

KEY HISTORIC RESTORATION COMPETENCIES

METALS - 04700 SHEET METAL FABRICATIONS/ 05700 ORNAMENTAL METALWORK

Cleaning/refinishing/polishing:

- 3 projects in 4 years, involving same type of metal and using cleaning/refinishing/polishing techniques specified for this project
- Nickel alloys: 2 projects in 10 years
- no damage to metal by cleaning/polishing products, tools, or equipment
- no damage to adjoining finishes
- accurate replication of historic finishes
- cleaning/polishing followed metal grain
- protective lacquer application: smooth, uniform, with no drips or sags
- polishing: matched original polish gloss characteristics

Paint stripping:

- 3 projects in 4 years, involving similar techniques to those specified for project
- removed corrosion products completely
- achieved uniform, smooth surface without loss of detail or damage to metal substrate
- no damage to adjoining finishes

Custom fabrication/replication:

- 2 projects in 10 years
- accurate replication of original metal in form, material, and finish

Repair - replacement of parts, cutting, welding, soldering filling dents, patching, etc.

- 3 projects in 7 years, involving similar types of repairs
- no damage to sound metal
- repair was inconspicuous: follows original design, contours, detailing, finish
- left no sharp edges or other safety hazards
- watertight connections between new and existing materials
- repair blended visually with existing sound metal

Painting:

- 3 projects in 4 years
- surface preparation: loose paint removed, surface smoothed/cleaned as necessary to assure adhesion and neat finished appearance
- application: smooth and uniform, with no drips or sags

Sealant Installation:

- 3 projects in 4 years
- removed sealant cleanly, without damaging metal or adjoining materials
- sealant matched existing metal/wall color, as required
- sealant was applied neatly, not spreading onto adjoining surfaces

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- sealant adhered to both sides of joint
- uniform sealant beds
- watertight installation

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WOOD - 06401 EXTERIOR ARCHITECTURAL WOODWORK 06402 INTERIOR ARCHITECTURAL WOODWORK

Cleaning - conserving an existing finish:

- 2 projects in 10 years, involving cleaning techniques similar to those specified for this project
- preserved existing historic finishes (stain and/or surface coatings)
- no damage to/discoloration of wood substrate by cleaning products, tools, or equipment
- no damage to adjoining finishes
- did not alter original finish color, gloss, or other visual qualities

Stain removal:

- 2 projects in 8 years
- no damage to/discoloration of wood substrate by cleaning products, tools, or equipment
- no damage to adjoining finishes

Refinishing/replicating an historic finish:

- 3 projects in 5 years, involving application techniques similar to those specified for this project
- no damage to wood
- no damage to adjoining finishes
- sanding: created no gouges or ridges
- refinishing: matched original finish appearance, including color, gloss, and other surface characteristics

Finishing - staining, applying shellac, varnish, lacquer, or oil (traditional materials and techniques, not necessarily matching a particular finish)

- 3 projects in 3 years, involving application techniques similar to those specified for this project
- no damage to wood
- no damage to adjoining finishes

In kind replacement/replication:

- 3 projects in 4 years
- accurately replicated historic wood in color, grain character, form, finish and other visual qualities

Patching/repair:

- 3 projects in 4 years
- no damage to sound wood
- repair was inconspicuous

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- patches blended with historic wood in color, grain character, finish, and other visual qualities

Consolidation/epoxy fill repair

- 3 projects in 4 years, using epoxy fill
- no damage to sound wood
- repair was inconspicuous
- patches conform to profile/contours of historic woodwork
- technicians must have successfully completed a minimum of 1 day of training in use of epoxy product(s)

Treating unusual conditions (e.g. sun damage, fire damage, water damage):

- Illustrate training or experience involving similar problem(s) which enables you to solve this project's problem(s)

Preservative treatments (active infestations):

- 2 projects in 5 years
- no discoloration of sound, unpainted woodwork or no damage to sound woodwork
- treatment must be done by, or under direction of, certified pest control operator

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WINDOWS - 08520 WOOD WINDOWS

Custom fabrication/replication:

- 3 projects in 4 years
- accurate replication of historic wood windows in size, and detailing, including muntin profile and configuration

Window removal and installation:

- 3 projects in 6 years, involving removal of existing windows and installation of new or repaired/salvaged windows
- no damage to window frame or building during removal
- no damage to adjoining finishes
- newly installed windows align with existing frames, operate properly, conform to existing opening sizes

Repair - slicing/replacing window members

- 3 projects in 6 years
- no damage to sound wood
- repair was inconspicuous

Consolidation/epoxy fill repair:

- 3 projects in 4 years, using epoxy fill able to be tooled
- no damage to sound wood
- repair was inconspicuous
- patches conform to profile/contours of historic woodwork
- technicians must have successfully completed a minimum of 2 days
- training in use of epoxy product(s), for structural applications, and a minimum of 1 day of training, for non-structural applications

Preservative treatments:

- 2 projects in 5 years
- no damage to sound woodwork
- treatment must be done by, or under direction of, certified pest control operator

Glazing:

- 3 projects in 4 years
- no damage to original glass
- replicates historic glazing appearance

Painting:

- 3 projects in 4 years
- surface preparation: loose paint removed, surface smoothed/cleaned as necessary to assure adhesion and neat finished appearance

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- application: smooth and uniform, with no drips or sags
- window operability maintained; no openings painted shut

Sealant Installation:

- 3 projects in 4 years
- removed sealant cleanly, without damaging windows or adjoining materials
- sealant matched existing window/wall color, as required
- sealant applied neatly, not spreading onto window or wall surface
- sealant adhered to both sides of joint
- uniform sealant beds
- watertight installation

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PAINTING - 09900 INTERIOR AND EXTERIOR

PAINTING, ORNAMENTAL - 09900 INTERIOR AND EXTERIOR

General:

- 3 projects in 4 years
- surface preparation: loose paint removed, surface smoothed/cleaned as necessary to assure adhesion and neat finished appearance
- application: smooth and uniform, with no drips or sags

Replication: Faux finishes/multiple-coat ornamental paint systems:

- 3 projects in 4 years
- accurate replication of ornamental paint system's color, texture, pattern, luminosity, and other visual characteristic
- faux finishes: projects replicated either an existing faux finish, a historic faux finish (based on visual documentation), or an existing natural material in the building
- ornamental paint systems other than faux finishes: as least one project must involve replication of an ornamental paint system similar to that specified for this project (e.g., glazed paint system)

Acrylic lacquer application:

- 3 projects in 4 years
- coats applied smoothly and uniformly, with no drips or sags.

Ornamental paint cleaning/conservation:

- 3 projects in 5 years, using techniques specified for the project
- no damage to/discoloration of sound paint by cleaning/conservation materials or equipment