Centers for Disease Control and Prevention
Edward R. Roybal Campus
Building 24

Atlanta, Georgia

Program: A 300,000 square foot office building to provide flexible research and administration space, supporting CDC's continuously evolving mission.

Sustainable Design Elements

SOLAR CONTROL -

- Aluminum and steel solar shades integrated into the curtainwall
- Interior Aluminum Light Shelf System coordinated with Radiant Low-E Clerestory Glazing
- Interior Glazing for Light Penetration into Offices
- High Reflectivity (Energy Star) Roofing
- Landscaping to achieve Shading on Site

BUILDING SERVICES -

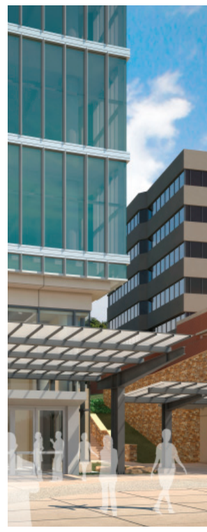
- Energy Recovery Unit
- District Chillers, Steam and Hot Water System
- Low mercury lighting initiative
- LED task lighting in furniture systems
- Occupancy Sensors for Spaces and Workstations
- Low-flow plumbing fixtures

INTERIOR ENVIRONMENTAL QUALITY -

- Low VOC materials throughout
- Recycled content for all interior assemblies (gypsum, steel, carpet, terrazzo)

Calculated Energy Star Metrics

- Energy Use Intensity: 81 kBTU/sf/yr
- Energy Savings compared to Average Building: 62,350,000 kBTU
- CO^2 Reduction: 71%
- CO^2 Savings compared to Average Building: 3680 Metric Tons CO^2
- Energy Star Design Rating: 100



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DESIGNED TO EARN THE ENERGY STAR

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.