

Associated Builders and Contractors (ABC)
Excellence in Craftsmanship Award Winner

Transitions Optical

Pinellas Park, FL

"We scheduled our start-up of production to begin in 90 days. Simmons and all their vendors rose to the challenge and agreed to the short window. Not only did they complete their task on time but they beat the schedule by 15 days!"

Richard C. Elas
President
Transitions Optical



Project Summary

- Client
Transitions Optical
- Location
Pinellas Park, FL
- Project Size
155,750 Square Feet
- Building Systems
Sophisticated Mechanical and Electrical Systems
Major Power Upgrades
Redundant Power Systems
Chilled Water System
- Building Features
Corporate Offices
Laboratories
Class 100 Clean Rooms
10 Mega Watts of Power
Material Handling System

Project Highlights

This project required the renovation of a pre-existing shell building into state-of-the-art manufacturing facility, R&D center and corporate headquarters. It had to be completed in just 90 days to meet an urgent market demand. This facility includes six Class 100 clean rooms, reverse osmosis water purification plant, material handling system, mezzanines, complete mechanical and electrical systems, and offices. A full scale research and development laboratory was also constructed where hazardous chemicals were used.

Mezzanines were constructed to support the 1,500 tons of mechanical equipment in the clean rooms. Major power upgrades were added to accommodate the increase in electrical service required by the production equipment, and a chilled water HVAC system was installed. The building requires 10 megawatts of power on a daily basis for the manufacturing process.

