

A SERVICE DISABLED VETERAN-OWNED SMALL BUSINESS

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FIELD LOCATIONS

Arkansas Arizona Georgia Maryland New York North Carolina Ohio South Carolina Texas Utah Virginia West Virginia July 16, 2020

Ms. Jingjing Liu Senior Development Associate Neighborhood Development Company 3232 Georgia Avenue NW, Suite 100 Washington D.C. 20010

> RE: Takoma Junction SHARED PARKING STUDY Takoma Park, Maryland Our Job No.: 2016-0409

Dear Jingjing:

The Traffic Group, Inc. has had an opportunity to conduct a Shared Parking Study for the proposed underground parking garage planned for the Takoma Junction project in Takoma Park, Maryland. It is our understanding that this site is planned to be developed with 18,772 SF of office space, 10,182 SF of retail space and 9,365 SF of restaurant space, of which 30% or 2,810 SF will be a commercial kitchen which has no parking requirements.

As required by the Montgomery County Zoning Code, we have conducted this Shared Parking Analysis using the parking requirements outlined in the Zoning Code (copy attached) for the appropriate uses planned on this site. This site is located in a Reduced Parking Area. The methodology behind this analysis was obtained from the Urban Land Institute (ULI) <u>Shared Parking Model</u> (2nd Edition) as required by the zoning code.

The ULI methodology breaks each of the proposed uses down between parking required for employees and client parking. While the number of spaces required for each particular use, as outlined in the Zoning Code, is different from that which is recommended in the ULI document, we have broken the parking requirements based on the County Code to determine the total number of spaces needed. Then determined the number of spaces required for the clients and the employees for each use based on the proportion as shown in the ULI Shared Parking document. Applying this methodology, shown on Exhibit 1 is the number of parking spaces required for clients and employees for each of the three uses planned on the subject site. Based on these calculations, it was determined that the subject site would be required to provide 100 parking spaces. The first adjustment, as shown on Exhibit 1, is the monthly variation for each of the uses planned on this site. It should be noted that the monthly demand is also divided into clients and employees.

A review of Exhibit 1 indicates that the maximum monthly demand for the weekdays occur in December. During the month of December there is no reduction in the demand as a result of shared parking and 100 spaces would be required.

The next step, which is shown on Exhibit 2, is to determine the peak hourly demand for the weekdays. As shown on Exhibit 2, the maximum hourly demand on a weekday occurs between 1 AM to 2 PM and shows that 93 spaces would be required. This would represent a reduction of 7 spaces over what is normally required by the Zoning Code.

There are two other factors that could be considered in order to obtain a credit for additional reduction in parking spaces for the subject site. The first would be the provision of a Car-Share located near an entrance which would result in a reduction of three required parking spaces. The second reduction would be if a Bike-Share facility with a minimum of ten spaces were to be provided, which would allow for an additional three vehicle reduction in the parking required. Because of the limited amount of parking planned for the subject facility, it would appear that it would be more beneficial to provide the parking spaces than to try to achieve any additional reduction in the number of spaces needed on the site.

Therefore, based on the procedures required by the Montgomery County Zoning Code, we have determined that the maximum parking demand, when taken in to consideration the Shared Parking Analysis, indicates that a minimum of 93 spaces will be required to meet the projected demand for the subject site.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Alen Cook

Glenn E. Cook Senior Vice President

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2. Special Uses

a. The parking minimum resulting from a Special Uses adjustment may not be further reduced by additional adjustments under Section 6.2.3.H.

b. Restricted Housing Types

The baseline parking minimum in the parking table under Section 6.2.4.B may be reduced for restricted housing types by multiplying the following adjustment factor times the baseline minimum:

Housing Type	Adjustment Factor
MPDUs and Workforce Housing	0.50
Age-Restricted Housing	0.75
Senior Housing	0.50

c. Religious Assembly

- i. The deciding body may reduce the required number of parking spaces:
 - (a) to 0 0.15 spaces per fixed seat for a Religious Assembly located within 500 feet of any commercial or industrial parking lot where sufficient spaces are available during the time of services to make up the difference; or
 - (b) to 0.125 per fixed seat for a Religious Assembly used by a congregation whose religious beliefs prohibit the use of motor vehicles in traveling to or from religious services conducted on their Sabbath and principal holidays. The required number of parking spaces may be off-site if the Religious Assembly is located in a Parking Lot District or Reduced Parking Area or within 500 feet of any commercial parking lot where sufficient spaces are available during the time of services or other proposed use of the building.
- ii. The parking space requirement does not apply to any existing building or structure located in a Commercial/Residential, Employment, or Industrial zone that is used for Religious Assembly, if the existing parking meets the requirements for any commercial or industrial use allowed in the zone.

3. Shared Parking

- a. An applicant proposing development with more than one use may submit a shared parking analysis using the Urban Land Institute Shared Parking Model (Second Edition, 2005) instead of using the parking table in Section 6.2.4.B.
- b. The minimum number of required parking spaces under the shared parking model may be adjusted under Section 6.2.3.H.4 through Section 6.2.3.H.6.

4. Car-Share Space

One car-share space located near an entrance is equal to 2 required parking spaces for residential uses or 3 required parking spaces for commercial uses.

5. Unbundled Residential Space

In a Parking Lot District or Reduced Parking Area, if residential parking for Townhouse Living and Multi-Unit Living is sold or rented separately from the purchase or lease of a residential unit, the baseline minimum parking requirement is:

Use	Baseline Minimum
Townhouse Living	0.75
Multi-Unit Living	
Efficiency	0.50
1 Bedroom	0.50
2 Bedroom	0.75
3⁺ Bedroom	0.75

6. Federal Tenants

The minimum number of parking spaces required for Office used by a federal government tenant under a long-term lease is 1.5 spaces per 1,000 square feet of Office gross floor area.

7. Adjustments Allowed Only in Commercial/Residential and Employment Zones

a. NADMS Percentage Goal

i. The baseline parking minimum or shared parking model minimum may be reduced by the Non-Auto Driver Mode Share (NADMS)

percentage goal recommended in the applicable master plan, up to a maximum reduction of 20%.

- ii. The baseline maximum vehicle parking standard must not be changed by the NADMS percentage goal.
- iii. The NADMS percentage goal adjustment must be calculated before any other adjustment is taken.

b. Carpool/Vanpool Space

One carpool or vanpool space located near an entrance is equal to 3 required parking spaces. A carpool or vanpool space that is unoccupied after 9:30 a.m. may be made available to all vehicles if a sign is posted on the property notifying the public.

c. Bike-Share Facility

A bike-share facility with a minimum of 10 spaces may be substituted for 3 vehicle parking spaces if the bike-share facility is accepted by the Department of Transportation as part of an approved comprehensive plan of bike-sharing stations.

d. Changing Facilities - Showers and Lockers

The deciding body may reduce the required number of vehicle parking spaces by 3 spaces for each additional changing facility provided above the minimum required under Section 6.2.6.A.4. A changing facility must include a shower and lockers provided separately for each gender.

Section 6.2.4. Parking Requirements

A. Using the Parking Tables

Uses on the parking table match the allowed uses and use groups in Article 59-3. The number of required spaces is based on a metric specific to each use, such as 1,000 square feet of gross floor area (GFA). The number of vehicle parking spaces required also depends upon whether the property is located in or outside of a Parking Lot District or Reduced Parking Area.

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ATTACHMENT 5.E

		AGRICULTURAL, RURAL RESIDENTIAL, RESIDENTIAL, AND INDUSTRIAL ZONES	Within a Park	L/RESIDENTIAL AND EN King Lot District Parking Area	Outside a Parking Lo District or Reduced Parking Area
	I		Baseline	Baseline	Baseline
USE or USE GROUP	Metric	Baseline Minimum	Minimum	Maximum	Minimum
CIVIC AND INSTITUTIONAL	a sub-sector state and the sector and	and the second second	and the second		and a constant of the
	Employee	1.00	0.50	1.00	1.00
Ambulance, Rescue Squad (Private)	plus, Each Vehicle Operated in Connection with the Use (adequately sized space)	1.00	1.00	1.00	1.00
	Resident and Employee	1.00	0.50	1.00	1.00
	OR: 1,000 SF of Recreational GFA	5.00	1.00	3.50	3.50
	OR: 1,000 SF of Office GFA	4.00	2.00	4.00	4.00
Cultural Institution	1,000 SF of GFA	1.25	0.50	2.00	1.25
Day Care Facility					
Family Day Care Group Day Care	Non-Resident Employee (in addition to residential spaces) Required spaces may be allowed on the street abutting the site	1.00	0.50	1.50	1.00
Day Care Center	1,000 SF of GFA	3.00	3.00	4.00	3.00
	Student (Grades 9 - 12)	0.25	0.15	0.25	0.25
Educational Institution (Private)	Employee	1.00	0.25	0.50	0.50
Hospital	1,000 SF of GFA	1.75	1.75	5.00	1.75
Private Club, Service Organization	1,000 SF of GFA	2.50	1.50	2.25	2.25
	Fixed Seat	0.25	0.15	0.25	0.25
Religious Assembly	OR: 1,000 SF of Assembly Area	20.00	10.00	14.00	14.00
Swimming Pool (Community)	Every 7 Persons Legally Permitted to Occupy Pool	1.00	0.50	1.00	1.00
COMMERCIAL ANIMAL SERVICES	i son prim i karla malifetti distriktion etti.	addinaachd de Grebe an o o	allen sin der ar det ner v	de Merrikaanskaarse plaatel	t het stricklike i strik dense tillstride i ser
Asimal Bearding and Care	Employee	1.00	1.00	3.00	1.00
Animal Boarding and Care		plus 3			plus 3
	Employee	1.00	1.00	2.50	1.00
Veterinary Office/Hospital	plus, Each Doctor Practicing Simultaneously	2.50	2.00	3.50	2.50
		(Minimum of 5)			(Minimum of 5)
EATING AND DRINKING					
Country Inn Restaurant	1,000 SF for Patron Use, (excluding out- door seating area in the Commercial/ Residential and Employment zones)	10.00	4.00	12.00	4.00
FUNERAL AND INTERMENT SERVICES					
Cemetery	Capacity of Assembly Area	0.33	0.25	1.00	0.33
Crematory	Employee plus, Each Vehicle Operated in Connec-	1.00	1.00	1.00	1.00
Funeral Home, Undertaker	tion with the Use	1.00	1.00	1.00	1.00
and the second se	Employee	0.50			
andscape Contractor	plus, Each Vehicle Operated in Connec- tion with the Use	1.00		-	

ATTACHMENT 5.E

B. Venicie Parking Spaces		Agricultural, Rural Residential,	COMMERCIAL	MMERCIAL/RESIDENTIAL AND EMPLOYMENT ZONES			
		RESIDENTIAL, AND INDUSTRIAL ZONES	Within a Parki or Reduced I	Outside a Parking Lot District or Reduced Parking Area			
USE or USE GROUP	Metric	Baseline Minimum	Baseline Minimum	Baseline Maximum	Baseline Minimum		
AGRICULTURAL	n - Marine an an ann an Ara an Ara an Araan ann an Araan an Araan an Araan an Araan an Araan an Araan an Araan Ar	a Theorem and the first of the	and the second second second	Les de la sere :	and the second second second		
Agricultural Auction Facility	1,000 SF of GFA	5.00		-			
Agricultural Processing	1,000 SF of GFA	1.50					
Farm Supply, Machinery Sales, Storage, and Service	1,000 SF of GFA, excluding storage area	5.00	1.00	2.00	2.00		
NURSERY							
Nursery (Retail)	1,000 SF of Sales Area	6.00	3.00	6.00	6.00		
Nursery (Wholesale)	1,000 SF of Total Floor Area	1.50					
Slaughterhouse	1,000 SF of GFA	1.50					
Sidugiteritouse	1,000 SF of GFA, and	1.50					
Winery	If the winery conducts public tours	10.00					
ACCESSORY AGRICULTURAL USES	in the whiery conducts public tours	10.00					
Farm Market, On-site	Market	3.00	0.00	0.00	3.00		
RESIDENTIAL	a har that the second second second was been	and all states and a	Second States	1.2.	and see to be table the		
HOUSEHOLD LIVING		1					
Single-Unit Living							
Two-Unit Living	Dwelling Unit	2.00	1.00	2.00	2.00		
Townhouse Living							
	Efficiency Dwelling Unit	1.00	1.00	1.00	1.00		
Multi-Unit Living	1 Bedroom Dwelling Unit	1.25	1.00	1.25	1.25		
Watt-Offic Living	2 Bedroom Dwelling Unit	1.50	1.00	1.50	1.50		
	3 ⁺ Bedroom Dwelling Unit	2.00	1.00	2.00	2.00		
GROUP LIVING							
Dormitory	Bed	0.25	0.25	0.25	0.25		
Independent Living Facility for Seniors or Persons							
with Disabilities	OR: Dwelling Unit or PLQ	1.00	0.50	1.00	1.00		
Personal Living Quarters							
Residential Care Facility	plus, Employee	0.50	0.50	0.50	0.50		
ACCESSORY RESIDENTIAL USES							
Attached Accessory Apartment	Accessory Dwelling Unit	1.00					
Detached Accessory Apartment	(in addition to residential spaces)	1.00					
Dwellings for Caretakers/Watchkeepers	Accessory Dwelling Unit	1.00	1.00	1.00	1.00		
Farm Tenant Dwelling	Dwelling Unit	1.00					
	Non-Resident Employee	1.00	1.00	1.00	1.00		
Home Occupation (Low Impact)	plus, Each Client Allowed per Hour	1.00	1.00	1.00	1.00		
Home Occupation (Major Impact)	(in addition to residential spaces)						
	Home Health Practitioner	1.00	1.00	1.00	1.00		
Home Health Practitioner (Low Impact)	Non-Resident Employee	1.00	1.00	1.00	1.00		
Home Health Practitioner (Major Impact)	plus, Each Client Allowed per Hour	1.00	1.00	1.00	1.00		
annangen datum fan ander terregen ander en	(in addition to residential spaces)						
Live/Work Units	Accessory Dwelling Unit		1.00	1.00	1.00		

ATTACHMENT 5.E

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		RURAL RESIDENTIAL,	COMMERCIAL	RESIDENTIAL AND E	MPLOYMENT ZONES
		RESIDENTIAL, AND			
		INDUSTRIAL ZONES			Outside a Parking Lot
			Within a Parki or Reduced	District or Reduced Parking Area	
USE or USE GROUP	Metric	Baseline Minimum	Baseline Minimum	Baseline Maximum	Baseline
		Daseline Wimmum	winimum	Iviaximum	Minimum
CIVIC AND INSTITUTIONAL	Employee	1.00	0.50	1.00	1.00
	plus, Each Vehicle Operated in	1.00	0.50	1.00	1.00
Ambulance, Rescue Squad (Private)	Connection with the Use	1.00	1.00	1.00	1.00
	(adequately sized space)	1.00	1.00	1.00	1.00
	Resident and Employee	1.00	0.50	1.00	1.00
Charitable, Philanthropic Institution	OR: 1,000 SF of Recreational GFA	5.00	1.00	3.50	3.50
	OR: 1,000 SF of Office GFA	4.00	2.00	4.00	4.00
Cultural Institution	1,000 SF of GFA	1.25	0.50	2.00	1.25
DAY CARE FACILITY					
	Non-Resident Employee				
Family Day Care	(in addition to residential spaces)	1.00	0.50	1.50	1.00
Group Day Care	Required spaces may be allowed on the				
	street abutting the site				
Day Care Center	1,000 SF of GFA	3.00	3.00	4.00	3.00
	Student (Grades 9 - 12)	0.25	0.15	0.25	0.25
Educational Institution (Private)	Employee	1.00	0.25	0.50	0.50
Hospital	1,000 SF of GFA	1.75	1.75	5.00	1.75
	1,000 SF of GFA				
Private Club, Service Organization		2.50	1.50	2.25	2.25
Religious Assembly	Fixed Seat	0.25	0.15	0.25	0.25
	OR: 1,000 SF of Assembly Area	20.00	10.00	14.00	14.00
Swimming Pool (Community)	Every 7 Persons Legally Permitted to	1.00	0.50	1.00	1.00
	Occupy Pool				
COMMERCIAL ANIMAL SERVICES					
	Employee	1.00	1.00	3.00	1.00
Animal Boarding and Care	Employee	plus 3	1.00	3.00	plus 3
	Employee	1.00	1.00	2.50	1.00
	plus, Each Doctor Practicing				
Veterinary Office/Hospital	Simultaneously	2.50	2.00	3.50	2.50
		(Minimum of 5)			(Minimum of 5)
EATING AND DRINKING		(mining of 5)			(ivinintum or s)
	1,000 SF for Patron Use, (excluding out-				
Country Inn	door seating area in the Commercial/	10.00	4.00	12.00	4.00
Restaurant	Residential and Employment zones)				
FUNERAL AND INTERMENT SERVICES					
Cemetery	Capacity of Assembly Area	0.33	0.25	1.00	0.33
Crematory	Employee	1.00	1.00	1.00	1.00
Funeral Home, Undertaker	plus, Each Vehicle Operated in Connec-	1.00	1.00	1.00	1.00
	tion with the Use				
8 34 65 1	Employee	0.50			
Landscape Contractor	plus, Each Vehicle Operated in Connec-	1.00			
	tion with the Use				

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		AGRICULTURAL, RURAL RESIDENTIAL, RESIDENTIAL, AND INDUSTRIAL ZONES	COMMERCIAL/R	Outside a Parking Lot District or Reduced Parking Area	
		INDUSTRIAL ZONES	Within a Parking or Reduced Pa		
	Metric	Deseline Minimum	Baseline	Baseline	Baseline
USE or USE GROUP	Wetric	Baseline Minimum	Minimum	Maximum	Minimum
LODGING	Guest Room (in addition to any			······································	
Bed and Breakfast	residential spaces) plus,	1.00	0.33	1.00	0.50
Hotel, Motel	1,000 SF of Meeting Room, Dining		2.00	10.00	6.00
	1,000 SF Of Meeting Room, Dining		2.00	10.00	8.00
MEDICAL AND DENTAL Clinic Medical, Dental Laboratory	1,000 SF of GFA	4.00	In CRN, NR zones: 2.00 In CRT, CR, GR, EOF, LSC zones: 1.00	4.00	4.00
OFFICE AND PROFESSIONAL					
Life Sciences	1 000 05 - (051	2.00	2.00	2.00	2.25
Office	1,000 SF of GFA	2.80	2.00	3.00	2.25
Research and Development RECREATION AND ENTERTAINMENT	****	-			
Adult Entertainment Campground	1,000 SF of GFA	10.00	1.00	5.00	2.50
Conference Center	OR: Every Seat/Guest Space	0.25	0.25	1.25	0.25
Golf Course, Country Club		0.20	0120		
Health Clubs and Facilities	OR: Each Campsite	1.00	1.00	5.00	1.00
Recreation and Entertainment Facility	OR: Each Court	2.00	2.00		2.00
Shooting Range					
RETAIL SALES AND SERVICE Combination Retail Retail/Service Establishment Rural Antique Shop Rural Country Market VEHICLE/EQUIPMENT SALES AND RENTAL	1,000 SF of Gross Leasable Area	5.00	3.50	6.00	5.00
Heavy Vehicle Sales and Rental Light Vehicle Sales and Rental	1,000 SF of Gross Leasable Area	4.00	1.00	2.50	2.50
VEHICLE SERVICE Automobile Storage Lot Car Wash	1,000 SF of GFA	4.00	1.00	2.50	2.50
Filling Station Repair Accessory Commercial Uses	1,000 31 01 01A	4.00	1.00	2.50	
Commercial Kitchen	Each Kitchen User	1.00			
INDUSTRIAL	Lacit Kitchen osel	1.00	special contact and the second	dan sen antisa a	a station from model
Animal Research Facility	1,000 SF of GFA	and and the second s	1.00	3.00	1.50
Dry Cleaning Facility (Up to 3,000 SF)	1,000 SF of GFA	1.50	1.00	3.00	1.50
Dry Cleaning Facility (Over 3,000 SF)	1,000 SF of GFA	1.50			

EXHIBIT 1 MONTHLY VARIATIONS TO DETERMINE PEAK MONTHLY DEMAND FOR WEEKDAYS

Parame	ters:	<u>Parki</u>	ng Space	s:			
Office	Client = 0.16 ps/ksf GFA	Office	Client =	3			
En	nployee = 1.84 ps/ksf GFA	Em	Employee =				
Retail	Client = 2.82 ps/ksf GLA	Retail	Client =	29			
En	nployee = 0.68 ps/ksf GLA	Employee =					
estaurant	Client = 3.43 ps/ksf GLA	Restaurant	Client =	22			
En	nployee = 0.57 ps/ksf GLA	Em	nployee =	<u>4</u>			

Employee = 4

TOTAL = 100

Restaurant

Office	Client = 0.16 ps/ksf GFA
En	nployee = 1.84 ps/ksf GFA
Retail	Client = 2.82 ps/ksf GLA
En	nployee = 0.68 ps/ksf GLA
Restaurant	Client = 3.43 ps/ksf GLA
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Office = 18,772 sq ft Retail = 10,182 sq ft Restaurant = 6,555 sq ft

Land Use Layout

Office Retail

Month	Percent util.		Needed spaces		Perce	Percent util. Needed s		spaces	Perce	Percent util.		Needed spaces	
	client	emp.	client	emp.	client	emp.	client	emp.	client	emp.	client	emp.	
January	100%	100%	3	35	56%	80%	16	6	85%	95%	19	4	83
February	100%	100%	3	35	57%	80%	17	6	86%	95%	19	4	84
March	100%	100%	3	35	64%	80%	19	6	95%	100%	21	4	88
April	100%	100%	3	35	63%	80%	18	6	92%	100%	20	4	86
May	100%	100%	3	35	66%	80%	19	6	96%	100%	21	4	88
June	100%	100%	3	35	67%	80%	19	6	95%	100%	21	4	88
July	95%	95%	3	33	64%	80%	19	6	98%	100%	22	4	87
August	95%	95%	3	33	69%	80%	20	6	99%	100%	22	4	88
September	100%	100%	3	35	64%	80%	19	6	91%	100%	20	4	87
October	100%	100%	3	35	66%	80%	19	6	96%	100%	21	4	88
November	100%	100%	3	35	72%	90%	21	6	93%	100%	20	4	89
December	100%	100%	3	35	100%	100%	29	7	100%	100%	22	4	100
Late Dec.	80%	100%	2	35	80%	90%	23	6	95%	100%	21	4	91

Maximum Monthly Demand for Weekdays = 100 parking spaces

Notes:

1. This analysis was conducted using the methodology described in Shared Parking, 2nd Edition, Urban Land Institute. Parking requirement rates were based on Montgomery County Zoning Code Chapter 59.

2. The total square footage for restaurant use is 9,365 sq. ft. including 30% or 2,810 sq. ft. of commercial kitchen. The remaining 6,555 sq. ft. was used for parking calculation.

EXHIBIT 2 SHARED PARKING ANALYSIS PEAK HOURLY DEMAND FOR WEEKDAYS

Client = 0.16 /ksf GFA

il Client = 2.82 /ksf GLA Employee = 0.68 /ksf GLA t Client = 3.43 /ksf GLA

Employee = 1.84 /ksf GFA

Employee = 0.57 /ksf GLA

Parameters:

Office

Retail

Restaurant

Parking Spaces based on Highest Monthly

Demand (from Exhibit 1):										
Office	Client =	3								
E	Employee =									
Retail	Client =	29								
E	mployee =	7								
Restaurant	Client =	22								
E	mployee =	4								

TOTAL = 100

Highest Monthly Demand - December

Weekday		Off	ice		Retail				Restaurant				
Time of Day	Perce	nt util.	Needed	spaces	Perce	nt util.	Needed	spaces	Perce	nt util.	Needed	spaces	Total
	client	emp.	client	emp.	client	emp.	client	emp.	client	emp.	client	emp.	
7:00 AM	1%	30%	0	11	5%	15%	1	1	50%	75%	11	3	27
8:00 AM	20%	75%	1	26	15%	40%	4	3	60%	90%	13	4	51
9:00 AM	60%	95%	2	33	30%	75%	9	5	75%	90%	17	4	70
10:00 AM	100%	100%	3	35	55%	85%	16	6	85%	100%	19	4	83
11:00 AM	45%	100%	1	35	75%	95%	22	7	90%	100%	20	4	89
12:00 PM	15%	90%	0	32	90%	100%	26	7	100%	100%	22	4	91
1:00 PM	45%	90%	1	32	100%	100%	29	7	90%	100%	20	4	93
2:00 PM	100%	100%	3	35	100%	100%	29	7	50%	100%	11	4	89
3:00 PM	45%	100%	1	35	100%	100%	29	7	45%	75%	10	3	85
4:00 PM	15%	90%	0	32	95%	100%	28	7	45%	75%	10	3	80
5:00 PM	10%	50%	0	18	85%	95%	25	7	75%	95%	17	4	71
6:00 PM	5%	25%	0	9	80%	95%	23	7	80%	95%	18	4	61
7:00 PM	2%	10%	0	4	75%	95%	22	7	80%	95%	18	4	55
8:00 PM	1%	7%	0	2	65%	90%	19	6	80%	95%	18	4	49
9:00 PM	0%	3%	0	1	50%	75%	15	5	60%	80%	13	3	37
10:00 PM	0%	1%	0	0	30%	40%	9	3	55%	65%	12	3	27
11:00 PM	0%	0%	0	0	10%	15%	3	1	50%	65%	11	3	18
12:00 AM	0%	0%	0	0	0%	0%	0	0	25%	35%	6	1	7

Maximum Weekday Hourly Demand = 93 parking spaces

Notes:

Weekday

1. This analysis was conducted using the methodology described in Shared Parking, 2nd Edition, Urban Land Institute. Parking requirement rates were based on Montgomery County Zoning Code Chapter 59.

2. The total square footage for restaurant use is 9,365 sq. ft. including 30% or 2,810 sq. ft. of commercial kitchen. The remaining 6,555 sq. ft. was used for parking calculation.

Land Use Layout

Restaurant = 6,555 sq ft

Office = 18,772 sq ft

Retail = 10,182 sq ft