

**MARKER No. 05: MARLIN PARSONS (d. 1850)**

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**EXISTING CONDITIONS**

- The marble headstone is in poor condition: it is broken in half with the lower portion partially buried.
- The marble is experiencing slight surface erosion and biological growth and staining, however, the inscriptions are legible.
- No visible evidence of a sandstone base.



*Before (July 2009)*



*After (September 2009)*

**TREATMENT SUMMARY**

**A. Excavation/Fragment Recovery**

1. Remove headstone fragments from ground.
2. Cut back vegetation.
3. Search for base.
  - ▶ located sandstone base fragments.

**B. Cleaning**

1. For removal of biological growth and general soiling, the marble headstone fragments (and sandstone base fragments) 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. Avoid dissolution or erosion of the stone.

**C. Re-attachment and Repair**

1. Re-attach two marble headstone fragments using two-part stone epoxy and threaded brass rods.
  - ▶ fragment re-attachment clamped in place for 12 hours.
2. Point and infill where necessary around attachment seam with custom mixed type O mortar (lime-based with marble dust).

- ▶ The recovered sandstone base fragments were re-attached with stainless steel rods and grout.
- ▶ the small area of delamination near the back edge was injected with a B-72 resin solution.

**D. Reset and Level**

1. Reset marble headstone in repaired and reset sandstone base.
  - ▶ the headstone was set into the base with a slurry of Type O mortar and the joint was pointed with Type O mortar.

**E. Site Preparation and Repair**

1. Place pea gravel around base

- ▶ the area around the base was raked and graded.