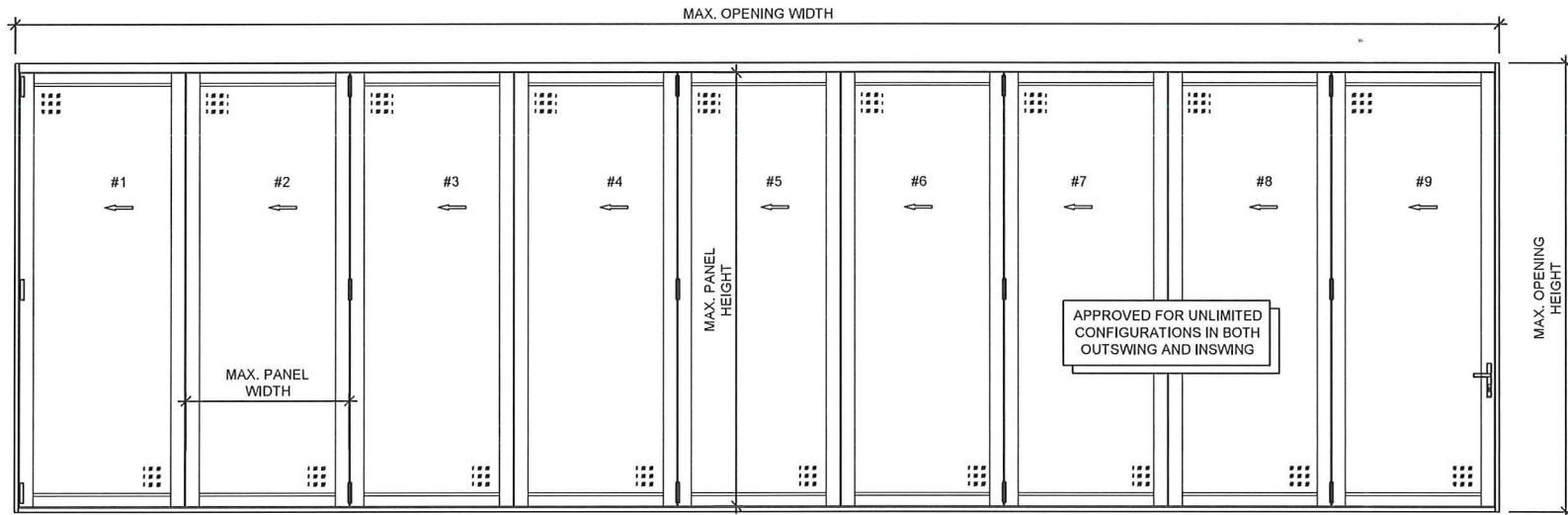


DESIGN PRESSURE RATING
VARIES SEE TABLE 2

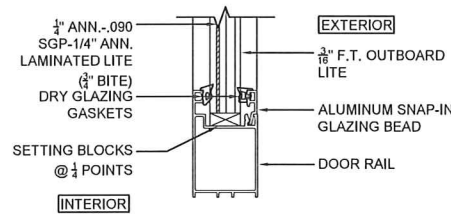
LARGE AND SMALL
MISSILE IMPACT RESISTANT

WATER INFILTRATION RATING= VARIES



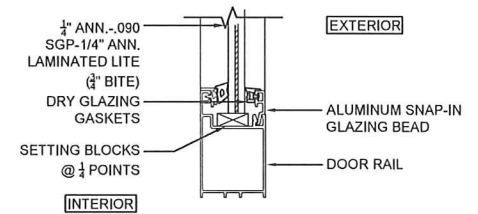
GENERAL NOTES:

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (5TH EDITION), INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) FOR MASONRY APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED MASONRY ANCHORS. MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE.
- 4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE REQUIRED MIN. EMBEDMENT. INSTALLATION ANCHORS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 5) 1/4" MAX. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.
- 6) DESIGN PRESSURES:
 - A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TESTING AND GLASS PER ASTM E1300.
 - B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL TESTING AND GLASS PER ASTM E1300.
- 7) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
- 9) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 10) PRODUCT TESTED TO TAS 201, TAS 202 AND TAS 203 (SEE EVALUATION REPORT FOR SPECIFICS)



GLAZING DETAIL (GT-1)

SCALE: NTS



GLAZING DETAIL (GT-2)

SCALE: NTS

				VISTA FOLD BI-FOLD ALUMINUM DOOR	
				DATE: 9/28/2016	PREPARED FOR: EURO-WALL 24100 Tiseo Blvd. Port Charlotte, FL 33980 1.888.989.3876 info@euro-wall.com
3/28/16	ORIGINAL ISSUE	TS	DATE: 3/28/16	DRAWN BY: T. SULLIVAN	DESIGN: T. SULLIVAN
DATE	DESCRIPTION	BY	DATE	DATE	DATE
REVISIONS					

SHEET 1 OF 7

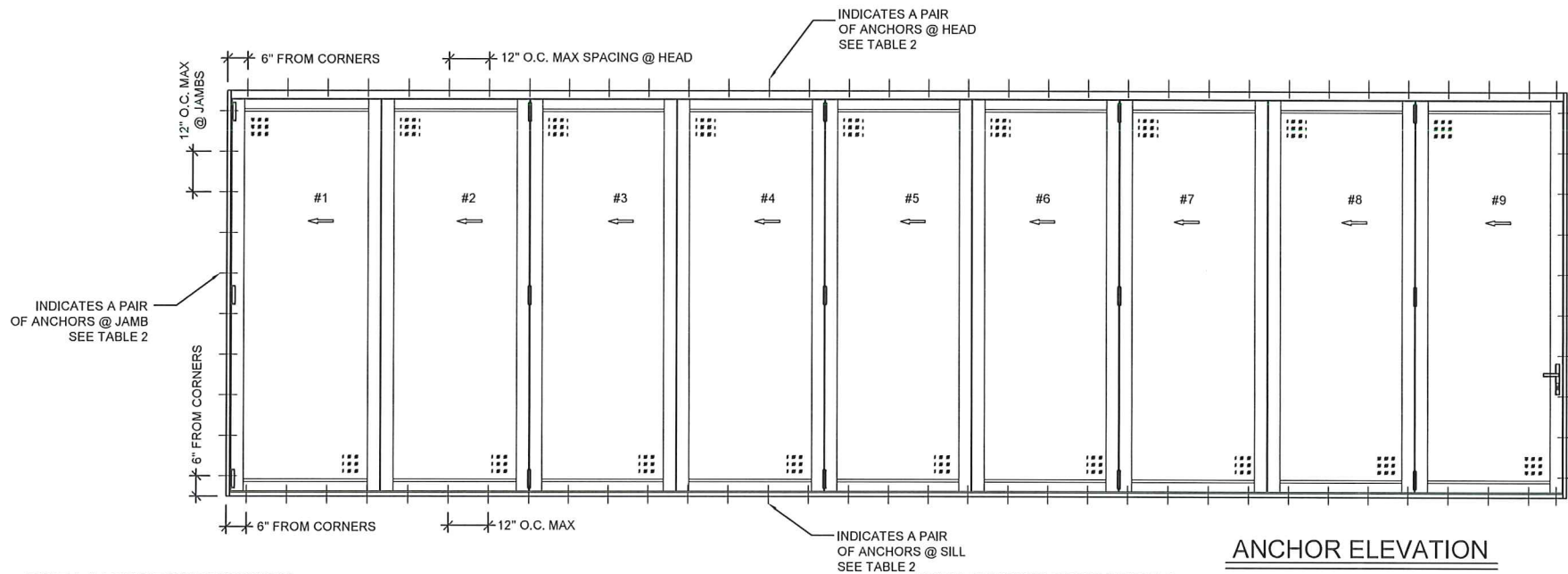


TABLE 1: ALLOWABLE DESIGN PRESSURES

Allowable Design Pressures by Panel Size (± psf)										
Panel Height (Inches)	Panel Width (Inches)									
	20	24	28	32	36	40	44	48	52	
72	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	
78	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	75.0	
84	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	+60/-65	
90	100.0	100.0	100.0	100.0	100.0	75.0	75.0	+60/-65	+60/-65	
96	100.0	100.0	100.0	100.0	100.0	75.0	+60/-65	+60/-65	+60/-65	
102	100.0	100.0	100.0	93.2	75.0	75.0	+60/-65	+60/-65	+60/-65	
108	75.0	96.9	83.7	75.0	75.0	+60/-65	+60/-65	+60/-65		
114	75.0	77.9	75.0	75.0	75.0	+60/-65	+60/-65	+60/-65		
120	75.0	75.0	75.0	72.9	+60/-65	+60/-61.6				
126	75.0	75.0	68.0	62.2	55.7	50.5				
132	75.0	65.4	58.6	51.5	46.1					
138	68.0	56.9	49.0	43.1	38.5					
144	57.3	47.9	41.2	36.3						

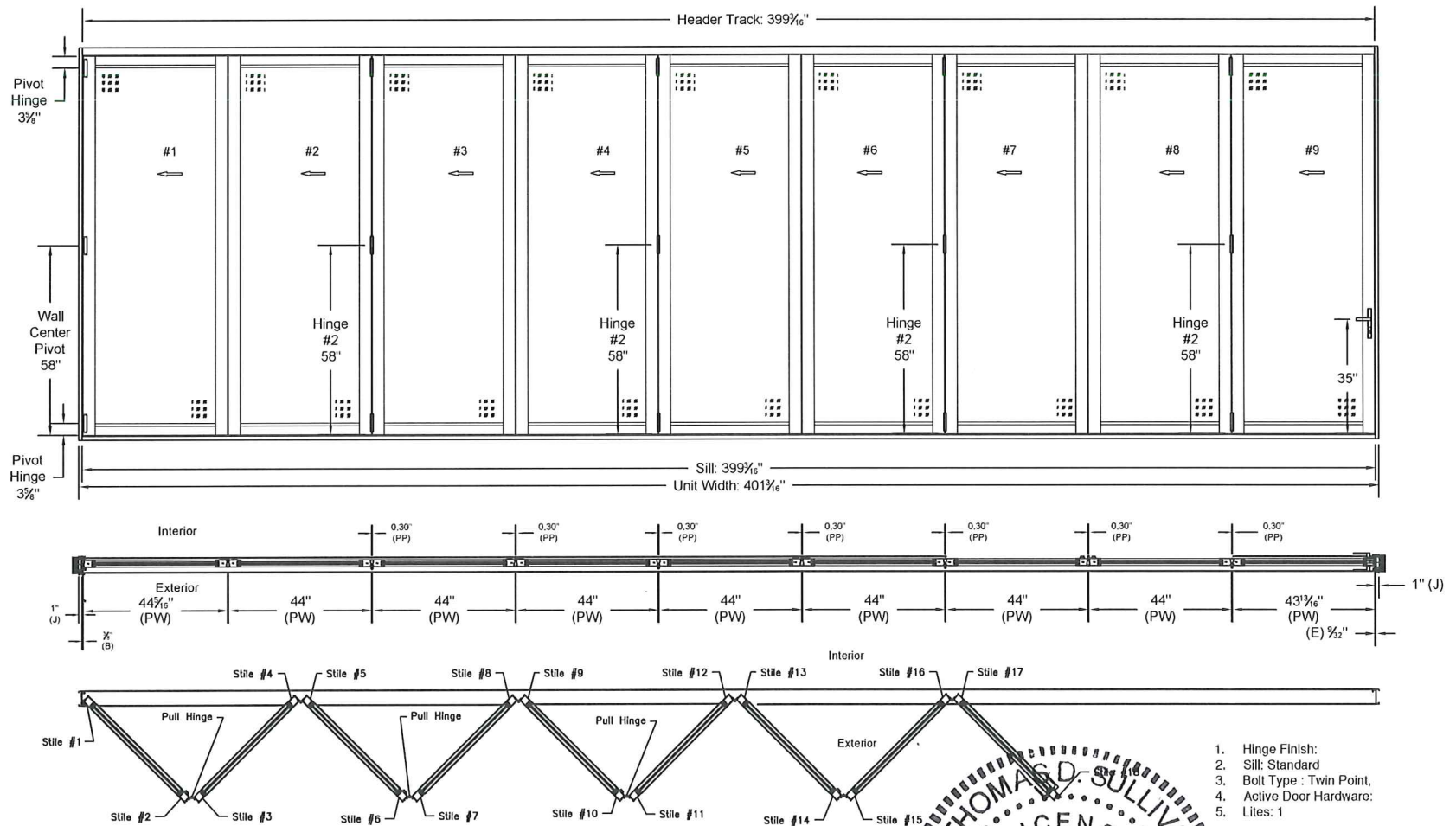
Note: Applies to both inswing and outswing configurations, segmented and radiused installations

TABLE 2: PERIMETER ANCHOR SCHEDULE

Building Structure	Fastener Type	Minimum Embed.	Minimum Edge Distance	Minimum on Center Spacing	Max. on Center Spacing	Notes:
Min. 2000 PSI Concrete	Tapcon 1/4"	1 3/4"	2 1/2"	3"	12"	
Min. 4000 PSI Concrete	Tapcon 1/4"	1 3/4"	2 1/2"	3"	12"	
SYP	5/16" Lag	1 1/2"	1 1/2"	4"	12"	G=0.55
SPF	5/16" Lag	2"	1 1/2"	4"	12"	G=0.46
Grout-Filled Masonry	Tapcon 1/4"	1 3/4"	2 1/2"	3"	12"	1800 psi
Light-Gage Framing	1/4"-20" HWH	1"	1"	12"	12"	18 ga. min
Metal Al. or Steel	1/4"-20" HWH	1"	1"	12"	12"	1/8" thick

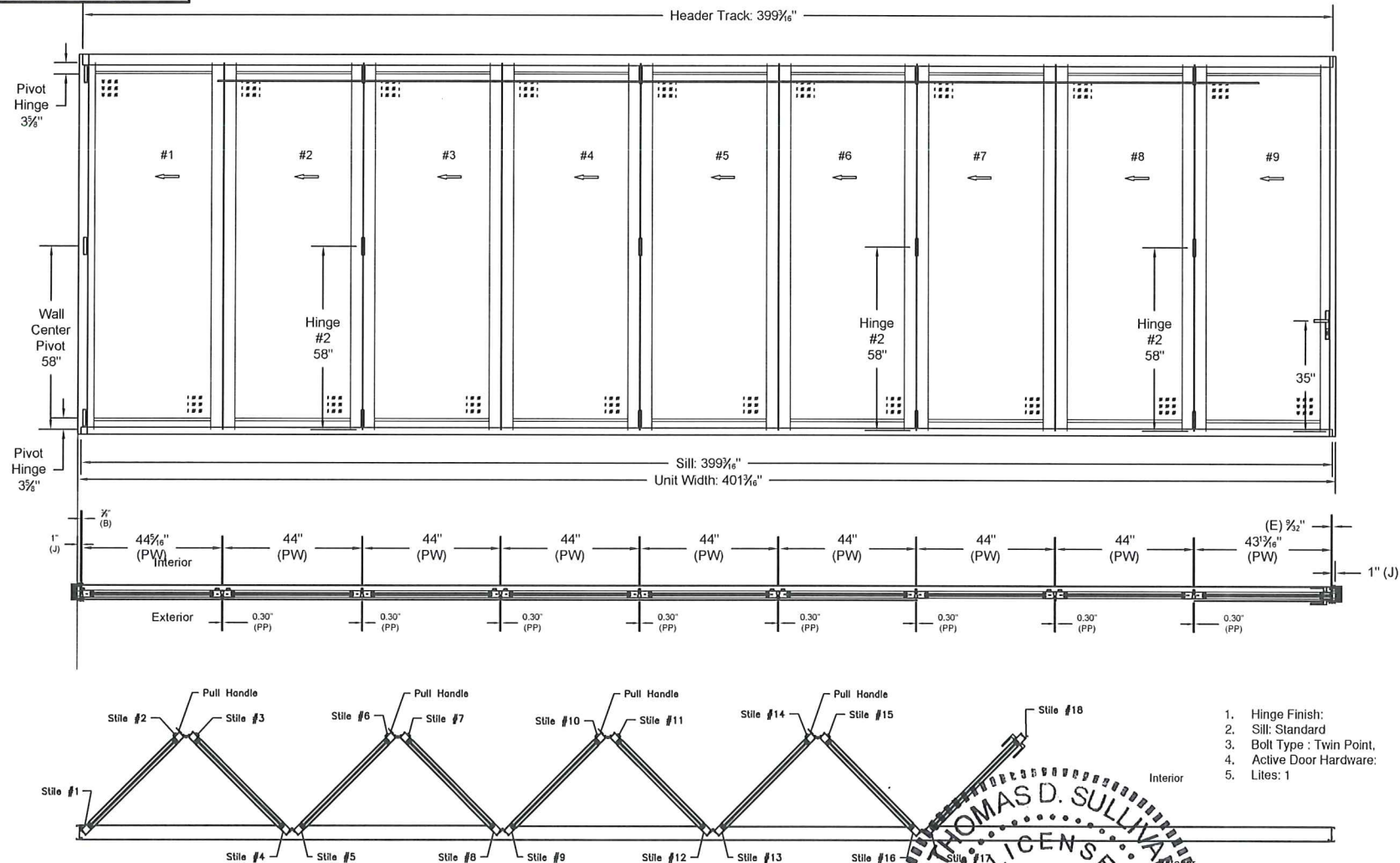
NOTE: ALL ANCHORS TO HAVE A MAX 1/4" SHIM SPACE

THOMAS D. SULLIVAN ENGINEERING CONSULTANTS LLC 5203 S.W. 4th Ave. Ter. Fort Lauderdale, FL 33304 STATE OF FLORIDA PROFESSIONAL ENGINEER NO. 55358		WESTA FOLD BI-FOLD ALUMINUM DOOR DATE: 09/28/2016 DRAWN BY: TOM SULLIVAN DESIGNED BY: TOM SULLIVAN		PREPARED FOR: EURO-WALL 24100 Tiseo Blvd. Port Charlotte, FL 33980 1.888.989.3876 info@euro-wall.com
3/28/16	ORIGINAL ISSUE (REV. 1)	DATE	DESCRIPTION	REVISIONS
SHEET 2 OF 7				



TYPICAL OUTSWING ELEVATION

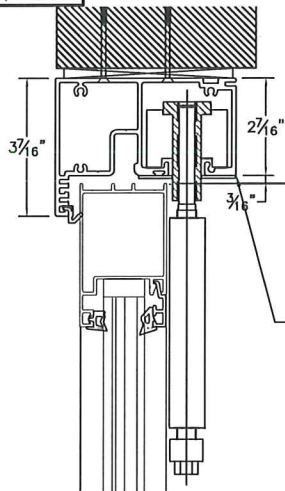
3/28/16 DATE ORIGINAL ISSUE (R0)		DESCRIPTION REVISIONS		NO. 55358 JB&B ENGINEERING CONSULTING LLC STATE OF WORK ORDER NO. 1122 DATE 01/23/17		VISTA FOLD BI-FOLD ALUMINUM DOOR DATE: 09/28/2010 DRAWN BY: TOM JUVAN DESIGNED BY: TOM JUVAN		PREPARED FOR: EURO-WALL 24100 Tiseo Blvd. Port Charlotte, FL 33980 1.888.989.3876 info@euro-wall.com	
SHEET		3		OF		9		7	



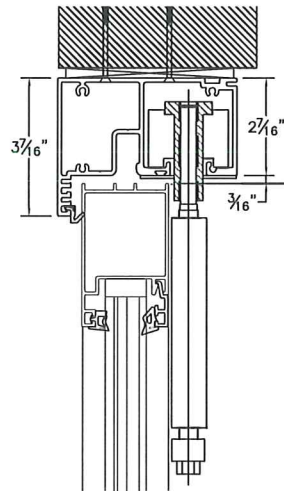
TYPICAL INSWING ELEVATION

SCALE: NTS

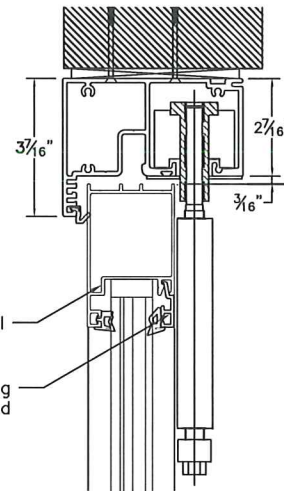
 NO. 25358 JB&B ENGINEERING CONSULTANTS, LLC STATE OF FLORIDA Office 813-245-1023		VISA FOLD BI-FOLD ALUMINUM DOOR	
DATE: 09/28/2016		PREPARED FOR: EURO-WALL 24100 Tiseo Blvd. Port Charlotte, FL 33980 1.888.989.3876 info@euro-wall.com	
DRAWN BY: TOM SULLIVAN		DESIGN: TOM SULLIVAN	
9/28/16 ORIGINAL ISSUE (R0)	DATE DESCRIPTION REVISIONS	SHEET 4 OF 7	



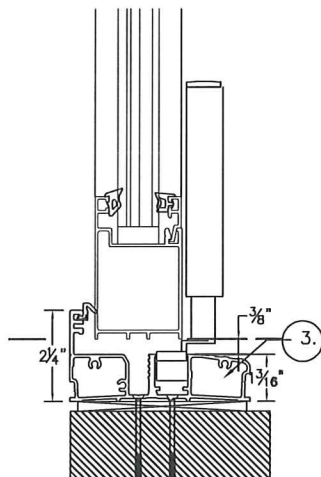
1. Header Track



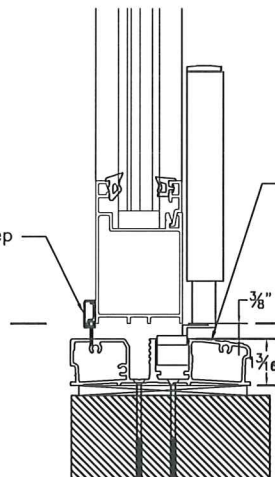
8. Rail
9. Glazing bead



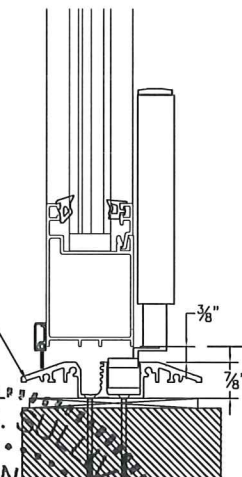
12. Standard Sill (w/riser)



4. Modified Standard Sill (without riser)



5. Modified Standard Sill (without riser)

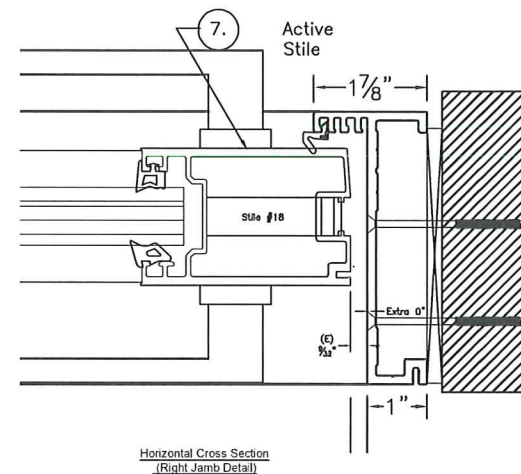
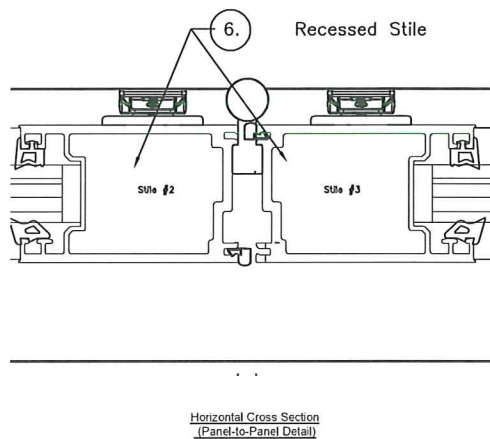
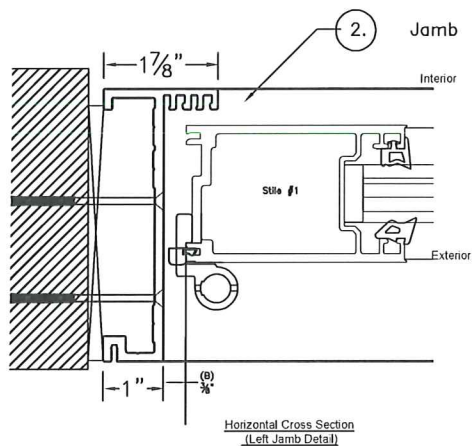


Vertical Cross Section
(Option 1: Standard Sill)
(9.0 PSF WATER
INFILTRATION RATING)

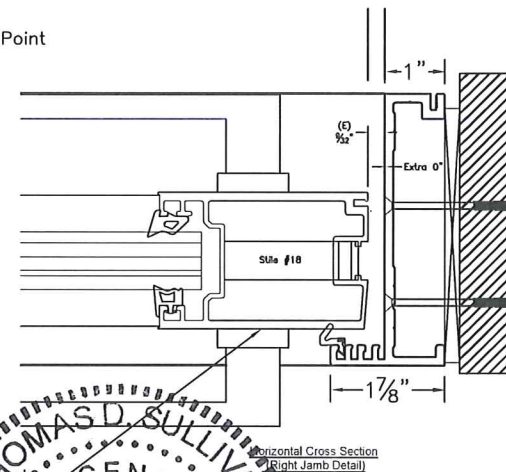
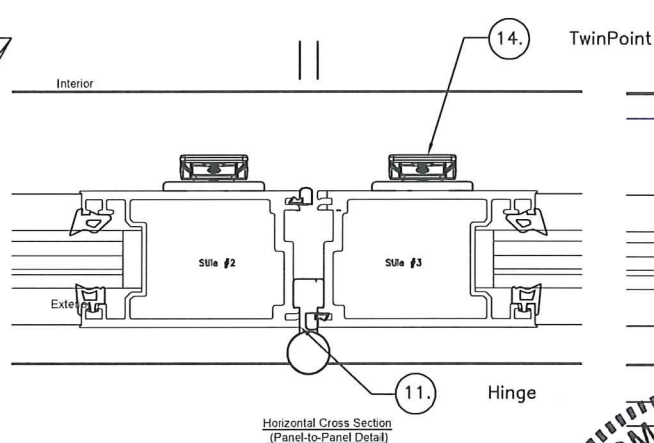
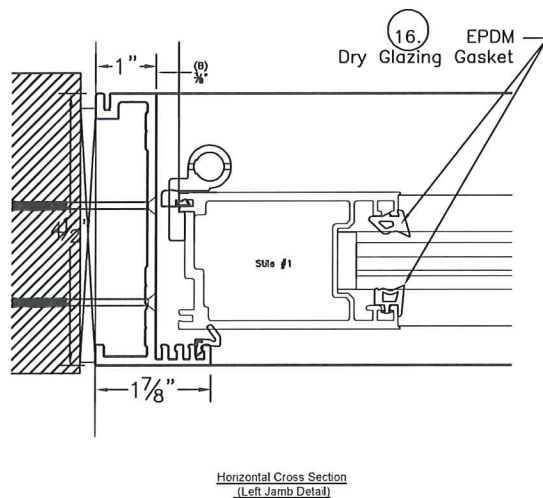
Vertical Cross Section
(Option 2: Modified Standard Sill)
NOT RATED FOR
WATER INFILTRATION

Vertical Cross Section
(Option 3: Modified Sill)
NOT RATED FOR WATER
INFILTRATION

THOMAS D. SULLIVAN LICENSED PROFESSIONAL ENGINEER No. 55358 STATE OF FLORIDA		VISTA FOLD BI-FOLD ALUMINUM DOOR	
JB&B DESIGN 24100 Tiseo Blvd. Port Charlotte, FL 33980 1.888.989.3876 info@euro-wall.com		DATE: 08/18/2016 PREPARED FOR: EURO-WALL 24100 Tiseo Blvd. Port Charlotte, FL 33980 1.888.989.3876 info@euro-wall.com	
9/28/16 ORIGINAL ISSUE (RD)		SHEET 5 OF 7	
DATE DESCRIPTION REVISIONS		DESIGNER: THOMAS D. SULLIVAN DRAWN BY: T. SULLIVAN	

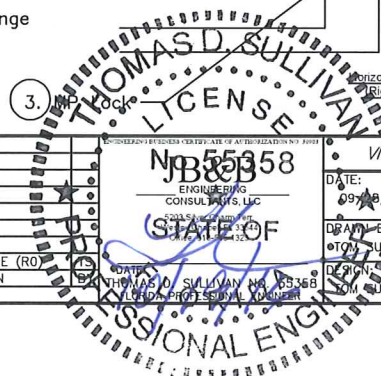


OUTSWING



INSWING

REVISIONS		DATE		DESCRIPTION	
9/28/16	ORIGINAL ISSUE (R0)				
	DESCRIPTION				
	REVISIONS				

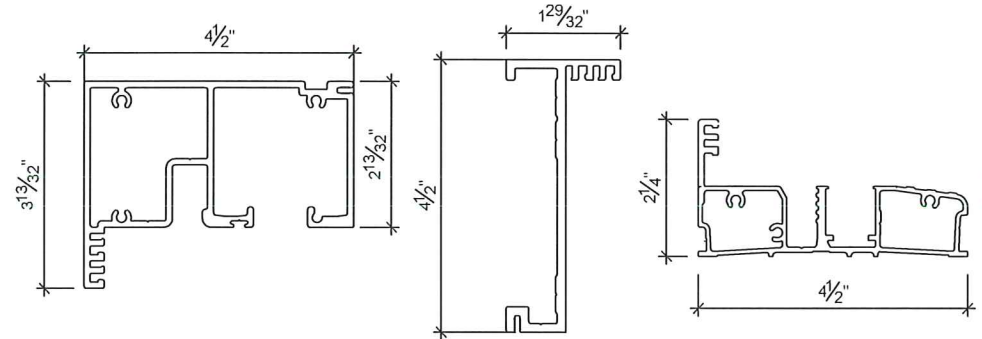


VISTA FOLD BI-FOLD ALUMINUM DOOR

DATE: 09/28/2016
 PREPARED FOR: EURO-WALL
 24100 Tiseo Blvd.
 Port Charlotte, FL 33980
 1.888.989.3876
 info@euro-wall.com

Folding Door - C3 - BILL OF MATERIALS

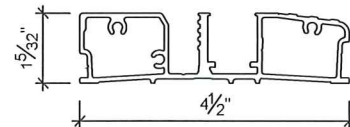
ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
1	C3 Header	Header Track	Aluminum 6063 - T5	SAPA
2	C3 Jamb	Jamb	Aluminum 6063 - T5	SAPA
3	C3-Sill-St	Standard Sill (with riser)	Aluminum 6063 - T5	SAPA
4	C3-Sill-St (m)	Modified Standard Sill	Aluminum 6063 - T5	SAPA
5	C3-Sill-ADA	ADA Sill	Aluminum 6063 - T5	SAPA
6	C3-R Stile	Recessed Stile	Aluminum 6063 - T5	SAPA
7	C3-MP Stile	Active Stile	Aluminum 6063 - T5	SAPA
8	C3-Rail	Rail	Aluminum 6063 - T5	SAPA
9	C3-Bead	Glazing Bead	Aluminum 6063 - T5	SAPA
10	C3-Ast	Astragal	Aluminum 6063 - T5	SAPA
11	C3-Hinge	Hinges	Assembly	EuroWall
12	C3-Swp	Sweep	Rubber	EuroWall
13	C3-MPL	Multipoint Lock	Assembly (304 SS)	EuroWall
14	C3-TPL	Twinpoint Lock	Assembly (304 SS)	EuroWall
15	C3-Glass	Glass		
16	C3-DGG	EPDM Dry Glazing Gaskets	ASTM C 864-05	Trelleborg
17				
18				



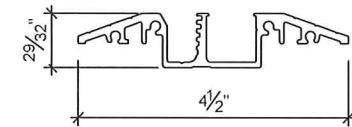
1 HEADER TRACK
SCALE: NTS

2 JAMB
SCALE: NTS

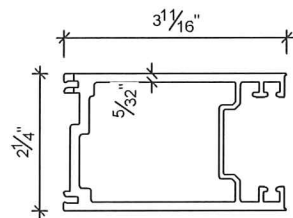
3 STANDARD SILL W/ RISER
SCALE: NTS



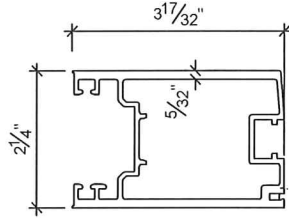
4 MOD STANDARD SILL W/O RISER
SCALE: NTS



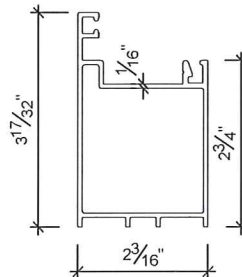
5 ADA SILL
SCALE: NTS



6 RECESSED STILE
SCALE: NTS



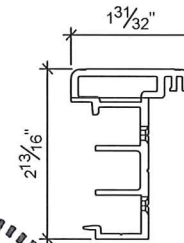
7 ACTIVE STILE
SCALE: NTS
DOES NOT APPLY IF
EVEN NUMBER OF
PANELS IN CARRIER



8 PANEL RAIL
SCALE: NTS



9 GLAZING BEAD
SCALE: NTS



10 ASTRAGAL
SCALE: NTS

THOMAS D. SULLIVAN ENGINEERING CONSULTANTS, LLC WESTY CHARTER, 33024 OFFICE 855-455-1323		NO. 55358 JB&B STATE OF FLORIDA PROFESSIONAL ENGINEER	
DATE: 9/28/16 DESCRIPTION: ORIGINAL ISSUE (RO) REVISIONS:		VISIA FOLD BI-FOLD ALUMINUM DOOR PREPARED FOR: EURO-WALL 24100 Tiseo Blvd. Port Charlotte, FL 33980 1.888.989.3876 info@euro-wall.com	
SHEET 7 OF 7		DATE: 09/28/2016 DRAWN BY: T. SULLIVAN CHECKED BY: T. SULLIVAN	