

Installation Instructions For New Construction Fixed Windows With Masonry Flange

Includes all of the following series:

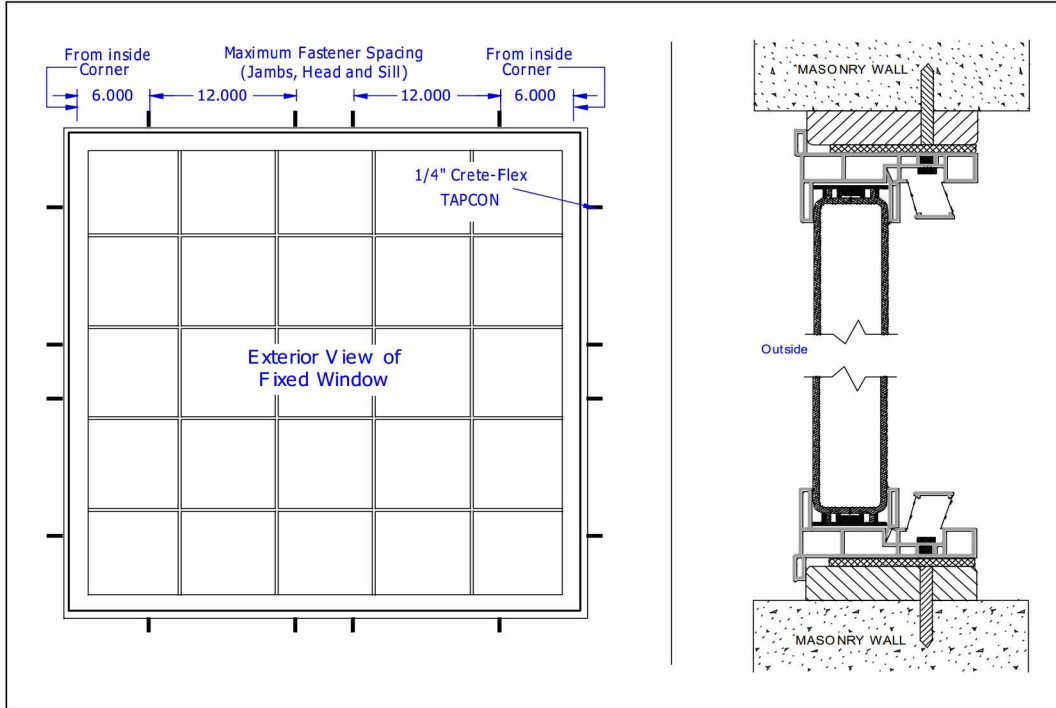
VF1500

(Using 1" x 4" Buck and Crete-Flex Tapcons)

Drawing Number:

08-02508

Rev: -



LEAVE BUBBLE WRAP ON! Before installing window unit, bubble wrap may be peeled back for inspection, please re-stick wrap to protect blocks from scratches and other damage until construction is complete.

1 x 4 Buck

When installing in a 1 x 4 buck or poured sill, use 1/4" Crete-Flex Tapcons of sufficient length to pass through window frame, 1" x 4" buck and achieve a 1 3/4" minimum penetration into masonry wall with 2-1/2" minimum edge distance.

Note: 1/4" - 5/16" diameter holes through frame and buck and 5/32" holes in masonry for Tapcons is recommended.

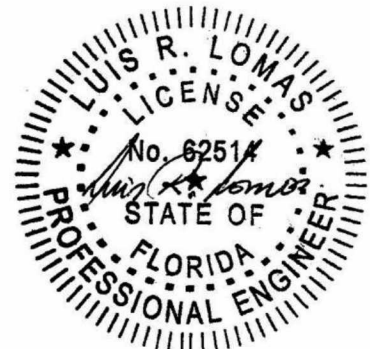
- Step 1 Measure to make sure opening is 3/8" - 1/2" larger than window both Vertically and Horizontally.
- Step 2 Place shims in the sill of opening to center window in the opening vertically.
- Step 3 Apply a generous bead of silicone to backside of face flange. For reference, fastener channel is on the inside.
- Step 4 Insert window into opening from outside the house. Immediately press window tightly against buck to compress silicone on back of the flange.
- Step 5 Using a level, check the window for plumb and adjust shims at sill accordingly.
- Step 6 Install one Tapcon near center of each jamb. Before tightening tapcon, a shim should be placed between frame and buck at Tapcon location to prevent bowing of the frame and to allow Tapcon to be fully tightened. Use extra caution not to overtighten any fasteners.
- Step 7 Repeat step 6 for the remaining fasteners using shims at all fasteners.

Fastener quantities required for each frame member (1/4" Crete-Flex Tapcon)

Length of Frame Member	10"	18"	26"	34"	42"	50"	58"	66"	74"	82"	90"	98"
Number of Fasteners	1	2	3	3	4	5	5	6	7	7	8	9

- Step 8 Remove excess silicone from exterior and use caulk or silicone to seal gap between frame and buck on the inside.
- Step 9 Install Screw Cover in the tracks by placing it in the track and tapping lightly with a soft plastic hammer.
(If so desired, a small amount of silicone can be applied to the back of the cover to reduce the chance of water pooling in the track)
- Step 10 Once all construction is complete, remove bubble wrap from inside and outside of the window. If necessary, clean blocks with a mild detergent and warm water using a soft cloth.

Failure to follow these procedures will void any and all warranties.



Luis R. Lomas P.E.
FL No.: 62514
1/14/2015



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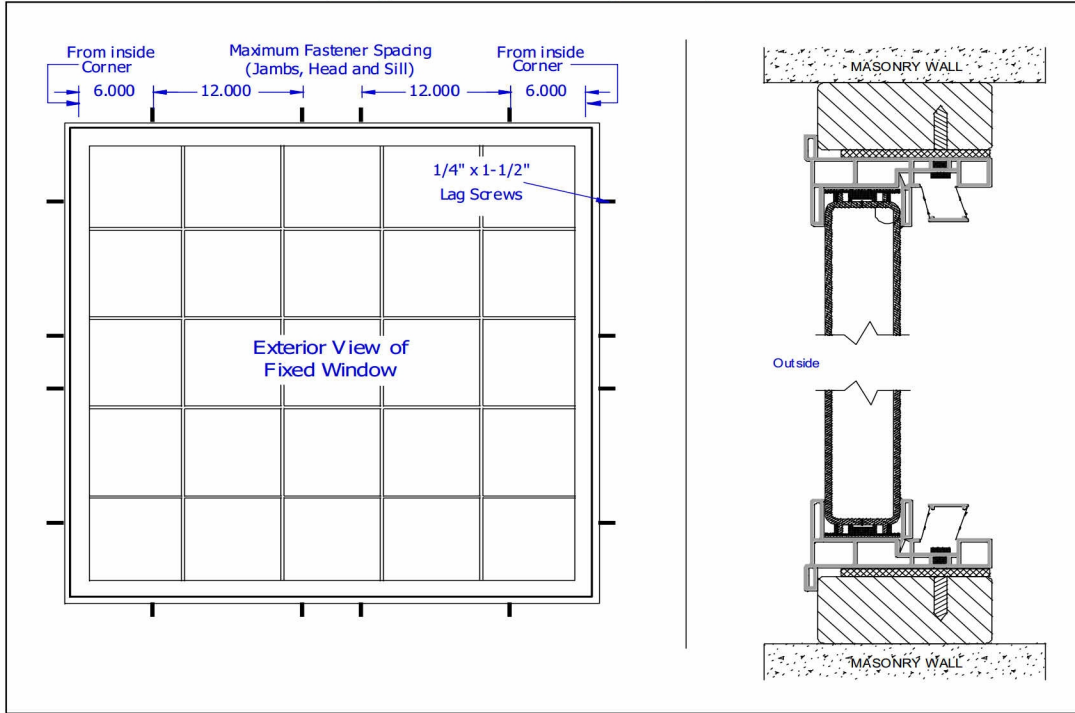
VF1500

(Using 2" x 4" Buck and Lag Screws)

Drawing Number:

08-02508

Rev: -



LEAVE BUBBLE WRAP ON! Before installing window unit, bubble wrap may be peeled back for inspection, please re-stick wrap to protect blocks from scratches and other damage until construction is complete.

2 x 4 Buck When installing in a 2 x 4 buck, use 1/4" lag screws of sufficient length to achieve 1 1/4" minimum penetration into the buck with 1" minimum edge distance. Buck must be properly secured to transfer all loads to building structure.

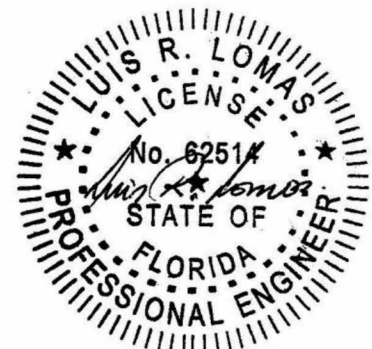
Note: 1/4" - 5/16" diameter holes through frame and 5/32" pilot holes in buck for lag screws is recommended.

- Step 1 Measure to make sure opening is 3/8" - 1/2" larger than window both Vertically and Horizontally.
- Step 2 Place shims in the sill of opening to center window in the opening vertically.
- Step 3 Apply a generous bead of silicone to backside of face flange. For reference, fastener channel is on the inside.
- Step 4 Insert window into opening from outside the house. Immediately press window tightly against buck to compress silicone on back of the flange.
- Step 5 Using a level, check the window for plumb and adjust shims at sill accordingly.
- Step 6 Install one lag screw near center of each jamb. Before tightening screw, a shim should be placed between frame and buck at screw location to prevent bowing of the frame and to allow screw to be fully tightened. Use extra caution not to overtighten any fasteners.
- Step 7 Repeat step 6 for the remaining fasteners using shims at all fasteners.

Fastener quantities required for each frame member (1/4" Lag Screws)												
Length of Frame Member	10"	18"	26"	34"	42"	50"	58"	66"	74"	82"	90"	98"
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- Step 10 Once all construction is complete, remove bubble wrap from inside and outside of the window. If necessary, clean blocks with a mild detergent and warm water using a soft cloth.

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