



TOWN OF SOUTHBOROUGH FIRE DEPARTMENT



SITE PLAN REVIEW

DATE: September 15, 2023
TO: Karen Quinn
FROM: Captain Christian Dano
RE: 250 Turnpike Road, Southborough MA 01772

ACCESS:

1. All turns, access, and cul-de-sacs shall be designed to accommodate the vehicles to the American Association of State Highway and Transportation Officials (AASHTO) BUS-45 design standard.
2. All drainage, culverts, septic system components, underground utilities and chambers shall be designed to AASHTO H-20 AND HS-20 weight loading standards.
3. Access roads and streets require 20' unobstructed width. (NFPA 1, Ch 18)
4. Access along all streets and driveways shall meet a minimum height clearance of 15' to allow for proper ingress/egress of fire apparatus and emergency vehicles.

ACCESS GATES:

N/A

ADDRESS:

250 Turnpike Road

BUILDING NUMBERING:

Every building in the commonwealth, including, but not limited to, dwellings, apartment buildings, condominiums, and business establishments shall have affixed thereto a number representing the address of such building. Said number shall be of a nature and size and shall be situated on the building so that, to the extent practicable, it is visible from the nearest street or road providing vehicular access to such building (Massachusetts General Laws c. 148 § 59). If, by placing the number on the house, the number is not easily read from the street, then the number must be placed on a stake or similar structure near the street at the edge of the driveway leading to the house (Code of the Town of Southborough § 124-2). (NFPA 1141 Ch 7)

DRIVEWAYS:

N/A.

FIRE HYDRANTS:

Fire hydrants shall be located at least 18 inches into the grass plot from the curb or gutter line. The maximum distance to a fire hydrant from the closest point on any building shall not exceed 600 ft. and the maximum distance between fire hydrants shall not exceed 500 ft. (Town Code 244-17).

FIRE DEPARTMENT SPRINKLER CONNECTIONS:

Must be reviewed and agreed upon location

FIRE SPRINKLERS:

Must be reviewed and agreed upon location

FIRE LANES [527 CMR 10.03 (10)] :

Clearly marked

PARKING:

N/A

PERMITS:

Standard plan review prior to the issuance of a building permit, as well as smoke detector, carbon monoxide, oil burner and/or propane inspections will be required prior to the issuance of a final occupancy permit.

RESPONSE TIMES FOR FIRE, MEDICAL, AND OTHER EMERGENCIES:

The proposed structures are well within the Department's response goal to emergency incidents of 10 minutes or less 90% of the time.

WATER SUPPLY:

Adequate tests shall be performed by the proponent and submitted to the Town to ensure that the required water fire flow exists in accordance with ISO and NFPA requirements. Tests should be conducted in peak demand times if at all possible.

OTHER COMMENTS:

N/A