

City of Bethlehem, Pennsylvania

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS (COA)

Building address 505 E 4th St.

Owner of building Rick Cantelmi Phone _____

Owner's email & mailing address _____ 521-29 E 4th St, Bethlehem, PA 18015

Applicant Rick Cantelmi Phone: _____ 610-360-0532

Applicant's email & mailing address same as above

classie
egg

City _____ State _____ Zip Code _____

APPLICANT MUST ATTEND MEETING FOR CASE TO BE HEARD.
USE THE CHECKLIST ON THE BACK OF THIS APPLICATION TO ENSURE YOUR SUBMISSION IS COMPLETE.

Historic & Architectural Review Board – Application form, photographs, and drawings must be submitted 2 weeks prior to the regular scheduled meeting in order to be placed on the agenda for the next meeting.

South Bethlehem & Mount Airy Historic Conservation Commission - Application form, photographs, and drawings must be submitted 2 weeks prior to the regular scheduled meeting in order to be placed on the agenda for the next meeting.

1. **PHOTOGRAPHS** - Photographs of your building and neighboring buildings **must accompany** your application.

2. **TYPE OF WORK PROPOSED** – Check all that apply. Please bring any samples or manufactures specifications for products you will use in this project.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Trim and decorative woodwork | _____ Skylights |
| <input checked="" type="checkbox"/> Siding and Masonry | _____ Metal work |
| _____ Roofing, gutter and downspout | _____ Light fixtures |
| <input checked="" type="checkbox"/> Windows, doors, and associated hardware | _____ Signs |
| <input checked="" type="checkbox"/> Storm windows and storm doors | <input checked="" type="checkbox"/> Demolition (to remove infill, deteriorated siding) |
| _____ Shutters and associated hardware | _____ Other _____ |
| _____ Paint (Submit color chips – HARB only) | |

3. **DRAWINGS OF PROPOSED WORK** – Required drawings **must accompany** your application. Please submit **ONE ORIGINAL AND TEN (10) COPIES OF DRAWINGS, PHOTOGRAPHS, APPLICATION FORM, AND ANY SPECIFICATIONS**

Alteration, renovation, restoration (1/4 or 1/8"=1'0" scale drawings required IF walls or openings altered.)

New addition (1/4" or 1/8"=1'0" scale drawings: elevations, floor plans, site plan)

New building or structure (1/4" or 1/8"=1'0" scale drawings: elevations, floor plans, site plan)

Demolition, removal of building features or building (1/4" or 1/8"=1'0" scale drawings: elevation of remaining site and site plan)

A scale drawing, with an elevation view, is required for all sign submittals

4. **DESCRIBE PROJECT** – Describe any work checked in #2 and #3 above. Attach additional sheets as needed.

- 1) Removal of infill of 2 existing windows & reinstallation to match other original windows at west facade
- 2) Repair of existing storefront trim, transom, cornice, door (to match original)
- 3) Replacement of existing deteriorated siding
- 4) Repair 2nd story windows at south facade

5. **APPLICANT'S SIGNATURE** Rick Cantelmi **DATE:** 10/8/19

Windows Reinstallation & Façade Renovations

Project Description for HCC Application for Certificate of Appropriateness

505 E. 4th St. – Former residential and retail; proposed conversion into office at ground story

Owner: Rick Cantelmi



Figure 1. Front of 505 E. 4th St (center), subject of the following proposal.

The following proposal is for:

- (1) Removal of infill and reinstallation of 2 new windows matching the original west façade ground story windows (minimally visible in alleyway from 4th Street)
- (2) Repair of existing storefront
 - a. Removal of aluminum capping of wood sills
 - b. Removal of covering from original transom and repair as needed (original exists)
 - c. Restore cornice to match existing above door (right side)
 - d. Replace storefront door
- (3) Restoration or replacement of front, side, and rear façade imitation brick siding which is severely deteriorated (not highly visible from a public right-of-way)
- (4) Repair south windows at 2nd and 3rd floors, repaint, and install storm windows on 2nd floor

Current Status:

The current state of the original double-hung wood sash windows:

- Boarded up at exterior and interior so hard to determine exact existing conditions
- Paint peeling at exterior



Figure 2. Deteriorating side windows fronting onto alley.



Figure 3. Interior view of existing windows (2 at north side closer to rear).

The current state of the storefront windows:

- Original transom boarded up at exterior and painted over at interior
- Wood sill appears to be capped with aluminum
- Original cornice element removed above window (still exists above single door at right side)

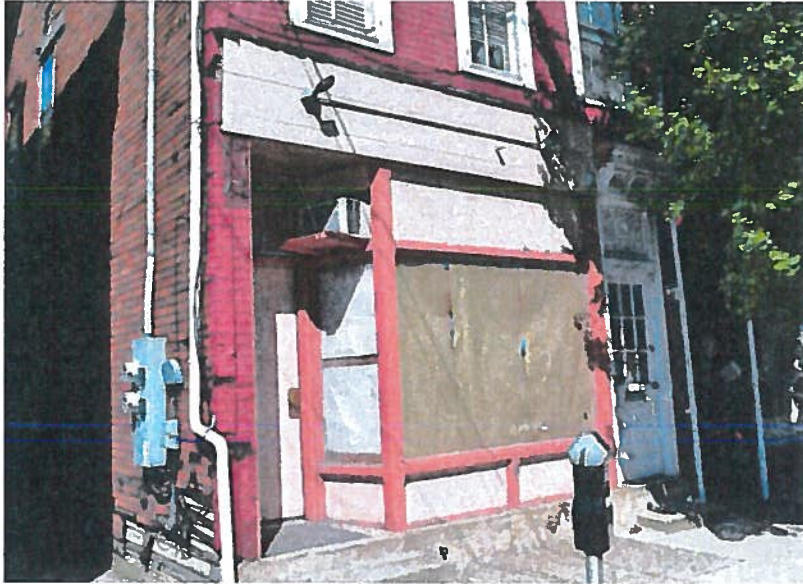


Figure 4. Overall view of storefront viewed from 4th Street.



Figure 5. Close-up view of original transom and cornice that will be uncovered and reconstructed, respectively, above the storefront.



Figure 6. Close-up view of original painted-over transom at interior.



Figure 7. Overall view of storefront looking north.

The current state of the imitation brick siding:

- Homasote-like imitation brick siding that is flaking in several places



Figure 8. Close-up view of deteriorating imitation brick siding, peeling off of original wood siding in various places.



Figure 9. Partially visible view from Fillmore Street of rear façade (indicated with arrow).

Replacement Windows:

In keeping with the preservation of the historic style and appearance of the windows, the windows at 505 E. 4th St. will be replaced with Anderson Woodwright series 400 windows or equivalent.

(1) Removal of window infill and installation of new windows to match existing original

Regarding window size and style, two of the four window openings will be installed with new windows that match the sizing and design of the existing original double-hung wood windows. The other two windows will remain covered. None of these windows is highly visible from 4th Street.

- 2 ground level rear side windows facing onto alley
 - 2'-4" W x 5'-0"H

The replacement windows will be Andersen *Woodwright* 400 series double-hung with fiberglass-encased wood exterior (Fibrex composite). The existing light configuration will also be preserved (to be determined once uncovered (if windows sashes still present), but likely 2 over 2 similar to upper story windows.



♥ MY FAVORITES (0)

ABOUT

WINDOWS

DOORS

IDEAS & INSPIRATION

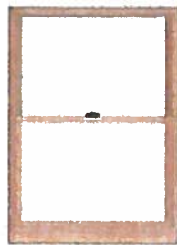
400 SERIES

Woodwright® Double-Hung Window

When you unite classic craftsmanship with Andersen innovation, the result is a beautiful window that's built to last. Andersen Woodwright® double-hung windows with easy tilt-release locks combine old-world character with modern technology, giving you the look you love with the features you need.

- Classic look with modern performance
- Wood protected by Fibrex® composite exterior
- Great for replacement
- Standard sizes up to 3'10 1/8" wide and 6'4 7/8" high. Custom sizes available.

▲ PRODUCT TYPES



400 SERIES
Double-Hung Window



400 SERIES
Woodwright® Double-Hung Window

- with custom 2 over 2 light arrangement

The glass will be **low E4**. This choice offers “a great visible light transmittance, almost as good as clear glass with no low-e coating.”

GLASS OPTIONS

- **Low-E4® Glass**
Reflects heat in the summer and helps keep heat inside in the winter, making this a good choice in climates where both heating and cooling costs are a concern.

Low-E4® Glass with HeatLock® Coating
All the benefits of our Low-E4 glass, with HeatLock® coating applied to reflect heat back into the home for improved thermal performance.

- **SmartSun™ Glass**
Provides the benefits of Low-E glass, plus helps shield your home from the sun's heat and filters out 95% of harmful UV rays while letting sunlight shine through.
- **SmartSun™ Glass with HeatLock® Coating**
All the benefits of our SmartSun™ glass, with HeatLock® coating applied to reflect heat back into the home for improved thermal performance.
- **Sun Glass**
Offers outstanding thermal performance with a subtle tint that blocks out even more heat from the sun.
- **PassiveSun® Glass**
If you live in a cold climate, PassiveSun® glass allows the sun to heat your home.

Energy Performance Details

	U-FACTOR How well a product prevents heat from escaping.	SOLAR HEAT GAIN COEFFICIENT How well a product blocks heat caused by sunlight.	VISIBLE LIGHT TRANSMITTANCE How much visible light comes through a product.	UV PROTECTION How well a product blocks ultraviolet rays.
SmartSun™	★★★★☆	★★★★★	★★★★☆	★★★★★
SmartSun with HeatLock™ Coating	★★★★★	★★★★★	★★★★☆	★★★★★
Low E-4™ Low E	★★★★☆	★★★★☆	★★★★☆	★★★★☆
Low E-4 with HeatLock™ Coating	★★★★★	★★★★☆	★★★★☆	★★★★☆
Sun	★★★★☆	★★★★★	★★★☆☆	★★★★☆
PrivacySun®	★★★★★	★★★★☆	★★★★★	★★★★☆
Triple Pane (with Low E coatings on two surfaces)	★★★★★	★★★★☆	★★★☆☆	★★★★★
Clear Dual Pane	★★★☆☆	★★★☆☆	★★★★★	★★★☆☆

(2) Repair of existing storefront

- a. Removal of aluminum capping
- b. Removal of covering from original transom and repair as needed
- c. Restore cornice in wood to match existing above door (right side)
- d. Repair existing storefront door

The transom will be uncovered and restored as necessary and the cornice reconstructed to match the original portion at the right side. The original wood storefront framing will be uncovered, restored as necessary, and repainted. See photos of existing storefront transom and cornice above. The existing wood door will be replaced with a new wood or smooth fiberglass door with glazing.

(3) Removal of front, side, and rear façade imitation brick siding which is severely deteriorated (not highly visible from any public right-of-way)

Exterior homasote-like fiber cement siding is currently deteriorated and flaking off the facades, especially at the side and rear. It is proposed to uncover the original wood siding to determine its quality, repair, and paint if deemed to be in decent condition. If not, fiber cement siding would be installed. See photos of existing conditions above for reference.

(4) Repair south windows at 2nd and 3rd floors, repaint, and install storm windows on 2nd floor

Repair and repaint existing upper story original wood windows as needed and install storm windows to fit existing openings