

MARKER No. 11: EUNICE BENNETT (d. 1869) daughter of Charles & Libbie Bennett

EXISTING CONDITIONS

- The marble headstone is in sound condition, however, it is experiencing biological growth and staining.
- The headstone is also experiencing surface erosion and the inscriptions are not clearly legible (due in part to the biological growth and staining).



Before (July 2009)



After (September 2009)

- The marble headstone is detached from its original sandstone base and lies partially buried on what appears to be its original sandstone base (the marble headstone was originally attached with two metal pins).
- The sandstone base appears to be in sound condition with minor surface erosion, biological growth and staining. The base retains two holes from where the headstone was attached with pins.

TREATMENT SUMMARY

A. Excavation/Fragment Recovery

1. Carefully excavate partially-buried marble headstone and sandstone base.
2. Cut back vegetation.

B. Cleaning

1. For removal of biological growth and general soiling, clean the marble headstone and sandstone base with D/2 Architectural Antimicrobial.
 - a. May require additional stone cleaning products (neutral pH) and multiple applications.
 - b. Clean water at low pressure (max 400 psi) and hand-pump sprayer.
 - c. Natural and nylon bristle brushes (varying stiffness and size).
 - d. Avoid dissolution or erosion of the stone.

▶ additional cleaning was carried out with a diluted solution of Kodak Photo-Flo 200.

2. Remove debris from pin holes.

C. Re-attachment and Repair

D. Reset and Level

1. Reset and level sandstone base upon a new compacted gravel foundation.
2. Reset and plumb marble headstone on sandstone base utilizing existing pin holes. Use threaded stainless steel rod set in grout and set headstone on a thin bed of lime-based mortar.

E. Site Preparation and Repair

1. ~~Place pea gravel around base~~

▶ the area around the base was raked and graded.

