



FIRE STATION NO. 8

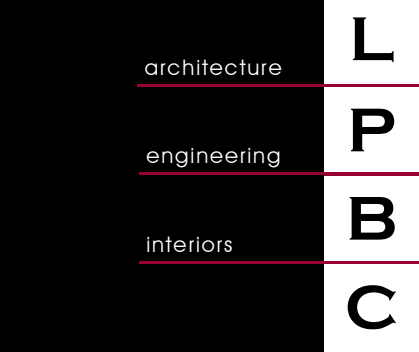
This fire station is located on a 2.9 site at the corner of Ga. Hwy. 20 and Herring Road in Grayson. To the rear of the site is developed residential area. The existing station located on the same site was demolished to make room for improvements by Georgia DOT at Hwy. 20.

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 Stations No. 5, No. 6 & No. 23, recently designed by LPB. Site circulation requirements included integrating the anticipated fire vehicle access points to the site. With sloping terrain, special care was also taken to isolate the fire station from the adjacent residential neighborhood. by incorporating wide, undisturbed buffers. Twenty-five parking spaces have been provided for Fire Department Staff and visitors to the station. A fenced storm detention pond has been provided.

The company facility includes a Day Room, Dining Area with Kitchen and 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 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 asphalt shingle 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. Sanitary sewer has been extended to an on-site septic tank waste system with 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 communications 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

engineering

interiors

GRAYSON, GA

Owner: Gwinnett County

Acreage: 2.9

Construction Cost: \$1,878,000

GSF: 8,648

Cost/SF: 217.16

Construction Start: August 2006

Construction Time: 9 Months

Architect/Engineering/Interior Design

Lindsay ♦ Pope ♦ Brayfield & Assoc., Inc.

Buck Lindsay and Mike Clifford

Greg Brayfield and Gene Gabrell

Vanessa Burt

770-963-8989

Civil Engineering

McFarland-Dyer & Associates, Inc.

Jeff Dyer

770-932-6550



MUNICIPAL