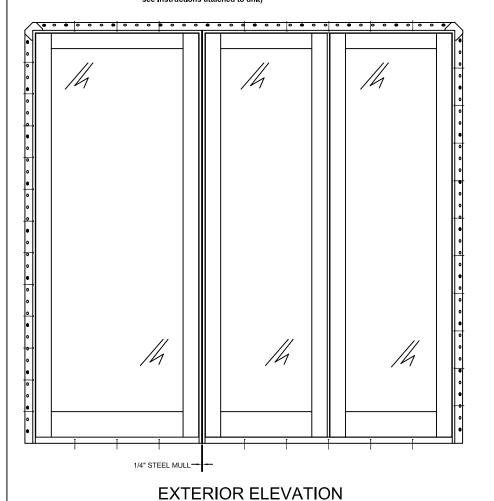
(For Mull End Installation, see instructions attached to unit)



	MAX. FRAME SIZE (IN.)	IMPACT
Stationary Door	50-1/8" x 122-9/16"	NO
Outswing Door	74-7/8" x 122-9/16"	NO
	APPLICABLE FOR SINGLE UI	NITS ONLY

FRAME ANCHOR REQUIREMENTS TABLE		
FRAME/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
#10 PFH screws into frame and wood substrate		See pg. 3
#8 PFH Zinc treated screws into clip and wood substrate at an angle	1-1/2"	
#8 PFH Zinc treated screws into clip and frame	FULL	See pg. 2

Installation Method		
Installation Clips	Screws thru the Frame	
OutSwing Door Sides = 15-5/16" from corners and on center Head = 18-11/16" from corners Sill = N/A - See Screw Installation Instructions Stationary Door Sides = 13-5/8" from corners and on center Head = 16-43/64" from corners and on center Sill = N/A - See Screw Installation Instructions	Outswing Door Sides = #10 PFH screws spaced 11-9/64" from corners and on center Head = #10 PFH screws spaced 12-15/32" from corners and on center Sill = #10 PFH screws spaced 12-15/32" from corners and on center Stationary Door Sides = #10 PFH screws spaced 9-7/16" from corners and on center Head = #10 PFH screws spaced 12-1/2" from corners and on center Sill = #10 PFH screws spaced 12-1/2" from corners and on center	

GENERAL NOTES

- 1. These units have been tested, analyzed, Hallmark certified, and FBC approved.
- 2. Bucking, openings, and bucking fasteners must be properly designed and installed to transfer wind loads to the structure. The unit was tested with 1/2" rough opening gap.
- 3. These units were tested with ponderosa pine bucks, Florida building code requires preservative treated southern pine bucks.
- 4. All hardware and fasteners shall be in accordance with these drawings and may not vary unless specifically mentioned on the drawings.
- 5. These units have been tested in accordance with and meet the requirements of the Florida Building Code.
- 6. Impact shutters are required only with non-impact units.
- 7. All anchors shall be installed as specified on these drawings. Specified embedment base material shall be beyond wall finish or stucco.
- 8. Testing of one wood species covers all other species with an equal or higher modulus of elasticity and modulus of rupture.
- 9. Testing of primed covers testing of clad as long as cladding is not structural (extruded), or wraps around the gasket.
- 10. Testing of windows and doors with a given width and thickness of solid stiles and rails, covers products with wider and thicker solid stiles and rails provided that construction details are consistent.
- 11. Any fixed geometric shape that fits within the tested/approved size for a particular product type is qualified by the rectangular shape provided that the frame, sash, panels, components, and construction remain the same.
- 12. All fixed shaped units must fit inscribed into the allowable rectangular units and be governed by allowable design pressure or the respective rectangular unit.
- 13. Shims need to be located a maximum of 4" from each corner and a maximum of 4" from each anchor location.
- 14. Testing of a combination assembly qualifies the individual units of that assembly with width & height less than or equal to the individual test unit size. Anchorage of the individual units shall be at all perimeter locations in accordance with these drawings.



1323 South 11th Ave. Wausau, WI 54401 715-842-5666

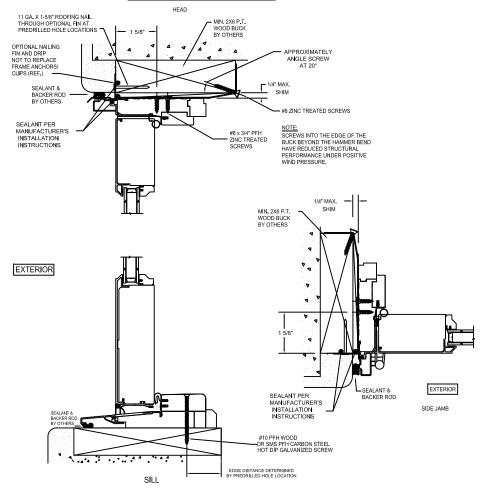
Ultra Series
Stationary Door with Outswing French
Door - 2-1/4" Panels

	FL# 16577 R&I		
			R&D No. 11207
		Revision	Drawn By: JRK
	Α		Date: 04/04/18
	В		Sheet: 1 of 3
	С		Drawing No. 11207

Installation Clip Installation - Combination Units Stationary Door

11 GA. X 1-5/8" ROOFING NAIL MIN 2X6 P.T. THROUGH OPTIONAL FIN AT WOOD BUCK PREDRILLED HOLE LOCATIONS BY OTHERS OPTIONAL NAILING APPROXIMATELY FIN AND DRIP NOT TO REPLACE ANGLE SCREW FRAME ANCHORS CLIPS (REF.) - 1/4" MAX SHIM BACKER ROD BY OTHERS #8 ZINC TREATED SCREWS SEALANT PER MANUFACTURER'S #8 x 3/4" PFH SCREWS INTO THE EDGE OF THE INSTALLATION ZINC TREATED BUCK BEYOND THE HAMMER BEND SCREWS HAVE REDUCED STRUCTURAL PERFORMANCE UNDER POSITIVE 1/4" MAX MIN 2X6 P T SHIM WOOD BUCK BY OTHERS EXTERIOR EXTERIOR -SEALANT & SEALANT PER BACKER ROD MANUFACTURER'S INSTALLATION SIDE JAMB OR SMS PFH CARBON STEEL HOT DIP GALVANIZED SCREW

French Outswing Door



GENERAL NOTES

1. These units have been tested, analyzed, Hallmark certified, and FBC approved.

SILL

- 2. Bucking, openings, and bucking fasteners must be properly designed and installed to transfer wind loads to the structure. The unit was tested with 1/2" rough opening gap.
- 3. These units were tested with ponderosa pine bucks, Florida building code requires preservative treated southern pine bucks.
- 4. All hardware and fasteners shall be in accordance with these drawings and may not vary unless specifically mentioned on the drawings.
- 5. These units have been tested in accordance with and meet the requirements of the Florida Building Code.
- 6. Impact shutters are required only with non-impact units.
- 7. All anchors shall be installed as specified on these drawings. Specified embedment base material shall be beyond wall finish or stucco.
- 8. Testing of one wood species covers all other species with an equal or higher modulus of elasticity and modulus of rupture.
- 9. Testing of primed covers testing of clad as long as cladding is not structural (extruded), or wraps around the gasket.
- 10. Testing of windows and doors with a given width and thickness of solid stiles and rails, covers products with wider and thicker solid stiles and rails provided that construction details are consistent.
- 11. Any fixed geometric shape that fits within the tested/approved size for a particular product type is qualified by the rectangular shape provided that the frame, sash, panels, components, & construction remain the same.
- 12. All fixed shaped units must fit inscribed into the allowable rectangular units and be governed by allowable design pressure or the respective rectangular unit.
- 13. Shims need to be located a maximum of 4" from each corner and a maximum of 4" from each anchor location.
- 14. Testing of a combination assembly qualifies the individual units of that assembly with width & height less than or equal to the individual test unit size. Anchorage of the individual units shall be at all perimeter locations in accordance with these drawings.



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Ultra Series Stationary Door with Outswing French Door - 2-1/4" Panels

FL# 16577		R&D No. 11207
	Revision	Drawn By: JRK
Α		Date: 03/09/18
В		Sheet: 2 of 3
C		Drawing No. 11207A

Screw Installation - Combination Units Stationary Door French Outswing Door 11 GA. X 1-5/8" ROOFING NAIL THROUGH OPTIONAL FIN AT PREDRILLED HOLE LOCATIONS 11 GA X 1-5/8" ROOFING NAIL THROUGH OPTIONAL FIN AT PREDRILLED HOLE LOCATIONS MIN. 2X6 P.T. WOOD BUCK OPTIONAL NAILING FIN AND DRIP MIN. 2X6 P.T. NOT TO REPLACE FRAME ANCHORS/ OPTIONAL NAILING WOOD BUCK BY OTHERS NOT TO REPLACE CLIPS (REF.) FRAME ANCHORS/ - 1/4" MAX CLIPS (REF.) SHIM Г 1/4" MAX. BACKER ROD SEALANT & BACKER ROD SHIM BY OTHERS OR SMS PFH CARBON STEEL SEALANT PER HOT DIP GALVANIZED SCREW MANUFACTURER'S #10 PFH WOOD OR SMS PFH CARBON STEEL HOT DIP GALVANIZED SCREW SEALANT PER INSTALLATION INSTRUCTIONS MANUFACTURER'S INSTALLATION INSTRUCTIONS MIN, 2X6 P.T 1/4" MAX WOOD BLICK BY OTHERS SHIM 1/4" MAX. SHIM MIN. 2X6 P.T. WOOD BLICK EXTERIOR EXTERIOR EXTERIOR -SEALANT & SEALANT PER BACKER ROD EXTERIOR MANUFACTURER'S INSTALLATION SEALANT & SIDE JAMB SEALANT PER MANUFACTURER'S BACKER ROD INSTALLATION INSTRUCTIONS SIDE JAMB OR SMS PFH CARBON STEEL HOT DIP GALVANIZED SCREW OR SMS PFH CARBON STEEL HOT DIP GALVANIZED SCREW EDGE DISTANCE DETERMINED BY PREDRILLED HOLE LOCATION SILL EDGE DISTANCE DETERMINED BY PREDRILLED HOLE LOCATION SILL

GENERAL NOTES

- 1. These units have been tested, analyzed, Hallmark certified, and FBC approved.
- 2. Bucking, openings, and bucking fasteners must be properly designed and installed to transfer wind loads to the structure. The unit was tested with 1/2" rough opening gap.
- 3. These units were tested with ponderosa pine bucks. Florida building code requires preservative treated southern pine bucks.
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- 5. These units have been tested in accordance with and meet the requirements of the Florida Building Code.
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Ultra Series Stationary Door with Outswing French Door - 2-1/4" Panels

FL# 16577		R&D No. 11207
	Revision	Drawn By: JRK
Α		Date: 03/09/18
В		Sheet: 3 of 3
C		Drawing No. 11207B