



AGI

Abbie Gregg, Inc.

LBNL Molecular Foundry

Project Name:

- Lawrence Berkeley National Laboratories, Molecular Foundry

Project Location:

- Berkeley, California, USA

Architectural Firm of Record:

- Smith Group, Incorporated

Project Size:

- 4,592 sq. ft. Cleanroom
- 57,125 gross sq. ft. in Project

Construction Cost:

- \$85M

Project Status:

- Construction Completed 2006, Cleanroom Operational

Client Reference:

- Suzanne Napier, Architect, Smith Group, 415-365-3475
- Jim Krupnick, Project Director, LBNL, 510-486-6480

Project Features:

- Cleanroom for Nanotechnology Class 100-1000
- Multilevel Building, Imaging Space below Cleanroom
- State-of-the-Art 300mm E-Beam Litho, Soft Litho
- FIB, SEM
- Phased Buildout

Services Completed by AGI for Project:

- Layout, Including Phasing
- Utility Matrix
- Tool Research
- Cleanroom Design: Programming through Construction Documents
- Construction Administration
- Specialty Systems and Minienvironment Design
- HVAC Consulting
- EMI and Acoustical Noise Studies and Consulting
- HPM / Chemical and Gas Analysis and Recommendations
- 3D Architectural Rendering of Cleanroom

Building Uses:

- User facility for the design, synthesis and characterization of nanoscale materials.

Key AGI Personnel Project:

- Abbie Gregg, Cleanroom Consultant
- Craig Rossrucker, Cleanroom Consultant
- Mark Winter, Cleanroom Consultant
- Andrew Paschall, Mechanical PE, Construction Administration



Molecular Foundry Building



Cleanroom Construction



Cleanroom Construction, Photo Bay