



TAYLOR
ENGINEERING

Sonoma State University Central Plant Master Plan

Rohnert Park, CA

Project Type

Master Plan

Size

1,000,000

Services Provided

Master plan analysis and recommendations.

Completion Date

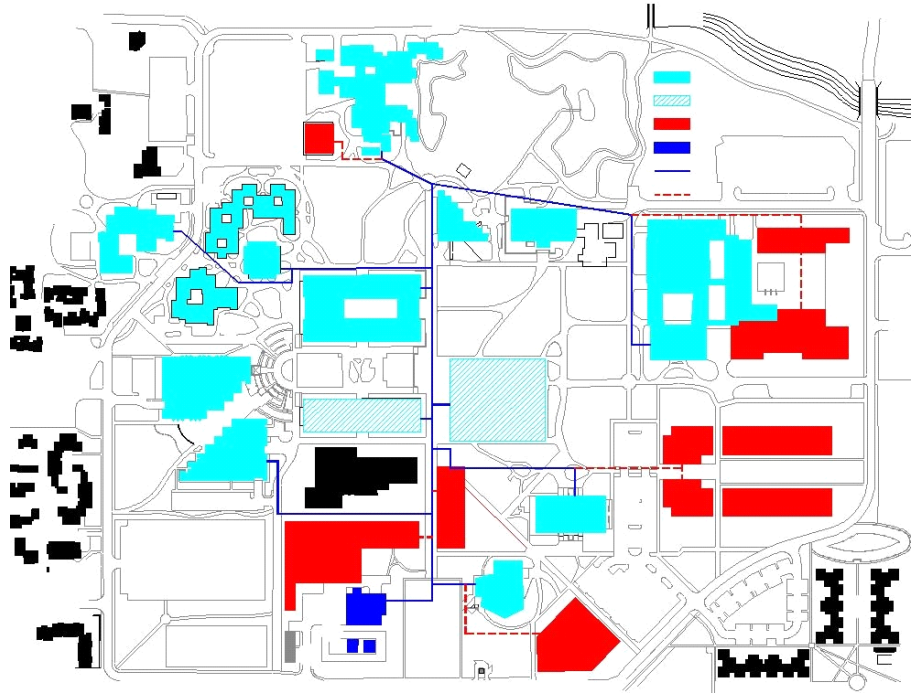
2011

Contractors

N/A

References

Sonoma State: Craig Dawson



Taylor Engineering's contribution to Sonoma State University involves the production of a 30 year master plan for phased modifications and expansions of existing central chiller and boiler plants. These plants serve the 1,000,000 sqft university campus.

For this project Taylor Engineering worked to provide better energy efficiency by giving detailed analysis and recommendations in order to resolve numerous operational and capacity problems. Chilled water recommendations proposed the reconfiguration of building bridge connections and chilled water piping to allow the chillers and thermal storage tank to simultaneously serve campus loads, effectively doubling the plant capacity. Hot water recommendations included adding pony condensing boilers, removal of heat exchangers at building connections, and new control sequences.