SCOTIODALE STARLED FARMING MODEL	SCOTTSDALE SHARED PARKIN	IG MODEL
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PROJECT:	Scottsdale Quarter
ADDRESS:	15101 North Scottsdale Road
CREATOR:	Tové White
DATE:	September 11, 2007
DEVELOPMENT PHASE:	III (Full Build-Out Condition)

	686 Reserved (Always; never shared) Spaces 217 Shared (except during weekday business hours) "Office" Spac 256 Shared (except during evening hours) "Valet" Spaces <u>2,028 Shared (always; never reserved) Spaces</u> 3 187 Total Spaces
DURING THIS PHASE	

ASSUMPTIONS: (1.) Parking rates stated reflect City's code rates, per Zoning Code Table 9.2, for planned regional center (PRC) zoning districts. (2.) Parking calculated for restaurant outdoor area assumes ten patios, with an average per patio floor area of 1,200 sf. (3.) Calculations assume 6% of retail (except grocery), restaurant and nightclub/bar traffic will be comprised of patrons travelling on foot, or via some form of public transportation (i.e. trolley) from the immediately surrounding area (from the Kierland mixed use development to the west, for example). (4.) Calculations assume 10% of retail (except grocery), restaurant, and bar/nightclub traffic will be comprised of on-site office tenants, on-site multi-family unit residents, and/or on-site hotel guests, all of whom will have their parking demands already satisfied with reserved spaces. (5.) Calculations assume 80% of grocery traffic will be comprised of on-site office tenants on-site multi-family unit residents and/or on-site hotel guests all of whom will have their parking demands already satisfied with reserved spaces.

					ADJUSTMENT FACTORS				PEAK		PEAK	
LAND USE	TOTAL ALI		CODE PARKING (SPACES DESCRIPTION		RESERVED OR SHARED	TRIP REDUCTION	ALT. MODE OF TRANSPORTATION	CAPTIVE MARKET	OTHER	PARKING REQUT (unadjusted)	TOTAL ADJUSTMENT	PARKING DEMAND (adjusted)
BAR/NIGHTCLUB								1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 - 1946 -				
indoor	7,713	sf gfa	1 per 50 sf public area	50	Reserved after 6 PM, every day	1.00	1.00	1.00	1.00	154	1.00	154
indoor	5,000	sf gfa	1 per 50 sf public area	50	Shared	1.00	0.94	0.90	1.00	100	0.84	84
HOTEL												
guest rooms	125	rooms	1 per guest room	1	Reserved	1.00	1.00	1.00	1.00		1.00	125
auxiliary comml uses	34,000	sf gfa	1 per 400 sf gfa	400	Reserved	1.00	1.00	1.00	1.00	85	1.00	85
OFFICE:	$\sum_{i=1}^{d} \left(\left(\frac{1}{2} \right)^{2} + \left(\frac{1}{2} \right)^{2} \right) \left(\frac{1}{2} \right)^{2} \left(\frac{1}{$			$\mu^{(t)}:= \left\{ \begin{array}{c} \psi_{i} & \psi_{i} \\ \psi_$			$\{ C_{i} \in [0, 1] : i \in [0, \infty] \}$	$\frac{1}{4} = \frac{1}{4} \left[\frac{1}{4} + 1$				$= \frac{1}{2} \left[\frac{1}{2}$
business/professional	65,100	sf gfa	1 per 300 sf gfa	300	Reserved until 6 PM,	1.00	1.00	1.00	1.00	217	1.00	217
business/professional	152,573	sf gfa	1 per 300 sf gfa	300	Shared	1.00	1.00	1.00	1.00	509	1.00	509
RESTAURANT:								12/2012/07/3				· 这些话题的
indoor	12,492	sf gfa	1 per 80 sf public area	80	Reserved after 6 PM, every day	1.00	1.00	1.00	1.00	101	1.00	101
indoor	79,714	sf gfa	1 per 80 sf public area	80	Reference College and an	1.00	0.94	0.90	1.00	648	0.84	544
outdoor	18,204	sf gfa	1 per 250 sf (minus first 250 sf per patio)	250	Shared	1.00	0.94	0.90	1.00	73	0.84	61
RESIDENTIAL:									12323721			
multi-family	238	units	2 per unit	0.5	Reserved	1.00	1.00	1.00	1.00	476	1.00	476
RETAIL:			in the design of the second									na gularada
general	274,046	sf gfa	1 per 200 sf gfa	200	Shared	1.00	0.94	0.90	1.00	1370	0.84	1151
grocery	6,816	sf gfa	1 per 300 sf gfa	300	Shared	1.00	1.00	0.20	1.00	23	0.20	5
PUBLIC ASSEMBLY			1997年1月1日1日日				the state					and parts
cinema	350	seats	1 per 10 seats	10	Shared	1.00	1.00	1.00	1.00	35	1.00	35

Accumulated Indoor Floor Area (See note at right)	1,219,183	Ŭ	Note: Accumulated floor area calculated by summing indoor floor areas stated in table, adding 136,000 sf for non-commercial component of hotel, 35,907sf for the cinema, 409,822 sf for the residential units, as these floor areas are not shown in the parking model table. They are not shown in
			the parking model table because their parking requirements are not calculated based on floor area; they are calcultated based on a different unit of measure, such as quest rooms, seats, or dwellings.

RESULTS:

3,916 = spaces required without shared parking based parking requirement r	eduction approval	
 3,162 = spaces required on WEEKDAYS, if commercial spaces are shared.	19.3% reduction from code parking requ't.	2,476 CON
3,103 = spaces required on WEEKENDS, if commercial spaces are shared.	20.8% reduction from code parking requ't.	2,417 CON

3916 Unadjusted Peak Parking Demand (before shared parking opportunity consideration)
476 reserved residential spaces provided
<u>210</u> reserved hotel spaces provided
3230 additional spaces needed for commercial uses



without parking requirement reduction approval

MMERCIAL PARKING SPACES ONLY

MMERCIAL PARKING SPACES ONLY

16-UP-2008#2 10/23/2009

•	•			
SCOTTSDALE SHARE	D PARKING MODEL			
PROJECT:	Scottsdale Quarter	PARKING	0 Reserved (Always; never shared) Spaces	ica" Spaces
ADDRESS:	15101 North Scottsdale Road	PROVIDED	141 Shared (except during weekday business hours) "Off	
CREATOR:	Tové White		50 Shared (except during evening hours) "Valet" Spaces	\$
DATE:	July 24, 2007	DURING	2,156 Shared (always; never reserved) Spaces	
DEVELOPMENT PHAS	E: I	THIS PHASE	2,347 Total Spaces	

ASSUMPTIONS: (1.) Parking rates stated reflect City's code rates, per Zoning Code Table 9.2, for planned regional center (PRC) zoning districts. (2.) Parking calculated for restaurant outdoor area assumes five (5) patios will be constructed in Phase I, with an average per patio floor area of 1,200 sf. (3.) Calculations apply no captive market reductions and no alternative transportation mode reductions for this phase of the development.

							ADJUSTMENT I	ACTORS		PEAK		PEAK
LAND USE	TOTAL AL		CODE PARKING (SPACES) DESCRIPTION	RESERVED	RESERVED OR SHARED	TRIP	ALT. MODE OF TRANSPORTATION	CAPTIVE MARKET	OTHER	PARKING REQUT (unadjusted)	TOTAL ADJUSTMENT	PARKING DEMAND (adjusted)
BAR/NIGHTCLUB		Citili	DECOM		ORCHARED	REDUCTION	TRANSPORTATION		United	(unaujusteu)	ABOCCHMENT	
DAMANGINOLOD	Г							1				
indoor		sf gfa	1 per 50 sf public area	50	Reserved after 6 PM, every day	1.00	1.00	1.00	1.00	0	1.00	C
indoor	0	sf gfa	1 per 50 sf public area	50	Shared	1.00	1.00	1.00	1.00	0	1.00	0
HOTEL	States - Engr											
guest rooms	0	rooms	1 per guest room	1	Reserved	1.00	1.00	1.00	1.00	0	1.00	0
auxiliary comml uses	0	sf gfa	1 per 400 sf gfa	400	Reserved	1.00	1.00	1.00	1.00	0	1.00	0
OFFICE:				ka se								
business/professional	42,300	sf gfa	1 per 300 sf gfa	300	Reserved until 6 PM,	1.00	1.00	1.00	1.00	141	1.00	141
business/professional	87,059	sf gfa	1 per 300 sf gfa	300	Shared	1.00	1.00	1.00	1.00	290	1.00	290
RESTAURANT:												
indoor	6,154	sf gfa	1 per 80 sf public area	80	Reserved after 6 PM, every day	1.00	1.00	1.00	1.00		1.00	50
indoor	57,202	sf gfa	1 per 80 sf public area	80	Shared	1.00	1.00	1.00	1.00	465	1.00	465
outdoor	8,917	sf gfa	1 per 250 sf (minus first 250 sf per patio)	250	Shared	1.00	1.00	1.00	1.00	36	1.00	36
RESIDENTIAL:									in the			
multi-family	0	units	2 per unit	0.5	Reserved	1.00	1.00	1.00	1.00	0	1.00	0
RETAIL:								late and the second				
general	105,790	sf gfa	1 per 200 sf gfa	200	Shared	1.00	1.00	1.00	1.00	529	1.00	529
grocery	6,816	sf gfa	1 per 300 sf gfa	300	Shared	1.00	1.00	1.00	1.00	23	1.00	23
PUBLIC ASSEMBLY								1. 19 1. 32				
cinema	0	seats	1 per 10 seats	10	Shared	1.00	1.00	1.00	1.00	0	1.00	0
Accumulated	305,321	sf gfa								1533	Unadjusted Peak F	Parking Dema

Accumulated	305,321	sf gfa
Indoor Floor Area		

RESULTS:

nd (before shared parking opportunity consideration) 0 reserved residential spaces provided O reserved hotel spaces provided 1533 additional spaces needed for commercial uses without parking requirement reduction approval

1,533	1,533 = spaces required without shared parking based parking requirement reduction approval									
1,423	= spaces required on WEEKDAYS, if commercial spaces are shared,	7.2% reduction from code parking requ't.								
1,361	= spaces required on WEEKENDS, if commercial spaces are shared.	11.2% reduction from code parking requ't.								



(before shared parking opportunity consideration)

16-UP-2008#2 10/23/2009

SCOTTSDALE SHA			
PROJECT: ADDRESS: CREATOR: DATE: DEVELOPMENT PH	Scottsdale Quarter 15101 North Scottsdale Road Tové White July 24, 2007	PARKING PROVIDED DURING THIS PHASE	0 Reserved (Always; never shared) Spaces 217 Shared (except during weekday business hours) "Office" Space 50 Shared (except during evening hours) "Valet" Spaces <u>2,231 Shared (always; never reserved) Spaces</u> 2,498 Total Spaces

ASSUMPTIONS: (1.) Parking rates stated reflect City's code rates, per Zoning Code Table 9.2, for planned regional center (PRC) zoning districts. (2.) Parking calculated for restaurant outdoor area assumes five (5) additional patios will be constructed in Phase II (for a total of 10 existing at the end of Phase II), with an average per patio floor area of 1,200 sf. (3.) Calculations assume 3% of retail (except grocery), restaurant and nightclub/bar traffic will be comprised of patrons travelling on foot, or via some form of public transportation from the immediately surrounding area (e.g. Kierland mixed use development to the west). (4.) Calculations assume 2% of retail (except grocery), restaurant, and bar/nightclub traffic will be comprised of on-site office tenants, on-site multi-family unit residents, and/or on-site hotel guests, all of whom will have their parking demands already satisfied with reserved spaces. (5.) Calculations assume 25% of grocery traffic will be comprised of on-site office tenants, on-site multi-family unit residents, on-site multi-family unit residents, and/or on-site hotel guests, all of whom will have their parking demands already satisfied with reserved spaces. (5.) Calculations assume 25% of grocery traffic will be comprised of on-site office tenants, on-site multi-family unit residents, and/or on-site hotel guests, all of whom will have their parking demands already satisfied with reserved spaces.

							ADJUSTMENT	FACTORS		PEAK		PEAK
	TOTAL AL	THE R. LEWIS CO., NAME AND ADDRESS OF	CODE PARKING (SPACES)	S) RESERVED		TRIP	ALT. MODE OF	CAPTIVE		PARKING REQUT	TOTAL	PARKING
LAND USE	QUANTITY	UNIT	DESCRIPTION	DIVISOR	OR SHARED	REDUCTION	TRANSPORTATION	MARKET	OTHER	(unadjusted)	ADJUSTMENT	(adjusted)
BAR/NIGHTCLUB												
indoor	0	sf gfa	1 per 50 sf public area	50	Reserved after 6 PM, every day	1.00	1.00	0.98	1.00	0	0.98	0
indoor	0	sf gfa	1 per 50 sf public area	50	Shared	1.00	0.97	0.98	1.00	0	0.95	0
HOTEL					$\left[\frac{1}{2} \frac{\partial_{0}}{\partial t} \frac{1}{\partial_{0}} \frac{\partial_{0}}{\partial_{0}} \frac{\partial_{0}}{\partial_{0}} \frac{\partial_{0}}{\partial_{0}} \frac{\partial_{0}}{\partial_{0}} \right] = \left[\frac{1}{2} \frac{\partial_{0}}{\partial_{0}} \right] = \left[\frac{1}{2} \frac{\partial_{0}}{\partial_{0}} \right] = \left[\frac{1}{2} \frac{\partial_{0}}{\partial_{0}} \frac{\partial_{0}$	1012	$\left[\begin{array}{cccc} & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ \end{array} \right] = \left[\begin{array}{cccc} & & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ \end{array} \right] = \left[\begin{array}{cccc} & & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ \end{array} \right] = \left[\begin{array}{cccc} & & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array} \right] = \left[\begin{array}{cccc} & & & & \\ & & & \\$					$ \frac{\sum_{j=1}^{n} \frac{1}{2} \sum_{j=1}^{n} \frac{1}{2} \sum$
guest rooms	0	rooms	1 per guest room	1	Reserved	1.00	1.00	1.00	1.00	0	1.00	0
auxiliary comml uses	0	sf gfa	1 per 400 sf gfa	400	Reserved	1.00	1.00	1.00	1.00	0	1.00	0
OFFICE:								Second State				
business/professional	65,100	sf gfa	1 per 300 sf gfa	300	Reserved until 6 PM,	1.00	1.00	1.00	1.00	217	1.00	217
business/professional	143,634	sf gfa	1 per 300 sf gfa	300	Shared	1.00	1.00	1.00	1.00	479	1.00	479
RESTAURANT:						2.321 2.44						
indoor	6,154	sf gfa	1 per 80 sf public area	80	Reserved after 6 PM, every day	1.00	1.00	1.00	1.00	50	1.00	50
indoor	77,473	sf gfa	1 per 80 sf public area	80	Shared	1.00	0.97	0.98	1.00	629	0.95	598
outdoor	15,217	sf gfa	1 per 250 sf (minus first 250 sf per patio)	250	Shared	1.00	0.97	0.98	1.00	61	0.95	58
RESIDENTIAL:												
multi-family	0	units	2 per unit	0.5	Reserved	1.00	1.00	1.00	1.00	0	1.00	0
RETAIL:		4.15524.75	of the Redday in th	a la ser a set								
general	220,048	sf gfa	1 per 200 sf gfa	200	Shared	1.00	0.97	0.98	1.00	1100	0.95	1045
grocery	6,816	sf gfa	1 per 300 sf gfa	300	Shared	1.00	1.00	0.75	1.00		0.75	17
PUBLIC ASSEMBLY		- 4 lat 12 :						San Artist				
cinema	350	seats	1 per 10 seats	10	Shared	1.00	1.00	1.00	1.00	35	1.00	35
Accumulated	567,554	sf gfa	Note: Accumulated fl	oor area cal	culated by sum	ming indoo	or floor areas state	d in table, ar	nd adding	2594	Unadjusted Peak F	Parking Dema

Accumulated 567,554 Indoor Floor Area

Note: Accumulated floor area calculated by summing indoor floor areas stated in table, and adding 48,329 sf for the cinema (per 7/12/07 Nelsen Partners, Inc. site plan), as the cinema floor area is not shown in the parking model table because its parking requirement is not calculated based on floor area; its parking trequirement is calculated based on number of seats.

2594 Unadjusted Peak Parking Demand (before shared parking opportunity consideration)
0 reserved residential spaces provided
<u>0</u> reserved hotel spaces provided
2594 additional spaces needed for commercial uses without parking requirement reduction approval

RESULTS:

2,594 = spaces required without shared parking based parking requirement reduction approval				
2,286 = spaces required on WEEKDAYS, if commercial spaces are shared.	11.9% reduction from code parking requ't.			
2,221 = spaces required on WEEKENDS, if commercial spaces are shared.	14.4% reduction from code parking requ't.			









SITE DATA

Zoning	PRC
Grose Site Area	1.248,149.70 SF
	28.61 Acres
Not Sitn Area	1.024,555.00 SF
	23.52 Acres
Open Space Required	204.911 SF
= 20% max. of Net Site Area (1,024,555	5 x .20)
Open Space Provided	248,065SF
Frontzga Open Space Required	51,228 SF
# 25% of Reg'd Open Space (204,911)	x .25)
Frontage Open Space Provided	62,405 SF
Parking Lot Landscape Area	3.268 SF
Parking Lot Landscape Reg'd	490 SF
(15% x 3268)	
Parking Lot Landscape Provided	573 SF
Building Height Allowed	60' max
Building Setback	30' at all streets
FAR Allowed (w/o residentiar)	0.8 (819.644 SF)
FAR Proposed	0.8 (819,644 SF)
Office Allowed (40% of Commercial)	(819,644 x .40) 327,858 SF
Office Proposed	238,433 SF

 Residential Proposed

 VOLUME CALC =

 16* xNET STTE: 16,392,380

 A: 254,348

 G-1,722,768

 H: 1,722,768

 H: 1,722,768

 H: 2,554,320

 J: 2,946,200

 C: 3,457,380

 L: 3,457,380

 L: 3,457,380

 L: 3,453,280

 H: 2,504,984

 Residential Allowed (50% of Commercial)
 (619,844 x.50).408,822 SF

 Residential Proposed
 238 Units / 408,822 SF

 VOLUME CALC =
 Section 5.2864.8. Volume ratio.in this

 SF x NET Effect .et and call
 If the section call interviewed that the Section for the section of the time Section for the section of the section for Section 5.2804. B, Volume ratio it has been interpreted that the 5 has met its volume ratio requires described. The overall master p tansive review so that the site pl approved by the DRB with the a to the building massivolume allo overall site. All buildings meet to ment standards for the site. d that the So

TABULATIONS Lusia Glav. AICP, Director, Current Planning Services

BUILDING A		BUILDING G1,G2	
LEVEL 1 (RESTAURANT)	8.755 SF	G1 (RESTAURANT)	3.600 SF
		GZ (RETAL)	180 SF
SUILDING 8		G3 (RETAIL)	364 SF
LEVEL 1 (RETAIL)	34.022 SF	TOTAL	4,144 SF
LEVEL 1 (OFFICE)	8.538 SF		
LEVEL 2 (RETAIL)	8.810 SF	BUILDING H	
LEVEL 2 (OFFICE)	21,347 SF	LEVEL 1 (RETAIL)	43.442 SF
LEVEL 3 (OFFICE)	18.902 SF	LEVEL 1 (RESTAURANT)	5,869 SF
LEVEL & (OFFICE)	17.629 SF	LEVEL 1 (OFFICE)	4.512 SF
TOTAL	107.346 SF	LEVEL 2 (OFFICE)	40.098 SF
		LEVEL 3 (OFFICE)	39.277 SF
BUILDING C		TOTAL	133,198 SF
LEVEL : (RETAIL)	29.842 SF		
LEVEL 1 (RESTAURANT)	7.666 SF	BUILDING J	
LEVEL 1 (OFFICE)	5.982 SF	LEVEL 1 (RETAIL)	12.618 SF
LEVEL 2 (OFFICE)	21.455 SF	LEVEL 1 (RESTAURANT)	25,616 SF
LEVEL 3 (OFFICE)	21.519 SF	TOTAL	38.234 3F
LEVEL 4 (OFFICE)	20.352 SF		
TOTAL	106,798 SF	BUILDING K1, K2, K3	
		LEVEL 1 (RESTAURANT)	19,667 SF
BUILDING D		LEVEL 1-5 (RESIDENTIAL)	164,000 SF / 98 UNITS
LEVEL 1 (GROCERY)	6,818 SF	TOTAL	183,667 SF
BUILDING E		BUILDING L1, L2, L3, L4	
LEVEL 1 (RETAIL)	15.055 SF	LEVEL 1 (RETAIL)	34,140 SF
LEVEL 1 (RESTAURANT)	21,819 SF	LEVEL 1-5 (HOTEL)	170,000 SF / 125 KEYS
TOTAL	37.874 SF	LEVEL 1-5 (RESIDENTIAL)	115,000 SF / 64 UNITS
		TOTAL	319,140 SF
BUILDING F			
LEVEL 1 (RETAIL)	57,307 SF	BUILDING M1, M2	
LEVEL 1 (COMMON)	8.453 SF	LEVEL 1 (RETAIL)	15,585 SF
LEVEL 2 (RESTAURANT)	10.802 SF	LEVEL 1-5 (RESIDENTIAL)	130.822 SF / 76 UNITS
LEVEL 2 (COMMON)	12.321 35	TOTAL	146,407 SF
LEVEL 2 (CINEMA)	36,008 SF		
TOTAL	124 891 SF		

COMMERCIAL AREA SUMMARY

TOTAL RETAIL	273,139 SF
TOTAL OFFICE	217,589 SF
TOTAL RESTAURANT	103,294 SF
TOTAL GROCERY	6,815 SF
TOTAL PATIOS	15 PATIOS
TOTAL CINEMA	36,008 SF
TOTAL HOTEL	170.000 SF
CRAMP TOTAL (Commercial)	ROB GAR SE

PARKING SUMMARY

TOTAL RETAIL	273,139 SF (1 cmr200 sf)	1386 cars
TOTAL OFFICE	217.689 SF (1 car/300 sf)	726 cars
TOTAL RESTAURANT	103.294SF (2.62%-80 sf)	800 cars
TOTAL GROCERY	6.816 SF (1 can/300 af)	23 cars
TOTAL PATIOS	15 PATIOS (1057 sl each)	65 cars
	exts) 38,008 SF (1 carrid seets)	35 cars
TOTAL HOTEL	170,000 SF (1 car/room + employe	
TOTAL RESIDENTIAL	409,822 SF (238 Units at 2 cam/ur	476 cars
GRAND TOTAL (non-share)	d) 1,229,468 SF	3,865 cars
SHARED PARKING STUDY		
Commercial Shared D		
	see attached Master Parking Plan)	2.464 cars
	isi and Hotel Demand	586 can
Total Sitered Parking		3,150 cars
Accessible Periding R	equired (3, 193 *.02)	63 cars
PARICING PROVIDED		
GARAGE BUILDING		1,189 cars
GARAGE BUILDING		1.165 cars
GARAGE BUILDING	L and M	697 cars
SURFACE		133 cara
TOTAL		3184 cars
REQUIRED BIKE PARKING	: Phase I, II, & III (commercial use only)	
1 bike spece per 10 c	ars parked (2,464 + 120 hotal cara/ 10) :	258 bike speces
Phase I provided		78 bito spaces
Phase II provided		100 bites epaces
Phase III provided		87 blos speces
Total previded		263 bite speces
Notec		

Nosic 1, Al bits spaces are located within 50° of building entrance. Please ref landscape DRB street L1.07 for locations in Phase II & III.

NOTE

1. NO EXTERIOR ROOF LADDERS SHALL BE ALLOWED WHERE THEY ARE VISIBLE TO THE PUBLIC OR FROM AN OFF-SITE LOCATION. (STIP. 5)

2. POLES AND EQUIPMENT NECESSARY TO UPGRADE THE TRAFFIC SIGNALS TO CURRENT STANDARDS INCLUDING LUMINAIRES) AS SPECIFIED IN THE TRANSPORTATION MASTER PLAN FOR THIS SITE ISTIR NIL

16-UP-2008#2 10/23/2009



