



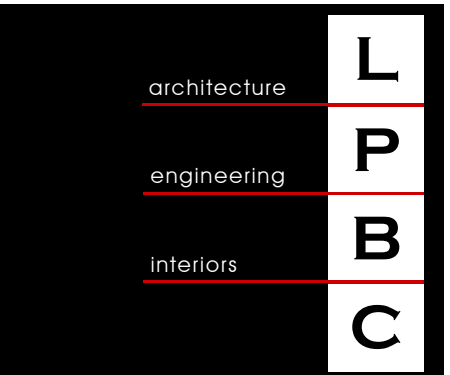
ATHENS FIRE STATION NO. 9

This fire station is located on Danielsville Highway in North Athens. The task was to design a station that first met the needs of the Fire Department but also met the requirements of the Green Building Councils LEED Requirements for a "Certified" building. This required the updating of the previously built prototype design for both of these needs. The building is designed in a traditional style. Exterior materials include two brick colors, cast stone, standing seam metal roof, metal roof tiles and operable aluminum windows. Parking is provided for 28 vehicles and storm water is collected in an open detention pond.

The interior program includes a community meeting room, day room, dining area, kitchen, toilets, showers, fitness room, offices, bunk area, apparatus bay, shop, gear room, laundry and cascade facility. The structure is a steel frame with a combination of CMU and gypsum board on metal stud walls. The roof is a combination of flat and sloped surfaces with wood sheathing supporting on both wood trusses and metal trusses. Roof materials are standing seam at sloped areas and EPDM at the flat roofs.

Mechanical systems consist of split system fan coil units with gas fired heaters and ground mounted compressors. The apparatus bay and gear areas are heated with ceiling hung gas fired furnaces and the bay is ventilated with an interlocked supply/intake fan system. The bay also has an exhaust ventilation system where exhaust hoses are connected directly to the vehicle exhaust and detach when the trucks pull out of the bay. Power systems are supported by a natural gas standby electric generator. Communication, traffic signals and power systems are connected and controlled by the MOSCAD system that allows vital station functions to be controlled from the departments central control facility. The intersections complicated signal system was updated.

The excellent team work between the Owner, General Contractor and the Design Team allowed us to accumulate enough points to achieve LEED Silver.



ATHENS, GA

Owner: Athens-Clarke County

Acreage: 2.69

Construction Cost: 2.72 Million

GSF: 12,056

Cost/SF: \$225.00

Construction Start: August 2006

Construction Time: 12 Months

