

GENERAL NOTES:

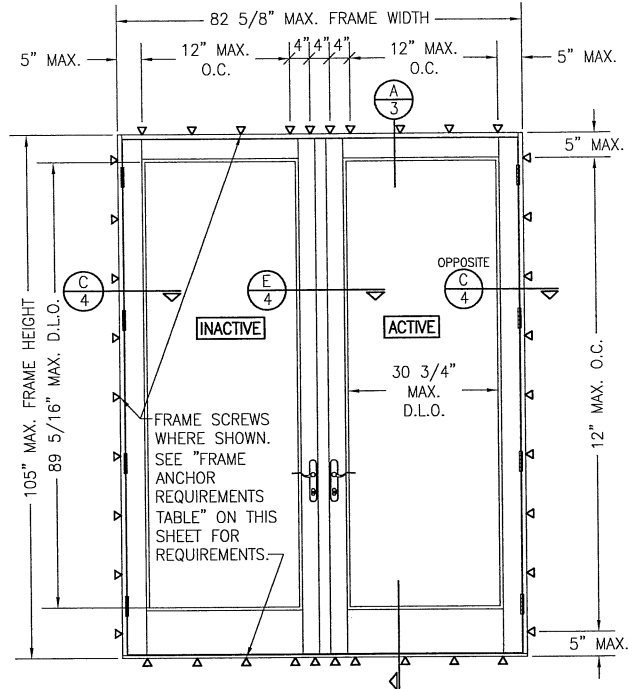
1. THIS PRODUCT HAS BEEN TESTED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL FRAME ANCHORS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THIS PRODUCT HAS BEEN TESTED 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. UNLESS OTHERWISE SPECIFIED HERE-IN, PRODUCT ASSEMBLY AND ALL ASSEMBLY REQUIREMENTS/OPTIONS SHALL BE AS TESTED, ARE THE RESPONSIBILITY OF EACH THE MANUFACTURER AND THEIR APPLICABLE QUALITY ASSURANCE & ARE NOT THE RESPONSIBILITY OF THESE DOCUMENTS NOR THE CERTIFICATION OF THESE DOCUMENTS.
10. WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THIS CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.
11. 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 ASSURANCE SPECIFICATIONS & TESTING REPORTS.
12. 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.
13. 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.

HINGE REQUIREMENTS

FRAME HEIGHT	QUANTITY PER PANEL
OVER 80"	4
UP TO 80"	3

LOCK STRIKE QUANTITY REQUIREMENTS

(TOP & BOTTOM OF PANEL)	
PANEL WIDTH	QUANTITY PER PANEL
OVER 30"	3
UP TO 30"	2
(LOCK SIDE OF PANEL)	
PANEL HEIGHT	QUANTITY PER PANEL
ALL HEIGHTS	4



EXTERIOR ELEVATION: DOUBLE RECTANGULAR DOOR

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

ALLOWABLE DESIGN PRESSURE (ALL UNITS)
+/-60 PSF

FRAME ANCHOR REQUIREMENTS TABLE

FRAME/SILL SCREWS

OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
(2) MIN. 2X6 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 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"

LOCK STRIKE SCREWS AT SILL

(2) MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	2"

CMU IS NOT APPLICABLE AT HEAD & SILL.

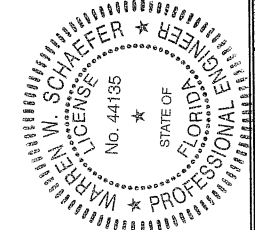
- (1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.).
- (2) 2X6 BUCKS SHALL BE OF A MINIMUM DEPTH REQUIRED TO MEET ANCHOR EDGE DISTANCE REQUIREMENTS BUT NO LESS THAN 4.5".

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.

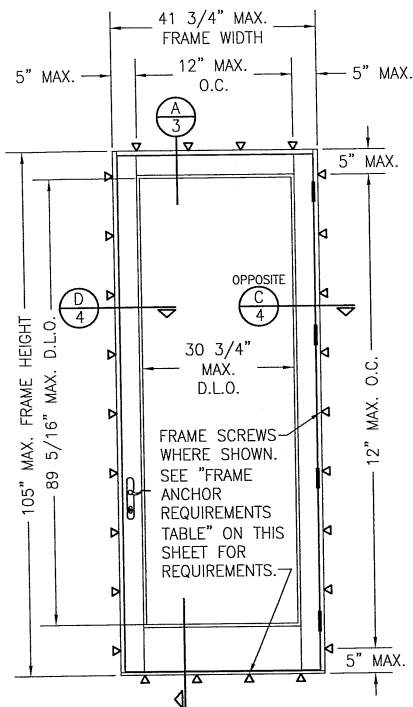
APPLICABLE LOCK SYSTEM (AS TESTED)

- ACTIVE & INACTIVE PANEL:
- SIEGNIA STAINLESS STEEL WITH MULTI-POINT MUSHROOM CAM LOCKING SYSTEM

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.

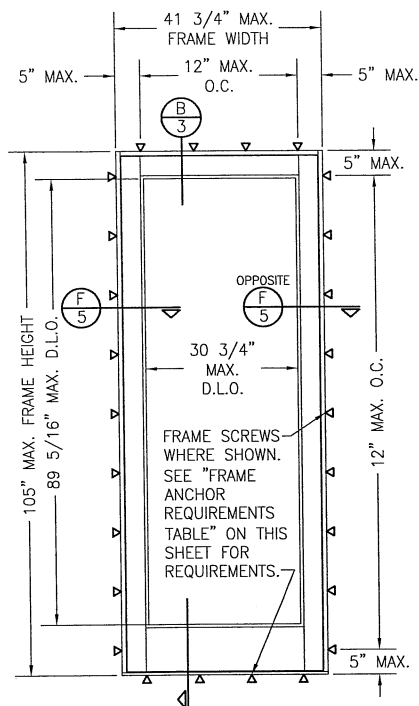


DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 08/28/18	
DATE	BY	REVISION	DESCRIPTION
NO.	NO.	NO.	NO.
DRAWING TITLE: MAHOCANY IMPACT OUT-SWING FRENCH DOORS JOB INFORMATION: CONSULTANT'S: COASTAL MILLWORKS, INC. 3810 CONSUMER STREET RIVIERA BEACH, FL 33404 561-881-7755 CONSULTANT'S: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7445 SOUTH GOLF COURTH PALM BEACH, FL 33418 PHONE: 561-744-3424 CERTIFICATION: OCT 01 2018 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1936		REV.	
SHEET NO. 1		OF 5	



**EXTERIOR ELEVATION:
SINGLE RECTANGULAR DOOR**

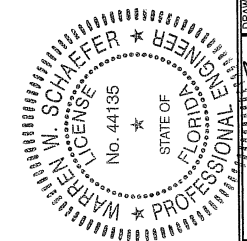
SCALE: 1/2" = 1'-0"



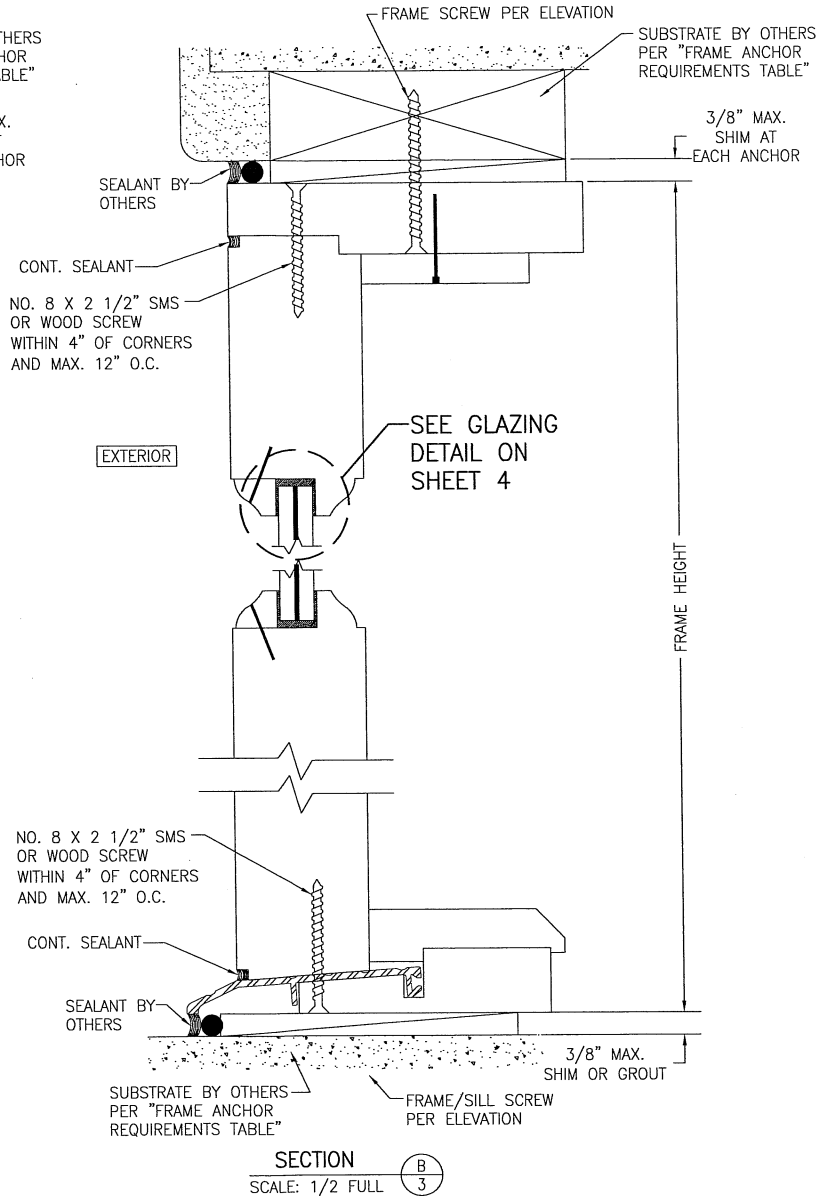
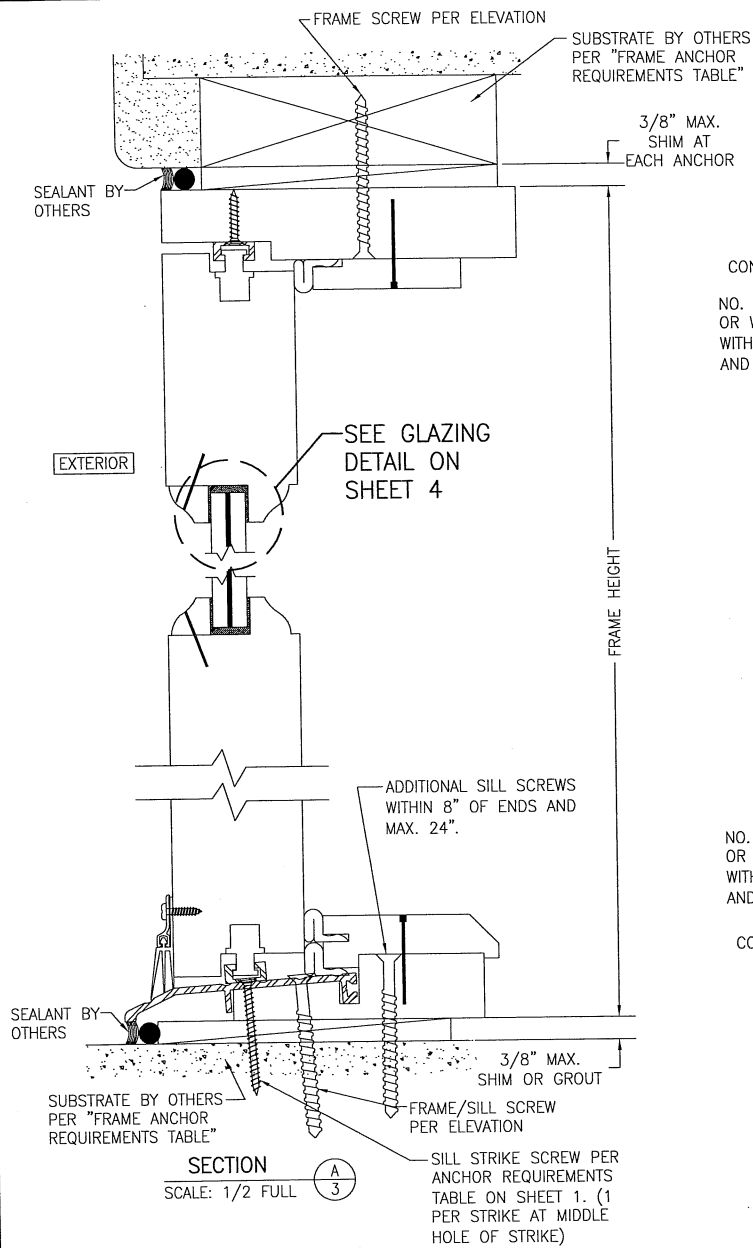
**EXTERIOR ELEVATION:
SINGLE RECTANGULAR FIXED PANEL DOOR**

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

NOTE: SINGLE FIXED PANEL DOORS CAN BE OF ANY SHAPE PROVIDING THE DOOR CONSTRUCTION IS EQUIVALENT TO THAT OF THE RECTANGULAR, THEY ARE INSTALLED THE SAME AS THE RECTANGULAR WITH THE ANCHOR SPACING AT THE HEAD BEING AROUND THE CIRCUMFERENCE, AND THEY FIT INSCRIBED WITHIN THE RECTANGULAR.



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DRAWING TITLE: MAHOGANY IMPACT OUT-SWING FRENCH DOORS			
JOB INFORMATION:			
CONSULTANTS: COASTAL MILLWORKS, INC. 3810 CONSUMER STREET RIVIERA BEACH, FL 33404 561-681-7755			
CONSULTANTS: W. W. SCHAEFFER ENGINEERING & CONSULTING P.A. (CA 6809) 1405 NORTH COLT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
DRAWING NO. 1936		REV.	
SHEET NO. 2		OF 5	



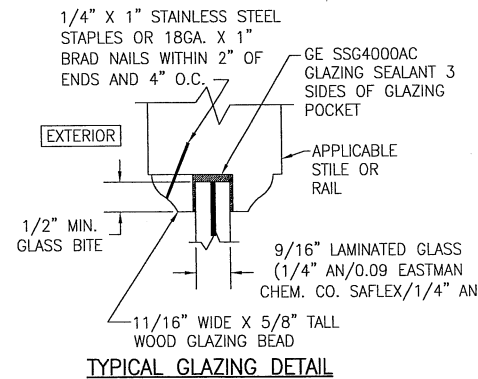
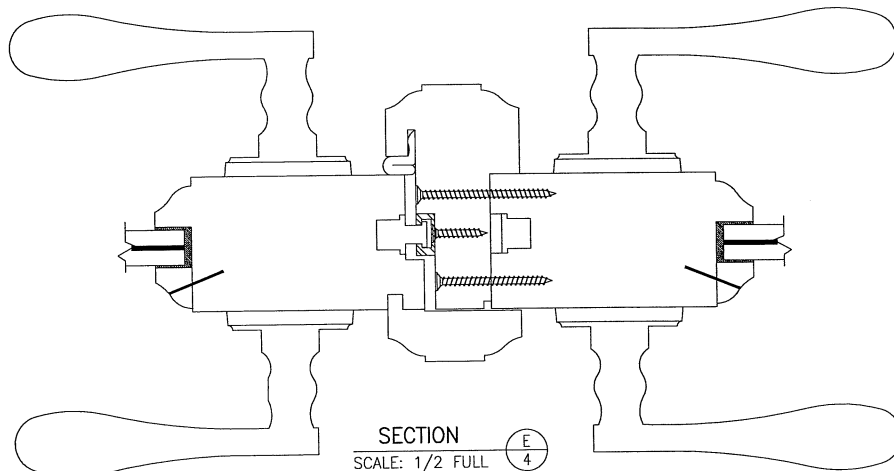
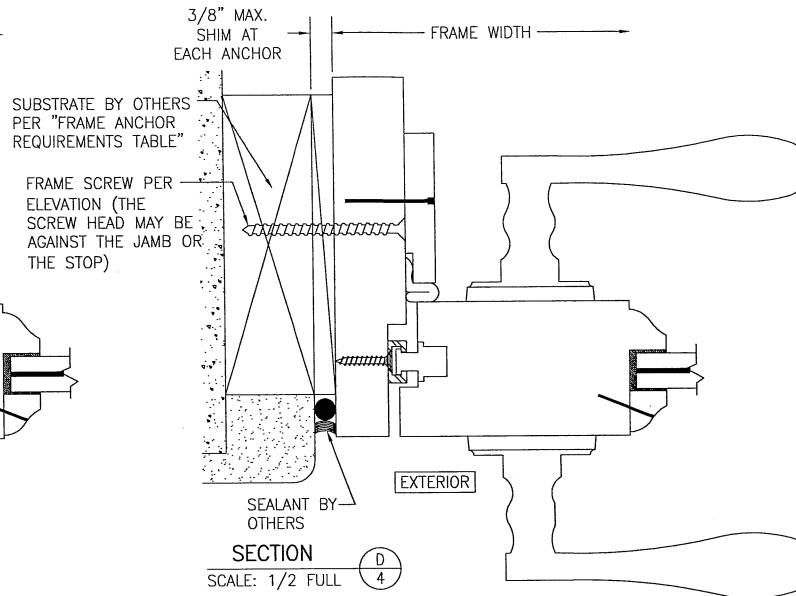
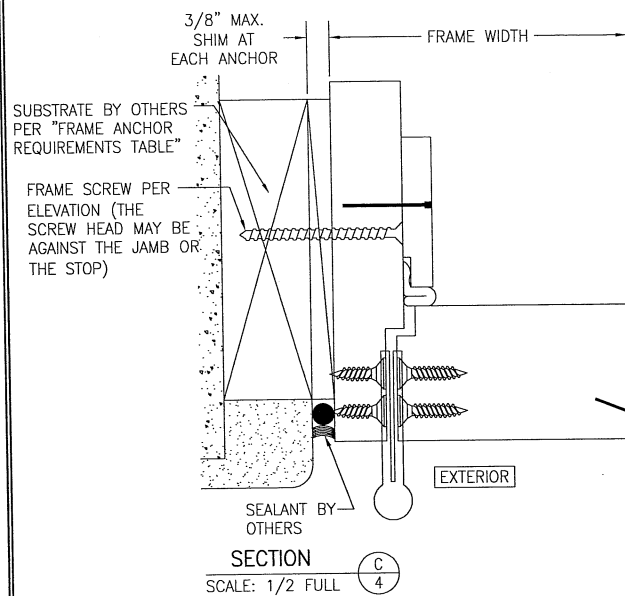
MAHOGANY IMPACT OUT-SWING FRENCH DOORS

MANUFACTURER
COASTAL MILLWORKS, INC.
3810 CONSUMER STREET
RIVIERA BEACH, FL 33404
561-881-7755

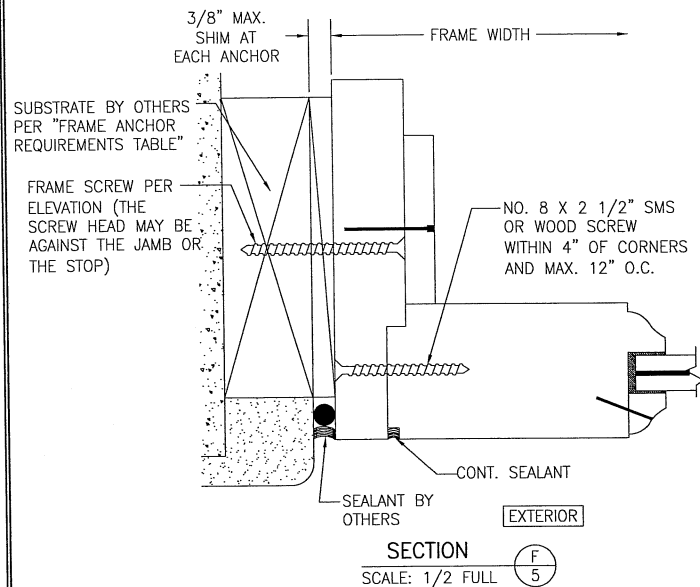
CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING P.A. (CA 6809)
7400 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION
OCT 01 2018
W. W. SCHAEFER, P.E.
P.E. NO. 44135

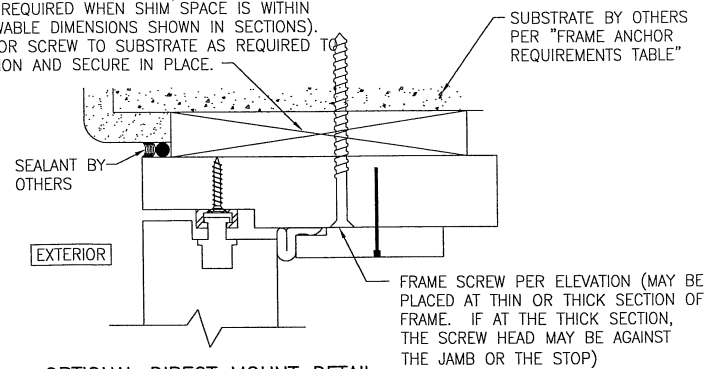
DRAWING NO. 1936
SHEET NO. 3 OF 5



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
DATE: 1-2		DATE: 06/28/18	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: MAHOGANY IMPACT OUT-SWING FRENCH DOORS MANUFACTURER: COASTAL MILLWORKS, INC. 3810 CONSUMER STREET RIVIERA BEACH, FL 33404 561-881-7755 CONSULTANTS: W. W. SCHAEFFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 130TH COURT NORTH PALM BEACH, FL 33418 PHONE: 561-744-3424			
CERTIFICATION		OCT 01 2018 WARREN W. SCHAEFFER, P.E. No. 44135	
DRAWING NO. 1936		REV.	
SHEET NO. 4		OF 5	



CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X_ BUCK TO BE MIN. 4 1/2" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS). NAIL OR SCREW TO SUBSTRATE AS REQUIRED TO POSITION AND SECURE IN PLACE.



OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)
(DIRECT MOUNT CONDITION IS NOT APPLICABLE AT SILL)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(OPERABLE DOOR SHOWN, FIXED PANEL DOOR ALSO APPLIES)

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PLOT: 1-2		DATE: 08/28/18	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: MAHOGANY IMPACT OUT-SWING FRENCH DOORS			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 746 SOUTH COUNTRY CLUB DRIVE PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		COASTAL MILLWORKS, INC. 3810 CONSUMER STREET RIVIERA BEACH, FL 33404 561-881-7795	
		OCT 01 2018 WARREN W. SCHAEFER, P.E. P.E. NO. 44195	
DRAWING NO. 1936		REV.	
SHEET NO. 5		OF 5	