

City of Columbia Fire Station No. 9

Columbia, Missouri

Situated on the Northwest corner of North Providence Road and Blueridge road in Columbia. Fire Station No. 9, scheduled for completion in October 2009, will become the HAZMAT station in the City's complement and has the following amenities:

- Total of 7,891 square feet
- 3 bay drive through apparatus
- Living Room
- Firefighter Bunk Room
- Men and Women Bath Facilities
- Officer Quarters
- Dining Room
- Laundry Room
- Exercise Room
- Watch Room
- Kitchen
- Patio
- Police Sub-Station Office
- Building is protected by an automatic fire sprinkler system
- Kitchen range is protected by an automatic fire suppression system

The structure will be constructed primarily of wood framing with structural steel support for the apparatus bays. The exterior is designed in keeping with the residential style and scale of the neighborhood. Exterior materials used include fiber cement siding of two different colors and styles and brick veneer wainscoting. The roof



will be covered using architectural shingles . Exterior lighting will be low level with cutoffs preventing spill over property lines.

The project is currently registered as a LEED Silver rated project as regulated by the United States Green Building Council (USGBC).

LEED® Design Elements:

- Use of FSC certified lumber for the project.
- Recycling of construction waste
- Use of low VOC sealants and paints
- Recycled content products for flooring
- Recycled content products for siding
- Recycled brick veneer
- The site will include innovative methods of collecting and cleaning storm water runoff created by the development on the site including a rain garden and bio-swale.

Site specific design issues include:

- With a residential development to the north landscaping will be situated to screen the station from its residential neighbors.
- The site will require a significant amount of excavation in order provide for proper slope tolerances required for the movement and parking of fire trucks.
- Entry to and exit from the site by Fire Department vehicles will be from/to Blueridge Road. Entry into the employee/public parking lot will be from North Providence Road. This arrangement separates the critical traffic for department vehicles from the public lot.
- Existing underground storm water and sanitary sewer piping on the site will be relocated with this project.

