



PROJECT PROFILE:

LIQUID PROCESSING FACILITY

A CRITICAL BUSINESS ISSUE

A waste disposal company needed to construct a non-hazardous liquid process facility to satisfy a disposal need of its customers in the food business simultaneous to the development of new environmental requirements.

THE DILEMMA

Develop a building that meets process requirements while addressing site constraints within budget and in time to meet the customers needs.

RAFFIN CONTRIBUTING TO THE DESIGN

A team approach was utilized with the owner, the engineering/architectural firm, and Raffin as the general contractor. The facility was to be built on a land fill where fill material was removed and replaced by compacted clay. These soil conditions and the loads involved with the liquid process tanks prompted Raffin to recommend a mat.



SUCCESSFUL FINISH

A 200' x 110' process building, 40' tall with 8' deep concrete unloading pits, concrete berths for direct delivery from tank trucks to process tanks and a pump room was constructed. On the exterior concrete pits were constructed to receive liquids which did not require process inside the building. In spite of lengthy delays in the permit process and environmental reviews, the final construction costs were kept within Raffin's budget.