



# Treatment Proposal and Quote

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B62022-46

DATE: OCTOBER 20, 2022

**CLIENT:** Exchange Place Alliance  
Elizabeth Cain  
[REDACTED]  
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[REDACTED]  
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**FOR:** Katyń Memorial, Andrzej Pitynski, 1991  
Exchange Place Jersey City, NJ

## ***Conservation Treatment Proposed:***

### **BRONZE FIGURE, PLAQUES AND RELIEFS**

Varying levels of treatment can be performed on the bronze elements of the monument. Below are three possible options for treatment.

#### **Major Treatment (steps apply to figure and all reliefs and plaques – works treated off-site)**

1. Work with fine art riggers to remove bronze elements including figure, reliefs and plaques from granite and transport to off-site metal conservation studio for treatment.\*
2. Surface clean sculpture using detergent and water followed by rinsing.
3. Remove coating as possible following testing and design and development of appropriate methods. Some possible methods include solvent cleaning, laser cleaning or micro-air abrasive systems.
4. Apply patina as needed overall with a focus on areas which appear uneven.
5. Apply protective coating. Either a hot wax coating or a lacquer coating with a sacrificial hot wax layer will be applied.

A simple hot wax coating is the conservation preferred option; however, it requires a strict maintenance schedule of cleaning and reapplication every 6 months to 1 year. This maintenance can be performed by a conservator or maintenance staff which have been trained by a conservator.

Application of a lacquer coating followed by a sacrificial hot wax layer is longer lived and more robust but harder to take off. This option would be chosen if it is likely that maintenance on the sculpture is deferred or inconsistent. Removal and reapplication of the lacquer coating should occur approximately every 10 years by a conservator. Regular maintenance of hot wax coating is still recommended. This maintenance can be performed by a conservator or

maintenance staff which have been trained by a conservator. (See Maintenance Document).

**Estimated cost of treatment:** \$190,000-\$200,000

\*This cost DOES NOT include fine art rigging of sculpture, packing and transport to and from the off-site studio.

Estimated time sculpture will be off view: 6 months

Mid-range Treatment (steps apply to figure and all reliefs and plaques-works treated in-situ)

1. Full scaffolding required to enable access to the entirety of sculpture.\*\*
2. Reduce coating on surface as possible following testing and design and development of appropriate methods. Possible methods include solvent application and laser cleaning. If laser cleaning is determined as the appropriate method, the sculpture will need to be fully tented for safety. Full removal of coating will not be performed.
3. Surface clean sculpture using detergent and water followed by rinsing.
4. Spot patinate areas as needed.
5. Apply protective coating. Either a hot wax coating or a lacquer coating with a sacrificial hot wax layer will be applied.

A simple hot wax coating is the conservation preferred option; however, it requires a strict maintenance schedule of cleaning and reapplication every 6 months to 1 year. This maintenance can be performed by a conservator or maintenance staff which have been trained by a conservator.

Application of a lacquer coating followed by a sacrificial hot wax layer is longer lived and more robust but harder to take off. This option would be chosen if it is likely that maintenance on the sculpture is deferred or inconsistent. Removal and reapplication of the lacquer coating should occur approximately every 10 years by a conservator. Regular maintenance of hot wax coating is still recommended. This maintenance can be performed by a conservator or maintenance staff which have been trained by a conservator. (See Maintenance Document).

**Estimated cost of treatment:** \$80,000- \$100,00

\*\*Cost DOES NOT include full scaffolding installation. Scaffolding is required for this treatment option.

Additionally, onsite locked storage or daily car access to the plaza for tool storage is required.

Estimated time for treatment completion: 6-8 weeks (Sculpture may be tented during some of this time.)

Minimal Treatment (steps apply to figure and all reliefs and plaques-works treated in-situ)

This method is not fully recommended but could save on time and money for treatment.

1. Full scaffolding installed to enable access to the entirety of sculpture. Two lifts which can access the entire monument may also be suitable for this treatment.\*\*\*
2. Surface clean sculpture using detergent and water followed by rinsing.
3. Address blanched surfaces as possible following testing and design and development of

appropriate methods. Testing to determine if the coating can be resaturated or reduced will be performed during this time. If testing is successful, steps 4 and 5 will be performed. If it is determined that the coating cannot be effectively reduced or reformed for saturation, full removal of the coating and a more in-depth treatment of the blanched surface would need to be performed. This treatment would then move towards a Mid-Range Treatment with associated costs as noted above.

4. Address egregious damage to the surface including but not necessarily limited to coating fractures around the base of the figure by locally stripping the coating and treating as needed.
5. Apply hot wax coating followed by a strict maintenance schedule of cleaning and wax reapplication every 6 months to 1 year. This maintenance can be performed by a conservator or maintenance staff which have been trained by a conservator.

**Estimated cost of treatment:** \$25,000-\$30,000

\*\*\*Cost DOES NOT include full scaffolding installation or rental of lifts.

Additionally, onsite locked storage or daily car access to the plaza for tool storage is required.

Estimated time for treatment completion: 1-2 weeks

### **GRANITE PLINTH** (not including stepped base)

1. A lift is required to access all parts of the plinth.
2. Surface clean using a detergent and water followed by thorough rinsing.
3. Reduce accretions mechanically and with solvent as necessary.
4. Test to determine if stain reduction is possible and design and development of an appropriate method.

**Estimated cost\*\*\*\*:** \$8,500- \$9,000

Cost DOES NOT include scaffolding or lift rental. It also does not include treatment for stain reduction. See below.

\*\*\*\*Treatment will include overall cleaning of the plinth. Design and development steps will involve testing to determine if stains can be reduced. If stain reduction is possible as determined in design and development (step 4), a treatment proposal with associated cost and timeline will be provided.

Estimated time: 2 days

### ***Maintenance Proposal:***

1. Scaffolding or lifts to access all parts of sculpture are required.
2. Examine sculpture for condition issues.
3. Surface clean bronze and granite elements using a detergent and water followed by thorough rinsing with water.
4. Address biological growth as needed on granite components.
5. Apply protective hot wax coating to bronze figure, reliefs, and plaques.

6. Address any other condition issues as determined by yearly examination. This may include contacting a conservator to treat the bronze elements or a skilled mason to address the granite steps.

**Estimated Cost of Yearly Maintenance by a Conservator: \$12,000- \$13,000**

Cost DOES NOT include scaffolding or lift rental.

Estimated time: 2-3 days

Or

**Estimated Cost of 1 Day Maintenance Staff Training: \$3,500**

**Estimate Cost of 3 year Conservator Examination: \$2,500**

Cost DOES NOT include scaffolding or lift rental.

Notes on maintenance: Purchasing appropriately sized scaffolding for routine maintenance will help lower maintenance costs. Additionally, if staff are trained to perform the maintenance, it is recommended these be individuals who will stay on with the Exchange Place Alliance for a while. Regular re-training of new staff could become costly.

Fees for conservation will be paid in the following manner: one half upon approval of treatment proposal; the balance upon completion of treatment. After completion of treatment the Client will receive a digital PDF of the conservation report which will include a photographic record.

Make all checks payable to **Boro 6 Art Conservation**

Zelle Payment can be made to [jakki@boro6artconservation.com](mailto:jakki@boro6artconservation.com)

First payment is due prior to beginning treatment. Final payment is due within 30 days.

The undersigned (Client) requests and authorizes Boro 6 Art Conservation LLC (Conservator) to perform the treatment set forth in the above treatment proposal. The Client is the owner of the object(s) to be treated, or is an authorized agent of that person or entity and the below signor has authority to sign on behalf of the person, partnership, or corporation that is party to the contract. The client realizes that the success or longevity of the treatment cannot be guaranteed since factors such as previous treatment, maintenance procedures by past or current owner, environmental conditions in which the object has been or will be kept, design flaws by the maker, and use or misuse are beyond the control of the Conservator. The client agrees to indemnify and hold harmless the Conservator, her employees and agents, for any and all liability for any changes, alterations or conditions of the objects due to the treatment proposed. The client waves all claims against the Conservator, her employees and agents that the client might hereafter assert for damage or loss to the client or the work of art, except for willful misconduct or gross negligence. The client, by signing this agreement, attests to the fact that he/she has obtained coverage from his/her insurance company for the period that the object is in transit and in Conservator's studio, or is willing to personally assume all risks. The client agrees that the Conservator may use and publish all photographs, drawings, and written documents made in the performance of the conservation services for promotional, scientific and educational purposes.

**CLIENT'S SIGNATURE:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

All work performed by a qualified conservator, at the highest professional standards, according to the *Code of Ethics and Guidelines of Practice*, American Institute for Conservation

