



PDC INC. ENGINEERS

Transforming Challenges into Solutions



Fort Wainwright Ammunition Surveillance Facility

This facility was designed to provide housing for lay-down storage, assembly, and maintenance of explosive ordnance for the U.S. Army. PDC was the primary design firm in this design-build contract, responsible for civil, structural, mechanical, electrical, and fire protection services.

Complete site investigation, site preparation, power (a 2,000-foot-long overhead primary) and communication extensions, water well, water storage and treatment system, wastewater and wastewater treatment system, exterior lighting and catenary lightning protection systems were required to support the facility. Due to the nature of the functions performed in and around this area, dual electric fire pumps were installed to provide fire sprinkler protection throughout the building. Special provisions were incorporated into architectural, structural, fire protection, mechanical and electrical material selection, systems arrangements and installation methods.

Client:
U.S. Army



Location:
Fort Wainwright, Alaska

Project Completion:
2001

- PDC Involvement:**
- Civil Engineering
 - Structural Engineering
 - Mechanical Engineering
 - Electrical Engineering
 - Fire Protection
 - Design/Build Services

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