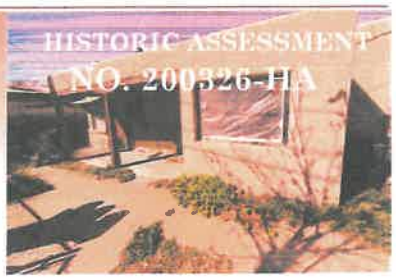
RPA & Associates, LLC.

PRESERVING OUR HISTORY

508 Ortega Rd NW Los Ranchos de Albuquerque, NM 87114
P.O. Box 10328 Albuquerque, NM 87184
505-379-7900
rpahistoric@gmail.com



TO Sergio Nunez
25 Calle Milpa
Santa Fe, NM 87507
sergio.an@live.com

JOB	DATE
216 MAYNARD STREET, SANTA FE, NM 87501	09/07/2026

LOCATION	DESCRIPTION
EAST	
A	36" x 49" STEEL CASEMENT FIXED 2W4H
SOUTH	
B	33" x 33" FIXED PLEXI GLASS NO WINDOWS
DR #1	32" x 80" RH INSWING METAL DOOR PRE-HUNG 6-PANEL
EAST	
C	60 ½" x 43" FIXED 1-LT WOOD STOPS
SOUTH	
D	84" x 49" STEEL CASEMENT 38/12 TRANSOM 5W1H LSR 1W3H/3W3H/1W3H
E	53" x 49" TRIPLE STEEL CASEMENT 38/12 TRANSOM 5W1H LSR 1W3H/3W3H/1W3H
EAST	
F	32" x 36" STOPPED IN WHITE CLAD SASH INSULATED GLASS IN WOOD FRAME W/DOOR CASING STOPS
NORTH	
G	53" x 49" LSR STEEL CASEMENT 3W1H 1W3H/1W3H/1W3H
H	53" x 38" LSR STEEL CASEMENT 3W1H 1W3H/1W3H/1W3H
I	38" x 38" LR INSWING CASEMENT 2W3H BARN SASHES
DR #2	26" x 63" SL 2W1H / 1W3H 32" x 80" LH 3W5H / 26" x 63" SC 2W1H/1W3H WOOD STOPPED, MECHANICAL NAILS
J	30" x 49" DOUBLE HUNG 3W1H/1-LT
K	30" x 49" DOUBLE HUNG 3W1H/1-LT

JOB	DATE
216 MAYNARD STREET, SANTA FE, NM 87501	09/07/2026

LOCATION	DESCRIPTION
NORTH	
DR #3	32" x 80" RH INSWING DOOR 1-LT/3-HORIZONTAL PANEL ALL WOOD
DR #4	30" x 79" LH INSWING DOOR 6-PANEL ALL WOOD
SOUTH	
L	30"x 49" DOUBLE HUNG 3W1H/1-LT
M	44" x 28" LR INSWING CASEMENT 2W2H 1 1/8" VERTICAL 1 5/8" HORIZONTAL BARN SASHES
N	22" x 28" FIXED 1-LT ALL WOOD
O	38" x 38" LR STEEL CASEMENT 1W3H/1W3H

In closing, my professional opinion is as follows:

Windows D, E, G, H, O are historic, meaning over 50 years old, however not the original windows of this house. The current units were added into the wood frames and wood frames were downsized to fit the steel casement windows. (See attached photo)

Windows A, J, and L are historic however unrestorable and 40% or more rotted.

Windows B, C, F, I, K, M, and N are non-historic.

Doors #1, #2, and #4 are non-historic.

Door #3 is historic.

The windows that are to be replaced should be in "like and kind" to window C-A. Kolbe, Marvin, Vista Luxe, and Weathershield are window manufacturers that make narrow profile products in clad/wood with simulated divided lites (SDL) to meet the historic requirements of per size and lite pattern to existing. If the steel windows are to be replaced with new steel windows as "Hope" windows, the lead times are 20 - 24 weeks. The glass must be installed on site. The cost of these windows are four times the cost of a clad/wood window.

NOTE:

- 1' x 6' T&G under the front portal is non-historic. The boards are installed with nail guns (1992).
- Awnings with green filon are non-historic. They are constructed with new 2' x 4' frame and filon from 1988.
- Missing corbel on the southeast corner of east (front portal). The corbel needs to be replaced like existing corbels (see attached picture).

If you have any questions, please contact me at 505-379-7900.

Assessment prepared by: Ra N. Patterson

RPA & ASSOCIATES, LLC| WINDOW & DOOR CONDITION AND INTEGRITY CODES

CODE	CONDITION AND INTEGRITY CODES
P = PREMIUM	EXTERIOR FINISHES AND SASH, FRAME, AND CASING MEMBER IN PREMIUM OR VERY GOOD CONDITION
	PUTTY GLAZE INTACT
	ONLY COSMECTIC TOUCH-UP, IF NEEDED
S = SATISFACTORY	EXTERIOR FINISHES FADING AND WORN IN PLACES BUT STILL ADHERED TO THE WINDOW MEMBERS.
	PUTTY GLAZING CRACKING BUT INTACT AND ALL SASHES, FRAMES, AND CASING MEMBER WITH LESS THAN 30% – 40% DETERIORATION
F = FAIR	EXTERIOR FINISHES HAVE CRACKED & PEELED, MISSING TO BARE SURFACE
	PUTTY GLAZING CRACKING AND MISSING IN 30% – 40% OF THE SASHES. ALL SASHES, FRAMES, AND CASINGS HAVE SOME MEMBERS 30% – 40% COMPLETELY DETERIORATED
U = UNSATISFACTORY	EXTERIOR FINISHES HAVE COMPLETELY DETERIORATED
	PUTTY GLAZING MOSTLY MISSING – ALL SASHES, FRAMES, AND CASING MEMBERS HAVE MORE THAN 30% - 40% DETERIORATION, BEYOND REPAIR

NOTES:

LABEL	WINDOW & DOOR DESCRIPTION	CONDITION & INTEGRITY CODE	HISTORIC/NON-HISTORIC - AGE
EAST			
A	36" x 49" STEEL CASEMENT FIXED CASEMENT 2W4H	U	**HISTORIC** - SASH BURIED IN STUCCO & WATER PENETRATION IN THE WALL
SOUTH			
B	33" x 33" FIXED PLEXI GLASS (NO WINDOW)	U	**NON-HISTORIC** - NOT A WINDOW ONLY AN OPENING IN THE WALL
DR #1	32" x 80" RH INSWING METAL DOOR 6-PANEL	S	**NON-HISTORIC** - THERMA TRU (2018)
EAST			
C	60 ½" x 43" FIXED 1-LT WOOD STOPS	F	**NON-HISTORIC** - SASHES MISSING STOPPED IN GLASS (1987)
SOUTH			
D	84" x 49" TRIPLE STEEL CASEMENT 38/12 TRANSOM 5W1H LSR 1W3H/3W3H/1W3H	F	**HISTORIC** - CONDENSATION DETERIORATION IN THE WALL
E	53" x 49" TRIPLE STEEL CASEMENT 38/12 TRANSOM 5W1H LSR 1W3H/3W3H/1W3H	F	**HISTORIC** - CONDENSATION DETERIORATION IN THE WALL

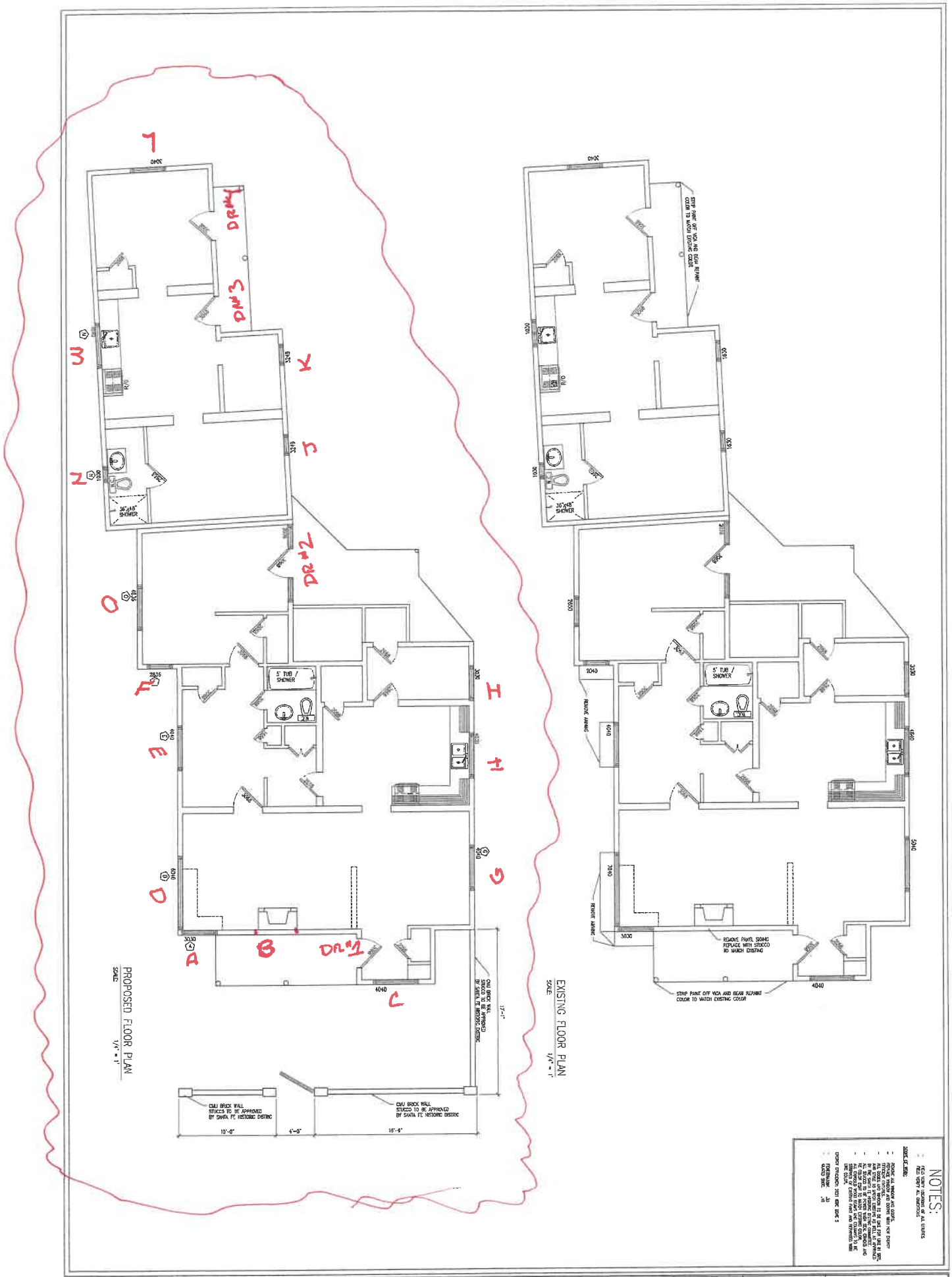
NOTES:

LABEL	WINDOW & DOOR DESCRIPTION	CONDITION & INTEGRITY CODE	HISTORIC/NON-HISTORIC - AGE
EAST			
F	32" x 36" STOPPED IN WHITE ALUMINUM CLAD/PINE SASH IN WOOD FRAME	U	**NON-HISTORIC** - WHITE CLAD/WOOD SASH STOPPED IN
NORTH			
G	53" x 49" TRIPLE STEEL CASEMENT 38/12 TRANSOM 5W1H LSR 1W3H/3W3H/1W3H	F	**HISTORIC** - CONDENSATION DETERIORATION IN THE WALL
H	53" x 38" TRIPLE STEEL CASEMENT 38/12 TRANSOM 5W1H LSR 1W3H/3W3H/1W3H	F	**HISTORIC** - CONDENSATION DETERIORATION IN THE WALL
I	38" x 38" TWIN LR INSWING CASEMENT (2-19") 2W3H	F	**NON-HISTORIC** - BARN SASHES, MECHANICAL NAILS (1989)
DR #2	26" x 63" SL INSWING DOOR ALL WOOD 2W1H / 32" x 80" 3W5H / 26" x 63" 2W1H 1-LT 1-LT 1-LT 1-LT 1-LT 1-LT	F	**NON-HISTORIC** - SIDE LITES MECHANICAL NAILS (1988) SIMPSON DOOR (1995)
J	30" x 49" DOUBLE HUNG 3W1H/1-LT ALL WOOD	U	**HISTORIC** - SASHES ROTTED BEYOND 40%
K	30" x 49" DOUBLE HUNG 3W1H/1-LT ALL WOOD	U	**HISTORIC** - SASHES ROTTED BEYOND 40%

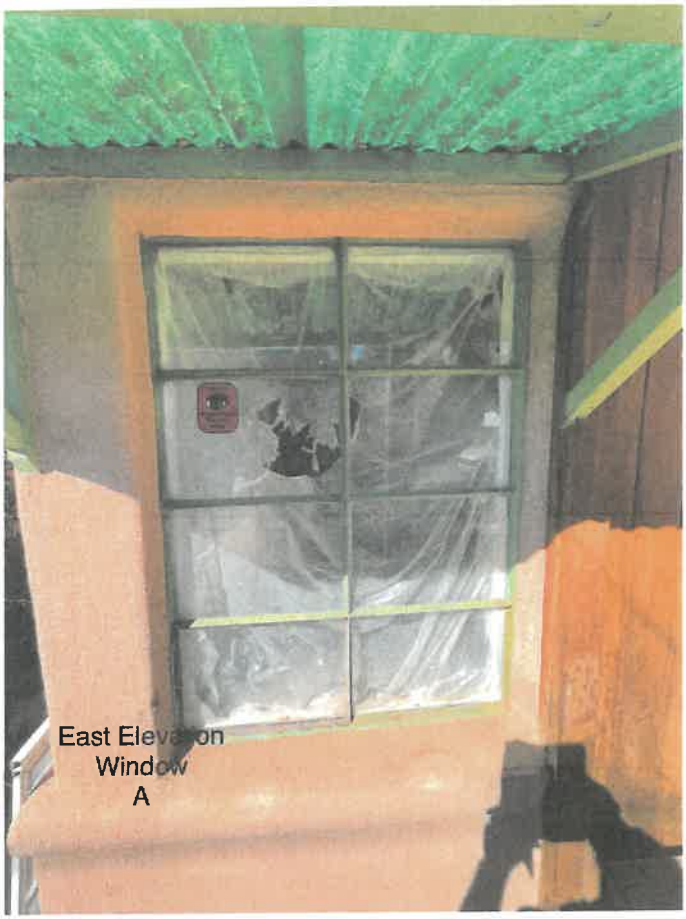
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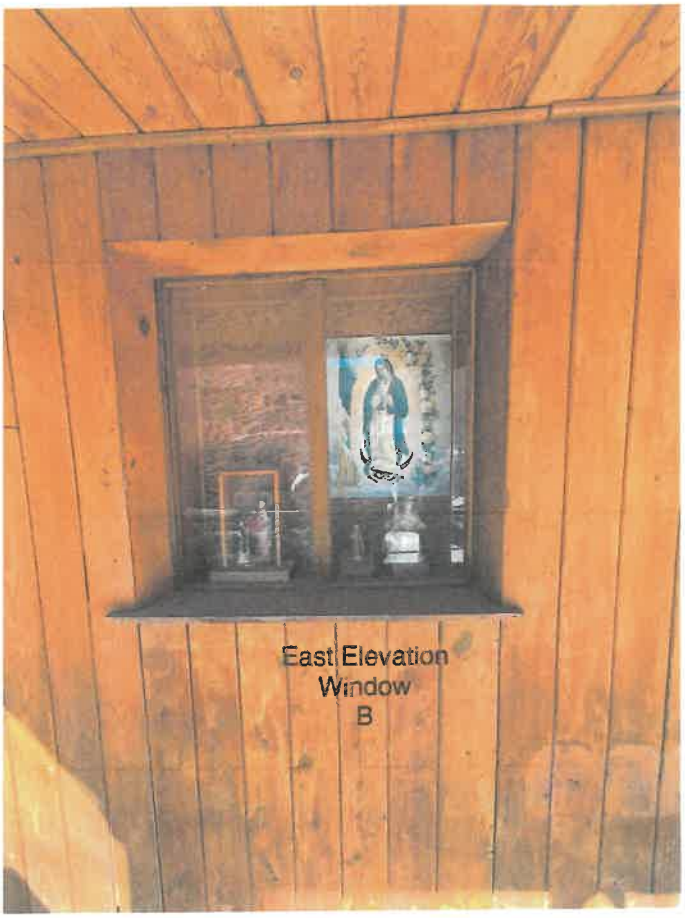
LABEL	WINDOW & DOOR DESCRIPTION	CONDITION & INTEGRITY CODE	HISTORIC/ NON-HISTORIC - AGE
NORTH			
DR #3	32" x 80" RH INSWING DOOR 1-LT/3-HORIZONTAL PANEL ALL WOOD	F	**HISTORIC**
DR #4	30" x 79" LH INSWING DOOR 6-PANEL ALL WOOD	F	**NON-HISTORIC** - SIMPSON (1995)
SOUTH			
L	30" x 49" DOUBLE HUNG 3W1H/1-LT ALL WOOD	U	**HISTORIC** - SASHES ROTTED BEYOND 40%
M	44" x 28" TWIN LR INSWING CASEMENT 2W2H ALL WOOD	F	**NON-HISTORIC** - BARN SASHES (1988)
N	22" x 28" FIXED 1-LT ALL WOOD	U	**NON-HISTORIC** - STOPPED IN SASH (1988)
O	38" x 38" TWIN SR STEEL CASEMENT (2-19") 1W3H	F	**HISTORIC**

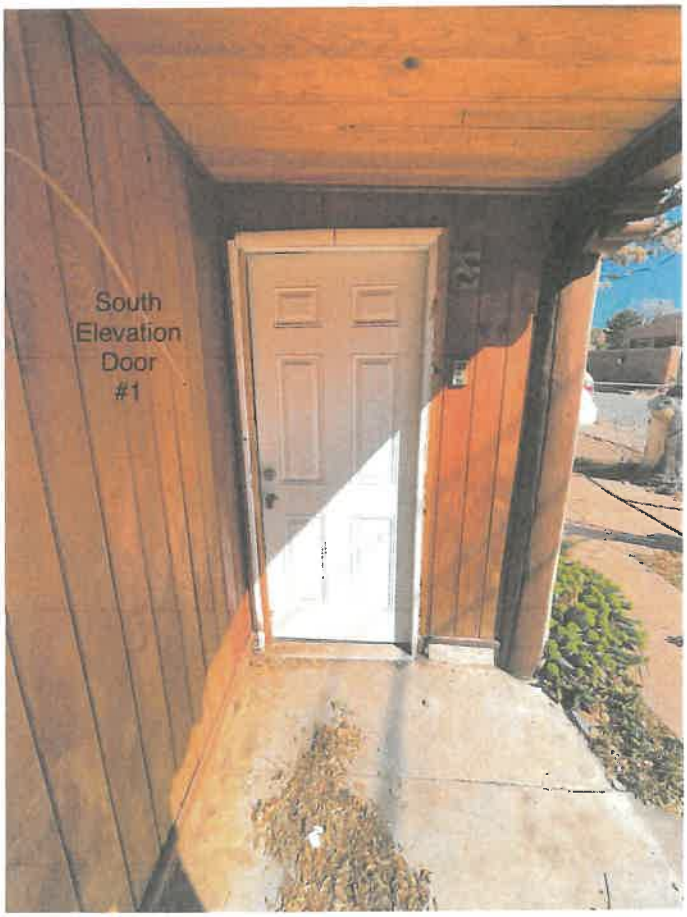
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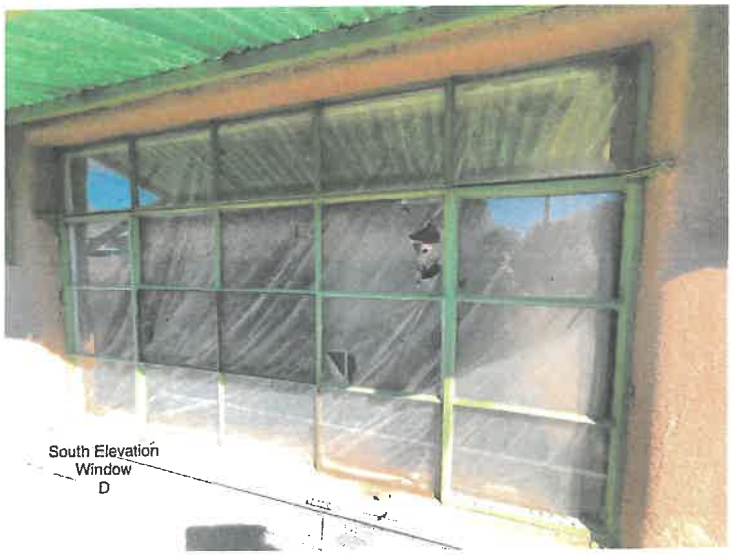
SHEET: A-2	DATE: 8.01.26 REVISED DATE 1. 2. 3. 4.	PROPERTY OWNER & ADDRESS: 216 A MAYNARD ST SANTA FE, NM 87501	SHEET TITLE: FLOOR PLAN SCALE: 1/4" = 1'	CADRAFTS DRAFTING SERVICES SUSIE DONA AIA LP RIO RANCHO NM 87144 PHONE: (505) 553-3517 EMAIL: CADRAFTS@MSN.COM ALL RIGHTS RESERVED. CADRAFTS MATERIAL MAY NOT BE REPRODUCED, REPLACED, MODIFIED, DISTRIBUTED OR USED FOR ANY OTHER BUILDING PROJECTS OTHER THAN AT THE ADDRESS INDICATED. SUCH ACTIONS SHALL REQUIRE THE WRITTEN PERMISSION OF CADRAFTS OR ITS REPRESENTATIVE.


East Elevation
Window
A


East Elevation
Window
B

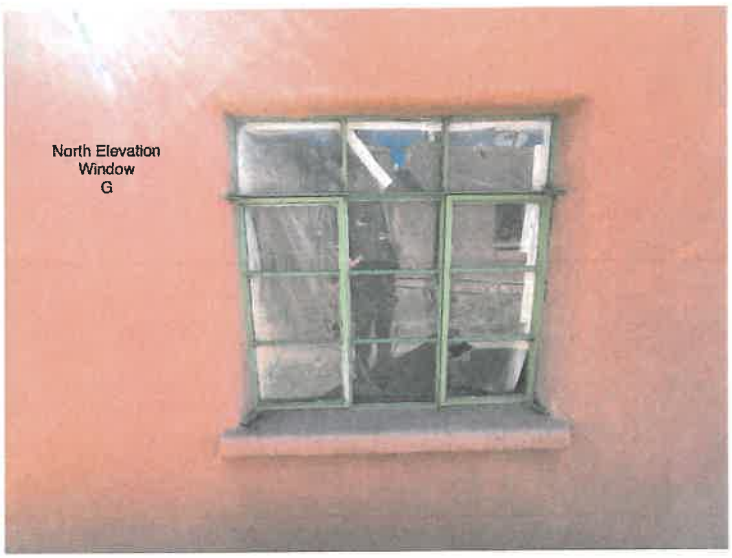

South
Elevation
Door
#1


East Elevation
Window
C
216


South Elevation
Window
D

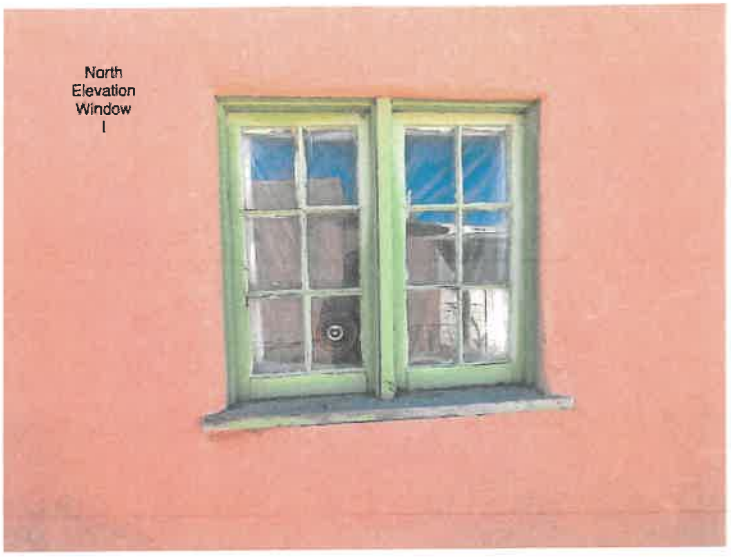

South
Elevation
Window
E


East Elevation
Window
F


North Elevation
Window
G



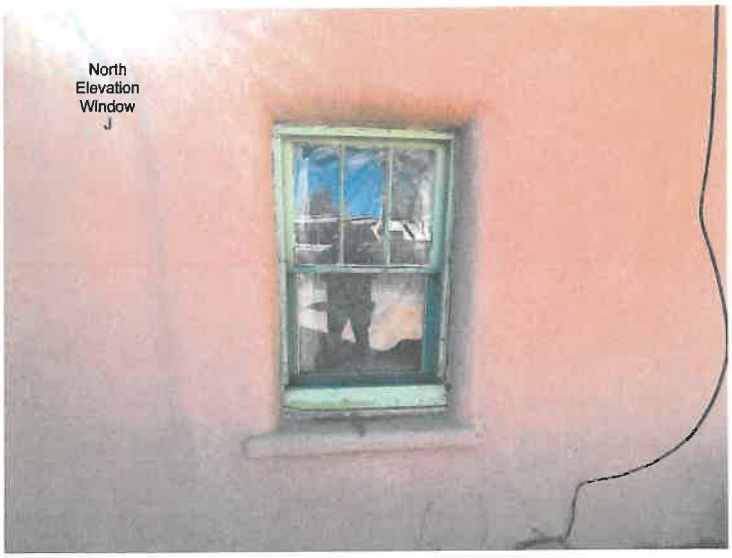
North
Elevation
Window
H



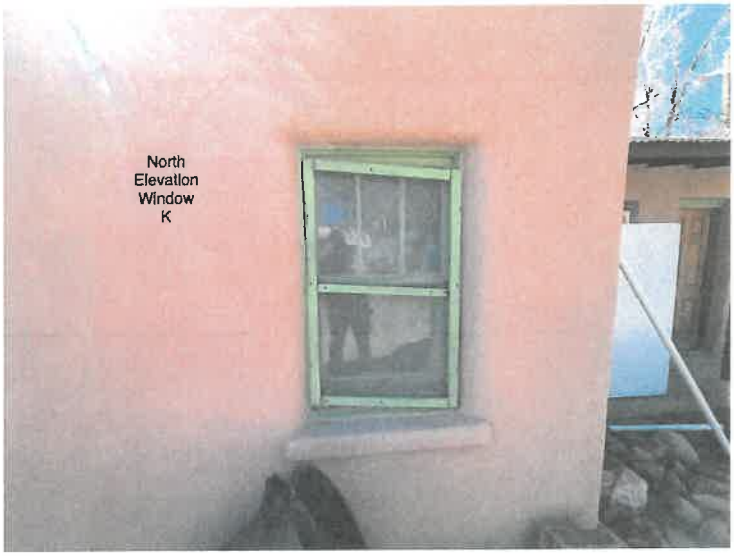
North
Elevation
Window
I

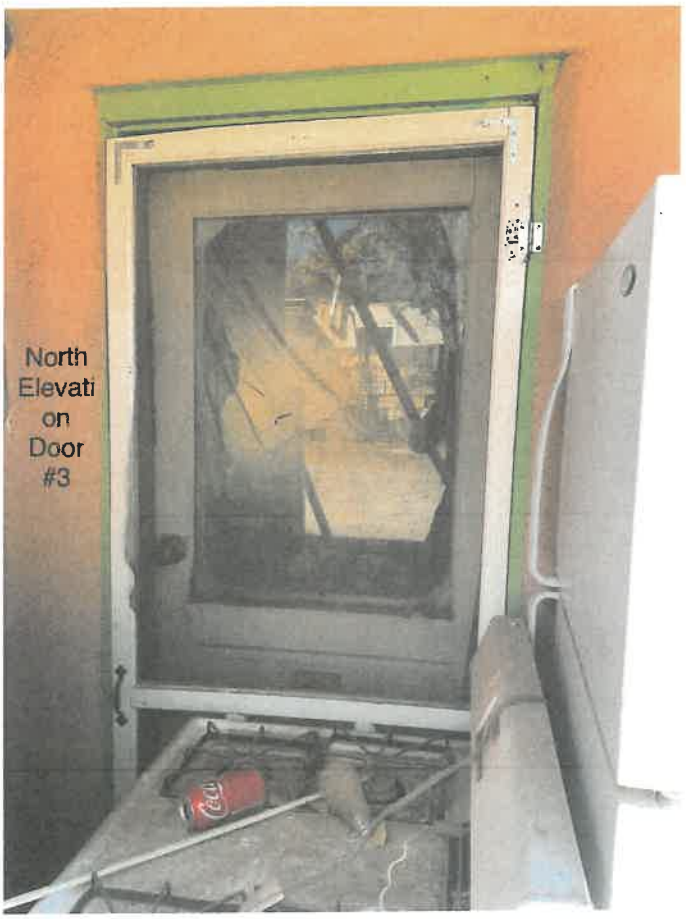


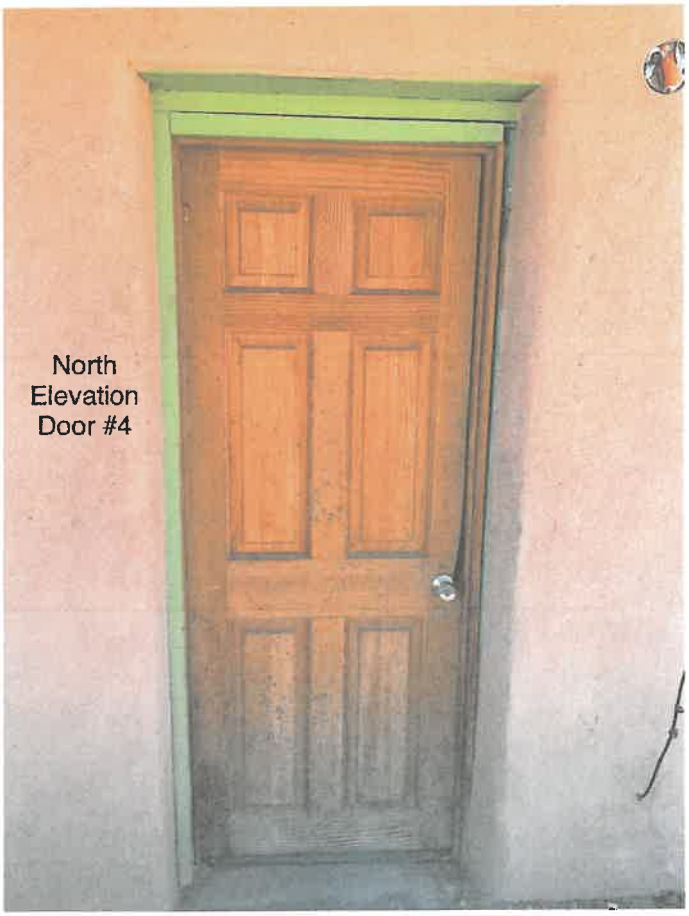
North
Elevation
Door #2

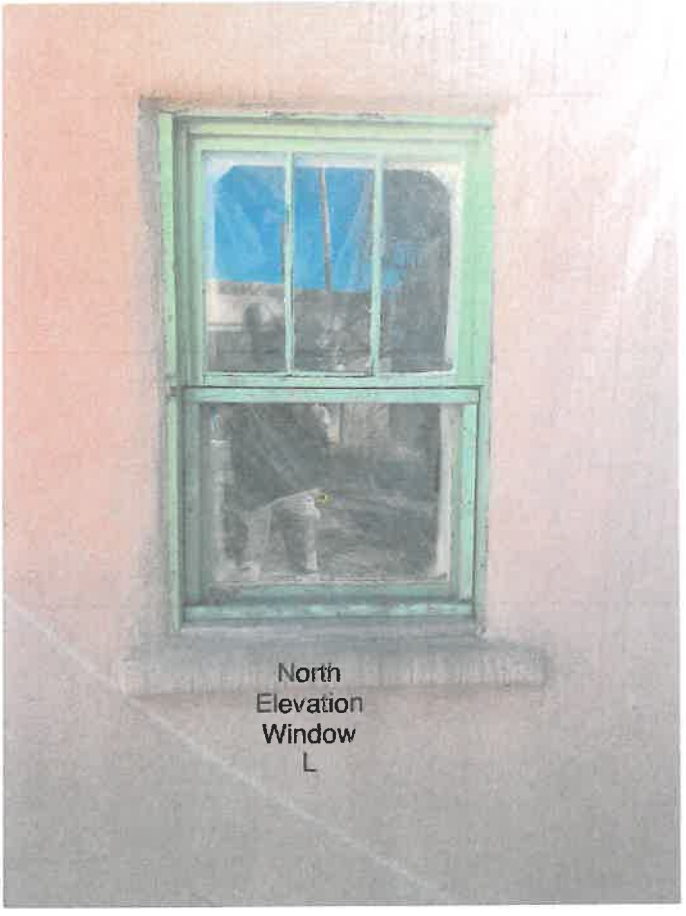


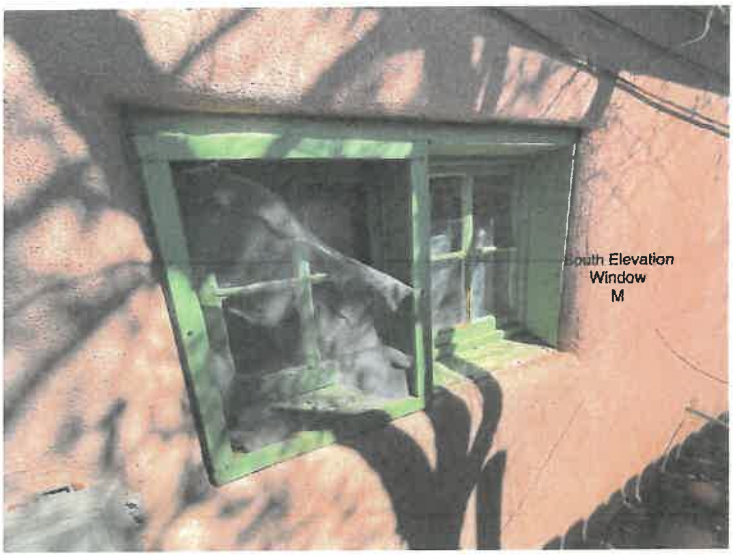
North
Elevation
Window
J


North
Elevation
Window
K

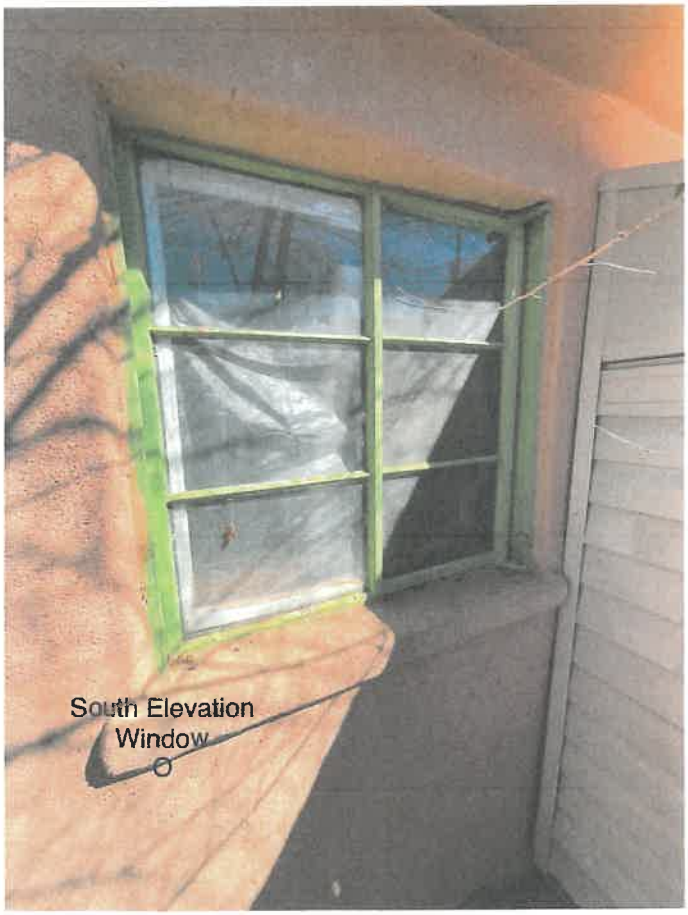

North
Elevati
on
Door
#3

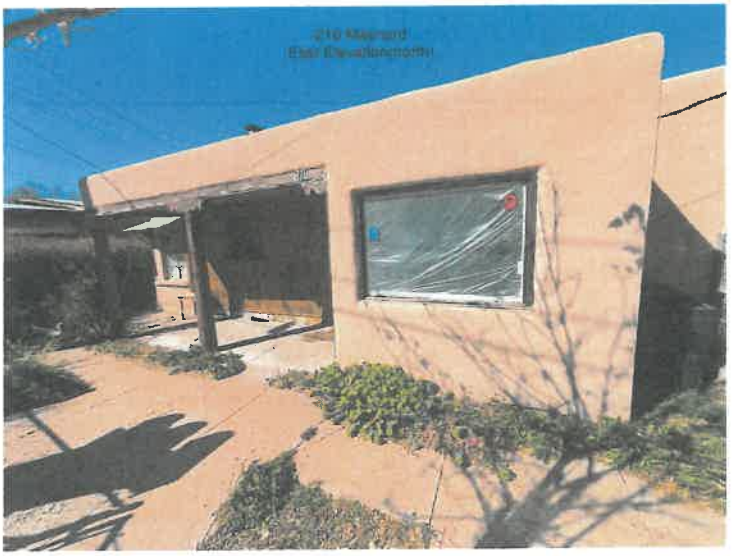

North
Elevation
Door #4

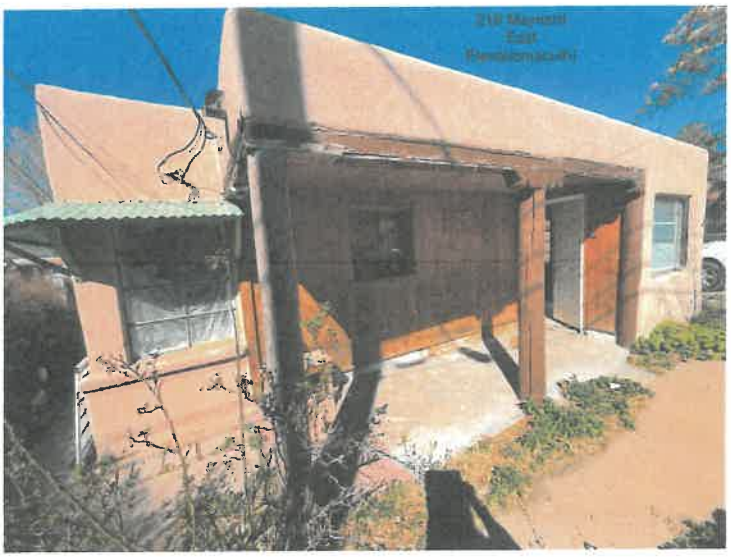

North
Elevation
Window
L


South Elevation
Window
M


South
Elevation
Window
N


South Elevation
Window






216 Maynard
South
Elevation(East)

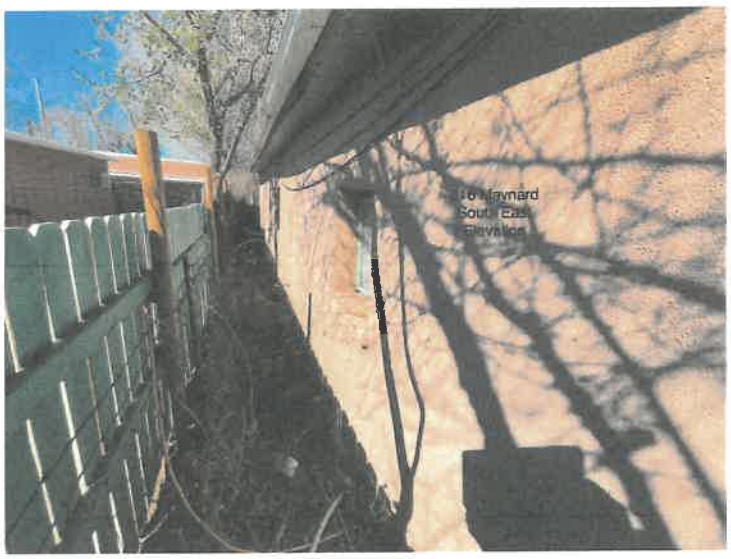

216 Maynard
South
Elevation

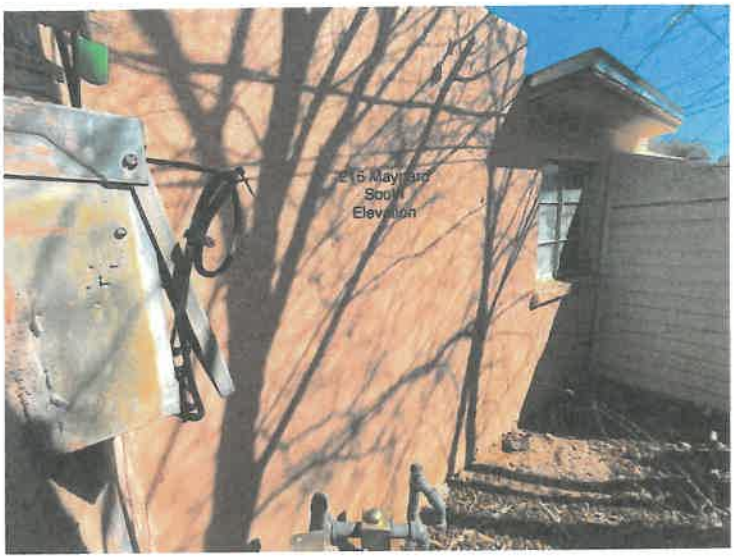

216 Maynard
North
Elevation


216 Maynard
North West
Elevation


216 Maynard
West Elevation


216 Maynard
NorthWest
Elevation


216 Maynard
South East
Elevation


Elevation


Typical
Rot


Green Filón
Awnings


Typical sill rot

On Behalf Of: Building Trade Specialties, Inc.
Address: 508 Ortega Rd NW
Los Ranchos De Albuquerque, NM 87114
Phone: 505-659-8713
Contact: Ra Patterson
Email: ra@bts-nm.com
Phone: 505-379-7900

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Luxury Windows & Doors

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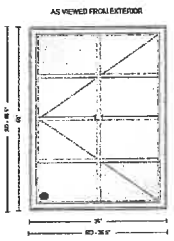
Quote 1470052L: Sergio Nunez
Project: 216 Maynard St SFNM Proposed windows and doors VL
Printed: 9/7/2026 6:55:52 PM

Printed By: Ra Patterson
Created: 9/7/2026

2026 Pricing

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

Line	Label	UOM	Quantity	Cubic Feet
001	A	**EA**	(1)	**6.98**



Scaled to Fit

Rough Opening:
36 1/2" X 48 1/2"

Frame Size:
36" X 48"

Unit Dimension:
36" X 48"

*** Unit ***
VLCS3040-1 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1: U-Value = 0.28, Metric U-Value = 1.59

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1: Clear glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 2W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

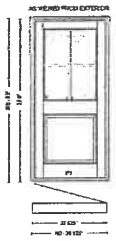
*** Casing-Jambs-Trim ***
Unit 1.1: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.

NOTE: SAME SIZE AND LIGHT PATTERN
EXISTING WINDOW STEEL CASEMENT
PROPOSED NARROW PROFILE (STEEL LOOK)
ALUMINUM CLAD EXT / WOOD INTERIOR

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

002 DR #1 **EA** (1) **15.11**



Scaled to Fit

Rough Opening:
38 1/8" X 83"

Frame Size:
37 5/8" X 82 1/2"

Unit Dimension:
39 7/8" X 83 5/8"

*** Unit ***
WXD3068TRD (Assy 1)

Heritage Rectangle Exterior Swinging Door

*** Stiles & Rails ***
Unit 1.1: 8" Cross Rail at 40"

*** Performance ***
Unit 1.1: U-Value = 0.31, Metric U-Value = 1.76

*** Unit ***
Unit 1.1: Wood Sash, Heritage, Inswing, Left Hinging, 1 Lite Over 1 Panel, Beveled Sticking, Raised Panel, 1 3/4" Panel, 1 3/4" Frame, Fixed Panel Construction

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Beveled Bead

Unit 1.1: Clear glass, Tempered Glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 2W2H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Beveled Bars - Exterior, Beveled Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: No Lock - Display Bore Options, Bore 2 Holes : 2-1/8", 2-3/8" Backset, 5-1/2" on Center Distance, 1" Cross Bore (Drive in Latch), 1" Dead Lock Cross Bore (Drive in Latch), 1" x 2-1/4" Dead Lock Mortise, 1" x 2-1/4" Mortise, Strike Prep, 1" x 2-1/4" Dead Lock Strike Prep, Adjustable Hinges, Rustic Umber Hinges, Beveled Panel Edge, No Screen - No Prep

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints (visible parts), K-Kron2 Exterior Sash, K-Kron2 Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Black Weatherstrip

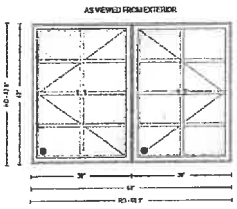
*** Casing-Jambs-Trim ***
Unit 1.1: Adjustable Bronze Cap Door Sill, Dark Bronze Anodized Door Sill, Standard Brickmould, Exterior Casing/Accessories Applied, 4-9/16" Jambs, Modern Trim Extension Jamb, No Installation Clips

Kolbe does not recommend the application of K-Kron2 or Primed Latex on raised panel doors. Please reference Kolbe's Warranty For Prefinishing guidelines.
Kolbe does not recommend or warrant doors using the aluminum sill with adjustable cap.
Individual Grille Division Type defaults may not always align with each other in certain mull/stack configurations. Please check layouts for acceptability and adjust if necessary.

NOTE: SAME SIZE

EXISTING DOOR 6-PNL METAL DOOR
PROPOSED ALL WOOD 1/2 GLASS WITH
2W2H DIVIDED LITE / 1/2 RAISED PANEL

003 C **EA** (1) **9.95**



Scaled to Fit

Rough Opening:
60 1/2" X 42 1/2"

Frame Size:
60" X 42"

Unit Dimension:
60" X 42"

*** Unit ***
VLCS2636-2 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1, 1.2: U-Value = 0.28, Metric U-Value = 1.59

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

Unit 1.2: Extruded Sash, Crank Out, Right Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1, 1.2: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1, 1.2: Clear glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 2W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.2: Performance Divided Lites, Colonial, Align Horizontal Bars, 2W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1, 1.2: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1, 1.2: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

*** Casing-Jambs-Trim ***
Unit 1.1, 1.2: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

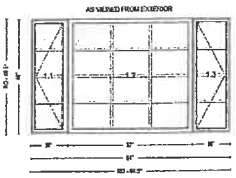
Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.

NOTE: SAME SIZE

EXISTING WINDOW WOOD FRAMED W/ STOPPED PC OF GLASS.

PROPOSED NARROW PROFILE (STEEL LOOK)
ALUMINUM CLAD EXT. / WOOD INTERIOR

004 D **EA** (1) **15.57**



Scaled to Fit

Rough Opening:
84 1/2" X 48 1/2"

Frame Size:
84" X 48"

Unit Dimension:
84" X 48"

*** Unit ***
Unit 1.1: VLCS1440-1 (Assy 1)

Unit 1.2: VLCS (Assy 2)

Unit 1.3: VLCS1440-1 (Assy 3)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1, 1.3: U-Value = 0.28, Metric U-Value = 1.59

Unit 1.2: U-Value = 0.26, Metric U-Value = 1.48

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

Unit 1.2: Crank Out, Stationary Hinging, Flush Frame, Square Stop

Unit 1.3: Extruded Sash, Crank Out, Right Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1, 1.3: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1, 1.2, 1.3: Clear glass

Unit 1.2: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 1W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.2: Performance Divided Lites, Colonial, Align Horizontal Bars, 3W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.3: Performance Divided Lites, Colonial, Align Horizontal Bars, 1W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1, 1.3: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1, 1.3: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

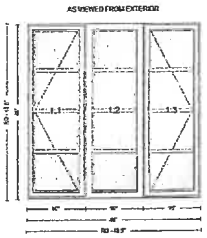
Unit 1.2: Pine Species, No Fingerjoints (visible parts), Mediterranean 70% Fluoropolymer Exterior Frame, Mediterranean Exterior Lite Bars, Unfinished Interior Frame, 70% Fluoropolymer Exterior Divided Lite Bar Finish, Unfinished Interior Divided Lite Bar Finish

*** Casing-Jambs-Trim ***
Unit 1.1, 1.2, 1.3: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

NOTE: SAME SIZE AND LIGHT PATTERN
EXISTING WINDOW: STEEL CASEMENT
PROPOSED: NARROW PROFILE (STEEL LOOK) ALUMINUM CLAD EXT / WO INT

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

005 E **EA** (1) **9.13**



Scaled to Fit

Rough Opening:
48 1/2" X 48 1/2"

Frame Size:
48" X 48"

Unit Dimension:
48" X 48"

*** Unit ***
VLCS1440-3 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1, 1.3: U-Value = 0.28, Metric U-Value = 1.59

Unit 1.2: U-Value = 0.26, Metric U-Value = 1.48

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

Unit 1.2: Crank Out, Stationary Hinging, Flush Frame, Square Stop

Unit 1.3: Extruded Sash, Crank Out, Right Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1, 1.3: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1, 1.2, 1.3: Clear glass

Unit 1.2: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 1W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.2, 1.3: Performance Divided Lites, Colonial, Align Horizontal Bars, 1W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1, 1.3: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1, 1.3: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

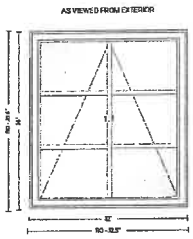
Unit 1.2: Pine Species, No Fingerjoints (visible parts), Mediterranean 70% Fluoropolymer Exterior Frame, Mediterranean Exterior Lite Bars, Unfinished Interior Frame, 70% Fluoropolymer Exterior Divided Lite Bar Finish, Unfinished Interior Divided Lite Bar Finish

*** Casing-Jambs-Trim ***
Unit 1.1, 1.2, 1.3: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

NOTE: SAME SIZE AND LIGHT PATTERN
EXISTING WINDOW: STEEL CASEMENT
PROPOSED: NARROW PROFILE (STEEL LOOK) ALUMINUM CLAD EXT / WOOD INT.

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

006 F **EA** (1) **4.79**



Scaled to Fit

Rough Opening:
32 1/2" X 36 1/2"

Frame Size:
32" X 36"

Unit Dimension:
32" X 36"

*** Unit ***
VLA2830-1 (Assy 1)

VistaLuxe Rectangle Awning

*** Performance ***
Unit 1.1: U-Value = 0.29, Metric U-Value = 1.65

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Venting Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1: Clear glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 2W3H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: Standard Ashlar Handle, Multi-Point Lock, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

*** Casing-Jambs-Trim ***
Unit 1.1: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

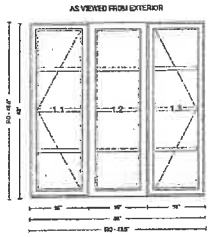
NOTE: SAME SIZE

EXISTING WINDOW: ALUMINUM CLAD/WOOD SASH STOPPED INTO FRAME

PROPOSED: NARROW PROFILE (STEEL LOOK) ALUMINUM CLAD EXT/WOOD INT WITH DIVIDED LIGHT SIMILAR TO "D" & "E"

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

007 G **EA** (1) **9.13**



Scaled to Fit

Rough Opening:
48 1/2" X 48 1/2"

Frame Size:
48" X 48"

Unit Dimension:
48" X 48"

*** Unit ***
VLCS1440-3 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1, 1.3: U-Value = 0.28, Metric U-Value = 1.59

Unit 1.2: U-Value = 0.26, Metric U-Value = 1.48

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

Unit 1.2: Crank Out, Stationary Hinging, Flush Frame, Square Stop

Unit 1.3: Extruded Sash, Crank Out, Right Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1, 1.3: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1, 1.2, 1.3: Clear glass

Unit 1.2: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 1W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.2, 1.3: Performance Divided Lites, Colonial, Align Horizontal Bars, 1W4H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1, 1.3: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1, 1.3: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

Unit 1.2: Pine Species, No Fingerjoints (visible parts), Mediterranean 70% Fluoropolymer Exterior Frame, Mediterranean Exterior Lite Bars, Unfinished Interior Frame, 70% Fluoropolymer Exterior Divided Lite Bar Finish, Unfinished Interior Divided Lite Bar Finish

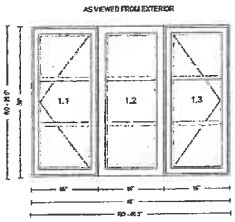
*** Casing-Jambs-Trim ***
Unit 1.1, 1.2, 1.3: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

NOTE: SAME SIZE AND LIGHT PATTERN

EXISTING WINDOW: STEEL CASEMENT

PROPOSED: NARROW PROFILE (STEEL LOOK) ALUMINUM CLAD EXT/WOOD INTERIOR

008 H **EA** **(1)** **6.98**



Scaled to Fit

Rough Opening:
48 1/2" X 36 1/2"

Frame Size:
48" X 36"

Unit Dimension:
48" X 36"

*** Unit ***
VLCS1430-3 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1, 1.3: U-Value = 0.28, Metric U-Value = 1.59

Unit 1.2: U-Value = 0.26, Metric U-Value = 1.48

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

Unit 1.2: Crank Out, Stationary Hinging, Flush Frame, Square Stop

Unit 1.3: Extruded Sash, Crank Out, Right Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1, 1.3: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1, 1.2, 1.3: Clear glass

Unit 1.2: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 1W3H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.2, 1.3: Performance Divided Lites, Colonial, Align Horizontal Bars, 1W3H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1, 1.3: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1, 1.3: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

Unit 1.2: Pine Species, No Fingerjoints (visible parts), Mediterranean 70% Fluoropolymer Exterior Frame, Mediterranean Exterior Lite Bars, Unfinished Interior Frame, 70% Fluoropolymer Exterior Divided Lite Bar Finish, Unfinished Interior Divided Lite Bar Finish

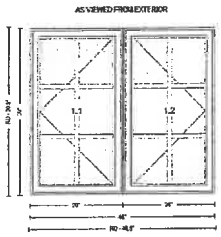
*** Casing-Jambs-Trim ***
Unit 1.1, 1.2, 1.3: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

NOTE: SAME SIZE AND LIGHT PATTERN

EXUTING WINDOW: STEEL CASEMENT
PROPOSED: NARROW PROFILE (STEEL LOOK) ALUMINUM CLAD EXT/WOOD INTERIOR

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

009 I **EA** **(1)** **5.88**



Scaled to Fit

Rough Opening:
40 1/2" X 36 1/2"

Frame Size:
40" X 36"

Unit Dimension:
40" X 36"

*** Unit ***
VLCS1830-2 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1, 1.2: U-Value = 0.28, Metric U-Value = 1.59

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

Unit 1.2: Extruded Sash, Crank Out, Right Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1, 1.2: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1, 1.2: Clear glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 2W3H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.2: Performance Divided Lites, Colonial, Align Horizontal Bars, 2W3H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1, 1.2: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1, 1.2: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

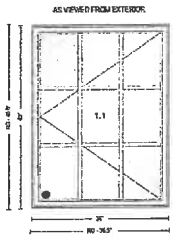
*** Casing-Jambs-Trim ***
Unit 1.1, 1.2: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

NOTE: SAME SIZE AND LIGHT PATTERN

EXISTING: ALL WOOD BARN SASHES
WINDOW

PROPOSED: ALUMINUM CLAD EXT / WOOD INTERIOR

010 DR#2-Window **EA** (1) **6.98**



Scaled to Fit

Rough Opening:
36 1/2" X 48 1/2"

Frame Size:
36" X 48"

Unit Dimension:
36" X 48"

*** Unit ***
VLCS3040-1 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1: U-Value = 0.28, Metric U-Value = 1.59

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1: Clear glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 3W3H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

*** Casing-Jambs-Trim ***
Unit 1.1: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

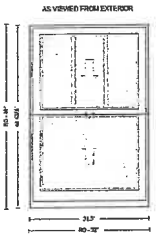
Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.
Individual Grille Division Type defaults may not always align with each other in certain mull/stack configurations. Please check layouts for acceptability and adjust if necessary.

NOTE: EXISTING UNIT IS A NON-HISTORIC DOOR & SIDELIGHTS

ALL WOOD

PROPOSED: ALUMINUM CLAD EXT / WOOD INTERIOR WINDOW W/ DIVIDED LIGHTS

011 J **EA** (1) **6.23**



Scaled to Fit

Rough Opening:
32" X 49"

Frame Size:
31 1/2" X 48 7/16"

Unit Dimension:
31 1/2" X 48 7/16"

*** Unit ***
UDH2620-1 (Assy 1)

Ultra Rectangle Double Hung

*** Performance ***
Unit 1.1: U-Value = 0.29, Metric U-Value = 1.65

*** Unit ***
Unit 1.1: #1117 Vintage, Extruded Sash, Sterling, Sash Operation: Top & Bottom Active, Square Basic Jamb Profile

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Beveled Bead

Unit 1.1 Lower, 1.1 Upper: Clear glass

*** Lite Divisions ***
Unit 1.1 Lower: None

Unit 1.1 Upper: Performance Divided Lites, Colonial, 3W1H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Beveled Bars - Exterior, Beveled Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: Clay (Rustic) Hardware, Spoon Lock, Clay (Rustic) Traditional Style Lift Handle, BetterVue Fiberglass Full Screen, Screen(s) Loose, Black Jambliner, 1 Per Botton Sash Lift Handle

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Wood Wrapped Jambliner, Black Vertical Weatherstrip

*** Casing-Jambs-Trim ***
Unit 1.1: No Casing, No Sill Nosing, Nailing Fin, 4-9/16" Jambs, No Installation Clips

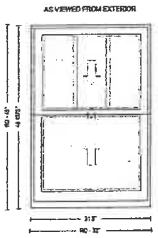
Please be aware Retractable Screens and Sash Lifts (supplied by Kolbe or by others) when used together will interfere with unit/screen operation.

NOTE: SAME SIZE AND LIGHT PATTERN AND MATERIALS

EXISTING: ALL WOOD DOUBLE HUNG

PROPOSED: ALUMINUM CLAD EXT / WOOD INT.

012 K **EA** (1) **6.23**



Scaled to Fit

Rough Opening:
32" X 49"

Frame Size:
31 1/2" X 48 7/16"

Unit Dimension:
31 1/2" X 48 7/16"

*** Unit ***
UDH2620-1 (Assy 1)

Ultra Rectangle Double Hung

*** Performance ***
Unit 1.1: U-Value = 0.29, Metric U-Value = 1.65

*** Unit ***
Unit 1.1: #1117 Vintage, Extruded Sash, Sterling, Sash Operation: Top & Bottom Active, Square Basic Jamb Profile

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Beveled Bead

Unit 1.1 Lower, 1.1 Upper: Clear glass

*** Lite Divisions ***
Unit 1.1 Lower: None

Unit 1.1 Upper: Performance Divided Lites, Colonial, 3W1H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Beveled Bars - Exterior, Beveled Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: Clay (Rustic) Hardware, Spoon Lock, Clay (Rustic) Traditional Style Lift Handle, BetterVue Fiberglass Full Screen, Screen(s) Loose, Black Jambliner, 1 Per Botton Sash Lift Handle

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Wood Wrapped Jambliner, Black Vertical Weatherstrip

*** Casing-Jambs-Trim ***
Unit 1.1: No Casing, No Sill Nosing, Nailing Fin, 4-9/16" Jambs, No Installation Clips

Please be aware Retractable Screens and Sash Lifts (supplied by Kolbe or by others) when used together will interfere with unit/screen operation.

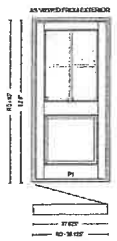
NOTE: SAME SIZE AND LIGHT PATTERN AND MATERIALS

EXISTING: ALL WOOD DOUBLE HUNG

PROPOSED: ALUMINUM CLAD EXT/WOOD INT

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

013 DOOR #3 **EA** (1) **15.11**



Scaled to Fit

Rough Opening:
38 1/8" X 83"

Frame Size:
37 5/8" X 82 1/2"

Unit Dimension:
39 7/8" X 83 5/8"

*** Unit ***
WXD3068TRD (Assy 1)

Heritage Rectangle Exterior Swinging Door

*** Stiles & Rails ***
Unit 1.1: 8" Cross Rail at 40"

*** Performance ***
Unit 1.1: U-Value = 0.31, Metric U-Value = 1.76

*** Unit ***
Unit 1.1: Wood Sash, Heritage, Inswing, Left Hinging, 1 Lite Over 1 Panel, Beveled Sticking, Raised Panel, 1 3/4" Panel, 1 3/4" Frame, Fixed Panel Construction

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Beveled Bead

Unit 1.1: Clear glass, Tempered Glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 2W2H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Beveled Bars - Exterior, Beveled Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: No Lock - Display Bore Options, Bore 2 Holes : 2-1/8", 2-3/8" Backset, 5-1/2" on Center Distance, 1" Cross Bore (Drive in Latch), 1" Dead Lock Cross Bore (Drive in Latch), 1" x 2-1/4" Dead Lock Mortise, 1" x 2-1/4" Mortise, Strike Prep, 1" x 2-1/4" Dead Lock Strike Prep, Adjustable Hinges, Rustic Umber Hinges, Beveled Panel Edge, No Screen - No Prep

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints (visible parts), K-Kron2 Exterior Sash, K-Kron2 Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Black Weatherstrip

*** Casing-Jambs-Trim ***
Unit 1.1: Adjustable Bronze Cap Door Sill, Dark Bronze Anodized Door Sill, Standard Brickmould, Exterior Casing/Accessories Applied, 4-9/16" Jambs, Modern Trim Extension Jamb, No Installation Clips

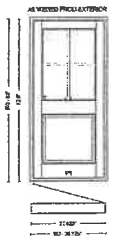
Kolbe does not recommend the application of K-Kron2 or Primed Latex on raised panel doors. Please reference Kolbe's Warranty For Prefinishing guidelines.
Kolbe does not recommend or warrant doors using the aluminum sill with adjustable cap.

NOTE: SAME SIZE, LIGHT PATTERN AND MATERIALS

EXISTING: ALL WOOD

PROPOSED: ALL WOOD 1/2 GLASS WITH DIVIDED LIGHT
1/2 RAISED PANEL

014 DOOR #4 **EA** (1) **15.11**



Scaled to Fit

Rough Opening:
38 1/8" X 83"

Frame Size:
37 5/8" X 82 1/2"

Unit Dimension:
39 7/8" X 83 5/8"

*** Unit ***
WXD3068TRD (Assy 1)

Heritage Rectangle Exterior Swinging Door

*** Stiles & Rails ***
Unit 1.1: 8" Cross Rail at 40"

*** Performance ***
Unit 1.1: U-Value = 0.31, Metric U-Value = 1.76

*** Unit ***
Unit 1.1: Wood Sash, Heritage, Inswing, Left Hinging, 1 Lite Over 1 Panel, Beveled Sticking, Raised Panel, 1 3/4" Panel, 1 3/4" Frame, Fixed Panel Construction

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Beveled Bead

Unit 1.1: Clear glass, Tempered Glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 2W2H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Beveled Bars - Exterior, Beveled Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: No Lock - Display Bore Options, Bore 2 Holes : 2-1/8", 2-3/8" Backset, 5-1/2" on Center Distance, 1" Cross Bore (Drive in Latch), 1" Dead Lock Cross Bore (Drive in Latch), 1" x 2-1/4" Dead Lock Mortise, 1" x 2-1/4" Mortise, Strike Prep, 1" x 2-1/4" Dead Lock Strike Prep, Adjustable Hinges, Rustic Umber Hinges, Beveled Panel Edge, No Screen - No Prep

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints (visible parts), K-Kron2 Exterior Sash, K-Kron2 Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Black Weatherstrip

*** Casing-Jambs-Trim ***
Unit 1.1: Adjustable Bronze Cap Door Sill, Dark Bronze Anodized Door Sill, Standard Brickmould, Exterior Casing/Accessories Applied, 4-9/16" Jambs, Modern Trim Extension Jamb, No Installation Clips

Kolbe does not recommend the application of K-Kron2 or Primed Latex on raised panel doors. Please reference Kolbe's Warranty For Prefinishing guidelines.
Kolbe does not recommend or warrant doors using the aluminum sill with adjustable cap.

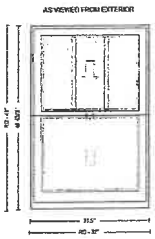
NOTE: SAME SIZE, LIGHT PATTERN AND MATERIALS

EXISTING: ALL WOOD

PROPOSED: ALL WOOD 1/2 GLASS WITH

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

015 L **EA** **(1)** **6.23**



Scaled to Fit

Rough Opening:
32" X 49"

Frame Size:
31 1/2" X 48 7/16"

Unit Dimension:
31 1/2" X 48 7/16"

*** Unit ***
UDH2620-1 (Assy 1)

Ultra Rectangle Double Hung

*** Performance ***
Unit 1.1: U-Value = 0.29, Metric U-Value = 1.65

*** Unit ***
Unit 1.1: #1117 Vintage, Extruded Sash, Sterling, Sash Operation: Top & Bottom Active, Square Basic Jamb Profile

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Beveled Bead

Unit 1.1 Lower, 1.1 Upper: Clear glass

*** Lite Divisions ***
Unit 1.1 Lower: None

Unit 1.1 Upper: Performance Divided Lites, Colonial, 3W1H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Beveled Bars - Exterior, Beveled Bars - Interior

*** Hardware-Accessories ***
Unit 1.1: Clay (Rustic) Hardware, Spoon Lock, Clay (Rustic) Traditional Style Lift Handle, BetterVue Fiberglass Full Screen, Screen(s) Loose, Black Jambliner, 1 Per Botton Sash Lift Handle

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Wood Wrapped Jambliner, Black Vertical Weatherstrip

*** Casing-Jambs-Trim ***
Unit 1.1: No Casing, No Sill Nosing, Nailing Fin, 4-9/16" Jambs, No Installation Clips

Please be aware Retractable Screens and Sash Lifts (supplied by Kolbe or by others) when used together will interfere with unit/screen operation.

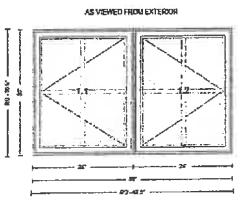
NOTE: SAME SIZE AND LIGHT PATTERN AND MATERIALS

EXISTING: ALL WOOD DOUBLE HUNG

PROPOSED: ALUMINUM CLAD EXT / WOOD INT

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

016 M **EA** (1) **5.90**



Scaled to Fit

Rough Opening:
48 1/2" X 30 1/2"

Frame Size:
48" X 30"

Unit Dimension:
48" X 30"

*** Unit ***
VLCS2026-2 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1, 1.2: U-Value = 0.28, Metric U-Value = 1.59

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

Unit 1.2: Extruded Sash, Crank Out, Right Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1, 1.2: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1, 1.2: Clear glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 2W2H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.2: Performance Divided Lites, Colonial, Align Horizontal Bars, 2W2H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1, 1.2: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1, 1.2: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

*** Casing-Jambs-Trim ***
Unit 1.1, 1.2: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

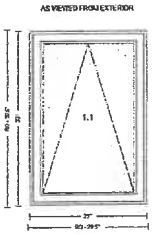
NOTE: SAME SIZE, LIGHT PATTERN AND MATERIALS

EXISTING: ALL WOOD INSWING BARN SASHES

PROPOSED: ALUMINUM CLAD EXT / WOOD INTERIOR

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

017 N **EA** (1) **2.66**



Scaled to Fit

Rough Opening:
20 1/2" X 30 1/2"

Frame Size:
20" X 30"

Unit Dimension:
20" X 30"

*** Unit ***
VLA1826-1 (Assy 1)

VistaLuxe Rectangle Awning

*** Performance ***
Unit 1.1: U-Value = 0.29, Metric U-Value = 1.65

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Venting Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1: Clear glass

*** Hardware-Accessories ***
Unit 1.1: Standard Ashlar Handle, Multi-Point Lock, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

*** Species-Finish-Color ***
Unit 1.1: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

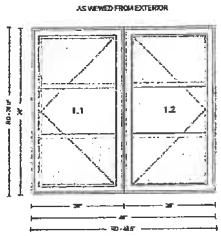
*** Casing-Jambs-Trim ***
Unit 1.1: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

NOTE: SAME SIZE AND LIGHT PATTERN AND MATERIAL

EXISTING: ALL WOOD - FIXED

PROPOSED: ALUMINUM CLAD EXT / WOOD INT.

018 O **EA** (1) **5.88**



Scaled to Fit

Rough Opening:
40 1/2" X 36 1/2"

Frame Size:
40" X 36"

Unit Dimension:
40" X 36"

*** Unit ***
VLCS1830-2 (Assy 1)

VistaLuxe Rectangle Casement

*** Performance ***
Unit 1.1, 1.2: U-Value = 0.28, Metric U-Value = 1.59

*** Unit ***
Unit 1.1: Extruded Sash, Crank Out, Left Hinging, Flush Frame, Square Stop

Unit 1.2: Extruded Sash, Crank Out, Right Hinging, Flush Frame, Square Stop

*** Glass ***
Unit 1.1, 1.2: Dual Glazed, Solar Control Low-E with Therma Plus Glass, Mill Finish Spacer, High Altitude, Glass Preserve without Neat+ Coating, Square (S4S) Bead

Unit 1.1, 1.2: Clear glass

*** Lite Divisions ***
Unit 1.1: Performance Divided Lites, Colonial, 1W3H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

Unit 1.2: Performance Divided Lites, Colonial, Align Horizontal Bars, 1W3H, 7/8" Bars, 7/8" Bars, Champagne Internal Spacers, Square (S4S) Bars - Exterior, Square (S4S) Bars - Interior

*** Hardware-Accessories ***
Unit 1.1, 1.2: Standard Ashlar Handle, Ashlar Lock Lever, Matte Black Hardware, Stainless Steel Locking Hardware, Stainless Steel Operating Hardware, BetterVue Fiberglass Screen, Screen(s) Loose

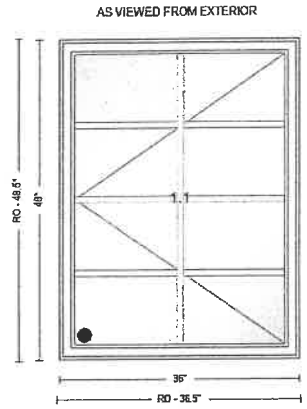
*** Species-Finish-Color ***
Unit 1.1, 1.2: Pine Species, No Fingerjoints, 70% Fluoropolymer Exterior Sash, 70% Fluoropolymer Exterior Frame, Match All Ext Colors, Mediterranean Exterior, Unfinished Interior Sash, Unfinished Interior Frame, Rustic Screen

*** Casing-Jambs-Trim ***
Unit 1.1, 1.2: No Floor Sill on Bottommost Window(s), No Casing, Nailing Fin, 4-9/16" Jambs, Jambs Applied, No Installation Clips

NOTE: SAME SIZE AND LIGHT PATTERN

EXISTING: STEEL CASEMENT WINDOW
PROPOSED: NARROW PROFILE (STEEL LOOK) ALUMINUM CLAD EXT / WOOD INT

Rough Opening Schedule



001 A

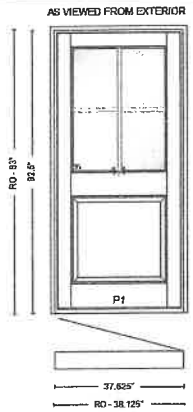
Quantity: 1

VistaLuxe Rectangle Casement

Rough Opening: 36 1/2" X 48 1/2"

Frame Size: 36" X 48"

Unit Dimension: 36" X 48"



002 DR #1

Quantity: 1

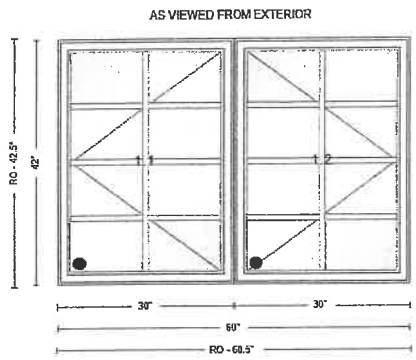
Heritage Rectangle Exterior Swinging Door

Rough Opening: 38 1/8" X 83"

Frame Size: 37 5/8" X 82 1/2"

Unit Dimension: 39 7/8" X 83 5/8"

Rough Opening Schedule



003 C

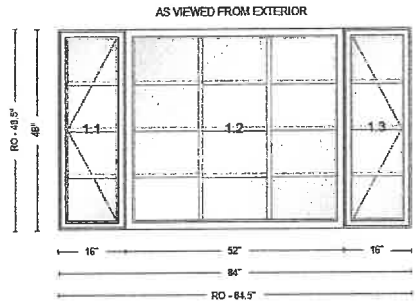
Quantity: 1

VistaLuxe Rectangle Casement

Rough Opening: 60 1/2" X 42 1/2"

Frame Size: 60" X 42"

Unit Dimension: 60" X 42"



004 D

Quantity: 1

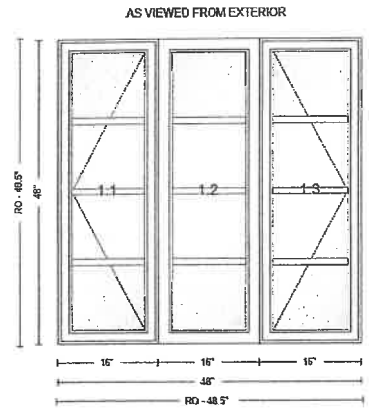
VistaLuxe Rectangle Casement

Rough Opening: 84 1/2" X 48 1/2"

Frame Size: 84" X 48"

Unit Dimension: 84" X 48"

Rough Opening Schedule



005 E

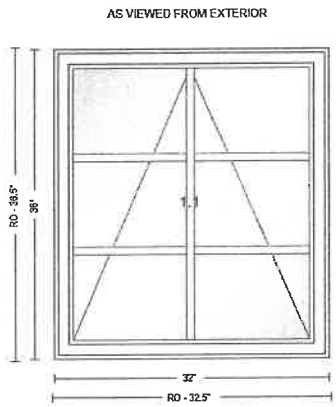
Quantity: 1

VistaLuxe Rectangle Casement

Rough Opening: 48 1/2" X 48 1/2"

Frame Size: 48" X 48"

Unit Dimension: 48" X 48"



006 F

Quantity: 1

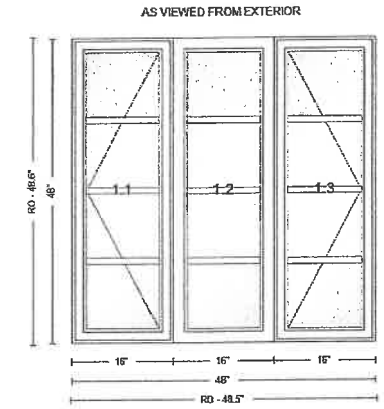
VistaLuxe Rectangle Awning

Rough Opening: 32 1/2" X 36 1/2"

Frame Size: 32" X 36"

Unit Dimension: 32" X 36"

Rough Opening Schedule



007 G

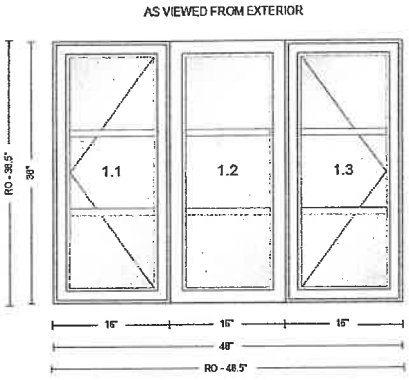
Quantity: 1

VistaLuxe Rectangle Casement

Rough Opening: 48 1/2" X 48 1/2"

Frame Size: 48" X 48"

Unit Dimension: 48" X 48"



008 H

Quantity: 1

VistaLuxe Rectangle Casement

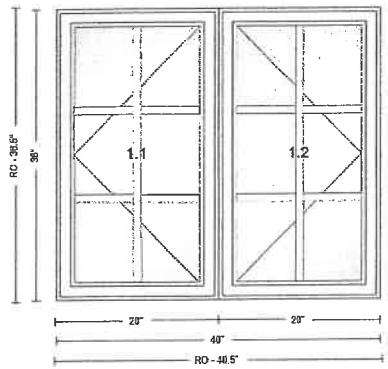
Rough Opening: 48 1/2" X 36 1/2"

Frame Size: 48" X 36"

Unit Dimension: 48" X 36"

Rough Opening Schedule

AS VIEWED FROM EXTERIOR



009 I

Quantity: 1

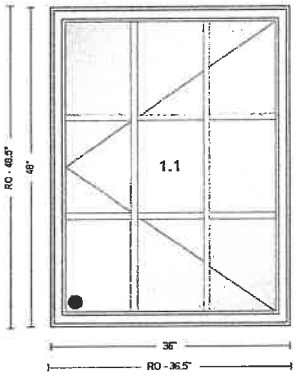
VistaLuxe Rectangle Casement

Rough Opening: 40 1/2" X 36 1/2"

Frame Size: 40" X 36"

Unit Dimension: 40" X 36"

AS VIEWED FROM EXTERIOR



010 DR#2-Window

Quantity: 1

VistaLuxe Rectangle Casement

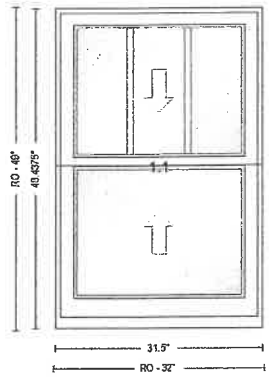
Rough Opening: 36 1/2" X 48 1/2"

Frame Size: 36" X 48"

Unit Dimension: 36" X 48"

Rough Opening Schedule

AS VIEWED FROM EXTERIOR



011 J

Quantity: 1

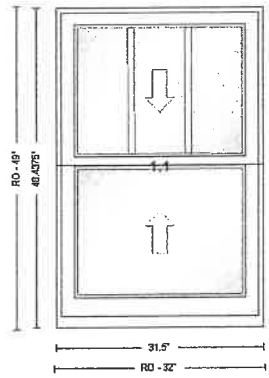
Ultra Rectangle Double Hung

Rough Opening: 32" X 49"

Frame Size: 31 1/2" X 48 7/16"

Unit Dimension: 31 1/2" X 48 7/16"

AS VIEWED FROM EXTERIOR



012 K

Quantity: 1

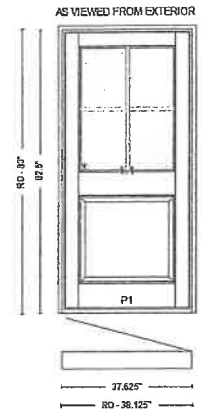
Ultra Rectangle Double Hung

Rough Opening: 32" X 49"

Frame Size: 31 1/2" X 48 7/16"

Unit Dimension: 31 1/2" X 48 7/16"

Rough Opening Schedule



013 DOOR #3

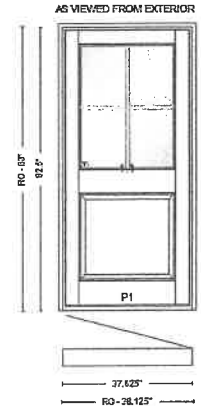
Quantity: 1

Heritage Rectangle Exterior Swinging Door

Rough Opening: 38 1/8" X 83"

Frame Size: 37 5/8" X 82 1/2"

Unit Dimension: 39 7/8" X 83 5/8"



014 DOOR #4

Quantity: 1

Heritage Rectangle Exterior Swinging Door

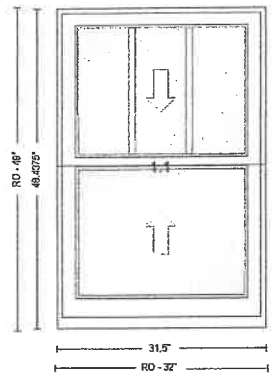
Rough Opening: 38 1/8" X 83"

Frame Size: 37 5/8" X 82 1/2"

Unit Dimension: 39 7/8" X 83 5/8"

Rough Opening Schedule

AS VIEWED FROM EXTERIOR



015 L

Quantity: 1

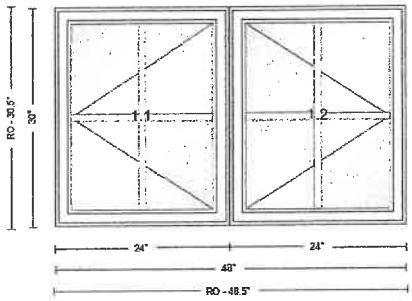
Ultra Rectangle Double Hung

Rough Opening: 32" X 49"

Frame Size: 31 1/2" X 48 7/16"

Unit Dimension: 31 1/2" X 48 7/16"

AS VIEWED FROM EXTERIOR



016 M

Quantity: 1

VistaLuxe Rectangle Casement

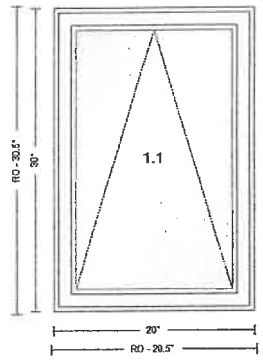
Rough Opening: 48 1/2" X 30 1/2"

Frame Size: 48" X 30"

Unit Dimension: 48" X 30"

Rough Opening Schedule

AS VIEWED FROM EXTERIOR



017 N

Quantity: 1

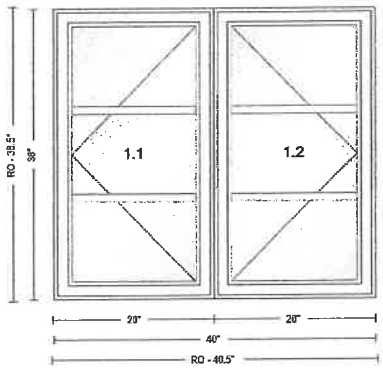
VistaLuxe Rectangle Awning

Rough Opening: 20 1/2" X 30 1/2"

Frame Size: 20" X 30"

Unit Dimension: 20" X 30"

AS VIEWED FROM EXTERIOR



018 O

Quantity: 1

VistaLuxe Rectangle Casement

Rough Opening: 40 1/2" X 36 1/2"

Frame Size: 40" X 36"

Unit Dimension: 40" X 36"

Notes / Totals / Signature

Quote Notes:

Allow 8-10 Weeks
Screens Boxed Seperately
FOB Jobsite
No Tax Figured

Total Quantity: 18 **Total Cubic Feet:** 153.84 **Total Perimeter Feet:** 3,252.38

Total Amount includes Kolbe and/or Non-Kolbe lines if applicable

Payment Term Notes:

50% Deposit Required

Signature: _____ **Date:** _____

Purchase Order: _____

Printed By: Ra Patterson
Created: 9/7/2026

For warranty information please click this link or visit https://www.kolbewindows.com/resources/warranties

KOLBE®

WINDOWS & DOORS

NEW CONSTRUCTION

FLASHING ROUGH OPENINGS for a Membrane/Drainage System

APPLICATION INSTRUCTIONS

READ AND COMPLETELY UNDERSTAND THESE INSTRUCTIONS BEFORE STARTING FLASHING APPLICATION

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KOLBE
WINDOWS & DOORS

FLASHING
ROUGH OPENING
APPLICATION INSTRUCTIONS

INTRODUCTION

ASTM E 2112-23 and AAMA Installation Masters Method A-1 (Side Jamb Flashing After Unit Installation) are illustrated in the following pages. Method A-1 describes applying the weather-resistant barrier paper before window or door installation and flashing. However, all other ASTM E 2112 and AAMA Installation Masters methods are also acceptable.

The primary purpose of flashing a rough opening is to ensure a proper seal between the weather-resistant surface of the window or door unit and the building envelope's primary water-shedding surface. The following instructions offer general guidelines, but it's important to consult local building codes for specific materials and application procedures.

Membrane Drainage System

- A "membrane/drainage" system utilizes a primary surface and a secondary path to channel water away.
- This installation includes a building envelope with exterior elements such as stucco, siding, veneers, panels, or shingles (e.g., wood, metal, tile), which serve as the primary water-resistant surface.
- Behind this first surface, the secondary or backup surface acts as a barrier to prevent air and water infiltration.
- This membrane drainage system category also includes building envelopes designed with a cavity between two walls, where the inner wall serves as the secondary barrier.
- When installing a unit into this system, it is essential to recognize that exterior siding alone does not fully protect a structure from moisture.

Membrane drainage systems require the use of strips of approved self-adhering exterior weather barrier flashing tape with a width of 9 inches (229mm).
Other widths, as small as 4 inches (102mm), are acceptable if the flashing tape is self-adhering.

TOOLS AND ITEMS REQUIRED BY OTHERS (INSTALLER)

- Safety glasses/goggles
- 4" or 9" Weather Barrier Self Adhering Flashing Tape
- Utility Knife
- Hammer
- Roofing Nails
- Sill Pan Material
- Silicone/caulking
- Caulking Gun
- Measuring Tape









⚠ CAUTION

Do not rely solely on the outer surface of a "membrane/drainage" system for sealing the connection between the window or door unit and the building envelope.

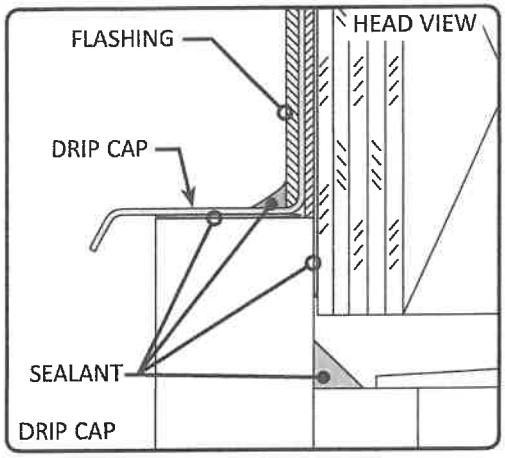
NOTE

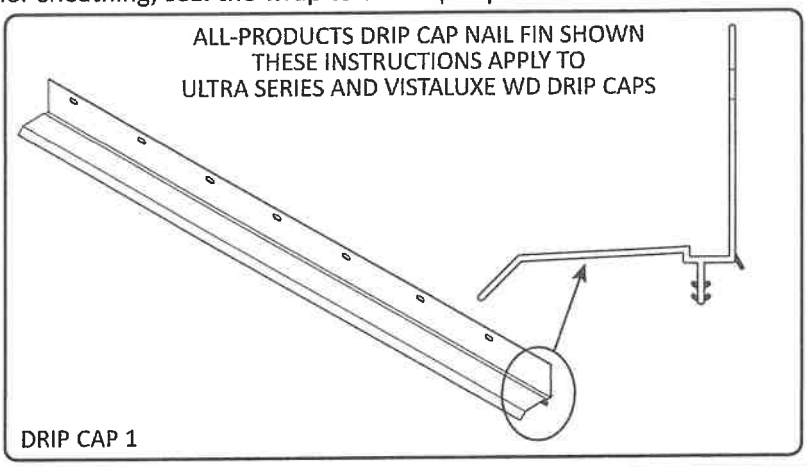
Flashing material must be made of barrier-coated reinforced material and provide a minimum of 24 hours of water penetration protection when tested according to ASTM D-779. Any sealant used with the flashing must be compatible; consult the sealant manufacturer for specific recommendations.

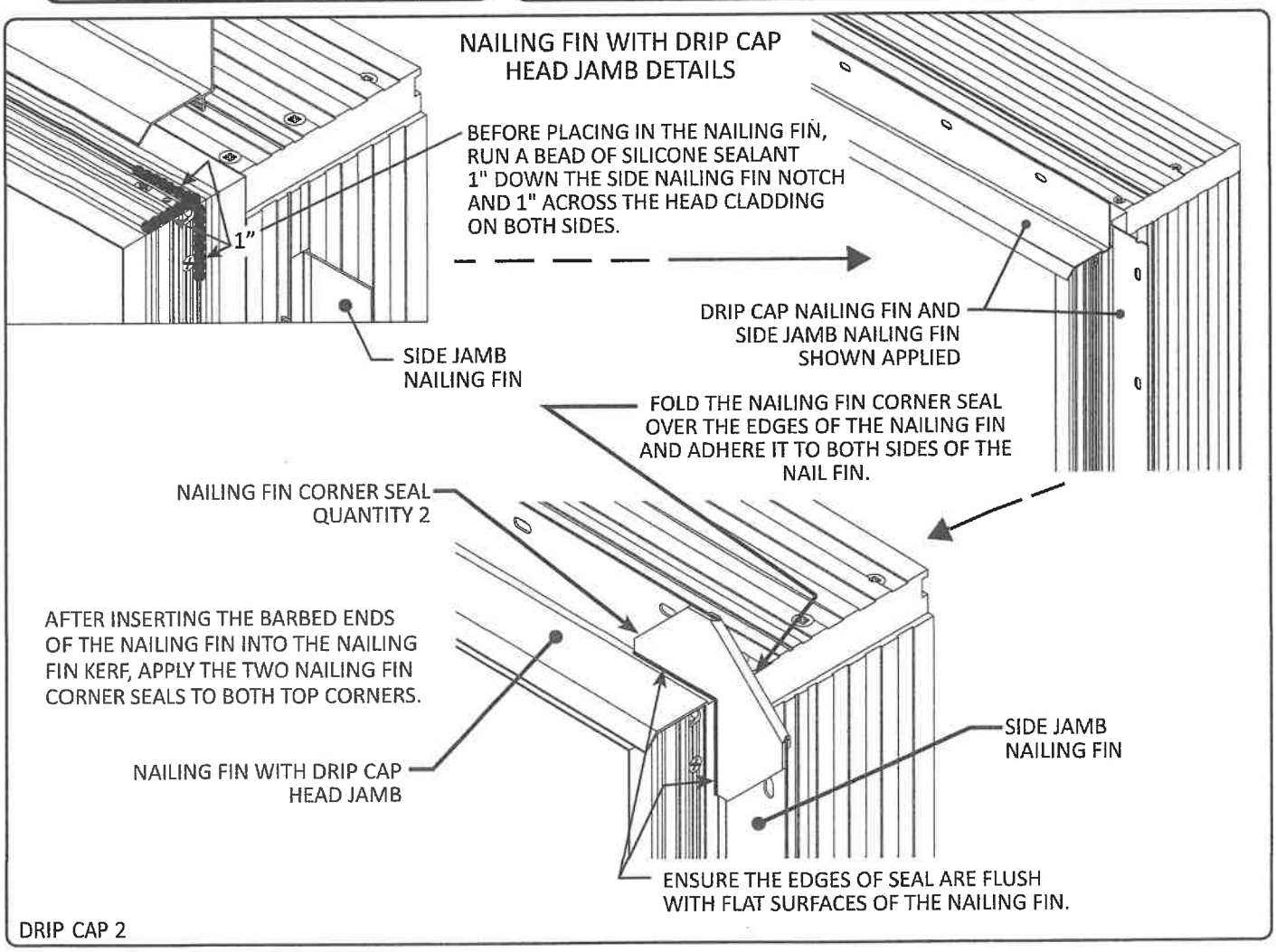
DRIP CAP APPLICATION FOR ULTRA SERIES AND VISTALUXE WD PRODUCTS

A drip cap must be installed/applied to direct water away from the window or door. ***(This is required by most building codes and a requirement of proper installation for all Kolbe products.)***

1. If a drip cap has not been applied, apply now, see detail DRIP CAP below.
2. Seal the ends of the drip cap to the window or door exterior head jamb, as shown in the DRIP CAP and DRIP CAP 2.
3. Seal between the drip cap and the exterior sheathing.
4. When using building wrap to cover the exterior sheathing, seal the wrap to the drip cap.

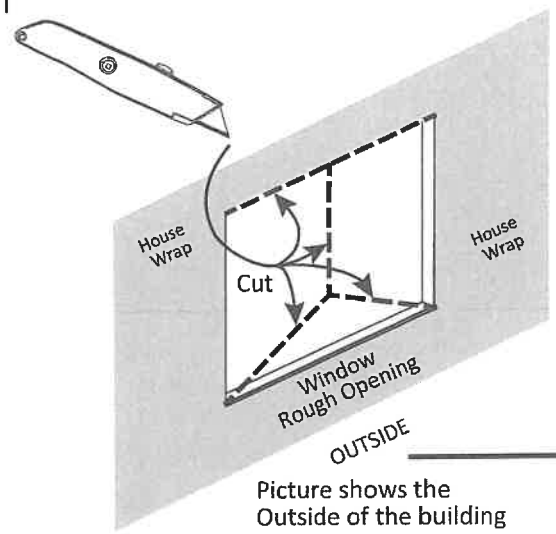






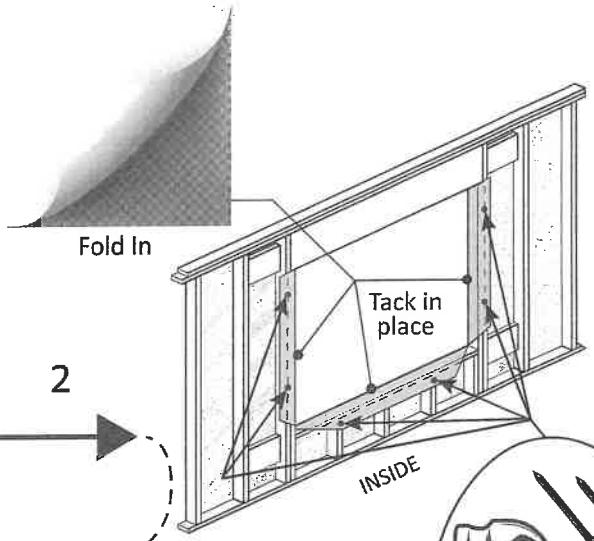
The following pages of instructions are for both windows and doors.

Start



Picture shows the Outside of the building

2

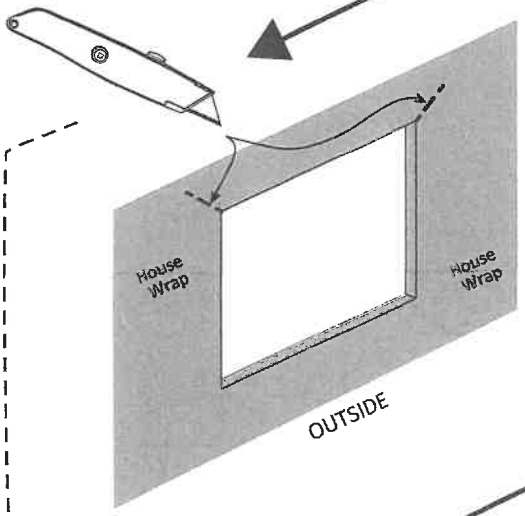


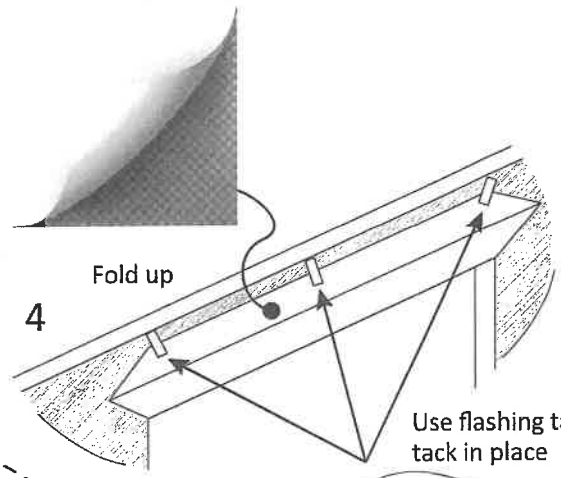
Picture shows the Inside of the building



3

Cut approximately 9" cuts
45 degree from each corner

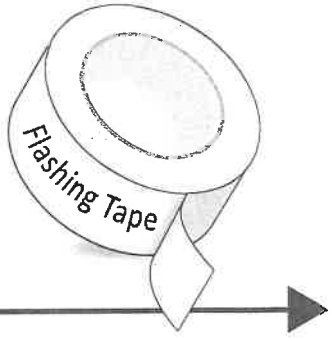




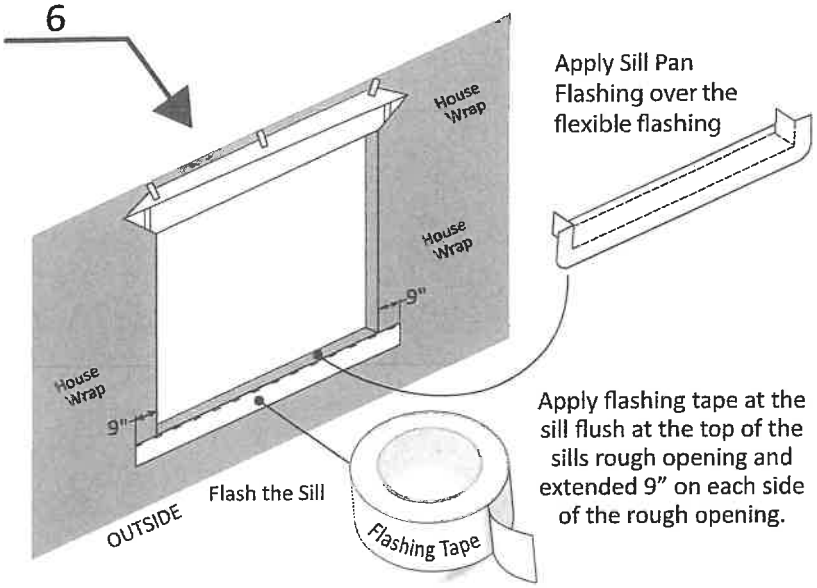
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Use flashing tape to tack in place

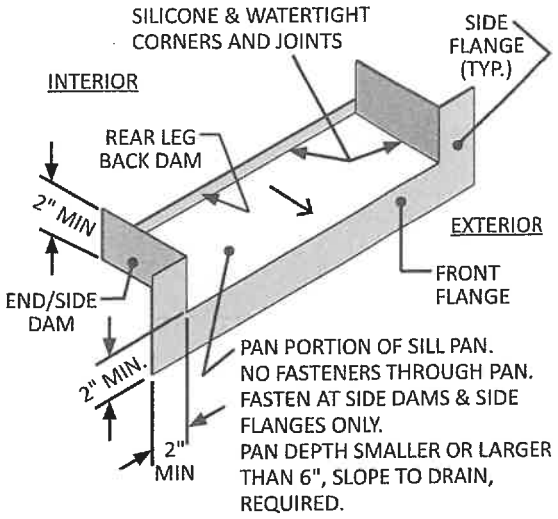
5



6



6A Typical Sill Pan Configuration



DOOR SILL SEALANT AND SILL PANS

Please Note: Seal and flash the head and jambs of the rough opening according to the previous instructions, EXCEPT for the sill.
Follow the instructions for the sill as described below.

Sill Pan Installation (If Applicable)

Notes: If the door doesn't have a sill, a sill pan is not required, however can be installed.

- Sill pans can be flexible self-adhering flashing with corner patches, single-piece, multi-piece, or one-piece rigid.
- When applicable, Kolbe recommends using a sill pan during door installation.
  Ensure compliance with ASTM E 2112-23 standards when creating and installing the sill pan.

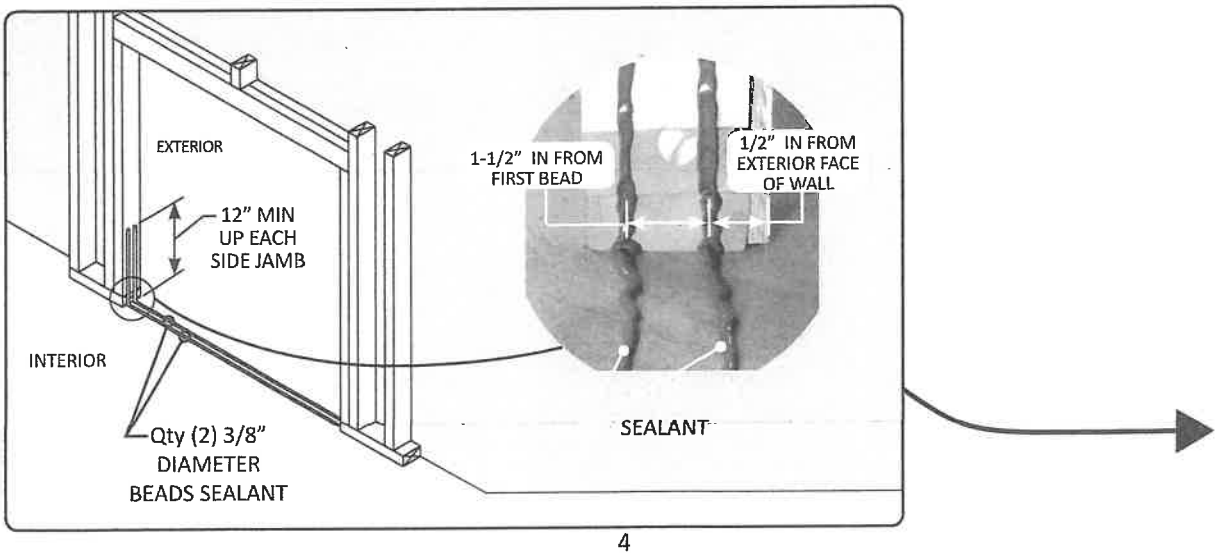
When a sill pan is used, the following requirements must be met, also see 6A above:

- The sill pan flashing must be properly integrated with the water-resistant barrier and other flashing materials.
- The sill pan flashing should not slope towards the interior.
- The height of the rear upturned leg (back dam) of the sill pan must be appropriate for the product being installed.

Apply sealant to rough opening sill when no sill pan is used (7):

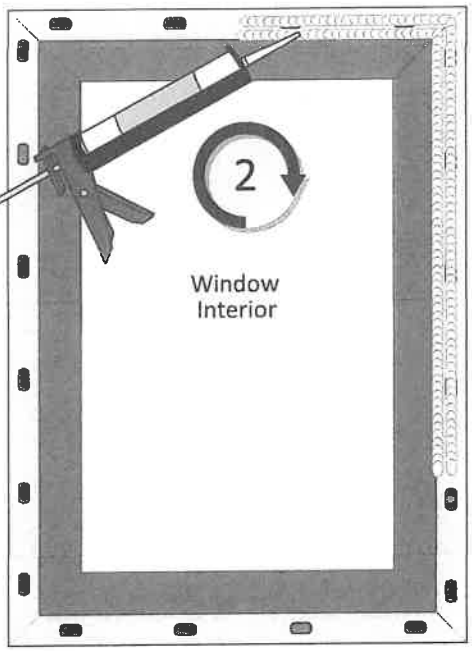
Run two 3/8" (10mm) diameter beads of sealant across the entire width of the subfloor and up each side jamb a minimum of 12" (305mm), allowing the sealant to pool in the corners. Run the first bead 1/2" (13mm) in from the exterior face of the wall, and run the second bead 1-1/2" (38mm) in from the first bead.

7

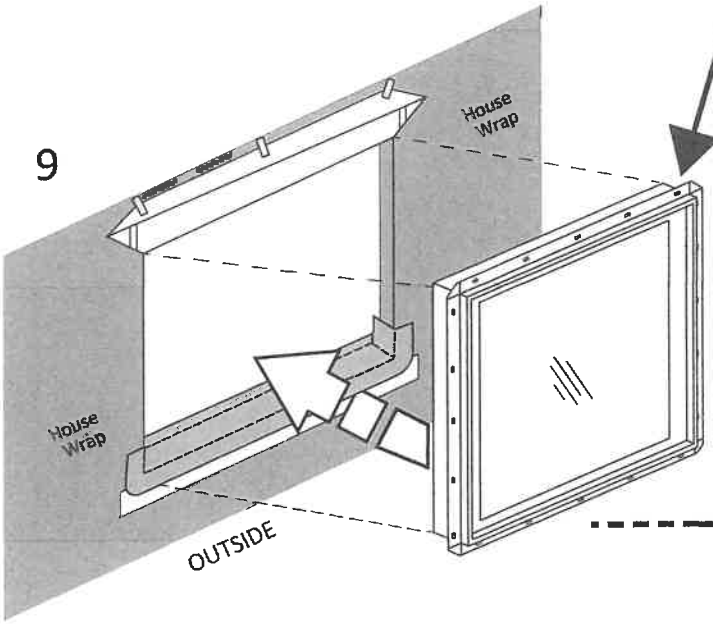


8

Apply 2 Rows of Sealant, all the way around the interior of the nail fin.



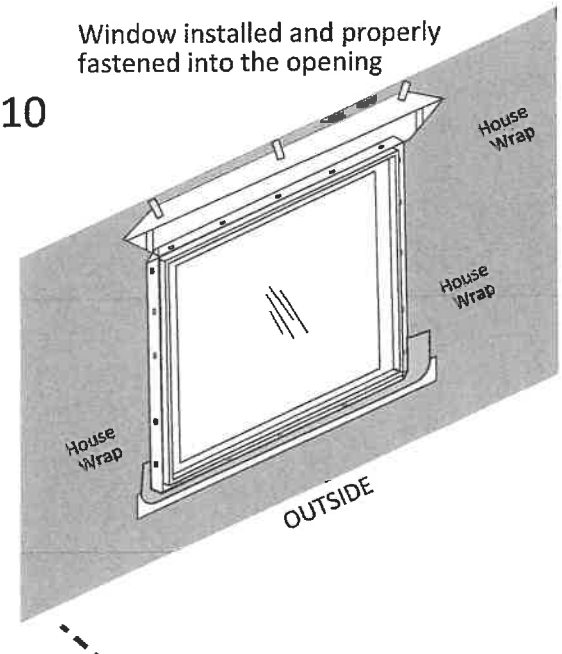
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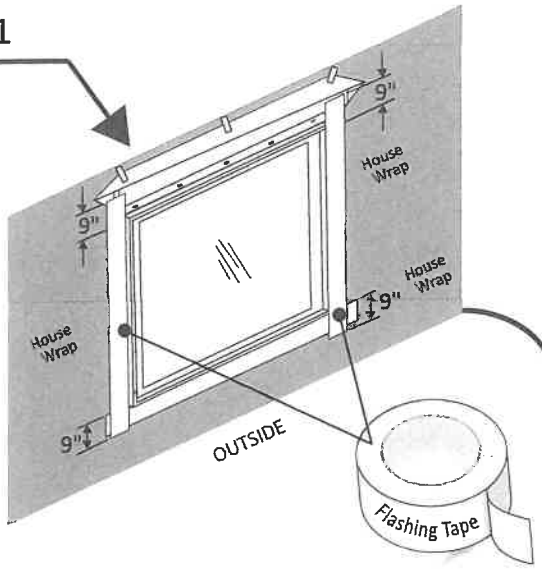
Install the window into the rough opening.
Follow Kolbe instructions to secure window into the opening.

10

Window installed and properly fastened into the opening

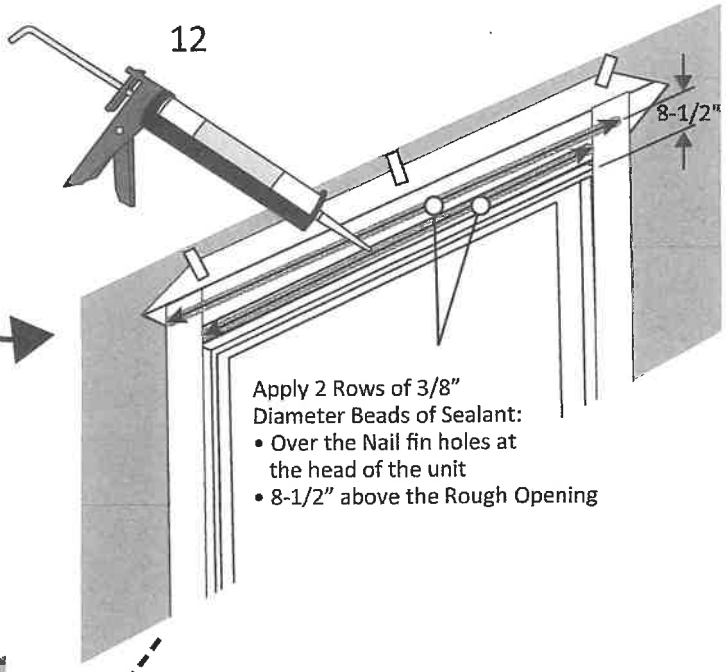


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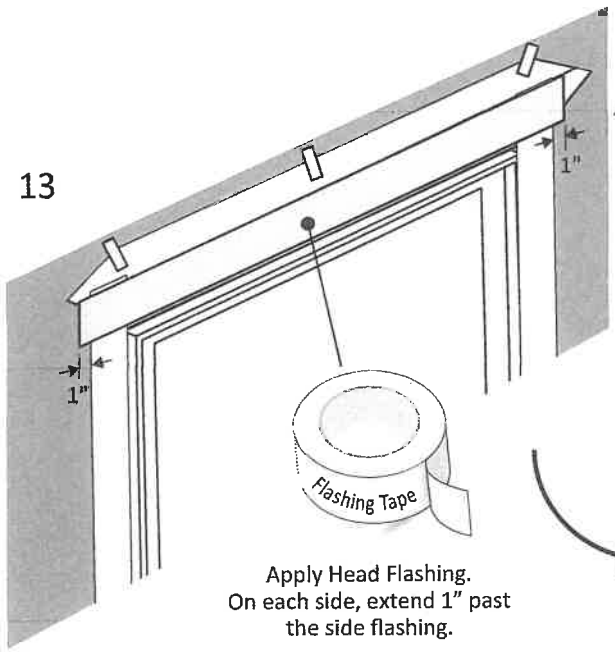
Apply self-adhering flashing tape at the jambs. 9" beyond the top and 9" beyond the bottom of the rough opening.

12



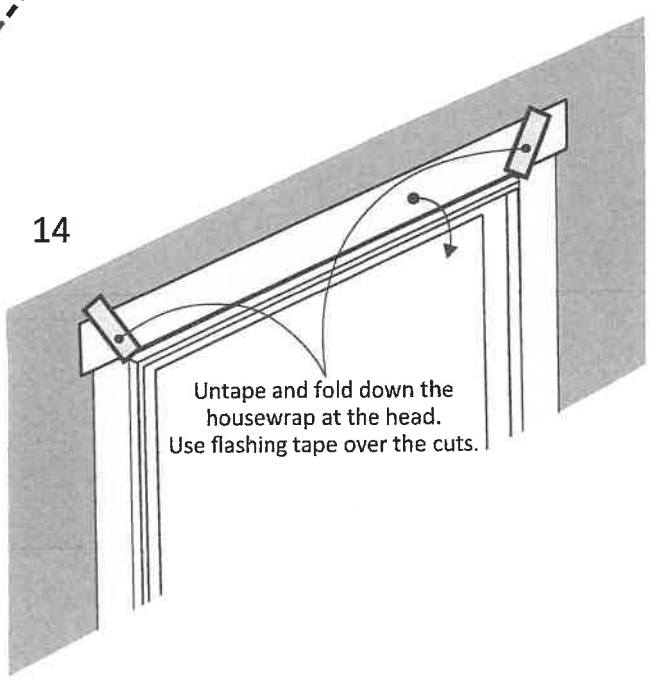
Apply 2 Rows of 3/8" Diameter Beads of Sealant:
- Over the Nail fin holes at the head of the unit
- 8-1/2" above the Rough Opening

13



Apply Head Flashing. On each side, extend 1" past the side flashing.

14



Untape and fold down the housewrap at the head. Use flashing tape over the cuts.

THANK YOU
FOR PURCHASING KOLBE PRODUCTS

Kolbe & Kolbe Millwork Co., Inc. reserves the right to change specifications without notice.

Contact your Kolbe window and door supplier or visit us at www.kolbewindows.com for further information.

2024 Kolbe & Kolbe Millwork Co., Inc.

User's Bulletin

DUPONT

Single-Family User's Bulletin for Installation of DuPont Building Envelope Solutions Products

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Field Installation Examples. 8

Introduction

Use of This Single-Family Residential User's Bulletin

This user bulletin is designed to serve as a resource for building professionals and installers using DuPont Building Envelope Solutions products in Single-Family Residential applications. **It does not override or change requirements in the Installation Guidelines or Warranties and should be used in conjunction with these documents. Always refer back to the applicable Installation Guidelines and Warranties, available at building.dupont.com, for complete information.**

This bulletin applies to single-family residential applications. See the *Multi-Family User's Bulletin for Installation of DuPont Building Envelope Solutions Products* for information on multi-family applications including townhomes, mixed-use apartment buildings, high rise apartment buildings, or other buildings for residential-use as defined by the International Building Code (IBC).

This document will help builders, installers, and other construction professionals understand appropriate product application, proper installation, and warranty requirements when using DuPont Building Envelope Solutions.

DuPont Residential Single-Family Definition

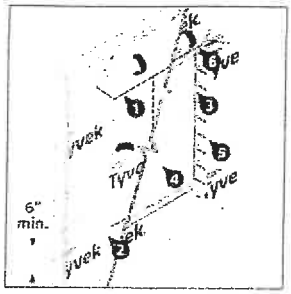
Single-family residential buildings are defined in the Warranty as fully-detached one or two family structures, as well as townhouse structures not more than three stories above grade plane as defined in the 2018 International Residential Code (IRC) section R101.2, both to the extent they are exclusively Residential-Use building structures. This distinction differs from multi-family applications which includes townhomes over three stories, mixed-use apartment buildings, high rise apartment buildings, or other buildings for residential-use as defined by the International Building Code (IBC).

Product installation for residential single-family homes is described in the *DuPont™ Tyvek® Water-Resistive and Air Barriers (WRB) and DuPont Self-Adhered Flashing Products Installation Guidelines – Windows and Doors Installed AFTER the Tyvek® WRB (for Single-Family Buildings)*

Single-Family Field Installation Examples: DuPont Self-Adhered Flashing Products (Installed AFTER DuPont™ Tyvek® WRB)

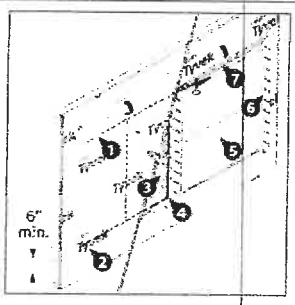
This document is designed to serve as a resource. The examples provided do not override or change any requirement in the currently published Installation Guidelines or Warranties. For complete details, always refer to the applicable Installation Guidelines and Warranties, available at www.dupont.com/building/how-to-install.html. Scan the QR code for quick and direct access.

Integral Flanged Window



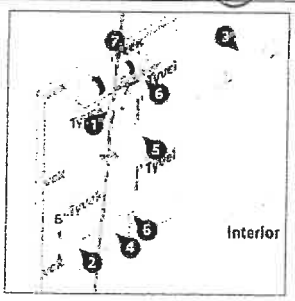
1. "I-Cut" in **Tyvek® WRB** at rough openings. 45° cuts at window head extending min. 8" from outer corners. Flaps at jambs folded into the opening and secured. Head flap flipped up and secured.
2. **DuPont™ FlexWrap™** installed at the sill and min. 6" up jambs.
3. Sealant applied to three sides of the window opening at jambs and head. **OPTIONAL**: Skip sealing at the sill for drainage.
4. Window installed per manufacturer's specifications.
5. **DuPont™ Flashing Tape** applied over flanges at jambs and head.
6. Head flap trimmed 1"– 2" and secured overhead flashing with **DuPont™ Tyvek® Tape** or **DuPont Self-Adhered Flashing Product**.
7. Full interior perimeter seal applied (not shown).

Integral Flanged Adjacent Windows



1. "I-Cut" in **Tyvek® WRB** at rough openings. 45° cuts at window head extending min. 8" from outer corners. Flaps at jambs folded into the opening and secured. Head flap flipped up and secured.
2. **FlexWrap™** installed at each sill extending min. 6" up jambs.
3. 9" **DuPont™ Flashing Tape** installed onto shared vertical framing; bottom edge aligned with sill, top edge aligned with head.
   NOTE: For option using **Tyvek® WRB** at shared framing – see full Single-Family Install Guides.
4. Sealant applied to three sides of the window opening at jambs and head. **OPTIONAL**: Skip sealing at the sill for drainage.
5. Window installed per manufacturer's specifications.
6. **DuPont™ Flashing Tape** applied over flanges at jambs and head.
7. Head flap trimmed 1"– 2" and secured over head flashing with **Tyvek® Tape** or **DuPont Self-Adhered Flashing Products**.
8. Full interior perimeter seal applied to both windows (not shown).

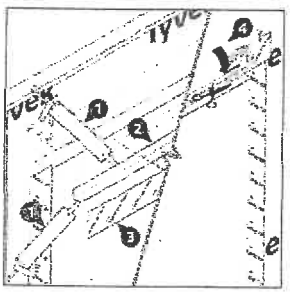
Non-Flanged Door using DuPont™ VersaFlange™



Method also applies to Non-flanged window, non-integral flanged window/door, and brick mold window/door.

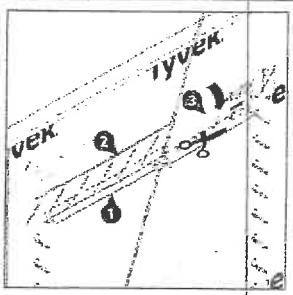
1. "I-Cut" in **Tyvek® WRB** at rough openings. 45° cuts at window head extending min. 8" from outer corners. Flaps at jambs folded into the opening and secured. Head flap flipped up and secured.
2. **FlexWrap™** installed at sill extending min. 6" up jambs. Integrated back dam as applicable.
3. **VersaFlange™** applied to door frame along jambs and head (head piece installed first). **FlexWrap™** pieces applied at corners.
4. **OPTIONAL**: For higher performance, high-pressure skirt installed to door frame prior to door installation.
5. Release paper removed from **VersaFlange™** and door installed per manufacturer's instructions.
6. **OPTIONAL**: Exposed butyl covered with **Tyvek® Tape** or **DuPont Self-Adhered Flashing Products**.
7. Head flap flipped down, trimmed 1"– 2", and sealed with **Tyvek® Tape** or **DuPont Self-Adhered Flashing Products**.
8. Full interior perimeter seal applied (not shown).

Drip Cap Installation for Windows and Doors



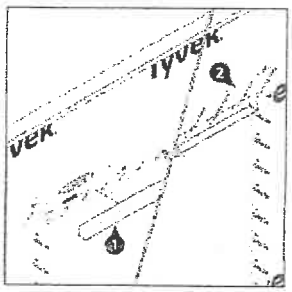
Option 1
Drip Cap Under Head Flap, Single Piece of Flashing — Requires Drip Cap Leg NOT Taller than Window Flange

1. Sealant applied to both sides of drip cap.
2. Drip cap installed tight against window head flange.
3. **DuPont™ Flashing Tape** installed over drip cap and head flange.
4. Head flap flipped down, trimmed 1" – 2", and sealed with **Tyvek® Tape** or **DuPont Self-Adhered Flashing Products**.



Option 2
Drip Cap Under Head Flap, Over Window Head Flashing

1. Drip cap installed tight against window head flange.
2. **DuPont™ Flashing Tape** installed over drip cap top edge.
3. Head flap flipped down, trimmed 1" – 2", and sealed with **Tyvek® Tape** or **DuPont Self-Adhered Flashing Products**.



Option 3
Drip Cap Over Head Flap

1. Drip cap installed tight against window head flange.
2. **DuPont™ Flashing Tape** installed over drip cap top edge.