Windows & Doors

Simulated Hung - Fixed Window with 2" horizontal ILT bar (int/ext)

Submittal Package

-Buell Building –

630 St Joseph St, Rapid City, SD
PART 1 GENERAL

1.1 SECTION INCLUDES

A. Aluminum-clad wood fixed-frame windows.

PART 2 PRODUCTS

2.1 MANUFACTURER

A. Pella Corporation, 102 Main Street, Pella, Iowa 50219. Toll Free (800) 54-PELLA. Phone (641) 621-1000. Website www.pella.com.

2.2 ALUMINUM-CLAD WOOD FIXED-FRAME WINDOWS


B. Frame:
   1. Select woods, water-repellent, preservative-treated with EnduraGuard® in accordance with WDMA I.S.-4. EnduraGuard includes water-repellency, three active fungicides and an insecticide applied to the frame.
   2. Interior Exposed Surfaces: [Clear Pine] with no visible fastener holes.
   4. Assembled with screws and concealed corner locks.
   5. Overall Frame Depth: 5 inches (127 mm).

2.3 GLAZING

A. Glazing:
   1. Float Glass: ASTM C 1036, Quality 1.
   2. Type: Urethane-glazed, dual-seal, [annealed] [tempered] insulating glass with [[multi-layer Low-E coated with argon] [bronze air-filled multi-layer, Low-E coated
   4. Type: Simulated-Divided-Light Glazing and Grilles:
      b. Insulating glass contains non-glare spacer between the panes of glass.
      d. Adhere bars to both sides of insulating glass with VHB acrylic adhesive tape.
      e. Finish: Finish color matches interior and exterior finish colors
2.7 FINISH

   1. Exterior aluminum surfaces shall be finished with the following multi-stage system:
      a. Clean and etch aluminum surface of oxides.
      b. Pre-treat with conversion coating.
      c. Top coat with baked-on polyester enamel.

2. Color: WHITE / TAN / BROWN / BLACK / BRICK RED / PUTTY / POPLAR WHITE /
   PORTOBELLO / HARTFORD GREEN / MORNING SKY GRAY TBD

3. Performance Requirements: Exterior aluminum finishes shall meet or exceed all performance
   requirements of AAMA 2603 and the following performance requirements of AAMA 2605:
   a. Dry Film Hardness: Eagle Turquoise Pencil, H minimum.
   b. Film Adhesion: 1 mm crosshatch, dry, wet, boiling water.
   d. Chemical Resistance: 10 percent Muriatic acid, 15 minutes. Mortar pat test, 24 hours.
   e. Detergent Resistance: 3 percent at 100 degrees F, 72 hours.
      exceeds 3,000 hours.

C. Interior Finish: [Unfinished, ready for site finishing] OR [Factory finished with 1 prime coat and 1 top coat
   of [White] [Linen White] [Bright White] TBD

END OF SECTION

2" horizontal Bar (Interior / Exterior application)
Clad-Wood Fixed Frame Direct Set Windows

Unit Sections - Interior Glazed Rectangular and Angled Shapes

Scale 3" = 1' 0"

All dimensions are approximate.

See www.PellaADM.com for mullion limitations and reinforcing requirements.

13/16" IG

Triple Pane 1 1/8" IG

CLAD PANEL

SILLS

HEADH

JAMBJ

HORIZONTAL JOINING MULLION
DIRECT SET / CASEMENT

HORIZONTAL JOINING MULLION
DIRECT SET / DOUBLE-HUNG

HORIZONTAL JOINING MULLION
DIRECT SET / SLIDING DOOR

HORIZONTAL JOINING MULLION
DIRECT SET / HINGED DOOR

Optional Fold-out Installation Fin

FRAME WIDTH

FRAME HEIGHT
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**building owner, architect, contractor, installer and/or consumer**

**Customer Approval Form:**

Signature: ___________________________ Date: ___________________________

**Quote Number:** 13776841
**Line Number:** 705
**Quote Qty:** 2
**Scaling:** 1/2" = 1'

**Description:** Pella® Reserve, Contemporary, Direct Set, Fixed Frame, 45 X 85, Tan
**Rough Opening:** 45.75" X 85.75"
**Performance Information:**
- U-Factor 0.30, SHGC 0.26, VLT 0.49, CPD PEL-N-18-03004-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11

**Viewed from the Exterior**

**Fixed - Non-Operable window with a 2" adhered bar horizontally to simulate the "hung window"**

**Bar is adhered to the exterior and interior to simulate a True Divided-Lite**

**Quote Name:** Buell Building - Fixed Units - PH/ Project Name:** Ron - Buell Building
**Jobsite Location:**
**Room Location:** 208
**Sales Branch Location:** 23300 Heartland Pella
Customer Approval Form:

Signature: __________________________ Date: __________________________

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* building owner, architect, contractor, installer and/or consumer

 Quote Number: 13776841  Line Number: 710  Quote Qty: 2  Scaling: 1/2" = 1'

Description: Pella® Reserve, Contemporary, Direct Set, Fixed Frame, 35 X 85, Tan

Rough Opening: 35.75" X 85.75"

Performance Information: U-Factor 0.30, SHGC 0.26, VLT 0.49, CPD PEL-N-18-03004-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11

Viewed from the Exterior

** Pella® Reserve, Contemporary, Direct Set, Fixed Frame, 35 X 85, Tan

Rough Opening: 35.75" X 85.75"

Performance Information: U-Factor 0.30, SHGC 0.26, VLT 0.49, CPD PEL-N-18-03004-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11

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Quote Name: Buell Building - Fixed Units - PH  Project Name: Ron - Buell Building

Jobsite Location: ,

Room Location: 206

Sales Branch Location: 23300  Heartland Pella

Printed On: 6/11/2021
Exterior Existing Decorative Wood Window Trim

New Exterior Wood Applied Stop - Painted to match

New Window Insert

Mounting Trim Screw

New Interior Wood Stop

Existing Original Window Frame

EXISTING WALL CONSTRUCTION W/ EXISTING WINDOW FRAME

Brick Masonry

Drywall Interior