The University of New Mexico
College of Education

New Mexico’s FIRST
Publicly Funded
LEED Platinum Building!

U.S. Green Building Council
Leadership in Energy and Environmental Design

GREGORY T. HICKS AND ASSOCIATES, P.C.

The Building Area:
Floor 1: 5,335 SQ FT
Floor 2: 7,844 SQ FT
Floor 3: 7,210 SQ FT
Penthouse: 2,029 SQ FT
Total: 26,100 SQ FT

Smart Classroom Design:
- Video screens
- Classroom design
- Multiple meeting spaces
- Video conferencing
- Multiple projection capabilities
- 100 GB bandwidth
- Hardware and software connection for every student

Sustainable Features:
- SITE
  - Close proximity to more than 10 basic services
  - Close proximity to public transit
  - Bicycle parking and showers for cyclists
  - No new parking
  - Habitats-friendly landscaping
  - Maintained open space through reduced footpads
  - Dry planted landscape for stormwater retention
  - Permeable pavers for stormwater filtration
  - Heat island reduction through low-stress roofing and paving
  - Light reduction through cut-off fixtures and reduced light spill
- WATER USE REDUCTION
  - Water conservation through native landscaping
  - Water conservation through efficient fixtures
- ENERGY & ATMOSPHERE
  - Energy conservation through increased insulation, low-UV roofing, high-performance glazing, sun control
  - Energy conservation through climate zoning and screening
  - Energy conservation through daylighting, rainwater harvesting, solar, and passive strategies
  - On-site renewable energy through 110kW photovoltaic system (16 panels @ 7kW)
  - Enhanced commissioning
    - Chiller/boiler/heat pump (CBHP) control, HVAC control
"Demineralized" water
- Measurement and verification through sensors and metered utility monitoring
- Green power through renewable energy certificates

Materials & Resources
- Recycled glass each floor
- Construction waste recycled during construction
- Use of recycled materials
- Use of regional materials
- Certified wood and finishes

Indoor Environmental Quality
- Probation of indoor space
- Indoor air quality control during construction
- Building flush out before occupancy
- Low VOC adhesives, paint, carpet, composite wood
- Indoor chemical and pollutant source control through cross-ventilation, exhaust air, paint, carpet, non-VOC
- Indoor ventilation through supply/return-air arrangement
- Control of indoor climate through increased areas (HVAC boxes) and humidity
- Thermal comfort through supply/return-air arrangement
- Improved comfort and lighting through controls
- Increased light levels