HDC

ADMINISTRATIVE APPROVALS

February 13th, 2019

1. 12 Porter Street (faux chimneys) - Recommend Approval
2. 410-30 Islington Street (windows) - Recommend Approval
1. 12 Porter Street (faux chimneys) - Recommend Approval

**Background:** This project was reviewed at a work session on February 6\(^{th}\). At the meeting the HDC expressed no concern for the proposed removal of the faux chimneys due to the fact that they had very little visibility from the street.

**Staff Comments:** Recommend for approval given the limited visibility and poor quality of construction.
Request for a Work Session
Historic District Commission

Owner: Melville E. Blake
Address: 12 Porter Street, Portsmouth, NH 03801
Phone: 771-858-2356
Signature: [Signature]

Applicant: Ellen Bullard
Address: 11 Court Street, Exeter, NH 03833
Phone: 603-778-6300
Signature: [Signature]

Agent: Porter Street Town Houses

LOCATION OF STRUCTURE

Address: 12-32 Porter Street, Portsmouth, NH 03801
Map: 011 Lot: 46-57 Zoning District: Residential

Brief Description of Work:
- Remove existing chimneys down to existing roof
- Infill base of chimney with a 4 inch curb, insulate and apply rubber membrane
- Repair areas where chimneys attached to existing parapet wall and weather proof

All repairs from chimney removal will be done to match existing conditions

Sandy Dewing Owners Rep / Malthouse Construction
January 8, 2019

VIA HAND DELIVERY
Vince Lombardi, Chair
City of Portsmouth
Historic District Commission
1 Junkins Avenue
Portsmouth, NH 03801

Re: Request for a Work Session on Removal of Faux Chimneys

Dear Mr. Lombardi:

Enclosed herewith is the application requesting a work session along with a check in the amount of $200.00. Porter Street Townhouse Association is requesting the removal of six (6) faux chimneys that were part of the architectural design and installed on the roof of the Townhouse Association during its original construction in 2004.

Enclosed are some photographs of the chimneys. As you can see, the mortar has decomposed around the perimeter of the chimney cover, (A) and the grout/mortar has broken apart on the imitation brick, (B). In addition, the sealant on the clay encasements has broken down which is resulting in water seepage through the encasement and into the individual owner units. The Association has made several attempts to recaulk and reseal around the domes and the imitation brick, which has proven ineffective in stopping the leaks.

At time of the writing of this letter, five (5) of the eleven (11) condominium units have suffered major water damage to the interior of their homes due to leaks from entry points at the faux chimneys. The Association has reasonable concerns that there will be more units damaged if the chimneys are not removed.
The faux chimneys serve no useful purpose other than for aesthetics. They are not part of any ventilation system of the building and were added solely for cosmetic purposes. They are not visible at street level or any viewing level other than from a vantage point on the roof. See attached photographs.

The Board respectfully requests permission from the HDC for their removal, so they may start the permitting process for contracting the removal of these chimneys, which permitting process will be followed in accordance with the rules and regulations of the City of Portsmouth.

Thank you for your consideration in this matter.

Regards,

[Signature]

Ellen Bullard
Agent for Porter Street Townhouse Association
December 12, 2018

VIA REGULAR MAIL AND
FACSIMILE
Vince Lombardi, Chair
City of Portsmouth
Historic District Commission
1 Junkins Avenue
Portsmouth, NH 03801

Re: Request for Approval to Remove Faux Chimneys

Dear Mr. Lombardi:

I am writing on behalf of the Porter Street Townhouse Association to seek preliminary approval from the HDC to remove six (6) faux chimneys that were part of the architectural design and installed on the roof of our building during its original construction in 2004.

Enclosed is a photograph of one of the chimneys. As you can see from the photo, the caulking around the perimeter is decomposing. In addition, the sealant on the clay encasements has broken down which is resulting in water seepage through the encasement and into the units. We have made several attempts to re-caulk and reseal the faux domes, but it has proven ineffective in stopping the leaks. At time of the writing of this letter, five (5) of the eleven (11) condominium units have suffered major water damage to the interior of their homes due to leaks from entry points at the faux chimneys. The Association has reasonable concern that there will be more units damaged if the chimneys are not removed.

The faux chimneys serve no useful purpose other than for aesthetics — they are not part of any ventilation system of our building and were added solely for cosmetic purposes only. These chimneys are not visible at street level or any viewing level other than from a vantage point on the roof.

We respectfully request permission from the HDC for their removal so we may start the permitting process for contracting the removal of these chimneys, which permitting process will be followed in accordance with the rules and regulations of the City of Portsmouth. Thank you for your consideration.

Sincerely,

Lisa M. Ade
#32 Porter Street
Portsmouth, NH 03801
(603) 559-2156 Telephone
Lisa.Ade@pfsi.com

CC: Doug Roberts, City Council Member
PORTER STREET TOWNHOUSES
CHECK NO: 0000011320  CITY OF PORTSMOUTH (HISDIS)
InvoiceDate  InvoiceNumber  Description  Expense Code  Discount  Amount Paid
01/04/2019  APPL-PORTER  WORK SESSION APPLICATION  5198  $0.00  $200.00


PORTER STREET TOWNHOUSES
c/o CPM Management, Inc
11 Court Street, Suite 100
Exeter, NH 03833

Ocean National Bank
52-143/112

NO: 0000011320

PAY TWO HUNDRED AND XX / 100 DOLLARS

DATE  AMOUNT
01/04/2019  **************** $200.00

TO THE ORDER OF
CITY OF PORTSMOUTH
HISTORICAL DISTRICT COMMISSION
1 JUNKINS AVE
PORTSMOUTH, NH 03801

AUTHORIZED SIGNATURE

0000011320  01/04/2019  01/04/2014  01/05/0082
CHIMNEYS NOT VISIBLE
2. **410-30 Islington Street (windows) - Recommend Approval**

**Background:** This project was originally approved on November 1st, 2017. The project is currently under construction. The applicant is requesting approval to change the approved window from a Marvin Aluminum clad to a Marvin Ultrex Clad. The exterior profile would remain the same.

**Staff Comments:** The details on the windows should be confirmed by the applicant as Marvin has black, bronze or white jamb liners. I would also suggest we confirm the proposed windows on the historic structures be restored or replaced with wood windows.
Application for Approval - Administrative

Historic District Commission

Owner: Islington Commons LLC
Aplicant (if different): Market Square Architects

Address: 410-430 Islington St
(Street)
Portsmouth, NH 03801
(City, State, Zip)

Phone:

Signature: Amber Howard

Location of Structure: Map 145 Lot 34-36
Street Address: 410-430 Islington St

Building Permit #: 

To permit the following: A window material substitution.

Action Taken by H.D.C. at Public Meeting

Date of Approval:
Recommendation:
Stipulations:

Signature of Principal Planner:

Administrative Use Only:
Date of Meeting: 2-13-19
Payment: 100 -
Payment Type: Cash 1680
Index/Permit #: 

If approved, please acknowledge below:
I hereby acknowledge that all changes or variation in the design as presented shall require further Historic District Commission approval.

Owner

Revised: 11 April 17
ISLINGTON COMMONS
HISTORIC DISTRICT COMMISSION, FEBRUARY 2019

GENERAL PROJECT DESCRIPTION:
This project consists of three parcels located at 410, 420, and 430 Islington Street. The lots currently contain a total of 7 existing dwelling units. The lot lines shall be adjusted to accommodate the renovation of each existing building such that the number of existing units will be reduced to four (4) and seven (7) new dwelling units will be added. The result will be a total of 11 dwelling units on the site. The existing buildings will be modified as such:

* 420 Islington - removal of deteriorated chimney and replace with new faux chimney.

ZONING SUMMARY:
ZONING DISTRICT: CD4-L2
LOT SIZE: 40,075 SF
REQUIRED LOT AREA PER DWELLING UNIT: 3,000 SF
BUILDING HEIGHT: 35'-0" MAX
GROUND FLOOR ABOVE SIDEWALK: 8'-0" MAX
MIN GROUND STORY HEIGHT: 11'-0"

SUMMARY OF CHANGES:
The intent of this submission is to request an alternative window material of Marvin Ultrex clad rather than the Marvin aluminum clad that was previously approved. It is our intent that all windows on the existing 5 buildings that have been approved as wood will remain wood and only the windows approved as Marvin aluminum clad would become Marvin Ultrex clad. It is our intent that the window manufacturer would not change, nor would the exterior profiles, from what is currently approved.
Clad Ultimate Double Hung - Next Generation 2.0

Unit Features

Frame:
- Frame thickness:
  - 1 1/2" (38) thick at head and jamb
  - 1 1/32" (9) thick at sill
- Frame Width: 4 1/8" (109)

Sash:
- Operating / Stationary Sash (Single Hung, Double Hung, Transom):
  - Sash Thickness: 1 3/4" (44), corner slot and tenoned
  - Top rail height: 2 13/32" (91)
  - Bottom rail height: 2 13/32" (91)
- Stationary Picture Sash:
  - Sash Width: 1 3/4" (44), corner slot and tenoned
  - Top rail height: 2 13/32" (91)
  - Bottom rail height: 2 13/32" (91)

Glass and Glazing:
- Glazing method: Insulating
- Glazing seal: Silicone glassed
- Standard glass is 7/8" (22) insulating Low E2 Argon or air
- Optional glass types: Low E2 Argon or air, Low E1 Argon or air, Low E1/2 Argon or air, Low E2/3 Argon or air, Low E3 Argon or air, Low E4 Argon or air, Low E5 Argon or air, Low E6 Argon or air, Low E7 Argon or air, Low E8 Argon or air, Low E9 Argon or air, Low E10 Argon or air, Low E11 Argon or air, Low E12 Argon or air, Low E13 Argon or air, Low E14 Argon or air, Low E15 Argon or air
- Glazing will be adjusted for higher elevations, Argon, Argon-Krypton, and Krypton gas not included

Insect Screens:
- Standard screen frame is roll formed aluminum
- Aluminum screen: Full screen standard, half screen optional
- Aluminum surround to match exterior frame finish color
- Units with a glass height of 20" (50) or greater will have a center cross bar

Weather Stripping:
- Operating units:
  - Jamb: Foam filled bulb
  - Color: beige, black, and white
  - Head: Jamb Continuation dual leaf
  - Color: beige, black, and white
  - Clock rail: Hollow bulb
  - Color: beige, black, and white
  - Bottom rail: Hollow bulb
  - Color: black

Picture units:
- Jamb: Foam
- Header and bottom rail: Hollow bulb

Hardware:
- Locking system that provides locking, unlocking, belaying, and tilting of the sash members. Lock automatically locks when both sash are closed.
- Lock Actuator Assembly:
  - Material
  - Zoro die cast
  - Standard finish: Satin Tarnish
  - Optional finishes: White, Bronze, Matte Black, Brass, Antigue Brass, Polished Chrome, Satin Chrome, Oil Rubbed Bronze, or Black Nickel
  - Design features or components:
    - To unlock the unit, turn the handle 135°
    - To lock the unit, both sash must be moved to the closed position
    - To fill the bottom sash for wash-mode, the bottom sash must be open; push the button on top of lock handle and rotate the handle 180°
    - To fill the top sash for wash-mode, the bottom sash must be filled and/or removed from frame; lower the top sash to a good working height, release the lock latch on the top rail and lift sash out of the frame
  - Options:
    - Non-slip hardware is standard on units with performance brackets
    - Channel hardware options: satin tannic, white, bronze
    - Latches
      - Bottom sash latch, top sash lift latch
      - Latches accommodate locking/un-locking, travel of sash in frame, and lifting into wash-mode
  - Inset Brackets:
    - Standard standard frame is roll formed aluminum
    - Aluminum screen: Full screen standard, half screen optional
    - Aluminum surround to match exterior frame finish color
    - Units with a glass height of 20" (50) or greater will have a center cross bar

Sizes & Prices

306 W Series Lag Pinties

803 Series Salem

409 Series Brandywine Hinge

Beech River Mill
Custom shutters & doors since 1851
Wood-Ultrax Casement / Awning

Unit Features

Integrity Wood-Ultrax Casement: ICA
Integrity Wood-Ultrax Casement: IAW
Integrity Wood-Ultrax Casement Transom: ICAP
Integrity Wood-Ultrax Casement Transom: ICATR

Frame and Sash:
- The frame and sash exteriors are made of Ultrax® meets all the requirements of AAMA 634-10.
- Exterior colors: Stone White, Pebble Gray, an advanced fiber reinforced material that is resistant to thermal conduction. Ultrax® patented coating system. Bronze, Evergreen, Cashmere, or Ebony.
- The interior is non-finger-joined pine, laminated to a moisture content of 6-12% at time of fabrication. Water-repellent, preservative treated in accordance with WDAA I.S.4.
- Interior wood is available as Pine bare wood or factory applied white, clear, or designer black interior finishes.

Frame:
- Composite frame thickness is 1 5/16" (23). Frame width is 4 9/16" (119). 4/4 non-finger-joined pine interior stop is applied to all units. Unit frame is .068" (3) thick.
- Bass: Composite sash thickness is 1 9/16" (23) with standard glass. Tripine sash are 1 31/32" (50) thick. Bass is .070" (2) thick.

Jamb Extension:
- 6 9/16" (170) and 6 12/16" (173), jamb extension available factory applied or in line lengths for field application.

Casement Hardware:
- Dual arm roto hardware factory installed on casement units.
- Roto gear hardware is an E-coated, high-strength, low alloy steel.
- Cad number 17 and 21 width sizes up to RO 28" (711) require stayed spacers.
- The hinge track is stainless steel.
- Hinge arm is E-coated high strength, low alloy steel.
- Hinge shoe is injection molded with a stainless steel insert.
- Egress hinge is required on units with an R.O. from 27.125" to 29.954" installing CN 26 to meet egress code. This hinge does not allow for opening of the exterior sash from the inside.

Fixing handle with removable snap fit covers are available in Almond Frost or White color finish.
- Optional Brass, Satin Nickel, Oil Rubbed Bronze, and Matte Black hardware available.
- Beveled edges are used on all widths, with removable escutcheons and handles.
- Optional coastal hardware is available.
- Optional factory applied window opening control device is available

Awning Hardware:
- Standard arm roto hardware factory installed on all awning units.
- Roto hardware is an E-coated high strength, low alloy steel.
- The hinge track is stainless steel.
- Hinge arm is E-coated high strength, low alloy steel.
- Hinge shoe is injection molded with a stainless steel insert.

Fixing handle with removable snap fit covers are available in Almond Frost, White, or Matte Black color finish.
- Optional Brass, Satin Nickel, and Oil Rubbed Bronze hardware available.
- A single pivot lock on each jambstile, with a removable escutcheon and handle.
- Optional coastal hardware is available.
- Optional factory installed or field applied stainless steel sash limiter is available.

Wood-Ultrax Casement / Awning

Unit Features Continued

Glazing:
- Dull-tinted units are manufactured with a 11/16" (17) G with Low E1, E2, E3, or ESERS or no coating including argon gas or air fill.
- Tinted units are manufactured with a 1 1/8" (29) IG with a combination coating consisting of Low E2 on surface 2 and Low E1 on surface 5 including argon gas fill.
- Tempered glass and/or obscure glass, and California Fire glass (annealed exterior and tempered interior glazing configuration) are available as an option.
- All glass is of a select quality complying with ASTM C 1038.
- Insulating glass is manufactured and tested to pass level ASTM E 2100 and is IGCC certified.
- The glazing seal is a silicone bedding on both interior and exterior surfaces utilized in a sandwich style seal.
- STC/OITC values are available for 3.1 mm thickness glass.
- Optional 3.14/3 IGU STC/OITC Upgrade glass is available, STC and OITC ratings are tested in accordance with ASTM E 90-08.

See the Product Performance chart for values.
- Decorative glass options include glue chip, rain, reed, narrow reed, frost, and tinted (bronze, gray or green), Decorative glass is not available with Low E, Low ESERS, tripine, or STC/OITC Upgrade options.

Screen:
- Roll formed aluminum frame with corner key construction.
- Available in Almond Frost or White.
- Optional window screen available.
- Charcoal color fiberglass (non-corrosive) screen cloth.
- Spring loaded pin for installation.

Removable Interior Grilles:
- Bar: Pine wood, 3/8" (10)
- Pattern: Standard rectangular pattern.
- Available in Pine bare wood or factory applied white, clear, or designer black interior finishes.

Interior / Exterior Simulated Divided Lites (SDL):
- Interior bar: 7/16" (22) wide bar
- Pine bare wood or factory applied white finish, to match interior.
- Interior bar: 7/16" (22) wide bar Ultrax finish to match exterior.
- Patterns available: rectangle, 3 or 6 Arts & Crafts/Prairie cut or Cottage style cut
- Simulated chill cut option: 2 1/16" (65)
- Pattern available: simulated not in standard center or customer specified location with 7/16" (22) pattern above, below or both in pattern.
- SLG is unavailable with rain, reed and narrow reed decorative glass options. Glue Chip requires tempered glass. Tinted glass not available with spacer bar.

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306 V Series Leg Pilasters
030 Series Glass
409 Series Brandywine Hinge

Beech River Mill
Custom shutters & doors since 1851
Clad Ultimate Casement Collection

Unit Features

- Optional colors: Bronze, White, Brass, Antique Brass, Satin Chrome, Satin Nickel, and Oil Rubbed Bronze.
- Balance System: Optimal balance system, designed to balance each sash from 10 lbs. to 150 lbs.
- Pivot pins two per sash made of stainless steel are used. Clothes two per sash designed to receive the pivot pins and are designed to support each weight up to 150 lbs.
- Tilting latch provided for easy tilting of the top sash inward, located at check rail.
- Optional flush lift: same color as offered in locks.
- Optional window opening control device field applied.

Optional Glass:
- Low-E (2) glazing, CUDHMP - 1" (25) glazing only
- Optional Triple pane: Low-E/Argon or Krypton-Argon, Low E/3 Argon or Krypton-Argon, Low E/3 Argon or Krypton

Glass options available in 3, 4, and 6 mm thicknesses
- Glazing will be altitude adjusted for height elevations, Argon, Argon-Krypton, and Krypton gas not included

CE Mulling Options:
- Mulled assemblies up to 116 7/8" x 10 3/4" (292) as 1H x multi-wide
- Mulled assemblies with 1 1/2" (51) L/L or 3/8" (16) aluminium multi reinfoscent up to 124 7/8" (317) x 10 3/4" (292) as a multi-wide or multi-high assembly

gr88 Performance Upgrades:
- Frame
- IZ8 Frame
- Lift bar/lock (2) added for bottom sash retention
- Jamb screw installation used in combination with aluminum nailing fin
- Gasket
- Interlocking shoot nails
- Oversized tilt wale
- Glazing
- Tempered glass

30° Laguna Premier Window
Box w/ "Easy Up" Cleat Mounting System
Wood-Ultrax Double Hung

Unit Features

Integrity Wood-Ultrax Double Hung: ITDH
Integrity Wood-Ultrax Double Hung Picture: ITDHP
Integrity Wood-Ultrax Double Hung Transom: ITDHT

Frame and Sash:
- The frame and sash exteriors are made of Ultrax® insert and meets all the requirements of AAMA 624-10.
- Exterior colors: Stone White, Pebble Gray, Bronze, Evergreen, Cashmere, or Ebony.
- The interior is non-finger-jointed pine, kiln dried to a moisture content of 6-12% at time of fabrication. Water-repellent, preservative treated in accordance with WDMA 6.8.4.
- Interior wood is available as Pine bare wood or factory-applied white, clear, and designer black interior finish.

Frames:
- Composite frame thickness is 1 1/16", (40). Frame width is 4 9/16", (115). Flat bottom sill with 13-degree bevel. Non-finger-jointed pine interior frame liner is applied to all units. Ultrax is 0.75" (2) thick.
- Sash:
  - Composite sash thickness is 1 7/64" (30). Ultrax is 0.70" (2) thick.

Jamb Extension:
- Optional 1 9/16" (16) and 2 13/16" (73) jamb extension available factory applied or in lined lengths for field application. ADD 1/4" (6) to width and 1/8" (3) to height of frame, rough, and masonry opening sizes.

Hardwood:
- The balance system is a coil spring block and tackle system, with nylon cord and zinc locking shoe.
- Both sash lift into the room for cleaning or removal for painting without removing the screen.
- High-pressure zinc die cast check rail lock and keeper.
- Lock employs a cam-lock mechanism.
- Color: Colonial White, Matte Black, Optional Bright Brass, Oil Rubbed Bronze, and Satin Nickel.
- Each sash employs spring loaded lift tackles to allow for easy lifting or sash.
- On Impact units CSS2 widths and wider, two locks are mounted.
- Optional factory applied Window Opening Control Device is available on all sizes. A system consisting of an escutcheon lever housed in an escutcheon hole on each sash of the top sash. This device works in accordance to ASTM F2000-10 standard specification for window fall prevention devices with emergency escape.
- Color: White, Beige, and Black.

Installation:
- Factory applied folding railing fin and drip cap system.
- Optional installation brackets for masonry availability.
- Optional through jamb installation method with brackets.
- Factory supplied field mullion sets are available for standard assemblies, or 30" and 45" Bay assemblies.
- Recommended method for impact glazed units is installation clips and nailing fin.

Glazing:
- Dual-pane units are manufactured with an 1/8" (17) IG with Low E1, E2, or EMERS coatings including argon gas or air fill.
- Clear (uncoated) glass available with air fill only.
- Triple pane not available.
- Tempered glass and/or obscure glass, and California Fire glass (annealed exterior and tempered interior glazing configuration) are available as an option.
- All glass is of a select quality complying with ASTM C 1068.
- Insulating glass is manufactured and tested to meet level ASTM E 2180 and is IGCC certified.
- The glazing seal is a silicone bedding on both interior and exterior surface utilized in a sandwich style sash.
- STO/OTC values are available for standard 3.105 T glass.
- Optional 3.14T STO/OTC Upgrade glass is available. STC and OTC readings are tested in accordance with ASTM E 96-09.
- See the Product Performance chapter for values.
- Decorative glass options include glue chip, rain, rain, narrow reed, frost, and tinted (bronze, gray, or green). Decorative glass is not available with Low E1, Low E3/SR or STO/OTC Upgrade options.

Weather Strips:
- All units are dual weather stripped.
- Frame and sash are weather stripped on all four sides with an extruded PVC bulb.
- Foam filled bulb is only on the frame, the sash has a hollow bulb.
- All weather strip is beige, black, or white in color.
- Robust fabric covered foam weather strip is used to seal the double hung jams.
- Jamb center contains a secondary flexible hollow bulb.
- Blind stop seal between the header and uper sash.
- Check rail weather strip is a hollow bulb weather strip attached to bottom of sash, interfaces between sill and jamb weather strip.
- Flat frame gasket is used between the jamb and sill.

Screen:
- Full screen is standard. Half-screen option is available.
- Roll formed aluminum frame with sturdy key connections.
- Color to match exterior frame color.
- Clear color (tintless - non-remote) screen cloth.
- Spring loaded pins for installation.
- A screen bar will be added when Frame Oml (height) is equal to or greater than 47 1/2" (1200).

Interior Jamb Cap:
- Units with Designer Black or White interior finishes are assembled with Interior Jamb Caps and use Jamb Liners with krafts on the jams and head jamb.
- Interior Jamb Caps are color matched to the interior finish.

Removable Interior Grilles:
- Bar: Pine wood, 3/4" (19)
- Available in Pine non-finger-jointed wood or factory-applied white, clear, or designer black interior finish.
- Pattern: Standard rectangular pattern

Interior / Exterior Simulated Divided Lite (SDL):
- Interior bar: 7/8" (22) wide bars
- Pine bare wood with optional white, clear, or designer black interior finish
- Exterior bar: 7/8" (22) wide bars Ultrax, finish to match exterior
- Patterns available: Rectangle, Cottage style cut, 6 lite Prairie cut or 6 lite Prairie for top sash, bottom sash, or both.
- ITDHP Only: Simulated checks option: 2 1 1/8" (29). Pattern available: simulated rail to standard center or customer specified location with 7/8" (22) patterns above, below or both.
- SDL is available with rain, reed, and narrow reed decorative glass patterns. Glue chip pattern requires tempered glass. Available for tinted glass without sabor bar only.

30° Laguna Premier Window
Box w/ "Easy Up" Cleat Mounting System
Clad Swinging Door Collection

Unit Features

Swinging Door Collection consists of:
- CU1FD: Clad Ultimate Inswing French Door and StormPlus I23
- CUIOFD: Clad Ultimate Outswing French Door and StormPlus I23/24A
- CUIAP: Clad Ultimate Inswing Arch Top French Door and StormPlus I23
- CUIAP: Clad Ultimate Inswing Arch Top French Door and StormPlus I23
- CUIAP: Clad Ultimate Outswing Arch Top French Door and StormPlus I23/24A
- CMIAP: Clad 2 1/4" Outswing French Door and StormPlus I23
- CMIAF: Clad 2 1/4" Outswing French Door and StormPlus I23/24A

NOTE: Impact units not available with CE mark.

Frame:
- Frame thickness: 3 1/4" (27)
- Frame width: 4 9/16" (118)
- Fiberglass reinforced pultruded sill with water shed andweep system
- Standard color: beige
- Optional color: brown
- Optional interior sill of oak, mahogany or cherry for CU1FD, CUIOFD
- Standard Oak sill for CUIAP, CMIAP, CMIAP and CMIAF
- Optional interior sill of mahogany or cherry for CUIAP, CMIAP, CUIOFD, CMIOFD, CMIIOFD, CMIOAF

Panel:
- Panel thickness: 1 3/8" (34)
  - Top rail height and sill width: 4 3/4" (121)
  - Sidelite width: 3" (78)
  - Traditional French Door bottom rail height: 8 1/8" (204)
  - Contemporary Door bottom rail height: 4 3/4" (121)
  - Bottom rail:
    - Slave core is used for Pine, Cherry, Douglas Fir and Mahogany
    - Laminate veneer luan (LVL) is used for White Oak
  - Sidelite w/ slide and hinged sills:
    - LVL is used for White Oak, Mahogany and Cherry
  - Sidelite core is used for Pine and Douglas Fir
  - Laminated all wood species use LVL
  - Top rail:
    - LVL is used for White Oak
  - Solid wood for Mahogany and Cherry
  - Slave core is used for Pine and Douglas Fir
  - Intermediate rail: solid wood for all species

Panel thickness: 2 1/4" (57)
- Top rail height and sill width: 3" (78)
- Bottom rail height: 8 1/8" (204)
- Bottom rail, stationary sills, looking sills, hinged sills and top rail for all species use LVL
- Top rail is solid wood for arch top doors
- Intermediate rail: solid face laminated
- Standard interior wood cope sticking: square

NOTE: Contemporary doors will default to square sticking with an option to select cove.

- Panels are interior glazed

Raised/Flat Panel Options:
- Standard stamped raised panel uses .050" (1.27) aluminum to the exterior with foam backing
- Core is medium density Bevelboard (MDF) with non finger-jointed wood laminated to the interior

- Panel option not available with Contemporary door.
- Clad 2 1/4" Swinging / Outswing French Door and Clad 2 1/4" Sliding / Outswing Arch Top French Door products with Raised and Flat panel options are not available with CE mark.

Hardware:
- Multi-point lock: applied to active and optional on inactive panels, 2 3/4" (73) backset, with lash engagement and three locking points, with option of keyed alike.
  - Dead bolt
  - Dead bolt
  - Manual head and foot bolt standard on inactive panel with option of multi-point lock
  - Multi-point lock is standard on 2 1/4" inactive panels
- Optional mortise lock and passage latch on active panel
- Optional prep for passage latch with deadbolt
- Optional no lockset hole
- Optional lever handle set: active, inactive and dummy
- Traditional handle set finish options:
  - Powder coat finishes: Satin Taupe, White, Dark Bronze, Matte Black
  - Metal finishes: Satin Chrome, Polished Chrome, Antique Brass, Oil Rubbed Bronze, Brass PVD, Oil Rubbed Bronze PVD, Satin Nickel PVD

- Contemporary handle set finish options:
  - Painted finishes: Matte Black, Dark Bronze, Oil Rubbed Bronze
  - Metal finishes: Oil Rubbed Bronze PVD, Satin Nickel PVD

Hinges:
- Adjustable hinges
  - Standard finish: Satin Taupe with a steel substrate
    - Optional powder coat finish: Gold Tone, Dark Bronze, Silver Frost, White, Matte Black
    - Optional finishes: Antique Brass, Satin Chrome, Oil Rubbed Bronze, Polished Chrome, Brass PVD, Satin Nickel PVD, Oil Rubbed Bronze PVD

- Dimensions are 4 1/2" (114) x 3 1/4" (74) with 2 3/16" (53) radius corners
  - Adjustment is 3 1/8" (79) for horizontal and vertical of panels in frame

- Quantity per panel for CU1FD, CUIOFD
  - Unit rough opening height ≤ 96" (2438) = three hinges per panel
  - Optional four hinges for unit rough opening height ≤ 66 1/2" (1688) and ≤ 96" (2438)

- Quantity per panel for CUIAP, CMIOFD, CMIIOFD, CMIAP and CMIAF
  - Unit rough opening height ≤ 96" (2438) = three hinges per panel
  - Unit rough opening height > 84" (2134) and ≤ 96" (2438) = four hinges per panel
  - Quantity per panel for CMIAP, CMIOFD, CMIIOFD, CMIAP and CMIAF
  - Unit rough opening height ≤ 96 1/2" (2447) = three hinges per panel
  - Unit rough opening height > 88 1/2" (2247) = four hinges per panel
  - Unit rough opening height > 88 3/4" (2241) = five hinges per panel
  - Optional four hinges for unit rough opening height ≤ 96" (2438)

Weather Strip:
- Weather strip at all panel perimeter points
- Standard color: beige
- Optional color: black

Glass and Glazing:
- Door panels: tempered insulating glass, hermetically sealed
- Glazing seal: silicone bonding, exterior
- Standard glazing: Low E2 Argon or air
- Optional glazing: clear insulating glass, Low E2 Argon or Air, Low E1 Argon or Air, Obscure, Laminated, Bronze tint, Gray tint, Reflective Bronze tint, and decorative glass options

- Insulating glass will be adjusted with capillary tubes for higher elevations, Argon gas not included
- StormPlus I23 has tempered exterior pane with PVD or SSG interlayer
- StormPlus I23 has a tempered exterior pane with SSG interlayer.
Wood-Ultrex Inswing French Door

Unit Features

Integrity Wood Ultrex Inswing French Door: IFD

Frames and Sash:
- The frame and sash exterior is made of Ultrex®, an advanced fiberglass reinforced polymer material that is resistant to thermal conduction. Ultrex patented coating system meets all the requirements of AAMA 626-99.
- Exterior color: Stone White, Pebble Gray, Bronze, Evergreen, Cashmere, or Ebony.
- The interior is non-finger-jointed pine, kiln-dried to a moisture content 5-12% at time of fabrication. Water repellent, preservative treated in accordance with WDMA 12.8.4. Interior wood is available as Pine bare wood or factory-applied white, clear, and designer black interior finishes.

Frame:
- Frame thickness is 1 5/16" (33). Frame width is 4 9/16" (116). The sill is Ultrex with a cellular PVC interior sill liner. 4/4 non-finger-jointed pine interior stop is applied to all units. Ultrex is 0.080 (2) thick.

Panel:
- Composite sash thickness is 1 3/4" (44), stiles and top rails 3 5/8" (92), bottom rail width 6" (152) Ultrex is .110" (3) thick.

Jamb Extension:
- 6 9/16" (170) or 6 13/16" (173) jamb extension available factory applied or shipped loose for field application.
- Assemblies with 6 9/16" and 6 13/16" extensions add 1/4" to width and 1/8" to height of Rough Opening.

Hardware:
- Multi-point lock, latch, and deadbolt assembly included with each door.
- Handle has a standard deadbolt and a top and bottom shoot bolt operated by handle set.
- Handle Set: interior and exterior selected separately.
- Standard finish is Almond Frosted, Optional White, Bright Brass PVD, Oil Rubbed Bronze PVD, Satin Nickel PVD, and Matte Black Finishes.
- Standard locking system strikes plate will be stainless steel, with an optional brass strike on "X" doors.
- Hinges contain both a horizontal, vertical adjustment feature, and non-removable pin.
- Three hinges are used on all units.
- Hinges will be White, Dark Brown, Evergreen, Pebble Gray, Ebony, or Cashmere to match the exterior of the frame.
- Coastal brass, Oil Rubbed Bronze, or coastal satin nickel hinges with brass substrates.
- Hinge kits are available in Gold, Grey, White, Dark Brown, and Ebony finishes.
- Keyed strike option is available.

Installation:
- Factory applied folding rail and drip cap system.
- Optional installation brackets for masonry available.
- Factory supplied field mulling kits are available for standard assemblies.
- Impact glazed units require installation clips.

Glazing:
- Dual-pane units are manufactured with 3/4" (19) Tempered IG with Low E1, E2, E3, or E3ERS coatings including argon gas or air fill. Clear (uncoated) glass is available with air fill only. Obscure glass is available as an option.
- All glass is of a select quality complying with ASTM C 1038.
- Insulating glass is manufactured and tested to pass level ASTM E 2150 and is IGCC certified.
- The glazing seal is a silicone bedding on both interior and exterior surfaces utilized in a sandwich style sash.
- STC/DTC are tested in accordance with ASTM E 90-09. See the Product Performance sheet for values.
- Decorative Glass options include glue chip, frost, and tinted (bronze, gray or green). Decorative glass is not available with Low E1, Low E3ERS or STC/DTC Upgrade options.