

City of Bethlehem, Pennsylvania

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS (COA)

Building address 114 E Wall Street
Owner of building Robert C (Rob) Marshall Phone
Owner's email & mailing address
Applicant same/owner Phone: 11
Applicant's email & mailing address
Street and Number 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. See attachment

- 2. TYPE OF WORK PROPOSED - Check all that apply. Please bring any samples or manufactures specifications for products you will use in this project.
Trim and decorative woodwork
Siding and Masonry
Roofing, gutter and downspout
Windows, doors, and associated hardware
Storm windows and storm doors
X Shutters and associated hardware
Paint (Submit color chips - HARB only)
Skylights
Metal work
Light fixtures
Signs
Demolition
Other

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. - attached
Removal of existing, badly weathered shutters & hardware
Replacement with new shutters/hardware that are a 1:1 match in style, color, etc. to the existing set

5. APPLICANT'S SIGNATURE Robert C Marshall DATE: May 13, 2019

for 5/22 submission
LTC ntu

# SHUTTER Removal and Replacement

## Project Description for HARB Application for Certificate of Appropriateness

**54 East Wall St.** – Townhouse 2 on row of 4 (52, 54, 56, 58), built in 1978, on site of old Neisser School

Owner: **Robert C (Rob) Marshall**; phone: 985-373-3095; email: [robertmarshall@bellsouth.net](mailto:robertmarshall@bellsouth.net)



**Figure 1. Front of 54 E Wall St, subject of the following proposal.**

**Proposal: The following proposal is for:**

- (1) Removal and replacement of the existing, original, badly -weathered shutters (and hardware)**
- (2) Replacement with new shutters and hardware that are a 1:1 match in style, color, etc. to the existing set.**

54 E Wall St is one of 4 adjoining townhouses located in Historic Bethlehem, at the site of the old George Neisser School. The school was razed in 1977, and the building of the townhouses was completed on 1978. Although the structure(s) is / are not technically historic, they were built with the front edifice constructed to match the historic look of the area. The two central townhouses (54 and 56) have a "Germanic Stone" façade, while the two townhouses on the ends of the building have a brick façade.



**Figure 2. Row of 4 Townhouses (52, 54, 56, 58 E Wall St) on the site of the old Neisser school. 58E Wall St with brick façade is pictured in the foreground**



**Figure 3. 52 E Wall St – recently installed Western Red Cedar Shutters. The “top black” / “bottom white” shutter motif only occurs on the two brick end-unit townhouses.**



**Figure 4. 56 E Wall St – “mirror-image” (to 54 E Wall, the subject of this proposal) stone townhouse with upper and lower black shutters**

**Current Status:**

**The state of the current shutters, which date back to the original building in 1978, is as follows:**

- **Several shutters have missing wood parts, which, through wood rot or contact with hands or tools, have fallen away.**
- **The shutters were previously re-painted in a “slap-dash” manner (rather than being sanded-down first) on top of wood that was damp and/or partially rotted in spots, and paint that was partially peeling in spots.**



**Figure 3. Missing wood piece from 54 E Wall St shutters**



**Figure 4. Example of shutter wood cracking and buckling. Buckling results when increased moisture conditions cause the wood to expand.**



**Figure 5. Examples of wood cracking, chipping and buckling due to prolonged exposure to the elements. Shutters were likely painted in slap-dash manner, i.e. overtop of aged wood and paint surfaces, rather than sanding to a relatively fresh, clean surface.**

#### Replacement Shutters:

The shutter layout at the row of townhouses (52, 54, 56, 58 E Wall St\_ has a symmetry, which, of course, the current proposal will remain consistent with. The two “end units”, 52 and 58, have brick exteriors, and White Paneled lower shutters and Black, Louvered, upper shutters (see Figs 2 and 3).

The shutter motif on the two central units, 54 and 56, which both have stone facades, are flat panel shutters down, louvered shutters up, similar to the end units. However both upper and lower shutters are black (see Figs 1 and 4).

**The current proposal is based on replacing the existing shutters with “like for like” shutters in all dimensions, color choice, and hardware choices.** In keeping with the existing decorative layout, and to duplicate the existing all-black color scheme at 56 E Wall St, the adjacent, “mirror-image” Germanic Stone townhouse (rather than the top black / bottom white color scheme at the brick end units), both the Top Flat Panel and Bottom Louvered shutters will be **all black** (see Figures 1 and 4).

The Rockwell family, residing next door at 52 East Wall Street, replaced their old shutters in 2015 with **Western Red Cedar shutters** (see Fig. 3). Following this precedent, the replacement shutter wood choice used here will be the same, **Western Red Cedar**.

The shutters and associated hardware (all detailed below) will be fabricated/purchased by/from:

Timberlane,  
150 Domorah Dr.,  
Montgomeryville, PA 18936  
1-866-454-5111

<https://www.timberlane.com/>

-and-

Larson Shutter Company  
208 W Sierra Ave  
Portola, CA 96122  
1-800-675-6555

<https://www.larsonshutter.com/>

Both of these shutter manufacturing and sales companies have excellent craftsmanship and products; and have been used by neighbor Don Rockwell at 52 E Wall St in his shutter replacement effort.

The following measurements were made from the existing shutters at 54 E Wall Street (and these same shutter dimensions exist currently next door at 56 E Wall Street).

#### **Lower Flat Panel with Ogee Molding, 3 pairs / 6 shutters**

##### **Gross Measurements**

- Width: 16 5/8" single, 33 1/4" pair
- Height: 55 3/8"
- Thickness: 1 1/4"

##### **Component Height Measurements:**

- Upper rail height = 3 1/4"
- Upper flat panel (from molding top to molding btm) = 19 11/16"
- Mid rail = 4.5"
- Lower louvered section = 22 1/4"
- Lower Rail = 5 11/16"
- Side rails are both 3 1/8"



Figure 6. Existing Ground Floor Shutters at 54 E Wall St. – Flat Panel Shutters

A screenshot of the Timberlane website's product selection page. The page features a navigation menu at the top with links for HOME, EXTERIOR SHUTTERS, SHUTTER HARDWARE, GETTING STARTED, HOW TO BUY, GALLERY, and RESOURCES. Below the menu, three shutter trim options are displayed in a grid. Each option includes a photograph of the trim profile and a corresponding cross-sectional diagram. The first option is CT3 - Shaker Panel with Colonial Trim. The second is CT4 - Flat Panel with Colonial Trim. The third is FP1 - Flat Panel with Ogee Trim, which is highlighted with a red rectangular border. The FP1 option shows a trim profile with a distinct ogee (S-shaped) profile.

Figure 7. Replacement Shutter Trim Choice



## Upper Louvered Shutters: 4 pairs / 8 shutters

### Gross Measurements

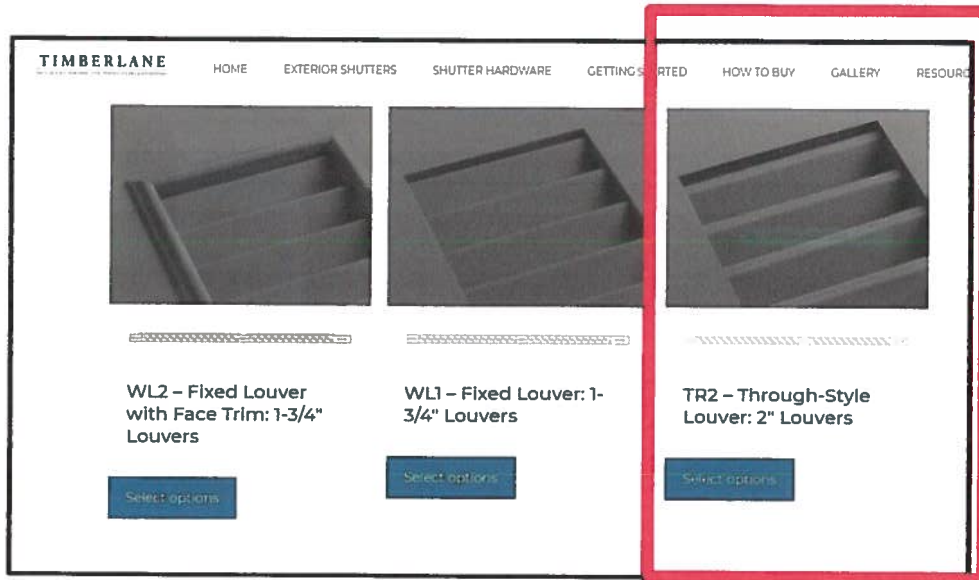
- 51 3/8 " high
- 14 3/16" wide single; 28 6/16" pair
- Rail thickness: 1 1/4"

### Component Height Measurements:

- Upper rail height = ~2"
- Upper louvered section = ~21 1/8" = 12 louvers
- Mid rail = 3"
- Lower louvered section = 21 3/8" = 13 louvers
- Lower Rail = 3 5/8"
- Side rail toward window = 2 1/4"
- Side rail away from window = 1 7/8"
- Louver width = 2"



Figure 8. Existing 2<sup>nd</sup> Floor Shutters at 54 E Wall St. – Louvered Shutters



**Figure 9. Replacement Shutter Louver Size / Style Choice**

**Additional Specifications on shutter fabrication:**

- Copper caps on tops of all shutters
- Primed and painted Jet Black
- Western Red Cedar wood

## **ADDENDUM:**

### **Shutter Hardware**

*Note: this section may be a bit “down in the weeds”, but is included for completeness sake, and to demonstrate that the intent is to **DUPLICATE** the existing “look” with all replacement equipment. Photos and figures in this section are **NOT** numbered.*

As mentioned above, the shutters and associated hardware (all detailed below) will be fabricated/purchased by/from:

Timberlane,  
150 Domorah Dr.,  
Montgomeryville, PA 18936  
1-866-454-5111

<https://www.timberlane.com/>

-and-

Larson Shutter Company  
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<https://www.larsonshutter.com/>

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[https://www.timberlane.com](https://www.timberlane.com/)

## Shutter Hooks

The existing 12" hooks (which hold the shutters open) will be replaced with 12" hooks from Timberlane. These are to be powder black in color, like the originals.

Existing, original shutter hooks



Catalogue picture of replacement hooks from Timberlane.

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Because every "Welcome Home" moment should be extraordinary

HOME EXTERIOR SHUTTERS SHUTTER HARDWARE GETTING STARTED HOW TO BUY GALLERY RESOURCE

### All Products

Home Shutter Hardware Tiebacks Hook & Staple (For Wood Only)

Hook & Staple (For Wood Only)

Price: \$21.00 – \$35.00

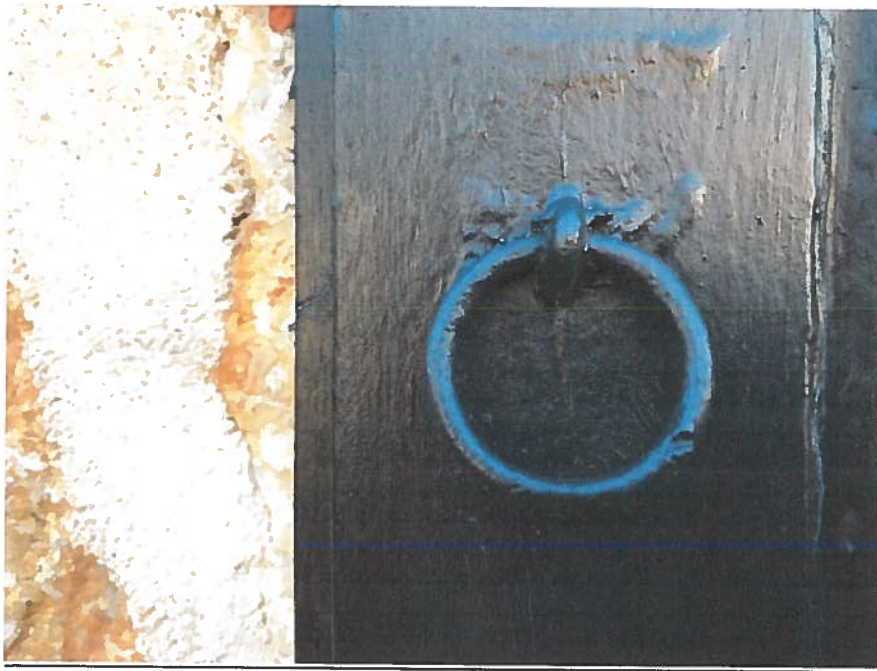
Sold per pair – 2 Hooks and 4 Staples

Length 12"

Material Steel Clear

## Shutter Pull Rings

The existing shutter pull rings are located on the lower shutters only, and are 1.5" in diameter.



The existing shutter pull rings will be replaced with 1.5" Powder black stainless steel pull rings from Timberlane.

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HOME EXTERIOR SHUTTERS **SHUTTER HARDWARE** GETTING STARTED HOW TO BUY GALLERY RESOURCES

### All Products

Home > Shutter Hardware > Pull Rings > Pull Ring (Screw-In)

q Pull Ring (Screw-In)

Price: \$5.00 - \$7.00

**Sold individually with required fastener**

**Material** Stainless Steel Clear

\$7.00

1

SKU: 53103S [Back to top](#) Shutter Hardware Pull Rings

### Shutter Lock

The existing decorative shutter locks are 8 5/8" in overall length (both pieces aligned and "locked"), with the length of the bolt plate at 6 3/8".



The replacement shutter locks from Timberlane are powder Black in color; and are also 8 5/8" in overall length, with a 6 3/8" bolt plate.

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HOME EXTERIOR SHUTTERS **SHUTTER HARDWARE** GETTING STARTED HOW TO BUY GALLERY

All Products  
Home Shutter Hardware Locks Shutter Lock

Shutter Lock

Price: \$27.00

Sold individually with required fasteners  
Overall length: 8-5/8"

SKU: 30108 Shutter Hardware Locks

Additional information

Weight	1.8 lbs
Overall Length	8-5/8"
Length of Bolt Plate	6-3/8"
Height	2"
Finish	v
Material	Steel
Strength	Standard Duty
Quantity	Sold Individually
Fulfillment Time	Most hardware items are in stock for immediate shipment

### Strap Hinges and Pintels

The existing strap hinges (mounted on the back of the shutter, where they are not visible) are black in color, 14" in length.

The Pintel type is "screw-in", rather than mounted.



The replacement strap hinges will be powder black in color, and 12" long. The replacement pintels will be the "screw-in" type.



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HOME EXTERIOR SHUTTERS SHUTTER HARDWARE GETTING STARTED HOW TO BUY GALLERY RESOURCES

## Products

Shutter Hardware Hinges Heavy Duty Storm Strap Hinges

### Heavy Duty Storm Strap Hinges

Price: \$30.00 – \$33.00



Sold per pair: 2 strap hinges with required fasteners

Length 12"  
Hinge Offset Choose an option Clear

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https://www.timberlane.com

HOME EXTERIOR SHUTTERS SHUTTER HARDWARE GETTING S

Reviews (0)

You may also like...



Heavy Duty Plate Pintel  
\$21.00 – \$31.00

Select options



Heavy Duty Adjustable Pintel

\$24.00 – \$40.00

Select options