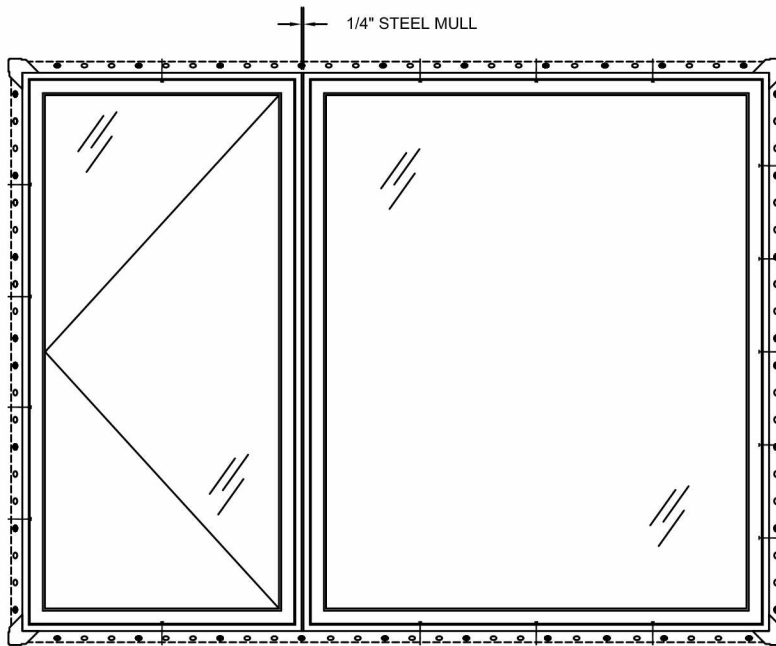


	MAX. FRAME SIZE (IN.)	IMPACT
Casement	36 x 72	Yes
Picture	60 x 72	Yes
APPLICABLE FOR SINGLE UNITS ONLY		



EXTERIOR ELEVATION

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
Casement Sides = 14-7/16" from corners & on center Head = 18" from corners & on center Sill = 18" from corners & on center Picture Sides = 12" from corners & on center Head = 15" from corners & on center Sill = 15" from corners & on center	Casement Sides = #10 PFH screws spaced 12" from corners & on center. Head = #10 PFH screws spaced 12" from corners & on center Sill = #10 PFH screws spaced 12" from corners & on center Picture Sides = #10 PFH screws spaced 9" from corners & on center. Head = #10 PFH screws spaced 12" from corners & on center Sill = #10 PFH screws spaced 12" from corners & on center

GENERAL NOTES

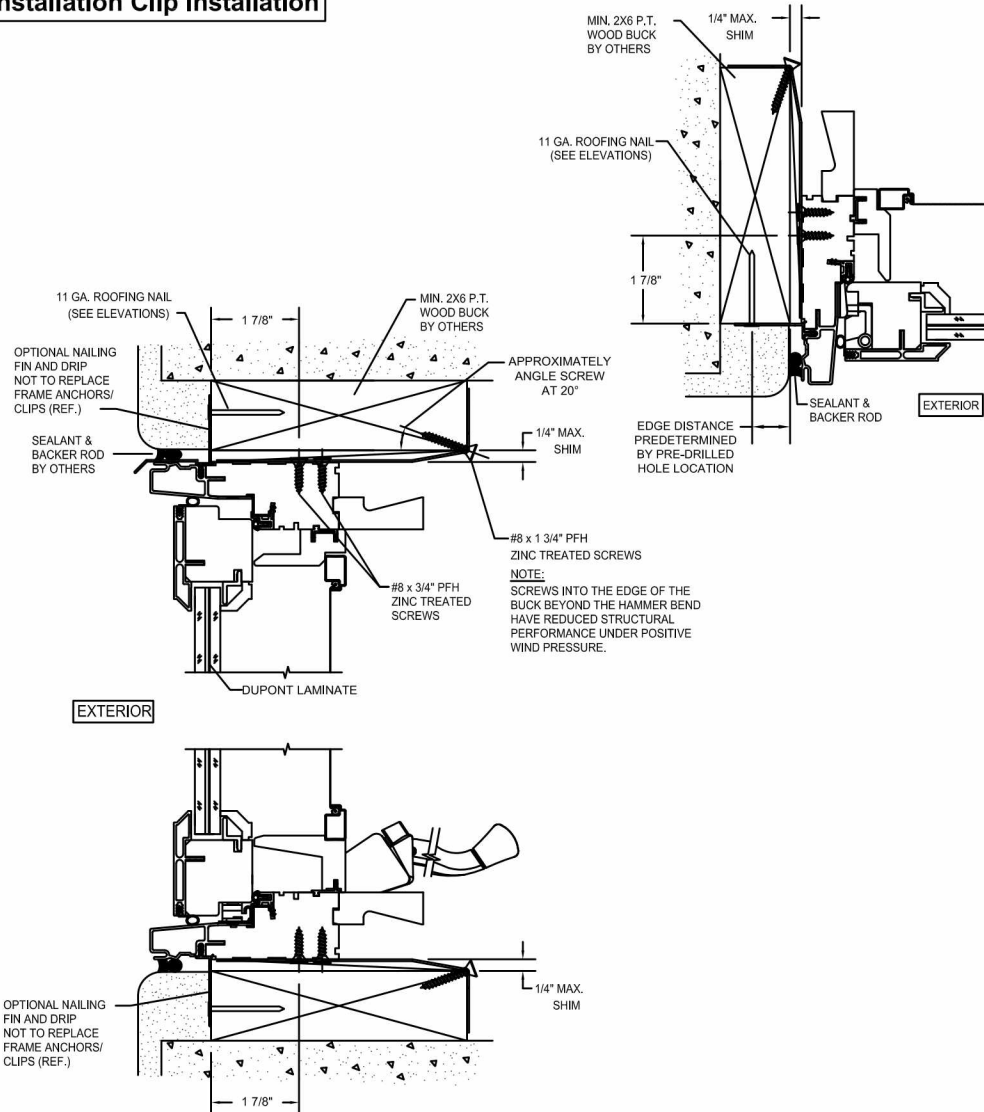
- These units have been tested, analyzed, Hallmark certified, and FBC approved.
- Bucking, openings, and bucking fasteners must be properly designed and installed to transfer wind loads to the structure. The unit was tested with 1/2" rough opening gap.
- These units were tested with ponderosa pine bucks, 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 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, leaves, panels, hardware, hardware location, components, and construction remain the same.
- All 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.

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Wausau, WI 54401
715-842-5666
■ WINDOWS & DOORS ■

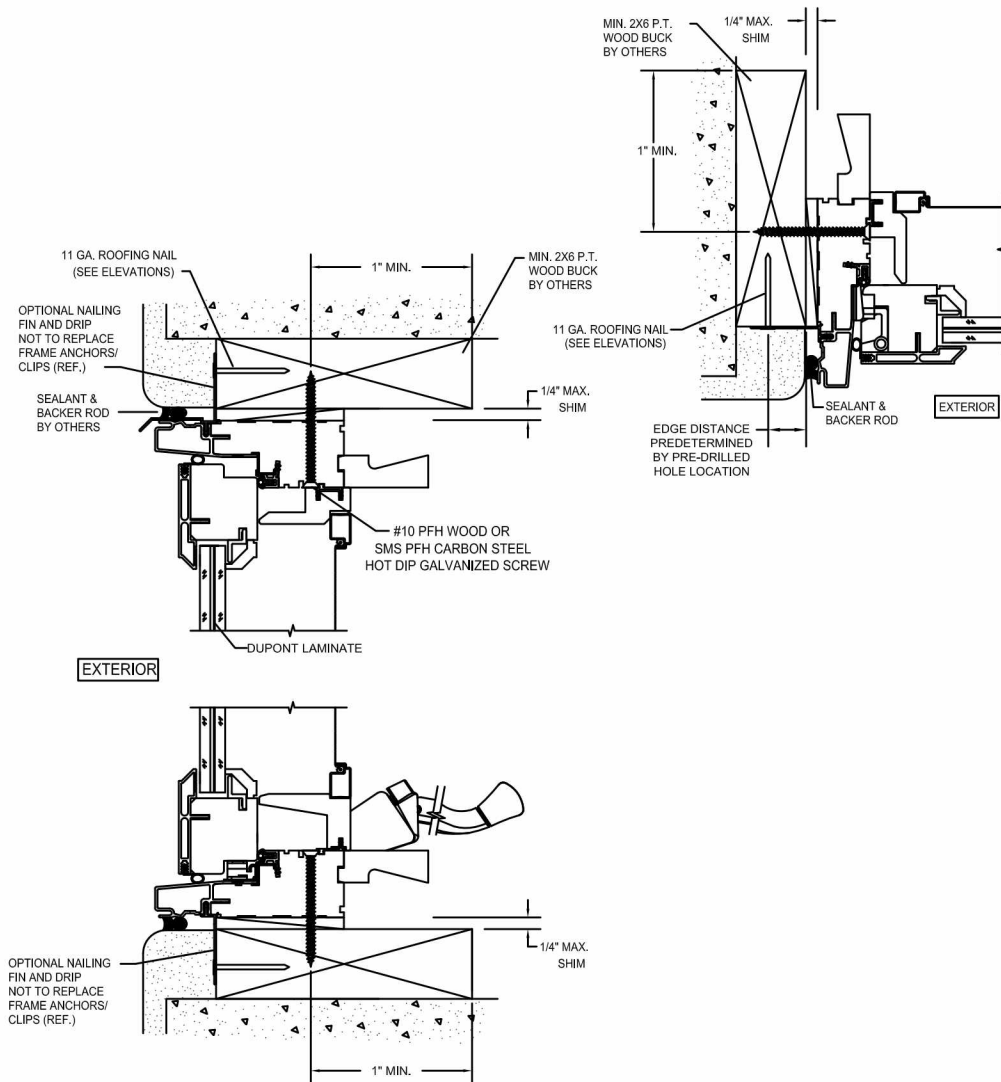
Ultra Series
Operating / Fixed Casement
Impact

FL# 9837	R&D No. 10165
Revision	Drawn By: MKL
A	Date: 7/15/2015
B	Sheet: 1 of 2
C	Drawing No. UCS-180

Installation Clip Installation



Screw Installation



GENERAL NOTES

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Ultra Series
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FL# 9837	R&D No. 10165
Revision	Drawn By: MKL
A	Date: 7/16/2015
B	Sheet: 2 of 2
C	Drawing No. UCS-180A