

# Pharmaceutical Genzyme Science Building & Central Utility Building Framingham, MA

**Client**  
Genzyme Corporation

**Value**  
US\$105,000,000

**Completion**  
2007

**Assignment**  
Construction Management



Bovis Lend Lease LMB is managing the construction of a new 188,000 square foot Science Center and a 27,000 square foot Central Utility Plant.

The six-story science building will house laboratories, offices, conference rooms, kitchen and dining area for approximately 400 employees, 300 of whom will be scientists.

The structure's zinc metal panel façade system is the largest zinc metal project in the United States.

A six-level atrium goes through the mechanical penthouse via two light wells connected to rooftop skylights; four, two-level conference rooms are located around the perimeter of the atrium.

The project is being constructed according to LEED (Leadership in Energy and Environmental Design) Green Building Rating System® Certification — Silver Level specifications; features include:

- Exterior glazing increasing natural lighting,
- Operable windows,

- Interior curtain wall fins, which reflect daylight off the top surface transmitting light further into the building interior,
- Albedo Roofing System, a white membrane rubber material, which reflects the sun's rays, eliminating the heat island effect, and
- Recycling — the project team recycled 98% of the materials from two pre-existing buildings on site, qualifying the project for a LEED point.

The team has set a project goal to attain a 75% rate of recycled materials at project's end; the project team is currently recycling over 93% of the site waste materials.

Additionally, members of the project team can access the project's Prolog website to view current project data including submittals, requests for information, drawings, test reports, project photographs, schedules, etc. and link to the web cam, eliminating paper use.

The project team has also implemented the use of Personal Digital Assistants (PDAs) to capture, track and organize data in the field, expediting a process, which previously took up to two-to-three days.