



Collin County Adult Detention Center

McKinney, Texas

This project consists of the addition of a 288 bed jail divided into four pods with the holding cells constructed from pre-manufactured cells. The pods have direct supervision with a day room and outdoor exercise area for each. The central area of the cluster facility contains a control room, program room and barbershop area, medical exam/treatment and visitation (including video visitation).

The mechanical design consists of variable volume air handling units with a smoke removal system for each pod. The central area of the cluster has a constant volume air-handling unit. The plumbing system consisted of sanitary waste, storm drain, domestic cold and hot water, and natural gas systems. The electrical design includes lighting, power distribution, branch circuit wiring, fire alarm systems, and an emergency system with a diesel powered emergency generator to power the entire facility.



PROJECT DETAILS

PROJECT TYPE:	County: Adult Detention Facility		
PROJECT COST:	\$17.3 Million		
SIZE:	71,266 sf / 288 beds		
CONSTRUCTION TYPE:	New Construction (Addition to Existing)		
COMPLETION:	August 2007		
PROJECT FEATURES:	Control Room	Exercise Facility	Program Room
	Visitation Area	Barber Shop	Medical/Treatment Facility