

PROJECTS



WYNDHAM GRAND ORLANDO RESORT



PROJECT SPECS:

- **Project Scope:** Complete the installation of complete HVAC system at a new, 13-story hotel in Orlando.
- **Systems:** (2) 500-ton Trane air-cooled chillers, 10 kitchen hoods, 3 stainless steel duct-welded dishwasher hoods, 2 steam rooms in the spa area, 46, 13-story, welded steel, Victaulic steel and ProPress chilled water risers, 502 fan coil units, 15 rooftop units, 3 air handlers, 200 Duro Dyne cable operated dampers – a new product on the market, 7 different kinds of duct including fiberglass, spiral, lined sheet metal, double wall, welded stainless and welded galvanized grease duct.
- **Installed Mechanical Value:** Approximately \$7 million
- **General Contractor:** WELBRO Building Corp.

A little history of the project...

In 2008, after completing approximately 45% of our HVAC scope of work, this 13-story building comprising 425 suites was shut down due to the economic environment. With existing timeshare buildings surrounding the new hotel project, the owner elected to complete the exterior so as not to leave an eyesore for neighboring guests. The job was kicked off again in October 2010 and was completed in September 2011. We were faced with many challenges when the job was turned back on. There was no buck hoist or elevator, so our team was forced to carry all material up the stairs. The steel pipe for the chilled water was carried from the sixth to the 13th floor. The ductwork was hand-toted from the ninth to the 13th floor. We were forced to install all ductwork and insulation by working around the previously installed framing. Our team worked together exceptionally to overcome these and many other challenges throughout the course of this project.



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