

MARKER No. 10: LIBBIE BENNETT (d. 1869) wife of Charles Bennett

EXISTING CONDITIONS

- The marble headstone is in sound condition, however, it is experiencing biological growth and severe staining (marble headstone has a tenon for attachment to its base).
- The headstone is also experiencing surface erosion and the inscriptions are not clearly legible (due in part to the biological growth and staining).
- The marble headstone is detached from its original slotted sandstone base and is lying cantoned on the ground on what appears to be fragments from its original sandstone base.



Before (July 2009)



After (September 2009)

TREATMENT SUMMARY

A. Excavation/Fragment Recovery

1. Remove marble headstone to a safe location for cleaning.
2. Excavate buried sandstone base fragments.
 - ▶ located foreign sandstone base fragments.
 - ▶ located intact sandstone base.

B. Cleaning

1. For removal of biological growth and general soiling, clean the marble headstone and sandstone base fragments with D/2 Architectural Antimicrobial.
 - a. May require additional stone cleaning products (neutral) 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.

C. Re-attachment and Repair

1. Re-attach sandstone base fragments using two-part stone epoxy and threaded stainless steel rods where necessary.
 - ▶ a new slot (mortise) was cut into the found sandstone base.

D. Reset and Level

1. Reset and level repaired sandstone base upon compacted gravel.
2. Reset and plumb marble headstone into slotted sandstone base with a Type O mortar mix (~~use threaded stainless steel rods if necessary~~). Point surrounding joint with Type O mortar.

E. Site Preparation and Repair

- ~~1. Place pea gravel around base~~
 - ▶ the area around the base was raked and graded.