

MARKER No. 06: MARY BONNEL (d. 1861) wife of David Bonnel

EXISTING CONDITIONS

- The marble headstone is in good/fair condition, however, it is experiencing slight surface erosion and biological growth and staining.
- The marble headstone is no longer on its sandstone base and is partially buried in a horizontal position next to the base.
- The sandstone base is in good condition with slight discoloration and biological growth. The southeast corner has been damaged by mower. The original pin holes are evident and can be utilized.



Before (July 2009)



After (September 2009)

TREATMENT SUMMARY

- A. Excavation/Fragment Recovery
1. Carefully remove marble headstone from ground.
- B. Cleaning
1. For removal of biological growth and general soiling, the marble headstone and sandstone base are to be cleaned with D/2 Architectural Antimicrobial.
 - a. Clean water at low pressure (max 400 psi) and hand-pump sprayer.
 - b. Natural or nylon bristle brushes.
 - c. Remove debris from existing pin holes (both headstone and footstone).
 - d. Avoid dissolution or erosion of the stone.
 2. Remove debris from pin holes.
▶additional cleaning was carried out with a diluted solution of Kodak Photo-Flo 200.
- C. Re-attachment and Repair
- D. Reset and Level
1. Reset marble headstone upon exiting sandstone base with setting compound and threaded stainless steel pins.
 - a. The new stainless steel pins will be inserted in existing holes with lime-based grout.
▶the new stainless steel pins were set in marble headstone with two-part stone epoxy.
- E. Site Preparation and Repair
1. ~~Place pea gravel around base~~