



City of
Burnaby

City of Burnaby Fire Department
604-294-7195
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EMERGENCY VEHICLE ACCESS DESIGN REQUIREMENTS

- Part 3 building
- Part 9 building

Building requiring to face:

- **1 street:** Building face having the principal entrance (min. Between 3m and 15m - from building face to road edge)
- **2 streets:** 50% of building perimeter including principal entrance face
- **3 streets:** 75% of building perimeter including principal entrance face

Ladder deployment obstructions between the fire truck and the building to be considered.

Examples of obstructions include:

- Trees
- Telephone poles and lamp standards
- Overhead wires
- Roof overhangs max 700
- Climbing angle for ladders

Access Route Design

- Have a centre line radius not less than 13 m (42 ft. 6")
- Have an overhead clearance not less than 5 m (16 ft. 4")
- Have a change of gradient not more than 1 in 12.5 over a min. distance of 15 m
- Be designed to support 36,364 kg (80,000 lbs.) Gvw surfaced with concrete, asphalt or other material designed to permit accessibility under all climatic conditions and be maintained snow and ice free and perimeter defined
- Have turnaround facilities for any dead-end portion of the access route more than 90 m long
- Be connected with a public thoroughfare
- BFD required width 7.3m (24 ft.)
- Signage - fire truck access lanes to be posted
- Fire lane - no parking and outline marked if required

*See Burnaby Fire Department Fire Truck Access Plan Requirements or contact the Fire Prevention Division @ 604-294-7195.