



FIRE STATION NO. 6

This fire station is located on a 2.9 acre site at the corner of Ga. Hwy. 124 and Johnson Drive in Centerville. To the rear of the site is a developed residential area. This busy intersection was being improved by Georgia DOT concurrent with the development of the fire station.

The 2-bay station is a company-level facility positioned to service fire needs in the local community. It is one of a prototype family of Gwinnett County Fire Stations, very similar to Fire Station No. 23, previously designed by LPB. Site circulation requirements included integrating the anticipated fire vehicle access points to the site. With sloping terrain, special care was taken to isolate the fire station from the adjacent residential neighborhood; by incorporating wide, undisturbed buffers. Twenty-five parking spaces are provided for the Fire Department staff and visitors to the station. A fenced storm detention pond is also on the site.

The company facility includes a Day Room, Dining Area with Kitchen and a private patio, toilets and showers, a Fitness Room, and a bunk area with eleven private cubicles.

The structure for the building includes a slab-on-grade with 8" thickened floors sloped to trench drains in the Apparatus Room. The super structure is a conventional steel structure with a bar joist roof system. All partition walls in the building are painted concrete block, with a complete exterior brick veneer and standing-seam metal roof.

Mechanical systems are provided through four split-system, fan coil units, with gas-fired furnaces and ground-mounted compressor units. The Apparatus Room is heated with ceiling hung gas-fired furnaces and ventilated with an interlocked supply/intake fan system. A sanitary sewer has been extended to an on-site septic tank waste system with a drain field. The power systems of the building are supported by a standby electrical generator, to allow the station to operate continuously during extended power outages. Radio communication links are provided throughout the building for connection to the County's 911 service and for general alarms at the interior and exterior of the building. ■

architecture

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engineering

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interiors

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CENTERVILLE, GA

Owner: Gwinnett County

Acreage: 2.9

Construction Cost: \$1,209,000

GSF: 8,648

Cost/SF: \$139.35

Construction Start: Fall 1999

Construction Time: 9 Months

Architect/Engineering/Interior Design

Lindsay ♦ Pope ♦ Brayfield & Assoc., Inc.

Buck Lindsay and Tom Owens

Greg Brayfield and Jerry Sumrell

Vanessa Burt

770-963-8989

Civil Engineering

McFarland-Dyer & Associates, Inc.

Jeffrey Dyer

770-935-6550

Mechanical Engineering:

Entropy

Gary Richardson

770-346-9661

General Contractor

Bon Building Services, Inc.

770-482-1000

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Photo and Rendering

