

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ) & IS LARGE MISSILE IMPACT RATED.
5. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
6. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
7. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
9. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. THESE DRAWINGS SHOW ALL APPLICABLE ELEVATION, COMBINATION, INSTALLATION & COMPARATIVE ANALYSIS CONDITIONS AS DETERMINED THROUGH TESTING & ENGINEERING RATIONAL ANALYSIS. PRODUCT ASSEMBLY SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
10. CERTIFICATION OF THIS PRODUCT SHALL BE CONSIDERED VOID IF IT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF IT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.
11. ALL WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC REQUIREMENTS.

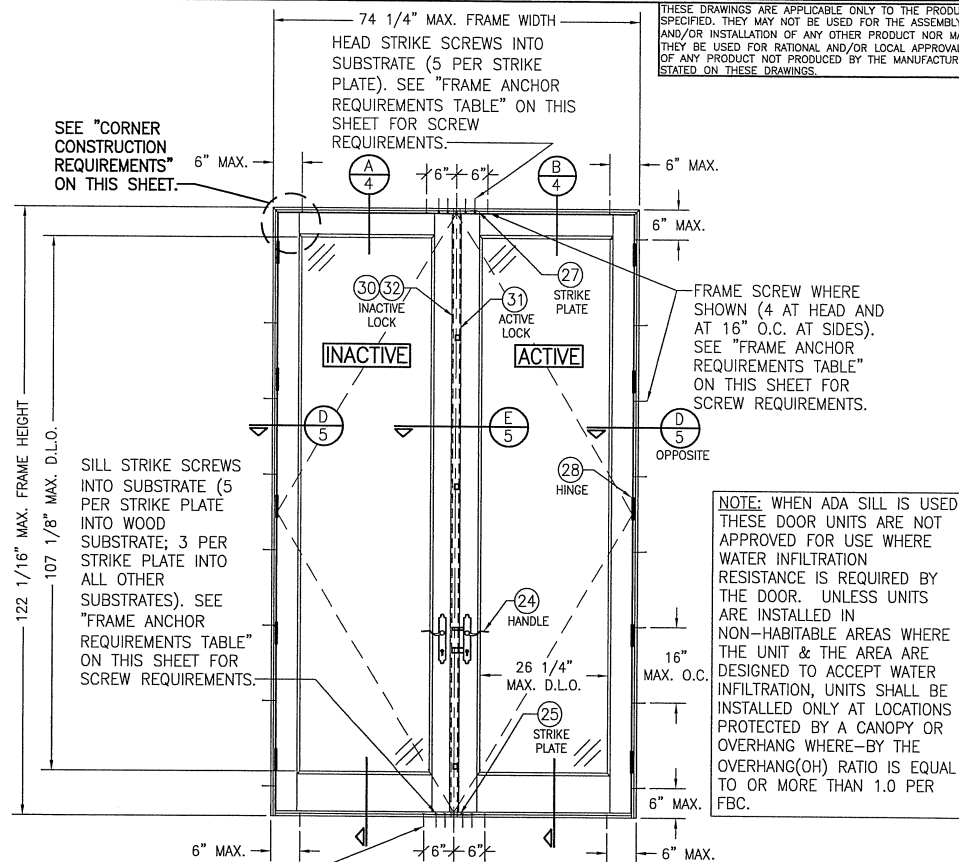
EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THIS PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE EVALUATION ENGINEER OF RECORD THAT EVERYTHING SPECIFIED HERE-IN IS CURRENT WITH ALL CURRENT TESTING, CODES AND APPLICABLE STANDARDS.

HINGE REQUIREMENTS		
FRAME HEIGHT	MIN. #	OF HINGES
ABOVE 110"	5	
84" TO 110"	4	
BELOW 84"	3	

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/STRIKE TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME/SILL SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/2"	2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
SILL STRIKE SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$)	NO. 12 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"
HEAD STRIKE SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI Kwik-CON II (HARDENED STEEL OR S.S.).



SILL SCREWS WHERE SHOWN (4 TOTAL). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SCREW REQUIREMENTS.

EXTERIOR ELEVATION: DOUBLE RECTANGULAR OUT-SWING DOOR

SCALE: 1/2"=1'-0"
(RECTANGULAR DOOR SHOWN, SHAPED DOORS ALSO APPLY. SEE "APPROVED SHAPES" TABLE ON SHEET 2)

ALLOWABLE DESIGN PRESSURE (INDIVIDUAL & MULLED UNITS)
+60/-70 PSF

CORNER CONSTRUCTION:

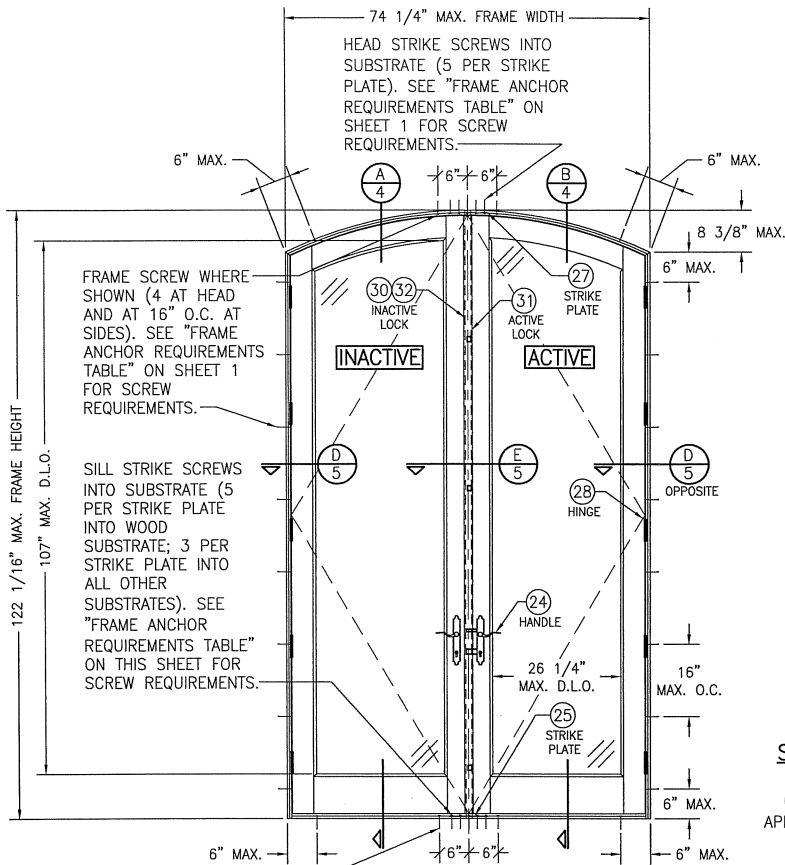
WOOD HEAD JAMB: HEAD JAMB IS COPED & BUTTED TO SIDE JAMB AND SECURED WITH FOUR (4) NO. 10 X 2 1/2" S.S. WOOD SCREWS THRU SIDE JAMBS INTO HEAD JAMB.
WOOD SILL JAMB: SITS ON SYNBOARD SUBSILL, IS BUTTED TO SIDE JAMBS & SECURED WITH 2 NO. 10 X 2 1/2" S.S. SCREWS THROUGH SIDE JAMB INTO WOOD SILL PLUS (4) 18 GA. X 3/4" STAPLES THROUGH SUBSILL & INTO SIDE JAMB. JOINT IS SEALED WITH DOW 1199 SILICONE.
JAMB CLAD: MITERED AND SECURED WITH ONE (1) NO. 8 X 1" S.S. WOOD SCREW.
WOOD SASH: RAILS ARE BUTTED WITH MORTISE & TENON TO STILES AND GLUED WITH FRANKLIN MULTI-BOND WOOD GLUE.
SASH CLAD: BUTTED AND SLID ONTO WOOD MEMBERS

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

FRAME SCREW WHERE SHOWN (4 AT HEAD AND AT 16" O.C. AT SIDES). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR SCREW REQUIREMENTS.

NOTE: WHEN ADA SILL IS USED, THESE DOOR UNITS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED BY THE DOOR. UNLESS UNITS ARE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT & THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION, UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG WHERE-BY THE OVERHANG(OH) RATIO IS EQUAL TO OR MORE THAN 1.0 PER FBC.

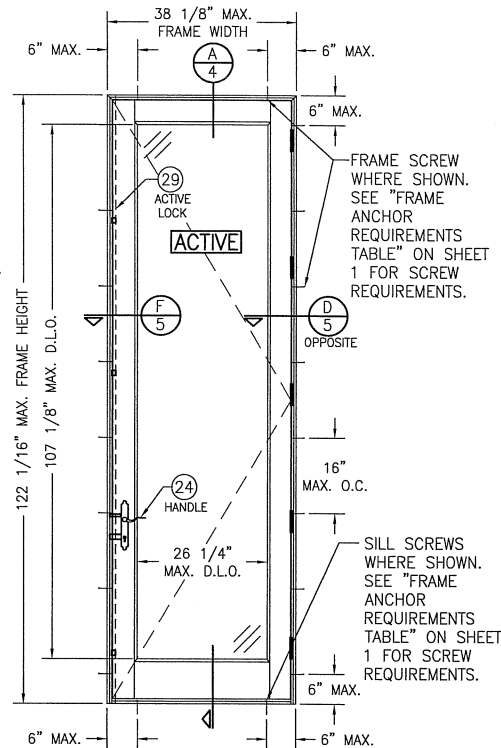
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 09/17/09	
DATE	BY	REVISION	DESCRIPTION
08/22/11	W.R.M.	A1	UPDATE TO CURRENT STANDARDS
07/06/13	W.W.S.	B1	UPDATE TO CURRENT STANDARDS
DRAWING TITLE: 10" ALUMINUM CLAD MAHOGANY 2 1/4" OUTSWING FRENCH DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PALM CITY MILLWORK, INC.	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CERTIFICATION: JAN 08 2015	W. W. SCHAEFER, P.E. P.E. NO. 44136	DRAWING NO. 1681	REV. B
SHEET NO. 1 OF 7			



**EXTERIOR ELEVATION;
DOUBLE EYEBROW OUT-SWING DOOR**

SCALE: 1/2"=1'-0"

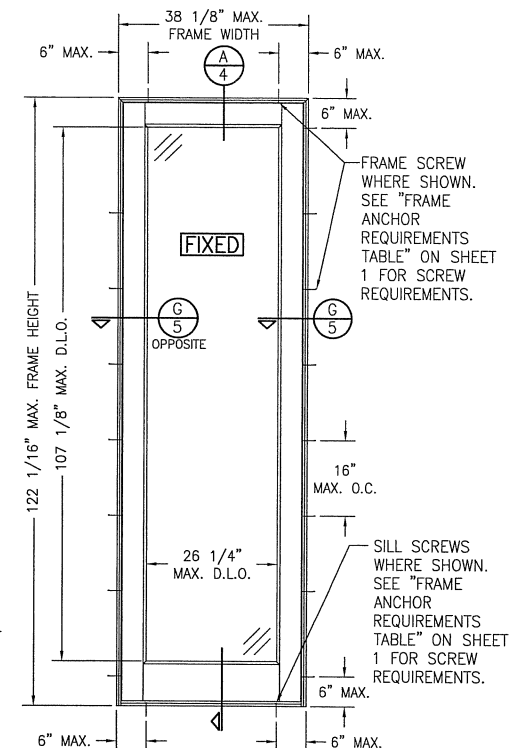
SILL SCREWS WHERE SHOWN (4 TOTAL). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS.



**EXTERIOR ELEVATION;
SINGLE RECTANGULAR OUT-SWING DOOR**

SCALE: 1/2"=1'-0"

(RECTANGULAR DOOR SHOWN, SHAPED DOORS ALSO APPLY. SEE "APPROVED SHAPES" TABLE ON THIS SHEET)



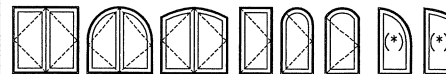
**EXTERIOR ELEVATION;
SINGLE RECTANGULAR FIXED PANEL DOOR**

SCALE: 1/2"=1'-0"

(RECTANGULAR FIXED PANEL SHOWN, SHAPED FIXED PANEL DOORS ALSO APPLY. SEE "APPROVED SHAPES" TABLE ON THIS SHEET)

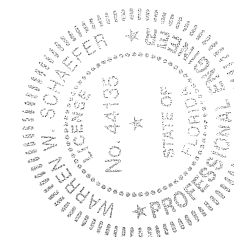
RECTANGULAR DOOR & FIXED PANEL SHOWN. ANCHORING OF SHAPED DOORS & FIXED PANELS ARE THE SAME WITH REQUIRED ANCHOR SPACING ALONG THE FRAME CIRCUMFERENCE BEING THE SAME AS SPECIFIED FOR A STRAIGHT FRAME.

APPROVED SHAPES

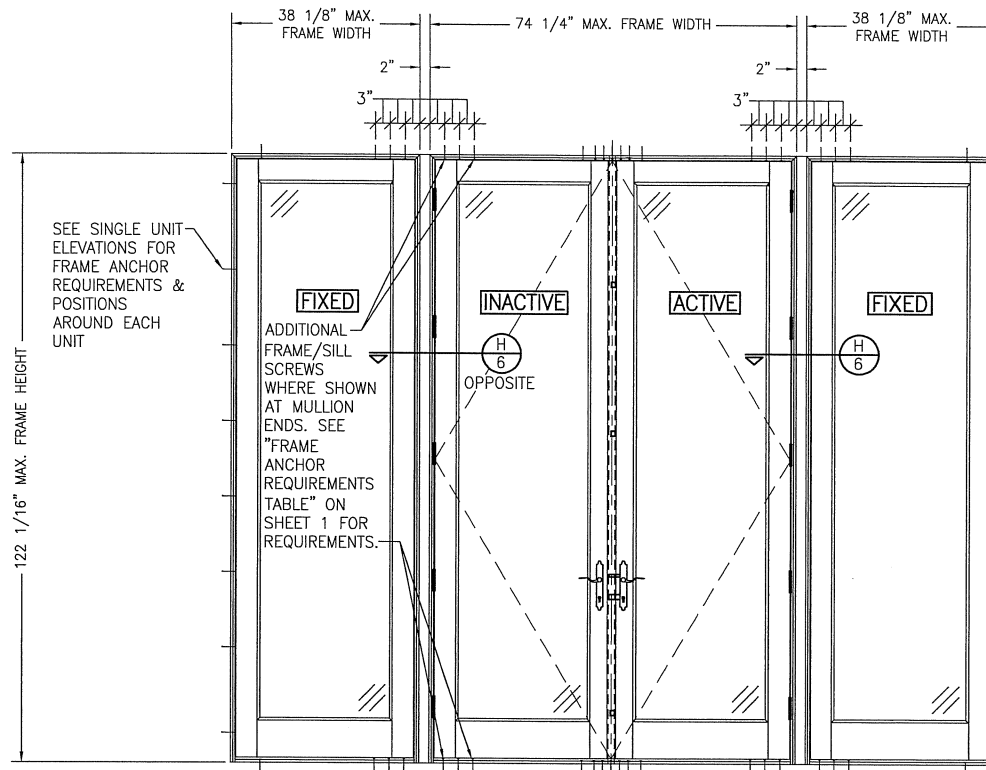


NOTES:

1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED IN THIS DRAWING.
2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.
3. THE SHAPES LABELED (*) ARE ONLY APPLICABLE TO FIXED PANEL DOORS (NOT APPLICABLE TO OPERABLE DOORS).



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 09/17/09	
DATE	BY	NO.	REVISION DESCRIPTION
DRAWING TITLE 10" ALUMINUM CLAD MAHOGANY 2 1/4" OUTSWING FRENCH DOORS			
MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598			
CONSULTANTS W. W. SCHAEFFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION JAN 08 2015	WABREN W. SCHAEFFER, P.E. E.L.E. NO. 44136		
DRAWING NO. 1681	REV. B	SHEET NO. 2 OF 7	



NOTE: WHEN AN ADA THRESHOLD IS USED WITH THE DOORS, THIS UNCLIPPED MULLION CONDITION SHOWN MAY NOT BE USED. WITH ADA THRESHOLD USE, MULLIONS MUST BE CLIPPED MULLIONS UNDER SEPERATE APPROVAL.

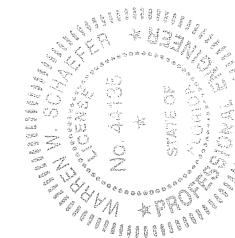
**EXTERIOR ELEVATION:
DOUBLE DOORS WITH FIXED PANLES**

SCALE: 1/2" = 1'-0"

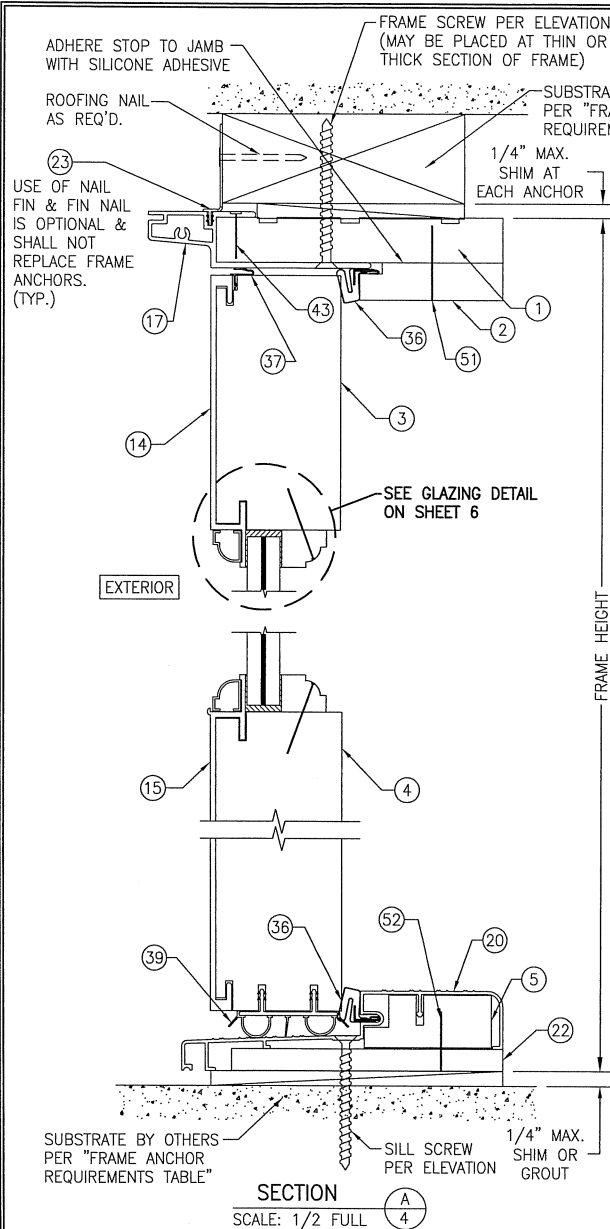
(RECTANGULAR DOORS SHOWN, SHAPED DOORS ALSO APPLY. SEE "APPROVED SHAPED" TABLE ON SHEETS 2)

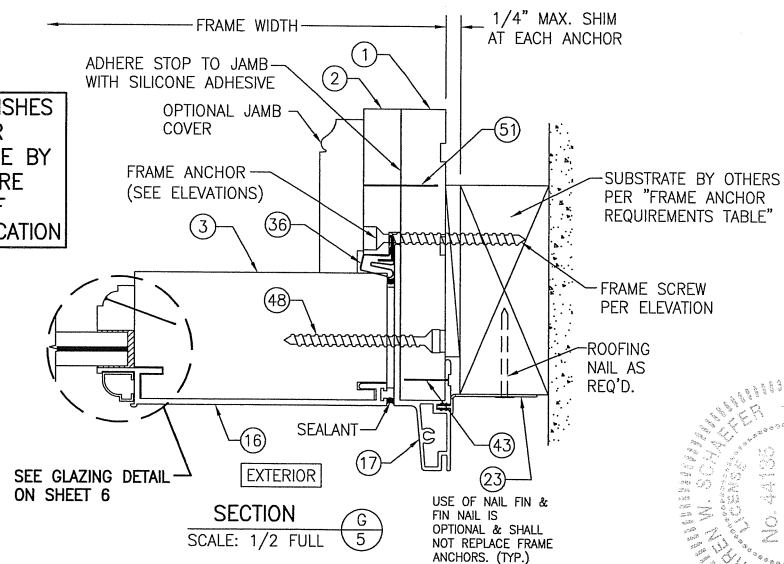
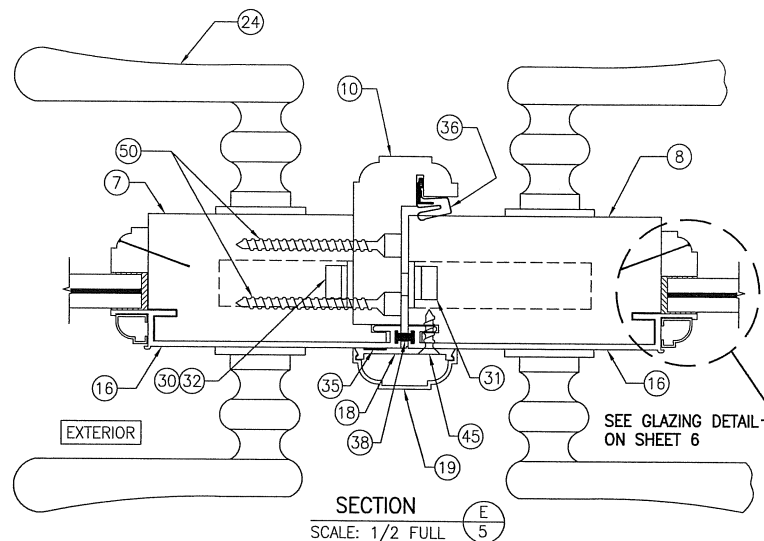
MULTIPLE UNIT NOTES:

1. FOR ALL DETAIL NOT SHOWN, SEE INDIVIDUAL UNIT ELEVATIONS.
2. THERE IS NO LIMIT ON THE NUMBER OF DOORS THAT MAY BE COMBINED IN ONE DIRECTION INTO ONE OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT ALL LOADS TRANSFERRED FROM THE DOORS & THEIR MULLIONS.
3. OXO UNIT IS SHOWN. ALL OTHER FIXED/OPERABLE COMBINATIONS ALSO APPLY WITH THE MULLION CONDITIONS SHOWN.



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 08/17/09	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: 10' ALUMINUM CLAD MAHOGANY 2 1/4" OUTSWING FRENCH DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PALM CITY MILLWORK, INC.	
7480 150TH COURT NORTH, PALM BEACH GARDENS, FL 33418		3313 S.W. 42ND AVE., PALM CITY, FL 34990	
PHONE: 561-744-5424		800-273-5598	
CERTIFICATION: JAN 08 2015		WARREN W. SCHAEFER, P.E. NO. 44135	
DRAWING NO. 1681	REV. B	SHEET NO. 3 OF 7	

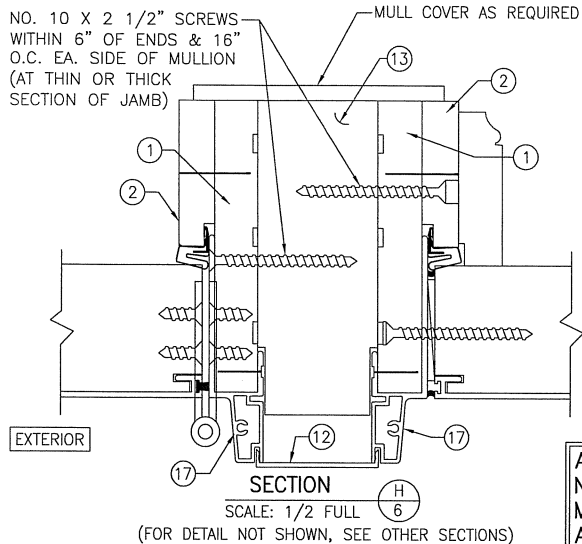




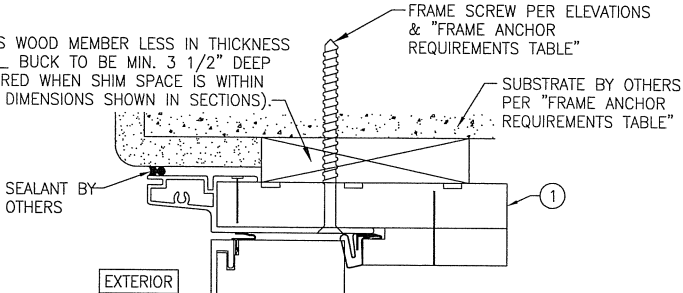
OPENING FINISHES
& PERIMETER
SEALANTS ARE BY
OTHERS & ARE
NOT PART OF
THIS CERTIFICATION

[illegible]

NO. 10 X 2 1/2" SCREWS
WITHIN 6" OF ENDS & 16"
O.C. EA. SIDE OF MULLION
(AT THIN OR THICK
SECTION OF JAMB)



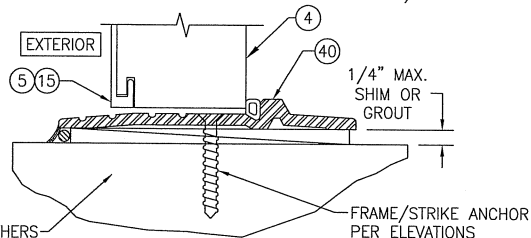
CONTINUOUS WOOD MEMBER LESS IN THICKNESS
THAN A 2X BUCK TO BE MIN. 3 1/2" DEEP
(NOT REQUIRED WHEN SHIM SPACE IS WITHIN
ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).



**OPTIONAL DIRECT MOUNT
TO SUBSTRATE WITH SPACER**

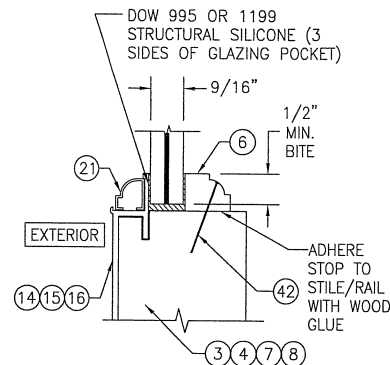
(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED SIMILAR)

ADA THRESHOLD MAY
NOT BE USED WITH
MULLED UNITS UNLESS
A CLIPPED MULLION
UNDER SEPERATE
APPROVAL IS USED



OPTIONAL ADA THRESHOLD DETAIL

(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

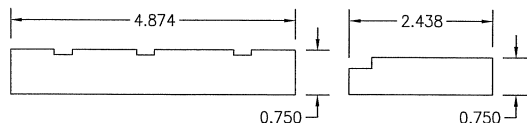


GLAZING DETAIL

SCALE: 1/2 FULL

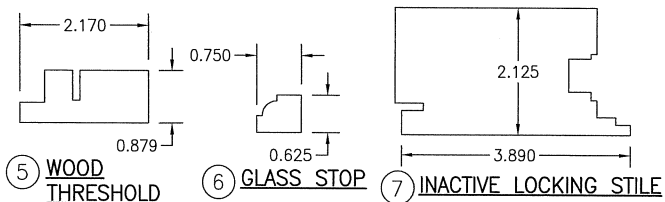
OPTION #1: 9/16" THICK EASTMAN CHEM. CO.
SAFLEX LAMINATED GLASS (1/4"
ANNEALED/0.090" SAFLEX/1/4"
ANNEALED)

OPTION #2: 9/16" THICK DUPONT SG LAMINATED
GLASS (1/4" ANNEALED/0.090"
SG/1/4" ANNEALED)



① HEAD & SIDE JAMB

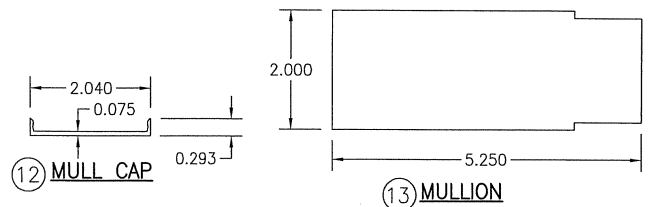
② DOOR STOP



⑤ WOOD
THRESHOLD

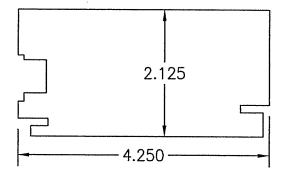
⑥ GLASS STOP

⑦ INACTIVE LOCKING STILE

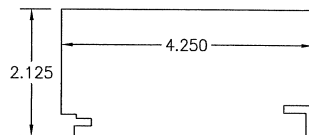


⑫ MULL CAP

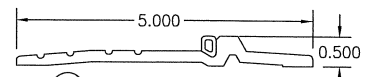
⑬ MULLION



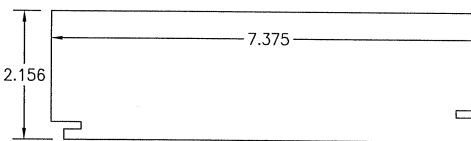
⑧ ACTIVE LOCKING STILE



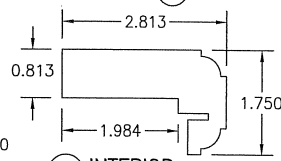
③ TOP RAIL, FIXED PANEL
STILE & HINGE STILE



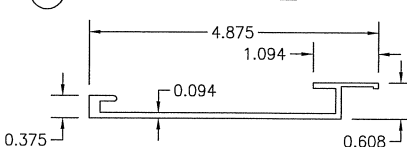
⑨ ADA THRESHOLD



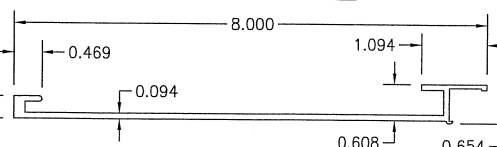
④ BOTTOM RAIL



⑩ INTERIOR
ASTRAGAL



⑭ TOP RAIL COVER

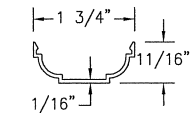


⑮ BOTTOM RAIL COVER

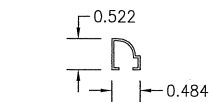
DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 09/17/09
DATE	BY
NO.	REVISION DESCRIPTION
DRAWING TITLE 10" ALUMINUM CLAD MAHOGANY 2 1/4" OUTSWING FRENCH DOORS	
MANUFACTURER PALM CITY MILLWORK, INC. 3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 8809) 7480 150TH COURT NORTH, 33418 PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION JAN 08 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1681	REV. B
SHEET NO. 6 OF 7	

BILL OF MATERIALS		
ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD & SIDE JAMB	WOOD
2	DOOR STOP	WOOD
3	TOP RAIL, FIXED PANEL STILE & HINGE STILE	WOOD
4	BOTTOM RAIL	WOOD
5	WOOD THRESHOLD	WOOD
6	GLASS STOP	WOOD
7	INACTIVE LOCKING STILE	WOOD
8	ACTIVE LOCKING STILE	WOOD
9	ADA THRESHOLD	BY: PEMKO #2005/6063-T5 ALUMINUM
10	INTERIOR ASTAGAL	WOOD
12	MULLION COVER	6063-T5 ALUMINUM
13	MULLION	WOOD
14	TOP RAIL COVER	6063-T5 ALUMINUM
15	BOTTOM RAIL COVER	6063-T5 ALUMINUM
16	STILE COVER	6063-T5 ALUMINUM
17	JAMB COVER	6063-T5 ALUMINUM
18	EXTERIOR ASTRAGAL BASE	6063-T5 ALUMINUM
19	EXTERIOR ASTRAGAL COVER	6063-T5 ALUMINUM
20	ALUMINUM THRESHOLD	6063-T5 ALUMINUM
21	OPTIONAL DECORATIVE GLAZING CAP	6063-T5 ALUMINUM
22	SUBSILL (3/8" X 4 5/8" X SILL LENGTH)	COMPOSITE
23	NAIL FIN	VINYL
HARDWARE		
24	HANDLE	AS REQUIRED TO OPERATE DOOR
25	SILL STRIKE PLATE	6063-T5 ALUMINUM
26	REINFORCEMENT PLATE	304 S.S.
27	HEAD STRIKE PLATE	6063-T5 ALUMINUM
28	HINGE (BRASS, S.S., OR PLATED STEEL)	HAGER #1191 4 1/2" X 4 1/2"
29	3-POINT LOCK HARDWARE	K.F.V. #AS7370
30	2-POINT LOCK HARDWARE	K.F.V. #AS7370
31	5-POINT LOCK HARDWARE	K.F.V. #AS7370
32	FLUSH BOLT ASSEMBLY (TOP & BOTTOM)	HAGER #282 OR KVF AS7000
SEALS & SEALANTS		
35	FOAM WEATHER STRIPPING	CLEAN SEAL RIBBED FOAM ADHESIVE
36	WEATHER STRIP	SCHLEGEL Q-LON #QEBD-650
37	POLYFLEX SEAL	SCHLEGEL #PF-109
38	SEAL	SCHLEGEL 5/32" BLACK FIN SEAL
39	DOOR SWEEP	VINYL

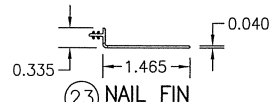
NOTE: WOOD USED WITH TEST UNITS WAS SELECT WHITE PINE (E = 1,200,00 & G = 0.43) AT JAMBS AND SELECT MAHOGANY (E = 1,600,00 & G = 0.62) AT ALL STILES & RAILS, VANERS, STOPS AND ASTRAGALS. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY AND MODULUS OF ELASTICITY GREATER THAN THOSE USED WITH TEST UNITS. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PALM CITY MILLWORK, INC. TO SELECT.



19 EXTERIOR ASTRAGAL COVER

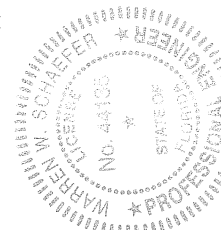
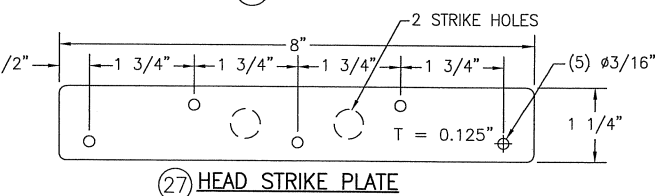
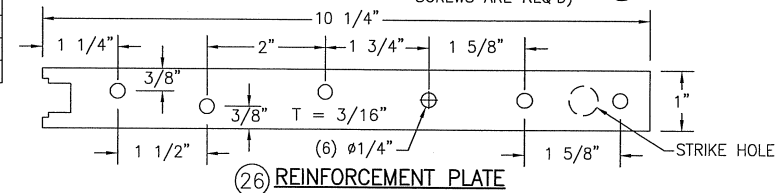
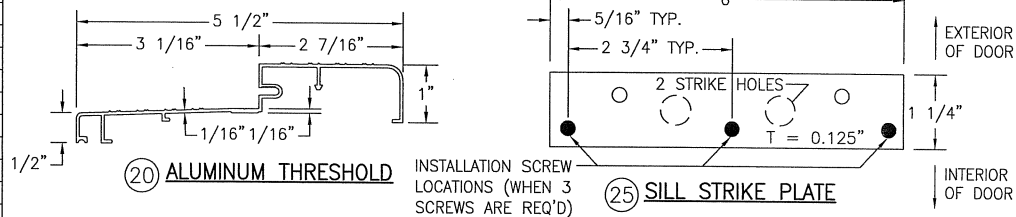
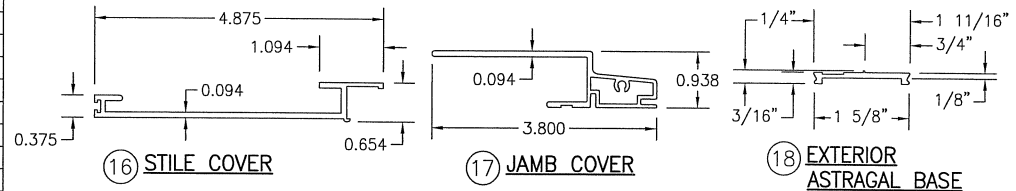


21 OPTIONAL DECORATIVE GLAZING CAP



23 NAIL FIN

BILL OF MATERIALS		
ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
FASTENERS		
42	18 GA. X 1" FINISH NAIL	2" FROM CORNERS & 5" MAX. O.C.
43	18 GA. X 7/8" X 3/4" S.S. STAPLES	5" FROM CORNERS & 6" MAX. O.C.
44	#12 X 1 1/8" FH SS WOOD SCREW	4 PER HINGE INTO DOOR PANEL
45	#8 X 3/4" S.S. SCREW	6" FROM TOP & BOTTOM & 6" MAX. O.C.
46	#8 X 1" FH WOOD SCREW	3 PER HEAD STRIKE PLATE
47	#10 X 2 1/2" FH SS SMS	6 PER REINFORCEMENT PLATE
48	#10 X 2 1/2" FH SS SMS	5" FROM ENDS & 16" MAX. O.C.
49	#12 X 3/4" WOOD SCREW	4 PER HINGE INTO JAMB
50	#10 X 2 1/2" FH SS WOOD SCREW	TWO 2" FROM TOP & BOT. & 12" O.C., STAGGERED
51	18 GA. X 1 1/4" BRAD NAIL	WITHIN 3" OF CORNERS & MAX. 12" O.C.
52	18 GA. X 1" FINISH NAIL	3" O.C. STAGGERED



DRAWING TITLE		10' ALUMINUM CLAD MAHOGANY 2 1/4" OUTSWING FRENCH DOORS	
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		PALM CITY MILLWORK, INC.	
7480 150TH COURT NORTH, PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		3313 S.W. 42ND AVE. PALM CITY, FL 34990 800-273-5598	
CERTIFICATION	JAN 08 2015		
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO.	1681		REV.
SHEET NO.		B	
7 OF 7			
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 05/17/05	
NO.	REVISION DESCRIPTION	BY	DATE