

PROJECT SIZE

8,400 Square Feet

EST. CONSTRUCTION COSTS

\$25 Million

COMPLETION DATE

2009

CLIENT

Kenyon & Partners, Inc.
3203 Queen Palm Drive
Tampa, Florida 33619

OWNER

University of South Florida
4202 E. Fowler Ave
Tampa, FL 33620

PROJECT DESCRIPTION

BillerReinhart Structural Group, Inc. performed structural design and prepared construction documents (drawings and specifications) for a chiller plant adjacent to the Sun Dome located on the University of South Florida campus. The plant consists of a 70'x120' concrete/CMU building with interior structural steel columns built into the berm adjacent to the "Corral" of the Sun Dome. The building roof framing consists of structural steel beams and girders. The new building houses the chillers and associated piping and mechanical equipment. The cooling towers are supported on elevated structural steel platforms located on the new building's roof structure. Additionally, elevated service catwalks and platforms surround the roof level cooling towers. A screen wall approximately 30 feet above the building roof is constructed on top of the building.

