

FIRE STATION

Town of Wellfleet, MA

The Wellfleet Fire & Rescue Station provides services for the Town of Wellfleet's public safety needs. The \$6 million facility was constructed on time and on budget and meets "green" building initiatives for sustainable design, including a number of energy efficient design features such as super-insulated building envelope and glazing; extensive use of natural light; solar panels for domestic hot water; radiant floor heating in the apparatus garage slabs; and future facility accommodation for photo-voltaic roof array and geothermal heating. Structurally, the building was designed with a structural steel moment resisting frame and wind bracing to resist 120 mph hurricane force wind criteria. Development of the building site required public water supply hook-up to an existing Town-owned well, parking layout, and stormwater drainage design. Special consideration was made in the design to protect groundwater and surface water resources from potential problems from disposal of storm run-off and vehicle wash water from the site.

SERVICES

- Structural engineering design
- Preparation of civil site plans, including grading, stormwater drainage, sewage disposal system and parking areas
- Public water supply development
- Bidding, construction layout, inspections and oversight for controlled construction

