

**EXTERIOR ELEVATION**  
(SEE SHEET 3 FOR ADDITIONAL CONFIGURATIONS)

|                              |               |
|------------------------------|---------------|
| <b>MAX. PANEL SIZE (IN.)</b> | <b>IMPACT</b> |
| 35 3/4 x 96                  | NO            |

**FRAME ANCHOR REQUIREMENTS TABLE**

| <b>FRAME TO OPENING FASTENER TYPE</b>  | <b>MINIMUM EMBED</b> | <b>MINIMUM EDGE DIST.</b> |  |
|--|----------------------|---------------------------|--|
| #10 PFH screws into frame and wood substrate<br>#8 Square Drive Cap screws into wood substrate | 1-1/4"<br>1-1/4"     | See pg. 2<br>See pg. 2    | Sides = #10 PFH screws; spacing determined by pre-drilled hole locations<br>Head = #10 PFH screws; spacing determined by pre-drilled hole locations<br>Sill = #10 PFH screws; spacing determined by pre-drilled hole locations<br>Head & Side Nail Fin = #8 square drive cap screws 3-1/2" from ends, 18" o.c.<br>Post Interlock (pocketing units) = #8 square drive cap screws 3-1/2" from ends, 18" o.c. |

GENERAL NOTES

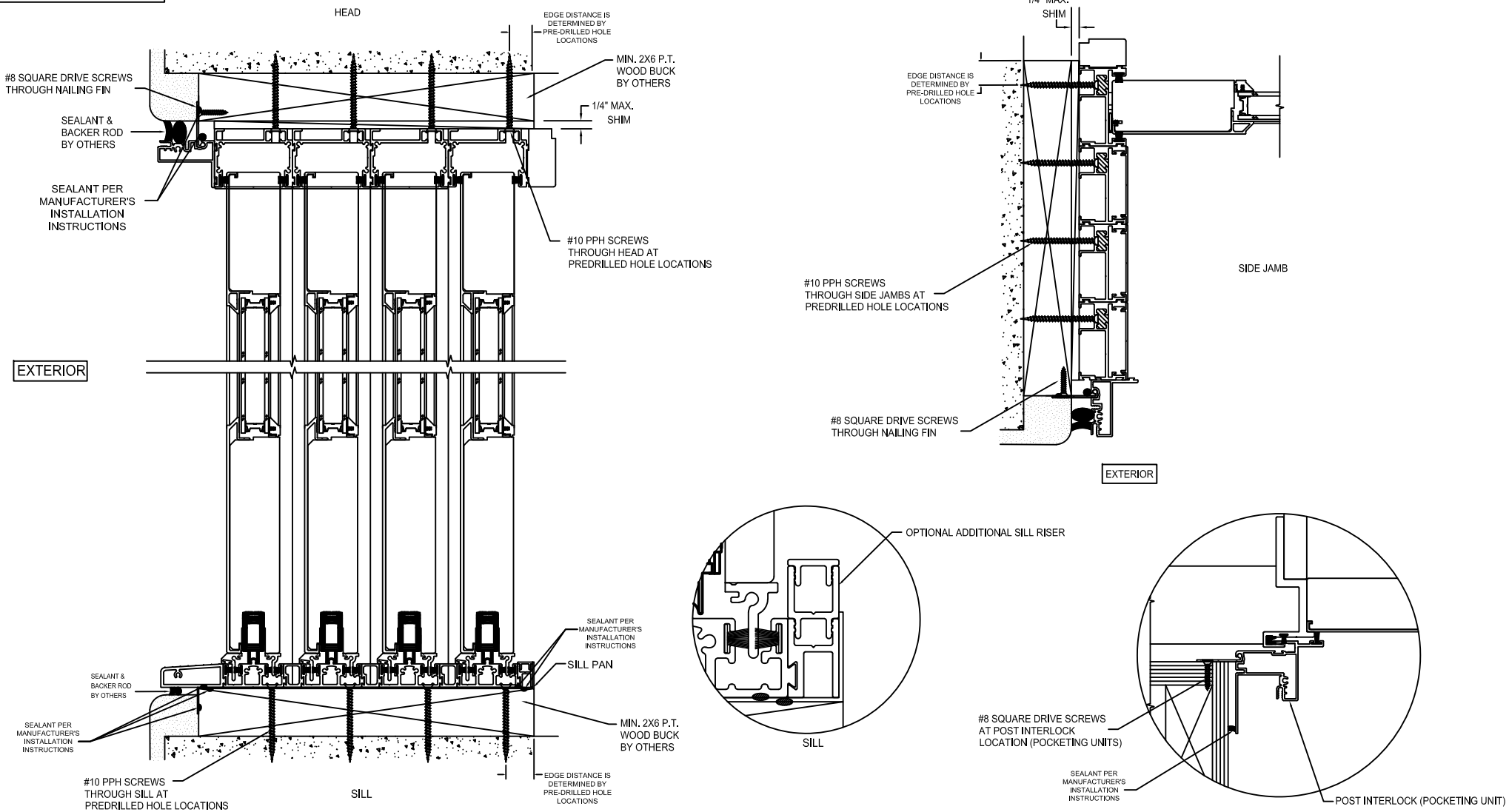
1. These units have been tested, analyzed, Hallmark certified, and FBC approved.
2. Bucking, openings, and bucking fasteners must be properly designed and installed to transfer wind loads to the structure. The unit was tested with 1/2" rough opening gap.
3. These units were tested with ponderosa pine 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(s) 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.

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

**Ultra Series Multislide Door  
Non-Impact**

|                  |                               |
|------------------|-------------------------------|
| <b>FL# 30029</b> | <b>R&amp;D No.13191-13192</b> |
| Revision         | Drawn By: MKL                 |
| A                | Date: 6/30/19                 |
| B                | Sheet: 1 of 3                 |
| C                | Drawing No. 13191             |

# Screw Installation



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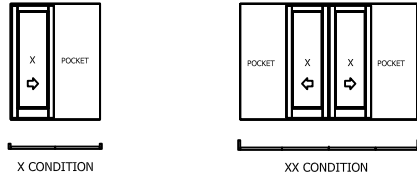
**KOLBE** 1323 South 11th Ave.  
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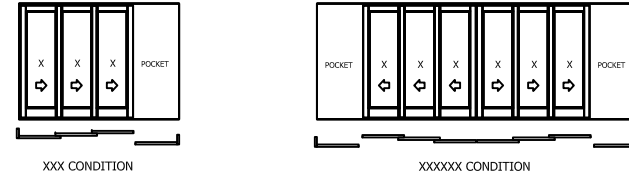
|           |                    |
|-----------|--------------------|
| FL# 30029 | R&D No.13191-13192 |
| Revision  | Drawn By: MKL      |
| A         | Date: 6/30/19      |
| B         | Sheet: 2 of 3      |
| C         | Drawing No. 13191A |

## CONFIGURATIONS WITH POCKETS

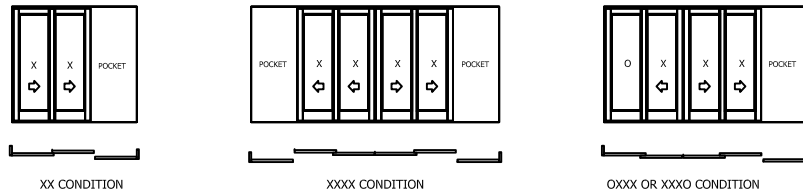
### 1 - PANEL DEEP CONDITIONS



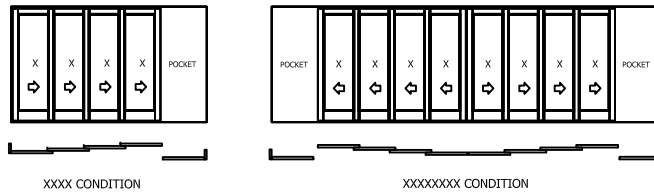
### 3 - PANEL DEEP CONDITIONS



### 2 - PANEL DEEP CONDITIONS

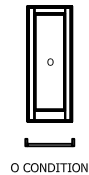


### 4 - PANEL DEEP CONDITIONS

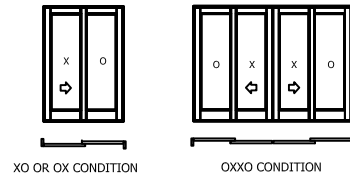


## CONFIGURATIONS WITHOUT POCKETS

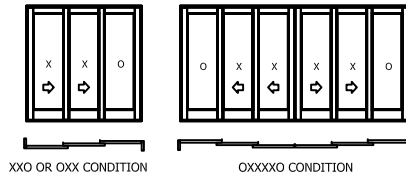
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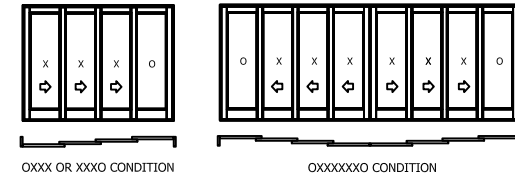
### 2 - PANEL DEEP CONDITIONS



### 3 - PANEL DEEP CONDITIONS



### 4 - PANEL DEEP CONDITIONS



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| A         | Date: 6/30/19      |
| B         | Sheet: 3 of 3      |
| C         | Drawing No. 13191B |