

*UDC Shared Parking scheme (Article 10, UDC)*

Example of Shared Parking Calculations:

A. Mixed use development - office, retail, restaurant: 50,000 sq. ft. office, 20,000 sq. ft. retail, and 8,000 sq. ft. restaurant, respectively.

B. Individual parking requirements:

Office: (1 space/375 sq. ft.) for (50,000 sq. ft.) = 133 Spaces

Retail: (1 space/275 sq. ft.) for (20,000 sq. ft.) = 73 Spaces

Restaurant: (1 space/100 sq. ft.) for (8,000 sq. ft.) = 80 Spaces

Total:  $133 + 73 + 80 = 286$  Spaces

C. Shared Parking Calculation are as follows:

Time of Day	Office	Retail	Restaurant
6 a.m to 12 noon	1.00	0.97	0.50
12 noon to 1 p.m.	0.90	1.00	0.70
1 p.m. to 4 p.m.	0.97	0.97	0.60
4 p.m. to 6 p.m.	0.47	0.82	0.90
6 p.m. to 8 p.m.	0.07	0.89	1.00
8 p.m. to 12 a.m.	0.03	0.61	1.00

  

Time of Day	Office Spaces	Retail Spaces	Restaurant Spaces	Total Spaces
6 a.m to 12 noon	$1.00 * 133 = 133$	$0.97 * 73 = 71$	$0.50 * 80 = 40$	244
12 noon to 1 p.m.	$0.90 * 133 = 120$	$1.00 * 73 = 73$	$0.70 * 80 = 56$	249
1 p.m. to 4 p.m.	$0.97 * 133 = 129$	$0.97 * 73 = 71$	$0.60 * 80 = 48$	248
4 p.m. to 6 p.m.	$0.47 * 133 = 63$	$0.82 * 73 = 60$	$1.00 * 80 = 80$	203
6 p.m. to 8 p.m.	$0.07 * 133 = 9$	$0.89 * 73 = 65$	$1.00 * 80 = 80$	154
8 p.m. to 12 a.m.	$0.03 * 133 = 4$	$0.61 * 73 = 45$	$1.00 * 80 = 80$	129

**Table 11, Article 10, UDC**

**249 spaces required**, i.e., the highest total for any time period (Allows a 13 percent savings from 286 spaces).

### *Developer Shared Parking Scheme*

Example of Shared Parking Calculations:

A. Mixed use development - office, retail, restaurant: 50,000 sq. ft. office, 20,000 sq. ft. retail, and 8,000 sq. ft. restaurant, respectively.

B. Individual parking requirements:

Office:  $(3 \text{ spaces}/1,000 \text{ sq. ft.}) \text{ for } (50,000 \text{ sq. ft.}) = 150 \text{ Spaces}$

Retail:  $(3 \text{ spaces}/1,000 \text{ sq. ft.}) \text{ for } (20,000 \text{ sq. ft.}) = 60 \text{ Spaces}$

Restaurant:  $(1 \text{ space}/100 \text{ sq. ft.}) \text{ for } (8,000 \text{ sq. ft.}) = 80 \text{ Spaces}$

Total:  $150 + 60 + 80 = 290 \text{ total spaces}$

D. Shared Parking Calculation are as follows:

Weekend			
Time of Day			
12mid-8am	8am - 6pm		6pm-12mid
Office	$(.05)(150) = 7.5$	$(.05)(150) = 7.5$	$(.05)(150) = 7.5$
Retail	$(.05)(60) = 3$	$(1.0)(60) = 60$	$(0.7)(60) = 42$
Restaurant	$(0.2)(80) = 16$	$(0.7)(80) = 56$	$(1.0)(80) = 80$
Total	27	124	130

Weekday			
Time of Day			
12mid - 8am	8am - 6pm		6pm - 12mid
Office	$(.05)(150) = 7.5$	$(1.0)(150) = 150$	$(0.2)(150) = 30$
Retail	$(.05)(60) = 3$	$(0.9)(60) = 54$	$(0.8)(60) = 48$
Restaurant	$(0.1)(80) = 8$	$(0.7)(80) = 56$	$(1.0)(80) = 80$
Total	19	260	158

**260 spaces required**, i.e., the highest total for any time period both weekday and weekend (Allows a 10.5 percent savings from 290 spaces).