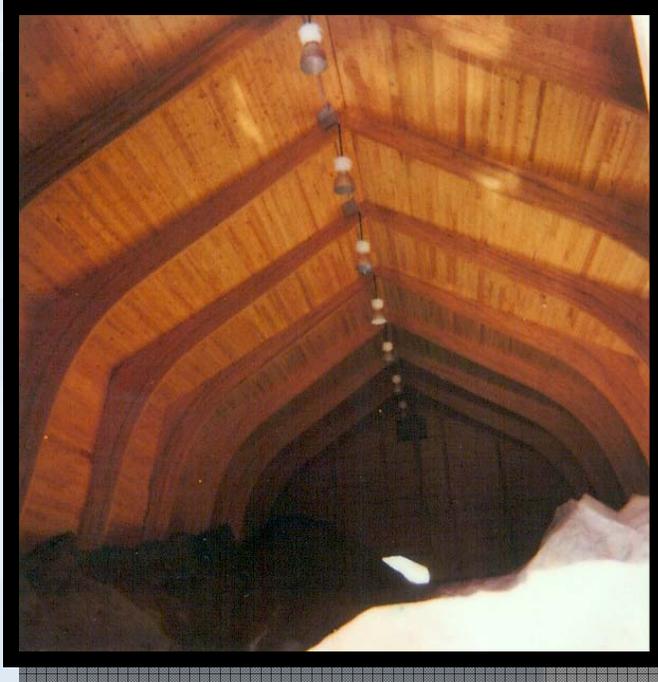


Mount Pleasant Salt Storage Facility



Design Data

Owner

Town of Mount Pleasant

Location

Mount Pleasant, New York

Total Project Cost

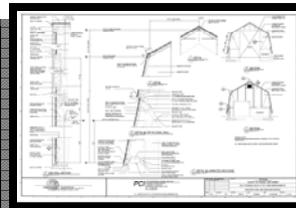
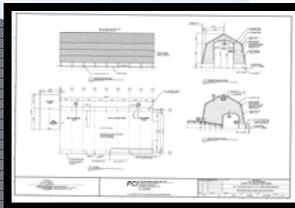
\$ 360,000.00

Project Features

- Laminated wood arches
- 8 foot high steel reinforced concrete walls
- Elevated Loader ramp

The Town of Mount Pleasant Department of Public Works previously stored sand and salt directly on the asphalt in the center of the DPW facility located on Columbus Avenue. Problems were realized as the contaminated runoff started getting into the Sewer System. A salt pile of the magnitude required to treat the streets for a typical winter season creates an extremely harsh environment for building components. The solution was the design and construction of a 4,500 sq. ft. laminate wood arch salt/sand storage facility on a high reinforced concrete base. The facility reduced contaminants from entering the sewer system. The concrete walls and bollard barriers provided protection from the large municipal vehicles frequenting the courtyard area and the laminated arch design provided a handsome look to an otherwise unattractive building type. The project was completed on time and on budget and is well regarded by the Department.

PCI staff employed Land Development Desktop software to prepared the structural drawings and site layout, cut and fill calculations, drainage design, and permit packages.



PCI
Professional Consulting, Inc.

Consulting Engineers