Engine Company 102 Firehouse

7340 N. Clark Street

FACT SHEET

- New one-story facility built to accommodate 16 firefighters and four officers.
- 15,000-square-foot facility built using solid masonry with an exterior brick veneer, burnished block interior (for ease of cleaning and maintenance) and terrazzo flooring incorporating traditional Chicago Fire Department colors.
- Sleeping quarters for 16 firefighters.
- Four separate officers' quarters, each featuring a bed, restroom and office space.
- Circular driveway designed to allow easy maneuvering of all possible fire units–Ambulance, Fire Truck and Fire Engine.
- Apparatus Bay, equipped with three doors to the north and three to the south, allows for the storage of a variety of units with maximum flexibility.
- The facility is completely wired with fiber optics cable as well as copper wiring.
- The fiber optic technology combines both voice and data, sending it at a higher speed and bandwidth for faster messages and dispatching. The fiber optic cabling also provides redundancy and safety.
- The kitchen features stainless steel, state-of-the-art appliances, with a commercial grade stove, a pantry, an ice maker and a dining area.
- The Training Room features seating, desks and equipment for training.
- The Watch Tower, featuring cutting edge communications technology, is where the company commander receives calls and dispatches vehicles.
- Four enclosed Hose Drying units are located in the Apparatus Bay and allow the hoses to be kept in top condition.
- The Exercise Room contains a treadmill, a stair climber, a stationary bicycle and weight training equipment.
- The locker rooms, one for men and one for women, both have oversized lockers suitable for a firefighter's equipment.
- One room is designated for communications equipment, with multiple racks allowing for easy access to, maintenance of and expansion of the station's communications equipment.
- Building designed to meet U.S. Green Building Council standards for "Silver" certification under LEED (Leadership in Energy and Environmental Design). Environmentally-friendly features of the building include:
  - Building constructed using a thermally efficient design to save energy, with recycled material contributing to the structure.
  - Ten roof-mounted solar panels used to preheat domestic hot water, reducing demand on outside energy sources.
  - Heat bloom (heat island effect) around the building limited through the installation of green and reflective roof surface and light-colored concrete.
  - Water efficiency enhanced through the use of low-flow fixtures. (dual flush toilets)
  - Use of permeable concrete in alley allows water to pass through it, keeping rain water from sewer system.
  - Exemplary performance in using regionally manufactured materials in the building.
- Exterior compactor area
- Chiller room
- Natural gas-powered emergency generator
- Vehicle exhaust system at Apparatus Bay
- Parking facility with 22 spaces for fire department employees

- **General Contractor:** *Burling Builders*
- **Architect of Record:** *Fox & Fox*
- **Construction Cost:** *$8.7 million*