



## Ridgehaven “Green Building” Office Project San Diego, CA



Owner:	City of San Diego, Environmental Services Department
Completion Date:	March 1996
Size:	73,000 ft <sup>2</sup> ; 3 stories
Architects:	Platt/Whitelaw Architects
Mechanical Engineers:	McParlane & Associates, Consulting Mechanical Engineers
HVAC System Description:	High efficiency water-source heat pump system with variable speed pumping, high efficiency variable speed cooling tower, demand controlled ventilation, and occupancy sensor controlled setpoints.
Taylor Engineering's Role:	Conceptual design and energy optimization of HVAC system, development and DOE-2 modeling of energy conservation measures, and HVAC and control system commissioning. Measured energy usage is 47% below the estimated level of consumption for a comparable California Title 24 energy code compliant building. This was one of the early “green building” projects.
References:	McParlane: Mitch Hart (619-277-9721) USGBC: David A. Gottfried (415-957-5800) Flack & Kurtz: Clark Bisel (415-398-3833)