

Government

Energy Efficiency Research Laboratory, 2005

Department of Energy
Oak Ridge National Laboratory, UT-Battelle
Oak Ridge, Tennessee

Marilyn Brown, Director
865-576-8152

Services: Programming, Planning & Title 1
While with HarleyEllis
Cost: \$ 22 million
Size: 52,400 SF

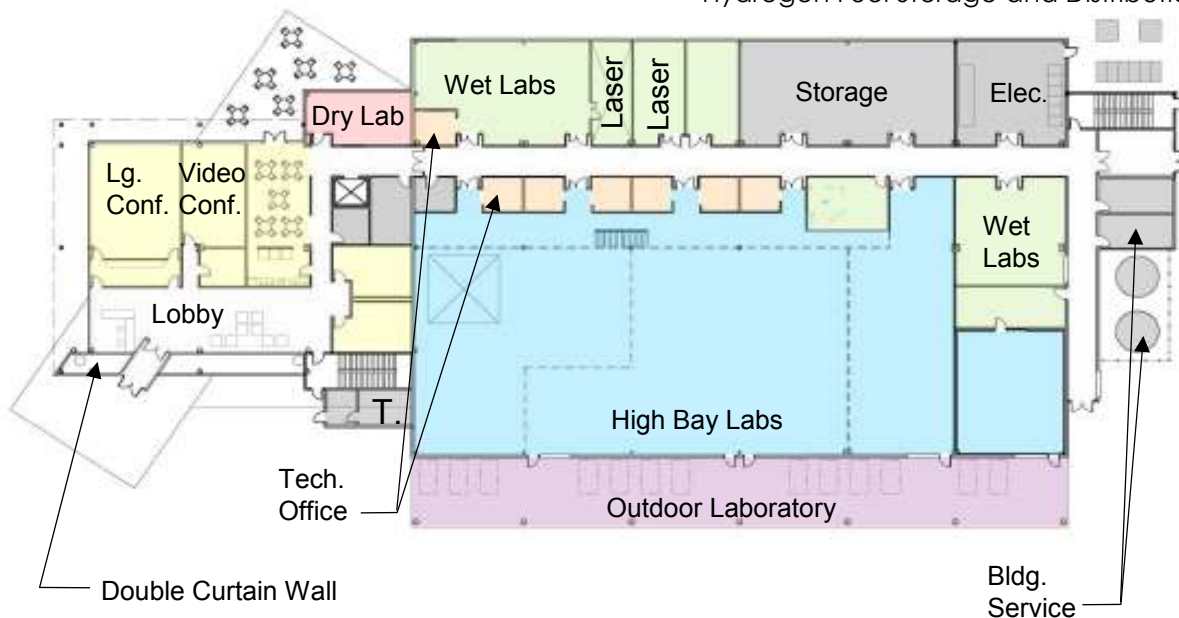


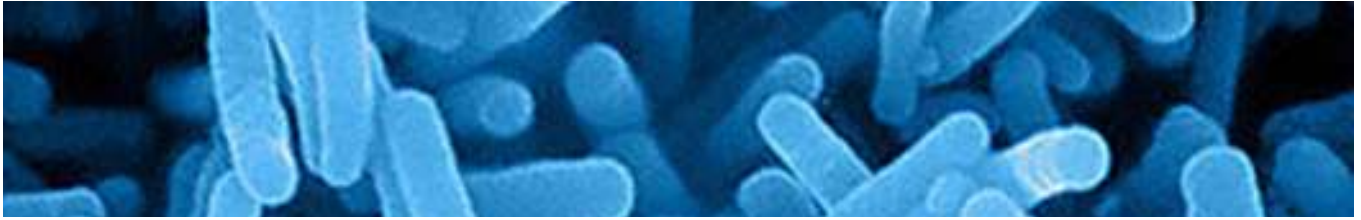
Description

The EERL will service as a demonstration center highlighting the latest technology and energy research for the Department of Energy. The project was designed to meet LEED silver criteria and was identified by the USGBC LEED for Labs committee as a Pilot Project Candidate.

Project Features

- High Temp. Supercondivity Lab
- HTS Deposition Lab
- HTS Characterization Lab
- HTS Heat Treatment Lab
- Transmission Performance Testing
- Power Sensors Lab
- High Voltage and Aging Labs
- Dielectric Materials Lab
- Laser Laboratory
- Squid Magnetometer
- Building Technology Center
- Photovoltaic, Fuel Cell & Microturbine Testing
- CHP and Heat Recovery Testing
- Chemistry and Fuels
- Hydrogen Fuel Storage and Distribution

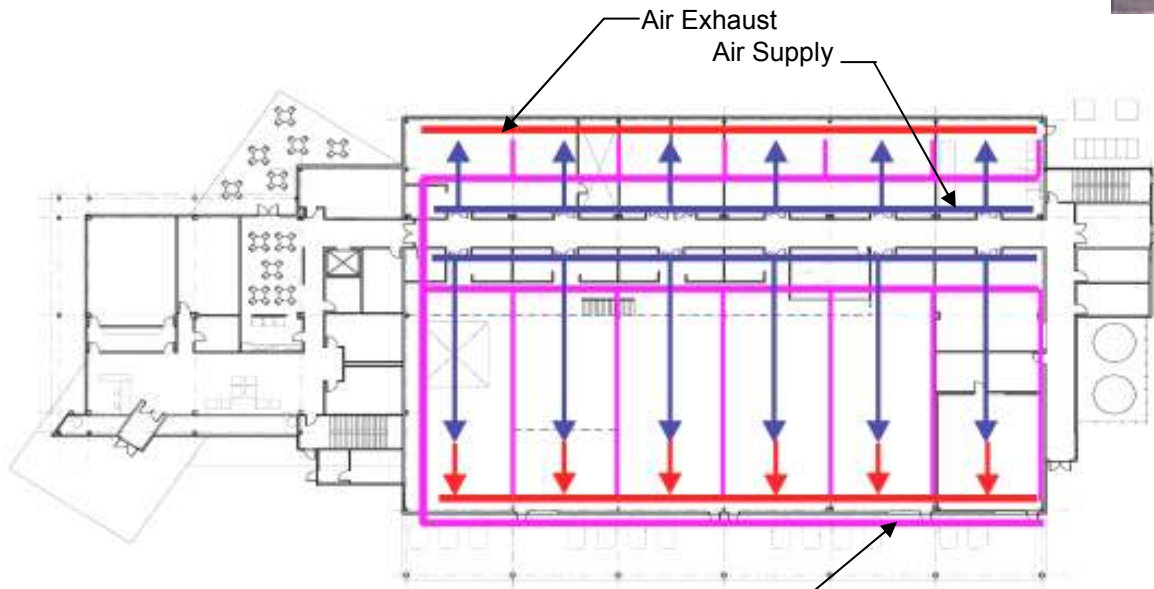




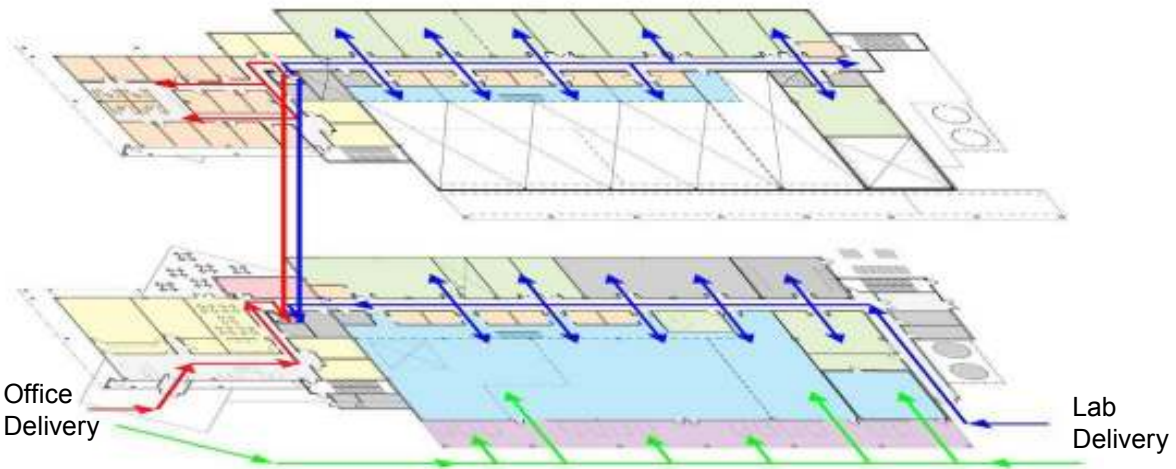
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System Distribution Concept



Material and Personnel Circulation

Large Lab Equipment