04902 STANDARD GUIDE FOR CLEANING OF DECORATIVE LIMESTONE

PART 1: GENERAL

1.01 This guide is to provide consultant teams with institutional knowledge of different cleaning procedures that have been performed on campus with varying degrees of success. This guide should be referenced when the desired scope of work entails the cleaning of limestone masonry on campus. The attachments are a collection of reports and test results from research of the composition of limestone staining, and possible cleaning procedures. The attached documents address typical staining conditions of limestone due to environmental conditions localized to Ithaca; including acid rain, staining from lead flashings, and organics.

A. Hazardous Materials: The residue material from a cleaning mockup is to be tested to determine whether it should be treated as hazardous waste material.

PART 2: REFERENCED DOCUMENTS (see attached pdfs)

2.01 Olin Library Memorandum: Olin Library Stains (June 1993)

2.02 Olin Library Design Development Limestone Cleaning & Testing Procedure and Results.

2.03 McGraw Hall, Section 040140 Maintenance of Stone Assemblies (Light Masonry Cleaning)