



NJ Department of Corrections NJDPMC Engineering Design

PROJECT INFORMATION

CONCORD DIVISION

Commercial

PROJECT LOCATION

Various, NJ

MARKET

Governmental

SERVICES

Engineering Design
Construction
Administration

CONSTRUCTION COST

\$3 Million

ABOUT THE CLIENT

NJ Department of Correction (NJDOC) is responsible for operations and management of prison facilities in the state of New Jersey. The department operates 13 major institutions - seven adult male correctional facilities, three youth facilities, and one facility for sex offenders, one women's correctional institution and a central reception/intake unit - and a Stabilization and Reintegration Program. The department is headquartered in Trenton.

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PROJECT SUMMARY

Concord Engineering provided engineering, design and construction administration services to the NJDOC for replacement of rooftop HVAC equipment on two housing buildings at East Jersey State Prison and one housing building at Wagner Youth Correctional Facility. Work included replacement of all air handling units (AHUs), exhaust fans, smoke purge supply & exhaust fans, ductwork, piping and controls. All work was in conjunction with a roof replacement project in an occupied facility. New equipment mounting points (roof curbs, supports, etc.) were designed to accommodate new roofing work to minimize downtime. Smoke purge system controls were upgraded to UUKL standards for interface with future fire alarm system upgrades.