

# Polaroid Corporation

New Bedford, Massachusetts

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## Client

Polaroid Corporation manufactures and markets instant photographic camera and film systems for worldwide distribution. The New Bedford facility consists of over 500,000-square-feet of manufacturing and warehousing space and employs several hundred personnel.

## Problem Statement

The chemical division had to construct a new five-story production facility and needed to be able to deliver chemicals to the different floors. The objective of the project was to design and implement a storage and handling system that would deliver and store pallets of chemical drums.

## Scope-Of-Work

Tompkins Associates engineered a five-phased master plan project for Polaroid's chemical storage operations. The five phases were:

- Phase I: Data collection and concept development
- Phase II: Concept selection and evaluation
- Phase III: Preliminary engineering and final report
- Phase IV: Detail design and bid specification
- Phase V: Implementation

Tompkins performed the following activities:

- Determined Polaroid's operational, storage, and throughput requirements
- Designed and evaluated various storage and material handling alternatives
- Developed bid specifications for AS/RS and automatic identification equipment
- Assisted Polaroid in proposal review, supplier evaluation, negotiation, and placement of contracts for AS/RS and automatic identification equipment
- Developed implementation schedule and coordinated AS/RS installation
- Developed detailed plan for procurement and installation of AS/RS
- Managed installation of the AS/RS equipment
- Developed standard operating procedures for the AS/RS system
- Audited installed AS/RS operating criteria