

PROJECTS



ENERGY AIR, INC.
Nobody Works Harder

ORLANDO VA MEDICAL CENTER PARKING GARAGES & WAREHOUSE



PROJECT SPECS:

- **Project Scope:** Complete the HVAC scope of work for the VA Warehouse Building and Parking Garages; constructed according to LEED Silver design standards. These structures - diverse, flowing and ever-changing - serve as the foundation of the support group that will serve the entire VA Complex throughout its life span.
- **Schedule:** October 2009 to July 2011
- **Size:** Two 8-story Parking Garages and One Warehouse Building.
- **Systems:** Hot water, Chilled water, High – Medium – Low pressure steam systems.
- **Installed Mechanical Value:** Approximately \$1.5 million
- **General Contractor:** Brasfield & Gorrie

Parking Garage

We have installed critical A/C units for the elevator and electrical equipment rooms in two Parking Garages that are 8 floors tall each. They will access the main hospital from many floors and will serve as parking for the entire main hospital complex.

Warehouse

The Warehouse Building was designed to service the entire V.A. complex and was the first building to be commissioned in the VA Lake Nona Complex, running with temporary chillers and boilers while the main Central Energy Plant was commissioned. The Warehouse will first serve as the central hub for all critical tasks coming on line to support the main hospital building such as HR, administration staff as well as other related office staff functions. There are many other departments that will call the warehouse home while servicing the entire complex, such as engineering, general and specialty maintenance staff, medical storage, general parts storage, chemical and oxygen storage, electrical, mechanical, plumbing, controls, woodworking and metal shops.

Energy Air has been commissioned to install an array of systems to support a complete HVAC system to serve the departments' various integrated sub systems to include; furnish stainless steel and galvanized square, round, oval single and double-wall ductwork, complete chilled water, hot water and steam piping systems to include domestic hot water heat exchangers, high and medium pressure steam stations, AHU's, FCU's, BCU's, a paint booth and cart wash machine as well as specialty items such as chemical storage rooms and loading dock air curtains. We are providing a complete controls package that will align itself with the entire VA Complex when complete. The controls installed will monitor the entire warehouse and its functions for the maintenance staff to review, monitor and perform service to all mechanical equipment as well as other disciplines such as sump pumps, water flow meters, air flow meters and electrical usage monitoring.

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