

SECTION 09 20 00

PLASTER PATCHING AND REPAIR

PART I GENERAL

1.1 SUMMARY

- A. Section includes repairs to lime plaster on existing wood lath.
- B. Related Sections:
  - 1. Section 06 20 00 - Finish Carpentry.
  - 2. Section 09 91 00 - Paints and Coatings.

1.2 SUBMITTALS

- A. Product Data: Submit data on plaster materials and accessories, characteristics, and limitations of products specified.
- B. Qualifications as defined in Section 1.3 of this Section

1.3 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum five years documented experience, or five significant, similar projects.
- B. Installer: Company specializing in performing Work of this section with minimum five years documented experience, or five significant, similar projects.

1.4 MOCK-UP

- A. Provide mock-up, minimum 6" x 12" repaired area, illustrating surface finish, and transition to existing original plaster finish.
- B. Suggest location within field of finish work to Owner for their approval.
- C. Approved mock-up may remain as part of the Work.

1.5 PRE-INSTALLATION MEETING

- A. Convene minimum one week prior to commencing Work of this section. Cover as an agenda item at progress meeting if possible.

#### 1.6 ENVIRONMENTAL REQUIREMENTS

- A. Do not apply plaster when substrate or ambient air temperature is less than 50 degrees F nor more than 80 degrees F.

- B. Section 01 57 19 - Temporary Facilities and Controls: Temporary Heat.

### PART II PRODUCTS

#### 2.1 LIME PLASTER

- A. Manufacturers:

- 1. St. Astier: NHL Plastering Mortar.
- 2. Virginia Lime Works: Lime Putty Plaster.
- 3. Substitutions: Section 01600 - Product Requirements.

#### 2.2 COMPONENTS

- A. Plaster Base Materials:

- 1. Patching and Base Coat Plaster: St. Astier, NHL 5 natural hydraulic lime, pre-mixed.

- B. Finishing Plaster:

- 1. Lime Putty Type: Manufactured by Virginia Lime Works, non-hydraulic, premixed.

- C. Consolidating Materials:

- 1. St. Astier, NHL 2 natural hydraulic lime, or lime putty: 1 part to 10 parts water.
- 2. Materials and methods recommended by plaster subcontractor will be considered.

#### 2.3 ACCESSORIES

- A. Plaster washers (zinc), galvanized screws, metal mesh, or other approved metal supports, of type and size to suit application.

### PART III EXECUTION

#### 3.1 EXAMINATION

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.
- B. Wood Lath and Accessories: Verify substrate is flat and surface is ready to receive work of this section. Verify joint and surface perimeter accessories are in place.
- C. Mechanical and Electrical: Verify services within walls have been properly capped, tested and approved.

#### 3.2 INSTALLATION

- A. Consolidate and stabilize any existing loose plaster and wood lath.
- B. Remove existing paint and wall covering down to original plaster finish where new work is to be installed, as indicated in Section 09900 Restoration Painting and on drawings. Protect existing original plaster finish which is to remain.
- C. Plastering:
  - 1. Apply brown coat over existing substrates.
  - 2. Apply finish coat to repaired areas to provide smooth alignment with existing original plaster.

#### 3.3 ERECTION TOLERANCES

- A. Maximum Variation from True Flatness: 1/8 inch in 10 feet.

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