

# FIRE CHIEF

EVERY DEPARTMENT, EVERY LEADER

STATIONSTYLE  
DESIGN  
AWARDS  
2012

Disasters highlight the need  
for dependent care

Save green by going green

Acronym helps firefighters  
remember structure-fire dangers



## Germantown Fire House 4

GERMANTOWN, TENNESSEE

### Project Goals:

1] Demolish an existing 50-year-old, 4,000-square-foot firehouse due to inadequacies in living spatial requirements, apparatus spatial requirements, seismic compliance, inefficient mechanical and electrical systems and storage.

2] Protect existing cell tower to maintain uninterrupted operation during the demolition and construction process.

3] Design prototype state-of-the-art firehouse, fire training and city conference facility to achieve LEED-certified rating and include the following functions:

- Designed to complement a neighborhood with a mix of residential, commercial and retail
- Three-lane, drive-through apparatus bay with a capacity of five apparatus
- Automatic-release carbon-monoxide vehicle exhaust system
- Eight individual sleeping rooms with future expansion for two additional sleeping rooms
- Bathrooms shared by every two sleeping rooms
- Kitchen and dining area with three refrigerators, one for each shift
- Lieutenant's office adjacent to sleeping room
- Exercise area adjacent to sleeping rooms
- Firefighter pole
- Training/conference center for 50 people
- Breakroom for conference center
- Storage for training equipment
- Training lieutenant's office
- Backup 911 response center
- Police office and toilet
- Concrete paving at all locations

The facility achieved a LEED Gold rating.



### RENAISSANCE GROUP

DESIGN TEAM: Michael Terry, RA, AIA, Architect of Record, Ron Colin, NCARB, AIA, LEED AP, Project Manager, and Wesley Woolridge, PE, Civil Engineering, Renaissance Group; Walter Blalack, PE, LEED AP, Mechanical Engineering, Kyle Maxwell, PE, Structural Engineering, Robbie Hopkins, PE, Electrical/Data Engineering, and Alan Otts, PE, Plumbing/Fire Protection Engineering, Smith Seckman Reid; Jeff Gatlin, PE, LEED AP, LEED Coordinator, Thompson Engineering; Jay Vaughn, CET, LEED AP, Construction Project Manager, and John Dennis, Construction Superintendent, Belz Construction Services

FIRE CHIEF: John Selberg

PROJECT AREA: 14,496 sq. ft.

TOTAL COST: \$3.15 million

COST PER SQUARE FOOT: \$218

COMPLETION DATE: December 2011

