

**Gemini Clips**  
(Installation Clips installed reversed)  
Qty. of 2 at the mull ends

EXTERIOR ELEVATION

MAX. FRAME SIZE (IN.)	IMPACT
96" x 60"	No
APPLICABLE FOR SINGLE UNITS ONLY	

**FRAME ANCHOR REQUIREMENTS TABLE**

FRAME/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
#10 PFH screws into frame and wood substrate	1-1/4"	See pg. 2
#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
Sides = 15" from corners & on center Head & Sill = 16" from corners & on center	Sides = #10 PFH screws spaced 10" from corners and 7" on center. Head & Sill = #10 PFH screws spaced 12" from corners and on center.

GENERAL NOTES

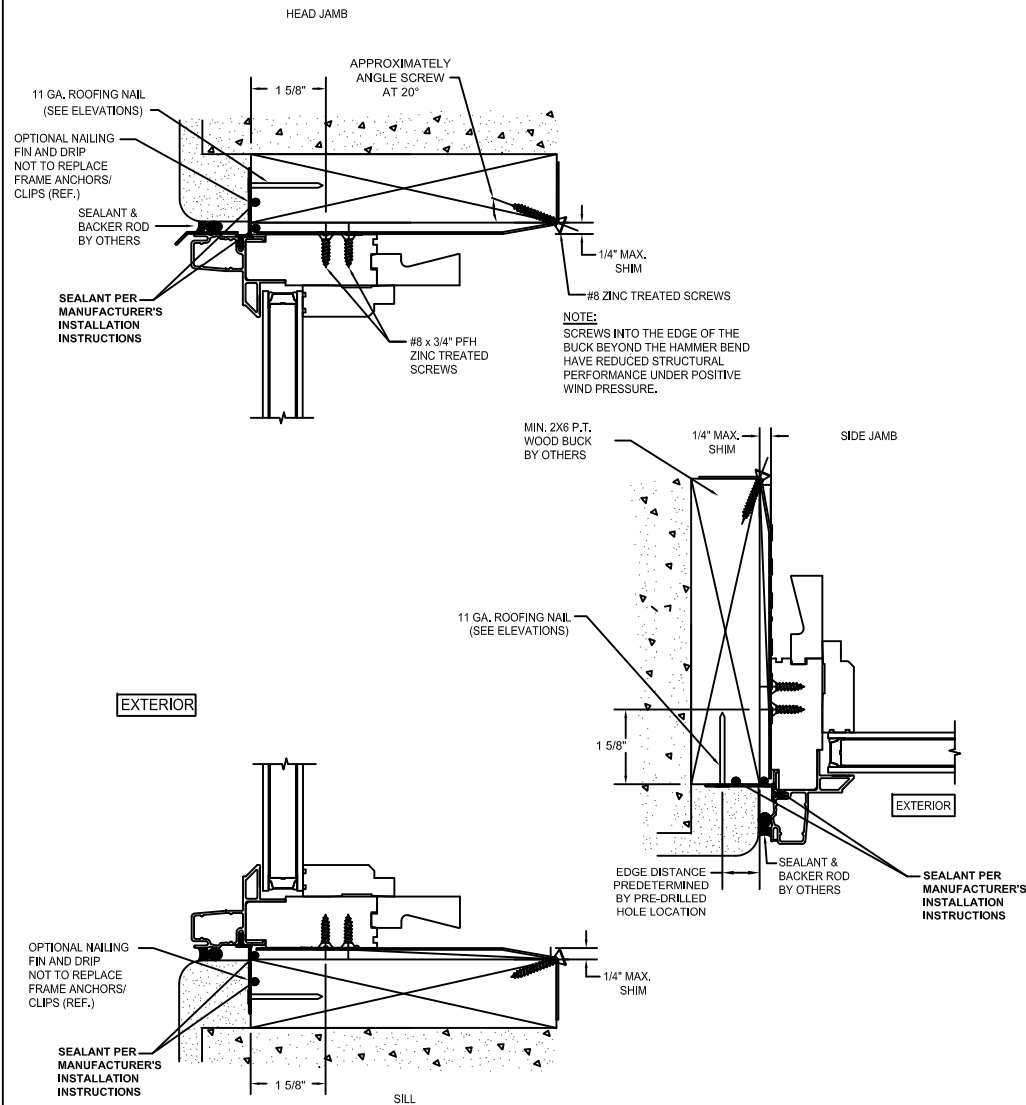
- These units have been tested, analyzed, Hallmark certified, and FBC approved.
- Bucking, openings, and bucking fasteners must be properly designed and installed to transfer wind loads to the structure. The unit was tested with 1/2" rough opening gap.
- These units were tested with ponderosa pine bucks, Florida building code requires preservative treated southern pine bucks.
- All hardware and fasteners shall be in accordance with these drawings and may not vary unless specifically mentioned on the drawings.
- These units have been tested in accordance with and meet the requirements of the Florida Building Code.
- Impact shutters are required only with non-impact units.
- All anchors shall be installed as specified on these drawings. Specified embedment base material shall be beyond wall finish or stucco.
- Testing of one wood species covers all other species with an equal or higher modulus of elasticity and modulus of rupture.
- Testing of primed covers testing of clad as long as cladding is not structural (extruded), or wraps around the gasket.
- 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.
- Any fixed geometric shape that fits within the tested/approved size for a particular product type is qualified by the rectangular shape(s) provided that the frame, sash, panels, components, and construction remain the same.
- All fixed shaped units must fit inscribed into the allowable rectangular units and be governed by allowable design pressure or the respective rectangular unit.
- Shims need to be located a maximum of 4" from each corner and a maximum of 4" from each anchor location.
- Plywood was used during testing to simulate the finished exterior of the structure. Actual finished exteriors will vary.

**KOLBE** 1323 South 11th Ave.  
Wausau, WI 54401  
715-842-5666  
■ WINDOWS & DOORS ■

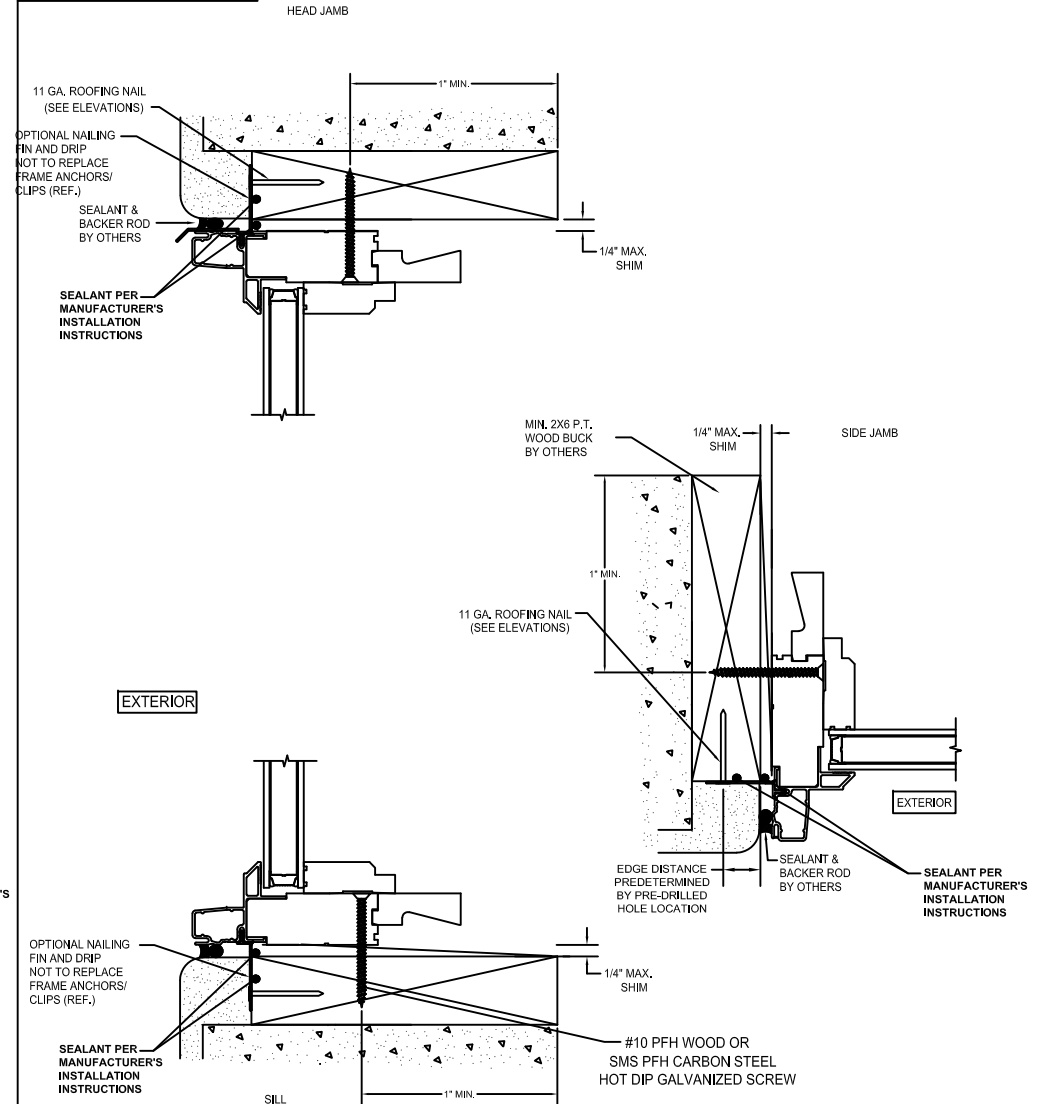
**Ultra Series Casement  
Beveled Direct Set**

FL# 11250	R&D No. 11169
Revision	Drawn By: SES
A	Date: 12/25/2020
B	Sheet: 1 of 2
C	Drawing No. 11169

## Installation Clip Installation



## Screw Installation



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### Ultra Series Casement Beveled Direct Set

FL# 11250	R&D No. 11169
Revision	Drawn By: SES
A	Date: 12/25/2020
B	Sheet: 2 of 2
C	Drawing No. 11169A