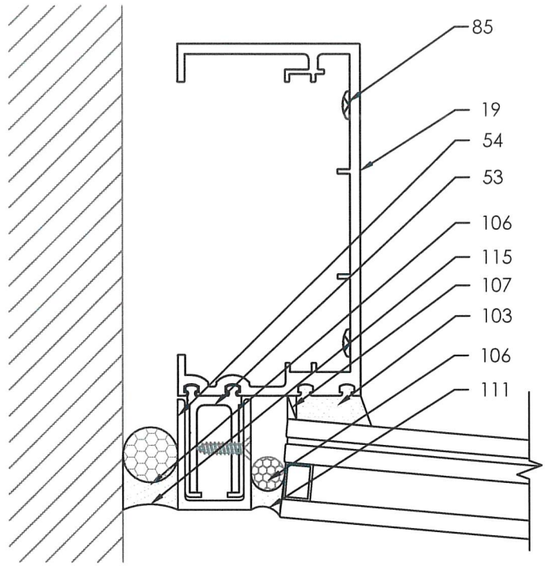
DRAWN BY: KK

SHT: 07A 0

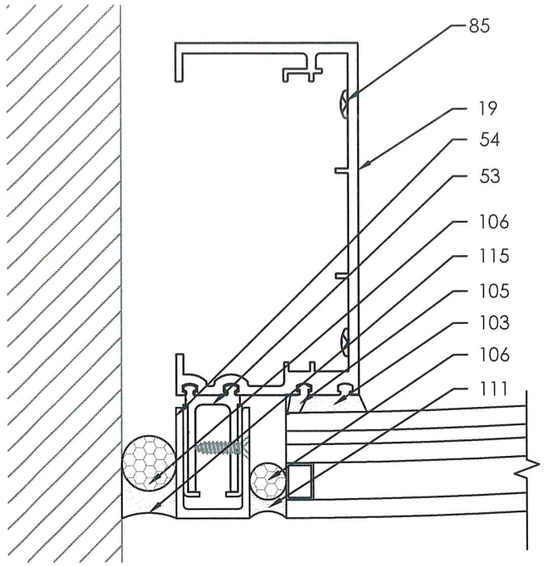
PLOT DATE: 2024-7-3



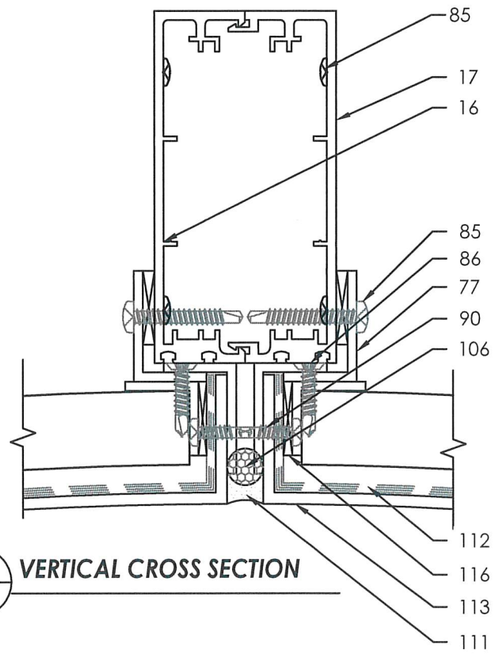
1 07B VERTICAL CROSS SECTION



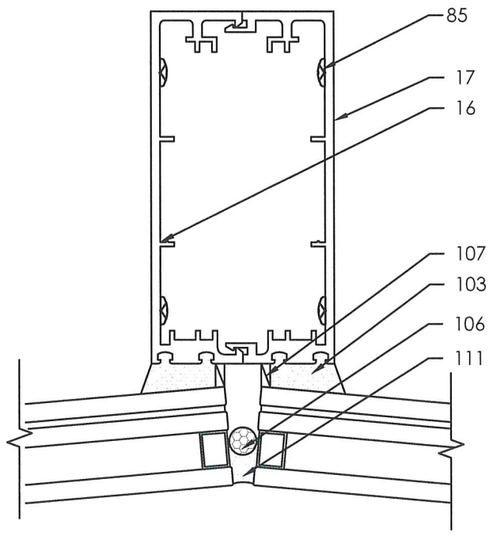
2 07B VERTICAL CROSS SECTION



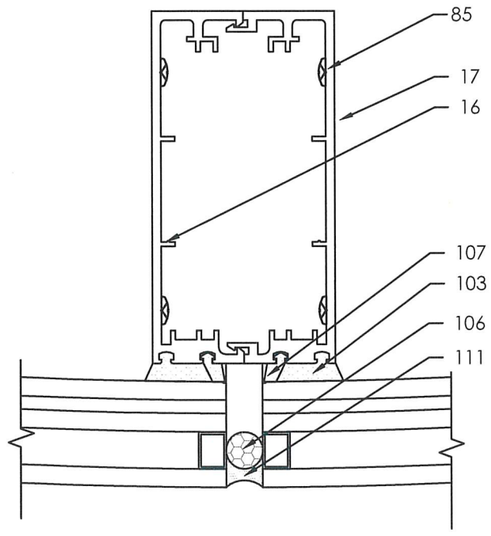
3 07B VERTICAL CROSS SECTION



4 07B VERTICAL CROSS SECTION



5 07B VERTICAL CROSS SECTION



6 07B VERTICAL CROSS SECTION

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Steel reinforcement options per sheet 18.
4. Jamb mullions and caulk joint width must meet requirements of ASTM C1472.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS ENGINEER
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION

#	DESCRIPTION	DATE	REV. #
	FOR APPROVAL	05/31/24	00
		-	-
		-	-

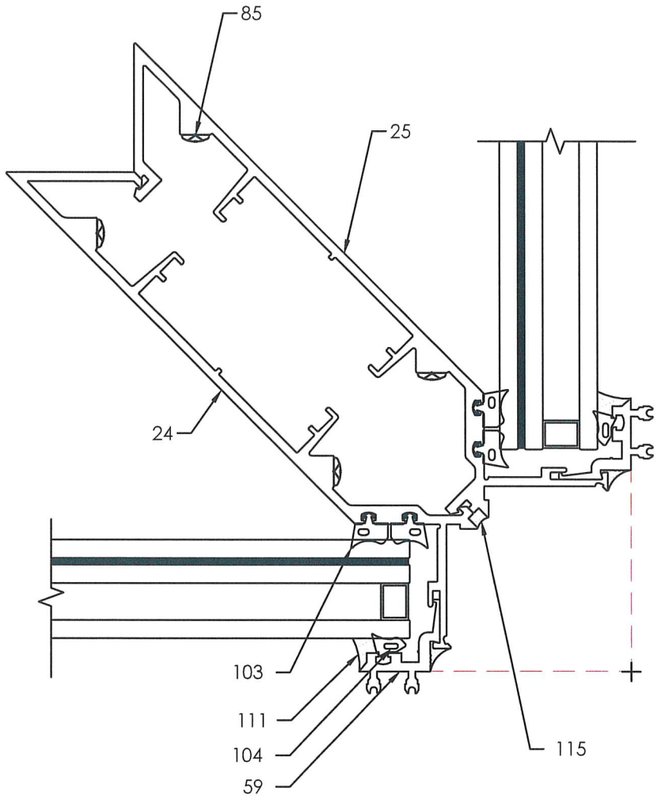
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

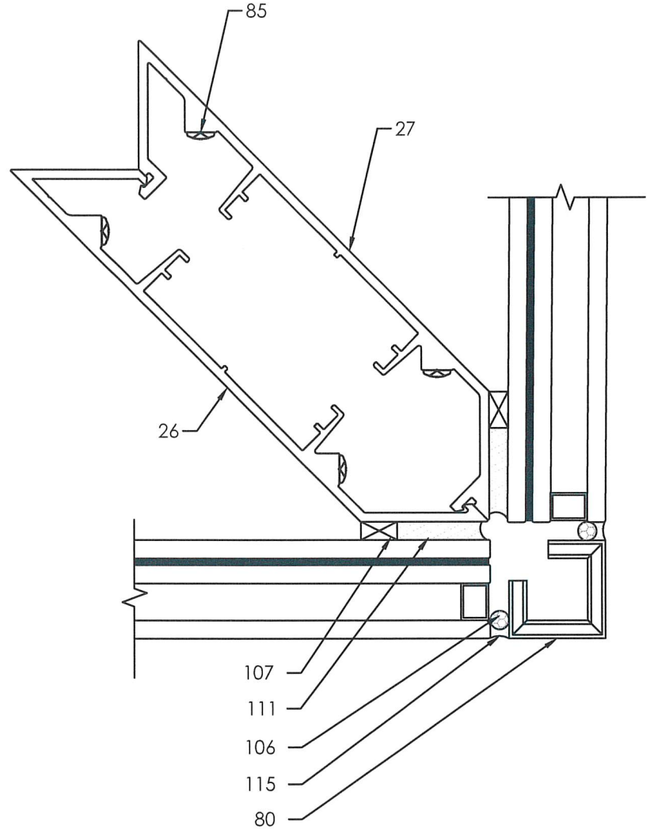
DRAWN BY: KK

SHT: 07B 0

PLOT DATE: 2024-7-3



1/08 **VERTICAL CROSS SECTION**
OUTSIDE CORNER



2/08 **VERTICAL CROSS SECTION**
Outside corner

NOTES:
1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. See sheets 18, 18B for steel reinforcing requirements.

WTG 700 SERIES

SCOTT WOLTERS
ENGINEER
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412

JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

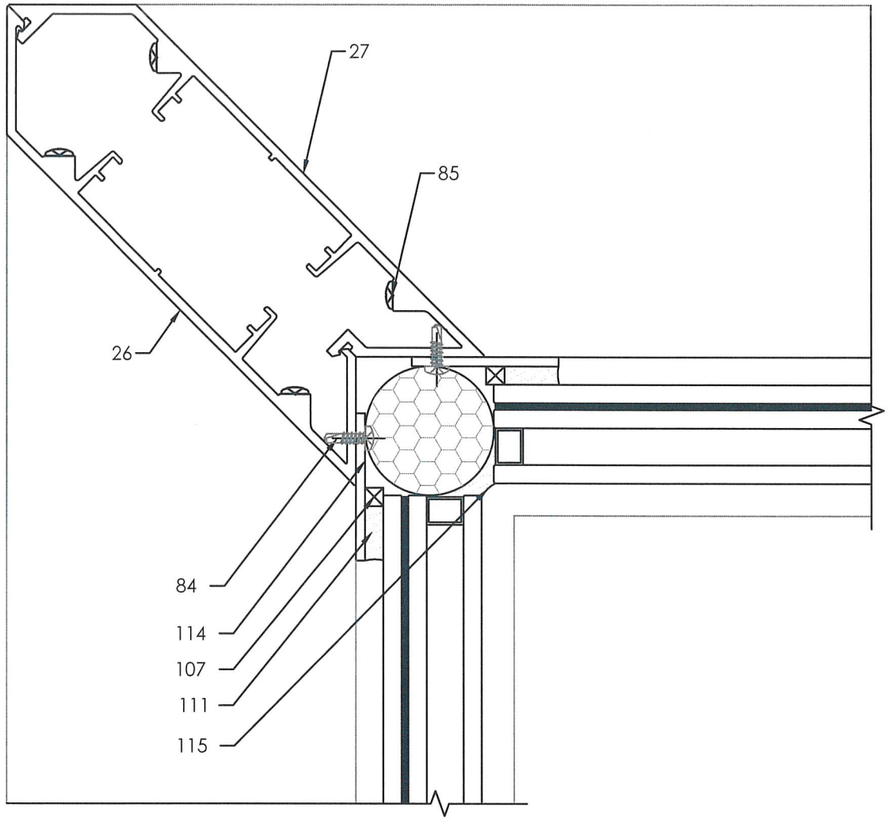
DRAWN BY: KK

SHT: 08

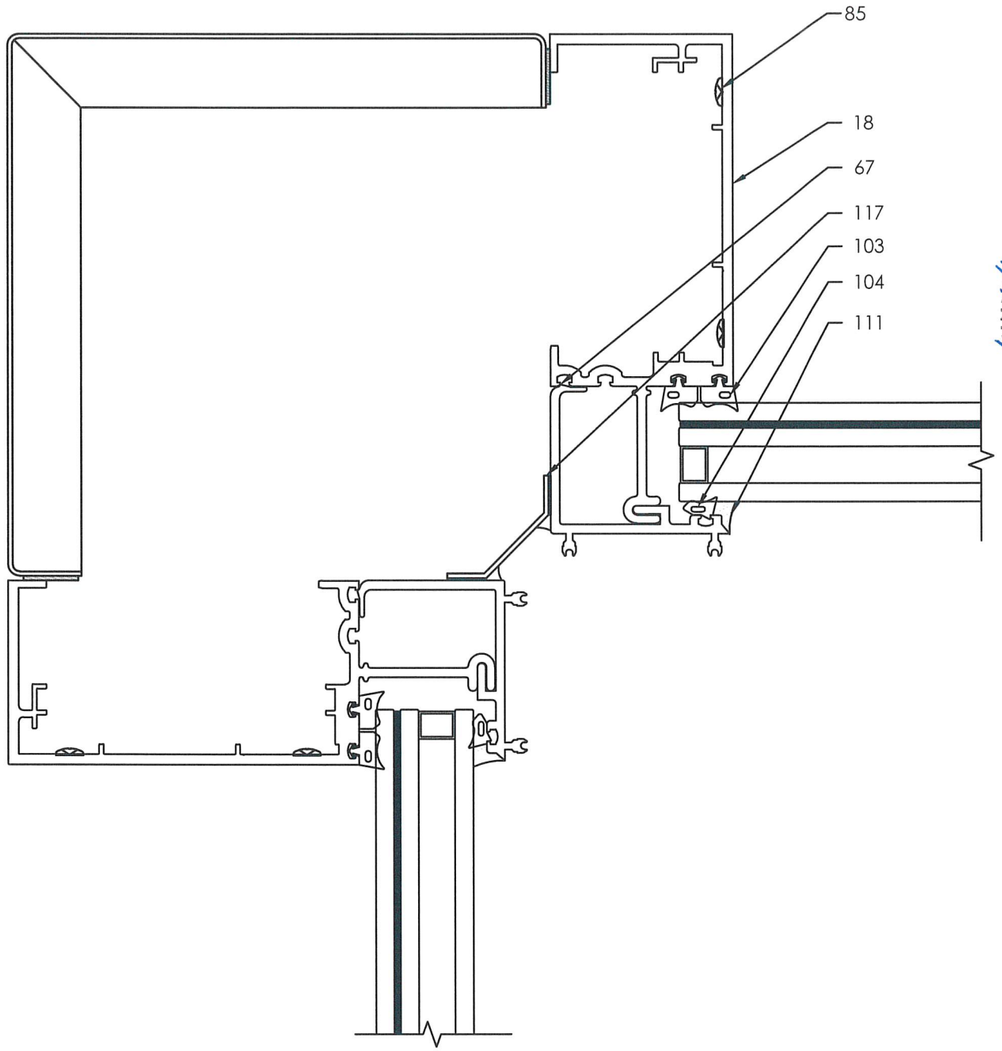
0

LAST SAVE: 2024-7-2 KKHAYKHAM

PLOT DATE: 2024-7-3



1 / 09 VERTICAL CROSS SECTION
INSIDE CORNER



2 / 09 VERTICAL CROSS SECTION
Inside corner

NOTES:
1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. See sheets 18, 18B for steel reinforcing requirements.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

PROFESSIONAL ENGINEER
SCOTT WOLTERS
No. PE #62354
STATE OF FLORIDA
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

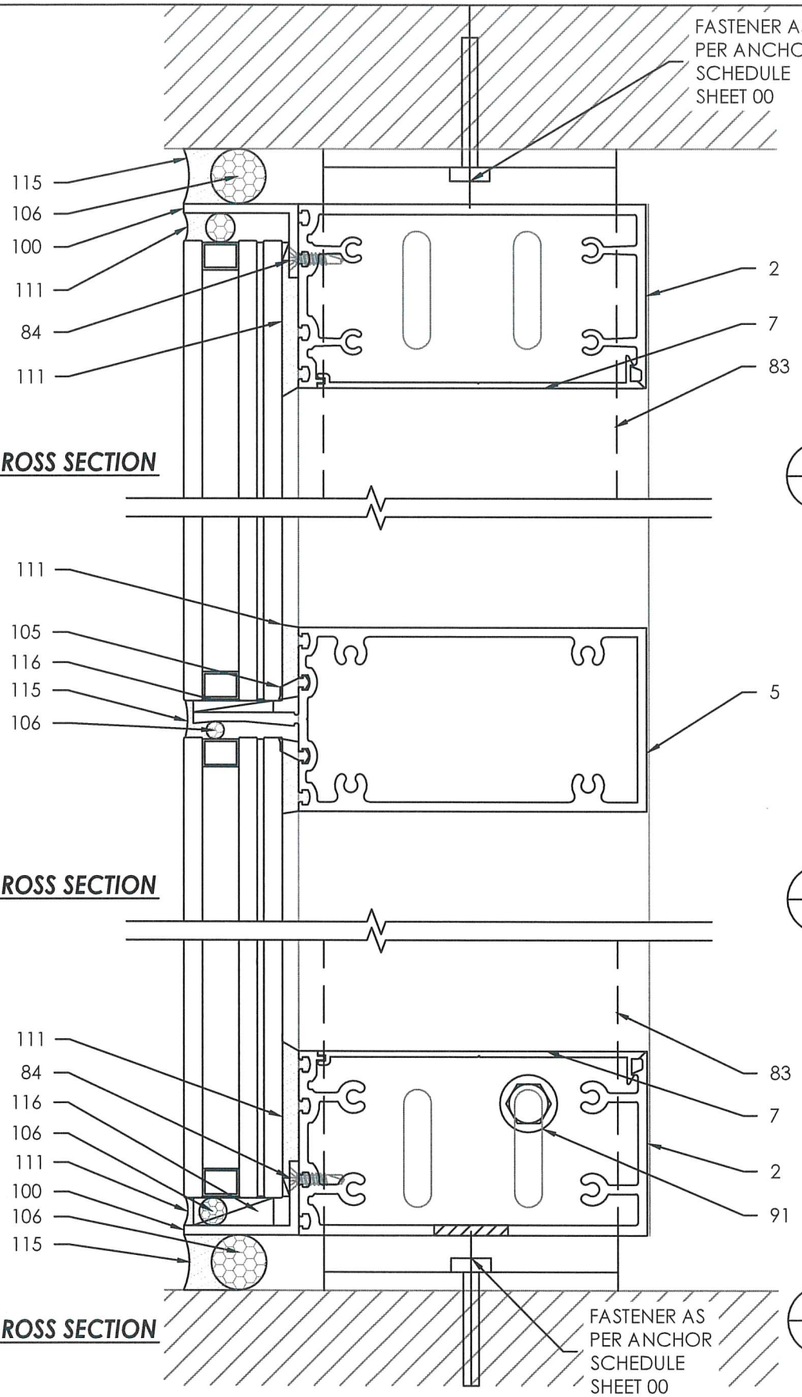
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH: 813-247-5528
FAX: 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

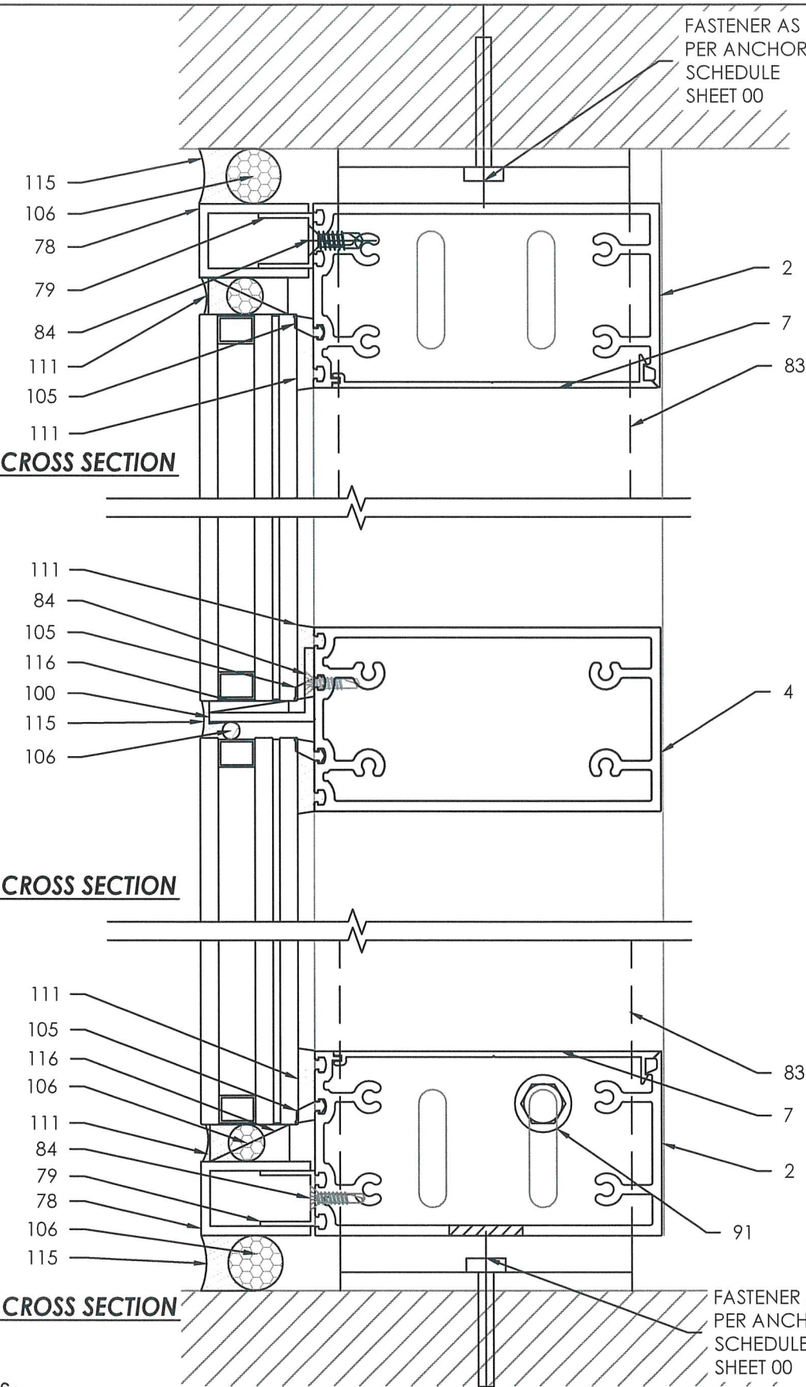
DRAWN BY: KK

SHT: 09 | 0

PLOT DATE: 2024-7-3



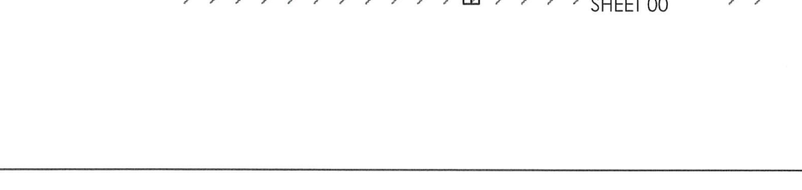
1/10 **HORIZONTAL CROSS SECTION**
HEAD



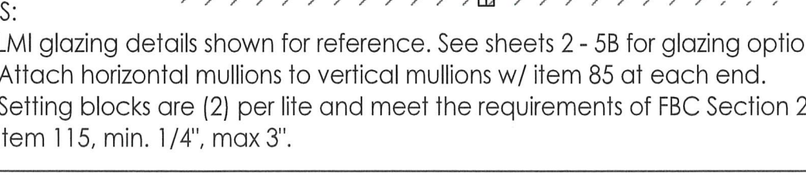
2/10 **HORIZONTAL CROSS SECTION**
HEAD

3/10 **HORIZONTAL CROSS SECTION**
MULLION

4/10 **HORIZONTAL CROSS SECTION**
MULLION



5/10 **HORIZONTAL CROSS SECTION**
SILL



6/10 **HORIZONTAL CROSS SECTION**
SILL

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Setting blocks are (2) per lite and meet the requirements of FBC Section 2411.3.3.1
4. Item 115, min. 1/4", max 3".

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412

JUL 03 2024

REVISION			
REV. #	DESCRIPTION	DATE	
00	FOR APPROVAL	05/31/24	
		-	
		-	

WEST TAMPA GLASS CO.
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 10 | 0

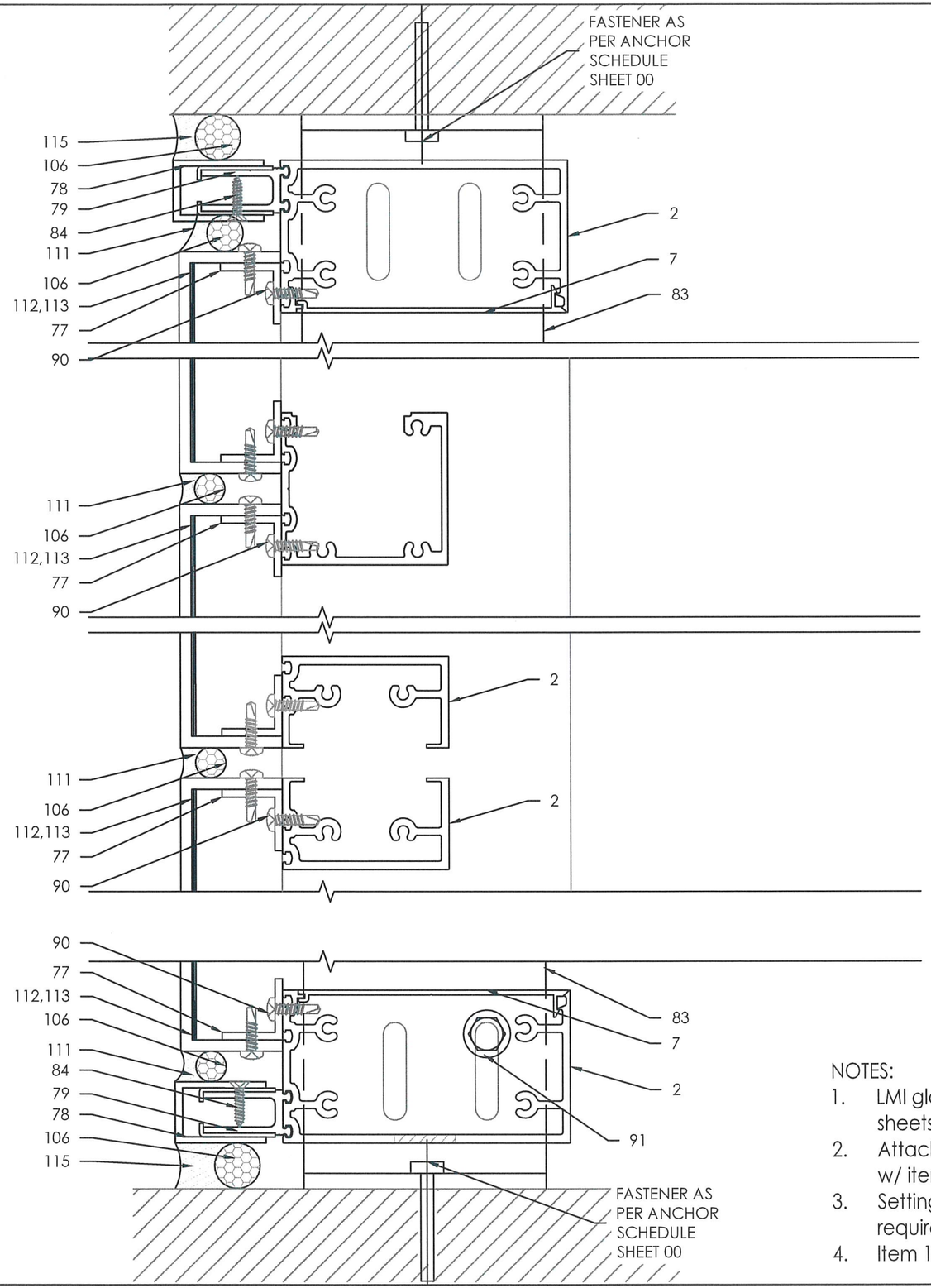
PLOT DATE: 2024-7-3

4/10A HORIZONTAL CROSS SECTION
HEAD

3/10A HORIZONTAL CROSS SECTION
MULLION

2/10A HORIZONTAL CROSS SECTION
MULLION

1/10A HORIZONTAL CROSS SECTION
SILL



NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Setting blocks are (2) per lite and meet the requirements of FBC Section 2411.3.3.1
4. Item 115, min. 1/4", max 3".

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

PROFESSIONAL ENGINEER
STATE OF FLORIDA
SCOTT WOLTERS
ENGINEER
#82354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DESCRIPTION	DATE	REV. #
	FOR APPROVAL	05/31/24	00
		-	-
		-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

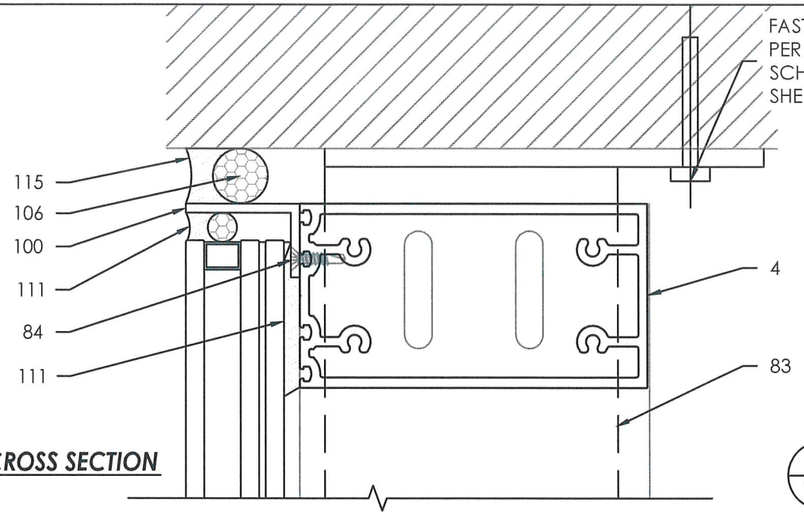
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

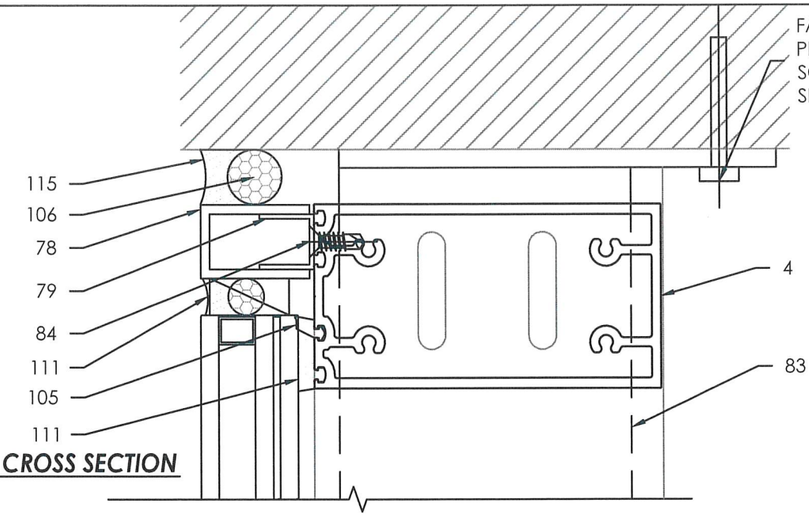
SHT: 10A

0

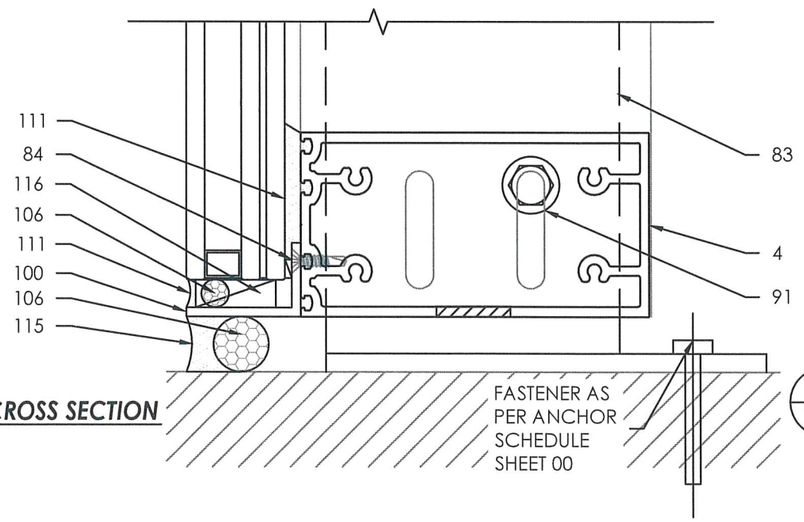
PLOT DATE: 2024-7-3



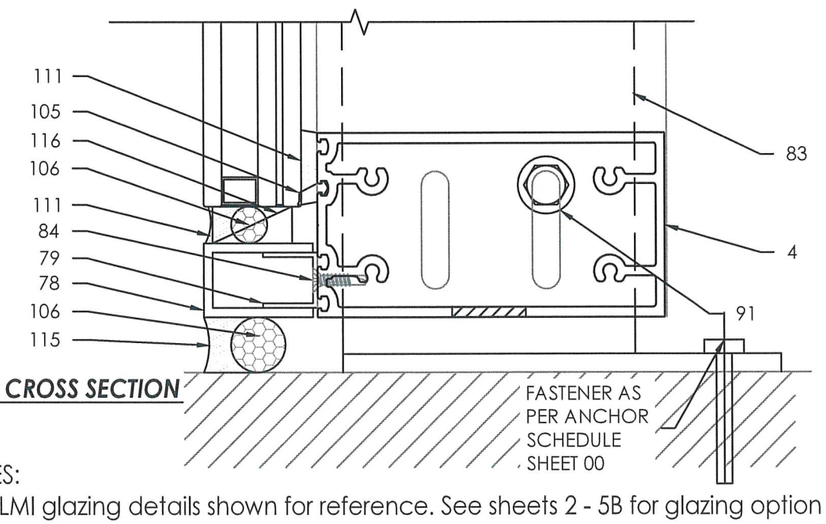
1 / 10B **HORIZONTAL CROSS SECTION**
HEAD



3 / 10B **HORIZONTAL CROSS SECTION**
HEAD



2 / 10B **HORIZONTAL CROSS SECTION**
SILL



4 / 10B **HORIZONTAL CROSS SECTION**
SILL

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Setting blocks are (2) per lite and meet the requirements of FBC Section 2411.3.3.1
4. Item 115, min. 1/4", max 3".

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
FL PE # 62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DESCRIPTION	REV. #	DATE
	FOR APPROVAL	00	05/31/24
		-	-
		-	-

WEST TAMPA GLASS CO.
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
SINCE 1934

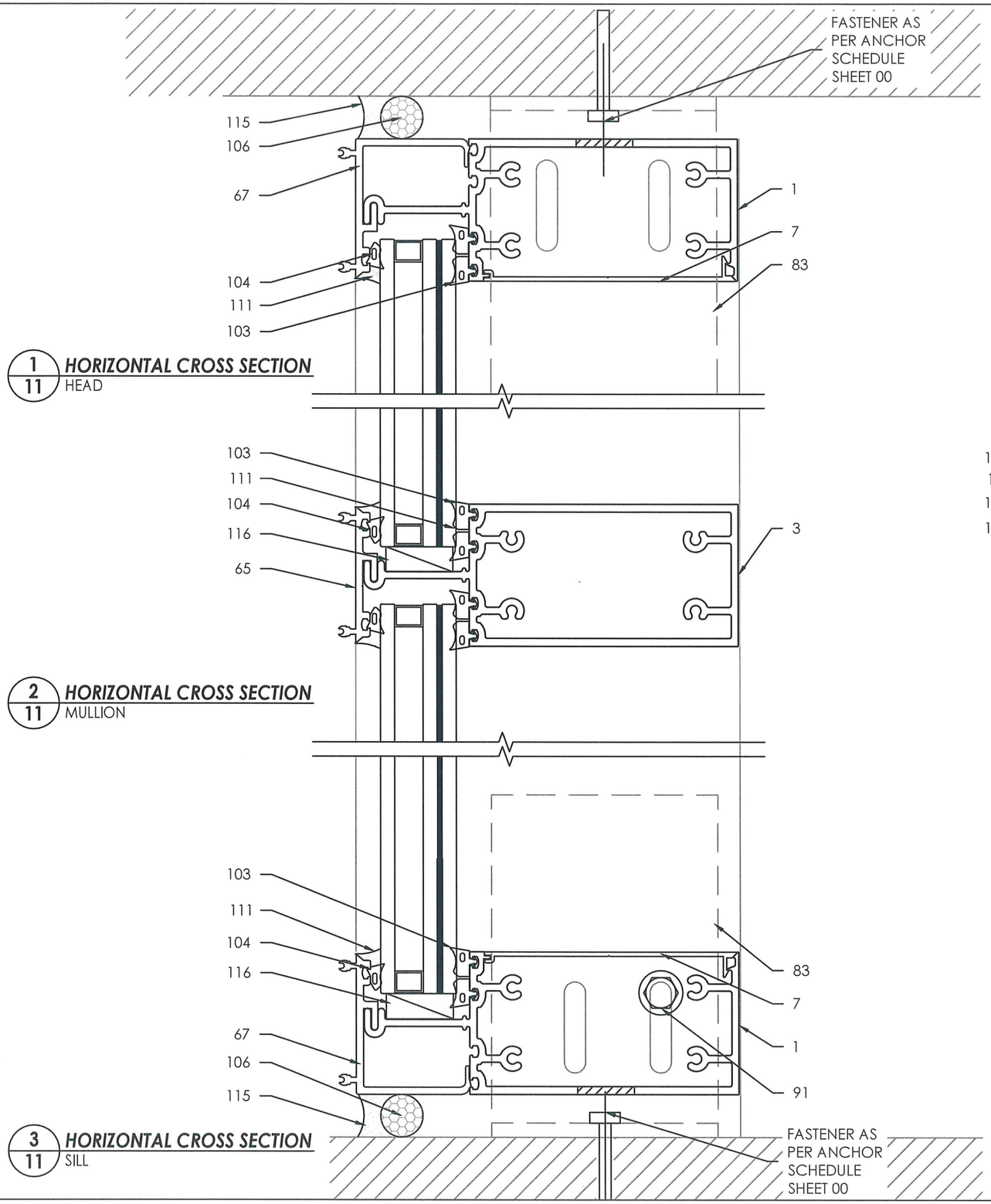
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 10B

0

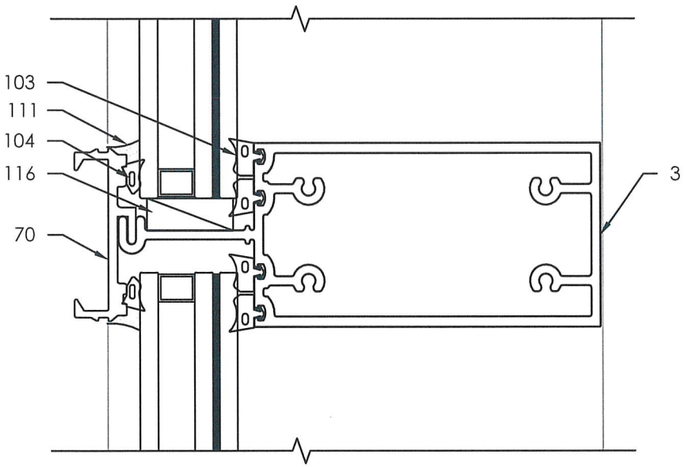
PLOT DATE: 2024-7-3



1/11 **HORIZONTAL CROSS SECTION** HEAD

2/11 **HORIZONTAL CROSS SECTION** MULLION

3/11 **HORIZONTAL CROSS SECTION** SILL



4/11 **HORIZONTAL CROSS SECTION** MULLION

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Setting blocks are (2) per lite and meet the requirements of FBC Section 2411.3.3.1
4. Item 115, min. 1/4", max 3".

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412

STATE OF FLORIDA PROFESSIONAL ENGINEER

JUL 03 2024

REVISION	DESCRIPTION	REV. #	DATE
	FOR APPROVAL	00	05/31/24
		-	-
		-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH: 813-247-5528
FAX: 813-247-6468

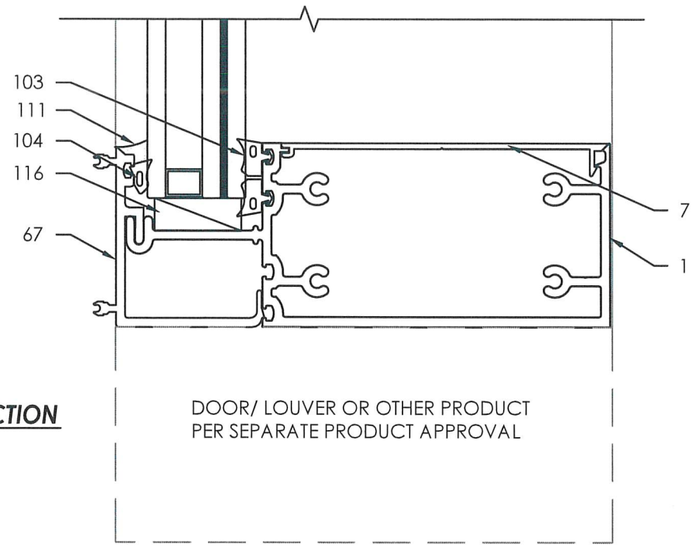
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 11

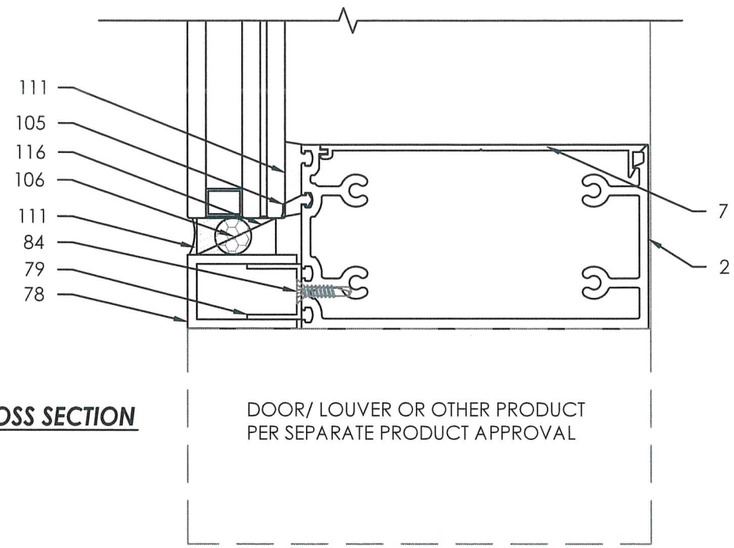
0

PLOT DATE: 2024-7-3



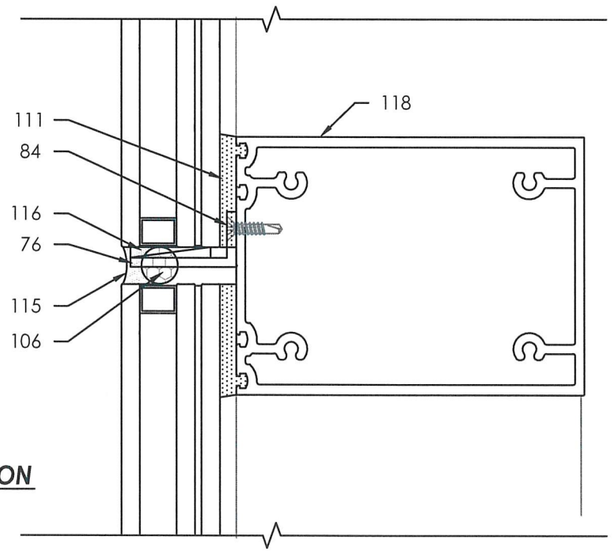
DOOR/ LOUVER OR OTHER PRODUCT
PER SEPARATE PRODUCT APPROVAL

1 / 11A HORIZONTAL CROSS SECTION
SILL



DOOR/ LOUVER OR OTHER PRODUCT
PER SEPARATE PRODUCT APPROVAL

2 / 11A HORIZONTAL CROSS SECTION
SILL



3 / 11A HORIZONTAL CROSS SECTION
MULLION

NOTES:
1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Setting blocks are (2) per lite and meet the requirements of FBC Section 2411.3.3.1

WTG 700 SERIES

SCOTT WOLTERS
ENGINEER
FL PE #62334
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412

JUL 03 2024

REVISION

DESCRIPTION	REV. #	DATE
FOR APPROVAL	00	05/31/24
	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

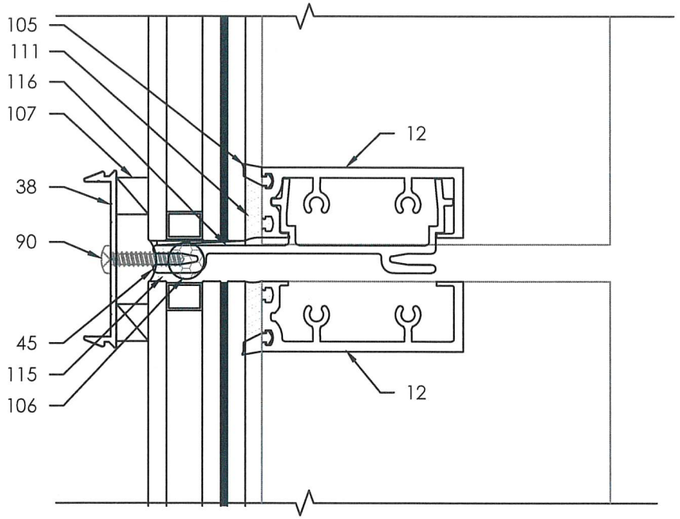
DRAWN BY: KK

SHT: 11A

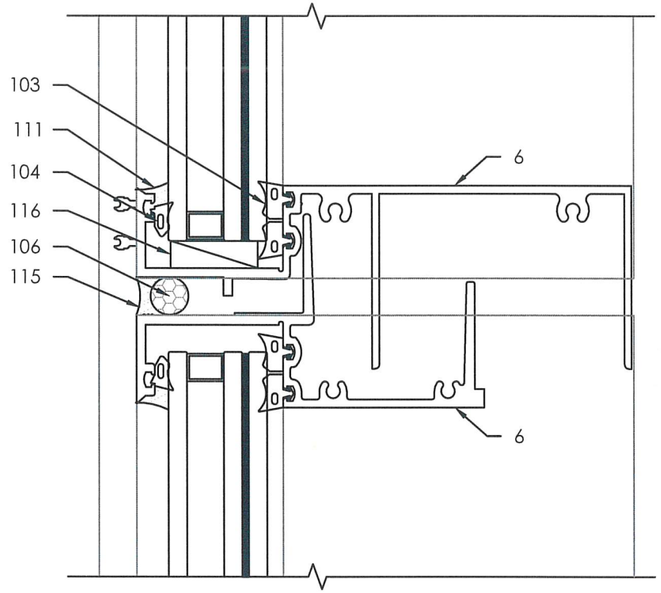
0

LAST SAVE: 2024-7-2 KKHAYKHAM

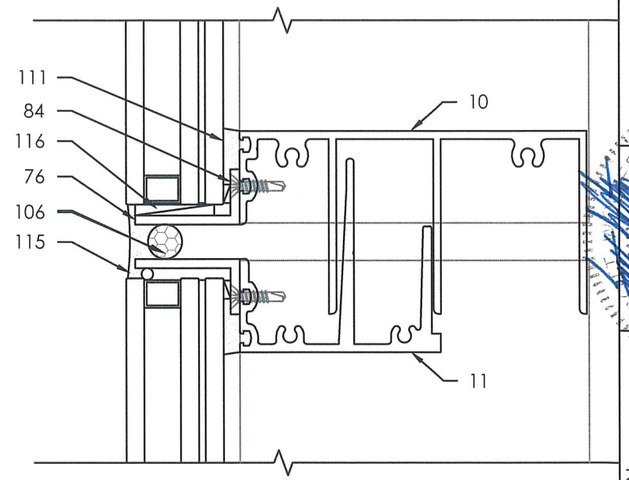
PLOT DATE: 2024-7-3



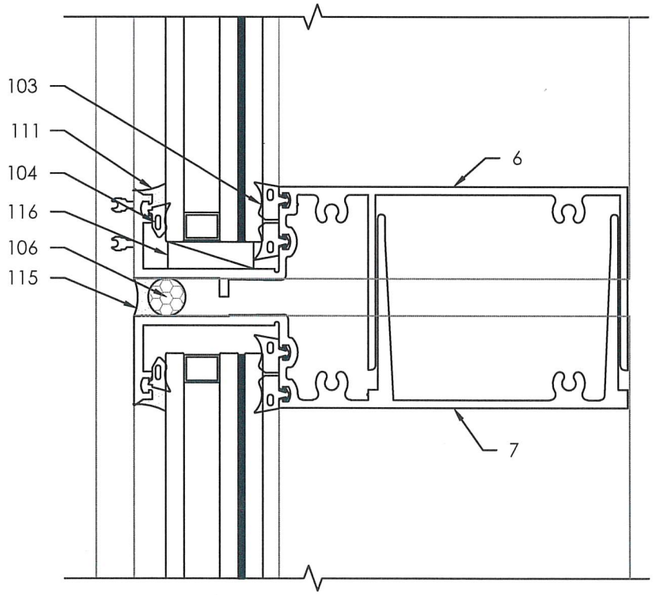
1/12 **HORIZONTAL CROSS SECTION**
MID SPAN



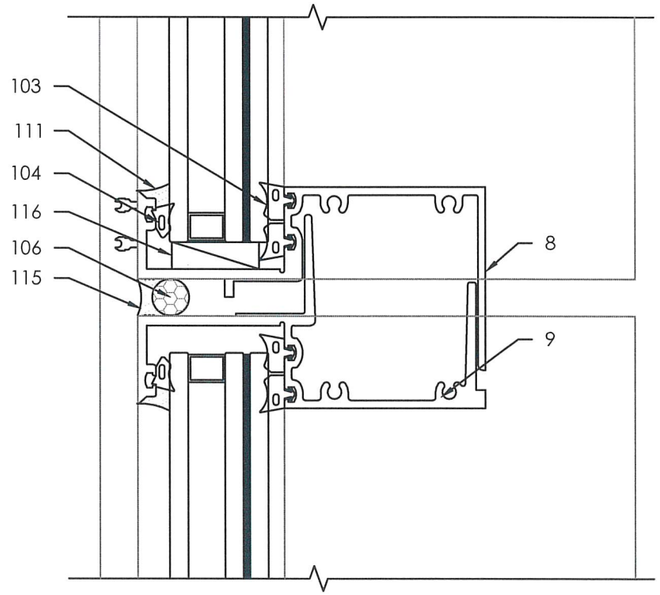
3/12 **HORIZONTAL CROSS SECTION**
MID SPAN



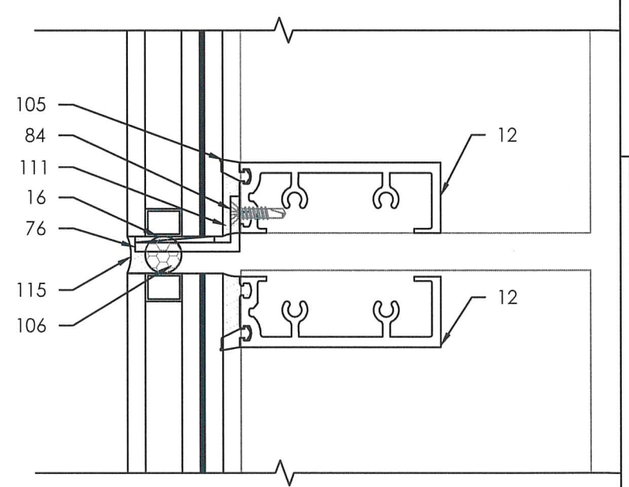
5/12 **HORIZONTAL CROSS SECTION**
MID SPAN



2/12 **HORIZONTAL CROSS SECTION**
MID SPAN



4/12 **HORIZONTAL CROSS SECTION**
MID SPAN



6/12 **HORIZONTAL CROSS SECTION**
MID SPAN

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Setting blocks are (2) per lite and meet the requirements of FBC Section 2411.3.3.1

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL.P.E #62334
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024

REVISION

DESCRIPTION	REV. #	DATE
FOR APPROVAL	00	05/31/24
	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

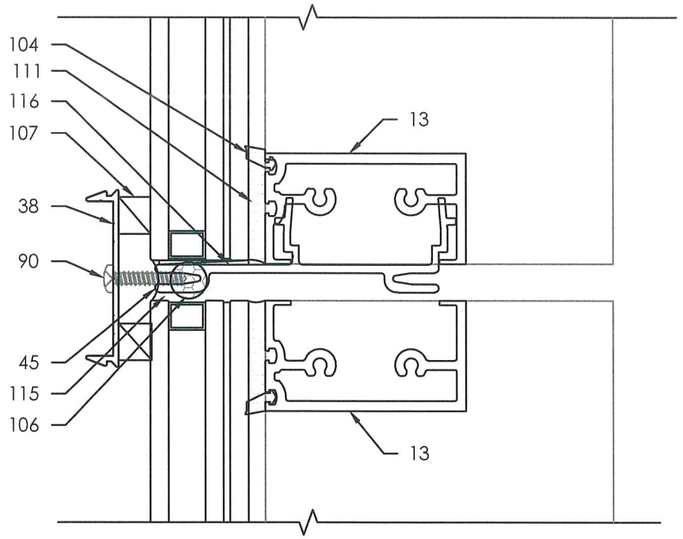
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

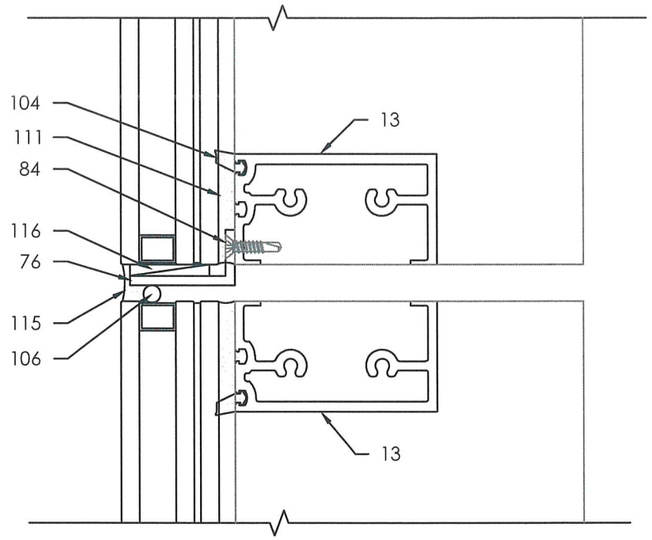
SHT: 12

0

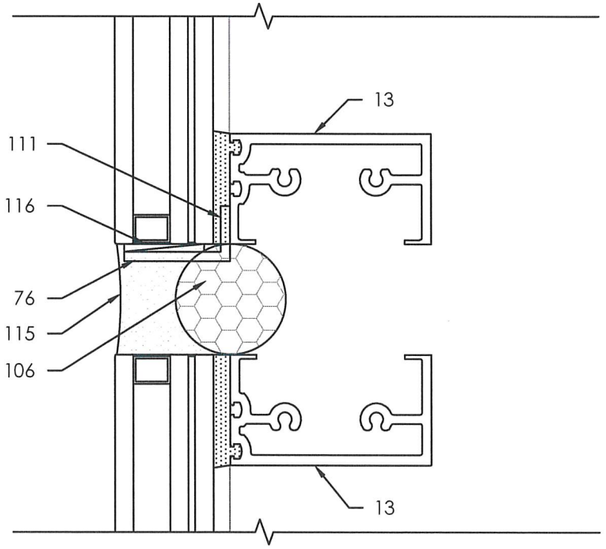
PLOT DATE: 2024-7-3



1 / 12A **HORIZONTAL CROSS SECTION**
MID SPAN



2 / 12A **HORIZONTAL CROSS SECTION**
MID SPAN



3 / 12A **HORIZONTAL CROSS SECTION**
MID SPAN

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Setting blocks are (2) per lite and meet the requirements of FBC Section 2411.3.3.1
4. Mid-span horizontal joint can vary between 1/2" - 1 1/2" as needed to accommodate movement.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

PROFESSIONAL ENGINEERS
ENGINEERING CERTIFICATE OF AUTHORIZATION
ENGINEER
SCOTT WOLTERS
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
AUG 03 2024

REVISION	DATE	REV. #
DESCRIPTION	05/31/24	00
FOR APPROVAL	-	-
	-	-
	-	-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

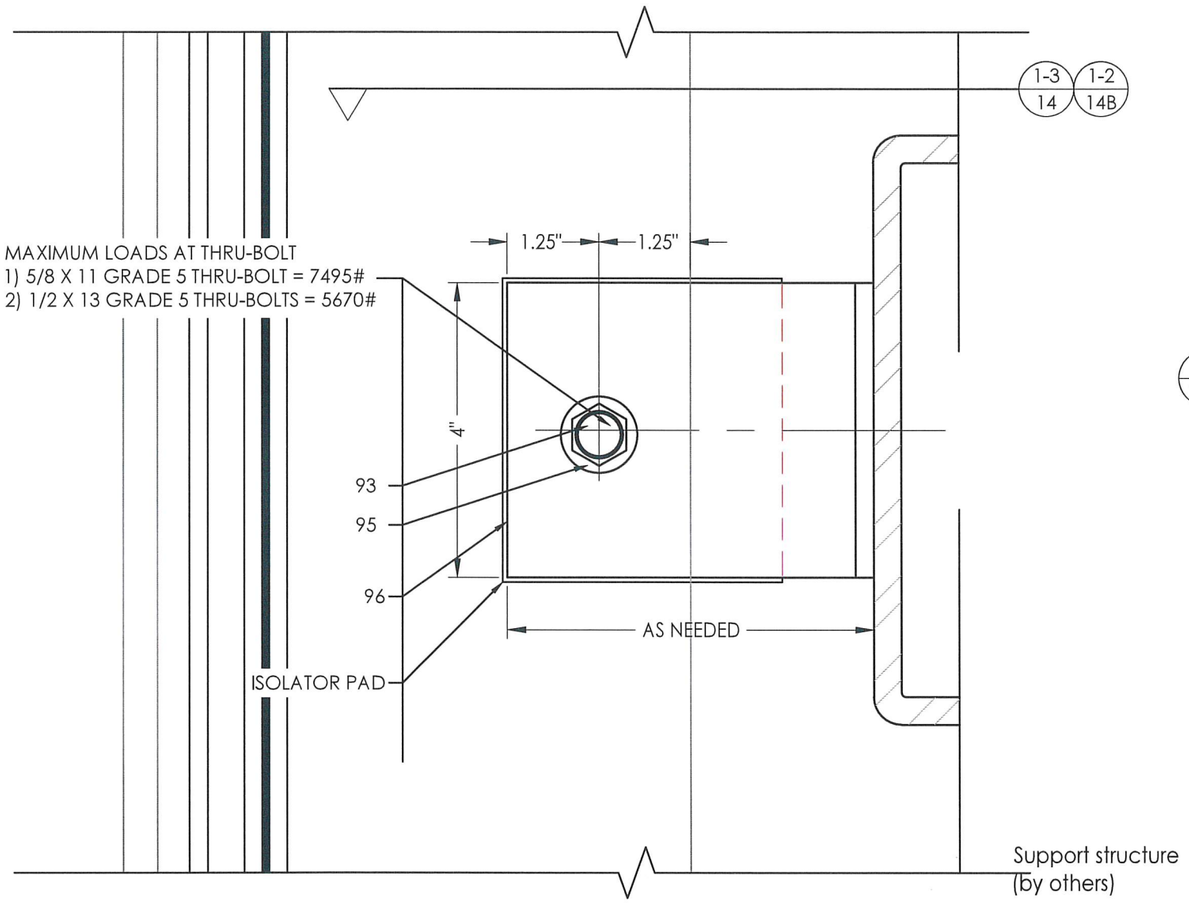
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

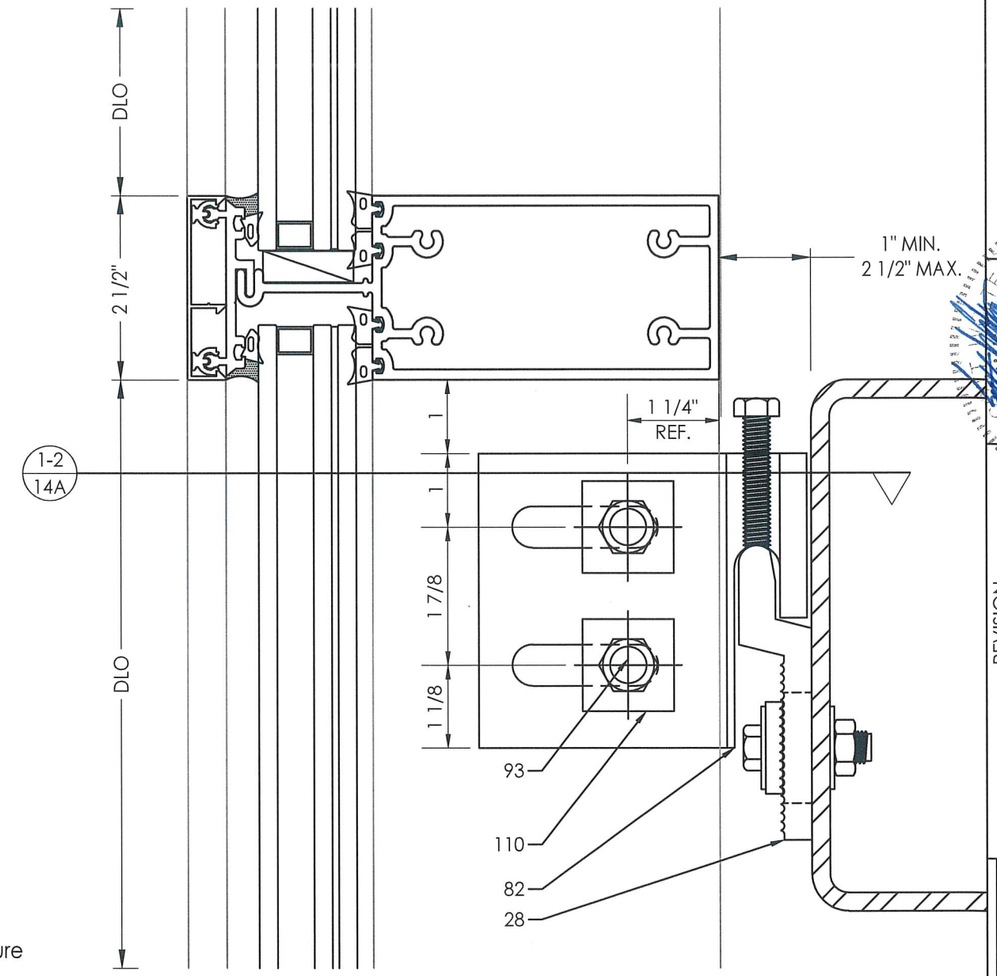
SHT: 12A

0

PLOT DATE: 2024-7-3



1/13 **MID SPAN ANCHORS**
MAX. WINDLOAD REACTION = 7495 LB (5/8" GR 5 BOLT)
MAX. WINDLOAD REACTION = 5670 LB (1/2" GR 5 BOLT)



2/13 **MID SPAN ANCHORS**
MAX. WINDLOAD REACTION = 5063 LB

NOTE :
1. Anchoring of curtain wall system to supporting structure is the responsibility of the delegated FL licensed engineer for each project.
2. Dimensions shown as tested and may be modified as specified by the architect or FL licensed engineer.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEERS
SCOTT WOLTERS
fl# PE #62334
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
Fl. 33412

STATE OF FLORIDA
PROFESSIONAL ENGINEER
JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

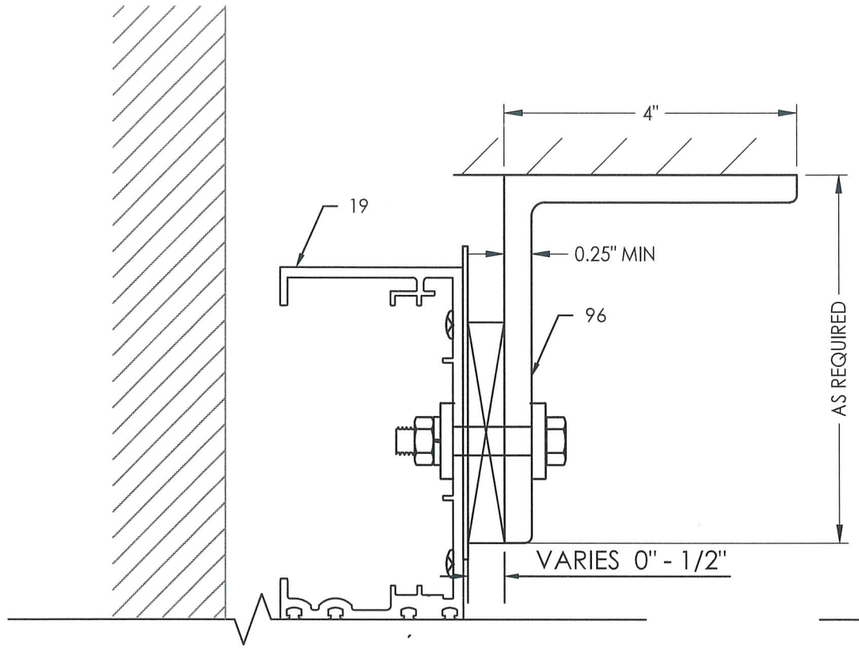
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

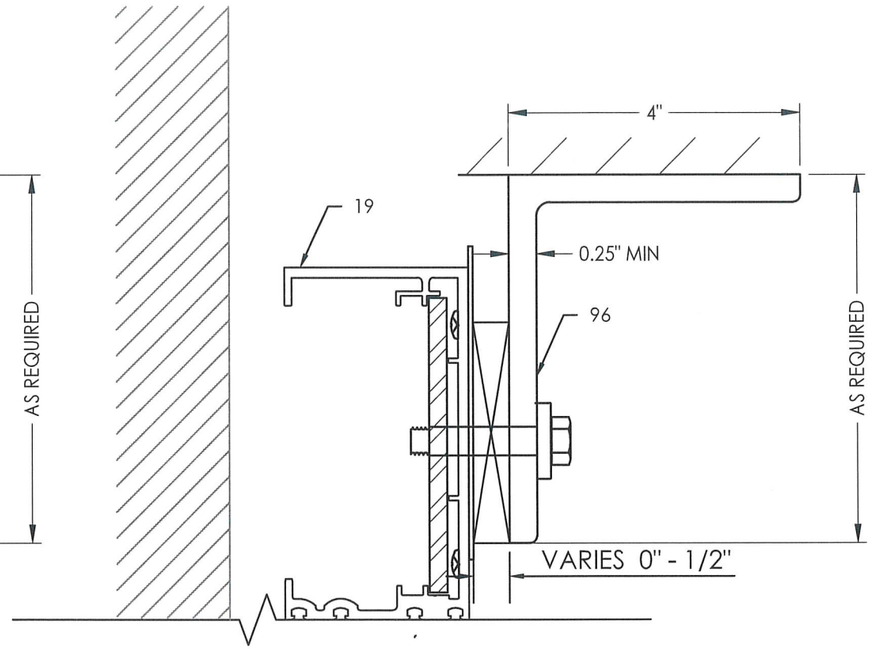
DRAWN BY: KK

SHT: 13 0

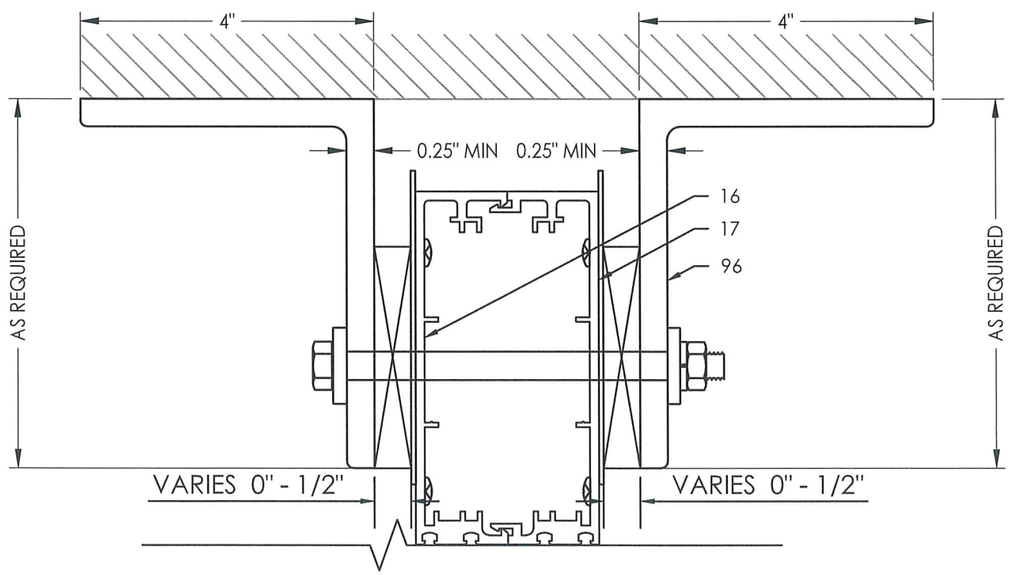
PLOT DATE: 2024-7-3



1/14 HORIZONTAL CROSS SECTION



2/14 HORIZONTAL CROSS SECTION



3/14 HORIZONTAL CROSS SECTION

NOTE :

1. Anchoring of curtain wall system to supporting structure is the responsibility of the delegated FL licensed engineer for each project.
2. Dimensions shown as tested and may be modified as specified by the architect or FL licensed engineer.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
FL PE# 82354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

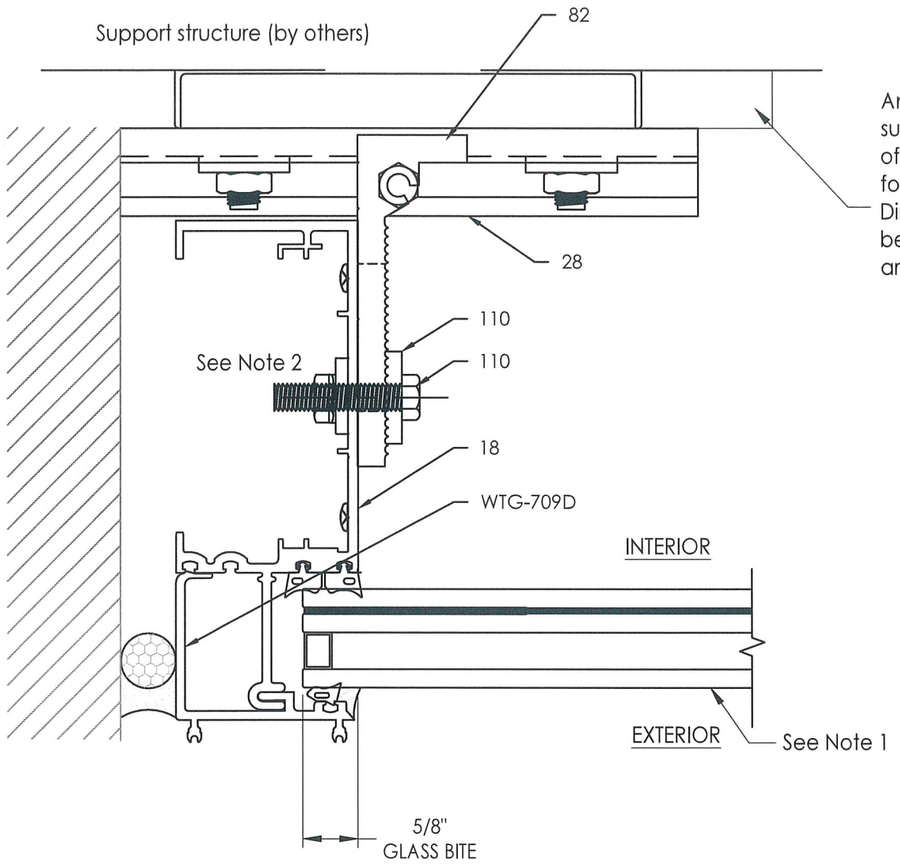
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 14

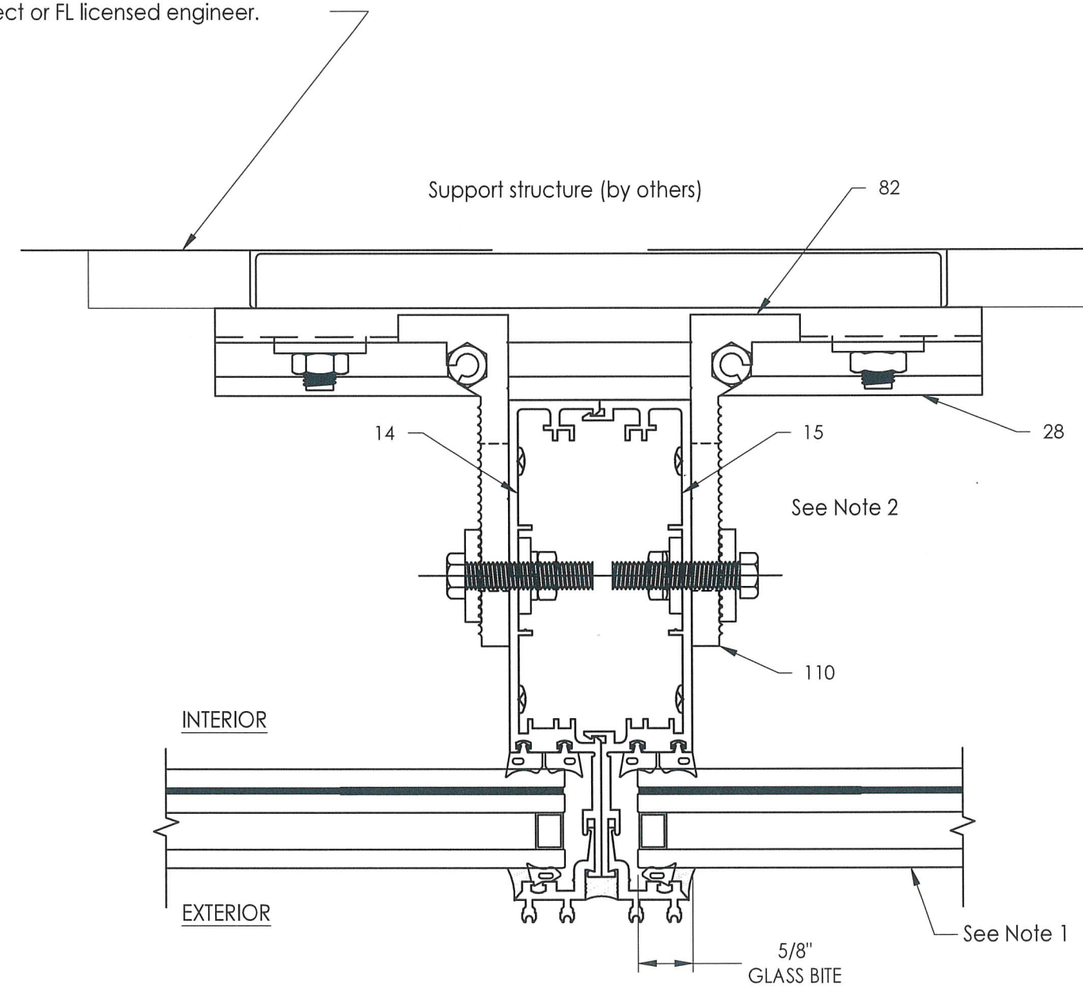
0

PLOT DATE: 2024-7-3



Anchoring of curtain wall system to supporting structure is the responsibility of the delegated FL licensed engineer for each project.
Dimensions shown as tested and may be modified as specified by the architect or FL licensed engineer.

1 / 14A ***HORIZONTAL CROSS SECTION***
Jamb @ anchor clip



2 / 14A ***HORIZONTAL CROSS SECTION***
Intermediate mullion @ anchor clip

NOTES:
1. See sheets 2, 3 & 4 for glazing option details and sheets 14 & 15 for face cover option details.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
FL PE #62354
Wolters Engineering, Inc.
FL CA #27198
15211 97th Road N.
West Palm Beach,
FL 33412

JUL 03 2024

REVISION	DESCRIPTION	REV. #	DATE
	FOR APPROVAL	00	05/31/24
		-	-
		-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

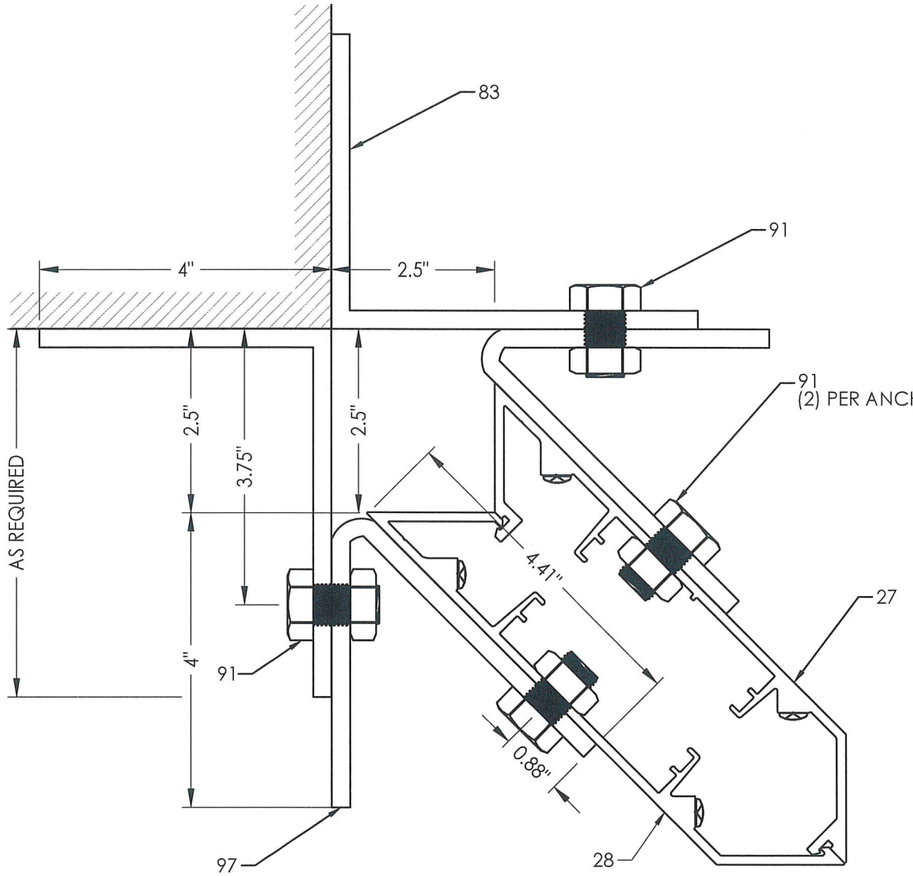
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

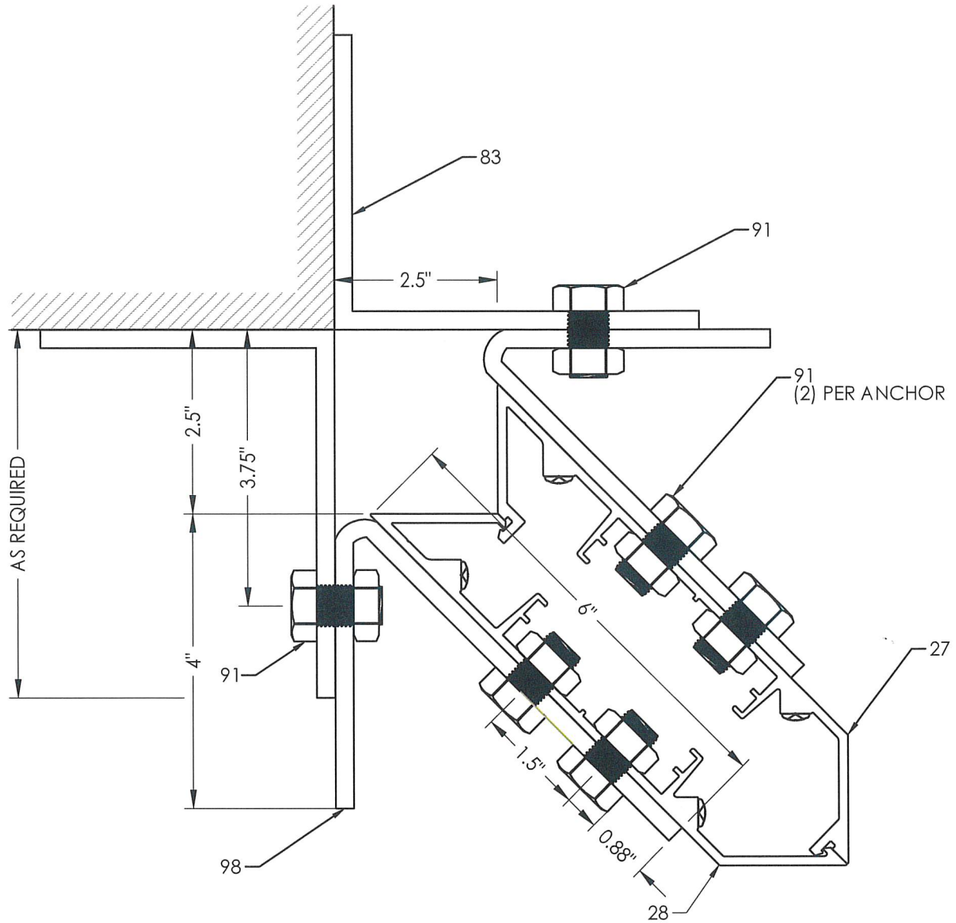
SHT: 14A

0

PLOT DATE: 2024-7-3



1 / 14B **HORIZONTAL CROSS SECTION**



2 / 14B **HORIZONTAL CROSS SECTION**

NOTE :

1. ANCHORING OF CURTAIN WALL SYSTEM TO SUPPORTING STRUCTURE IS THE RESPONSIBILITY OF THE DELEGATED FL LICENSED ENGINEER FOR EACH PROJECT.
2. DIMENSIONS SHOWN AS TESTED AND MAY BE MODIFIED AS SPECIFIED BY THE ARCHITECT OR FL LICENSED ENGINEER.

WTG 700 SERIES

ENGINEER
SCOTT WOLTERS
FL. PE #62384
(Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL. 33412

STATE OF FLORIDA
PROFESSIONAL ENGINEER
SCOTT WOLTERS
JUL 03 2024

LAST SAVE: 2024-7-2 KKHAYKHAM

REVISION	DATE	REV. #
DESCRIPTION		
FOR APPROVAL	05/31/24	00
	-	-
	-	-
	-	-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

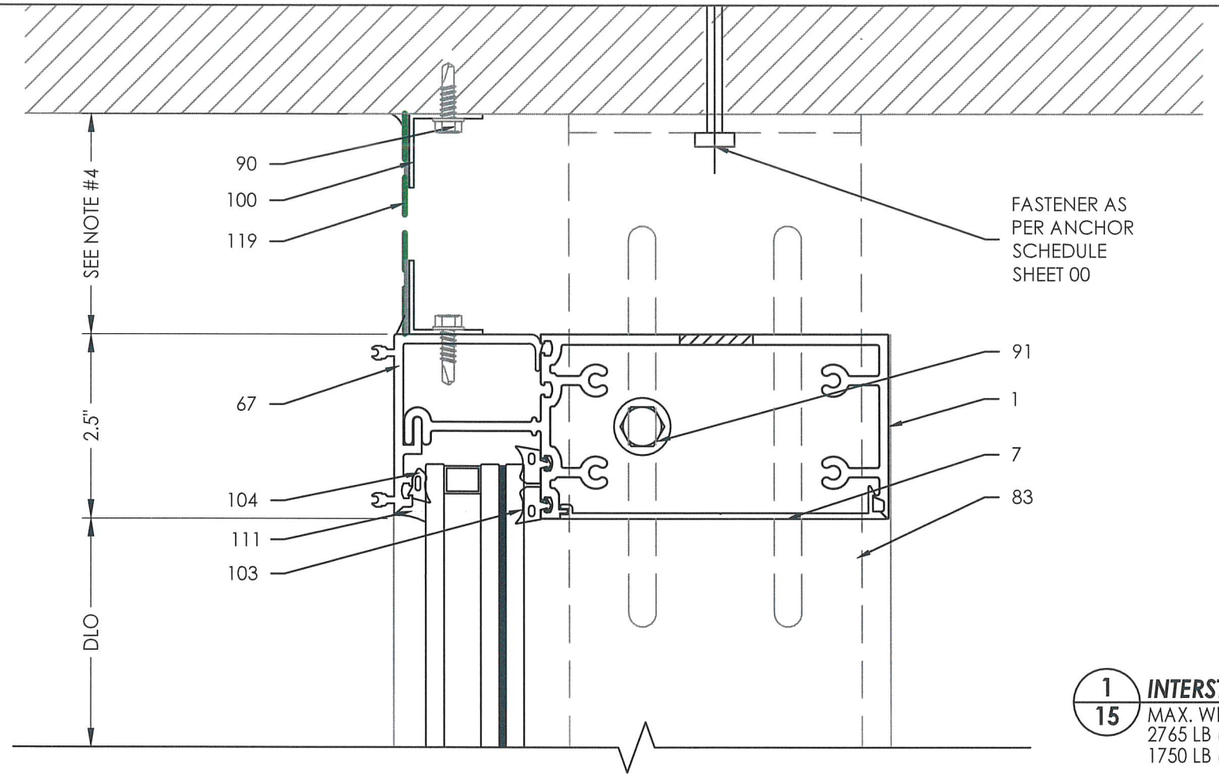
DRAWN BY: KK

SHT: 14B

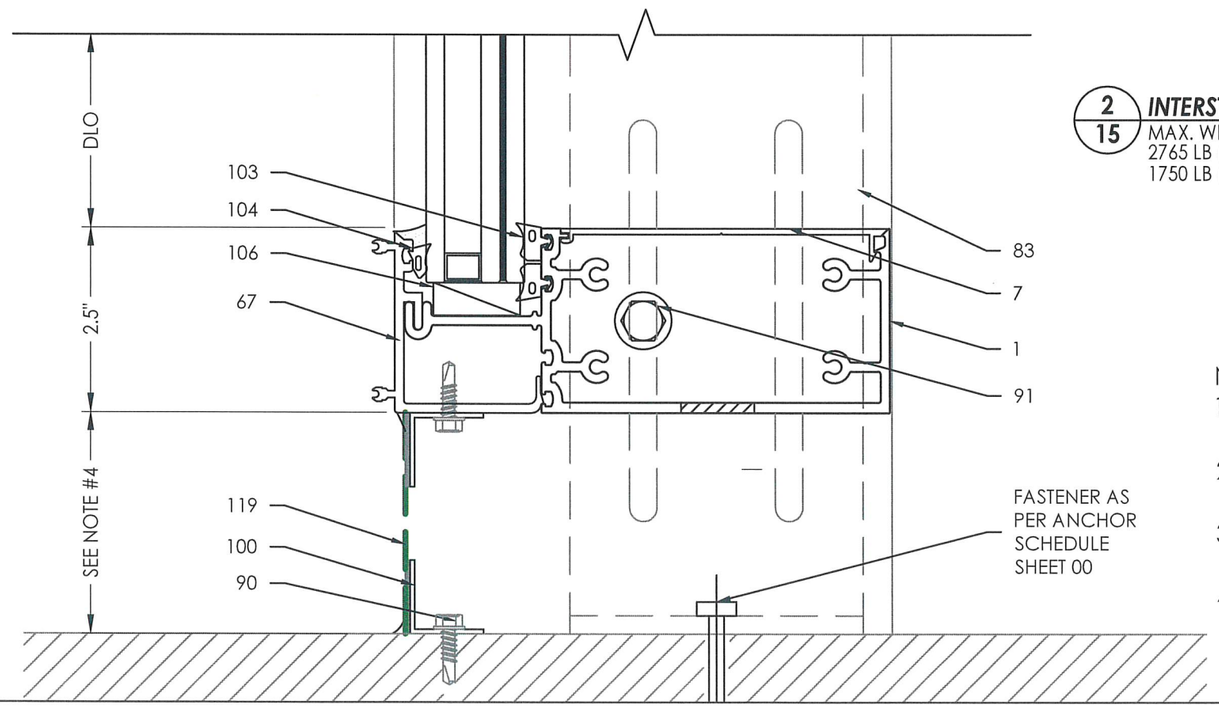
0

PLOT DATE: 2024-7-3

INTERSTORY DRIFT & SEISMIC DETAIL



1/15 **INTERSTORY HEAD**
MAX. WINDLOAD RACTION
2765 LB (CONCRETE OR 1/4 STEEL)
1750 LB (10 GA. STEEL)



2/15 **INTERSTORY SILL**
MAX. WINDLOAD RACTION
2765 LB (CONCRETE OR 1/4 STEEL)
1750 LB (10 GA. STEEL)

NOTES:

1. LMI glazing details shown for reference. See sheets 2 - 5B for glazing option details.
2. Attach horizontal mullions to vertical mullions w/ item 85 at each end.
3. Setting blocks are (2) per lite and meet the requirements of FBC Section 2411.3.3.1
4. 5" vertical joint that can move up to ± 2 1/2". Joint size can be less, if projected movement is less than 2 1/2".

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL. PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

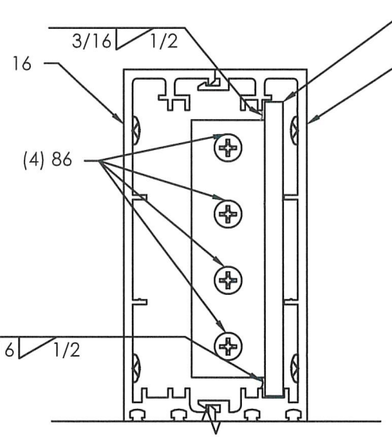
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

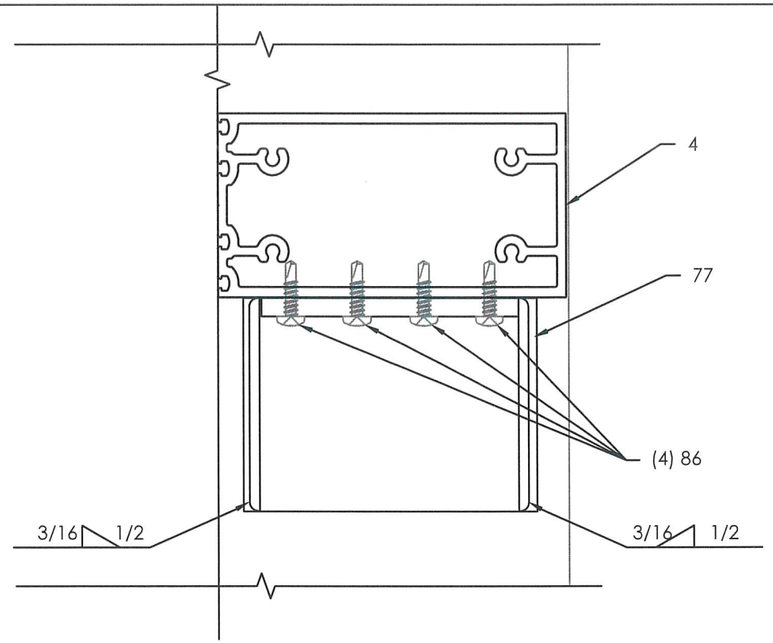
DRAWN BY: KK

SHT: 15

PLOT DATE: 2024-7-3

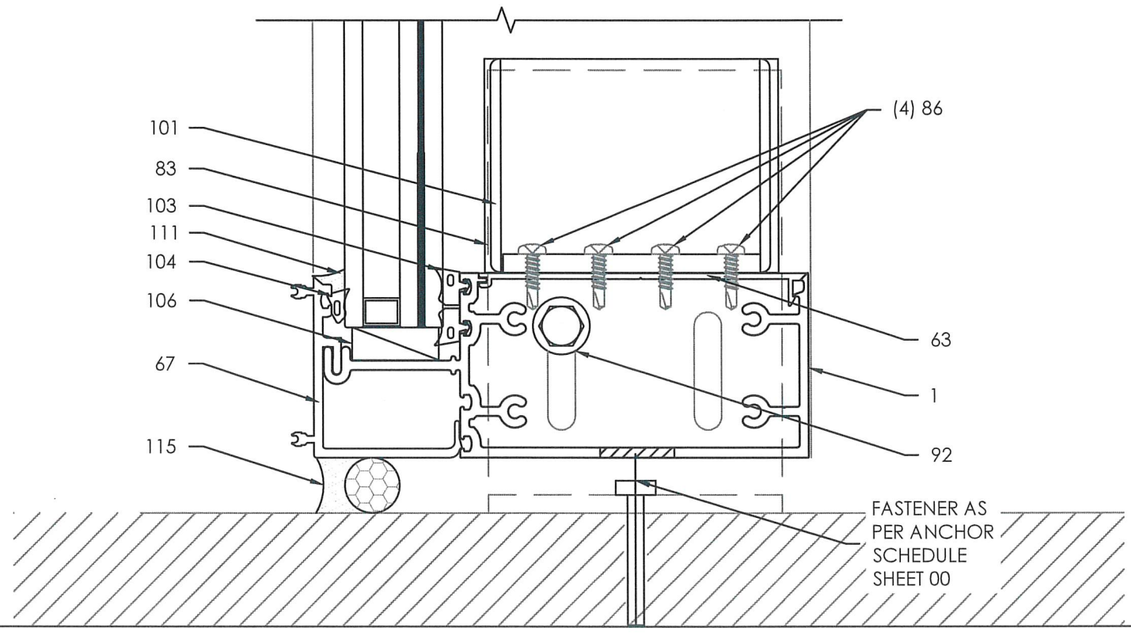


1/16 CRIPPLED MULLION PLAN



2/16 CRIPPLED MULLION SECTION

3/16 CRIPPLED MULLION SECTION



WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE #62334
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412

JUL 03 2024

REVISION	DATE	REV. #
DESCRIPTION		
FOR APPROVAL	05/31/24	00
	-	-
	-	-

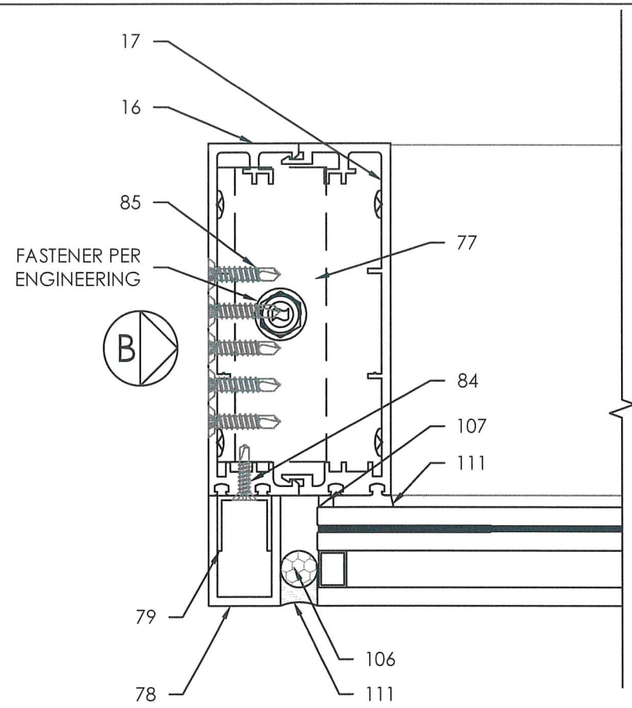
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468
WEST TAMPA GLASS CO.
SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

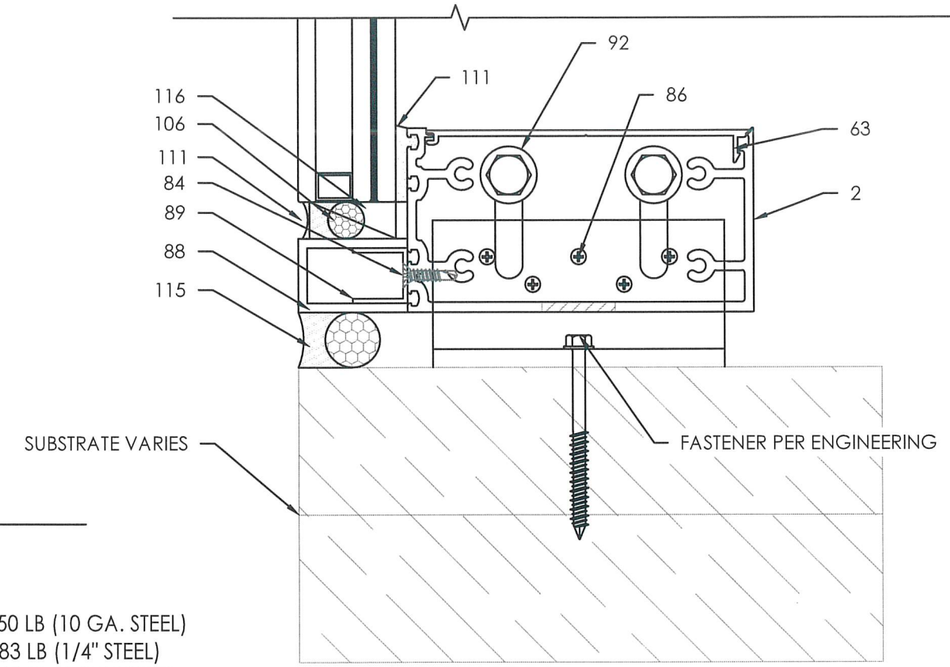
SHT: 16 0

PLOT DATE: 2024-7-3



1 / 16A **DOOR JAMB/SILL**

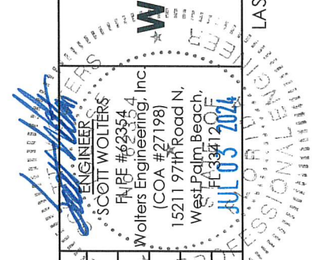
MAX. WINDLOAD REACTION = 1750 LB (10 GA. STEEL)
3483 LB (1/4" STEEL)
2040 LB (CONCRETE)



VIEW B

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM



REVISION	DATE	REV. #
DESCRIPTION		
FOR APPROVAL	05/31/24	00
	-	-
	-	-

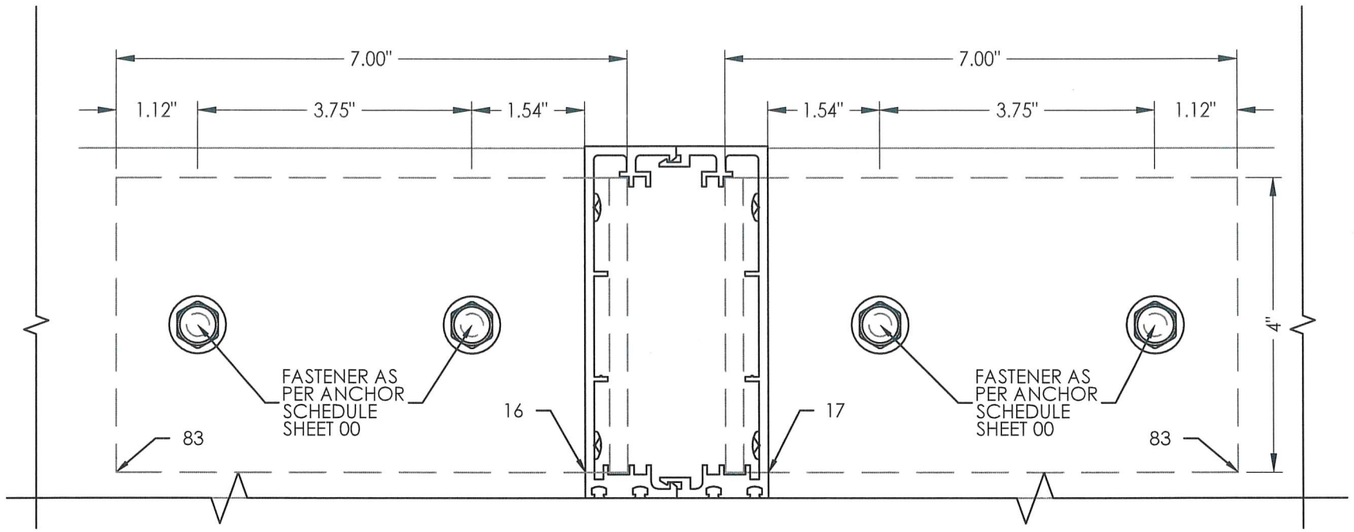
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

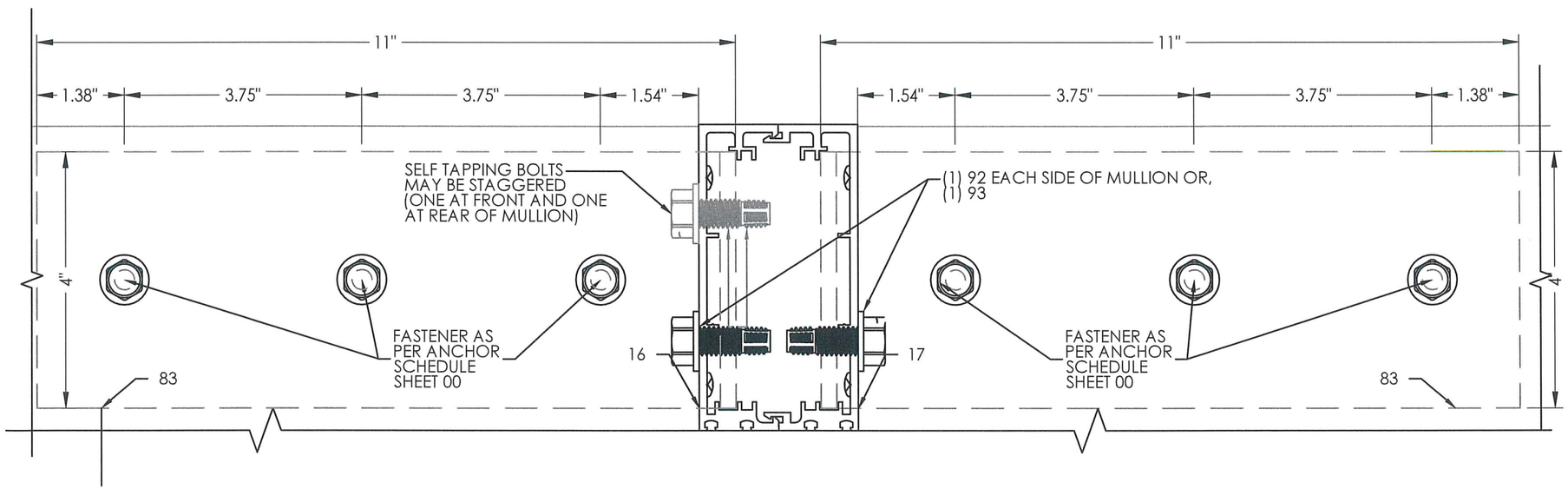
DRAWN BY: KK

SHT: 16A

PLOT DATE: 2024-7-3



1/17 C2, S2 ANCHORS



2/17 C3, S3 ANCHORS

NOTES:

1. See anchor chart, cover sheet, for fastener types, embedment, edge distance requirement.
2. Anchoring of curtain wall system to supporting structure is the responsibility of the delegated FL licensed engineer for each project.
3. Dimensions shown as tested and may be modified as specified by FL licensed engineer.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412

JUL 03 2024

REVISION	DATE	REV. #	DESCRIPTION
	05/31/24	00	FOR APPROVAL
	-	-	-
	-	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

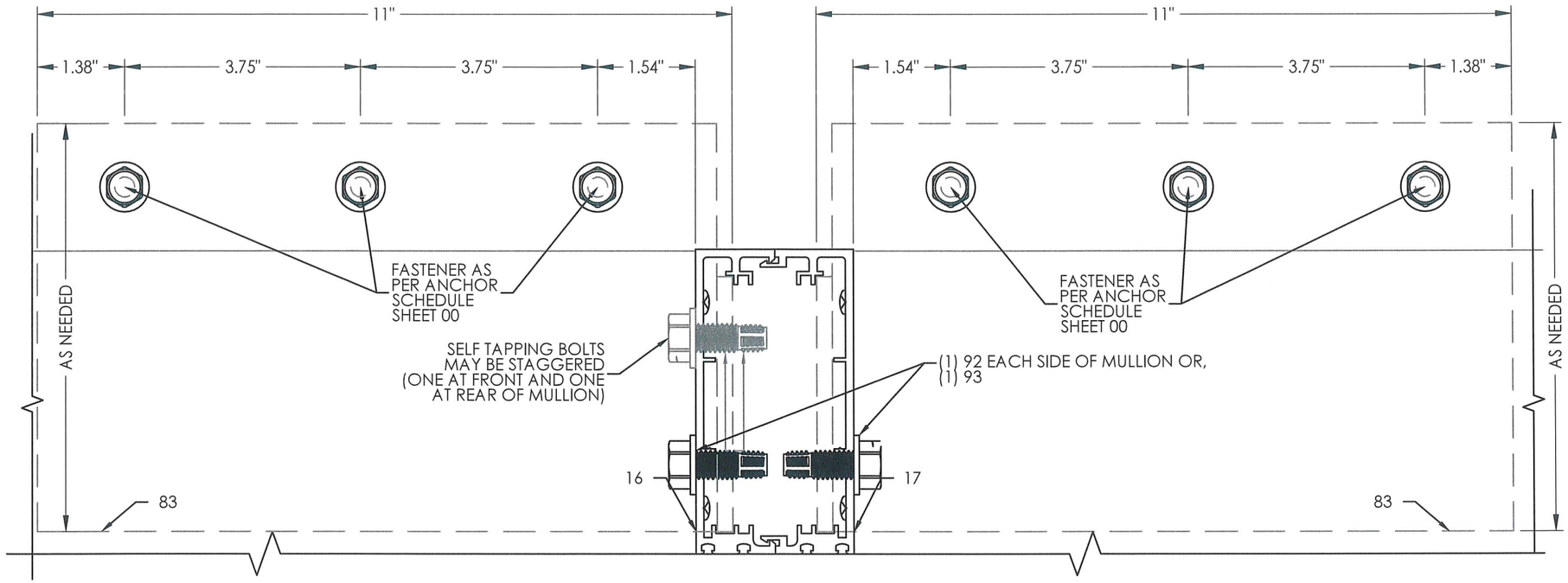
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

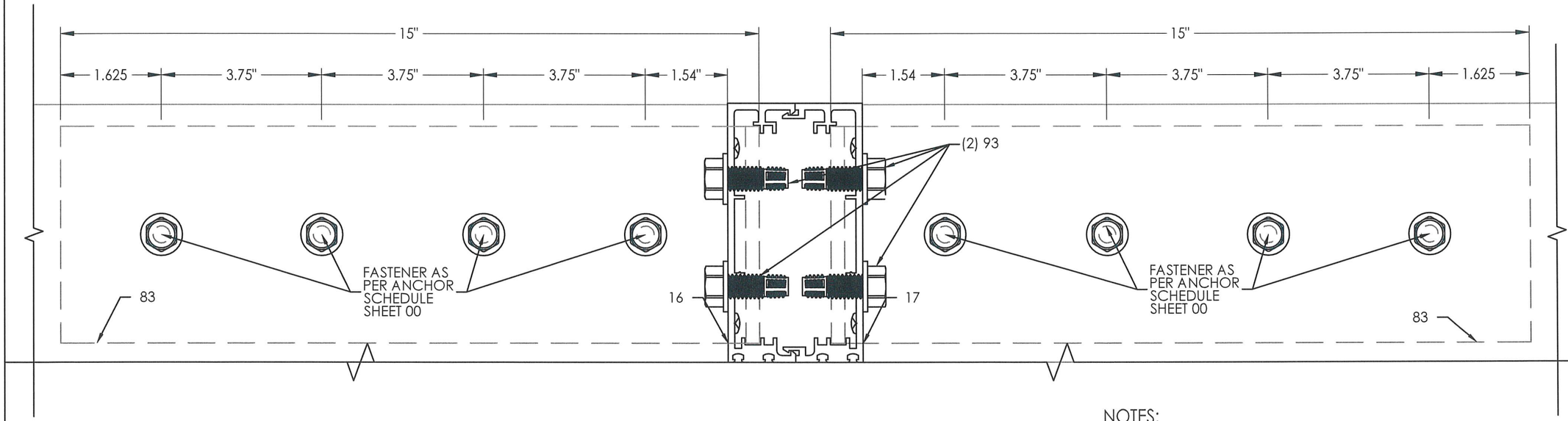
SHT: 17

0

PLOT DATE: 2024-7-3



1/17A C3, S3 ANCHORS



2/17A C4, S4 ANCHORS

NOTES:

1. See anchor chart, cover sheet, for fastener types, embedment, edge distance requirement.
2. Anchoring of curtain wall system to supporting structure is the responsibility of the delegated FL licensed engineer for each project.
3. Dimensions shown as tested and may be modified as specified by FL licensed engineer.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS ENGINEER
Scott Wolters
NCEES PE#82354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach, FL 33412
JUL 03, 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 17A

0

PLOT DATE: 2024-7-3

SINGLE SPAN MULLION CHART

HEIGHT (in)	WIDTH (in)	ALLOWABLE DESIGN PRESSURE (psf) FOR CAPTURED MULLION WTG-704/705 NO STEEL REINF. (+/-)	STEEL REINF. #2 (+/-)	STEEL REINF. #4 (+/-)	STEEL REINF. #6 (+/-)	STEEL REINF. #10 (+/-)
	60	125	125	125	125	125
	70	112	125	125	125	125
	72	65	65	90	110	110
	82 1/2	65	65	90	110	110
96	90	-	-	90	110	110
	92 1/2	-	-	-	-	100
	96	-	-	-	-	100
	48	101.8	125	125	125	125
	54	90.5	125	125	125	125
108	59	82.8	125	125	125	125
	66	65	65	90	110	110
	72	65	65	90	110	110
	80	-	-	90	110	110
	96	-	-	-	-	100
	48	82.5	110	125	125	125
	54	73.3	98.4	120	125	125
	60	65	65	90	110	110
120	66	60	65	90	110	110
	72	-	-	90	110	110
	74	-	-	-	-	100
	90	-	-	-	-	100
	42	71.4	95.5	120.2	125	125
	48	62.5	83.6	105.2	125	125
	54	55.5	65	90	110	110
132	60	50	65	84.1	101.2	110
	65 1/4	-	-	77.4	93.1	10
	65 1/2	-	-	-	92.7	110
	72	-	-	-	-	100
	78	-	-	-	-	100
	81 3/4	-	-	-	-	99.5
	37 1/2	61.6	80.1	103.5	125	125
	42	55	71.5	92.4	111.4	125
	48	48.1	62.6	80.9	97.5	110
	54	42.8	55.6	71.9	86.6	110
144	59 3/4	-	-	65	78.3	104.9
	60	-	-	-	78	104.4
	66	-	-	-	-	95
	72	-	-	-	-	87
	75 1/16	-	-	-	-	83.5
	36	56.8	73.8	90	110	110
	42	48.7	63.2	81.8	98.5	110
	48	42.6	55.3	71.6	86.2	110
	52	39.3	51.1	66	79.6	106.6
150	57 1/4	-	-	60	72.3	96.9
	57 1/2	-	-	-	72	96.4
	60	-	-	-	-	92.4
	66	-	-	-	-	84
	72	-	-	-	-	77
	36	50.5	65.6	84.8	102.2	110
	42	43.3	56.2	72.7	87.6	110
	50	36.3	47.2	61.1	73.6	98.6
156	55	-	-	55.5	66.9	89.6
	55 1/4	-	-	-	66.6	89.2
	63	-	-	-	-	78.2
	69 1/4	-	-	-	-	71.2
	36	40.4	52.5	67.9	81.8	109.6
	42	34.6	45	58.2	70.1	94
	47	31	40.2	52	62.7	84
168	51	-	-	48	57.8	77.4
	51 1/4	-	-	-	57.5	77
	56	-	-	-	-	70.5
	64 1/4	-	-	-	-	61.4
	36	-	-	55.2	66.5	89.1
	42	-	-	47.3	57	76.4
180	47 3/4	-	-	41.6	50.2	67.2
	48	-	-	-	49.9	66.8
	54	-	-	-	-	59.4
	60	-	-	-	-	53.5
	36	-	-	45.5	54.8	73.4
	42	-	-	39	47	62.9
192	44 3/4	-	-	36.6	44.1	59.1
	45	-	-	-	43.8	58.7
	50	-	-	-	-	52.9
	56 1/4	-	-	-	-	47

HEIGHT (in)	WIDTH (in)	ALLOWABLE DESIGN PRESSURE (psf) FOR SSG MULLION WTG-704BG/705BG NO STEEL REINF. (+/-)	STEEL REINF. #2 (+/-)	STEEL REINF. #4 (+/-)	STEEL REINF. #6 (+/-)	STEEL REINF. #10 (+/-)
	60	50	50	90	90	90
90	64 3/4	50	50	90	90	90
	70 1/2	-	-	90	90	90
	96	-	-	-	90	90
	58 3/4	50	50	90	90	90
99	64	-	-	90	90	90
	87 1/4	-	-	-	90	90
	89 3/4	-	-	-	-	90
	54	50	50	90	90	90
108	58 3/4	-	-	90	90	90
	80	-	-	-	90	90
	82 1/4	-	-	-	-	90
	48 1/2	50	50	90	90	90
120	52 3/4	-	-	90	90	90
	72	-	-	-	90	90
	74	-	-	-	-	90
	41 1/2	50	50	90	90	90
	45	46.5	50	90	90	90
129 1/2	48	-	-	87.3	90	90
	60	-	-	-	89.5	88.6
	66 1/2	-	-	-	80.8	80
	68 1/2	-	-	-	-	-
	36	50	50	90	90	90
	40	49.4	50	90	90	90
132	44	44.9	50	90	90	90
	48	-	-	84.1	90	90
	56	-	-	-	90	90
	60	-	-	-	84.5	90
	65 1/4	-	-	-	77.7	90
	67 1/4	-	-	-	-	90
	36	42.3	50	86.4	90	90
	40 1/4	37.8	50	77.3	90	90
	44	-	-	70.7	90	90
144	48	-	-	-	81.2	90
	54	-	-	-	72.2	90
	60	-	-	-	65	90
	61 3/4	-	-	-	-	89
	36	41.2	50	84.2	90	90
	40	37.1	50	75.8	90	90
	43 1/2	-	-	69.7	90	90
145 1/4	48	-	-	-	79.2	90
	54	-	-	-	70.4	90
	59 1/2	-	-	-	63.8	90
	61 1/4	-	-	-	-	86.8
	36	37.4	50	76.4	90	90
	38 3/4	34.7	46.4	71	89	90
	42 1/4	-	-	65.1	81.6	90
150	48	-	-	-	71.9	90
	54	-	-	-	63.9	89.4
	57 1/2	-	-	-	60	83.9
	59 1/4	-	-	-	-	81.5
	36	34.2	45.7	70	87.7	90
	37 1/2	32.8	43.9	67.2	84.2	90
154 1/2	41	-	-	61.4	77	90
	49	-	-	-	65.8	90
	55 3/4	-	-	-	56.6	79.2
	57 1/2	-	-	-	-	76.8
	36	29.7	39.7	60.7	76.1	90
	39	-	-	56	70.2	90
162	42	-	-	-	65.2	90
	48	-	-	-	57	79.8
	53 1/4	-	-	-	51.4	72
	55	-	-	-	-	69.6
	36	-	-	54.4	68.2	90
	37 3/4	-	-	51.9	65	90
168	45	-	-	-	54.5	76.3
	51 1/4	-	-	-	47.9	67
	53	-	-	-	-	64.8

NOTE :
SHADED VALUES ARE APPROVED FOR USE OUTSIDE OF THE HVHZ ONLY.

REINFORCEMENT LEGEND
0 NO REINFORCEMENT
2 (2) 1/8" STEEL BARS
4 (2) 1/4" STEEL BARS
6 (2) 1/8" + (2) 1/4" STEEL BARS
8 (4) 1/4" STEEL BARS
10 (2) 1/8" + (4) 1/4" STEEL BARS
12 (4 1/8" + (4) 1/4" STEEL BARS
NOTE: STEEL DEPTH DETERMINED BY SYSTEM. WTG-700 = 4" WTG-900 = 7"

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
FL PE #62334
Wolters Engineering, Inc.
(COA #27198)
15211 97TH Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #
DESCRIPTION		
FOR APPROVAL	05/31/24	00
		-
		-

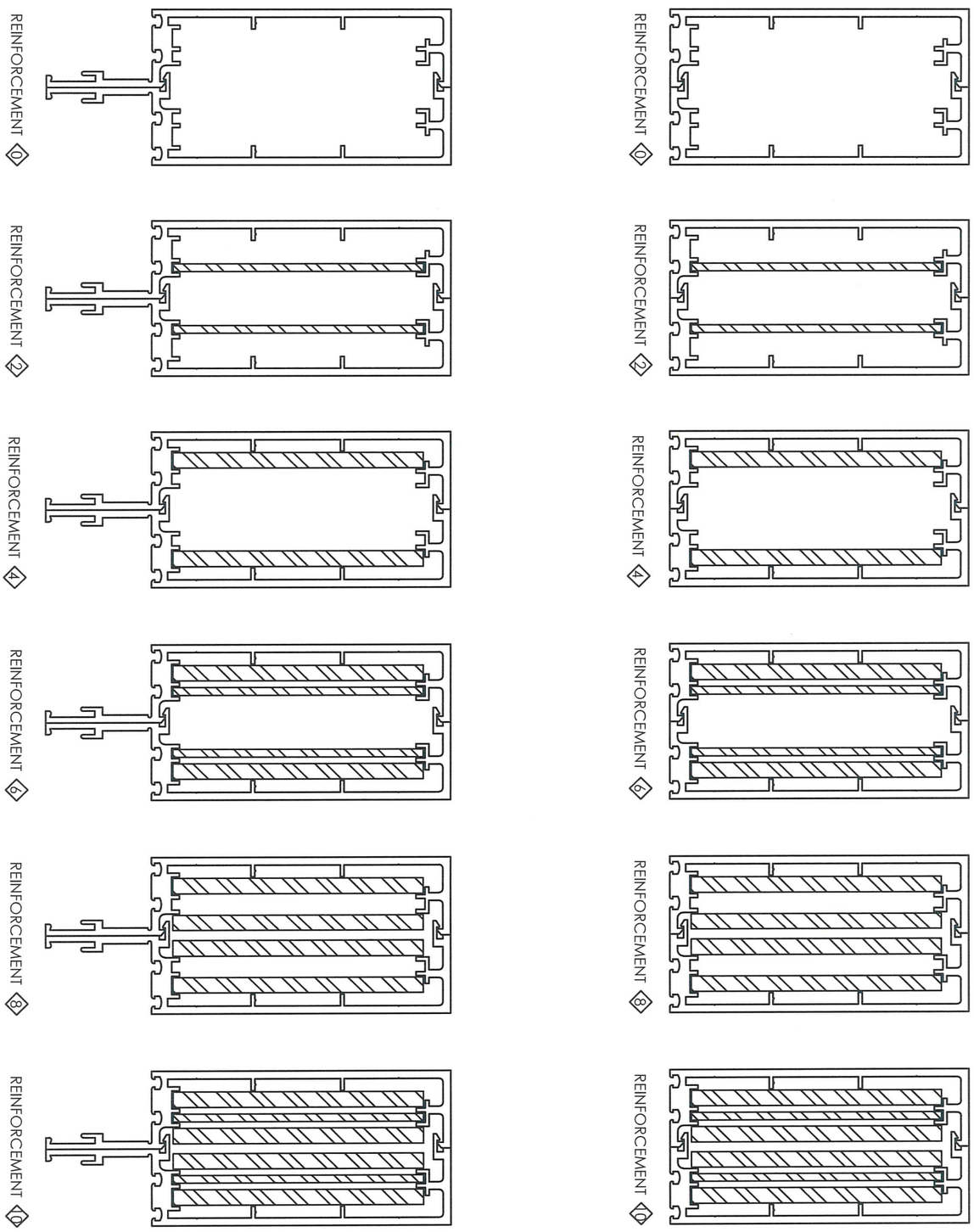
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 18 | 0

PLOT DATE: 2024-7-3



SHT: 18A

DRAWN BY: KK

0

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

REVISION		
DATE	REV. #	DESCRIPTION
05/31/24	00	FOR APPROVAL
-	-	
-	-	

ENGINEER
SCOTT WOLTERS
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412

STATE OF FLORIDA SCOTT WOLTERS No. 62354 PROFESSIONAL ENGINEER

JUL 03 2024

WTG 700 SERIES

PLOT DATE: 2024-7-3

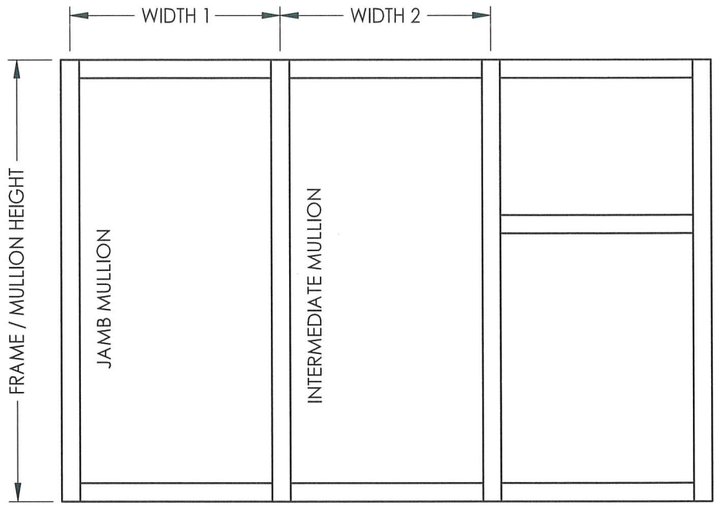
LAST SAVE: 2024-7-2 KKHAYKHAM

SINGLE SPAN JAMB MULLION CHART

		ALLOWABLE DESIGN PRESSURE (psf)					
		CAPTURED JAMB MULLION WTG-706D			SSG JAMB MULLION WTG-706BG		
HEIGHT (in)	WIDTH (in)	NO STEEL REINF (+/-)	STEEL REINF #2 (+/-)	STEEL REINF #4 (+/-)	NO STEEL REINF (+/-)	STEEL REINF #2 (+/-)	STEEL REINF #4 (+/-)
96	60	125	125	125	90	90	90
	66	125	125	125	50	90	90
	72	110	110	110	50	50	90
	84	110	110	110	-	-	90
	90	110	110	110	-	-	90
108	54	125	125	125	90	90	90
	58 3/4	125	125	125	50	90	90
	72	110	110	110	50	50	90
	80	110	110	110	-	-	90
120	54	110	125	125	67.3	90	90
	60	105.8	110	110	75.9	90	90
	66	96.2	110	110	50	90	90
	72	86.2	110	110	50	50	90
	84	-	-	-	-	-	90
132	42	110	125	125	84.9	90	90
	48	99.2	125	125	72.8	90	90
	54	88.2	110	110	61.4	90	90
	60	79.4	110	110	50	90	90
	65 1/4	73	103.7	110	50	50	90
	72	-	-	-	-	-	90
144	36	102	125	125	67.5	90	90
	42	87.4	123.7	125	57.9	90	90
	48	76.5	108.2	110	52.6	90	90
	54	68	96.2	110	50	90	90
	60	61.2	86.6	110	45	50	90
	66	-	-	-	-	-	90
156	36	80.2	113.5	125	63.8	90	90
	42	68.7	97.3	110	54.7	90	90
	48	60.1	85.1	108.1	45	90	90
	55 1/4	52.3	74	93.9	43.3	50	90
	60	-	-	-	-	-	90
168	36	64.2	90.9	110	47.9	85	90
	42	55	77.9	98.9	41.8	74.2	90
	48	48.1	68.1	86.6	35.9	50	90
	51 1/4	45.1	63.8	81.1	-	-	90
180	36	52.2	73.9	93.8	43.5	77.2	90
	42	44.7	63.3	80.4	39.4	69.9	90
	48	39.1	55.4	70.4	37.9	67.4	90
	54	-	-	-	33.6	50	90
	60	-	-	-	-	-	90
192	36	43	60.9	77.3	40	70.6	90
	42	36.9	52.2	66.3	38.1	65.6	90
	45	34.4	48.7	61.8	35.5	63.2	90
	48	-	-	-	31.6	50	90
	54	-	-	-	-	-	90
	60	-	-	-	-	-	90

		ALLOWABLE DESIGN PRESSURE (psf)					
		CAPTURED JAMB MULLION WTG-706D			SSG JAMB MULLION WTG-706BG		
HEIGHT (in)	WIDTH (in)	NO STEEL REINF (+/-)	STEEL REINF #2 (+/-)	STEEL REINF #4 (+/-)	NO STEEL REINF (+/-)	STEEL REINF #2 (+/-)	STEEL REINF #4 (+/-)
90	66 1/2	125	125	125	90	90	90
	69	125	125	125	50	90	90
	77 1/2	110	110	110	50	50	90
	82 1/4	110	110	110	-	-	90
99	48	125	125	125	90	90	90
	60 1/2	125	125	125	90	90	90
	62 3/4	125	125	125	50	90	90
	70 1/2	110	110	110	50	50	90
	74 3/4	110	110	110	-	-	90
108	48	110	125	125	67.3	90	90
	55 1/4	105.8	110	110	75.9	90	90
	57 1/2	96.2	110	110	50	90	90
	64 3/4	86.2	110	110	50	50	90
	68 1/2	-	-	-	-	-	90
120	36	110	125	125	84.9	90	90
	42	99.2	125	125	72.8	90	90
	49 3/4	88.2	110	110	61.4	90	90
	51 3/4	79.4	110	110	50	90	90
	58 1/4	73	103.7	110	50	50	90
	61 3/4	-	-	-	-	-	90
129 1/2	36	102	125	125	67.5	90	90
	42	87.4	123.7	125	57.9	90	90
	46 1/4	76.5	108.2	110	52.6	90	90
	48	68	96.2	110	50	90	90
	54	61.2	86.6	110	45	50	90
	57 1/4	-	-	-	-	-	90
132	36	80.2	113.5	125	63.8	90	90
	42	68.7	97.3	110	54.7	90	90
	45	60.1	85.1	108.1	51	90	90
	47	55.2	78.1	99.4	48.8	86.8	90
	53	48.1	68.1	86.6	43.3	50	90
	56	45.1	63.8	81.1	-	-	90
145 1/4	36	73.9	93.8	93.8	47.9	85	90
	41 1/4	63.3	80.4	80.4	41.8	74.2	90
	42 3/4	55.4	70.4	70.4	40.3	71.6	90
	48	52.2	66.3	66.3	35.9	50	90
	51	48.7	61.8	61.8	-	-	90
150	36	60.9	77.3	77.3	43.5	77.2	90
	39 3/4	52.2	66.3	66.3	39.4	69.9	90
	41 1/4	48.7	61.8	61.8	37.9	67.4	90
	46 1/2	43.3	55	55	33.6	50	90
	49 1/4	-	-	-	-	-	90
154 1/2	36	52.2	66.3	66.3	40	70.6	90
	38 3/4	48.7	61.8	61.8	37.1	65.6	90
	40 1/4	46.4	58.9	58.9	35.5	63.2	90
	45 1/4	41.4	52.5	52.5	31.6	50	90
	48	-	-	-	-	-	90
166	36	45.1	57.2	57.2	30.9	55	90
	37	44.2	56.1	56.1	30.1	53.4	90
	41 1/2	40.6	51.5	51.5	26.8	47.6	81
	44	-	-	-	-	-	76.3

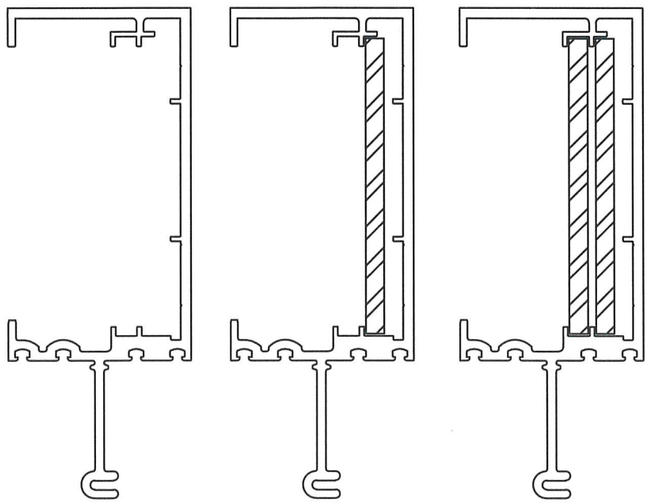
NOTE :
SHADED VALUES ARE APPROVED FOR USE OUTSIDE OF THE HVHZ ONLY.



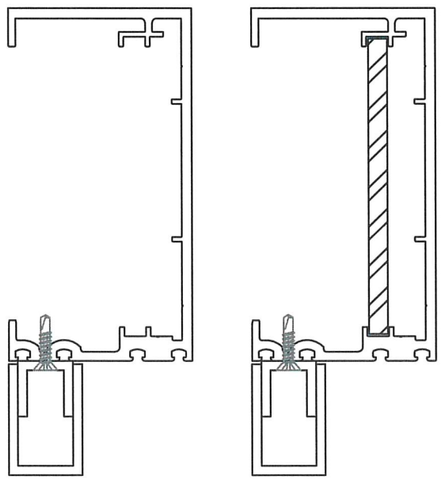
JAMB MULLION SPACING = WIDTH

INTERMEDIATE MULLION SPACING = $\frac{\text{WIDTH 1} + \text{WIDTH 2}}{2}$

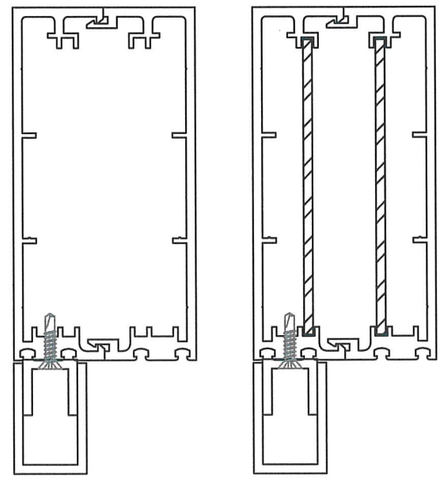
NOTE :
JAMB MULLION DEFLECTIONS AND CAULK JOINT WIDTHS MUST MEET THE MANUFACTURE'S RECOMMENDATIONS AND ASTM C1472.



REINFORCEMENT ◇0 REINFORCEMENT ◇2 REINFORCEMENT ◇4



REINFORCEMENT ◇0 REINFORCEMENT ◇2



REINFORCEMENT ◇0 REINFORCEMENT ◇2

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #
DESCRIPTIION		
FOR APPROVAL	05/31/24	00
		-
		-
		-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

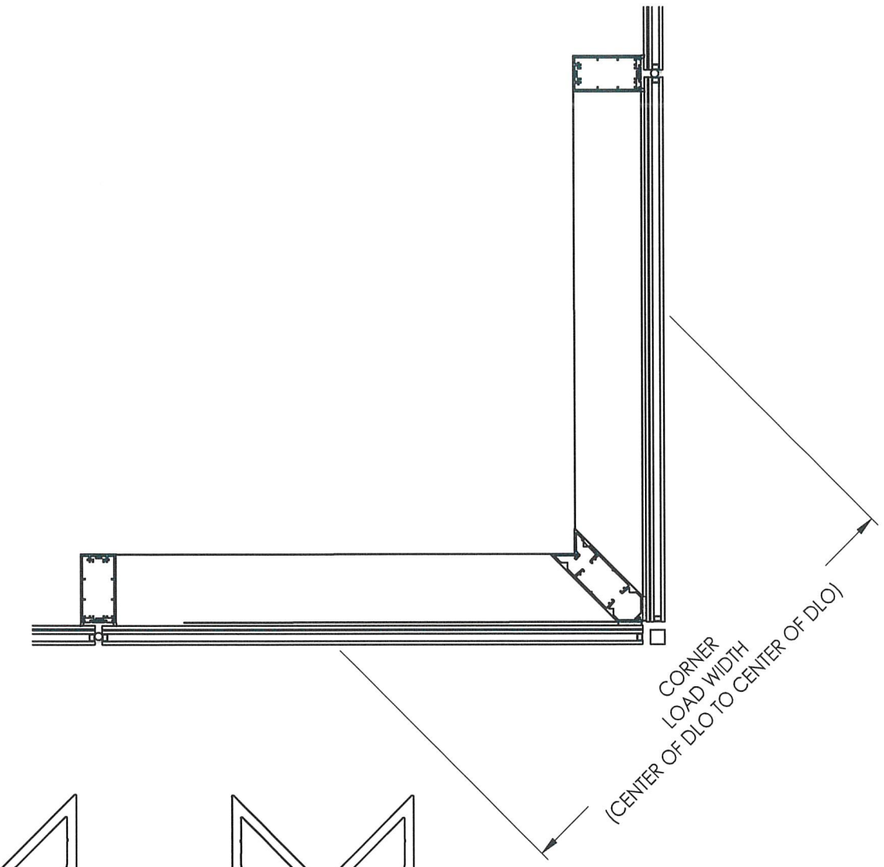
DRAWN BY: KK

SHT: 18B ◇0

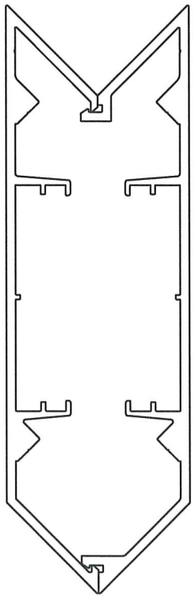
PLOT DATE: 2024-7-3

SINGLE SPAN CORNER MULLION CHART			
ALLOWABLE DESIGN PRESSURE (psf)			
		CORNER MULLION WTG-717/718	
		STEEL REINF.	STEEL REINF.
HEIGHT (in)	WIDTH (in)	#8 (+/-)	#C (+/-)
96	54	90	90
	69	90	90
108	48	90	90
	61 1/4	90	90
120	48	90	90
	55 1/4	90	90
132	42	90	90
	50	90	90
144	36	90	90
	46	90	90
154 1/2	33 1/2	78.3	90
	34 1/2	76	90
	42 3/4	61.3	72.6
168	30 3/4	66.3	78.5
	31 3/4	64.3	76
	39 1/4	52	51.5
180	28 3/4	57.5	68.3
	29 1/2	56.2	66.5
	36 3/4	45.1	53.4
192	27	50.6	59.9
	27 3/4	49.2	58.3
	34 1/2	39.6	46.9

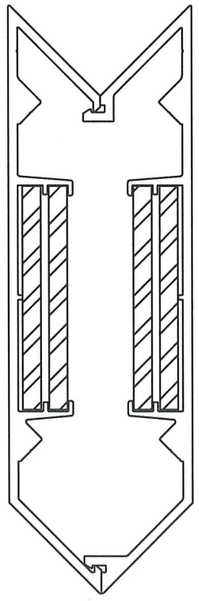
CORNER MULLION WIDTH IS THE PROJECTED WIDTH PERPENDICULAR TO THE CORNER MULLION.



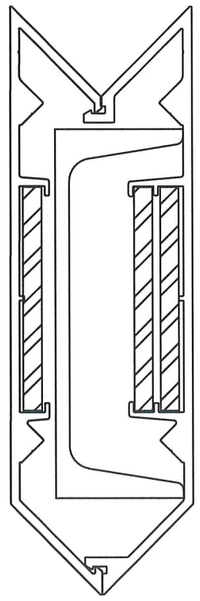
CORNER MULLION REINFORCEMENT STEEL
3" x 1/4" STEEL BARS



REINFORCEMENT ⓪



REINFORCEMENT ⑧



REINFORCEMENT ©

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
NEL PE # 62384
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03, 2024

REVISION			
DESCRIPTION	REV. #	DATE	
FOR APPROVAL	00	05/31/24	
		-	
		-	
		-	

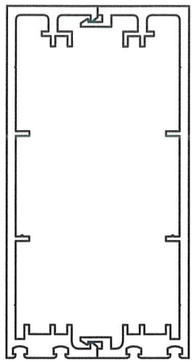
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

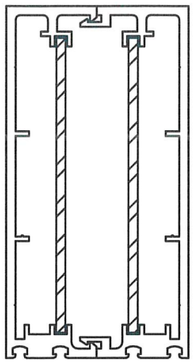
DRAWN BY: KK

SHT: 18C ⓪

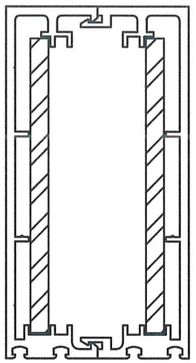
PLOT DATE: 2024-7-3



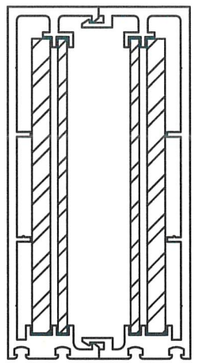
REINFORCEMENT ◇0



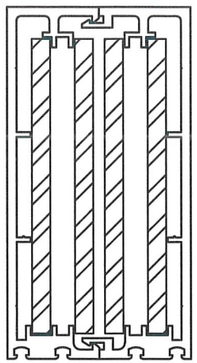
REINFORCEMENT ◇2



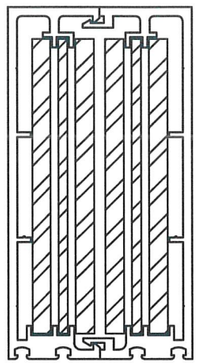
REINFORCEMENT ◇4



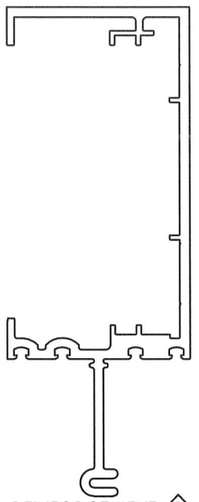
REINFORCEMENT ◇6



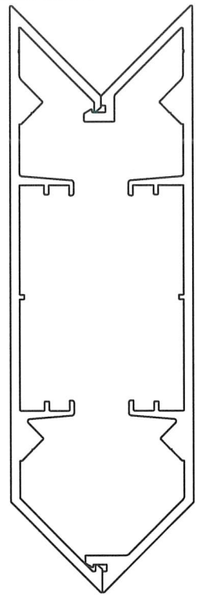
REINFORCEMENT ◇8

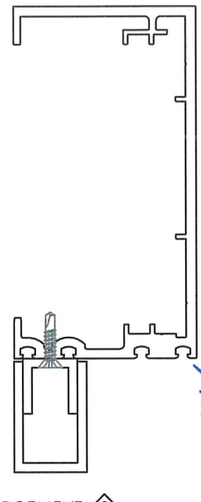


REINFORCEMENT ◇10

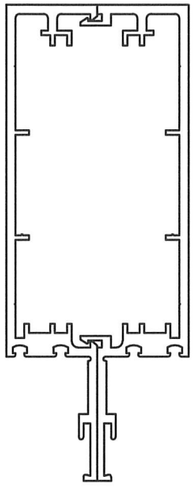


REINFORCEMENT ◇0

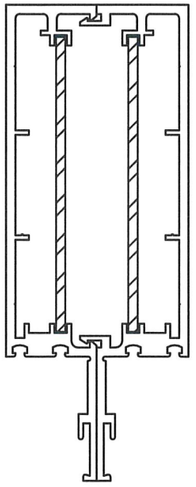




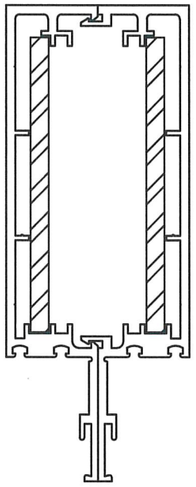
REINFORCEMENT ◇0



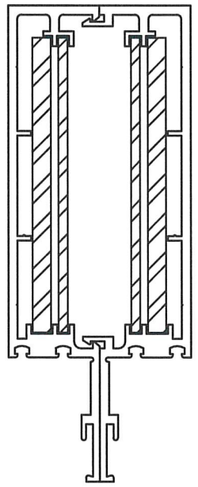
REINFORCEMENT ◇0



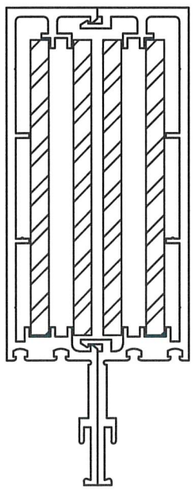
REINFORCEMENT ◇2



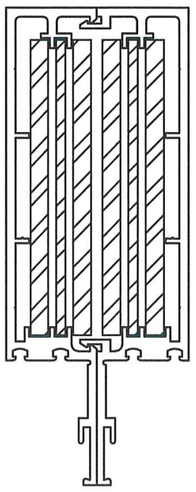
REINFORCEMENT ◇4



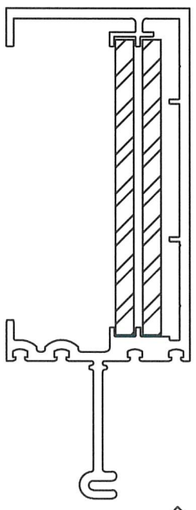
REINFORCEMENT ◇6



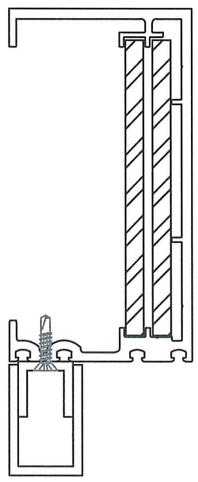
REINFORCEMENT ◇8



REINFORCEMENT ◇10



REINFORCEMENT ◇4



REINFORCEMENT ◇4

MULTI-SPAN MULLION LIMITATIONS

MAX DESIGN PRESSURE = +/-90 psf:

VERTICAL MULLIONS MUST MEET ALL OF THE FOLLOWING REQUIREMENTS:

1. IN THE HVHZ, THE MAXIMUM ANCHOR-TO-ANCHOR SPAN = 144"
2. MAX. DEFLECTION = L/180.
3. MAX. TRIB. AREA FOR:
   - CAPT'D or SSG MULLION = 60 ft^2.
   - CAPT'D or SSG JAMB = 31.25 ft^2.
   - CORNER MULLION = 50 ft^2.
4. MAX. BENDING MOMENTS:
   - CAPT'D or SSG MULLION WITH:
     - NO STEEL = 55,647 in-lb.
     - #4 REINF. = 68,442 in-lb.
     - #6 REINF. = 84,197 in-lb.
     - #10 REINF. = 88,945 in-lb.
   - CAPT'D JAMB MULLION WITH:
     - NO STEEL = 43,782 in-lb.
   - SSG MULLION WITH:
     - NO STEEL = 38,261 in-lb.
     - # 2 REINF. = 46,323 in-lb.
   - CORNER MULLION WITH:
     - NO STEEL = 74,260 in-lb.
5. MAX. WINDLOAD REACTION AT:
   - HEAD/SILL ANCHOR: 2583 lb.
   - MID-SPAN ANCHOR: 7495 lb.

MAX DESIGN PRESSURE = +/-85 psf:

VERTICAL MULLIONS MUST MEET ALL OF THE FOLLOWING REQUIREMENTS:

1. IN THE HVHZ, THE MAXIMUM ANCHOR-TO-ANCHOR SPAN = 167 1/4"
2. MAX. DEFLECTION = L/180.
3. MAX. TRIB. AREA FOR:
   - CAPT'D or SSG MULLION = 69.7 ft^2.
   - CAPT'D or SSG JAMB = 36.3 ft^2.
4. MAX. BENDING MOMENTS:
   - CAPT'D or SSG MULLION WITH:
     - NO STEEL = 55,957 in-lb.
     - #4 REINF. = 68,442 in-lb.
     - #6 REINF. = 84,197 in-lb.
     - #8 REINF. = 137,471 in-lb.
     - #10 REINF. = 137,471 in-lb.
   - CAPT'D or SSG JAMB MULLION WITH:
     - NO STEEL = 43,782 in-lb.
     - #4 STEEL = 63,050 in-lb.
     - # 4A REINF. = 63,050 in-lb.
5. MAX. WINDLOAD REACTION AT:
   - HEAD/SILL ANCHOR: 2583 lb.
   - MID-SPAN ANCHOR: 7495 lb.

MULTI-SPAN NOTES:

1. MULLION TRIB. AREA IS THE SPAN-TO-SPAN ANCHOR HEIGHT x MULLION SPACING.
2. CORNER MULLION TRIB. AREA IS BASED ON THE PROJECTED AREA PERPENDICULAR TO MULLION.
3. OUTSIDE OF THE HVHZ, THE ANCHOR-TO-ANCHOR SPANS ARE UNLIMITED. (MULLIONS MUST MEET ALL OTHER CRITERIA)

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

STATE OF FLORIDA PROFESSIONAL ENGINEER
SCOTT WOLTERS
ENGINEER
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412
JUL 03 2024

REVISION			
REV. #	DESCRIPTION	DATE	
00	FOR APPROVAL	05/31/24	
-		-	
-		-	

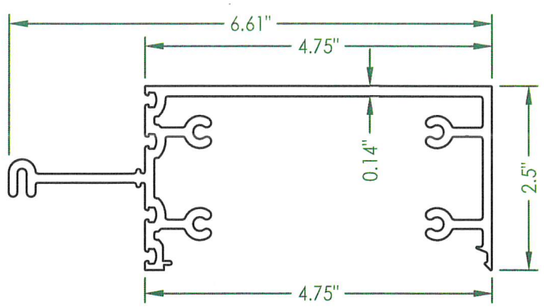
WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

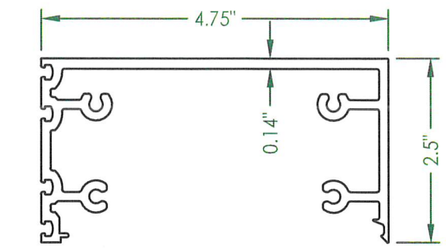
DRAWN BY: KK

SHT: 18D ◇0

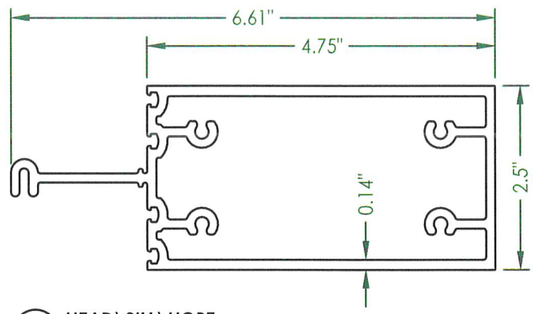
PLOT DATE: 2024-7-3



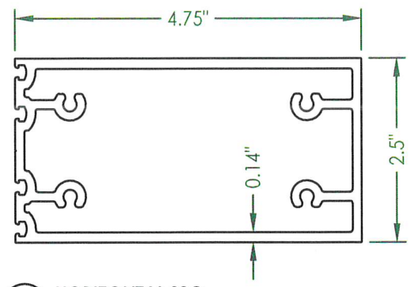
1 HEAD\SILL\HORZ
700



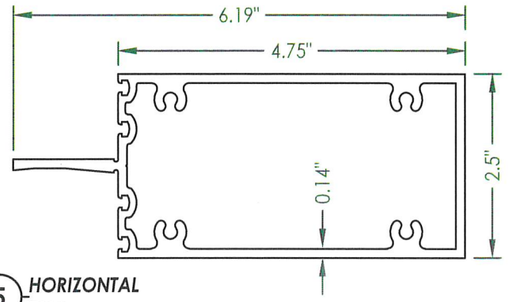
2 HEAD\SILL\HORZ SSG
700BG



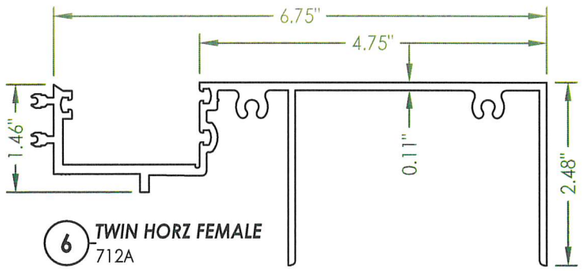
3 HEAD\SILL\HORZ
701



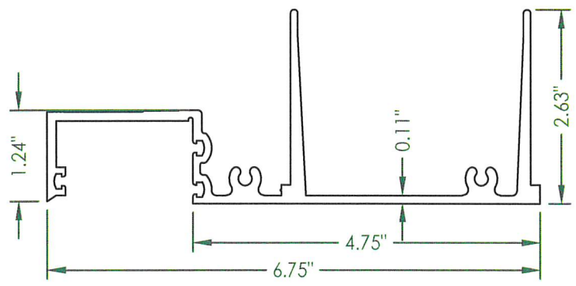
4 HORIZONTAL SSG
701BG



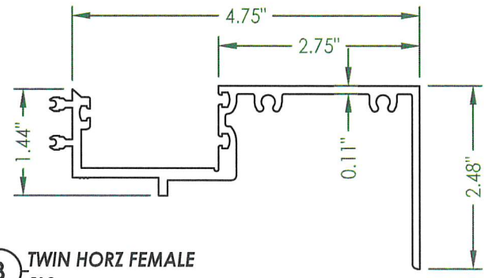
5 HORIZONTAL
701A



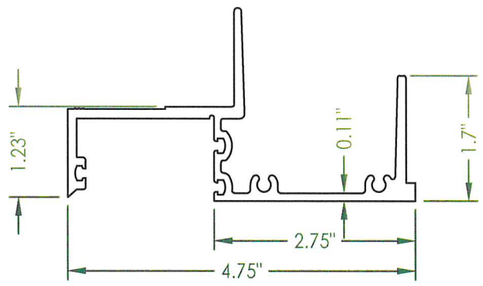
6 TWIN HORZ FEMALE
712A



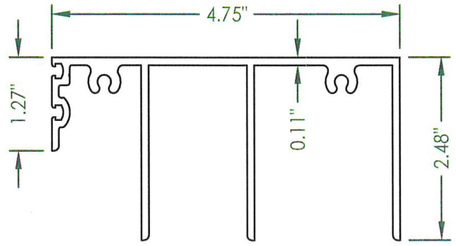
7 TWIN HORZ MALE
713



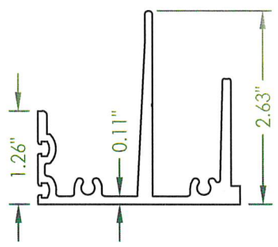
8 TWIN HORZ FEMALE
512



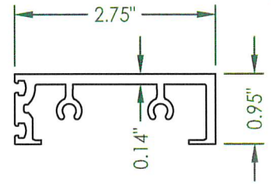
9 TWIN HORZ MALE
513



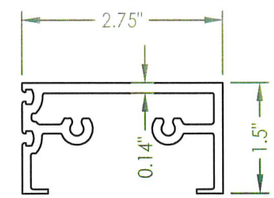
10 TWIN HORZ FEMALE SSG
712BG



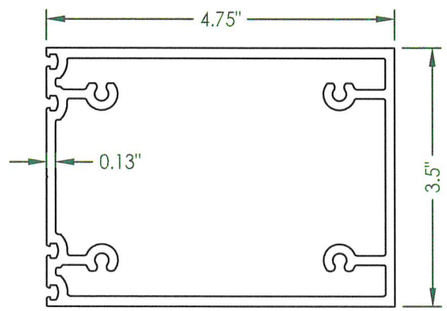
11 TWIN HORZ MALE SSG
513BG



12 TWIN HORZ
540



13 TWIN HORZ
541



118 HORZ SSG 3 1/2"

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE # 62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JULY 03 2024

REVISION	DATE	REV. #
DESCRIPTION		
FOR APPROVAL	05/31/24	00
	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

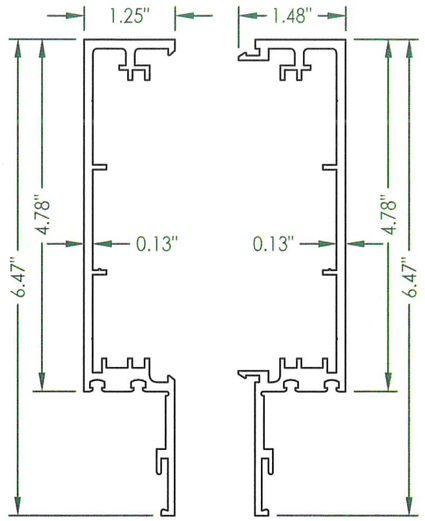
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 19

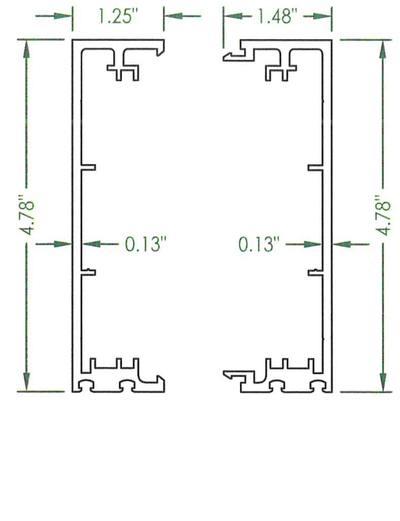
0

PLOT DATE: 2024-7-3



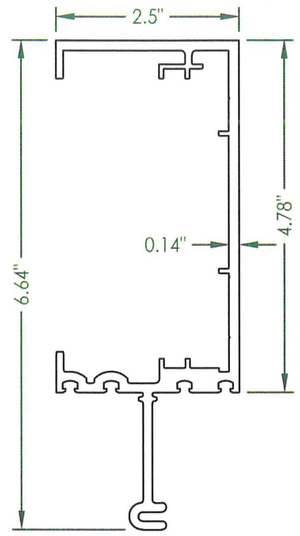
14 *VERTICAL FEMALE*
705

15 *VERTICAL MALE*
704

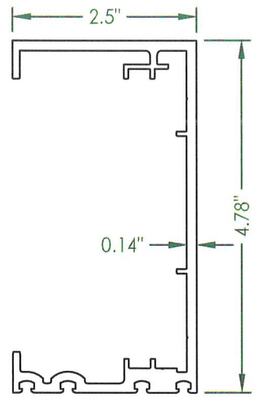


16 *VERTICAL FEMALE SSG*
705BG

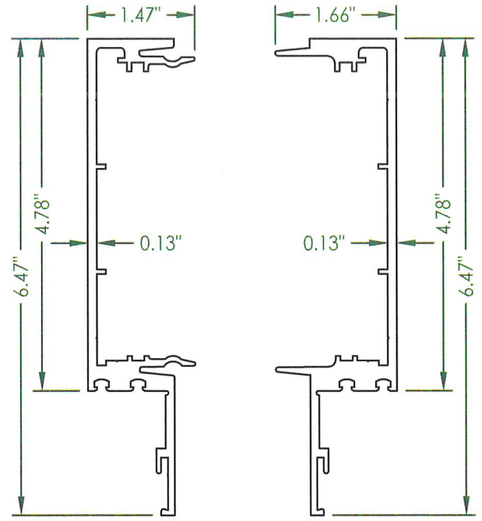
17 *VERTICAL MALE SSG*
704BG



18 *MULLION*
706D

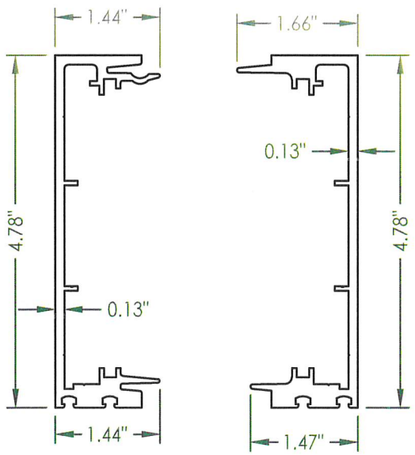


19 *MULLION SSG*
706BG



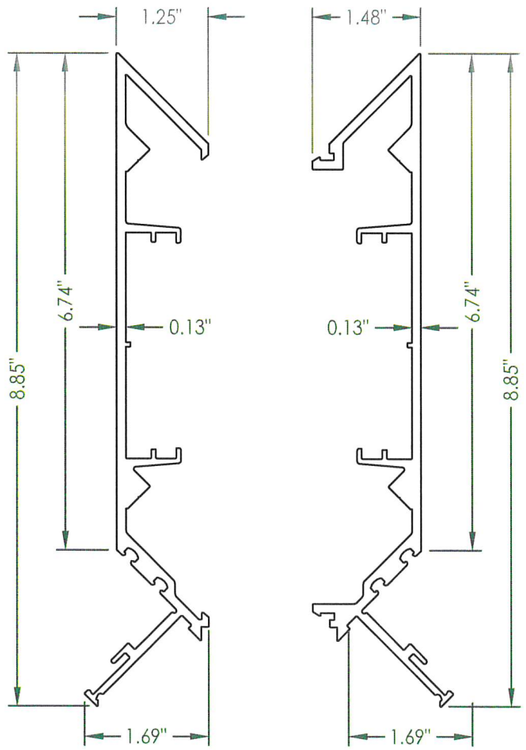
20 *VERTICAL EXPANSION FEMALE*
735

21 *VERTICAL EXPANSION MALE*
734



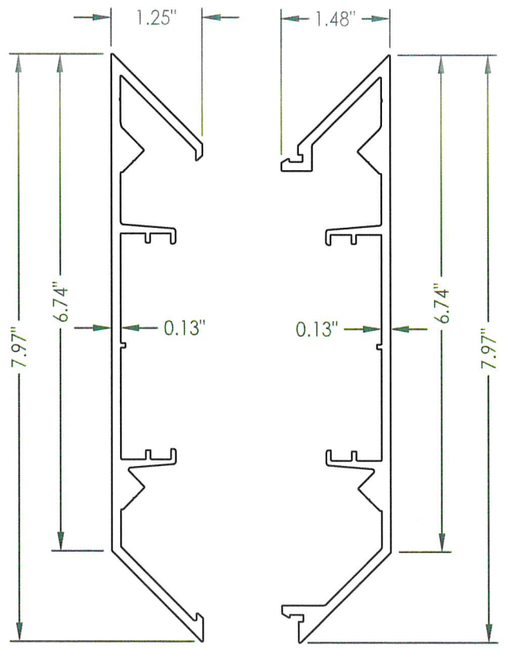
22 *VERTICAL EXPANSION FEMALE SSG*
735 BG

23 *VERTICAL EXPANSION MALE SSG*
734 BG



24 *CORNER MALE*
EXTERIOR
714

25 *CORNER FEMALE*
EXTERIOR
715



26 *CORNER MALE*
INTERIOR
717

27 *CORNER FEMALE*
INTERIOR
718

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

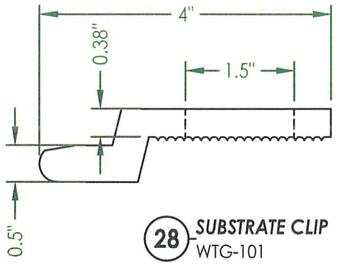
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

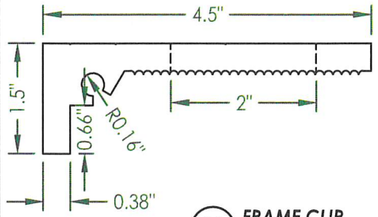
SHT: 20

0

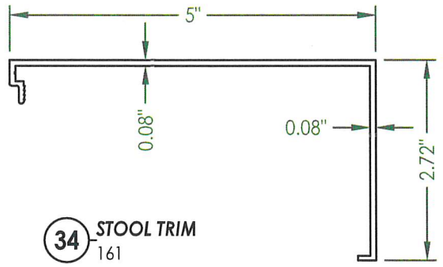
PLOT DATE: 2024-7-3



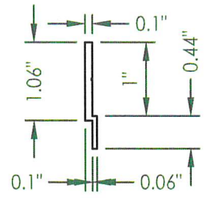
28 **SUBSTRATE CLIP**
WTG-101



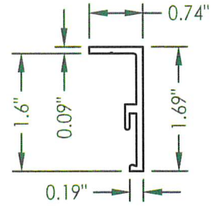
29 **FRAME CLIP**
WTG-102



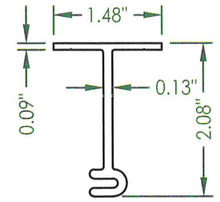
34 **STOOL TRIM**
161



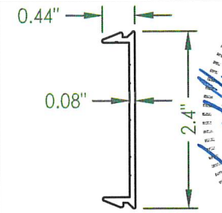
35 **JAMB ADAPTOR**
162



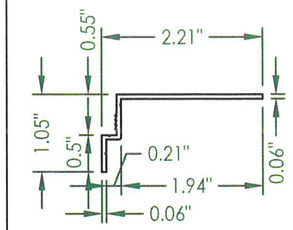
36 **TONGUE ADAPTOR**
163



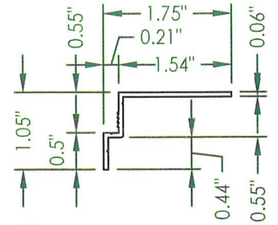
37 **TONGUE ADAPTOR**
163 XL



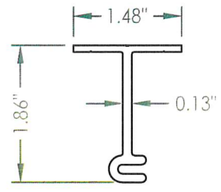
38 **PRESSURE BAR**
TWINSPAN
164R



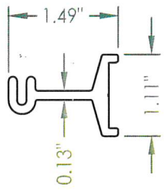
32 **STOOL TRIM ADAPTOR**
160



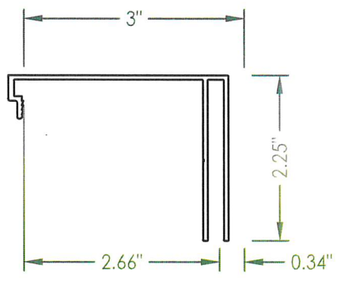
33 **STOOL TRIM ADAPTOR**
160A



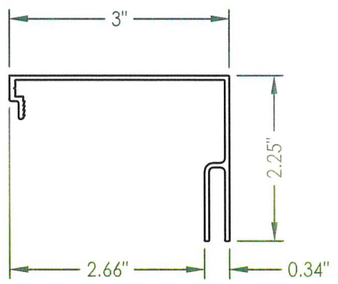
39 **TONGUE ADAPTOR**
165



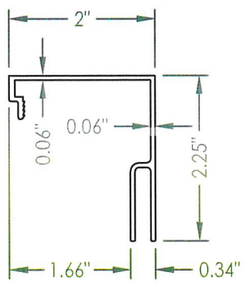
40 **TONGUE ADAPTOR**
165M



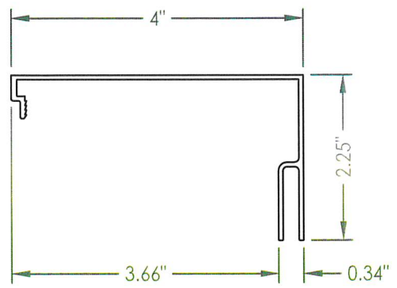
41 **STOOL TRIM**
166



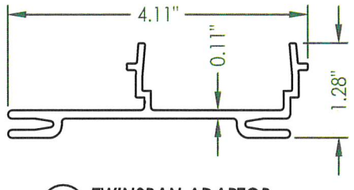
42 **STOOL TRIM**
166



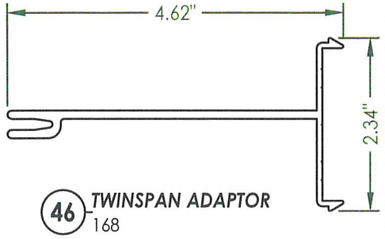
43 **STOOL TRIM**
166H



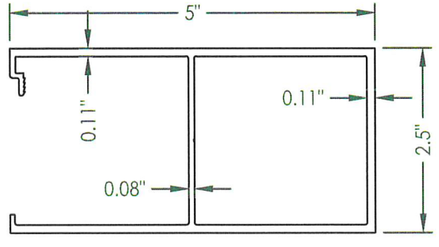
44 **STOOL TRIM**
166K



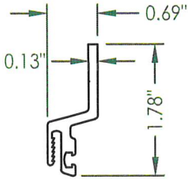
45 **TWINSPAN ADAPTOR**
167



46 **TWINSPAN ADAPTOR**
168



50 **STOOL EXTENSION**
173



51 **TRIM ADAPTOR**
174

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach,
FL 33412

STATE OF FLORIDA
PROFESSIONAL ENGINEER
JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

WEST TAMPA GLASS CO.
SINCE 1934

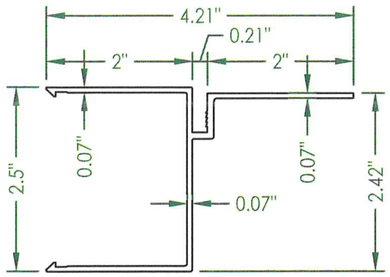
This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

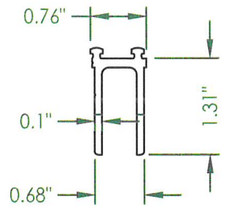
SHT: 21

0

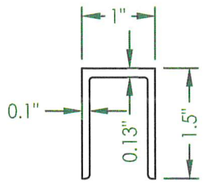
PLOT DATE: 2024-7-3



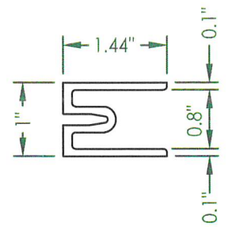
52 **INTERIOR TRIM**
179



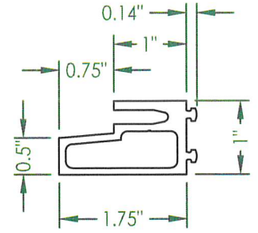
53 **CHANNEL ADAPTOR**
185



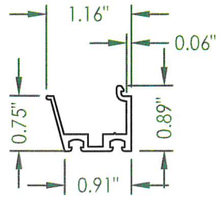
54 **U-CHANNEL**
186



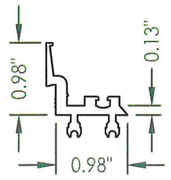
55 **CHANNEL W/ SCREW BOSS**
187



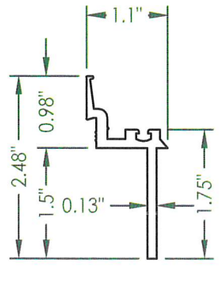
56 **FACECAP**
188



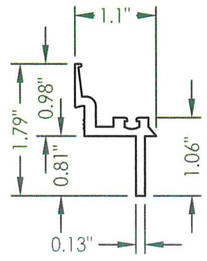
57 **GLAZING ADAPTOR**
702



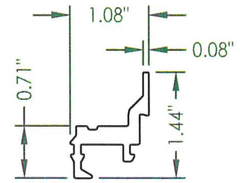
59 **GLASS RETAINER**
VERT PRESSURE BAR
703A



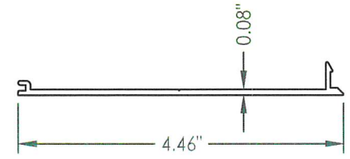
60 **PRESSURE BAR**
W/ SINGLE WING
703B



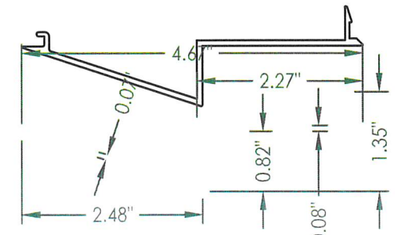
61 **PRESSURE BAR**
W/ SINGLE WING
703F



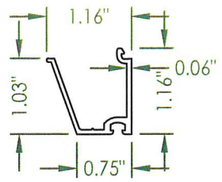
62 **PRESSURE BAR**
W/ WINGS
703P



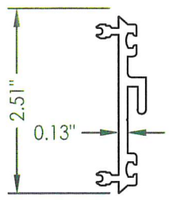
63 **SNAP-IN FILLER**
707



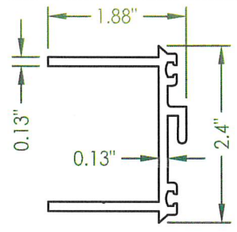
64 **SNAP-IN FILLER TRIANGLE**
707F



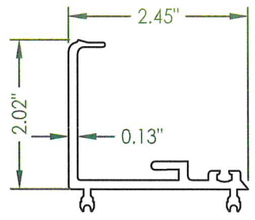
58 **GLAZING ADAPTOR**
702A



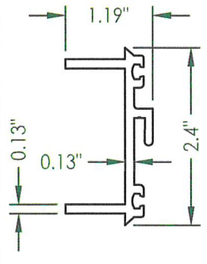
65 **U-CHANNEL**
PRESSURE BAR
709A



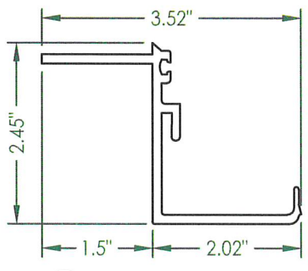
66 **PRESSURE BAR**
W/ WINGS 709B



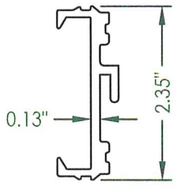
67 **PRESSURE BAR**
PERIMETER
709D



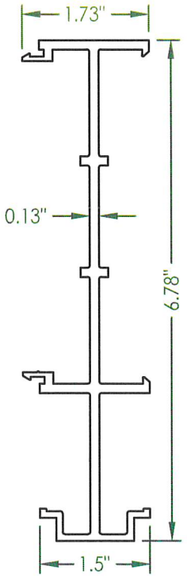
68 **PRESSURE BAR**
W/ WINGS 709F



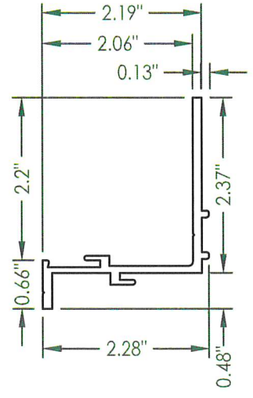
69 **PRESSURE BAR**
W/ WINGS 709G



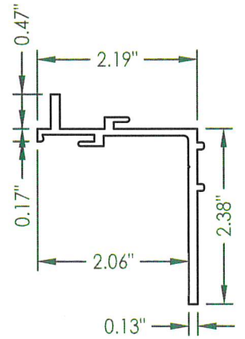
70 **THERMOPLASTIC**
PRESSURE BAR
709P



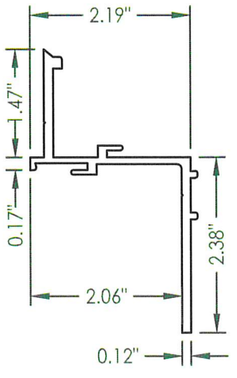
71 **MULLION ADAPTOR**
725



72 **GLAZING ADAPTOR**
(MALE) 736



73 **GLAZING ADAPTOR**
(MALE) 737



74 **GLAZING ADAPTOR**
(PERIMETER) 738

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL-PE # 623544
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N,
West Palm Beach,
FL 33412
JUL 03 2024

REVISION	DESCRIPTION	REV. #	DATE
	FOR APPROVAL	00	05/31/24
		-	-
		-	-

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

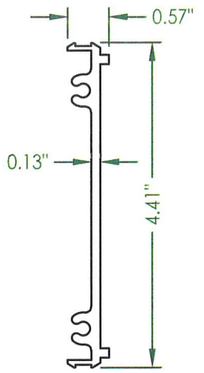
WEST TAMPA GLASS CO. · SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

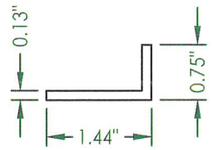
DRAWN BY: KK

SHT: 22 0

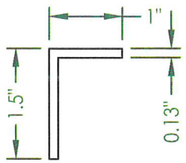
PLOT DATE: 2024-7-3



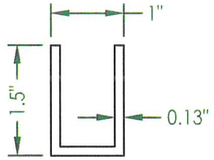
75 **FEMALE ADAPTOR**
739



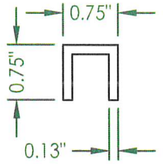
76 **ALUMINUM L-ANGLE**



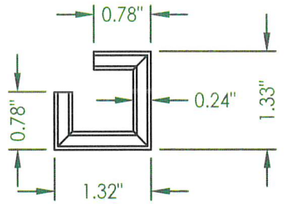
77 **ALUMINUM ANGLE**



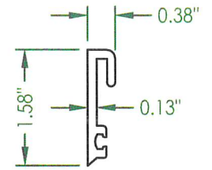
78 **U-CHANNEL**



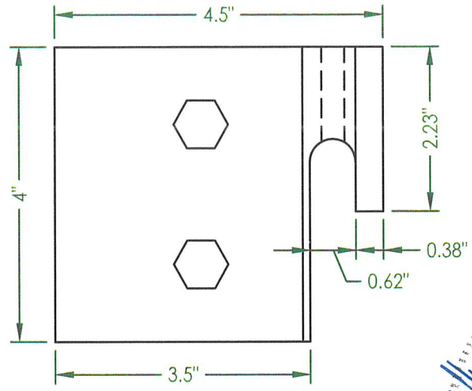
79 **U-CHANNEL**



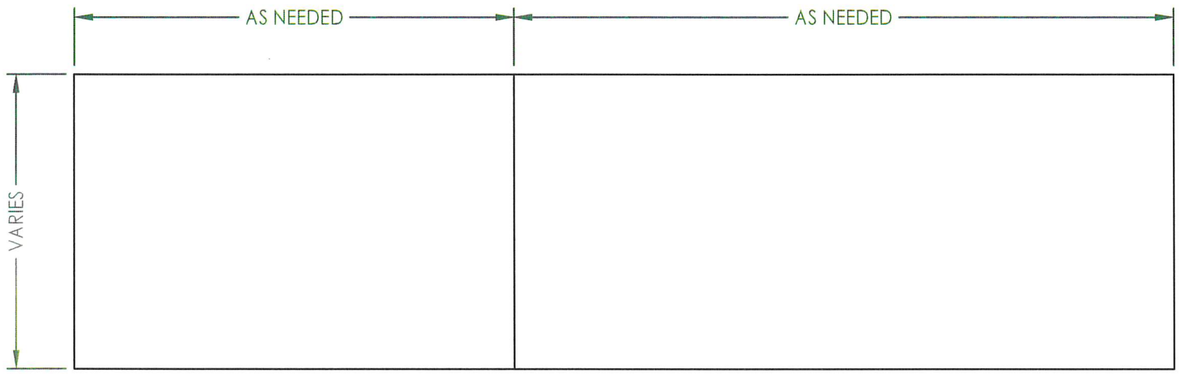
80 **CORNER CLOSURE**
MATERIAL VARIES

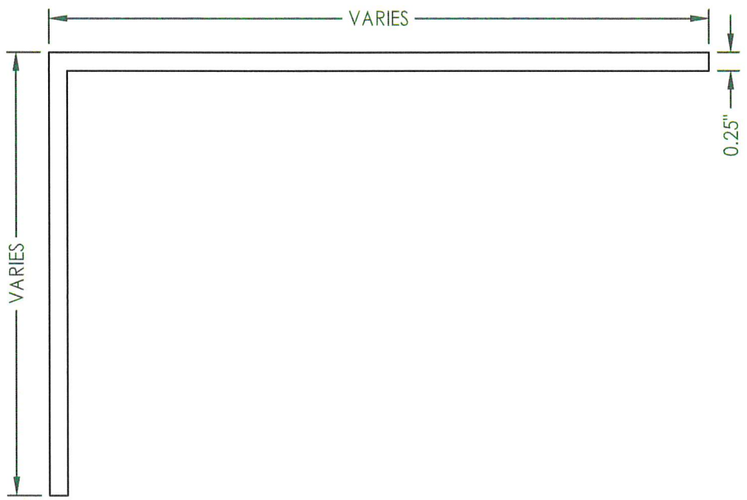


81 **PP SSG PERIMETER**



82 **ANCHOR HANGER**





83 **1/4" X 4" SLIP ANCHOR**
FORMED STEEL ANGLE
SIZE VARIES

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

SCOTT WOLTERS
ENGINEER
No. PE #68354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach, FL 33412
JUL 03 2024

REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
-	-	-
-	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 23

0

PLOT DATE: 2024-7-3



84 *#8-18*
PL-PH-SMS ZC TEK/2



85 *#12-14 X 1 1/2"*
PH ZINC OR SS SMS



86 *SDR2 #12-14*
PL-FH-SMS SG DRIL-FLEX



87 *3/8"-16 X 1 1/2"*
GR 5 BOLT OR TAP-FLEX



88 *5/16-18 HWH S.S. TEK SCREW*
STEEL ANCHOR



89 *5/16 HWH*
CONCRETE ANCHOR



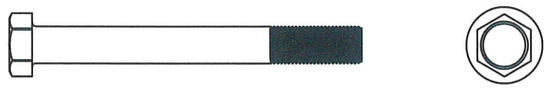
90 *#10-16*
PL-PH OR HWH-SMS 410 TEK/3



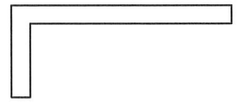
91 *3/8"X16 OR 1/2"X13 OR 5/8"X11*
GR 5 BOLT - 1" LENGTH
SIZE AS NEEDED



92 *3/8"X16 OR 1/2"X13 OR 5/8"X11*
GR 5 BOLT - 2" LENGTH
SIZE AS NEEDED



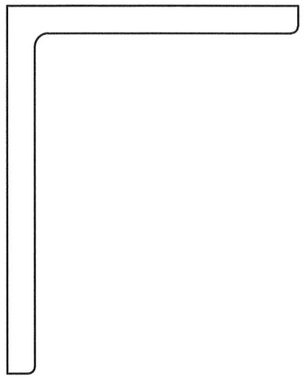
93 *3/8"X16 OR 1/2"X13 OR 5/8"X11*
GR 5 BOLT - 5" LENGTH
SIZE AS NEEDED



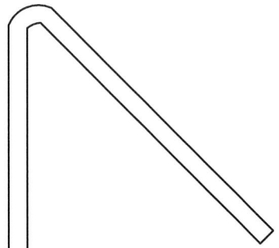
94 *1 1/4" X 3" X 1/4"*
ALUMINUM ANGLE - 4" LENGTH



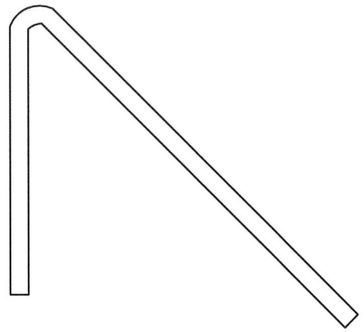
95 *3/8"X16 OR 1/2"X13 OR 5/8"X11*
ZINC OR SS NUT
SIZE AS NEEDED



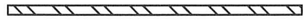
96 *1/4" X 4" X 5"*
FORMED STEEL ANGLE - 4" LONG



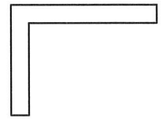
97 *1/4" X 4" X 4 1/2"*
FORMED STEEL ANGLE - 8" LONG



98 *1/4" X 4" X 6"*
FORMED STEEL ANGLE - 4" LONG



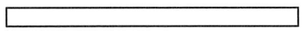
99 *1/8" X 4"*
STEEL FLAT BAR (ASTM A588/ASTM 36)
LENGTH AS NEEDED



100 *1 1/2" X 2" X 1/4"*
ALUMINUM ANGLE - 3 1/2" LENGTH



101 *1/4" X 4"*
STEEL FLAT BAR (ASTM A588/ASTM 36)
LENGTH AS NEEDED



102 *1/4" X 4"*
ALUMINUM FLAT BAR (6063 ALLOY)
9" LENGTH FOR TWIN-SPAN SPLICE



103 *SPACER GASKET*
GK004



104 *WEDGE GASKET*
GK005



105 *SPACER GASKET*
GK003



106 *BACKER ROD*

107 *SPACER TAPE*



108 *SPACER GASKET*
GK006



109 *SPACER GASKET*
GK007

117 *BREAK METAL*
LENGTH AS NEEDED

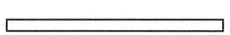


110 *HALFEN WASHER*
ALUMINUM (6063)

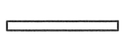


111 *DOWSIL SILICONE*
983 OR 795 OR
995 OR GE SSG4600

112 *26 GA*
GALVALUME
WIDTH & LENGTH AS NEEDED



113 *4 MM*
ACM PANEL - PE OR FR CORE
WIDTH & LENGTH AS NEEDED



114 *1/8" X 1 1/2"*
ALUMINUM FLAT BAR (6063 ALLOY)
LENGTH AS NEEDED

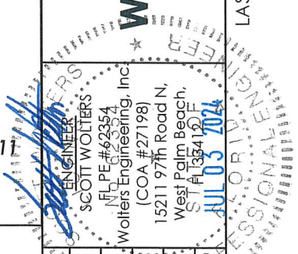


115 *SILICONE SEALANT*

116 *SETTING BLOCK*

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM



REVISION	DATE	REV. #
FOR APPROVAL	05/31/24	00
	-	-
	-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 24

0

PLOT DATE: 2024-7-3

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	HEAD\SILL\HORZ (#700)	6063 ALUM.
2	HEAD\SILL\HORZ SSG (#700 BG)	6063 ALUM.
3	HEAD\SILL\HORZ (#701)	6063 ALUM.
4	HORIZONTAL SSG (#701BG)	6063 ALUM.
5	HORIZONTAL (#701A)	6063 ALUM.
6	TWIN HORZ - TOP FEMALE (#712A)	6063 ALUM.
7	TWIN HORZ - BOTTOM MALE (#713)	6063 ALUM.
8	TWIN HORZ - TOP FEMALE (#512)	6063 ALUM.
9	TWIN HORZ (#513)	6063 ALUM.
10	TWIN HORZ - TOP FEMALE SSG (#712BG)	6063 ALUM.
11	TWIN HORZ - BOTTOM MALE SSG (#513BG)	6063 ALUM.
12	TWIN HORZ - (#540)	6063 ALUM.
13	TWIN HORZ - (#541)	6063 ALUM.
14	VERTICAL FEMALE (#705)	6005A-T61 OR 6005-T5 ALUM.
15	VERTICAL MALE (#704)	6005A-T61 OR 6005-T5 ALUM.
16	VERTICAL FEMALE SSG (#705BG)	6005A-T61 OR 6005-T5 ALUM.
17	VERTICAL MALE SSG (#704BG)	6005A-T61 OR 6005-T5 ALUM.
18	MULLION (#706D)	6005A-T61 OR 6005-T5 ALUM.
19	MULLION (#706 BG)	6005A-T61 OR 6005-T5 ALUM.
20	VERTICAL EXPANSION - FEMALE (#735)	6005A-T61 OR 6005-T5 ALUM.
21	VERTICAL EXPANSION - MALE (#734)	6005A-T61 OR 6005-T5 ALUM.
22	VERTICAL EXPANSION - FEMALE (#735BG)	6005A-T61 OR 6005-T5 ALUM.
23	VERTICAL EXPANSION - MALE (#734BG)	6005A-T61 OR 6005-T5 ALUM.
24	CORNER MALE - EXTERIOR (#714)	6005A-T61 OR 6005-T5 ALUM.
25	CORNER FEMALE - EXTERIOR (#715)	6005A-T61 OR 6005-T5 ALUM.
26	CORNER MALE - INTERIOR (#717)	6005A-T61 OR 6005-T5 ALUM.
27	CORNER FEMALE - INTERIOR (#718)	6005A-T61 OR 6005-T5 ALUM.
28	SUBSTRATE CLIP (#101)	6063 ALUM.
29	FRAME CLIP (#102)	6063 ALUM.
30		
31		
32	STOOL TRIM ADAPTOR (#160)	6063 ALUM.
33	STOOL TRIM ADAPTOR (#160A)	6063 ALUM.
34	STOOL TRIM 5" (#161)	6063 ALUM.
35	JAMB ADAPTOR (#162)	6063 ALUM.
36	TONGUE ADAPTOR (#163)	6063 ALUM.
37	TONGUE ADAPTOR (#163XL)	6063 ALUM.
38	PRESSURE BAR TWINSPAN (#164R)	6063 ALUM.
39	TONGUE ADAPTOR (#165)	6063 ALUM.
40	TONGUE ADAPTOR (#165M)	6063 ALUM.
41	STOOL TRIM 3" (#166)	6063 ALUM.
42	STOOL TRIM 3" (#166)	6063 ALUM.
43	STOOL TRIM 2" (#166H)	6063 ALUM.
44	STOOL TRIM 4" (#166K)	6063 ALUM.
45	TWINSPAN ADAPTOR (#167)	6063 ALUM.
46	TWINSPAN ADAPTOR (#168)	6063 ALUM.
47		
48		
49		
50	STOOL EXTENSION 5" (#173)	6063 ALUM.

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
51	TRIM ADAPTOR (#174)	6063 ALUM.
52	INTERIOR TRIM (#179)	6063 ALUM.
53	CHANNEL ADAPTOR (#185)	6063 ALUM.
54	1" x 1 1/2" x 1/8" ALUM. U-CHANNEL (#186)	6063 ALUM.
55	CHANNEL W/ SCREW BOSS (#187)	6063 ALUM.
56	FACECAP (#188)	6063 ALUM.
57	GLAZING ADAPTOR (#702)	6063 ALUM.
58	GLAZING ADAPTOR (#702A)	6063 ALUM.
59	GLASS RETAINER - VERTICAL PRESSURE BAR (#703A)	6063 ALUM.
60	PRESSURE BAR W/ SINGLE WING (#703B)	6063 ALUM.
61	PRESSURE BAR W/ SINGLE WING (#703F)	6063 ALUM.
62	WTG-703P THERMOPLASTIC BAR	PLASTIC
63	SNAP-IN FILLER (#707)	6063 ALUM.
64	SNAP-IN FILLER TRIANGLE (#707F)	6063 ALUM.
65	PRESSURE BAR (#709A)	6063 ALUM.
66	PRESSURE BAR W/ WINGS (#709B)	6063 ALUM.
67	PRESSURE BAR - PERIMETER (#709D)	6063 ALUM.
68	PRESSURE BAR W/ WINGS (#709F)	6063 ALUM.
69	PRESSURE BAR W/ WINGS FOR ACM (#709G)	6063 ALUM.
70	WTG-709P HORZ THERMOPLASTIC BAR	PLASTIC
71	MULLION ADAPTOR (#725)	6063 ALUM.
72	GLAZING ADAPTOR - MALE (#736)	6063 ALUM.
73	GLAZING ADAPTOR - MALE (#737)	6063 ALUM.
74	GLAZING ADAPTOR - PERIMETER (#738)	6063 ALUM.
75	FEMALE ADAPTOR (#739)	6063 ALUM.
76	3/4" x 1 1/2" 1/8 ALUM. ANGLE (QTY. 2) EA LITE @ QTR POINTS OF GLASS WIDTH	6063 ALUM.
77	1" x 1 1/2" x 1/8" ALUM. ANGLE (QTY. 2) EA LITE @ QTR POINTS OF GLASS WIDTH	6063 ALUM.
78	1" x 1 1/2" x 1/8" ALUM. U-CHANNEL	6063 ALUM.
79	3/4" x 3/4" x 1/16" ALUM. U-CHANNEL	6063 ALUM.
80	CORNER CLOSURE	VARIES
81	PP SSG PERIMETER	6063 ALUM.
82	ANCHOR HANGER	6063 ALUM.
83	SLIP ANCHOR - 1/4" x 4" FORMED STEEL FLAT BAR - 4" MIN. INSIDE VERTICAL	STEEL
84	#8-18 FH TEK SCREW	STEEL
85	#12 PH ZINC OR SS SCREW	STEEL
86	# 1/4" x 20 FH TEK SCREW	STEEL
87	3/8" X 16 X 1 1/2" GR 5 BOLT OR TAP-FLEX BOLT	STEEL
88	5/16" HWH SELF DRILLING SCREW OR ELCO DRILL-FLEX SCREW	STEEL
89	5/16 " HWH CONCRETE ANCHORS	STEEL
90	STK5 #10-16 PL-PH-SMS 410 TEK/3	STEEL
91	GR 5 BOLT - 1" LENGTH - DIAMETER VARIES AS NEEDED	STEEL
92	GR 5 BOLT - 2" LENGTH - DIAMETER VARIES AS NEEDED	STEEL
93	GR 5 BOLT - 5" LENGTH - DIAMETER VARIES AS NEEDED	STEEL
94	1-1/4" x 3" x 1/4" ALUMINUM ANGLE 4" LENGTH	6063 ALUM.
95	ZINC OR SS NUT OR LOCK NUT	STEEL
96	1/4" x 4" x 5" FORMED STEEL ANGLE - 4" LONG	STEEL
97	1/4" x 4" x 4-1/2" STEEL ANGLE - 8" LONG - 45° CLIP AT CORNER	STEEL
98	1/4" x 4" x 6" FORMED STEEL ANGLE 4" LONG	STEEL
99	1/8" X 4" STEEL HOT ROLLED FLAT BAR PRIMER FINISH (ASTM A588) /ASTM 36	STEEL
100	ANGLE - 2 x 1 1/2 x 1/4" x 3 1/2" LONG - ALUM.	6063 ALUM.

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM

ENGINEER
SCOTT WOLTERS
FL PE #62354
Wolters Engineering, Inc.
(COA #27198)
15211 97th Road N.
West Palm Beach, FL 33412

JUL 03 2024

REVISION			
#	DESCRIPTION	DATE	REV. #
	FOR APPROVAL	05/31/24	00
		-	-
		-	-

WEST TAMPA GLASS CO.
SINCE 1934
2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 25

0

PLOT DATE: 2024-7-3

BILL OF MATERIALS			BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
101	1/4" x 4" STEEL HOT ROLLED FLAT BAR PRIMER FINISH (ASTM A588) /ASTM 36	STEEL			
102	SPLICE PLATES (QTY. 2) 1/4" x 4" FLAT BAR 9" LONG	6063 ALUM.			
103	GK004 - EPDM OR SILICONE	SILICONE			
104	GK005 - SCR OR SILICONE	SILICONE			
105	GK003 - SPACER GASKET INTERIOR SCR OR SILICONE	SILCONE			
106	BACKER ROD CLOSED CELL EXTRUDED FOAM/TUNDRA FOAM OPEN CELL	FOAM			
107	SPACER TAPE - 1/4" x 3/8" THERMALBOND	EPDM			
108	GK006 - EPDM OR SILICONE	SILICONE			
109	GK007 - SCR OR SILICONE	SILICONE			
110	HALFEN WASHER	6063 ALUM.			
111	SEALANT DOW 983 OR DOW 795 OR GE SSG 4600	SILICONE			
112	GALVALUME	METAL			
113	ACM - 4mm PE COR / FR CORE	MCM			
114	1/8" x 1-1/2" ALUMINUM FLAT BAR (AT INSIDE CORNER)	SILICONE			
115	SILICONE SEALANT	SILICONE			
116	SETTING BLOCK	SILICONE			
117	BREAK METAL	ALUM.			
118	HORIZONTAL SSG 3 1/2" (#731)	6063 ALUM.			
119	DC-123 TAPE	SILICONE			
120	GLAZING ADAPTER	6063 ALUM.			
121	ANGLE - 1" x 1 1/2" x 1/8" - ALUM.	6063 ALUM.			
122	ANGLE - 1" x 1" x 1/8" - ALUM.	6063 ALUM.			
123	ANGLE - 2" x 2" x 1/8" - ALUM.	6063 ALUM.			

WTG 700 SERIES

LAST SAVE: 2024-7-2 KKHAYKHAM



REVISION			
DESCRIPTION	DATE	REV. #	
FOR APPROVAL	05/31/24	00	
	-	-	
	-	-	

2705 N. 35TH STREET
TAMPA, FLORIDA 33605
PH. 813-247-5528
FAX. 813-247-6468

WEST TAMPA GLASS CO.

SINCE 1934

This drawing and the contents thereon are the express property of WTG. Use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing by WTG or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings by WTG shall be cause for legal recourse by WTG.

DRAWN BY: KK

SHT: 26

0

PLOT DATE: 2024-7-3