

Parking

This project is very conscious of the automobile. Its current place in the world and its immediate future. Toyota is a leader in environmentally conscious vehicles, with its focus on Hybrid and now electric vehicles. The new Toyota Showroom will be a showcase of this new technology, most notably with its provision of 13 Hybrid or Electric cars for the neighbourhood car share program. The new Vertical Dealership will also be removing the existing 115 surface stalls, pushing them below grade along with its service department.

The residential towers and office component, will meet new stringent city requirements, including charging stations for 20% of the residential stalls & a receptacle for 50% of Class A Bikes.



HYBRID



FUEL EFFICIENT SMALLER CARS

TOWER A & C PARKING REQUIRED

PARKING REQUIRED			
	PHASE A (TOWER A)	PHASE C (TOWER C)	TOTAL
Min. Commercial Parking	44	32	76
Min. Residential Parking	293	147	440
Visitor Parking	47	34	81
Total Min. Parking Permitted	384	213	597
Max Commercial parking	56	40	96

(INCLUDED IN ABOVE COUNT)

Residential Handicap Stalls	15	11	26
Commercial Handicap Stalls	4	3	7
Total Handicap Stalls	19	14	33

LOADING REQUIRED			
	PHASE A (TOWER A)	PHASE C (TOWER C)	TOTAL
CLASS A	2	-	2
CLASS B	4	3	7
CLASS C	-	1	1
Total	6	4	10

BICYCLE PARKING REQUIRED			
	PHASE A (TOWER A)	PHASE C (TOWER C)	TOTAL
CLASS A	586	426	1,013
CLASS B	6	6	12
Total	592	432	1,025

HORIZONTAL (Min)	293	213	506
VERTICAL (Max)	176	128	304
LOCKERS (Min)	117	85	203
CLOTHING LOCKERS	14	10	24
SHOWER & CHANGING ROOM	1	1	2

TOWER B PARKING REQUIRED

PARKING REQUIRED		
	PHASE B (TOYOTA & OFFICE)	TOTAL
Min. Commercial Parking	93	93
Max. Commercial Parking	118	118
Total Min. Parking Permitted	93	93
Total Max. Parking Permitted	118	118

(INCLUDED IN ABOVE COUNT)

Commercial Handicap Stalls	7
Total Handicap Stalls	7

(INCLUDED IN ABOVE COUNT)

HANDICAP STALLS PROVIDED	7
---------------------------------	----------

TOWER A & C PARKING PROVIDED

PARKING PROVIDED PER LEVEL			
LEVEL	PHASE A (TOWER A)	PHASE C (TOWER C)	Sub Total
P1	12	10	22
P2	57	25	82
P3	70	42	112
P4	74	45	119
P5	74	45	119
P6	74	45	119
P7	74	45	119
P8	76	45	121
Total	511	302	813

NOTE: 13 CAR SHARE PROVIDED ON P1

PARKING PROVIDED PER USER TYPE			
USER TYPE	PHASE A (TOWER A)	PHASE C (TOWER C)	Sub Total
Commercial	56	40	96
Residential Ratio (Visitors)	0.1		
Residential Ratio (Rental)	0.5		
Residential Ratio (Market)	0.8		
Visitor	47	35	82
Residential	360	264	624
Car Share	10	3	13
Total	473	342	815

(INCLUDED IN ABOVE COUNT)

HANDICAP STALLS PROVIDED	23	14	37
---------------------------------	-----------	-----------	-----------

Plug In Recepticals (Electric Cars)	20% of vehicles stalls	163
Plug In Recepticals (Electric Bikes)	Each 2 Class A Bikes must have elec	507

LOADING PROVIDED			
	PHASE A (TOWER A)	PHASE C (TOWER C)	TOTAL
CLASS A	2	-	2
CLASS B	4	3	7
CLASS C	-	1	1
Total	6	4	10

BICYCLE PARKING PROVIDED			
	PHASE A (TOWER A)	PHASE C (TOWER C)	PROJECT TOTAL
CLASS A	586	433	1,019
CLASS B	6	6	12
Total	592	439	1,031

TOWER B PARKING PROVIDED

PARKING PROVIDED	
LEVEL	PHASE B (TOYOTA & OFFICE)
@ Grade	-
P1 MEZZ	41
P1	73
P2	36
P3	27
P4	75
-	-
-	-
Total	252

(INCLUDED IN ABOVE COUNT)

HANDICAP STALLS PROVIDED	7
---------------------------------	----------

LOADING	Provided	Required
CLASS A	2	2
CLASS B	2	2
CLASS C	1	1
Total	5	5

BICYCLE PARKING PROVIDED	PROVIDED	REQUIRED
CLASS A	26	26
CLASS B	6	6
Total	32	32



IBI/HB Architects

BT | A



Rezoning Report
Burrard Gateway Project
March 13, 2013

Parking