

Whitney Center

Hamden, CT

Project Information

- Square Footage: 185,000 sf
- Living Units: 200 Units

Consulting

- Facility Conditions Assessment and Long Term Renewal Strategy
- Energy simulation of existing systems and upgrades
- Worked with electric utility to obtain incentive funding for energy efficient and “green” technologies

Design Engineering

- Replacement of 100% outdoor air central corridor ventilation units with energy efficient air-conditioning, energy recovery units (ERVs), and digital controls to achieve more than \$89,000 per year savings.
- Due to excessive corrosion of surrounding equipment and unwanted occupant exposure, **ICDS** relocated the indoor pool acid and chlorine chemical feed system to an isolated/ventilated storage room with secondary containment around transfer piping.
- Upgraded existing hot water system to a primary/secondary system for improved performance and equipment life as well as dramatically reduced operational cost.
- Replacement of outdated heating and air conditioning system for the 6th floor commons area with high efficiency variable-air-volume (VAV) air-conditioning, hot water boilers, and digital controls.

Whitney Center is a not-for-profit assisted and independent living facility that has been serving seniors since 1979. The Center is located in historic Hamden, Connecticut, encompassing some 15 acres near the west side of Lake Whitney. The center has one of the oldest geothermal heat pump heating and cooling systems still in operation.

ICDS has provided numerous services to the Whitney Center including existing facility assessment, design engineering, and design-build engineering services. Our services have focused on providing truly energy efficient “green” solutions to ensure reduce operational costs to the center while being steward of their surrounding rural and suburban Connecticut environment.



ICDS

Innovative Construction & Design Solutions, LLC

419A Whitfield Street
Guilford, CT 06437
P: (203) 453-8596
F: (203) 453-7012
info@icdsllc.com