

Buckley Administration Buildings

Denver, Colorado

- Administration Building

This new 40,000 S.F. L-shaped administration building houses approximately 820 Space Group employees. MNA's civil department was responsible for preparation of grading, utility, storm drainage plans and paving plans. The facility features a radial parking lot and a central landscaped courtyard.



- Security Police Building

MNA provided structural engineering services for the design of a 2,400 S.F. one-story addition to the Security Police Building.

- Building 801

This project involved repair and replacement of a fire suppression system for the jet-maintenance hangar consisting of both an underwing Aqueous Film Forming Foam (AFFF) and deluge system. The maintenance hangar—the largest building at Buckley ANG Base—was constructed in the early 1950's and is currently used to service F-16 jet aircraft. The capacity of the internal floor drains limited the interception rate at each floor drain. The contaminated runoff was collected and conveyed to an underground storage tank. Remote electric actuator valves would close the existing connection to both the sanitary and downstream storm sewer systems. The AFFF discharge would bypass the oil/water separator to the 30,000-gallon underground tank to provide storage requirements for the fire nozzle discharge. A diverter valve allowing discharge to the tank would only be actuated with the building alarms and AFFF system to prevent the uncontrolled release of AFFF solution into the downstream systems.

* Dennis Thompson was the principal in charge for this projects while at another firm.

