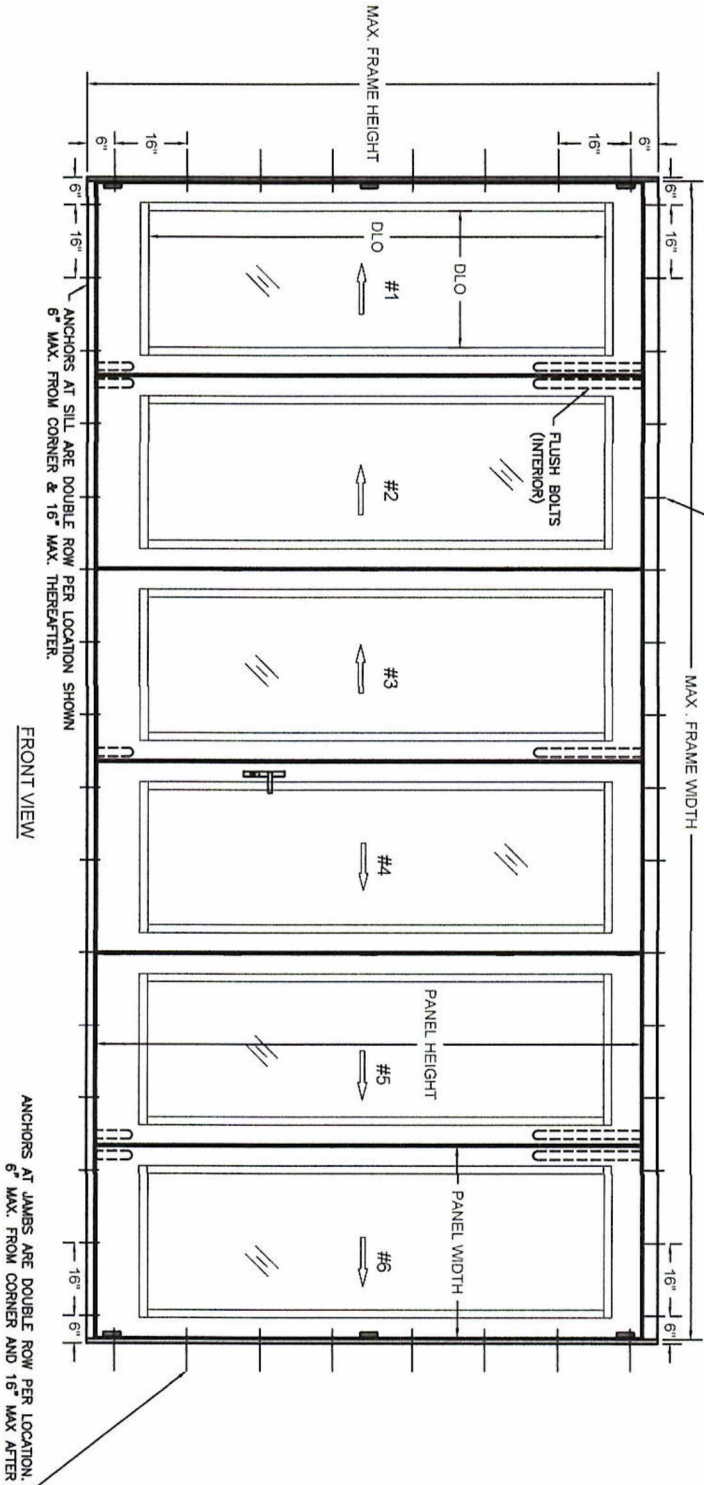


Euro E 4 Wood Folding Doors (Inswing and Outswing)

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 PRESSURE
WIND AND SNOW	WIND RESISTANT
8.25 PSF WATER RATING (OUTSWING)	+55/-55 PSF
NO WATER RATING (INSWING)	

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



GENERAL NOTES:

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE. EXCLUDING THE HIGH VELOCITY WINDBorne COLE (HWC).
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) MATERIALS USED FOR ANCHOR EVALUATIONS WERE SCIENTIFIC PINE, ASTM C99 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 OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 5) 1/4" MAX. SPACING 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
- 7) POSITIVE DESIGN LOADS BASED ON STRUCTURAL TESTING AND CLASS PER ASTM E1300
- 8) POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL TESTING AND CLASS PER ASTM E1300
- 9) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 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.
- 10) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

TITLE:
Euro E4 Wood Folding Doors

General Notes
Elevation & Anchorage

REVISIONS

DESCRIPTION
ORIGINAL ISSUE

By
By

DATE
TDS

DATE

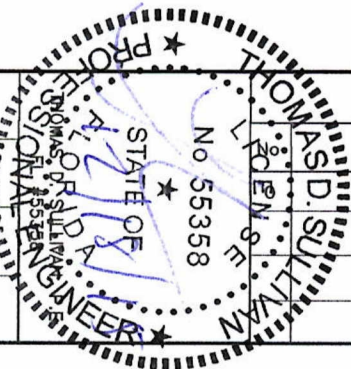
Drawn by

Check by

Scale

EWS 001

SHEET: 1 of 5



Euro E 4 Wood Folding Doors (Inswing and Outswing)

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 =
Unlimited

CONFIGURATION CHART

Note: Available configurations show dot.

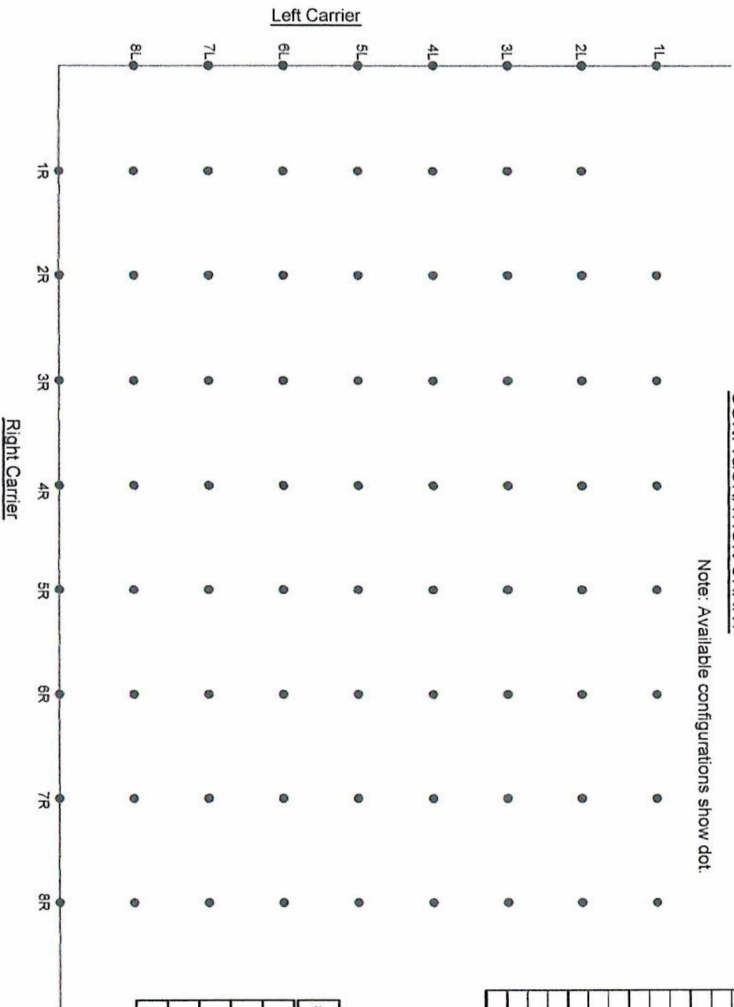


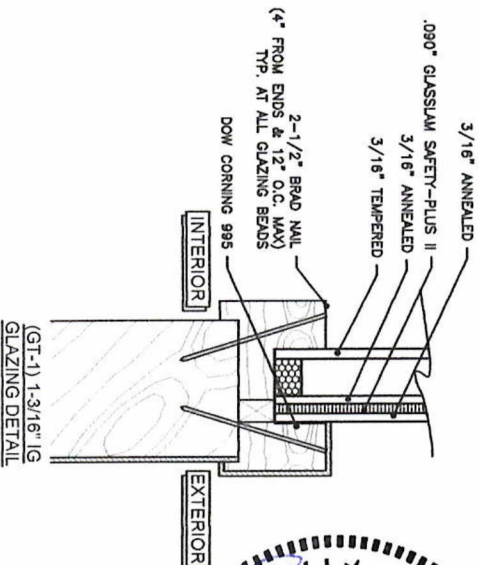
TABLE 2: ANCHOR TABLE

SUBSTRATE	ANCHOR	MIN. EMBED	MIN. EDGE	MIN. CORNER	MAX. SPACING	NOTES
CONCRETE	Tiecon 1/4" Ø	1 3/4"	2 1/2"	6"	18"	f _{cd} ≥ 2500 psi
GROUT/FILL	Tiecon 1/4" Ø	1 3/4"	2 1/2"	6"	18"	f _{cd} ≥ 1800 psi
WOOD	#12 Wood Screw	1 1/2"	0 7/8"	6"	18"	G=0.55
ALUMINUM (6063-T5)	#12 SWS	3 threads	1 1/2"	6"	18"	min 1/8" thick
WET-POURED STEEL	#12 SWS	3 threads	1 1/2"	6"	18"	min 1/8" thick

TABLE 3: WOOD SPECIES MINIMUMS

ALL WOOD MEMBERS EXCLUDING SUBSTRATE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

SPECIFIC GRAVITY (G=40) ---- DOUGLAS-FIR ----
MODULUS OF ELASTICITY (E= 1,350,000 Psi)
MODULUS OF RUPTURE (MOR= 9,500 Psi)



TITLE:
Euro E4 Wood Folding Doors

Configurations
& Anchorage

Euro-Well Systems, LLC
24100 Tiao Blvd
Port Charlotte, FL 33980

euro wall

REVISIONS

DESCRIPTION
ORIGINAL ISSUE

DATE
By

TDS
By

DATE

Drawn

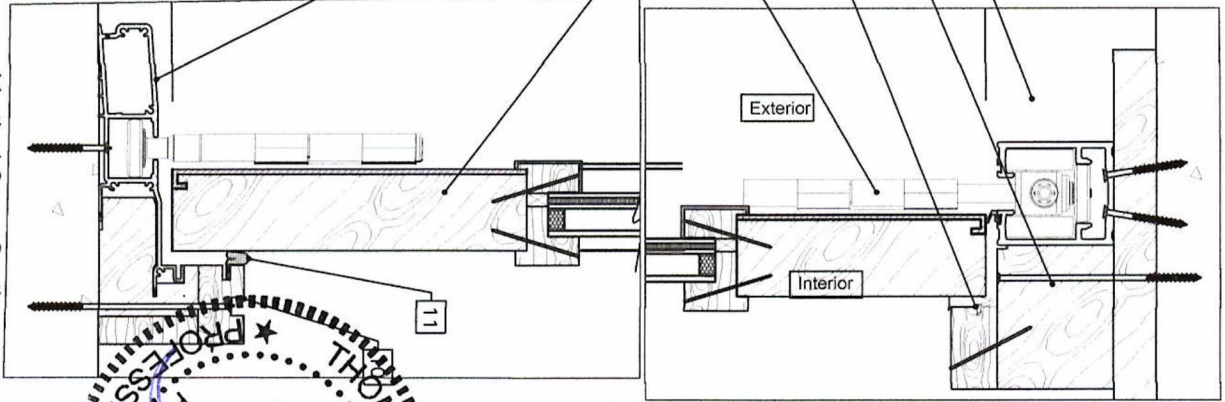
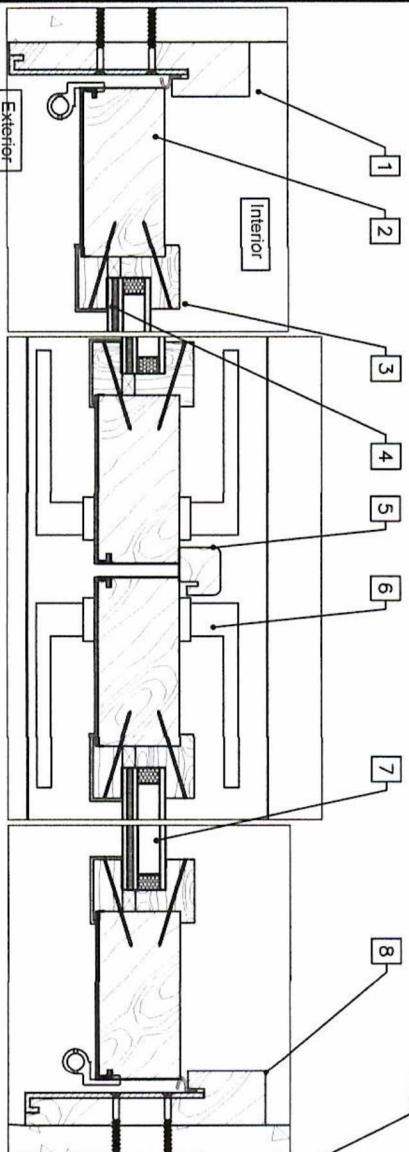
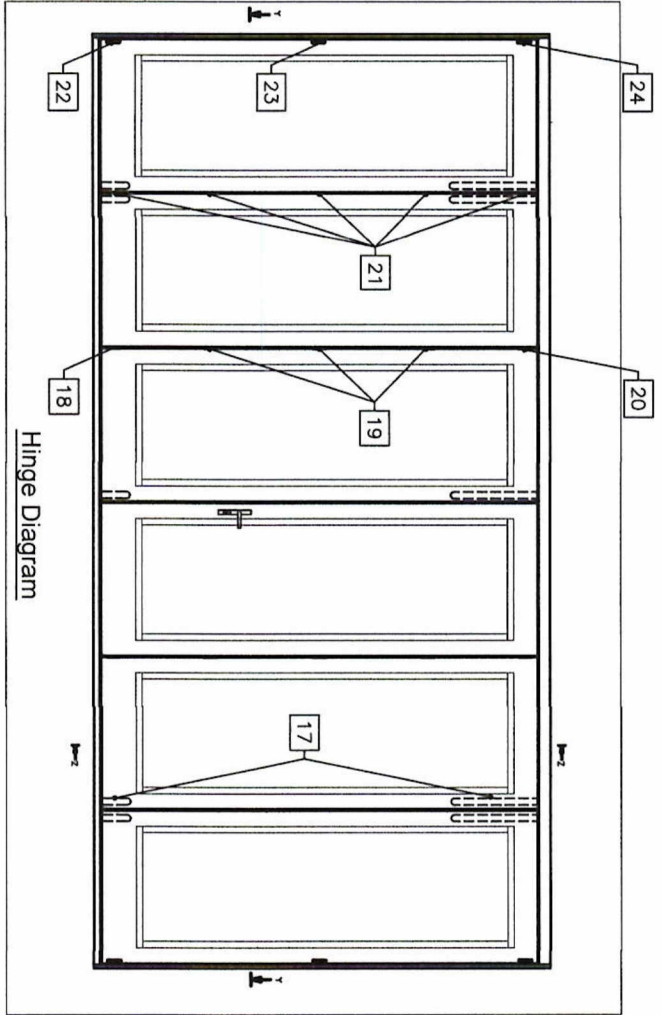
Check

Scale

EWS 001

SHEET: 2 of 5

Euro E 4 Wood Folding Doors
(Inswing and Outswing)



euro wall
Euro-Wall Systems, LLC
24100 Trace Blvd.
Fort Charlotte, FL 33980

TITLE:
Euro E4 Wood Folding Doors

Outswing Cross-Sections

REVISIONS		
DATE	By	DESCRIPTION
		ORIGINAL ISSUE

THOMAS D. SULLIVAN
Professional Engineer
No. 55358
STATE OF FLORIDA
P.E.

DATE

Drawn by: **EWS 001**

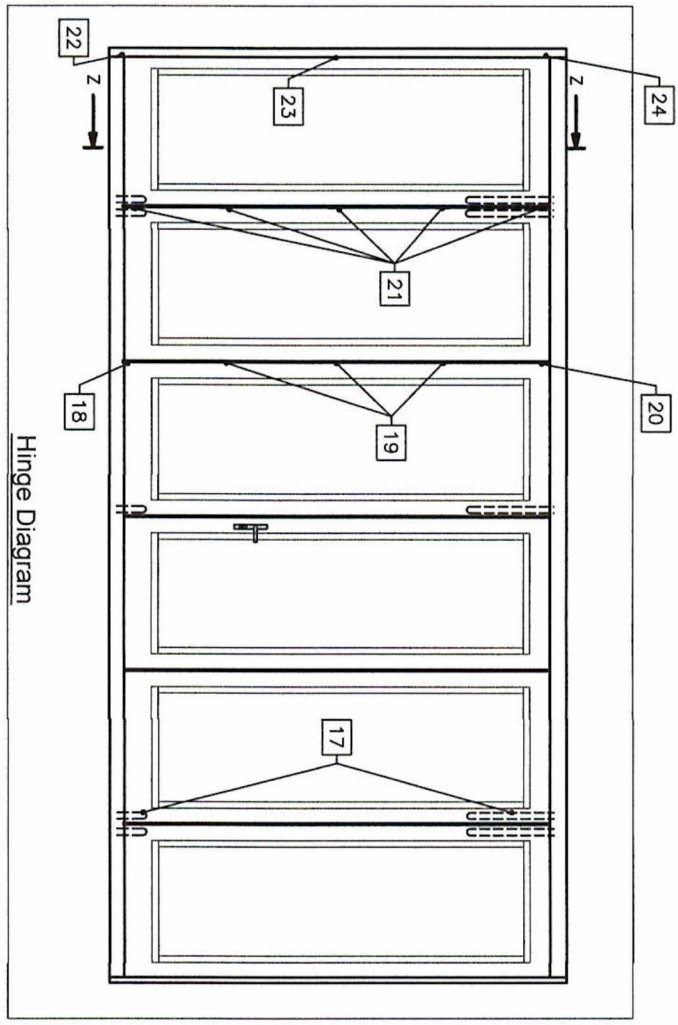
Check by: **EWS 001**

Scale: **1/4" = 1'-0"**

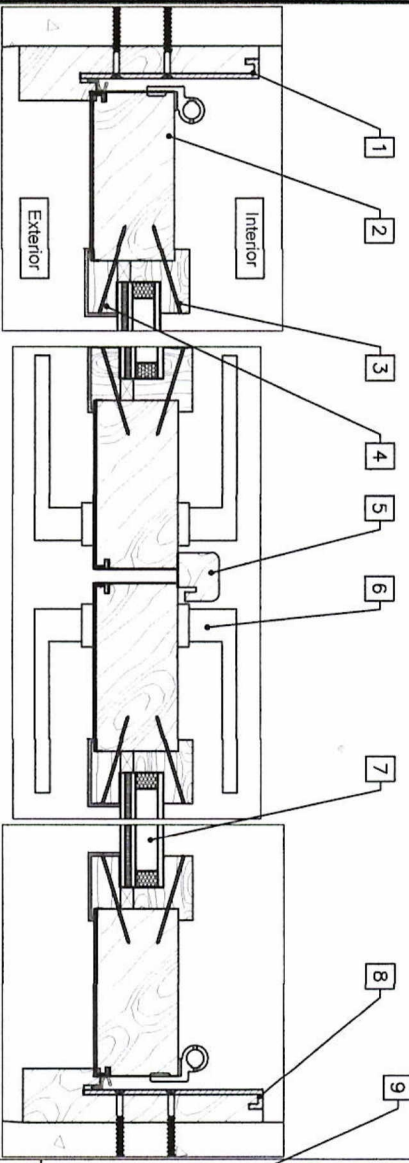
SHEET: 3 of 5

BBB ENGINEERING CONSULTANTS, LLC
5501 W. 11th Avenue, Suite 100
Fort Lauderdale, FL 33304
(954) 571-1323

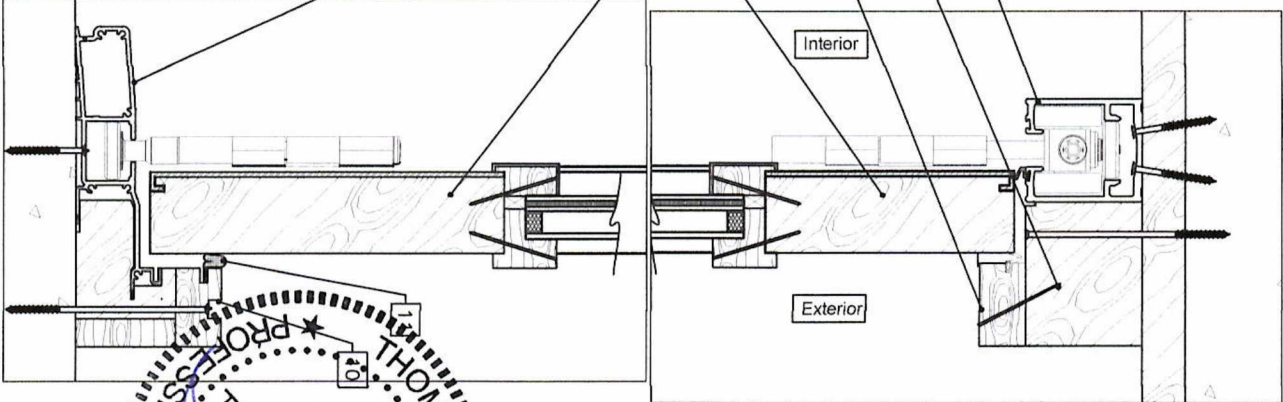
Euro E4 Wood Folding Doors
(Inswing and Outswing)



Hinge Diagram



Horizontal Cross Section
(Y-Y)



Vertical Cross Section
(Z-Z)

THOMAS D. SULLIVAN, P.E.
Professional Engineer
No 55358
STATE OF FLORIDA
Professional Engineer
No 55358

TITLE:
Euro E4 Wood Folding Doors

Inswing
Cross-Sections

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

REVISIONS

DESCRIPTION
ORIGINAL ISSUE

By
By

DATE
TDS

DATE

Drawn by:

Check by:

Scale

EWS 001

SHEET: 4 of 5

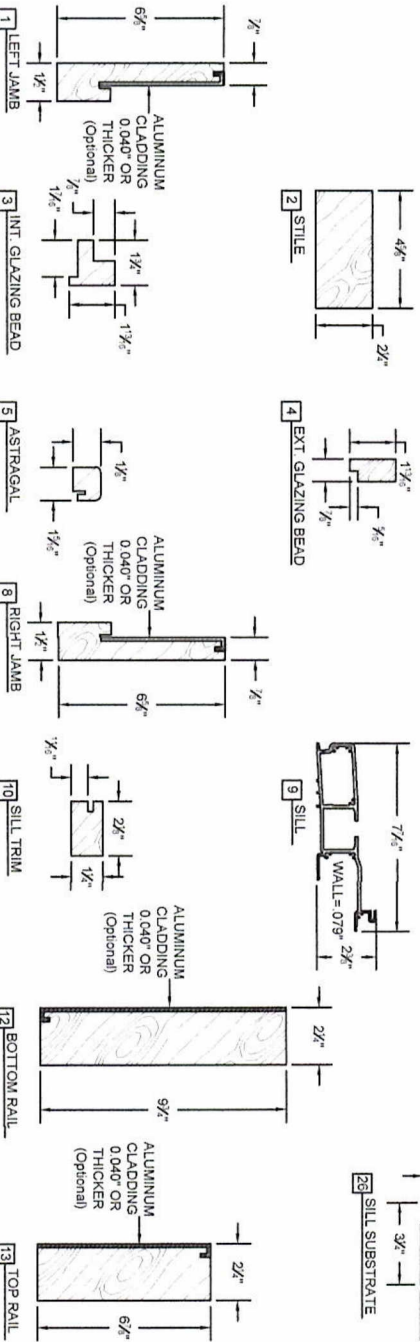
888 ENGINEERING CONSULTANTS, LLC
500 SILVER CHERRY TERRACE
WESTLY CHAPEL, FL 32834
352-440-0000
813-566-0000

Euro E 4 Wood Folding Doors (Inswing and Outswing)

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

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-carrier 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	E4-009 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 Carrier Hinge	Assembly	pc	Varies	
19	E4-018 H	Straight Hinges	Assembly	pc	Varies	
20	E4-019 H	Top Intermediate Carrier 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

REVISIONS

DESCRIPTION
ORIGINAL ISSUE

DATE
TDS

By

By

DATE

Drawn by:

Check by:

Scale

EWS 001

SHEET: 5 of 5

