

# West Windsor Township Fire & Emergency Services

## Memorandum

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**DATE:** November 5, 2022  
**TO:** Chairman, West Windsor Planning Board  
**FROM:** Chief Timothy M. Lynch  
**REGARDING:** PB 20-08, Penn's Neck Plaza

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### OVERVIEW

Application seeks the redevelopment of property along Route 1 Northbound at the intersections of Fisher Place and Washington Road. Proposed development would include a gas station with convenience store, two drive-through restaurants, and an urgent care facility.

### ACCESS

- Emergency vehicle access appears adequate to the site.
  - Proposed one-way access from Mather avenue would satisfy the West Windsor Municipal Code requirements for emergency vehicle access requirements for Mather Ave.
- Applicant has provided a comprehensive drawing that appears to show compliance with the turning requirements of Township fire apparatus.
- All areas not designated as approved parking should be designated as fire lane. Applicant has done so by clearly labeling driveways as fire lane.

### WATER SUPPLY FOR FIRE PROTECTION

- Ensure fire hydrant location and supply meets with Township Fire Prevention Ordinance, Chapter 89, F-10004.2
  - F-10004.2 Fire hydrant local standard: Following are the minimum standards for the installation and placement of public or private fire hydrants:
    - (c) Hydrants in business, commercial and industrial zones shall be spaced with a hydrant at each intersection and one every 500 feet along the roadway(s) as a minimum requirement.
- Applicant should provide a drawing identifying proposed hydrant locations throughout the site.
- A fire hydrant should be located within 100' of the Fire Department Connection on any applicable building.

### MISCELLANEOUS



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- A lock box to allow immediate access by the Fire Department shall be installed next to the sprinkler closet.
- The position of the fire department connection that supports the fire sprinkler system shall be at the front of the building. (or wherever deemed most appropriate based on site layout)



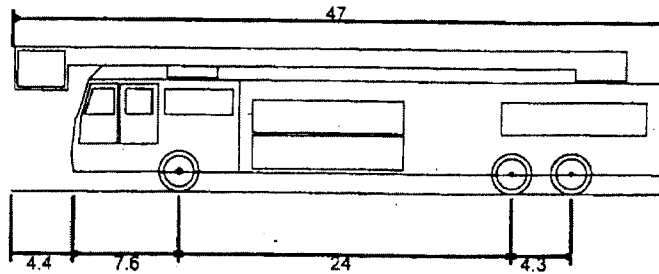
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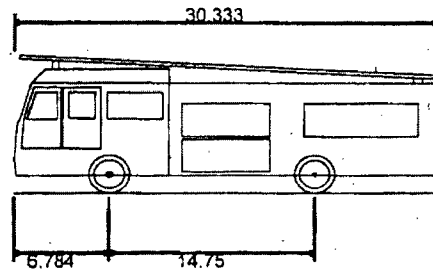
## Fire Apparatus Dimensions for Turning Radii

The illustrations below of West Windsor Township fire apparatus may be used for determining the needed turning radii required for access to proposed applications for land development.



### AERIAL 100' LADDER

Overall Length	47.000ft
Overall Width	8.333ft
Overall Body Height	10.000ft
Min Body Ground Clearance	1.393ft
Track Width	8.333ft
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	36.250ft



### PUMPER

Overall Length	30.333ft
Overall Width	8.333ft
Overall Body Height	10.000ft
Min Body Ground Clearance	1.393ft
Track Width	8.333ft
Lock-to-lock time	6.00s
Max Wheel Angle	45.00°



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