



Project Profile: Project: Engine House #1 Custom Doors

Historic Engine House #1, located in downtown Dubuque, Iowa was built during the mid-18th century.

The original construction included beautiful elliptical top doors for the Horses and Pump Wagons to fit through.



Back in the Day - Circa 1871



As you can see below - In the mid-1900's, the building's windows and doors were squared off and shrunk down for simplicity and cost.



A local bank purchased the property from the city. The project received several grants and historical tax credits. Adams Architectural Millwork Co. was chosen build the doors to its original charm and beauty.

During Construction the door openings were re-bricked to give the Elliptical Shape to the two large pair of doors and the Half Round Shape to the Transom.



The pictures below illustrate the fabrication process of the doors for Engine House #1. All the doors were made from Mahogany with a Pine Engineered Stave Core fabricated in the shop.





The large doors were built 13'-6" tall and made 3-1/2" thick.



The Architect of the project requested that the muntin bars to be Simulated Divided Lites using insulated glass. You can see that we ordered the glass with spacer bars in the glass to give the Tru-Divided Lite look. You can also see the machining that we performed on the door for the commercial

grade concealed closers.



Exterior Views of the Round House Museum





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