

Scope of Work
Jefferson Barracks National Cemetery
Remove and Replace Two Fire Hydrants
February 2018

Provide all labor, materials, tools, equipment, transportation and supervision to remove, procure and install 2 fire hydrants (and auxiliary valves/shut-off valves) at Jefferson Barracks National Cemetery. One hydrant is located near the Maintenance Building and the other is located near the Chapel. A pre-bid visit by the bidder is required to get an accurate measurement. The 2 existing American Foundry fire hydrants (and auxiliary valves) aren't operating properly and need to be replaced with Mueller brand hydrants (and auxiliary valves) that matches the other Mueller brand fire hydrants (FM 250 WP, AWWA-UL-FM, Mueller 5 1/4, 584N-Red) located elsewhere on the property. The Chapel hydrant is located adjacent to artificial turf and will need to be rolled back carefully outside of the construction excavation and re-rolled back to the condition prior to the work. Also assume a small amount of curb and gutter and pavement removal (saw-cut) and replacement will be required to access the tee. Concrete curb and gutter and pavement shall match the existing thickness and dimensions as the existing conditions. The measured depth to the top of the watermain at the auxiliary valve is 38" at the Chapel and 50" (add approx. 14" to proper grade) at the Maintenance Building with a concrete thrust block that needs to be removed and replaced (with concrete). Grading around the hydrant shall be level (at grade line mark on hydrant) and ready for sod or seed which will be provided by the cemetery staff. Work includes, but is not necessarily limited to: excavating and removing the hydrants, including the auxiliary valves, all the way back to the tee and disposing from cemetery property; coordinating the time to shut down the watermain and turn back on with the COR; installing, flushing and testing the new fire hydrants and auxiliary valves; provide proper aggregate bedding as well as a concrete thrust block for the new fire hydrant water line; provide a smooth, well compacted ground surface; roll and re-roll the artificial turf back to its existing condition; aggregate trench backfill under the pavement and curb and gutter; remove and replace concrete curb and gutter and asphalt pavement.

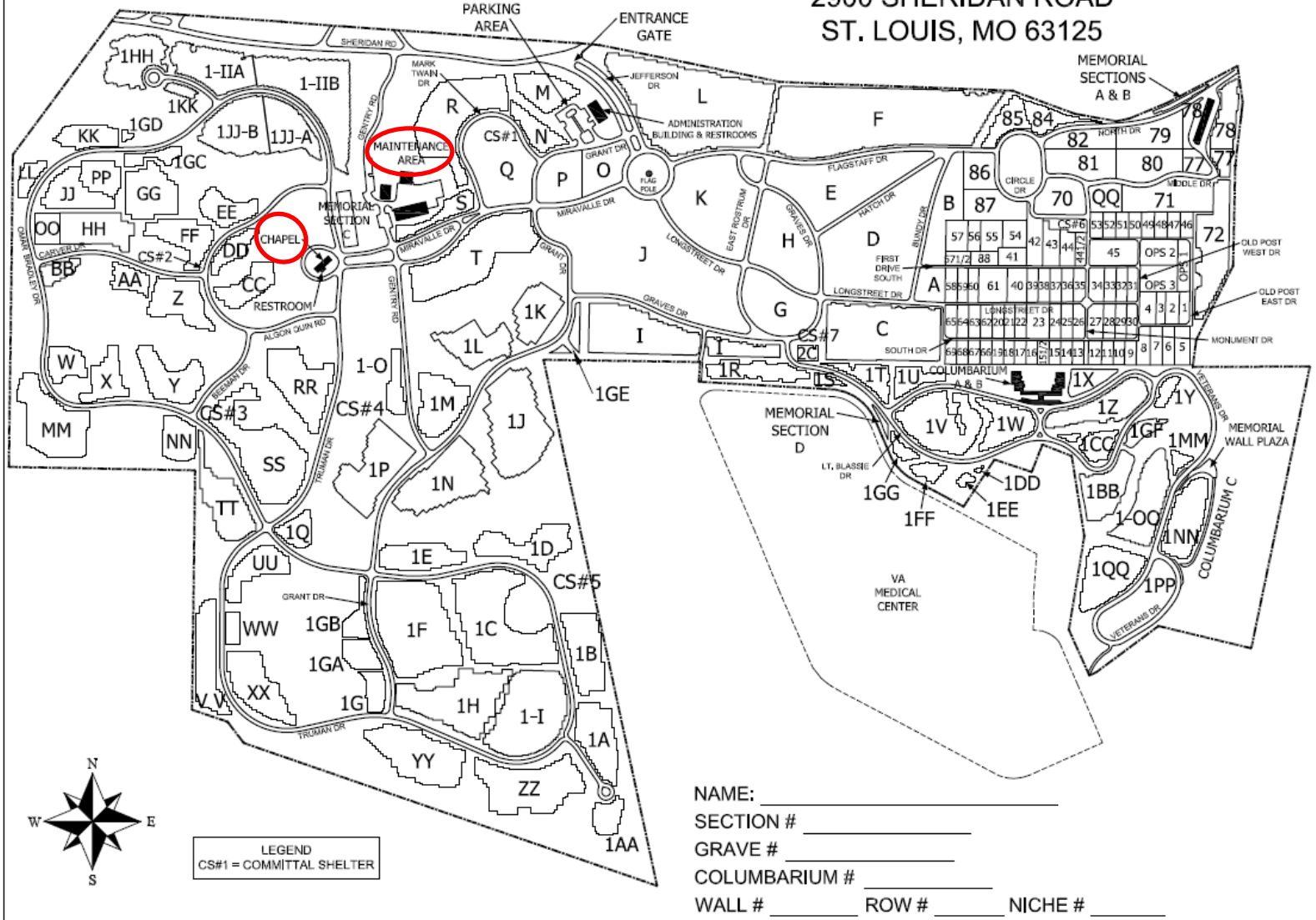
Work shall be performed by a full time professional with two or more years of experience in the respective trade. All work must be in accordance with applicable federal, state and local codes and regulations. The work includes site investigation to verify all measurements and site conditions before start of the work and the ordering of any materials. All work shall be performed in a professional workmanship like manner. All adjacent disturbed surfaces shall be repaired to the same quality standards of the existing work and shall also match the adjacent areas. Properly remove and dispose all debris from government property.

LOCATION MAP

JEFFERSON BARRACKS NATIONAL CEMETERY

2900 SHERIDAN ROAD

ST. LOUIS, MO 63125



PHOTOS



Existing Hydrant Near Chapel



Existing Hydrant Near Maintenance Building



Proposed Mueller Hydrant