



Fire-Rescue Guide

Preliminary Plan Review:

Port Moody Fire Rescue requires the following information to be submitted on one drawing:

- New and existing hydrant(s)
- Distance between hydrant(s) and fire department connections
- All entrances and exits from underground parking area
- Location(s) of fire alarm annunciator panel(s) and FDC
- Fire truck access route with weight considerations
- Immediate road(s) surrounding property

Construction Fire Safety Plan

- Prior to the commencement of construction/demolition operations, a construction fire safety plan shall be prepared for the site
- Reviewed and updated with phases of construction
- CFSP contractor should contact the Fire Prevention Office prior to development
- Shipping container use must be specified
- Port Moody Fire Rescue performs **weekly inspections** when the structure reaches the 3rd floor until the building sprinklers are active.
 - As per the fee's bylaw there is a \$100 fee per inspection, if any deficiencies are noted a follow-up inspection will be performed at an acceptable frequency for the level of hazard.

Design Criteria:

Access Route

Fire truck access roads must be as follows:

- Present weight factors of fire and rescue equipment requires fire truck access roads to be constructed to withstand a weight of 38,555 Kg (85,000 lbs), and construction material must ensure accessibility under all climatic conditions.
 - All fire department access routes must be rated for minimum force of 74 P.S.I
 - Any designated fire truck access must be a minimum of 6 meters (20 feet) wide with no obstructions (excludes any sidewalk)
 - An overhead clearance of not less than 5m
 - A minimum 12m centre turning radius
 - No-parking signs shall be posted maximum 30m apart and 2.3m above finished grade



Building Features

Fire Department Connection must be as follows:

- 4 inch locking Storz connection
- Located at the property line to the front (address side) of the property facing the street
- Angled down at a 30 degree angle
- Installed at a height of 1,000 mm (39 inches) above the landscaped ground level
- Hard surfaced pathway from the sidewalk to the FD connection
- Cap to have a chain or aircraft cable attached so that cap cannot be lost.

Radio Amplification:

- As required by [Bylaw No.2850](#)

Fire Safety Plan Box:

- To be installed beside annunciator panel
- [Knox](#) Cabinet 1302
 - *Agency: Port Moody Fire Rescue*

Fire Safety Plan:

- Detailed requirements: www.portmoody.ca/fsp
- To be submitted and approved before final occupancy inspection

Key Management:

- Required keys – See Fire Protection and Emergency Response Bylaw2835
- Lockbox to be ABLOY key deposit 2.5 inch opening, 5 inch depth
- Located adjacent to front entrance

Addressing and numbering

- Sequential numbering only
- No omitting numbers (e.g. 4, 13)

Access and Egress

- Delayed egress systems shall not be used

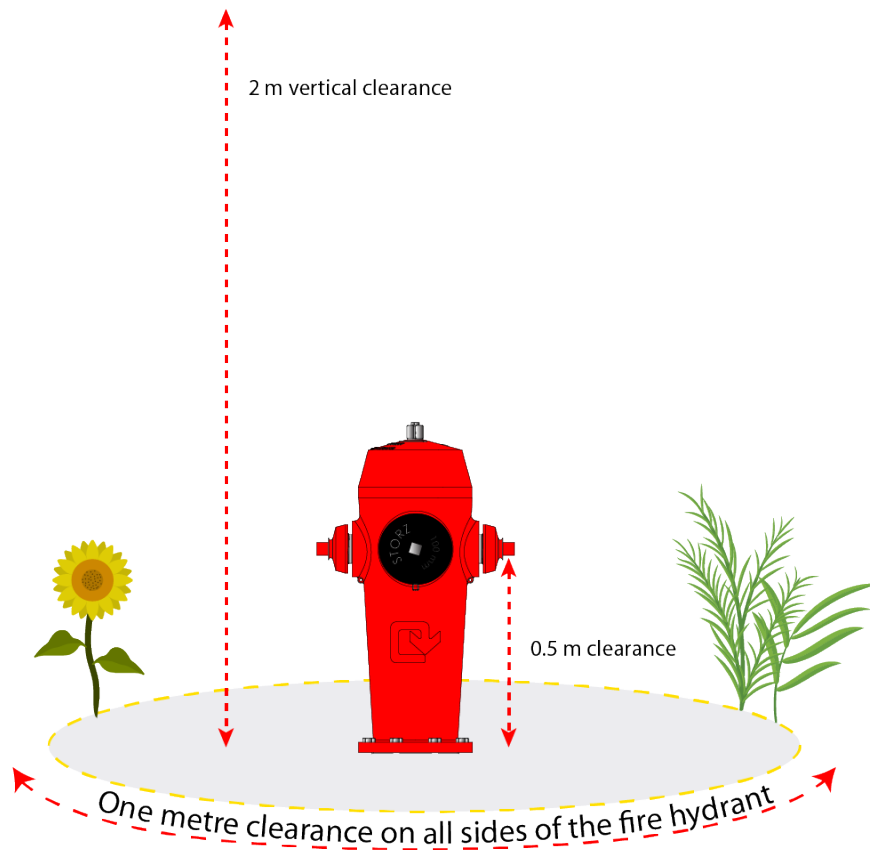
Parkade criteria

- Parkade numbering to be in sequential order
- No man doors in parkade gates; doors can be beside gate.
- Gates are to be numbered



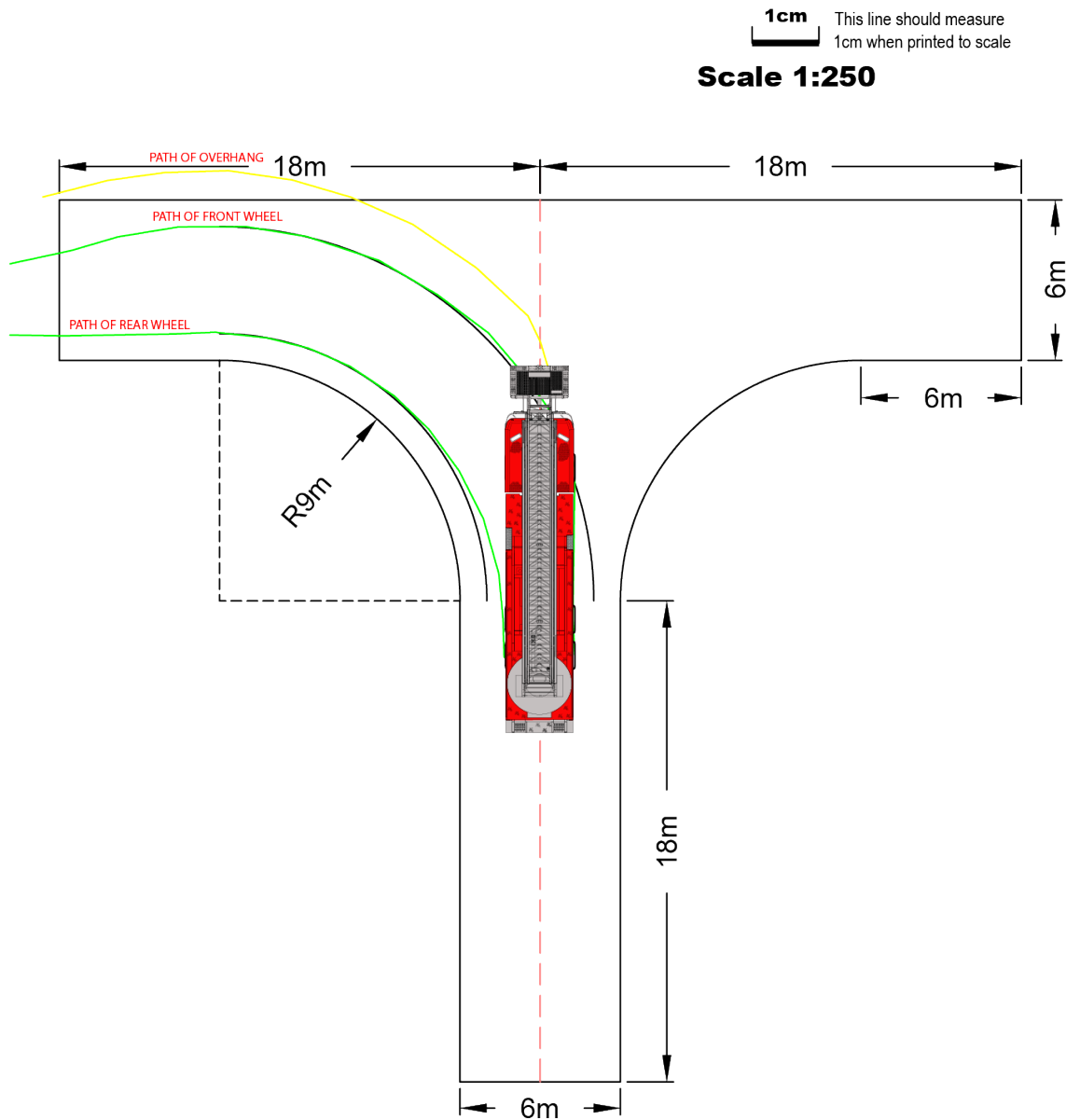
Hydrants

- Clear space of one meter (3ft) radius and two meter (7ft) clearance above the hydrant
- A ½ meter clearance between the base of the hydrant and the large round cap located in the center of the hydrant.
- A clear path from the front (Large Port) of the hydrant to the roadway of three meters (10ft). Hydrants should be visible from both directions of travel.
- Preferred location of fire hydrant is at main entrance of the complex.
- Preferred location of fire hydrants is at main entrance and at every 200 feet throughout.
- Private hydrant service and flow test is required and record of same to be submitted to the fire department.
- Measures are to be in place to ensure landscaping does not encroach on access and visibility and that hydrants can be kept clear in all weather conditions.



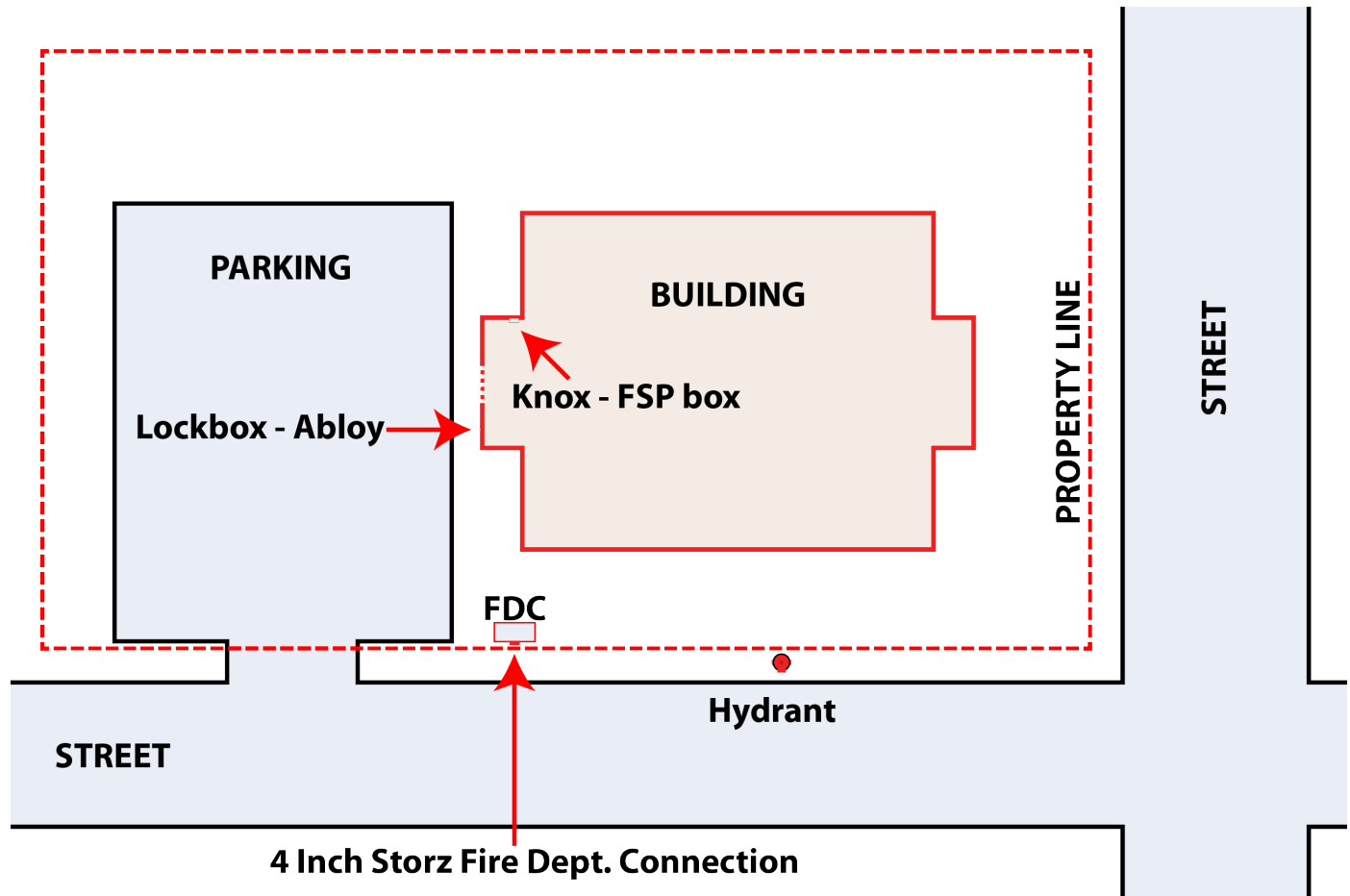


Alternative turnaround:



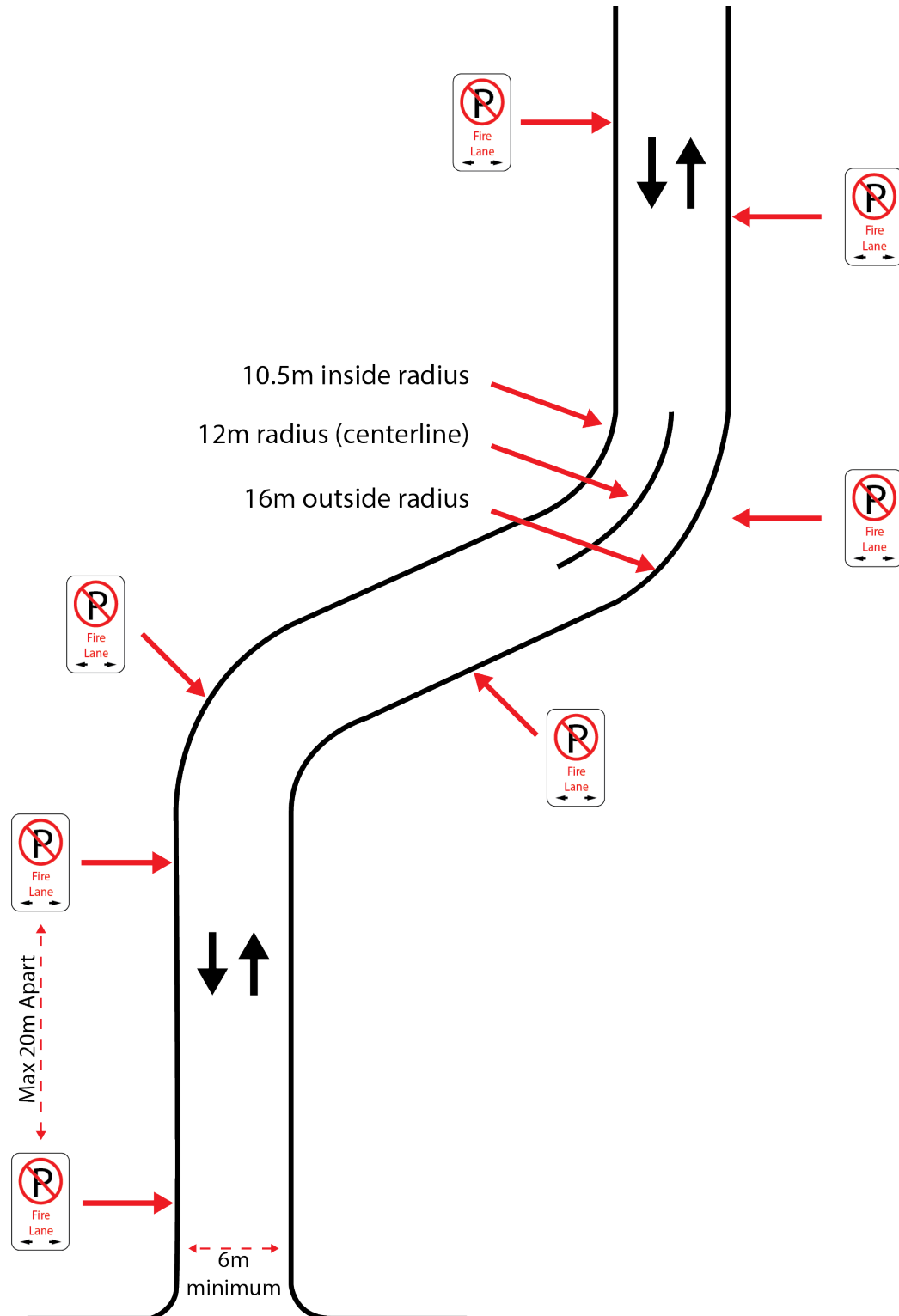


Fire Department fittings:



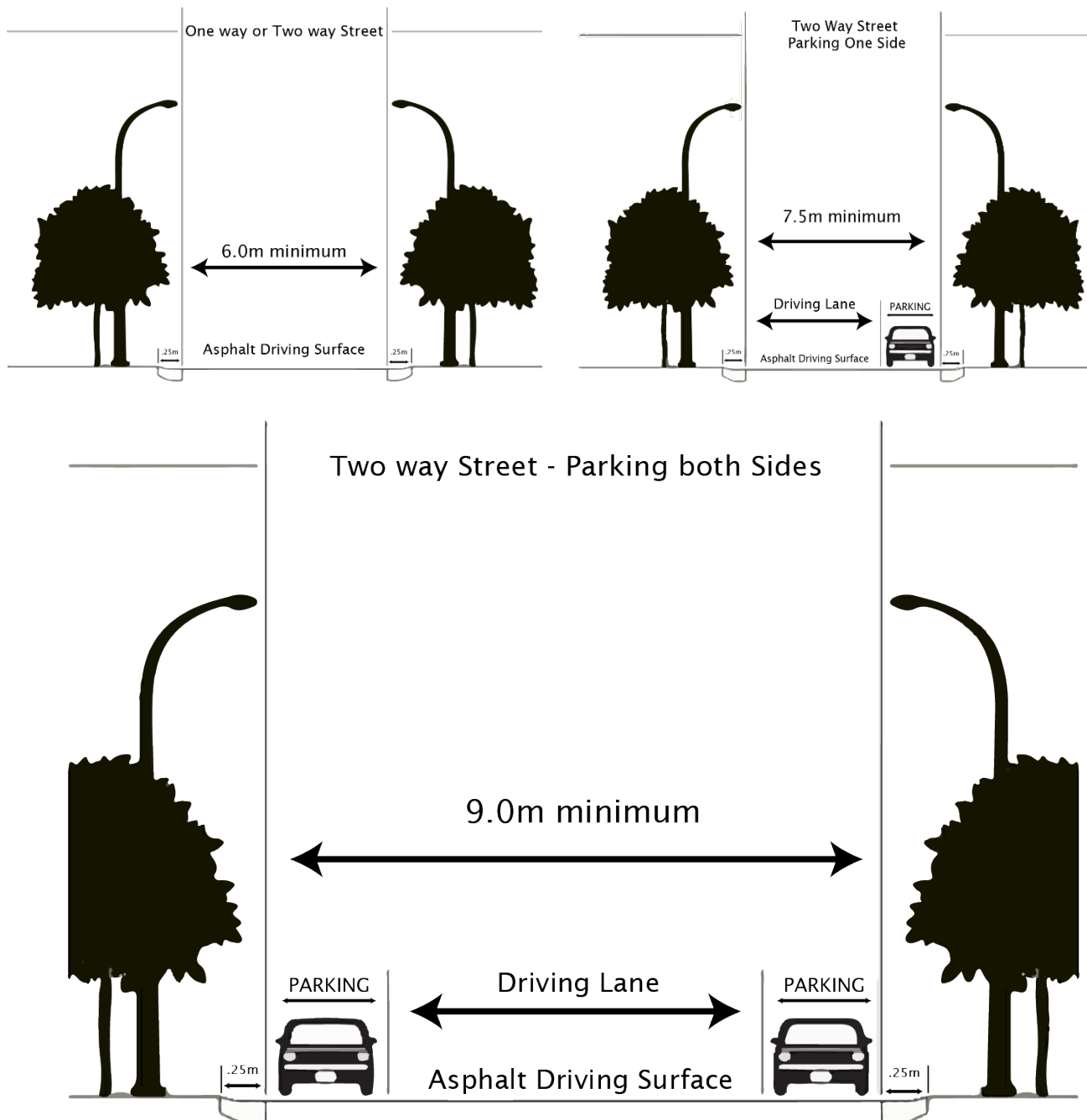


Fire Lanes:





Street Parking:



Quick links:

Developer Requirements:

www.portmoody.ca/cdr

Fire Safety Plan Requirements:

www.portmoody.ca/fsp