

Project No. 909-16-104
Scope of Work
Fort Custer National Cemetery
Replace Maintenance Buildings Shingled Roof Areas
February 2016

Overview: This project is for roof construction improvements to the buildings at Fort Custer National Cemetery, Augusta, Michigan. The work includes the removal and replacement of the asphalt shingled roof on the large maintenance build and the two small buildings (pump house 2 and old flame building). Carefully preserve all roof penetration associated features and structures. Preserve all existing roof vents, and provide new flashing. The work includes site investigation to verify all measurements and site conditions before start of the work and the ordering of any materials. The work includes shop drawings and submittals to be approved for all materials to be used. 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. All work must be in accordance with applicable federal, state and local codes and regulations. A pre-bid visit by the bidder is required to get an accurate understanding of the work. All work shall be performed by a licensed full time professional with two or more years of experience in the respective trade.

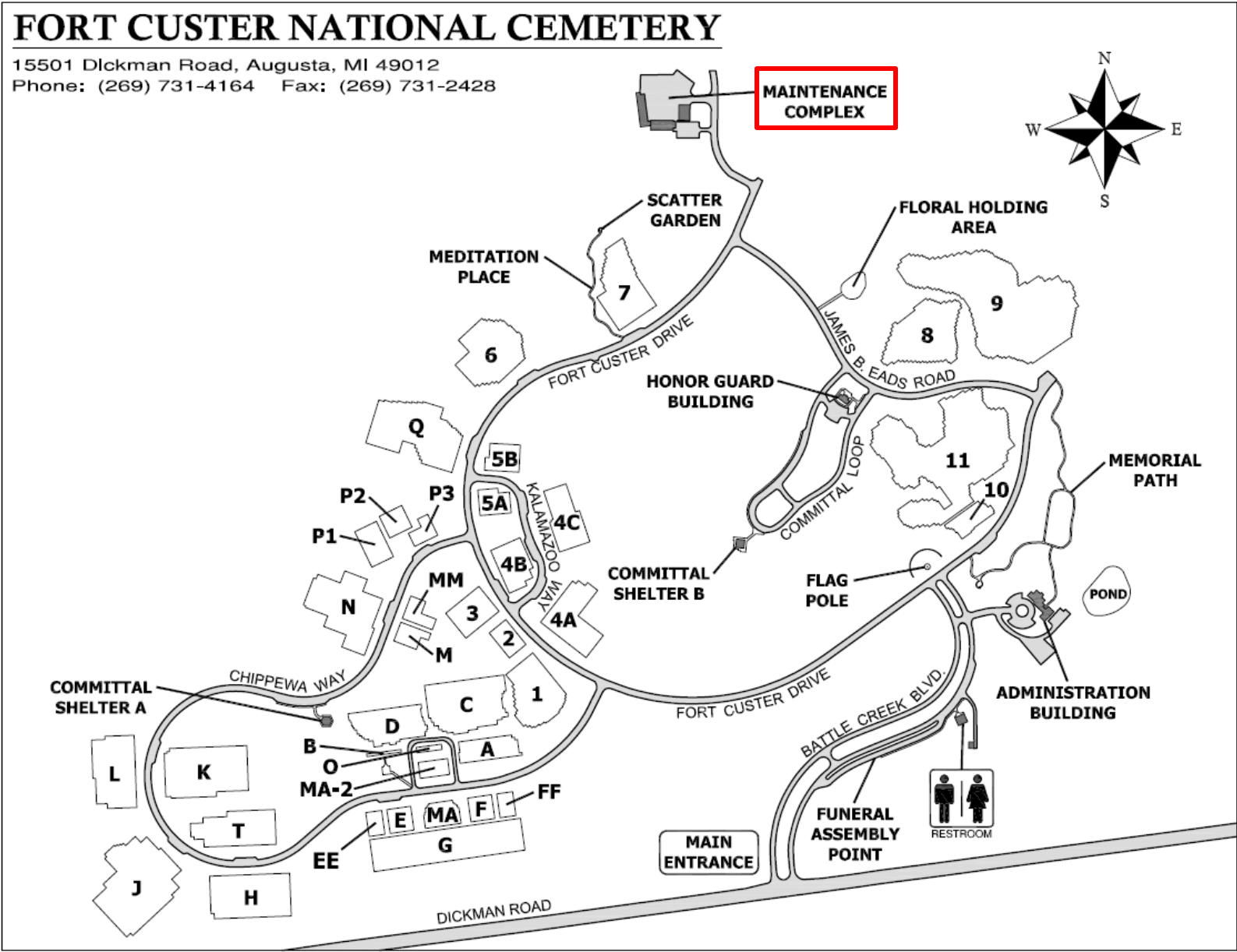
- 1) Completely remove all existing roofing system(s), metal flashing, trim, and other roofing components down to the original roof sheathing. Protect and retain all undamaged roof penetration fixtures. Damaged roof penetration fixtures shall be replaced with equal or better fixtures by the contractor. Contractor shall be responsible for any damaged roof penetrations and other non-roofing system components.
- 2) Survey and repair any damage roof sheathing with same or better material(s). Repairs shall be of same construction as existing and capable of accepting the installation of the new roofing system. Roof sheathing repairs shall be inspected and approved by the COR prior to proceeding with the remainder of the work.
- 3) Survey and repair and/or replace existing wood trim and/or roofing sheathing/structure and other components where roofing, base flashing, metal flashing, and trim is attached.
- 4) Remove obstructions and/or debris from roof surfaces designated for roofing system. Clean existing roof surfaces as required for new roofing warranty.
- 5) Provide new 30 year architectural shingles and 30 pound underlayment (felt) as well as new drip edge and ice and water shield around edge of roof, all to manufacture's recommendations.

- 6) Install the new roofing in accordance with the specifications and as modified to meet the manufacturer's standards and requirements whichever are the most restrictive.
- 7) Building will remain occupied during all roofing work, coordinate work with owner and provide temporary weather protection to keep interior of building completely dry as the roofing replacement work progresses.
- 8) Repair and reseal ALL existing roof penetrations.
- 9) Haul away and dump all debris and waste products to approved disposal site.
- 10) Approximate total roof areas: Large Maintenance Building – 7,370 square feet (4/12 Roof Pitch). Pump House 2 - 480 square feet (3/12 Roof Pitch). Old Flame Building – 145 square feet (3/12 Roof Pitch). Actual square footages of roof areas are to be verified by Contractor via site visit.
- 11) Thoroughly clean up the work area at the end of each day's work, and at completion of the project. Leave premises clean and free of waste, scrap, used equipment, or other material intentionally or incidentally delivered to the site by Contractor or Contractor's personnel.
- 12) Upon completion of work, roofing manufacturer's representative shall inspect the completed work and issue roofing warranty.
- 13) Map and Aerial picture follow:

Location Map

FORT CUSTER NATIONAL CEMETERY

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Aerial View

