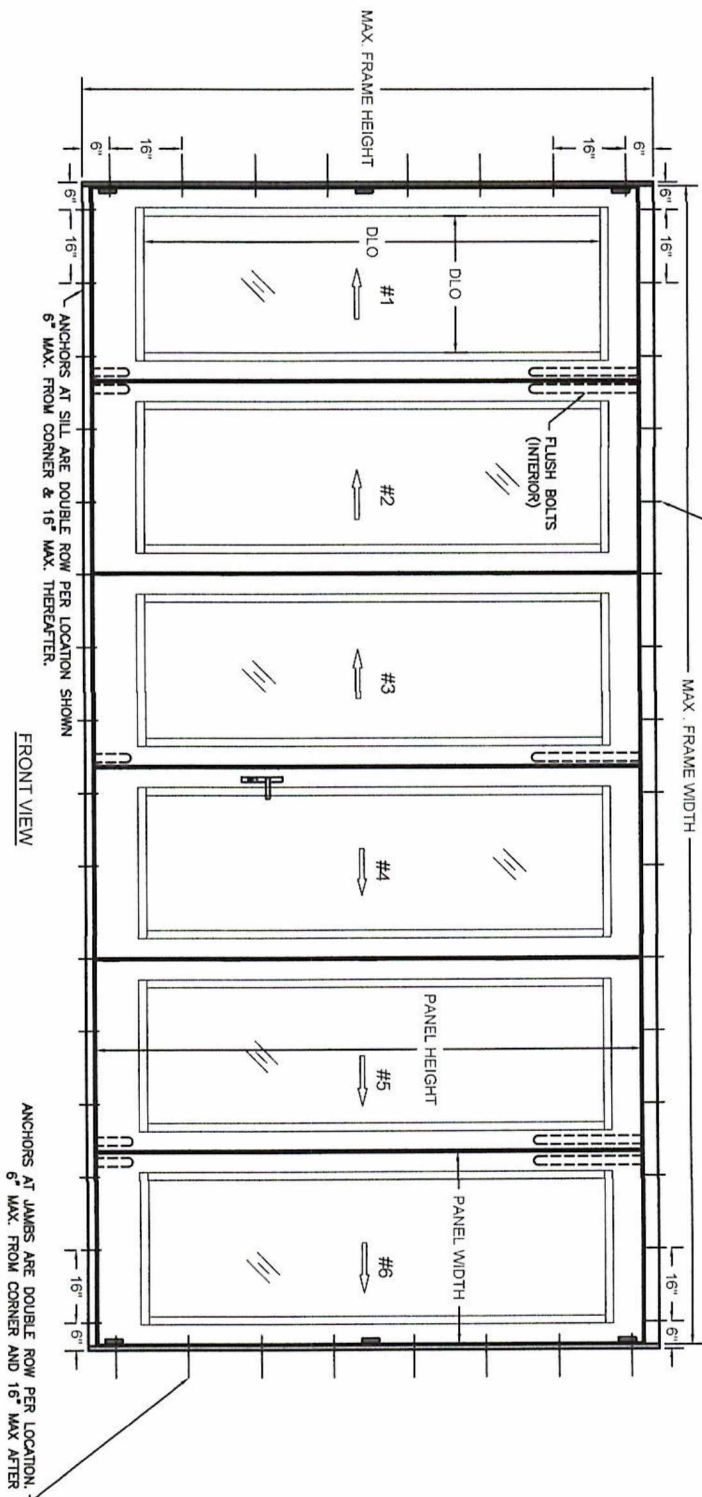


Euro E 4 Wood Folding Doors (Inswing and Outswing)

ANCHORS AT HEADER ARE TRIPLE PER LOCATION, FOR CONCRETE INSTALLATIONS ANCHORS MAY BE OFFSET OR STAGGERED TO ACHIEVE 4" MIN. DIAGONAL SPACING, 6" MAX. FROM CORNERS AND 16" MAX. THEREAFTER.

LARGE AND SMALL	DESIGN PRECISE
MISLE IMPACT	WINDSPEED
RESISTANCE	40-50 MPH
5-25 PSF WATER RATING (OUTSWING)	NO WATER RATING (INSWING)

euro wall
Euro-Wall Systems, LLC
24100 Teapo Blvd.
Port Charlotte, FL 33980



GENERAL NOTES:

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) FOR MASONRY APPLICATIONS IN MAW-LAGE COUNTY, USE ONLY MAW-LAGE COUNTY APPROVED MASONRY ANCHORS MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSTER 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 OF ANCHORS SHALL 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 DESIGN STRESSORS WERE USED FOR THE EVALUATION OF ANCHORS INTO WOOD ANCHORS THAT COME INTO CONTACT WITH OTHER DISSEMBLY MATERIALS. SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
- 8) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

REVISIONS

DATE	DESCRIPTION	By
TDS	ORIGINAL ISSUE	

TITLE: Euro E4 Wood Folding Doors

General Notes
Elevation & Anchorage

DATE
Drawn by:
Check by:
Scale

EWS 001

SHEET: 1 of 5



Euro E 4 Wood Folding Doors (Inswing and Outswing)

CONFIGURATION CHART

Note: Available configurations show dot.

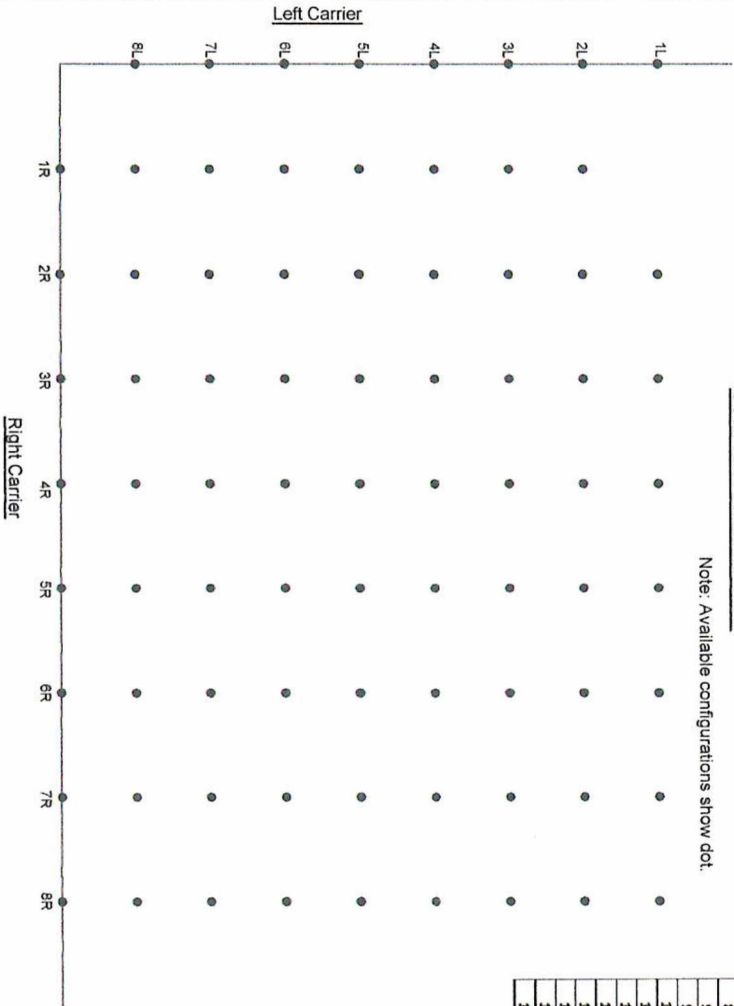


TABLE 1: DESIGN PRESSURE VS. PANEL SIZE

Panel		Design Pressure Table (psf)					
		Panel Width					
Height	24	30	36	42	48	54	60
80	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
86	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
92	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
98	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
104	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
110	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
116	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
122	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
128	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
134	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
140	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55
146	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55	+55/-55

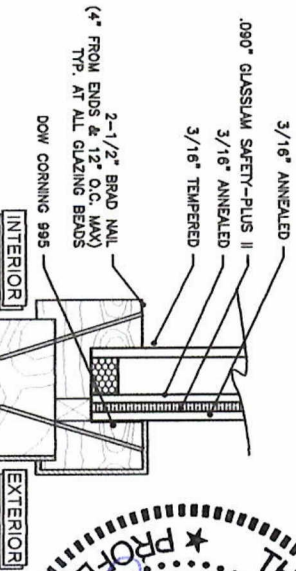
Max Frame Area =
226.023 ft²

TABLE 2: ANCHOR TABLE

SUBSTRATE	ANCHOR	MIN EMBED	MIN EDGE SPACING	CORNER MIN SPACING	MAX	NOTES
CONCRETE	Topscon 1/4" Ø	1 3/4"	2 1/2"	6"	16"	f _{ic} ≥ 2500 psi
GROUT/FILL	Topscon 1/4" Ø	1 3/4"	2 1/2"	6"	16"	f _{ic} ≥ 1800 psi
WOOD	#12 Wood Screw	1 1/2"	0 7/8"	6"	16"	G ≥ 55
ALUMINUM (6061-T6)	#12 SMS	3 threads	1 1/2"	6"	16"	min 1/8" thick
HOT-ROLLED STEEL	#12 SMS	3 threads	1 1/2"	6"	16"	min 1/8" thick

TABLE 3: WOOD SPECIES MINIMUMS

ALL WOOD MEMBERS, EXCLUDING SUBSTRATE, SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
SPECIFIC GRAVITY (G=0.42) — DOUGLASS FIR —
DENSITY (24 LBS/FT³) — DOUGLASS FIR —
MODULUS OF ELASTICITY (E = 1,300,000 PSI)
MODULUS OF RUPTURE (MOE = 9,500 PSI)



(GT-1) 1-3/16" IG
GLAZING DETAIL

euro wall

Euro-Wall Systems, LLC
24100 Taseo Blvd.
Port Charlotte, FL 33980

TITLE:
Euro E4 Wood Folding Doors

Configurations
& Anchorage

REVISIONS

DESCRIPTION
ORIGINAL ISSUE

DATE
TDS

By

By

DATE

Drawn by:

Check by:

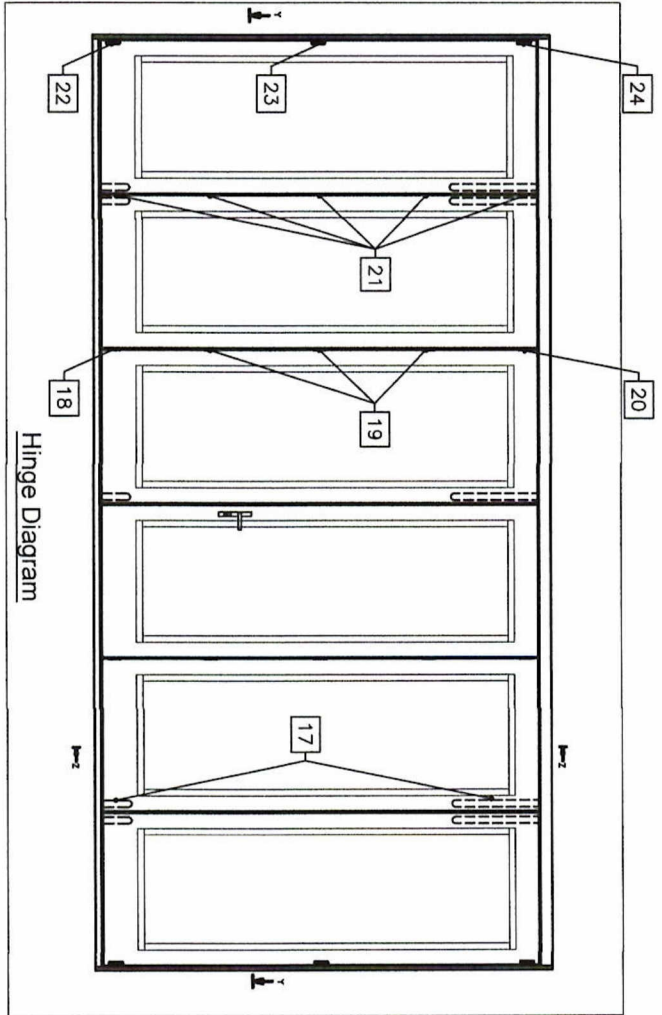
Scale

EWS 001

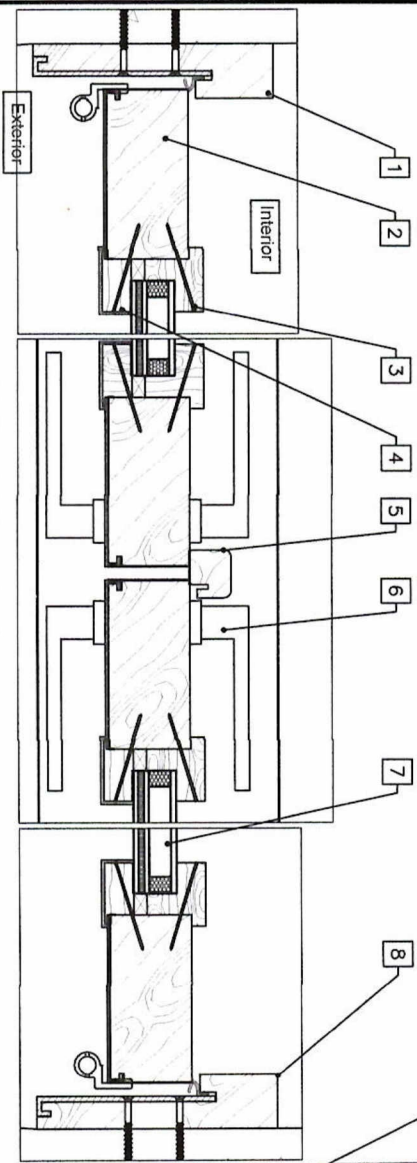
SHEET: 2 of 5

818 ENGINEERING CONSULTANTS, LLC
5333 ELDER CHASE, SUITE 100
HOUSTON, TEXAS 77056
713.466.1333
813.665.1333

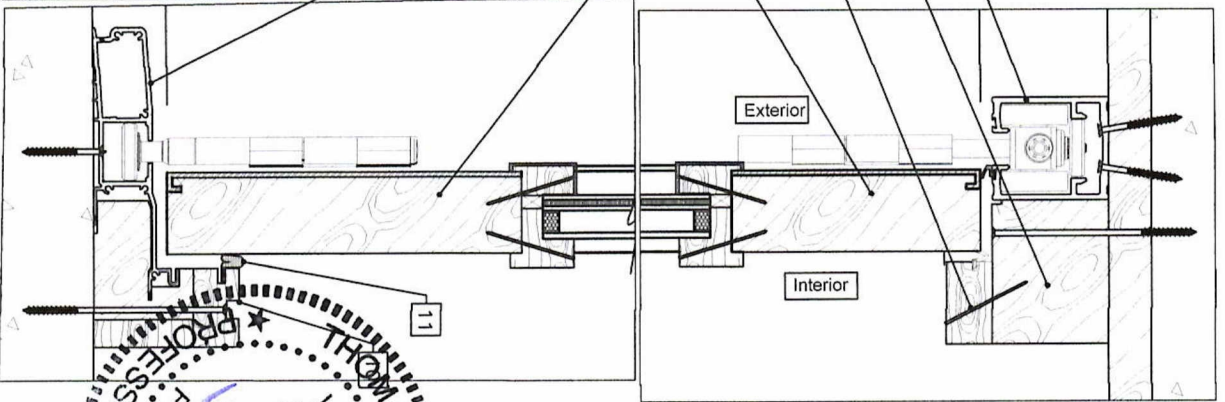
Euro E 4 Wood Folding Doors
(Inswing and Outswing)



Hinge Diagram



Horizontal Cross Section
(Y-Y)



Vertical Cross Section
(Z-Z)

euro wall
Euro-Wall Systems, LLC
24100 Treco Blvd
Port Charlotte, FL 33980

TITLE:
Euro E4 Wood Folding Doors

Outswing
Cross-Sections

REVISIONS		DATE
DESCRIPTION	By	TDS
ORIGINAL ISSUE	By	

DATE

Drawn by

Check by:

Scale

No 55358

STATE OF

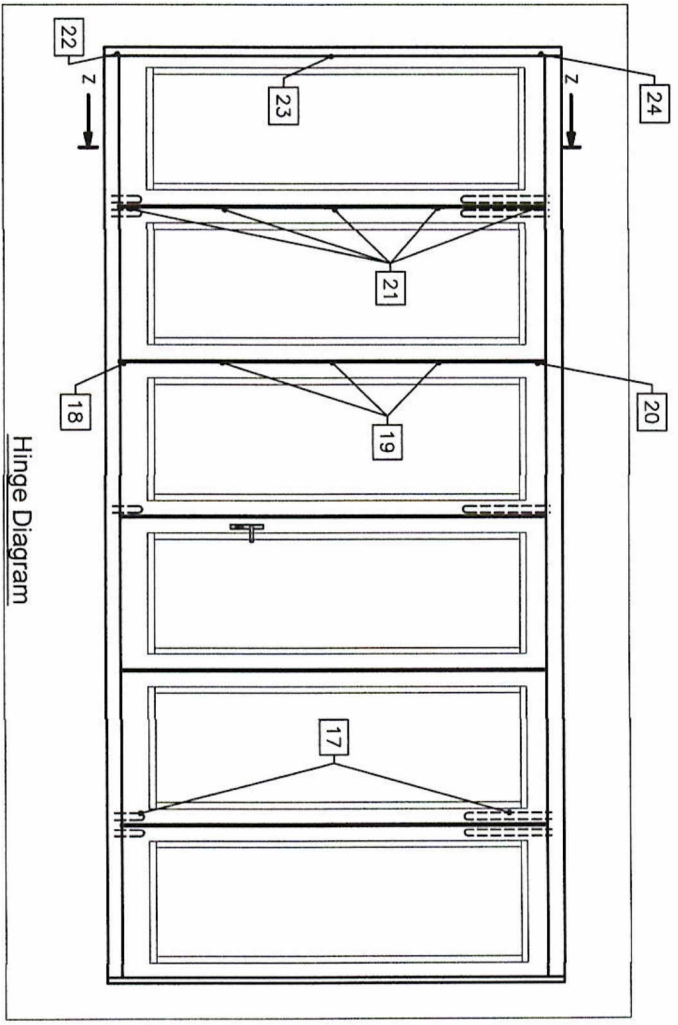
PROFESSIONAL ENGINEER

THOMAS D. SULLIVAN

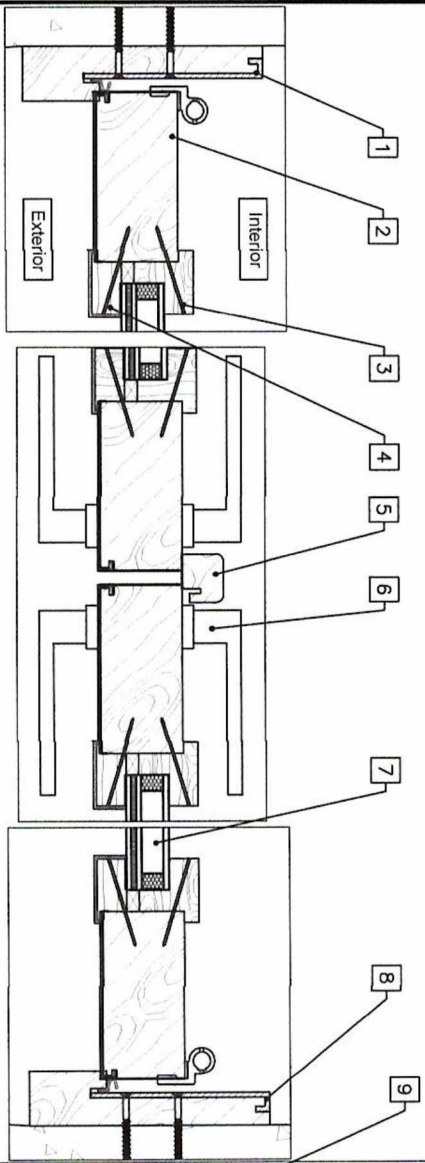
CE 1203

12/1/2018

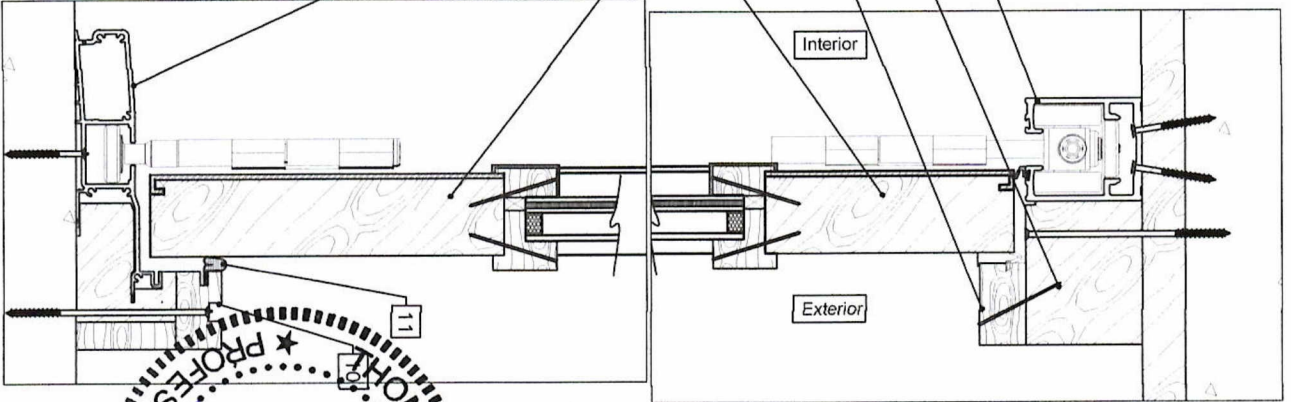
Euro E 4 Wood Folding Doors
(Inswing and Outswing)



Hinge Diagram



Horizontal Cross Section
(Y-Y)



Vertical Cross Section
(Z-Z)

euro wall
Euro-Wall Systems, LLC
24100 Triad Blvd.
Port Charlotte, FL 33980

TITLE:
Euro E4 Wood Folding Doors

Inswing
Cross-Sections

REVISIONS		
DESCRIPTION	By	DATE
ORIGINAL ISSUE	By	TDS

DATE _____

Drawn by: _____

Check by: _____

Scale _____

No 55358

STATE OF FLORIDA

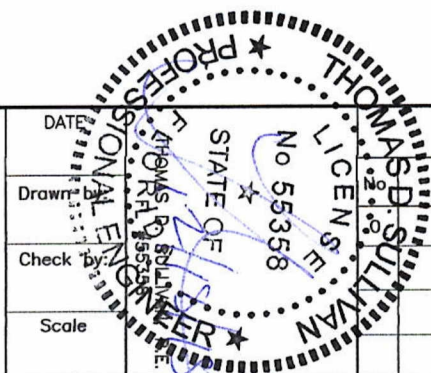
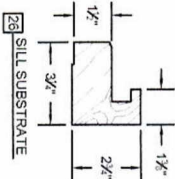
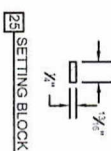
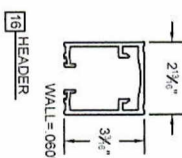
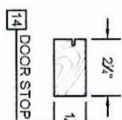
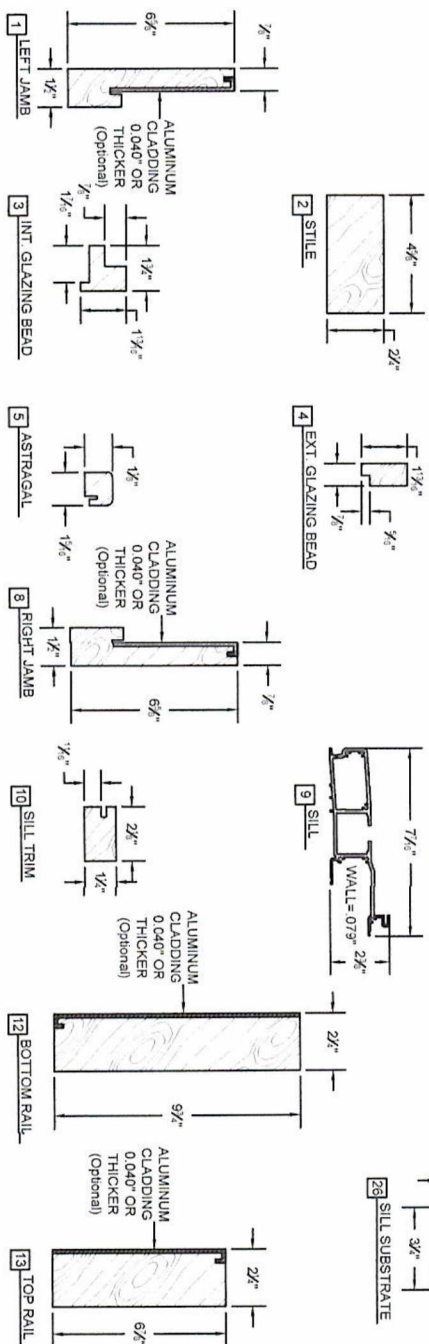
PROFESSIONAL ENGINEER

THOMAS D. SULLIVAN, P.E.

Euro E 4 Wood Folding Doors (Inswing and Outswing)

BILL OF MATERIALS

ITEM #	PART #	DESCRIPTION	MATERIAL	Units	Qty	Notes
1	E4-001 (L)	Left Jamb	Wood - Douglas Fir	pc	1 per unit	
2	E4-002 P	Stile	Wood - Douglas Fir	pc	2 per panel	
3	E4-003 P	Interior Glazing Bead	Wood - Douglas Fir	pc	4 per panel	2 Vertical x 2 Horizontal
4	E4-004 P	Exterior Glazing Bead	Wood - Douglas Fir	pc	4 per panel	2 Vertical x 2 Horizontal
5	E4-005 P	Astragal	Wood - Douglas Fir	pc	1 per unit	On 2-camers applications
6	E4-006 P	Multi Point Lockset	Assembly	pc	1 per unit	On Active Panels only
7	E4-007 P	Glass	Wood - Douglas Fir	pc	1 per panel	1 3/8" IG Impact
8	E4-001 (R)	Right Jamb	Wood - Douglas Fir	pc	1 per unit	
9	E4-008 F	Sill	Aluminum 6063-T5	pc	1 per unit	
10	E4-010 F	Sill Trim	Wood - Douglas Fir	pc	1 per unit	
11	E4-010 F	Weather Strip	Rubber	Feet	Varies	
12	E4-011 P	Bottom Rail	Wood - Douglas Fir	pc	1 per panel	
13	E4-012 P	Top Rail	Wood - Douglas Fir	pc	1 per panel	
14	E4-013 F	Door Stop	Wood - Douglas Fir	pc	1 per unit	
15	E4-014 F	Door Trim	Wood - Douglas Fir	pc	1 per unit	
16	E4-015 F	Header	Aluminum 6063-T5	pc	1 per unit	
17	E4-016 P	Flush Bolts	Aluminum	pc	Varies	
18	E4-017 H	Bottom Intermediate Camer Hinge	Assembly	pc	Varies	
19	E4-018 H	Straight Hinges	Assembly	pc	Varies	
20	E4-019 H	Top Intermediate Camer Hinge	Assembly	pc	Varies	
21	E4-020 H	Offset Hinges	Assembly	pc	Varies	
22	E4-021 H	Bottom Pivot Hinge	Assembly	pc	Varies	
23	E4-022 H	Wall Center Pivot Hinge	Assembly	pc	Varies	
24	E4-023 H	Top Pivot Hinge	Assembly	pc	Varies	
25	E4-024	Setting Block	Wood - Douglas Fir	pc	2 per panel	
26	E4-025	Sill Substrate	Wood - Douglas Fir	pc	1 per unit	



TITLE:
Euro E4 Wood Folding Doors

Bill of Materials

Euro-Wall Systems, LLC
24100 Tiseo Blvd.
Port Charlotte, FL 33980

euro wall

REVISIONS

DESCRIPTION
ORIGINAL ISSUE

DATE
TDS

DATE

Drawn by

Check by

Scale

EWS 001

SHEET: 5 of 5