SAGU, NORTH LIME KILN (#1)

North Lime Kiln (Kiln #1), West Wall Interior, After Treatment
Preservation Programs

- Grounded in History and Archaeology.
- Based on a philosophy; preservation vs. restoration.
- Can be science-based or related to research questions.
- Use of computer programs and formal recording procedures.
- Proactive, using monitoring and maintenance schedules.
- Constantly evolving based on changes in budget, condition and personnel.
Goals of Documentation

- Record the condition of buildings at a point in time; provides a baseline.
- Record original architectural details and construction sequences/events.
- Record preservation activities, including materials and application techniques.
- Study architectural/archaeological features worthy of consideration during preservation.
- Record rates and types of deterioration.
Types of Documentation
Levels of Treatment Documentation

Minimum Level:
- Before and After Photos
- Project Notes (amount and type of materials and application techniques/issues)

Best Practice:
- Combination of photography, measured/rectified drawings, laser-scanning, chemical analysis of materials, standard forms and databases.
Photo Annotation

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Goals of Condition Assessment

• Assess the agents and causes of deterioration using standardized terms.
• Study the effects of different materials used historically and in recent preservation efforts.
• Identify problem areas.
• Develop project proposals.
• Identify preservation treatments needed.
• Develop maintenance/monitoring schedules.
# Databases and Forms

**Inspection:** Summer 2008

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**Wall Segment Condition (Problems) Form**

**Overall Wall Segment Condition:** WST

**Overall Plaster Condition:** PUST2

**Summary of Wall Segment Condition:**

Much recent rain has made this wall very damp, particularly the basal and top portions, as well as immediately under the east half of the window. The adobes under the window have eroded back creating a "cup". Rivulets forming on some adobes and particularly in mortar joints. A lot of silty material is built up at the base of the wall, probably from adobe erosion over the years. There is a possibility that low vegetation could grow in this as it is along the north wall of room 45.

**Floor Requires Maintenance**

**Comments on condition of floor**

**Documentation Needs**

- Photos ✓
- Plaster Area Calculation ✓
- Measured Drawings ✓
- Inspection ✓
- Historical Inscription Form

**Other Documentation Needs**

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Condition Monitoring

• Monitoring schedule based on local weather, visitation, and previous condition assessments.

• Monitor the overall structural condition as well as the condition of different materials.

• Different materials may require different monitoring schedules.
Preservation/Stabilization Histories

• Documents what was done and how.
• Important lessons.
• Honors those who have worked so hard to preserve our sites.