



Federal Correctional Facility

New Plumbing & HVAC Construction

Contract Value: \$6.7 Million

Project Description: S. P. McCarl & Company, Inc. performed the mechanical construction for a new federal correctional facility, which is a minimum security prison constructed for the Federal Bureau of Prisons. The project consisted of four single story 325 bed male dormitory buildings with a capacity of 1300 persons. Additional project components included one administration building, one 125 bed/64-cell segregation building, and one single story training center for security personnel. The facility also included a support building consisting of the dining hall, interior recreation and classrooms, and two exterior courts and recreation yards.

The scope of work included both the plumbing and the HVAC including equipment such as boilers, heat exchangers, air separators, expansion tanks, gas unit heaters, air handling units, roof top units, and a snow melt system. The plumbing scope included approximately 750 fixtures. Between the plumbing and the HVAC there was close to 100,000 feet of piping fabricated and installed by S. P. McCarl & Company, Inc. Our work scope included the installation of all the mechanical systems on the project including ductwork, HVAC piping, plumbing, and the setting of many pieces of large equipment.

Technical Challenge: The project included multiple buildings on a 40 acre campus which required multiple and isolated work crews working at the same time due to the very aggressive schedule. The project was turned over to the end user ahead of schedule. This required very close coordination of the field labor having very large crews working in multiple areas. It was very critical to make sure that all work was planned carefully. In spite of the fact that the job was on a very tight schedule with a very large mechanical system the systems were completed with excellent quality and on time with no recordable injuries.

