**Project Teams:**
- **Occupant:** University of South Florida
- **Owner’s Rep:** Ruyle, Masters, Hayes+Jennewein
- **Agency:** USF Facilities Planning & Construction
- **Architect:** HDR Architecture, Inc.
- **GC/CM:** Turner Construction
- **Structural:** HDR Engineering, Inc.
- **MEP/Landscape:** HDR Engineering, Inc.
- **Interior Design:** Elements

**Lighting/Electrical:**
- Fluorescent lighting used throughout
- Two main feed at 31 kV
- Two 4,000 kVA transformers feed
- 480/277 and 208/120 Panel boards

**Architecture:**
- **Cube:**
  - 60’ high atrium structure symbolizing knowledge

**Mechanical:**
- **Building:**
  - Chilled water provided by 2 air cooled chillers & pumps
  - Heating water provided by 2 gas fired boilers
  - Medium pressure steam for use in laboratories
  - 6 AHU total: 2 for each of labs, office, main
- **Cube:**
  - 1 AHU; fans vary to maintain duct static pressure

**Structural:**
- **Building:**
  - Concrete frame & one way Slab
  - Precast joist and soffit beams
  - Spread footings & flat mat slab foundation
  - 10” & 12” shear walls around elevators & stairs
- **Cube:**
  - Truss components made from structural tubes & pipes

**General Information:**
- **Occupant Type:** Office & Research Laboratories
- **Size:** 108,000 SF
- **Construction Cost:** $23,600,000
- **Construction Schedule:** Design-bid-build February 7, 2006 – July 9, 2007