

Al-Farooq Masjid

Atlanta, Georgia



Client Al-Farooq Masjid of Atlanta
Atlanta, Georgia
404.874.7521

Scope Design/Build Services

Contract Value \$9,735,000

Contract Duration Dec 2003 to August 2008

Engineering Design Technologies, Inc. (EDT) in conjunction with EDT Constructors, Inc. (EDTC) performed Design/Build services for development of the Al-Farooq Masjid (Mosque) and adjacent Parking Deck. The mosque complex includes a 50,000 SF building and a 211 space 3-story parking deck. The project included renovating an existing two-story school building to act as a temporary prayer center; demolition of the existing mosque building; construction of the parking deck; construction of the basement level of the mosque; and finally construction of the two-story mosque over top of the functioning basement level. EDT performed architecture, civil, structural and MEP engineering design for the project.

Existing School Renovation - The renovation occurred in the basement of the building and included adding wash facilities and a prayer room to the existing two-story building.

Parking Deck - The multi-level parking deck was designed using pre-cast concrete structure and cast-in-place columns. The deck incorporates access from two levels (at different grades) and is designed to extend to two additional levels in the future. Features included deck lighting and exhaust fans.

Mosque Building - The Masjid building included design and construction of the basement first. The basement includes two large multi-purpose rooms; a computer lab; administrative offices; washroom; restrooms; and a kitchen. The main level of the mosque includes the entryway; main prayer hall; washroom; shoe rack area; restrooms and offices for Imam and others. The 2nd floor level includes the women's prayer hall; library; washroom; and restrooms. The building was designed with state-of-the-art Audio/Visual systems; extensive custom woodwork and doors; hand paintings; and decorative glass throughout the building. The mechanical equipment was designed to keep all spaces comfortable, but extremely quiet. The electrical design included specialized lighting imported from overseas and modified to adapt to the NEC and US Standards for power supply.