

Our Ref: 17149

May 30, 2018

Mounties Group
c/o Philon
20 Bond Street,
Sydney NSW 2000

For the attention of Tom Zarimis

Dear Tom,

**RE: Concord RSL Redevelopment Site Compatibility Certificate
Parking/Traffic Assessment**

We are advised that Mounties Group and Concord District Sub-Branch have agreed to enter into a Development Agreement to redevelop the property. The proposed redevelopment is an inter-generational development comprising of a new clubhouse, health & fitness centre. RSL Sub-Branch offices and seniors' village with approximately 110 apartments.

It is understood that the first step will be to obtain a Site Compatibility Certificate. In order to do this The Transport Planning Partnership have been asked to prepare a Traffic Analysis Report based on the proposed development mix as determined and agreed with GMU Design.

Existing Club

The existing club current achieves access from Nullawarra Road as shown in Figure 1. The access road also provides access to Ron Routley Oval, Majors Bay Reserve and Arthur Walker Reserve.

Figure 1: Site Location



The exiting club currently comprises: -

- Club GFA of around 3000m²
- Gym with a GFA of around 200m²

Existing Traffic Conditions

A detailed traffic count was undertaken at the club and this recorded the total movements entering the site from Nullawarra Avenue.

It is noted that this access serves both the club (including the Gym facility) and Oval/Reserves to the rear so the counts recorded the cars entering the club car park and those going to the playing fields (including those who passed through the club car park)

The surveys recorded that on Thursday 8th Feb 2018, the following counts were recorded,

17:00-18:00	42 vehicles entered the club car park and 48 entered the sports field car park
18:00-19:00	47 vehicles entered the club car park and 21 entered the sports field car park
19:00-20:00	27 vehicles entered the club car park and 12 entered the sports field car park

The surveys also recorded that on Friday 9th February 2018, the following counts were revealed.

17:00-18:00 **79** vehicles entered the club car park and **15** entered the sports field car park

18:00-19:00 **51** vehicles entered the club car park and **8** entered the sports field car park

19:00-20:00 **23** vehicles entered the club car park and **3** entered the sports field car park

Conservatively therefore, we would suggest that the club and the gym currently generate a maximum of 79 vehicles in the busiest peak period,

Proposed Development

The proposed development will comprise: -

- Club GFA of around 300m²
- A gym with a GFA around 900m²
- 110 Independent Living Units

The proposed increase in development area is therefore: -

- A gym area increase of 700m²
- 110 ILUs'

Traffic Likely to be Generated by Additional Development

The traffic generation of Independent Living Units was the subject of a study commissioned by RMS and undertaken by this author. This suggests that the peak hour traffic generation of an independent living unit is 0.4 trips in the peak hour.

The RMS Guide presents vehicle trip rate for fitness centres in Metropolitan Sub Regional areas to be 9 trips per 100m² GFA for busiest evening peak hour. These tend to be of the "Virgin Active" type club in business park locations rather than local gyms. However, we will use this figure as a worst-case scenario in both peak hours.

The likely traffic generation rates have therefore been tabulated in Table 1 below.

Table 1 : Proposed Development Traffic Generation Estimates

Additional Land Uses	Trip Generation Rate		Trip Generation Estimate (trips)	
	Weekday AM	Weekday PM	Weekday AM	Weekday PM
ILU (110 units)	0.4 per dwelling		44	44
Gym (additional 700m ²)	9 peak hour trips per 100m ²		63	63

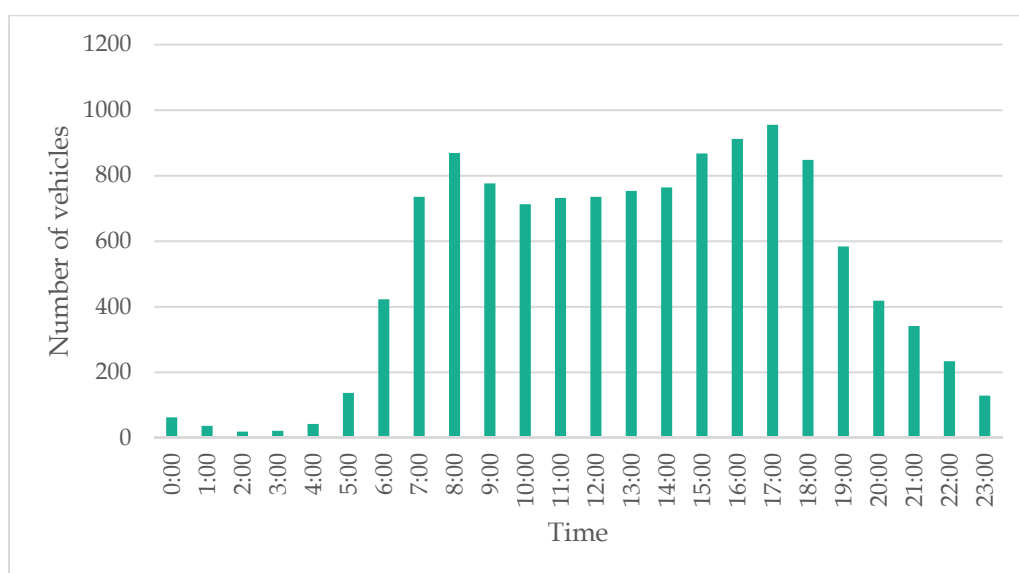
The additional traffic which includes both in and out movements would potentially increase by up to 107 trips per hour which is an average less than 2 additional vehicles every minute.

Traffic Counts

For the purposes of this site compatibility certificate, we have looked the volumes of Nullawarra Avenue which performs the function of a local distributor road (i.e. not a residential street) and a typical residential road (e.g. Nirranda Street) which could experience additional traffic if drivers choose to drive straight across Nullawarra Avenue.

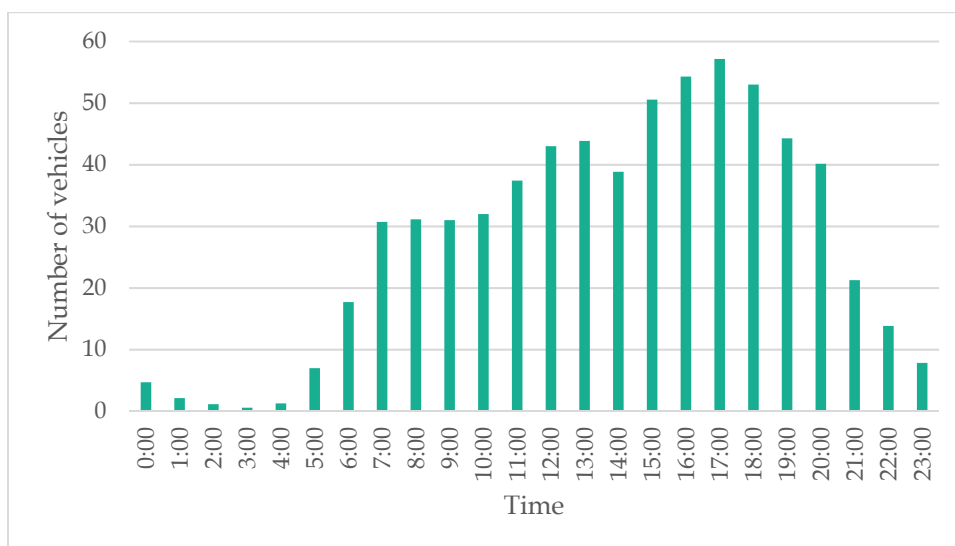
We undertook 7-day traffic counts on these roads and a summary of the traffic counts is shown below.

Figure 2: 7 Day Average 2-way traffic volumes on Nullawarra Avenue



The traffic on Nullawarra Avenue is therefore a maximum of 955 two-way vehicles in the PM peak hour.

Figure 3: 7 Day Average 2-way traffic volumes on Nirranda Street



The traffic on Nirranda Street is therefore a maximum of 57 two-way vehicles in the PM peak hour.

Traffic Impact

With regard to Nullawarra Avenue, the RMS Guide to Traffic Generating Developments gives information on the capacity of urban roads. This suggests that a two-lane road would operate with an acceptable Level of Service C if the peak hour flow per direction is 600 vehicles per hour (total two way = 1200 veh/hr).

Table 4.4
Urban road peak hour flows per direction

Level of Service	One Lane (veh/hr)	Two Lanes (veh/hr)
A	200	900
B	380	1400
C	600	1800
D	900	2200
E	1400	2800

As we have noted the exiting flow on Nullawarra Road is a maximum of 955 two-way vehicles per hour. If all of the proposed development traffic of 107 two-way vehicles per hour went onto Nullawarra Road, the volume would be 1062 two-way vehicles per hour. This suggests that the road would operate around Level of Service C. There would therefore be capacity to accommodate background traffic growth and traffic from other development projects. This would however be examined in detail in any transport impact assessment for a subsequent development proposal.

With regard to Nirranda Street, the accepted measure of amenity on residential only streets is Environmental Capacity as referenced in the RMS Guide to Traffic Generating Developments (2002 – Section 4.3). This states that for a local access street (which we consider Nirranda Street to be), the Desirable Maximum traffic level is 200 vehicles per hour and the Absolute Maximum is 300 vehicles per hour.

Table 4.6 Environmental capacity performance standards on residential streets			
Road class	Road type	Maximum Speed (km/hr)	Maximum peak hour volume (veh/hr)
Local	Access way	25	100
	Street	40	200 environmental goal
			300 maximum
Collector	Street	50	300 environmental goal
			500 maximum

As noted above the existing peak flow on Nirranda Street is 57 vehicles per hour. There is therefore a “spare capacity” of 143 vehicle movements before the desirable capacity is reached. The traffic from the club redevelopment would therefore not affect the amenity of Nirranda Street such that the Environmental Capacity was reached.

Parking Assessment

TTPP also commissioned parking surveys of the club car park. The red area shown in the plan below contains around 53 marked car parking spaces and the blue area is a hard standing which although not marked out, can easily accommodate up to 22 spaces (as indicated by the survey below).

Figure 4: Car Parking Layout



Figure 5 – Car Parking in the “blue area”



The surveys which are contained in **Appendix B** show that on a typical weekday night, the club car park is less than 50% full but on its busiest Friday night, the parking spaces at the club fill up and the parking spills over into the car park provided for the Oval at the rear where there are an additional 180 or so parking spaces.

Parking Requirement

In any redevelopment, there would be three elements of the club for which the parking requirement needs to be considered.

- The Club – Clearly the club provides parking for the existing operation (Around 75 spaces – marked and unmarked) so this level of parking would be, at least, maintained but potentially increased to accommodate any increased trading
- The Fitness Club – Council's DCP requires 7.5 spaces per 100m² GFA (desirable) or 4.5 spaces per 100m² (minimum). The additional 700m² of gym would therefore require an additional 53 parking spaces.
- The ILU's - The Environmental Planning Policy (SEPP), Housing for Seniors or People with a Disability, 2004 states that:
 - *A consent authority must not refuse consent to a development application made pursuant to this Chapter for the carrying out of development for the purpose of a residential care facility, hostels or self-contained dwellings on any of the following grounds*
 - *Self-contained dwellings*
 - (h) **parking:** *if at least the following is provided:*
 - i. *0.5 car spaces for each bedroom where the development application is made by a person other than a social housing provider, or*
 - ii. *1 car space for each 5 dwellings where the development application is made by, or is made by a person jointly with, a social housing provider*

Assuming 110 (2-bedroom) apartments, the proposed development would require at least 110 car parking spaces.

The parking provision would clearly be the subject of a more detailed study for any subsequent development application, but it is likely that an additional 163 parking spaces would need to be provided for the ILUs and the gym expansion. Assuming that a new club would attract a modest increase in custom (say an additional 30 spaces), this may require the on-site parking level to increase to around 260-270 parking spaces (75+30+110+53).

It should be relatively straightforward within a redesign of the site to provide this level of additional car parking.

Summary and Conclusion

The proposed development of the redeveloped club, the 110 seniors housing apartments (independent living units) and the increase in the gym floor area is not expected to result in any adverse parking and/or traffic implications on the surrounding road network.

As such, the proposed development is considered broadly compatible with the surrounding road network.

We trust the above is to your satisfaction. Should you have any queries regarding the above or require further information, please do not hesitate to contact the undersigned on 8437 7800.

Yours sincerely,



Ken Hollyoak
Director

Annexure A

Traffic Count Data

Day/Date : Thu, 8th Feb 2018
Weather : Fine
Description : Classified Intersection Count
: Hourly Summary



Approach	North Cark Park								
Direction	Direction 7 (Left Turn)			Direction 8 (Through)			Direction 9U (U Turn)		
Time Period	Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total
17:00 to 18:00	0	0	0	27	0	27	0	0	0
17:15 to 18:15	0	0	0	44	0	44	0	0	0
17:30 to 18:30	0	0	0	47	0	47	0	0	0
17:45 to 18:45	0	0	0	47	0	47	0	0	0
18:00 to 19:00	0	0	0	41	0	41	0	0	0
18:15 to 19:15	0	0	0	26	0	26	0	0	0
18:30 to 19:30	0	0	0	36	0	36	0	0	0
18:45 to 19:45	0	0	0	38	0	38	0	0	0
19:00 to 20:00	0	0	0	45	0	45	0	0	0
Total	0	0	0	113	0	113	0	0	0

Day/Date : Fri, 9th Feb 2018
Weather : Fine
Description : Classified Intersection Count
: Hourly Summary

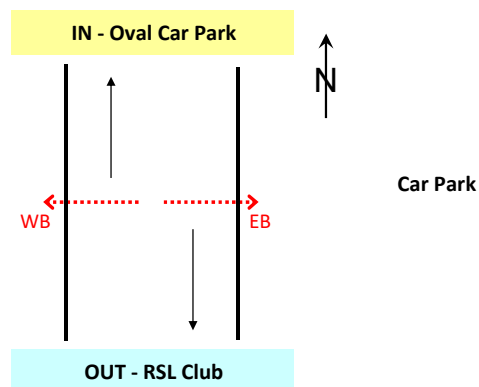


Approach	North Cark Park								
Direction	Direction 7 (Left Turn)			Direction 8 (Through)			Direction 9U (U Turn)		
Time Period	Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total
17:00 to 18:00	0	0	0	27	0	27	0	0	0
17:15 to 18:15	0	0	0	25	0	25	0	0	0
17:30 to 18:30	0	0	0	26	0	26	0	0	0
17:45 to 18:45	0	0	0	24	0	24	0	0	0
18:00 to 19:00	0	0	0	32	0	32	0	0	0
18:15 to 19:15	0	0	0	30	0	30	0	0	0
18:30 to 19:30	0	0	0	28	0	28	0	0	0
18:45 to 19:45	0	0	0	26	0	26	0	0	0
19:00 to 20:00	0	0	0	15	0	15	0	0	0
Total	0	0	0	74	0	74	0	0	0

Job No. : N3891
Client : TTPP
Suburb : Concord RSL
Location : B. Concord RSL

Day/Date : Thu, 8th Feb 2018
Weather : Fine
Description : Mid-block Count
 : Hourly Summary

Approach	Car Park					
Direction	IN - Oval Car Park			OUT - RSL Club		
Time Period	Lights	Heavies	Total	Lights	Heavies	Total
17:00 to 18:00	2	0	2	18	0	18
17:15 to 18:15	2	0	2	23	0	23
17:30 to 18:30	2	0	2	25	0	25
17:45 to 18:45	2	0	2	32	0	32
18:00 to 19:00	3	0	3	29	0	29
18:15 to 19:15	3	0	3	21	0	21
18:30 to 19:30	3	0	3	18	0	18
18:45 to 19:45	2	0	2	14	0	14
19:00 to 20:00	0	0	0	15	0	15
Total	5	0	5	62	0	62

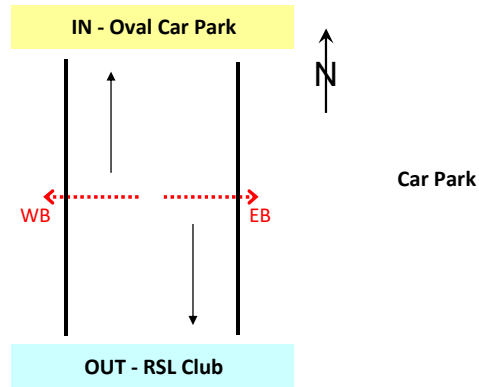


Job No. : N3891
Client : TTPP
Suburb : Concord RSL
Location : B. Concord RSL

Day/Date : Fri, 9th Feb 2018
Weather : Fine
Description : Mid-block Count

: Hourly Summary

Approach	Car Park					
Direction	IN - Oval Car Park			OUT - RSL Club		
Time Period	Lights	Heavies	Total	Lights	Heavies	Total
17:00 to 18:00	3	0	3	17	0	17
17:15 to 18:15	4	0	4	19	0	19
17:30 to 18:30	4	0	4	17	0	17
17:45 to 18:45	3	0	3	19	0	19
18:00 to 19:00	2	0	2	24	0	24
18:15 to 19:15	1	0	1	21	0	21
18:30 to 19:30	2	0	2	23	0	23
18:45 to 19:45	2	0	2	21	0	21
19:00 to 20:00	1	0	1	17	0	17
Total	6	0	6	58	0	58



Client	TTPP
Date	Thu, 8th Feb 2018 (17:00-20:00)
Description	Concord RSL Parking Survey



Location
1. Concord RSL

Client TTPP
Location 1. Concord RSL
Date Thu, 8th Feb 2018 (17:00-20:00)
Description Concord RSL Parking Survey



Side of the Street	Parking Restriction	Time Restrictions	Available Spaces	17:00	18:00	19:00	20:00
Red Zone	No Restriction		20	9	6	7	5
	Disabled		2	0	1	1	1
	No Restriction	Director Only	6	1	0	1	1
	No Restriction	SEC Manager Only	1	1	0	0	0
	No Restriction		5	3	3	2	2
	No Restriction	Womens Auxillary President	1	0	0	0	0
	No Restriction	Sub Branch President Only	1	0	1	1	0
	Disabled		1	0	0	0	0
	No Restriction		16	5	6	6	6
	No Restriction		8	4	6	3	2
	No Restriction		12	4	4	0	1
	Disabled		2	0	0	0	0
Blue Zone	No Restriction	Few cars parked at the location Blue Zone		5	7	6	7
Total			75	32	34	27	25
% Capacity				43%	45%	36%	33%

Client	TTPP
Date	Fri, 9th Feb 2018 (17:00-20:00)
Description	Concord RSL Parking Survey



Location
1. Concord RSL

Client TTPP
Location 1. Concord RSL
Date Fri, 9th Feb 2018 (17:00-20:00)
Description Concord RSL Parking Survey



Side of the Street	Parking Restriction	Time Restrictions	Available Spaces	17:00	18:00	19:00	20:00
Red Zone	No Restriction		20	8	15	14	11
	Disabled		2	0	0	0	0
	No Restriction	Director Only	6	0	1	3	1
	No Restriction	SEC Manager Only	1	0	0	1	0
	No Restriction		5	2	5	4	1
	No Restriction	Womens Auxillary President	1	0	0	0	0
	No Restriction	Sub Branch President Only	1	0	0	0	0
	Disabled		1	0	0	0	0
	No Restriction		16	11	15	11	8
	No Restriction		8	7	8	8	2
	No Restriction		12	5	9	9	6
	Disabled		2	0	0	0	0
Blue Zone	No Restriction	Few cars parked at the location Blue Zone		12	22	18	12
Total			75	45	75	68	41
% Capacity				60%	100%	91%	55%

Job No N3891
Client TTPP
Site Nullawarra Ave
Location Nullawarra Ave
Site No 1
Start Date 5-Feb-18
Description Volume Summary
Direction NB



Hour Starting	Day of Week							W'Day Ave	7 Day Ave
	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb		
AM Peak	728	724	715	730	694	473	453		
PM Peak	388	415	419	440	421	509	385	6509	6200
0:00	17	14	15	21	25	40	80	18	30
1:00	10	14	9	15	12	30	59	12	21
2:00	5	2	6	9	7	11	20	6	9
3:00	4	3	7	5	8	17	18	5	9
4:00	22	24	31	21	32	14	11	26	22
5:00	100	97	91	93	112	45	29	99	81
6:00	317	337	306	323	303	134	69	317	256
7:00	606	629	641	620	550	218	108	609	482
8:00	728	724	715	730	694	310	211	718	587
9:00	474	508	524	524	494	426	303	505	465
10:00	376	398	382	388	358	473	400	380	396
11:00	322	362	374	356	398	459	453	362	389
12:00	327	354	349	353	396	464	359	356	372
13:00	346	372	419	373	377	509	379	377	396
14:00	325	376	384	385	354	419	366	365	373
15:00	388	415	404	440	421	381	336	414	398
16:00	348	373	320	364	368	374	385	355	362
17:00	353	387	381	361	356	361	328	368	361
18:00	322	355	364	355	413	383	288	362	354
19:00	251	290	290	310	345	232	206	297	275
20:00	174	206	245	270	216	197	149	222	208
21:00	151	149	185	186	194	200	149	173	173
22:00	69	74	123	102	152	200	89	104	116
23:00	37	41	54	74	85	121	46	58	65
Total	6072	6504	6619	6678	6670	6018	4841	6509	6200

7-19	4915	5253	5257	5249	5179	4777	3916	5171	4935
6-22	5808	6235	6283	6338	6237	5540	4489	6180	5847
6-24	5914	6350	6460	6514	6474	5861	4624	6342	6028
0-24	6072	6504	6619	6678	6670	6018	4841	6509	6200

Job No N3891
Client TTPP
Site Nullawarra Ave
Location Nullawarra Ave
Site No 1
Start Date 5-Feb-18
Description Volume Summary
Direction SB



Hour Starting	Day of Week							W'Day Ave	7 Day Ave
	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb		
AM Peak	310	339	351	350	358	417	355		
PM Peak	676	692	639	709	674	494	429	6170	5909
0:00	24	22	12	23	33	49	62	23	32
1:00	12	11	6	7	8	25	37	9	15
2:00	7	10	15	5	10	7	18	9	10
3:00	8	9	9	12	15	21	13	11	12
4:00	18	25	29	26	30	12	4	26	21
5:00	80	63	66	54	65	47	20	66	56
6:00	189	232	206	206	189	94	56	204	167
7:00	271	299	302	289	288	219	106	290	253
8:00	310	304	318	296	290	269	186	304	282
9:00	291	339	351	318	327	309	245	325	311
10:00	303	292	330	322	308	351	308	311	316
11:00	302	296	321	350	358	417	355	325	343
12:00	333	345	325	333	334	447	429	334	364
13:00	332	349	318	315	350	494	341	333	357
14:00	364	370	384	414	422	474	311	391	391
15:00	493	474	469	505	498	460	390	488	470
16:00	618	618	623	613	640	372	367	622	550
17:00	676	692	639	709	674	406	361	678	594
18:00	486	532	592	493	555	454	344	532	494
19:00	276	315	352	375	341	289	217	332	309
20:00	202	228	250	224	183	208	177	217	210
21:00	121	153	187	199	184	197	133	169	168
22:00	101	90	108	110	159	156	105	114	118
23:00	35	36	56	75	91	113	37	59	63
Total	5852	6104	6268	6273	6352	5890	4622	6170	5909

7-19	4779	4910	4972	4957	5044	4672	3743	4932	4725
6-22	5567	5838	5967	5961	5941	5460	4326	5855	5580
6-24	5703	5964	6131	6146	6191	5729	4468	6027	5762
0-24	5852	6104	6268	6273	6352	5890	4622	6170	5909

Job No N3891
Client TTPP
Site Nullawarra Ave
Location Nullawarra Ave
Site No 2
Start Date 5-Feb-18
Description Volume Summary
Direction NB



Hour Starting	Day of Week							W'Day Ave	7 Day Ave
	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb		
AM Peak	763	763	746	774	727	514	488		
PM Peak	407	477	446	476	459	519	407	6943	6616
0:00	17	14	15	22	28	40	74	19	30
1:00	9	14	10	15	13	30	57	12	21
2:00	6	2	8	10	7	11	21	7	9
3:00	4	3	8	5	9	19	20	6	10
4:00	26	27	31	23	33	14	12	28	24
5:00	126	116	115	110	125	49	32	118	96
6:00	349	352	331	354	326	151	85	342	278
7:00	631	674	678	646	593	266	139	644	518
8:00	763	763	746	774	727	357	246	755	625
9:00	489	520	538	542	525	462	329	523	486
10:00	402	422	397	418	377	514	423	403	422
11:00	336	372	396	362	424	490	488	378	410
12:00	343	362	356	372	403	494	381	367	387
13:00	377	376	446	378	401	519	396	396	413
14:00	343	395	404	397	361	436	384	380	389
15:00	407	453	434	476	441	392	373	442	425
16:00	384	417	362	409	405	390	407	395	396
17:00	405	477	442	415	416	383	351	431	413
18:00	373	422	438	388	459	388	294	416	395
19:00	277	293	321	339	362	251	215	318	294
20:00	185	201	248	274	218	218	165	225	216
21:00	149	153	186	192	202	207	153	176	177
22:00	67	67	109	102	153	206	93	100	114
23:00	38	46	56	74	90	120	47	61	67
Total	6506	6941	7075	7097	7098	6407	5185	6943	6616

7-19	5253	5653	5637	5577	5532	5091	4211	5530	5279
6-22	6213	6652	6723	6736	6640	5918	4829	6593	6244
6-24	6318	6765	6888	6912	6883	6244	4969	6753	6426
0-24	6506	6941	7075	7097	7098	6407	5185	6943	6616

Job No N3891
Client TTPP
Site Nullawarra Ave
Location Nullawarra Ave
Site No 2
Start Date 5-Feb-18
Description Volume Summary
Direction SB



Hour Starting	Day of Week							W'Day Ave	7 Day Ave
	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb		
AM Peak	326	340	355	375	359	430	355		
PM Peak	693	697	647	712	664	520	428	6390	6113
0:00	24	23	14	27	35	48	67	25	34
1:00	12	11	6	9	10	28	42	10	17
2:00	9	10	16	5	10	8	16	10	11
3:00	8	9	9	13	14	23	13	11	13
4:00	18	25	28	26	30	13	5	25	21
5:00	77	63	66	61	68	44	19	67	57
6:00	187	217	191	200	183	94	55	196	161
7:00	277	283	306	291	270	207	105	285	248
8:00	326	318	320	301	305	252	161	314	283
9:00	299	340	355	337	306	306	236	327	311
10:00	320	307	344	338	339	378	312	330	334
11:00	309	332	330	375	359	430	355	341	356
12:00	353	348	344	340	360	463	428	349	377
13:00	345	370	337	328	374	520	365	351	377
14:00	381	374	389	423	429	496	316	399	401
15:00	500	492	492	515	507	488	396	501	484
16:00	631	618	637	633	662	389	394	636	566
17:00	693	697	647	712	664	443	390	683	607
18:00	505	553	604	536	592	464	369	558	518
19:00	285	365	379	384	367	286	223	356	327
20:00	217	253	296	259	209	219	187	247	234
21:00	146	166	201	229	195	205	137	187	183
22:00	103	97	125	113	162	167	110	120	125
23:00	39	40	66	74	94	127	40	63	69
Total	6064	6311	6502	6529	6544	6098	4741	6390	6113

7-19	4939	5032	5105	5129	5167	4836	3827	5074	4862
6-22	5774	6033	6172	6201	6121	5640	4429	6060	5767
6-24	5916	6170	6363	6388	6377	5934	4579	6243	5961
0-24	6064	6311	6502	6529	6544	6098	4741	6390	6113

Job No N3891
Client TTPP
Site Nirranda St
Location Nirranda St
Site No 3
Start Date 5-Feb-18
Description Volume Summary
Direction EB



Hour Starting	Day of Week							W'Day Ave	7 Day Ave
	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb		
AM Peak	21	26	18	21	19	23	23	326	324
PM Peak	29	41	46	38	31	43	28		
0:00	1	1	1	0	1	0	3	1	1
1:00	4	1	0	1	0	1	0	1	1
2:00	0	0	1	0	0	1	1	0	0
3:00	0	0	0	1	0	1	0	0	0
4:00	1	2	1	2	0	0	0	1	1
5:00	3	5	2	3	3	3	2	3	3
6:00	7	9	10	8	9	7	4	9	8
7:00	21	15	18	17	15	12	9	17	15
8:00	16	17	11	15	11	15	8	14	13
9:00	13	19	18	21	19	13	17	18	17
10:00	12	18	16	13	12	21	20	14	16
11:00	11	26	15	17	14	23	23	17	18
12:00	19	20	29	21	31	32	28	24	26
13:00	17	26	21	21	19	43	18	21	24
14:00	16	19	10	19	17	34	16	16	19
15:00	19	24	27	25	19	25	20	23	23
16:00	18	26	29	31	28	23	21	26	25
17:00	29	41	32	38	26	19	25	33	30
18:00	21	27	46	31	18	27	12	29	26
19:00	14	25	18	14	21	25	13	18	19
20:00	16	19	20	18	23	33	8	19	20
21:00	11	11	11	18	7	9	5	12	10
22:00	3	6	5	5	9	10	6	6	6
23:00	1	4	6	2	4	4	1	3	3
Total	273	361	347	341	306	381	260	326	324

7-19	212	278	272	269	229	287	217	252	252
6-22	260	342	331	327	289	361	247	310	308
6-24	264	352	342	334	302	375	254	319	318
0-24	273	361	347	341	306	381	260	326	324

Job No N3891
Client TTPP
Site Nirranda St
Location Nirranda St
Site No 3
Start Date 5-Feb-18
Description Volume Summary
Direction WB



Hour Starting	Day of Week							W'Day Ave	7 Day Ave
	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb		
AM Peak	17	22	24	18	21	28	29	341	341
PM Peak	29	37	33	38	33	31	30		
0:00	0	0	0	0	4	5	17	1	4
1:00	1	1	1	0	0	0	5	1	1
2:00	0	0	1	0	0	0	4	0	1
3:00	0	0	0	0	0	0	2	0	0
4:00	3	0	0	0	0	0	0	1	0
5:00	5	6	8	1	4	1	3	5	4
6:00	11	9	11	12	16	6	5	12	10
7:00	15	20	19	16	21	12	5	18	15
8:00	17	22	24	18	17	16	11	20	18
9:00	10	12	8	15	16	24	12	12	14
10:00	12	12	12	15	13	28	20	13	16
11:00	16	19	20	14	16	19	29	17	19
12:00	14	13	15	24	19	17	19	17	17
13:00	23	13	18	15	17	30	26	17	20
14:00	9	22	23	18	21	24	24	19	20
15:00	26	33	23	38	27	18	30	29	28
16:00	22	34	33	33	29	31	22	30	29
17:00	29	33	25	26	27	30	20	28	27
18:00	20	30	33	28	33	26	19	29	27
19:00	20	37	25	28	31	25	14	28	26
20:00	16	23	21	28	20	23	13	22	21
21:00	16	8	14	11	15	9	4	13	11
22:00	4	7	14	4	5	11	8	7	8
23:00	0	5	3	1	8	16	0	3	5
Total	289	359	351	345	359	371	312	341	341

7-19	213	263	253	260	256	275	237	249	251
6-22	276	340	324	339	338	338	273	323	318
6-24	280	352	341	344	351	365	281	334	331
0-24	289	359	351	345	359	371	312	341	341

Annexure B

Parking Count Data

Client TTPP
Location 1. Concord RSL
Date Thu, 8th Feb 2018 (17:00-20:00)
Description Concord RSL Parking Survey



Side of the Street	Parking Restriction	Time Restrictions	Available Spaces	17:00	18:00	19:00	20:00
Red Zone	No Restriction		20	9	6	7	5
	Disabled		2	0	1	1	1
	No Restriction	Director Only	6	1	0	1	1
	No Restriction	SEC Manager Only	1	1	0	0	0
	No Restriction		5	3	3	2	2
	No Restriction	Womens Auxillary President	1	0	0	0	0
	No Restriction	Sub Branch President Only	1	0	1	1	0
	Disabled		1	0	0	0	0
	No Restriction		16	5	6	6	6
	No Restriction		8	4	6	3	2
	No Restriction		12	4	4	0	1
	Disabled		2	0	0	0	0
Blue Zone	No Restriction	Few cars parked at the location Blue Zone		5	7	6	7
Total			75	32	34	27	25
% Capacity				43%	45%	36%	33%

Client TTPP
Location 1. Concord RSL
Date Fri, 9th Feb 2018 (17:00-20:00)
Description Concord RSL Parking Survey



Side of the Street	Parking Restriction	Time Restrictions	Available Spaces	17:00	18:00	19:00	20:00
Red Zone	No Restriction		20	8	15	14	11
	Disabled		2	0	0	0	0
	No Restriction	Director Only	6	0	1	3	1
	No Restriction	SEC Manager Only	1	0	0	1	0
	No Restriction		5	2	5	4	1
	No Restriction	Womens Auxillary President	1	0	0	0	0
	No Restriction	Sub Branch President Only	1	0	0	0	0
	Disabled		1	0	0	0	0
	No Restriction		16	11	15	11	8
	No Restriction		8	7	8	8	2
	No Restriction		12	5	9	9	6
	Disabled		2	0	0	0	0
Blue Zone	No Restriction	Few cars parked at the location Blue Zone		12	22	18	12
Total			75	45	75	68	41
% Capacity				60%	100%	91%	55%

Client	TTPP
Date	Thu, 8th Feb 2018 (17:00-20:00)
Description	Concord RSL Parking Survey



Location
1. Concord RSL

Client TTPP
Location 1. Concord RSL
Date Thu, 8th Feb 2018 (17:00-20:00)
Description Concord RSL Parking Survey



Side of the Street	Parking Restriction	Time Restrictions	Available Spaces	17:00	18:00	19:00	20:00
Red Zone	No Restriction		20	9	6	7	5
	Disabled		2	0	1	1	1
	No Restriction	Director Only	6	1	0	1	1
	No Restriction	SEC Manager Only	1	1	0	0	0
	No Restriction		5	3	3	2	2
	No Restriction	Womens Auxillary President	1	0	0	0	0
	No Restriction	Sub Branch President Only	1	0	1	1	0
	Disabled		1	0	0	0	0
	No Restriction		16	5	6	6	6
	No Restriction		8	4	6	3	2
	No Restriction		12	4	4	0	1
	Disabled		2	0	0	0	0
Blue Zone	No Restriction	Few cars parked at the location Blue Zone		5	7	6	7
Total			75	32	34	27	25
% Capacity				43%	45%	36%	33%

Client	TTPP
Date	Fri, 9th Feb 2018 (17:00-20:00)
Description	Concord RSL Parking Survey



Location
1. Concord RSL

Client TTPP
Location 1. Concord RSL
Date Fri, 9th Feb 2018 (17:00-20:00)
Description Concord RSL Parking Survey



Side of the Street	Parking Restriction	Time Restrictions	Available Spaces	17:00	18:00	19:00	20:00
Red Zone	No Restriction		20	8	15	14	11
	Disabled		2	0	0	0	0
	No Restriction	Director Only	6	0	1	3	1
	No Restriction	SEC Manager Only	1	0	0	1	0
	No Restriction		5	2	5	4	1
	No Restriction	Womens Auxillary President	1	0	0	0	0
	No Restriction	Sub Branch President Only	1	0	0	0	0
	Disabled		1	0	0	0	0
	No Restriction		16	11	15	11	8
	No Restriction		8	7	8	8	2
	No Restriction		12	5	9	9	6
	Disabled		2	0	0	0	0
Blue Zone	No Restriction	Few cars parked at the location Blue Zone		12	22	18	12
Total			75	45	75	68	41
% Capacity				60%	100%	91%	55%