

parking stalls are similar to those given on the Standard Drawings.

Parallel parking stalls should have a length of 7.0 m and a desirable minimum width of 2.5 m as shown on the Standard Drawings.

Where sector roads are widened to provide parking stalls, the widened sector road arrangement should not be carried through sector road/sector road intersections. The fillets at such intersections (usually 5.0 m radii) should be positioned to line up with the edge of the travelled lanes.

211.04 PARKING LOTS

Figure 200.11 also shows samples of independent parking lots developed off sector roads. Such lots are of two general varieties:

1. Single entrance/exit (see lots P3, P4 and P5) and
2. Double entrance/exit (see Lots P6 and P7).

Wherever practical, these layout rules should be followed:

1. Aisles and entrance/exit widths should be typically designed for two-way operation in conjunction with perpendicular parking.
2. A median (curb/sidewalk/curb combination) at least 1.0 m wide should be provided between adjacent parking bays served off different aisles (i.e., on Figure 200.11, a barrier is provided between Lots P6 and P7).
3. Forty-five degree parking should only be used in conjunction with one-way aisles/sector roads.

211.05 PARKING DEMAND/SUPPLY ANALYSIS

During the early portion of the Concept Design Phase, the designer will:

1. determine the location of existing parking facilities,
2. identify any facilities to be displaced by road improvements that should thus be replaced, and

3. determine the need for added parking facilities and establish an approximate location for such parking.

The required analysis regarding parking will thus vary from project to project since parking demand is sensitive to site-specific factors, such as land use and proposed community developments.

In the absence of site specific parking criteria, Table 200.09 should be used. Also refer to Part 1, Section 202.02.11 for further parking requirements.

*Table 200.09
Parking Requirements*

<i>Type of Development Requirements</i>	<i>Parking</i>
Commercial/Office	1 space / 50 m ² floor space
Retail	1 space / 30-50 m ² floor space
Governmental	1 space / 50 m ² floor space
School	1 space / 3 employees plus
Hospital	1 space / 5 students 1 space / 2 employees plus
Low Density	1 space / 4 beds
Residential Villas	2 spaces / dwelling unit
Medium Density	
Apartments	1 space / (100 m ² *.85*.80)
High Density	
Apartments	1 space / (100 m ² *.85*.80)

These requirements should be considered as minimums.

It is possible that the number of spaces required by these guidelines cannot be provided due to space limitations. In that case, efforts should be directed toward providing the maximum amount of parking in a reasonable configuration.