

# **Roundhouse Renewable Energy**

## **Grading, Erosion and Sedimentation Control Plans**

**June 2006**

Roundhouse Renewable Energy is a renewable energy power project, generating electricity from regionally available biomass. Located on a Brownfield site that was former railroad maintenance property in the City of Oneonta, Otsego County, the project will include a stoker-fired boiler system with advanced emission controls, including an advanced oxides of nitrogen and carbon monoxide reduction system, high-efficiency electrostatic precipitator, advanced water treatment system with waste water recycling, wood chip (fuel) receiving and storage area.

In accordance with good engineering practice, the City of Oneonta's Planning Commission review requirements, and the New York State Department of Environmental Conservation, Roundhouse will be developing a final grading plan and erosion and sediment controls plans in association with detailed engineering design upon receiving comments from City of Oneonta officials, selection of the Engineering, Procurement, and Construction (EPC) contractor, and the successful conclusion of the NYSERDA renewable energy credit auction process.

A Storm Water Pollution Prevention Plan (SWPPP) will also be developed and submitted by Roundhouse to the New York Department of Environmental Conservation to further ensure protection of nearby water courses and bodies.

### **Guidelines**

Structural erosion and sediment control, both temporary and permanent, will be designed and constructed utilizing *New York Standards and Specifications For Erosion and Sediment Control* as developed by the NYS Department of Transportation and included herein.