

# Hazardous Waste Storage Building Design

U.S. Naval Subbase

HRP Associates, Inc. prepared design of site plans and specifications for a 13,400 square foot hazardous waste storage building. HRP initially performed T-2 topographic survey and geotechnical investigations of the site. This structure includes the following: separate storage bays for incompatible wastes; positive and negative air ventilation systems; explosion proof electrical systems; explosion panels for areas containing ignitable/reactive wastes; leak detection/containment systems; computerized monitoring of key mechanical systems and a fire protection system which includes water, foam and CO<sub>2</sub> suppression systems. The project also includes the extension of water, sanitary sewer, electrical, gas, telephone and storm sewer systems to service the site. This project was completed on a very tight schedule due to its inception late in the fiscal year.

This project also included preparation of a Part B permit application for this site. This application included detailed descriptions on waste characterization, storage and handling of hazardous wastes, record keeping procedures, and explanation of safety systems on site used to prevent/contain any release from impacting human health or the environment. HRP performed shop drawings, submittal review, change order review, and on-call consulting as part of PCAS tasks for the project.

HRP continued its service to this project long after completion of its design and contract with the Navy. HRP provided follow-up visits to the site and technical advice to the base to optimize systems within the building.

## FIRM

HRP Associates, Inc.  
197 Scott Swamp Road  
Farmington, CT 06032  
(860) 674-9570

## VALUE

\$2,400,000

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