





Street	Between	Restrictions	Supply	Occupancy														Average	Average Occupancy
				7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00				
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	1	1	2	1	2	1	1	0	1	1	1	0	1	0	1	50%
		No Parking		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
		Loading Zone 8:30am - 6pm	2	0	1	1	0	0	0	0	0	0	0	0	0	0	1	13%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	17%	
		No Stopping		0	0	0	0	1	0	0	0	0	0	0	0	0	0	#DIV/0!	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	0	0	2	1	1	0	1	0	2	0	0	1	1	1	33%	
<b>Amy Street</b>																			
<b>North Side</b>	Dewar St To Beamish St	No Parking		0	0	0	0	0	1	1	1	1	0	0	0	0	0	#DIV/0!	
<b>South Side</b>	Beamish St To Amy Ln	Disabled 90 Degree Rear to Kerb	2	0	2	2	2	2	2	1	1	2	1	1	1	1	1	71%	
		1P 90 Degree 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	7	3	7	7	7	7	7	7	7	7	6	6	7	7	7	93%	
		1P 90 Degree 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	7	2	7	6	5	7	7	7	7	7	7	6	7	6	6	89%	
	Amy Ln To Rudd Pde	Mail Zone	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	25%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	2	6	8	8	8	8	8	8	8	8	8	6	7	7	89%	
<b>Amy Lane</b>																			
<b>West Side</b>	Amy St To Evaline St	No Parking		0	0	0	0	1	0	0	0	0	0	0	0	0	0	#DIV/0!	
		No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	1	0	0	1	0	0	0	0	1	0	0	0	0	0	4%	
<b>East Side</b>	Evaline St To Amy St	No Stopping		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
		No Parking		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
<b>Rudd Parade</b>																			
<b>West Side</b>	Amy St To Evaline St	No Stopping		0	0	0	1	1	0	0	0	0	0	0	0	0	0	#DIV/0!	
	Evaline St To Claremont St	Access to Woolworths car park		0	0	0	0	2	0	1	0	0	3	0	0	1	1	#DIV/0!	
<b>East Side</b>	Evaline St To Amy St	No Stopping		0	0	0	1	0	0	0	0	1	0	0	0	0	0	#DIV/0!	
<b>Campsie Street</b>																			
<b>North Side</b>	London St To Beamish St	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	0	2	2	6	3	5	5	2	4	4	4	3	3	3	42%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	1	1	3	1	3	1	1	0	1	2	2	1	1	44%	
<b>South Side</b>	Beamish St To Dispensary Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	0	0	1	3	2	4	3	1	1	0	4	4	2	2	38%	
		1P 8:30am - 12:30pm Sat	2	0	0	1	0	0	2	0	0	0	1	1	1	1	1	25%	
		No Stopping (No Parking 8:30am - 6pm Mon to Fri)		0	1	0	0	1	1	0	0	0	0	0	0	0	0	#DIV/0!	
	Dispensary Ln To London St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	0	1	3	1	3	1	3	1	0	3	1	3	2	2	42%	
<b>Ninth Avenue</b>																			
<b>North Side</b>	Sixth Ave To Beamish Ave	No Stopping		0	3	8	5	5	8	2	5	6	4	5	6	5	5	#DIV/0!	
<b>South Side</b>	Beamish St To Sixth Ave	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	1	3	5	2	7	7	2	4	3	5	3	3	4	4	54%	
		No Parking		0	0	0	0	1	0	0	0	0	0	0	0	1	0	#DIV/0!	
		Loading Zone 9:30am - 3:30pm Mon to Sat	2	0	0	1	1	0	1	0	0	1	1	0	1	1	1	25%	
<b>Dewar Street</b>																			
<b>East Side</b>	Lilian Ln To Anzac Square	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	1	3	3	3	3	3	2	3	0	3	2	2	2	78%	
		Disabled	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	67%	
	Anzac Square To Amy St	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	2	3	2	2	3	3	2	2	2	3	2	2	2	75%	
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	1	3	3	3	3	2	3	2	2	2	3	2	2	75%	
<b>West Side</b>	Amy St To Anzac Square	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	2	3	3	3	3	3	3	3	3	3	3	3	3	89%	
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	2	2	2	2	2	2	3	2	2	2	2	2	2	67%	
	Anzac Square To Lillian Ln	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	0	2	5	4	4	3	4	4	4	4	3	3	3	3	83%	
<b>Lilian Street</b>																			
<b>South Side</b>	Beamish St To Dewar St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	1	1	8	6	7	6	3	4	4	3	6	5	5	5	64%	
<b>South Parade</b>																			
<b>North Side</b>	Beamish St To Duke St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	1	2	2	2	2	1	1	2	2	2	2	2	2	88%	
		Bus Zone	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2%	
<b>South Side</b>	Duke St To Harold St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	3	2	3	2	2	3	2	2	2	3	0	2	2	75%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	2	2	2	1	1	1	2	0	0	3	1	2	2	50%	
	Harold St To Beamish Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	0	0	0	0	3	1	1	2	3	3	2	2	1	1	35%	
	Beamish Ln To Beamish St	Bus Zone	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	
<b>Beamish Lane</b>																			
<b>West Side</b>	South Pde To Evaline St	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	26	4	3	2	6	5	6	5	6	9	8	5	6	5	5	21%	
<b>Harold Street</b>																			
<b>West Side</b>	Southern end To South Pde	No Parking 8:30am - 9:30am & 2:30am - 3:30pm School Days	11	0	0	6	3	3	2	1	1	0	3	2	4	2	2	19%	
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	1	6	4	3	2	3	5	5	3	5	6	4	4	4	65%	
<b>East Side</b>	South Pde To Southern end	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	4	10	9	8	6	7	9	7	6	3	5	7	7	7	61%	
<b>North Parade</b>																			
<b>North Side</b>	London St To Dispensary Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	1	0	2	3	2	1	1	0	2	2	1	1	1	44%	
	Dispensary Ln To Beamish St	Bus Zone	4	0	0	0	1	0	0	0	0	1	0	1	0	0	0	6%	
	Beamish St To Clissold Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	2	1	3	2	2	3	4	4	5	3	3	3	3	3	73%	
	Clissold Ln To Eastern end (30)	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	0	2	6	4	3	5	6	3	4	3	4	5	4	4	47%	
<b>South Side</b>	Eastern end (30) To Beamish St	Disabled 90 Degree Rear To Kerb	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	
		Disabled	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	25%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	0	2	1	2	1	2	1	2	1	2	2	1	1	1	71%	
		Taxi Zone	9	3	0	5	0	4	5	2	0	0	3	1	0	2	2	21%	
	Beamish St To No 2 Wilfred Ave	Loading Zone	2	0	0	0	1	1	0	1	0	0	0	0	0	0	0	13%	



Street	Between	Restrictions	Supply	Occupancy														Average	Average Occupancy
				7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00				
		P0 Disabled	5	0	0	3	5	5	5	2	2	5	1	3	3	3	57%		
		P5 Normal (3 places chained off)	19	1	7	16	16	16	16	16	16	16	16	14	16	14	73%		
		P4 Normal	118	3	22	74	118	118	118	118	118	114	115	113	105	95	80%		
			Disabled	2	0	2	2	1	2	1	1	1	2	2	0	0	1	58%	
		P3 Normal	106	2	17	73	105	104	106	103	104	101	98	96	90	83	79%		
			Disabled	4	0	3	4	4	4	4	4	4	4	2	3	3	83%		
		P2 Normal	115	2	41	53	115	115	115	115	115	101	97	96	39	84	73%		
			Disabled	5	0	0	8	5	2	2	4	3	1	2	1	1	2	48%	
		P1 Normal	120	1	8	14	54	111	84	97	89	64	87	84	22	60	50%		
Evaline St - North Side	Harold St Reserve Car Park	Unrestricted 90 Degree	22	22	22	22	22	22	22	22	22	22	12	11	16	20	90%		
		Disabled	1	0	1	1	1	0	0	0	0	1	0	0	0	0	33%		
Lilian Ln - South Side	Medical Centre	Customer Parking	12	3	5	4	8	10	7	5	5	7	9	7	6	6	53%		
		Disabled	1	0	0	1	1	1	1	0	0	1	1	1	0	1	58%		
South Pde - South Side	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	25	14	32	23	25	23	22	23	18	20	24	18	19	22	87%		
		Disabled	2	2	2	2	1	2	1	2	2	1	2	0	0	1	71%		
North Pde (Wilfred Ave) - North Side	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	42	6	10	24	31	35	38	32	35	42	40	39	29	30	72%		
		Disabled	1	0	1	1	1	1	1	0	0	1	1	1	1	1	75%		
London St - East Side	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	16	3	4	8	10	12	8	10	12	15	10	13	10	10	60%		
		Disabled	1	1	1	1	1	1	0	1	1	0	1	1	0	1	75%		
Clissold Pde - North Pde	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	28	0	3	5	16	20	21	26	14	21	27	20	18	16	57%		
		Disabled	1	0	1	1	1	0	1	1	0	1	1	1	1	1	75%		
Shakespeare St - West Side	Council Owned Car Park	Normal	20	1	3	12	20	17	18	17	15	18	19	14	12	14	69%		
	Medical Centre Car Park	2P	16	2	8	9	14	12	13	12	12	14	13	10	9	11	67%		
		Disabled	2	0	0	0	1	0	0	2	1	1	2	1	2	1	42%		
	Orion Customer Parking	Normal	45	11	10	8	11	9	10	11	8	9	6	7	6	9	20%		
		Disabled	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0%		
	Council Customer Parking	Reserved	10	5	6	5	10	6	8	7	10	8	8	6	5	7	70%		
		Normal	63	4	28	42	56	52	58	51	56	58	50	48	43	46	72%		
		Disabled	2	0	0	0	1	0	0	1	0	1	0	1	0	0	17%		
		Councillor	4	0	1	0	3	3	2	2	1	2	1	0	0	0	31%		
		No Stopping	0	0	0	0	0	0	1	0	0	0	1	0	0	0	#DIV/0!		
<b>Total parking available</b>			<b>1645</b>	<b>217</b>	<b>529</b>	<b>885</b>	<b>1221</b>	<b>1338</b>	<b>1325</b>	<b>1248</b>	<b>1173</b>	<b>1203</b>	<b>1222</b>	<b>1145</b>	<b>971</b>	<b>1040</b>	<b>63%</b>		
% occupancy				13%	32%	54%	74%	81%	81%	76%	71%	73%	74%	70%	59%	63%			

No Parking/Clearway with Time Restraints	0	11	11	0	0	0	0	11	26	15	15	15
Supply	1556	1545	1545	1556	1556	1556	1556	1545	1530	1541	1541	1541
Demand	211	519	875	1206	1322	1308	1232	1163	1191	1210	1139	964
% occupancy	14%	34%	57%	78%	85%	84%	79%	75%	78%	79%	74%	63%

Short term	550	133	249	358	383	429	431	416	362	391	422	391	384
		21%	45%	65%	70%	78%	78%	76%	66%	71%	77%	71%	70%
Long term	189	46	75	108	134	129	143	122	130	137	122	103	98
		24%	40%	57%	71%	68%	76%	65%	69%	72%	65%	54%	52%
Disabled	46	4	20	36	36	33	32	29	19	25	27	22	19
		9%	43%	78%	78%	72%	70%	63%	43%	54%	59%	48%	41%
Private (short term)	16	2	8	9	14	12	13	12	12	14	13	10	9
		13%	50%	56%	88%	75%	81%	75%	88%	81%	63%	56%	
Private (long term)	755	37	148	331	621	682	650	634	621	593	600	582	425
		5%	20%	44%	82%	90%	86%	84%	82%	79%	79%	77%	56%
Bus/Loading/Mail Zone	89	6	10	10	15	16	16	16	10	12	11	6	7
		7%	11%	13%	17%	18%	18%	18%	11%	13%	12%	7%	8%
No stopping/No parking	0	9	19	33	18	37	39	19	19	31	26	31	29
Total	1645	217	529	885	1221	1338	1324	1248	1173	1203	1222	1145	971
		13%	32%	54%	74%	81%	80%	76%	71%	73%	74%	70%	59%
Model Short Term	566	124	276	400	445	478	483	447	393	436	461	432	422
		22%	49%	71%	73%	84%	85%	79%	69%	77%	81%	76%	75%
Long Term (incl dis)	590	87	243	475	731	844	835	785	770	755	765	707	542
		9%	25%	48%	80%	84%	83%	78%	78%	76%	76%	71%	55%
All minus LT	655	130	286	410	430	436	590	463	493	448	472	430	439
		20%	44%	64%	66%	74%	76%	71%	62%	68%	72%	67%	64%
Long Term	944	83	223	439	755	811	793	756	751	730	722	685	523
		9%	24%	47%	80%	86%	84%	80%	80%	77%	76%	73%	55%
Total	1556	211	519	875	1206	1322	1308	1232	1163	1191	1210	1139	964
		14%	33%	56%	78%	85%	84%	79%	75%	77%	78%	73%	62%





Street	Between	Restrictions	Supply	Occupancy														Average	Average Occupancy
				7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00				
	Beamish Ln To Harold St	1/2P 9:30am-2:30pm & 3:30pm-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 8:30am-9:30am & 2:30pm-3:30pm School Days)	6	1	2	2	4	4	4	4	4	4	5	6	5	6	4	65%	
South Side	Harold St To Hill St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	0	3	2	6	6	3	4	4	5	8	4	2	4	4	49%	
	Beamish St To Rudd Pde	Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	2	0	0	1	1	2	2	2	1	2	0	0	1	1	2	50%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	0	2	1	2	2	2	1	2	2	1	2	2	1	2	79%	
		No Parking	0	0	0	1	1	0	0	0	1	0	0	1	0	0	0	#DIV/0!	
		Loading Zone 8:30am - 6pm	2	0	0	0	2	2	2	1	2	2	0	1	2	1	2	58%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	0	1	2	1	2	1	1	1	1	1	1	1	1	1	108%	
		No Stopping	0	1	0	2	2	2	3	1	0	0	1	0	1	0	1	#DIV/0!	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	0	1	2	1	2	2	2	2	0	1	0	0	1	54%		
Amy Street																			
North Side	Rudd Pde To Dewar St	Unrestricted	5	1	2	4	3	4	4	4	4	4	5	6	3	4	73%		
	Dewar St To Beamish St	No Parking	0	0	1	1	2	1	1	3	1	1	0	1	1	1	#DIV/0!		
South Side	Beamish St To Amy Ln	Disabled 90 Degree Rear to Kerb	2	1	0	2	2	1	2	2	2	2	2	2	2	2	2	83%	
		1P 90 Degree 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	7	2	4	6	7	7	5	8	6	8	7	5	7	6	86%		
		1P 90 Degree 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	7	2	5	7	7	7	7	7	7	7	7	7	4	6	88%		
	Amy Ln To Rudd Pde	Mail Zone	1	1	1	1	1	1	1	0	0	0	0	0	0	1	58%		
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	3	6	7	8	7	7	7	7	8	8	6	5	7	82%		
Amy Lane																			
West Side	Amy St To Evaline St	No Parking	0	0	0	3	3	3	3	3	2	0	1	2	2	2	#DIV/0!		
		No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	2	4	5	3	6	4	5	5	4	6	5	3	4	72%		
East Side	Evaline St To Amy St	No Stopping	0	0	1	0	1	0	2	2	2	0	1	0	1	0	#DIV/0!		
		No Parking	0	0	0	0	1	0	0	0	0	0	0	0	0	0	#DIV/0!		
Rudd Parade																			
West Side	Amy St To Evaline St	No Stopping	0	1	4	6	7	8	6	6	6	10	11	8	6	6	#DIV/0!		
	Evaline St To Claremont St	Access to Woolworths car park	4	8	11	10	11	7	3	4	5	7	6	5	7	7	#DIV/0!		
East Side	Evaline St To Amy St	No Stopping	0	0	0	0	0	0	0	0	0	1	0	0	0	0	#DIV/0!		
Campsie Street																			
North Side	London St To Beamish St	Unrestricted	6	3	3	5	3	3	4	5	5	4	6	6	4	4	71%		
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	4	6	3	2	6	4	5	6	8	8	6	5	6	63%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	2	1	0	1	1	0	1	2	1	3	2	2	1	44%		
South Side	Beamish St To Dispensary Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	2	5	4	3	3	4	2	2	6	6	5	6	4	80%		
		1P 8:30am - 12:30pm Sat	2	1	2	1	0	0	1	0	1	1	2	2	1	1	50%		
		No Stopping (No Parking 8:30am - 6pm Mon to Fri)	0	0	0	0	1	0	0	1	0	0	0	0	0	0	#DIV/0!		
	Dispensary Ln To London St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	1	0	1	1	2	0	3	4	3	4	4	3	2	54%		
Ninth Avenue																			
North Side	Sixth Ave To Beamish Ave	No Stopping	4	5	6	8	8	9	8	7	7	4	3	3	6	6	#DIV/0!		
South Side	Beamish St To Sixth Ave	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	3	7	7	6	7	5	5	6	5	6	7	7	6	85%		
		No Parking	0	0	1	0	0	1	1	1	1	1	1	1	1	1	#DIV/0!		
		Loading Zone 9:30am - 3:30pm Mon to Sat	2	0	1	2	0	1	0	0	1	2	0	1	2	1	42%		
Dewar Street																			
East Side	Lilian Ln To Anzac Square	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	2	2	2	3	4	3	1	1	3	3	1	2	72%		
		Disabled	1	0	1	1	1	1	0	1	0	0	1	1	0	1	58%		
	Anzac Square To Amy St	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	2	3	3	3	2	1	2	2	4	3	3	2	81%		
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	3	3	3	3	3	2	3	3	3	3	3	3	97%		
West Side	Amy St To Anzac Square	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	2	3	3	3	3	3	3	3	2	1	3	3	89%		
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	2	3	3	3	3	3	3	3	3	3	3	3	3	97%		
	Anzac Square To Lillian Ln	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	4	2	4	3	2	4	1	4	4	3	1	3	73%		
Lilian Street																			
North Side	Dewar St To Beamish St	Unrestricted 90 Degree	10	4	5	4	6	2	8	6	2	2	6	2	4	4	43%		
		Unrestricted	6	0	2	0	0	4	0	0	0	3	3	2	4	2	25%		
South Side	Beamish St To Dewar St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	0	2	0	2	3	1	0	1	0	3	2	2	1	19%		
South Parade																			
North Side	Beamish St To Duke St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	1	2	0	2	2	2	2	1	1	2	2	2	2	79%		
		Bus Zone	4	0	1	0	1	1	2	0	0	0	1	0	0	1	13%		
South Side	Duke St To Harold St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	2	0	3	4	2	2	1	2	3	3	2	2	69%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	2	2	0	2	3	2	1	2	0	2	2	1	2	53%		
	Harold St To Beamish Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	4	1	4	4	4	3	3	2	4	4	2	3	79%		
	Beamish Ln To Beamish St	Bus Zone	4	0	0	0	0	0	0	2	0	0	0	1	0	0	6%		
Beamish Lane																			
West Side	South Pde To Evaline St	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	26	2	1	0	0	4	5	6	6	12	14	18	15	7	27%		
Harold Street																			
West Side	Southern end To South Pde	No Parking 8:30am - 9:30am & 2:30am - 3:30pm School Days	11	5	7	6	6	6	7	7	6	7	10	9	9	7	64%		
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	4	4	1	4	5	4	3	4	3	3	3	3	3	57%		
East Side	South Pde To Southern end	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	9	8	8	7	9	8	7	9	8	10	11	8	9	77%		
North Parade																			
North Side	No 2 Wilfred Ave To London St	Unrestricted	8	7	6	6	6	5	7	8	6	4	7	7	5	6	77%		
	London St To Dispensary Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	1	3	1	3	3	3	2	2	3	3	2	2	81%		
	Dispensary Ln To Beamish St	Bus Zone	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0%		

Street	Between	Restrictions	Supply	Occupancy														Average	Average Occupancy
				7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00				
	Beamish St To Clissold Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	2	3	2	3	4	4	2	4	3	4	5	2	3	79%		
	Clissold Ln To Eastern end (30)	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	1	5	1	5	7	6	7	7	6	8	8	4	5	68%		
		Unrestricted	4	0	2	0	2	3	1	3	3	3	4	3	4	2	58%		
South Side	Eastern end (30) To Beamish St	Unrestricted 90 Degree Rear To Kerb	25	13	17	13	17	22	18	17	12	21	24	22	14	18	70%		
		Disabled 90 Degree Rear To Kerb	1	1	1	1	1	1	0	0	0	0	0	0	1	1	50%		
		Disabled	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	1	1	1	1	1	1	1	1	1	2	2	2	1	63%		
		Taxi Zone	9	3	4	3	4	6	3	3	3	3	2	4	4	4	39%		
	Beamish St To No 2 Wilfred Ave	Loading Zone	2	2	1	2	1	1	1	2	3	1	1	1	2	2	75%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	0	0	0	0	0	0	0	0	2	0	1	0	8%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	2	3	2	2	3	3	1	3	3	2	1	2	78%		
		Unrestricted	27	27	27	27	27	26	28	29	27	25	24	25	24	26	98%		
London Street																			
West Side	Campsie St To North Pde	Unrestricted	9	5	7	7	8	7	8	8	8	7	7	7	7	7	80%		
East Side	North Pde To Campsie St	No Stopping		0	0	1	0	0	1	2	1	1	0	0	1	1	#DIV/0!		
		No Parking 8:30am - 6pm Mon to Fri	2	0	2	0	2	1	2	2	0	2	2	2	2	1	71%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	3	3	3	4	3	3	3	2	4	3	2	3	75%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	2	2	2	2	2	3	2	2	2	3	3	2	2	75%		
Dispensary Lane																			
West Side	Campsie St To North Pde	No Parking		0	0	0	0	0	0	0	0	0	0	1	0	0	#DIV/0!		
East Side	North Pde To Campsie St	No Parking		0	0	0	0	0	1	3	0	0	0	1	0	0	#DIV/0!		
Clissold Parade																			
North Side	Beamish St To Shakespeare St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	3	3	2	1	1	2	2	3	2	2	3	2	75%		
		Loading Zone	2	0	1	1	1	1	1	2	1	0	0	1	1	1	42%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	2	1	1	1	2	1	2	2	3	4	3	3	2	52%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	0	1	0	1	0	1	0	1	1	2	1	1	1	38%		
South Side	Shakespeare St To Clissold Ln	Unrestricted	4	4	4	3	4	2	3	3	2	3	4	3	3	3	79%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	4	2	3	4	3	1	0	0	4	5	4	5	3	58%		
	Clissold Ln To Beamish St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	2	2	4	3	5	2	2	2	2	3	125%		
Clissold Lane																			
West Side	Clissold St To North Pde	No Stopping		0	0	0	0	0	1	0	1	0	0	0	0	0	#DIV/0!		
		No Parking		0	0	0	0	0	0	0	0	1	1	0	1	0	#DIV/0!		
		Loading Zone	2	0	0	0	0	1	0	0	0	0	0	0	0	0	4%		
		No Stopping		0	0	0	0	0	0	0	1	0	0	0	0	0	#DIV/0!		
East Side	North Pde To Clissold St	No Stopping		0	1	0	1	2	2	1	1	2	2	0	0	1	#DIV/0!		
		No Parking		0	0	1	0	0	1	2	2	1	0	0	1	1	#DIV/0!		
Brighton Avenue																			
North Side	Beamish St To Shakespeare St	No Stopping		0	0	0	0	0	0	2	0	0	0	0	0	0	#DIV/0!		
South Side	Shakespeare St To Beamish St	Bus Zone	4	0	0	0	0	0	1	0	0	0	0	1	0	0	4%		
Shakespeare Street																			
West Side	Clissold St To Brighton Ave	Unrestricted	28	8	14	16	8	12	17	16	18	19	21	20	16	15	55%		
East Side	Brighton Ave To Clissold St	Unrestricted	32	8	8	8	8	14	15	18	21	25	30	28	25	17	54%		
		Bus Zone	3	3	1	3	1	1	0	0	0	1	0	0	1	1	31%		
Sixth Avenue																			
East Side	Eighth Ave To Ninth Ave	Unrestricted	20	17	17	17	16	18	18	15	16	15	16	18	15	17	83%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	3	3	4	1	3	3	2	3	3	5	3	3	3	60%		
West Side	Ninth Ave To Eighth Ave	Unrestricted	23	20	20	19	14	16	12	8	15	16	16	16	16	16	68%		
Eighth Avenue																			
North Side	Sixth Ave To Beamish St	Unrestricted	12	4	7	5	8	8	7	5	9	7	10	10	8	7	61%		
South Side	Beamish St To Sixth Ave	Unrestricted	4	2	2	3	1	2	2	2	1	4	4	3	2	2	58%		
		Truck Zone 6am - 4pm Thurs	4	3	3	4	2	2	3	4	3	2	0	2	2	3	63%		
		Unrestricted	7	4	3	2	5	5	4	6	3	5	6	6	5	5	64%		
Anzac Square																			
EAST OUTER																			
North Side	Dewar St To Nth East corner	No Parking Authorised Salvation Army Vehicles Excepted (45 Degree rear to kerb)	2	0	1	1	2	2	2	0	0	0	0	0	0	1	33%		
		2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (45 Degree rear to kerb)	9	7	8	8	9	9	8	9	9	7	9	9	7	8	92%		
East Side	Nth East corner To Sth East corner	Loading Zone 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (90 Degree Parking)	2	0	0	1	0	3	2	1	1	2	0	2	2	1	58%		
		Disabled (90 Degree Parking)	2	1	1	2	1	2	2	2	2	2	1	1	2	2	79%		
		Disabled (90 Degree Parking)	2	0	0	2	2	2	1	2	1	2	2	2	2	2	75%		
		Loading Zone (90 Degree Parking)	2	0	0	0	1	3	2	0	2	1	0	1	1	1	46%		
South Side	Sth East corner To Dewar St	2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat(45 deg rear to kerb)	7	5	6	0	8	8	7	7	6	5	7	7	4	6	83%		
		2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat(45 deg rear to kerb)	4	3	3	3	3	3	3	2	2	2	3	3	1	3	65%		

Street	Between	Restrictions	Supply	Occupancy															Average	Average Occupancy
				7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00					
<b>EAST INNER</b>																				
North Side	Dewar St To Sth East corner	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	7	6	7	6	6	6	6	6	6	5	4	6	5	4	#DIV/0!	#DIV/0!	
South Side	Nth East corner To Dewar St	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	6	6	6	6	6	5	6	4	3	4	5	5	5	5	5	86%	
<b>WEST OUTER</b>																				
	Dewar St To Sth West corner	2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat(45 Degree rear to kerb)	4	4	4	4	4	4	4	4	4	3	4	4	4	3	4	4	96%	
		2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat(45 Degree rear to kerb)	6	4	5	4	5	5	4	4	4	4	4	4	4	4	4	4	71%	
	Sth West corner To Anglo St	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	2	2	1	2	0	2	2	2	2	2	2	2	88%	
	Anglo St To North West corner	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	2	2	1	2	1	0	0	0	0	0	0	1	58%	
	North West corner To Dewar St	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat (45	10	8	8	5	8	10	9	10	9	8	10	10	8	9	8	9	86%	
		Taxi Zone	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	
<b>WEST INNER</b>																				
	Dewar St To North West corner	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	8	8	8	8	8	7	6	6	3	7	6	3	7	6	3	81%	
	North West corner To Sth West corner	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	3	3	3	2	2	3	2	1	1	1	1	1	1	2	69%	
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	3	3	3	4	2	4	3	0	0	0	0	0	0	2	52%	
	Sth West corner To Dewar St	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	92%	
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	4	4	5	6	6	6	5	6	5	5	4	2	5	5	81%		
<b>Marlowe Street</b>																				
West side	Southern end (9) To Claremont St	Unrestricted																		
East end	Claremont St To Southern end (8)	Unrestricted																		
<b>Off-Street Location</b>																				
Claremont St - North Side	Woolworths Customer Car Park	Normal	45	38	39	39	42	40	32	34	44	37	40	41	25	38	38	84%		
		Disabled	4	4	4	4	5	4	3	3	5	1	1	1	1	3	3	75%		
		Underground	57	56	56	56	57	57	51	55	57	50	52	45	45	53	53	93%		
Hill St - North Side	Free Customer Car Park	2Hr Free Car Park, 9am - 6:30pm Mon to Fri & 9am - 1pm	52	45	41	41	41	43	50	47	38	43	45	45	38	43	43	83%		
		Disabled	4	4	4	4	4	4	4	2	2	2	0	3	4	3	77%			
Evaline St - North Side	Campsie Centre Customer Parking																			
		P6	Normal	100	45	48	49	85	99	87	98	98	95	95	96	72	81	81%		
			Disabled	5	2	2	2	5	5	4	3	3	1	2	2	3	60%			
		P5	Normal (3 places chained off)	19	15	15	16	16	16	16	16	16	12	15	16	10	15	79%		
			Normal	118	92	94	94	118	118	118	115	118	110	112	115	92	108	92%		
			Disabled	2	0	0	0	1	2	2	2	0	1	2	1	1	1	50%		
		P4	Normal	106	42	45	56	105	104	100	104	104	102	100	95	86	87	82%		
			Disabled	4	2	2	3	4	4	4	3	4	4	4	4	4	4	86%		
		P3	Normal	115	10	12	14	80	115	115	108	110	112	112	112	112	84	73%		
			Disabled	5	0	0	0	3	2	5	2	2	4	5	3	3	2	48%		
		P2	Normal	120	4	4	8	16	76	76	77	75	82	85	95	78	56	47%		
			Disabled	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0%		
Evaline St - North Side	Harold St Reserve Car Park	Unrestricted 90 Degree	22	8	10	12	14	14	20	17	13	19	20	18	16	15	69%			
		Disabled	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%		
Lillian Ln - South Side	Medical Centre	Customer Parking	12	2	8	12	10	11	11	12	11	11	10	12	10	10	83%			
		Disabled	1	0	0	1	0	0	0	0	0	0	1	0	0	0	17%			
South Pde - North Side	Free Commuter Car Park	Unrestricted 90 Degree	39	12	26	23	36	37	33	19	27	17	22	25	24	25	64%			
South Pde - South Side	Free Customer Car Park	2Hr Free Car Park, 9am - 6:30pm Mon to Fri & 9am - 1pm	25	5	15	17	21	23	22	24	25	25	25	22	20	20	81%			
		Disabled	2	0	0	1	1	1	1	1	0	1	1	0	1	1	33%			
North Pde (Wilfred Ave) - North Side	Free Customer Car Park	2Hr Free Car Park, 9am - 6:30pm Mon to Fri & 9am - 1pm	42	10	14	16	21	32	40	41	38	40	35	40	36	30	72%			
		Disabled	1	0	0	1	1	0	1	1	0	1	1	0	1	1	58%			
London St - East Side	Free Customer Car Park	2Hr Free Car Park, 9am - 6:30pm Mon to Fri & 9am - 1pm	16	2	5	5	14	14	14	15	14	15	10	16	14	12	72%			
		Disabled	1	0	0	0	0	1	1	1	1	0	0	0	0	0	33%			
Clissold Pde - North Pde	Free Customer Car Park	2Hr Free Car Park, 9am - 6:30pm Mon to Fri & 9am - 1pm	28	2	4	4	16	18	22	24	18	25	24	24	18	17	59%			
		Disabled	1	0	0	0	1	0	0	1	0	1	1	0	1	0	42%			
Shakespeare St - West Side	Council Owned Car Park	Normal	20	2	5	6	6	9	8	12	9	11	15	18	9	9	46%			
	Medical Centre Car Park	Normal	16	4	4	10	6	14	6	5	11	12	14	16	9	9	58%			
		Disabled	2	0	0	0	0	0	2	0	1	2	1	0	2	1	33%			
	Orion Customer Parking	Normal	45	6	6	7	9	10	11	12	11	8	12	18	16	11	23%			
		Disabled	2	0	0	0	0	0	0	0	0	0	0	1	0	0	4%			
	Council Customer Parking	Reserved	10	0	0	0	0	1	0	0	1	0	2	0	4	1	7%			
		Normal	63	4	10	19	12	15	8	9	13	14	15	20	22	13	21%			
		Disabled	2	0	0	0	0	0	0	0	0	0	1	0	0	0	4%			
	Councillor		4	0	0	1	0	0	0	0	1	0	0	0	0	0	4%			
	No Stopping		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!			
<b>Total parking available</b>			<b>1940</b>	<b>774</b>	<b>950</b>	<b>995</b>	<b>1287</b>	<b>1486</b>	<b>1432</b>	<b>1421</b>	<b>1431</b>	<b>1438</b>	<b>1541</b>	<b>1540</b>	<b>1301</b>	<b>1300</b>	<b>67%</b>			
<b>% occupancy</b>				<b>40%</b>	<b>49%</b>	<b>51%</b>	<b>66%</b>	<b>77%</b>	<b>74%</b>	<b>73%</b>	<b>74%</b>	<b>74%</b>	<b>79%</b>	<b>79%</b>	<b>67%</b>	<b>67%</b>				

Street	Between	Restrictions	Supply	Occupancy												Average	Average Occupancy
				7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00		

Total No Parking/Clearway with Time Restraints	0	0	35	35	35	35	0	0	0	0	0	0	0	0	0	0
Total Supply	1940	1940	1905	1905	1905	1905	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
Total Parking	774	950	995	1287	1486	1432	1421	1431	1438	1541	1540	1301				
	40%	49%	52%	68%	78%	75%	74%	74%	74%	79%	79%	67%				
LT No Parking/Clearway with Time Restraints	0	0	35	35	35	0	0	0	0	0	0	0				
LT Supply	1278	1278	1243	1243	1243	1243	1278	1278	1278	1278	1278	1278				
LT Parking	502	482	622	826	959	930	920	936	932	1000	1001	868				
	39%	46%	50%	66%	77%	74%	72%	72%	73%	78%	78%	68%				
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0				
All minus LT Supply	662	662	662	662	662	662	662	662	662	662	662	662				
All minus LT Parking	272	357	373	461	527	512	501	495	506	541	539	433				
	41%	51%	56%	70%	80%	77%	76%	75%	76%	82%	81%	65%				
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0				
ST Supply	165	165	155	155	155	165	165	165	165	165	165	165				
ST Parking	247	323	337	398	449	437	429	415	437	485	469	361				
	44%	57%	56%	70%	79%	77%	76%	73%	77%	86%	83%	64%				
LT and ST Spaces with restraints	0	0	35	35	35	35	0	0	0	0	0	0				
LT and ST Supply	1844	1844	1809	1809	1809	1809	1844	1844	1844	1844	1844	1844				
LT and ST Demand	749	905	939	1224	1408	1357	1340	1353	1359	1495	1470	1229				
	41%	49%	52%	68%	78%	75%	74%	74%	74%	79%	79%	67%				



- Legend**
- 5 min, 10 min, or 15 min P
  - 1/2 P
  - 1 P
  - 2 P
  - 3 P or 4 P
  - Disabled Parking
  - Bus Zone
  - Loading/Mail/Taxi/Truck Zone
  - Unrestricted Parking
  - Clearway
  - XXX Property No.
  - Study Area
  - Council Owned Land

PA	May 2012	BL	MH	AS
Issue	Date	By	Chkd	Appd



Client  
**City of Canterbury**

Job Title  
**Town Centres Parking Strategy**

Drawing Title  
**Canterbury Town Centre  
Parking Supply and  
Management Recommendations**

Scale at A3  
**1:2,500**

Drawing Status <b>Final</b>	
Job No. <b>JS10270</b>	Issue <b>P4</b>

Street	Between	Restrictions	Supply	Occupancy												Average	Average Occupancy
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00				
<b>Canterbury Road</b>																	
<i>North Side</i>	Charles St To Broughton St	Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
	Jeffrey St To Aldi St	1/2P 10am - 3pm Mon to Fri & 8:30am - 12:30pm Sat (Clearway 6am-10am & 3pm-6pm Mon to Fri)	12	0	0	1	2	3	1	1	0	0	0	0	0	1	7%
	Aldi St To Minter St	1/2P 10am-3pm Mon to Fri & 8:30am-12:30pm Sat (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	0	0	3	1	2	2	3	0	0	0	0	1	28%	
	Minter St To Unwin St	Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
	Minter St To Unwin St	Unrestricted (Clearway 6am-10am & 3pm-6pm Mon to Fri)	16	0	0	0	0	0	4	0	0	0	0	0	0	3%	
	Minter St To Unwin St	Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	0	0	0	0	0	0	0	0	0	0	0	0	0%	
<i>South Side</i>	Church St To Minter St	Unrestricted (Clearway 6am-10am & 3pm-6pm Mon to Fri)	13	0	0	0	0	0	0	0	0	0	0	0	0	0%	
	Church St To Minter St	Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	6	0	0	0	0	0	0	0	0	0	0	0	0	0%	
	Minter St To Tincombe St	1P 10am-3pm Mon to Fri & 8:30am-12:30pm Sat (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	0	0	0	3	3	1	1	0	0	0	0	1	20%	
	Minter St To Tincombe St	1P 10am-3pm Mon to Fri & 8:30am-12:30pm Sat (Clearway 6am-10am & 3pm-6pm Mon to Fri)	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
	Tincombe St To Close St	Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	0	0	0	0	0	0	0	0	0	0	0	0	0%	
<b>Charles Street</b>																	
<i>West Side</i>	Canterbury Rd To Roberts St	Unrestricted	10	7	9	9	6	9	9	10	9	9	3	8	80%		
	Roberts St To Northern end	Unrestricted	15	0	3	4	2	4	4	6	5	5	4	4	25%		
<i>East Side</i>	Northern end To Canterbury Rd	Unrestricted 90 Degree	62	32	44	47	45	43	46	42	35	32	19	39	62%		
	Northern end To Canterbury Rd	Unrestricted	3	2	3	4	3	2	2	3	2	4	2	3	90%		
<b>Robert Street</b>																	
<i>North Side</i>	Western end To Charles st	Unrestricted	9	3	3	2	2	2	2	2	2	2	1	2	23%		
<i>South Side</i>	Charles St To Western end	Unrestricted	7	2	2	3	3	3	3	2	3	3	2	3	37%		
<b>Broughton Street</b>																	
<i>West Side</i>	Canterbury Rd To John St	Bus Zone	8	0	1	0	0	0	1	0	0	0	0	0	3%		
	Canterbury Rd To John St	Unrestricted	20	19	19	18	19	16	19	19	17	16	10	17	86%		
<i>East Side</i>	John St To Robert St	Unrestricted	11	13	13	14	14	14	14	10	8	4	12	107%			
	Robert St To Canterbury Rd	Bus Zone	13	0	0	0	0	0	0	0	0	0	0	0	0%		
<b>Jeffrey Street</b>																	
<i>West Side</i>	Canterbury Rd To Robert St	No Parking	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!		
	Canterbury Rd To Robert St	Bus Zone	4	0	0	0	0	0	0	0	0	0	0	0	0%		
<i>East Side</i>	Jeffrey Ln To Patterson Ln	Unrestricted	7	3	4	4	5	5	5	4	4	2	2	4	54%		
	Patterson Ln To Canterbury Rd	No Stopping	0	0	0	0	0	1	0	0	0	0	0	0	#DIV/0!		
	Patterson Ln To Canterbury Rd	Bus Zone	4	0	0	0	0	0	0	0	0	0	0	0	0%		
<b>Minter Street</b>																	
<i>West Side</i>	Southern end To Tincombe St	Unrestricted	8	2	1	1	1	2	2	2	4	4	2	25%			
	Tincombe St To Canterbury Rd	Unrestricted	7	4	5	5	6	5	4	5	2	2	5	4	61%		
	Tincombe St To Canterbury Rd	No Parking	0	1	0	0	0	0	0	0	0	0	0	0	#DIV/0!		
	Tincombe St To Canterbury Rd	Unrestricted	4	0	8	2	3	4	3	3	2	3	3	3	78%		
	Canterbury Rd To Unwin St	Mail Zone	1	0	0	0	0	0	0	0	0	0	0	0	0%		
	Canterbury Rd To Unwin St	Unrestricted	14	5	8	7	9	8	9	9	6	6	6	7	52%		
<i>East Side</i>	Unwin St To Canterbury Rd	Unrestricted	16	7	9	9	11	10	11	9	6	9	9	9	56%		
	Canterbury Rd To Tincombe St	Unrestricted	13	12	13	14	13	12	12	12	7	7	4	11	82%		
	Tincombe St To Southern end	Unrestricted	7	2	1	2	2	2	3	2	4	6	5	3	41%		
<b>Patterson Lane</b>																	
<i>East Side</i>	Jeffery St To Jeffery Ln	Unrestricted 90 Degree	6	2	4	4	4	4	4	5	4	4	5	4	67%		
<b>Unwin Street</b>																	
<i>North Side</i>	Minter St To Canterbury Rd	No Parking	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!		
	Minter St To Canterbury Rd	No Stopping	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!		
<i>South Side</i>	Canterbury Rd To Minter St	Unrestricted	14	5	8	9	9	9	6	6	8	5	5	7	50%		
<b>Tincombe Street</b>																	
<i>North Side</i>	Canterbury Rd To Minter St	No Stopping	0	0	0	0	0	0	0	0	0	0	1	0	#DIV/0!		
	Canterbury Rd To Minter St	No Parking	0	0	0	0	0	1	0	0	0	0	0	0	#DIV/0!		
<i>South Side</i>	Minter St To Canterbury Rd	Unrestricted	9	5	5	6	8	7	6	8	8	5	4	6	69%		
	Minter St To Canterbury Rd	No Parking	1	1	0	0	0	0	0	0	0	0	0	0	#DIV/0!		
	Minter St To Canterbury Rd	2P 10am - 3pm Mon to Fri & 8:30am - 12:30pm Sat	7	1	1	2	3	2	4	2	3	8	5	3	44%		
<b>Close Street</b>																	
<i>West Side</i>	Southern end To Canterbury Rd	Unrestricted	7	6	7	6	6	5	5	4	4	5	3	5	73%		
<i>East Side</i>	Southern end To Canterbury Rd	Unrestricted	5	6	7	6	6	5	5	4	4	5	3	5	102%		
	Southern end To Canterbury Rd	Unrestricted 90 Degree	14	6	7	5	0	0	0	0	0	0	0	2	13%		
	Southern end To Canterbury Rd	Disabled 90 Degree	1	0	0	0	0	0	0	0	0	0	0	0	0%		
	Southern end To Canterbury Rd	Disabled 90 Degree	1	0	0	0	0	0	0	0	0	0	0	0	0%		
	Southern end To Canterbury Rd	Unrestricted 90 Degree	7	0	0	0	0	6	5	5	6	6	7	4	50%		
	Southern end To Canterbury Rd	Unrestricted	7	0	0	0	0	0	0	0	0	0	0	0	0%		
	Southern end To Canterbury Rd	Unrestricted 90 Degree	6	0	0	0	0	0	0	0	0	0	3	0	5%		



Street	Between	Restrictions	Supply	9:00	10:00	11:00	12:00	13:00	14:00	15:00	Average	Average Occupancy
<b>Canterbury Road</b>												
North Side	Charles St To Broughton St	Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	7	0	0	0	0	0	0	0	0	0%
North Side	Jeffrey St To Aldi St	1/2P 10am - 3pm Mon to Fri & 8:30am - 12:30pm Sat (Clearway 6am-10am & 3pm-6pm Mon to Fri)	12	0	1	6	4	3	7	6	4	32%
	Aldi St To Minter St	1/2P 10am-3pm Mon to Fri & 8:30am-12:30pm Sat (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	4	2	1	3	3	2	0	2	54%
		Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	0	0	0	1	0	0	0	0	4%
	Minter St To Unwin St	Unrestricted (Clearway 6am-10am & 3pm-6pm Mon to Fri)	16	2	4	2	6	4	3	0	3	19%
		Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	0	0	0	0	0	0	0	0	0%
South Side	Church St To Minter St	Unrestricted (Clearway 6am-10am & 3pm-6pm Mon to Fri)	13	1	0	1	0	0	0	0	0	2%
		Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	6	0	0	0	0	0	0	0	0	0%
	Minter St To Tincombe St	1P 10am-3pm Mon to Fri & 8:30am-12:30pm Sat (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	1	3	0	0	1	4	1	1	36%
		No Parking (Clearway 6am-10am & 3pm-6pm Mon to Fri)		0	0	0	0	0	4	6	1	#DIV/0!
	Tincombe St To Close St	Bus Zone (Clearway 6am-10am & 3pm-6pm Mon to Fri)	4	0	0	0	0	0	0	0	0	0%
<b>Charles Street</b>												
West Side	Canterbury Rd To Roberts St	Unrestricted	10	3	7	5	9	5	5	5	6	56%
	Robert St To Northern end	Unrestricted	15	2	4	4	6	2	3	3	3	23%
East Side	Northern end To Canterbury Rd	Unrestricted 90 Degree	62	31	34	29	28	27	27	20	28	45%
		Unrestricted	3	2	3	1	2	1	3	0	2	57%
<b>Robert Street</b>												
North Side	Western end To Charles st	Unrestricted	9	0	0	0	0	0	0	0	0	0%
South Side	Charles St To Western end	Unrestricted	7	0	0	0	0	0	0	0	0	0%
<b>Broughton Street</b>												
West Side	Canterbury Rd To John St	Bus Zone	8	0	0	0	0	0	0	0	0	0%
		Unrestricted	20	8	9	6	7	7	10	10	8	41%
East Side	John St To Robert St	Unrestricted	11	2	4	5	6	7	2	1	4	35%
	Robert St To Canterbury Rd	Bus Zone	13	0	0	0	0	0	0	0	0	0%
<b>Jeffrey Street</b>												
West Side	Canterbury Rd To Robert St	No Parking		0	0	0	0	0	0	0	0	#DIV/0!
		Bus Zone	4	0	0	0	0	0	0	0	0	0%
East Side	Jeffery Ln To Patterson Ln	Unrestricted	7	5	6	5	5	4	3	4	5	65%
	Patterson Ln To Canterbury Rd	No Stopping		0	0	0	0	0	0	0	0	#DIV/0!
		Bus Zone	4	0	0	0	0	0	0	0	0	0%
<b>Minter Street</b>												
West Side	Southern end To Tincombe St	Unrestricted	8	2	2	2	3	3	3	3	3	32%
	Tincombe St To Canterbury Rd	Unrestricted	7	4	4	3	1	2	4	5	3	47%
		No Parking		1	1	1	1	1	1	2	1	#DIV/0!
		Unrestricted	4	0	0	0	0	0	0	0	0	0%
	Canterbury Rd To Unwin St	Mail Zone	1	0	0	0	0	0	0	0	0	0%
		Unrestricted	14	9	9	8	10	9	8	8	9	62%
East Side	Unwin St To Canterbury Rd	Unrestricted	16	9	7	7	11	5	4	4	7	42%
	Canterbury Rd To Tincombe St	Unrestricted	13	7	9	9	11	12	11	13	10	79%
	Tincombe St To Southern end	Unrestricted	7	4	4	4	3	2	3	4	3	49%
<b>Patterson Lane</b>												
East Side	Jeffery St To Jeffery Ln	Unrestricted 90 Degree	6	6	6	5	4	4	4	4	5	79%
<b>Unwin Street</b>												
North Side	Minter St To Canterbury Rd	No Parking										#DIV/0!
		No Stopping										#DIV/0!
South Side	Canterbury Rd To Minter St	Unrestricted	14	13	13	15	12	13	15	13	13	96%
<b>Tincombe Street</b>												
North Side	Canterbury Rd To Minter St	No Stopping		0	0	0	0	0	0	1	0	#DIV/0!
		No Parking		0	1	0	0	0	0	0	0	#DIV/0!
South Side	Minter St To Canterbury Rd	Unrestricted	9	6	6	4	7	7	9	9	7	76%
		No Parking		0	1	1	1	1	1	1	1	#DIV/0!
		2P 10am - 3pm Mon to Fri & 8:30am - 12:30pm Sat	7	2	4	4	6	6	6	5	5	67%
<b>Close Street</b>												
West Side	Southern end To Canterbury Rd	Unrestricted	7	2	5	5	5	3	3	3	4	53%
East Side	Southern end To Canterbury Rd	Unrestricted	5	1	2	4	1	2	3	2	2	43%
		Unrestricted 90 Degree	14	7	5	5	7	5	5	5	6	40%
		Disabled 90 Degree	1	0	0	0	0	0	0	0	0	0%
		Disabled 90 Degree	1	0	1	0	0	0	0	0	0	14%
		Unrestricted 90 Degree	7	0	1	0	0	0	0	0	0	2%
		Unrestricted	7	0	0	0	0	0	0	0	0	0%
		Unrestricted 90 Degree	6	3	1	1	1	2	2	3	2	31%

Street	Between	Restrictions	Supply	9:00	10:00	11:00	12:00	13:00	14:00	15:00	Average	Average Occupancy
<b>Off-Street Location</b>												
<i>Jeffrey St - West Side</i>	Customer Car Park	ALDI customer carpark (Underground)	81	28	37	36	39	40	38	25	35	43%
<i>Patterson Ln - East Side</i>	Customer Car Park	2Hr Free car Park 45 Degree. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	8	6	6	8	8	7	6	6	7	84%
	Customer Car Park	2Hr Free car Park 45 Degree. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	18	18	14	16	18	18	14	18	17	92%
		Disabled	3	3	2	3	2	3	2	2	2	81%
<i>Close St - West Side</i>	Customer Car Park	Canterbury Bowling & Sydney Petanque Club	20	7	6	6	6	8	9	4	7	33%
<b>Total parking available</b>			<b>531</b>	199	224	212	234	217	224	196	215	40%
% occupancy				37%	42%	40%	44%	41%	42%	37%	40%	

<b>Total No Parking/Clearway with Time Restraints</b>	0	0	0	0	0	0	0
Total Supply	531	531	531	531	531	531	531
Total Parking	399	224	212	234	217	224	196
	75%	42%	40%	44%	41%	42%	37%
<b>LT No Parking/Clearway with Time Restraints</b>	0	0	0	0	0	0	0
LT Supply	423	423	423	423	423	423	423
LT Parking	357	291	275	292	277	279	250
	85%	69%	65%	68%	65%	65%	59%
<b>All minus LT No Parking /Clearway with Time Restraints</b>	0	0	0	0	0	0	0
All minus LT Supply	108	108	108	108	108	108	108
All minus LT Parking	32	33	37	42	40	45	46
	30%	31%	34%	39%	37%	42%	43%
<b>ST No Parking/Clearway with Time Restraints</b>	0	0	0	0	0	0	0
ST Supply	53	53	53	53	53	53	53
ST Parking	32	33	37	41	40	45	46
	60%	62%	70%	77%	75%	85%	87%
<b>LT and ST Spaces with restraints</b>	0	0	0	0	0	0	0
LT and ST Supply	476	476	476	476	476	476	476
LT and ST Demand	399	224	212	233	217	224	196
	83%	47%	45%	49%	46%	47%	41%



- Legend**
- 5 min, 10 min, or 15 min P
  - 1/2 P
  - 1 P
  - 2 P
  - 3 P or 4 P
  - Disabled Parking
  - Bus Zone
  - Loading/Mail/Taxi/Truck Zone
  - Unrestricted Parking
  - Cleanway
  - XXX Property No.
  - Study Area
  - Council Owned Land

PA	May 2012	BL	MH	AS
Issue	Date	By	Check	Appd



Client  
**City of Canterbury**

Job Title  
**Town Centres Parking Strategy**

Drawing Title  
**Croyton Park Town Centre  
Parking Supply and  
Management Recommendations**

Scale at A3  
**1:2,000**

Job No. <b>JS10270</b>	Issue <b>P4</b>
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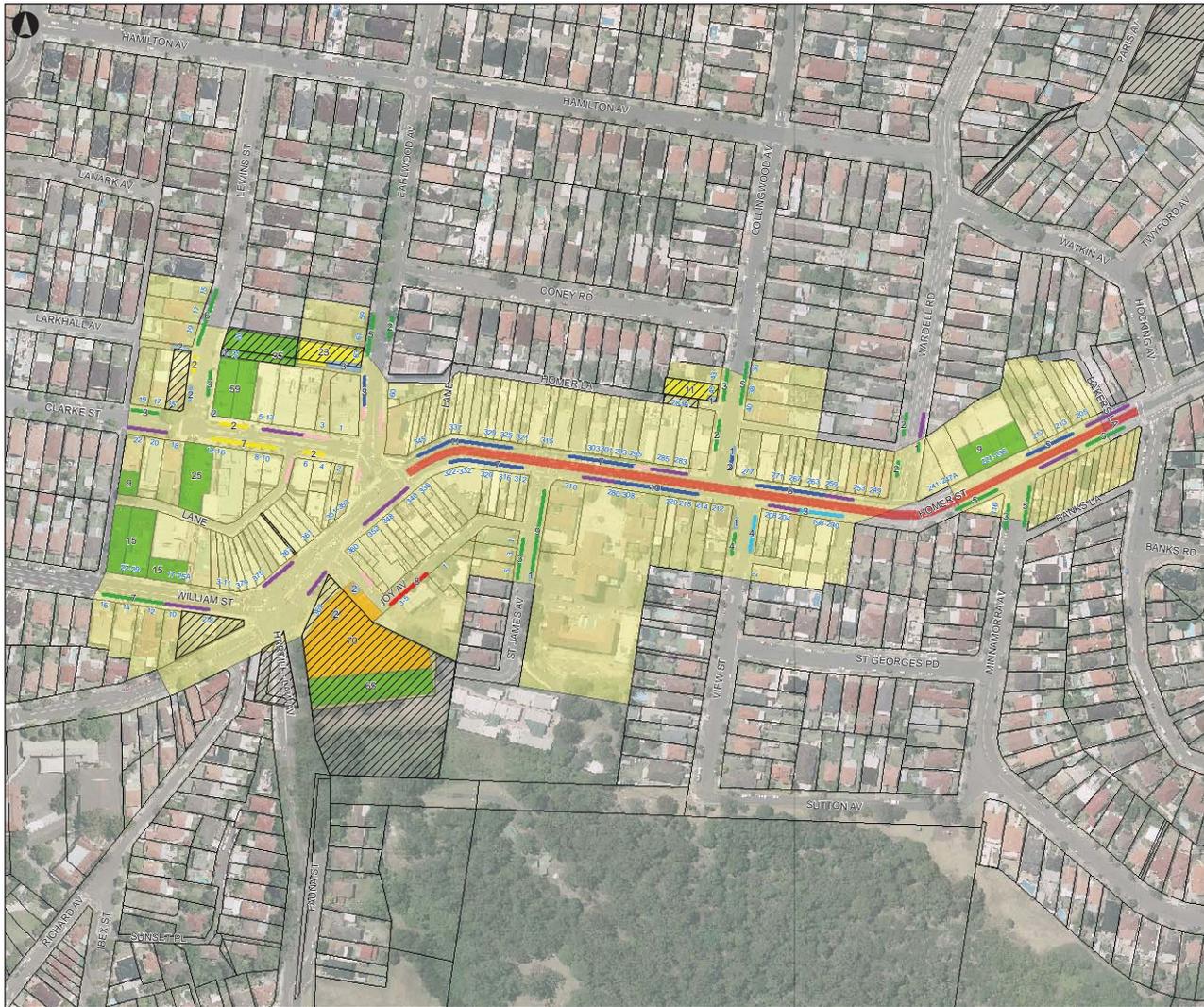
Croydon Park

Street	On/Off Street	Side	Between		Restriction			Residential	Spaces	Demand									
					Type	Hour	Day			Tuesday 23rd November									
										8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Brighton Ave	On	W	Georges River Road	Greenborough	unrestricted			Y	20	18	13	19	18	12	14	17	20	14	14
Brighton Ave	On	W	Georges River Road	Greenborough	1hr	8:30-6pm 8:30-12	M-F S	N	2	1	0	0	1	1	2	3	3	2	1
Georges River Road	On	S	Brighton Rd	Dunmore St	1hr	8:30-3pm 8:30-12:30	M-F S	N	4	1	4	2	3	3	3	1	0	0	0
Georges River Road	Off	S	Brighton Rd	Dunmore St	McDonalds Carpark			N	22	13	10	12	9	8	18	12	18	11	14
Dunmore St	On	W	Georges River Road	End of Restriction	1hr-90 degree angle	8:30-3pm 8:30-12:30	M-F S	N	9	3	3	4	3	3	5	9	8	9	10
Dunmore St	On	W	Georges River Road	End of Restriction	Disabled			N	2	1	1	1	1	1	1	1	1	1	1
Georges River Road	On	S	Dunmore St	Clyde St	1hr	8:30-3pm 8:30-12:30	M-F S	N	3	0	3	0	0	2	1	2	0	0	0
Georges River Road	Off	S	Dunmore St	Clyde St	Bistro			N	24	1	6	9	9	15	17	19	13	20	21
Clyde St	On	W	Georges River Road	End of Restriction	2hr	8:30-3pm 8:30-12:30	M-F S	N	7	0	2	2	2	6	4	5	4	6	5
Clyde St	On	W	Georges River Road	End of Restriction	Disabled			N	2	1	1	1	1	1	1	1	1	1	1
Georges River Road	On	S	Clyde St	Hampton Rd	Clearway	3-7pm	M-F	N	3	2	2	1	0	0	0	0	0	0	0
Georges River Road	Off	S	Clyde St	Hampton Rd	BP Petrol Station			N	12	4	2	7	4	2	3	1	2	2	3
Hampton Road	On	E	Georges River Road	First Driveway	unrestricted			N	4	4	4	5	4	4	2	4	4	2	5
Hampton Road	On	W	First Driveway	Georges River Road	unrestricted			Y	5	2	3	3	2	5	2	2	3	3	5
Georges River Road	On	N	Hampton Road	Clyde St	Clearway	6-10am	M-F	Y	5	0	1	2	2	3	2	3	1	1	2
Beaufort St	On	W	Hampton Road	Clyde St	1hr	8:30-6pm 8:30-12:30pm	M-F S	N	4	1	3	2	3	3	4	1	3	4	2
Beaufort St	On	E	Georges River Road		1hr & 45 degree angle	8:30-6pm 8:30-12:30pm	M-F S	N	5	0	3	2	4	3	2	3	3	5	5
Beaufort St	On	E	Georges River Road		Disabled			N	1	0	0	0	0	0	0	0	1	1	1
Georges River Road	On	N	Clyde	Dunmore	1hr & Clearway	10-6pm 8:30-12:30	M-F S	N	6	0	2	3	4	3	5	4	5	5	4
Seymour St	On	W	Georges River Road	End of Restriction	1hr	8:30-6pm 8:30-12:30pm	M-F S	N	2	1	2	2	2	2	1	2	2	1	1
Seymour St	On	E	Georges River Road	End of Restriction	2hr & 45 degree angle	8:30-6pm 8:30-12:30pm	M-F S	N	6	5	6	6	5	4	5	5	6	4	4
Seymour St	On	E	Georges River Road	End of Restriction	Disabled			N	2	1	1	1	1	1	1	1	1	1	1
Georges River Road	On	N	Dunmore	Brighton	1hr & Clearway	10-6pm 8:30-12:30	M-F S	N	6	0	4	3	3	5	4	4	4	4	4
Georges River Road	On	N	Dunmore	Brighton	Clearway	6-10am	M-F	N	0	0	0	0	0	0	0	0	0	0	
Brighton Ave	On	E	Georges River Road	Queensborough Rd	1hr	8:30-6pm 8:30-12:30pm	M-F S	N	6	2	2	3	4	3	1	3	2	3	2
Brighton Ave	On	E	Georges River Road	Queensborough Rd	unrestricted			N	20	18	19	17	18	15	15	13	13	12	12
Seymour St	Off	E	Georges River Road	End of Restriction	2P			N	16	4	5	5	5	5	6	6	6	5	6
Total									198	83	102	112	108	110	119	122	124	117	124
Occupancy									42%	52%	57%	55%	56%	60%	62%	63%	59%	63%	

Total No Parking/Clearway with Time Restraints	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Supply	181	181	198	198	198	198	198	198	198	198	198	198	198	198	195	195	195	195	195
Total Parking	81	102	112	108	110	119	122	124	117	124									
	46%	56%	57%	55%	56%	60%	62%	64%	60%	64%									
LT No Parking/Clearway with Time Restraints	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT Supply	117	117	122	122	122	122	122	122	119	119	119	119	119	119	119	119	119	119	119
LT Parking	65	63	78	69	67	76	74	78	69	80									
	56%	54%	64%	57%	55%	63%	63%	66%	58%	67%									
All minus LT No Parking /Clearway with Time Restraints	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All minus LT Supply	64	64	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
All minus LT Parking	18	39	34	39	43	43	48	48	44	44									
	28%	61%	45%	51%	57%	57%	63%	63%	63%	63%									
ST No Parking/Clearway with Time Restraints	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST Supply	64	64	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
ST Parking	18	39	34	39	43	43	48	48	44	44									
	28%	61%	45%	51%	57%	57%	63%	63%	63%	63%									
LT and ST Spaces with restraints	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT and ST Supply	181	181	198	198	198	198	198	198	198	198	198	198	198	198	195	195	195	195	195
LT and ST Demand	81	102	112	108	110	119	122	124	117	124									
	46%	56%	57%	55%	56%	60%	62%	64%	60%	64%									

Croydon Park										Demand						
Street	On/Off Street	Side	Between		Restriction			Residential	Saturday 27th November							
					Type	Hour	Day		Spaces	9am	10am	11am	12pm	1pm	2pm	3pm
Brighton Ave	On	W	Georges River Road	Queensborough Rd	unrestricted			Y	20	14	14	14	15	17	14	16
Brighton Ave	On	W	Georges River Road	Queensborough Rd	1hr	8:30-6pm 8:30-12	M-F S	N	2	0	1	0	0	0	0	1
Georges River Road	On	S	Brighton Rd	Dunmore St	1hr	8:30-3pm 8:30-12:30	M-F S	N	4	3	4	3	3	2	3	3
Georges River Road	Off	S	Brighton Rd	Dunmore St	McDonalds Carpark			N	22	15	18	12	17	13	20	15
Dunmore St	On	W	Georges River Road	End of Restriction	1hr - 90 degree angle	8:30-3pm 8:30-12:30	M-F S	N	9	6	6	3	9	9	8	8
Dunmore St	On	W	Georges River Road	End of Restriction	Disabled			N	2	0	0	1	1	0	0	0
Georges River Road	On	S	Dunmore St	Clyde St	1hr	8:30-3pm 8:30-12:30	M-F S	N	3	1	3	2	2	3	3	3
Georges River Road	Off	S	Dunmore St	Clyde St	Bistro			N	24	6	10	10	15	23	25	19
Clyde St	On	W	Georges River Road	End of Restriction	2hr	8:30-3pm 8:30-12:30	M-F S	N	7	7	9	8	9	8	10	10
Clyde St	On	W	Georges River Road	End of Restriction	Disabled			N	2	0	0	0	1	1	0	0
Georges River Road	On	S	Clyde St	Hampton Rd	Clearway	3-7pm	M-F	N	3	2	3	4	4	2	3	3
Georges River Road	Off	S	Clyde St	Hampton Rd	BP Petrol Station			N	12	2	4	4	2	3	2	2
Hampton Road	On	E	Georges River Road	first driveway	unrestricted			N	4	1	0	2	3	6	3	3
Hampton Road	On	W	first driveway	Georges River Road	unrestricted			Y	5	3	3	3	3	5	5	5
Georges River Road	On	N	Hampton Road	Clyde St	Clearway	6-10am	M-F	Y	5	4	2	2	2	4	2	1
Beaufort St	On	W	Hampton Road	Clyde St	1 hr	8:30-6pm 8:30-12:30pm	M-F S	N	4	3	3	3	2	2	3	3
Beaufort St	On	E	Georges River Road		1 hr & 45 degree angle	8:30-6pm 8:30-12:30pm	M-F S	N	5	3	5	5	5	4	5	5
Beaufort St	On	E	Georges River Road		Disabled			N	1	1	0	1	1	0	0	1
Georges River Road	On	N	Clyde St	Dunmore	1hr & Clearway	10-6pm 8:30-12:30	M-F S	N	6	6	6	6	7	6	5	7
Seymour St	On	W	Georges River Road	End of Restriction	1 hr	8:30-6pm 8:30-12:30pm	M-F S	N	2	2	2	2	2	2	2	2
Seymour St	On	E	Georges River Road	End of Restriction	2 hr & 45 degree angle	8:30-6pm 8:30-12:30pm	M-F S	N	6	6	6	5	5	4	5	4
Seymour St	On	E	Georges River Road	End of Restriction	Disabled			N	2	0	0	0	1	0	0	1
Georges River Road	On	N	Dunmore St	Brighton	1hr & Clearway	10-6pm 8:30-12:30	M-F S	N	6	5	4	5	6	5	5	3
Georges River Road	On	N	Dunmore St	Brighton	Clearway	6-10am	M-F	N	0	0	0	0	0	0	0	0
Brighton Ave	On	E	Georges River Road	Queensborough Rd	1hr	8:30-6pm 8:30-12:30pm	M-F S	N	6	1	1	0	4	4	3	2
Brighton Ave	On	E	Georges River Road	Queensborough Rd	unrestricted			N	20	14	13	17	15	14	14	16
Seymour St	Off	E	Georges River Road	End of Restriction	2P			N	16	5	5	5	6	6	6	6
Total								198	110	122	117	140	143	146	139	
Occupancy								56%	62%	59%	71%	72%	74%	70%		

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
Total Supply	198	198	198	198	198	198	198
Total Parking	110	122	117	140	143	146	139
	56%	62%	59%	71%	72%	74%	70%
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
LT Supply	122	122	122	122	122	122	122
LT Parking	62	67	70	80	88	88	82
	51%	55%	57%	66%	72%	72%	67%
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0
All minus LT Supply	76	76	76	76	76	76	76
All minus LT Parking	48	55	47	60	55	58	57
	63%	72%	62%	79%	72%	76%	75%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
ST Supply	76	76	76	76	76	76	76
ST Parking	48	55	47	60	55	58	57
	63%	72%	62%	79%	72%	76%	75%
LT and ST Spaces with restraints	0	0	0	0	0	0	0
LT and ST Supply	198	198	198	198	198	198	198
LT and ST Demand	110	122	117	140	143	146	139
	56%	62%	59%	71%	72%	74%	70%



- Legend**
- 5 min, 10 min, or 15 min P
  - 1/2 P
  - 1 P
  - 2 P
  - 3 P or 4 P
  - Disabled Parking
  - Bus Zone
  - Loading/Mail/Taxi/Truck Zone
  - Unrestricted Parking
  - Clearway
  - XXX Property No.
  - Study Area
  - Council Owned Land

PA	May 2012	BL	MH	AS
Issue	Date	By	Chkd	Appd



Client  
City of Canterbury

Job Title  
Town Centres Parking Strategy

Drawing Title  
Earlowood Town Centre  
Parking Supply and  
Management Recommendations

Scale at A3  
1:2,500

Drawing Status  
Final

Job No JS10270	Issue P4
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Street	Between	Restrictions	Supply	Occupancy											Average	Average Occupancy		
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00					
<b>William Street</b>																		
North Side	Lewis Ln To Homer St	No Stopping		1	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
South Side	Homer St To Lewis Ln	No Stopping		0	1	0	0	0	0	0	0	0	0	1	0	0	0	#DIV/0!
		Bus Zone	5	2	2	1	1	2	1	0	0	0	0	0	0	0	1	18%
		Unrestricted	7	2	3	1	2	4	3	4	3	4	5				3	44%
<b>Hartill Law Ave</b>																		
West Side	Southern end To Homer St	No Stopping		0	0	0	1	0	0	0	1	0	0	0	0	0	0	#DIV/0!
South Side	Homer St To Lewis St	No Stopping		0	1	0	0	0	0	0	1	0	0	0	0	0	0	#DIV/0!
		No Parking		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
<b>Homer Street</b>																		
North Side	William St To Earlwood Ave	No Stopping		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
		Bus Zone	6	2	2	2	0	1	0	1	2	2	2				1	23%
	Earlwood Ave To Clarke St	No Stopping		1	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
	Clarke St To Collingwood Ave	1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 6:30am-9:30am Mon to Fri)	11	0	0	9	8	9	9	9	6	9	9				7	62%
		1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 6:30am-9:30am Mon to Fri)	7	0	6	3	6	6	5	5	5	5	6				5	67%
		Mail Zone	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
		Bus Zone	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3%
	Collingwood Ave To Wardell Rd	1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 6:30am-9:30am Mon to Fri)	8	0	0	7	5	5	5	4	6	5	4				4	51%
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
		No Stopping		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
	Wardell Rd To Bakers Ln	1/2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 6:30am-9:30am Mon to Fri)	5	0	0	6	3	1	4	1	0	4	4				2	46%
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
South Side	Bakers Ln To Minnamorra Ave	No Parking 3:30pm - 6:30pm Mon to Fri	5	1	3	0	1	0	1	0	0	0	0	0	0	0	1	12%
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
	Minnamorra Ave To View St	No Parking 3:30pm - 6:30pm Mon to Fri	5	3	4	3	3	2	2	1	0	0	0	0	0	0	2	36%
		1/2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 3:30pm-6:30pm Mon to Fri)	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3%
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
	View St To St James Ave	1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 3:30pm-6:30pm Mon to Fri)	10	4	6	2	8	4	1	6	2	0	0				3	33%
		Bus Zone	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	7%
	St James Ave To Joy Ave	1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 3:30pm-6:30pm Mon to Fri)	7	2	0	0	1	0	0	0	0	0	0	0	0	0	0	4%
		Bus Zone	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3%
		No Stopping		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
	Joy Ave To Hartill Law Ave	Bus Zone	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
<b>Lewis Lane</b>																		
West Side	William St To Clarke St	No Stopping		2	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
	Clarke St To Larkhall Ave	No Stopping		0	0	0	0	1	0	0	0	0	0	0	0	0	0	#DIV/0!
	Larkhall Ave To Northern end	No Stopping		0	0	0	1	0	0	0	0	0	0	0	0	0	0	#DIV/0!
East Side	Larkhall Ave To Clarke St	No Stopping		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
	Clarke St To Clarke Ln	No Stopping		0	0	1	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
		No Parking		0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
<b>Clarke Ln</b>																		
North Side	Lewis Ln To Clarke St	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
		No Stopping		0	0	0	0	0	0	0	0	0	1	0	0	0	0	#DIV/0!
South Side	Clarke St To Lewis Ln	Loading Zone	2	0	1	0	0	1	0	0	0	1	0	0	0	0	0	15%
		No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1%
<b>Clarke Street</b>																		
North Side	Lewis Ln To Lewin St	Unrestricted	3	1	0	0	1	1	0	0	0	0	0	0	0	0	0	10%
	Lewin St To Earlwood Ave	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	1	1	2	2	2	2	2	1	2	2	2	2	85%
		Bus Zone	5	2	2	1	1	2	2	2	0	2	1	2	2	2	2	30%
		Loading Zone	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	10%
South Side	Earlwood Ave To Clarke Ln	2P	2	2	0	1	0	1	0	2	2	2	0	1	1	0	1	50%
	Clarke Ln To Lewis Ln	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	2	0	0	2	2	0	0	1	1	0	1	1	0	1	80%
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	5	6	5	5	4	6	4	4	5	6	5	5	5	5	83%
		Bus Zone	4	2	1	2	0	0	2	1	2	0	0	1	1	0	1	25%
		No Stopping		0	0	0	1	0	0	0	0	0	0	0	0	0	0	#DIV/0!

Street	Between	Restrictions	Supply	Occupancy											Average	Average Occupancy		
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00					
<b>Larkhall Ln</b>																		
<b>North Side</b>	Lewis Ln To Eastern end	Disabled	1	0	0	1	0	0	0	0	0	0	0	1	0	0	20%	
	Eastern end To Lewis Ln	Disabled	1	0	1	0	0	0	0	0	0	0	0	0	1	0	20%	
<b>Homer Ln</b>																		
<b>North Side</b>	Earlwood Ave To Collingwood Ave	No Stopping		0	0	0	0	1	0	0	0	0	0	0	0	0	#DIV/0!	
		No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	
	Collingwood Ave To Wardell Rd	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	
<b>South Side</b>	Wardell Rd To Collingwood Ave	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	
	Collingwood Ave To Earlwood Ave	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	0	0	0	0	0	0	0	2	0	0	0	7%		
<b>Lewis St</b>																		
<b>West Side</b>	Clarke St To Larkhall Ln	Disabled	2	1	2	0	1	2	2	1	1	0	1	1	1	55%		
		2P	2	1	2	0	1	2	1	2	3	2	2	2	2	80%		
	Larkhall Ln To Northern end (15)	Unrestricted	6	3	3	2	4	5	3	2	4	5	6	4	62%			
<b>East Side</b>	Northern end (16) To Clarke St	Unrestricted	3	0	0	0	0	1	0	0	0	0	0	0	0	3%		
<b>Earlwood Street</b>																		
<b>West Side</b>	Homer St To Clarke St	Loading Zone	2	0	0	0	0	1	0	0	1	0	0	0	0	10%		
	Clarke St To Helvetia Ln	Taxi Zone	2	1	1	0	0	0	0	0	0	0	0	0	0	10%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	2	2	0	1	1	0	1	1	0	1	30%			
	Helvetia Ln To Northern end (59)	Unrestricted	5	0	2	2	3	2	3	4	4	3	2	3	50%			
<b>East Side</b>	Northern end (56) To Homer Ln	Unrestricted	2	2	2	1	2	2	2	1	2	2	2	2	90%			
		No Parking Authorised Salvation Army Vehicles Excepted	2	1	0	1	1	1	1	1	1	1	1	1	45%			
	Homer Ln To Homer St	No Parking Police Vehicles Excepted	2	1	0	0	0	0	0	0	0	0	0	0	5%			
		Loading Zone	3	2	2	0	2	0	0	1	1	0	1	1	30%			
<b>Collingwood Avenue</b>																		
<b>West Side</b>	Homer St To Homer Ln	Unrestricted	2	2	2	2	2	3	2	2	2	2	2	2	105%			
	Homer Ln To Northern end (43)	Unrestricted	3	3	3	3	3	2	2	3	2	3	3	3	90%			
<b>East Side</b>	Northern end (36) To Homer Ln	Unrestricted	5	5	4	4	5	5	5	5	4	4	5	5	92%			
	Homer Ln To Homer St	Disabled	1	0	0	0	0	1	0	1	1	1	0	0	40%			
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	2	2	0	2	0	2	1	2	75%			
<b>Wardell Road</b>																		
<b>West Side</b>	Homer St To Homer Ln	Unrestricted	2	2	2	2	2	2	2	2	2	2	1	2	95%			
	Homer Ln To Northern end	Unrestricted	2	1	1	1	2	2	2	2	2	2	2	2	85%			
<b>East Side</b>	Northern end To Homer St	Bus Zone	3	0	1	0	0	0	0	0	1	0	0	0	7%			
		Unrestricted	1	1	1	1	1	1	1	1	1	1	1	1	100%			
<b>Bakers Lane</b>																		
<b>West Side</b>	Homer St To Northern end	Not marked but too narrow for practical parking		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!			
<b>East Side</b>	Northern end To Homer St	Not marked but too narrow for practical parking		1	0	0	1	1	1	1	1	1	1	1	#DIV/0!			
<b>Minnamorra Avenue</b>																		
<b>West Side</b>	Banks Ln To Homer St	Unrestricted	3	3	3	3	2	3	3	3	3	2	3	3	93%			
	Homer St To Banks Ln	Unrestricted	5	3	3	4	4	4	4	3	1	3	3	66%				
<b>View Street</b>																		
<b>West Side</b>	Georges Ln To Homer St	Unrestricted	4	2	3	3	2	3	2	2	4	3	4	3	70%			
		Disabled	1	0	0	0	0	0	0	0	0	0	0	0	0%			
	Homer St To Georges Ln	1P 8:30am - 3:30pm Mon to Fri & 8:30am - 12:30pm Sat	4	2	3	3	3	1	1	2	3	1	3	2	55%			
<b>St James Avenue</b>																		
<b>West Side</b>	School (5) To Joy Ln	Unrestricted	3	2	2	3	3	3	3	3	3	3	3	3	93%			
	Joy Ln To Homer St	No Parking		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!			
		No Stopping		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!			
<b>East Side</b>	Homer St To School (5)	Unrestricted	9	6	4	7	6	6	6	7	5	6	6	6	66%			
		Disabled	1	0	0	0	0	0	1	1	1	0	0	0	30%			
<b>Joy Avenue</b>																		
<b>North Side</b>	Homer St To Joy Ln	Taxi Zone	2	0	0	1	0	0	1	1	0	1	0	0	20%			
		No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	0	1	1	1	0	0	1	0	0	0	0	20%			
<b>Joy Lane</b>																		
<b>East Side</b>	St James Ave To Joy Ave	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	0	0	0	0	0	0	0	0	0	0	0%			
		1/4P 8:30am - 5pm Mon to Fri	8	2	3	5	2	1	2	1	4	3	2	3	31%			
<b>West Side</b>	Joy Ave To St James Ave	No Parking		0	0	0	0	0	0	1	1	0	0	0	#DIV/0!			
<b>Off-Street Location</b>																		
<b>William St - North Side</b>	Metropolis Carpark	Metropolis Carpark	15	1	2	4	4	4	5	6	6	5	5	4	28%			
<b>Homer St - North Side</b>	Big Eds	Big Eds	9	8	5	9	7	7	6	7	7	6	6	7	76%			
<b>Lewis Ln - East Side</b>	Dentist Customer Parking	Dentist Customer Parking	9	2	5	4	3	4	3	2	2	4	4	3	37%			
	KFC Customer Parking	KFC Customer Parking	15	3	2	5	6	5	5	6	4	4	7	5	31%			
<b>Clarke Rd - South Side</b>	Fruit Shop Customer Parking	Fruit Shop Customer Parking	27	13	22	25	18	15	18	16	15	23	24	19	70%			
<b>Homer Ln - North Side</b>	Access to public carpark	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	11	2	8	9	7	7	5	5	5	8	8	6	58%			
		Disabled	1	0	0	0	1	0	0	0	0	0	0	0	10%			
<b>Lewis Street - East Side</b>	Coles Customer Parking	Roof	17	2	13	14	14	16	16	13	14	16	17	14	79%			
		Under	42	30	38	35	40	36	42	38	42	42	42	39	92%			
		Disabled	2	0	1	1	1	1	2	2	1	2	2	1	65%			
<b>Earlwood St - West Side</b>	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	23	4	7	14	17	8	12	10	5	18	17	11	49%			

Street	Between	Restrictions	Supply	Occupancy											Average	Average Occupancy
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00			
		Unrestricted	35	16	25	35	35	30	30	30	30	30	30	30	29	83%
		Disabled	4	3	0	2	3	1	1	2	2	3	1	2	2	45%
Joy Ln - East Side	Access to public carpark	Unrestricted	65	11	57	46	43	37	36	43	59	24	17	37	57%	
		3Hr Free Car Park, 9am - 6:30pm Mon to Fri & 9am - 1pm	70	9	45	53	56	44	41	36	55	29	22	39	56%	
		Disabled	4	3	4	4	4	4	2	2	3	2	2	3	75%	
<b>Total parking available</b>			<b>638</b>	<b>193</b>	<b>330</b>	<b>363</b>	<b>365</b>	<b>326</b>	<b>320</b>	<b>317</b>	<b>350</b>	<b>313</b>	<b>297</b>	<b>317</b>	<b>50%</b>	
% occupancy				30%	52%	57%	57%	51%	50%	50%	55%	49%	47%	50%		

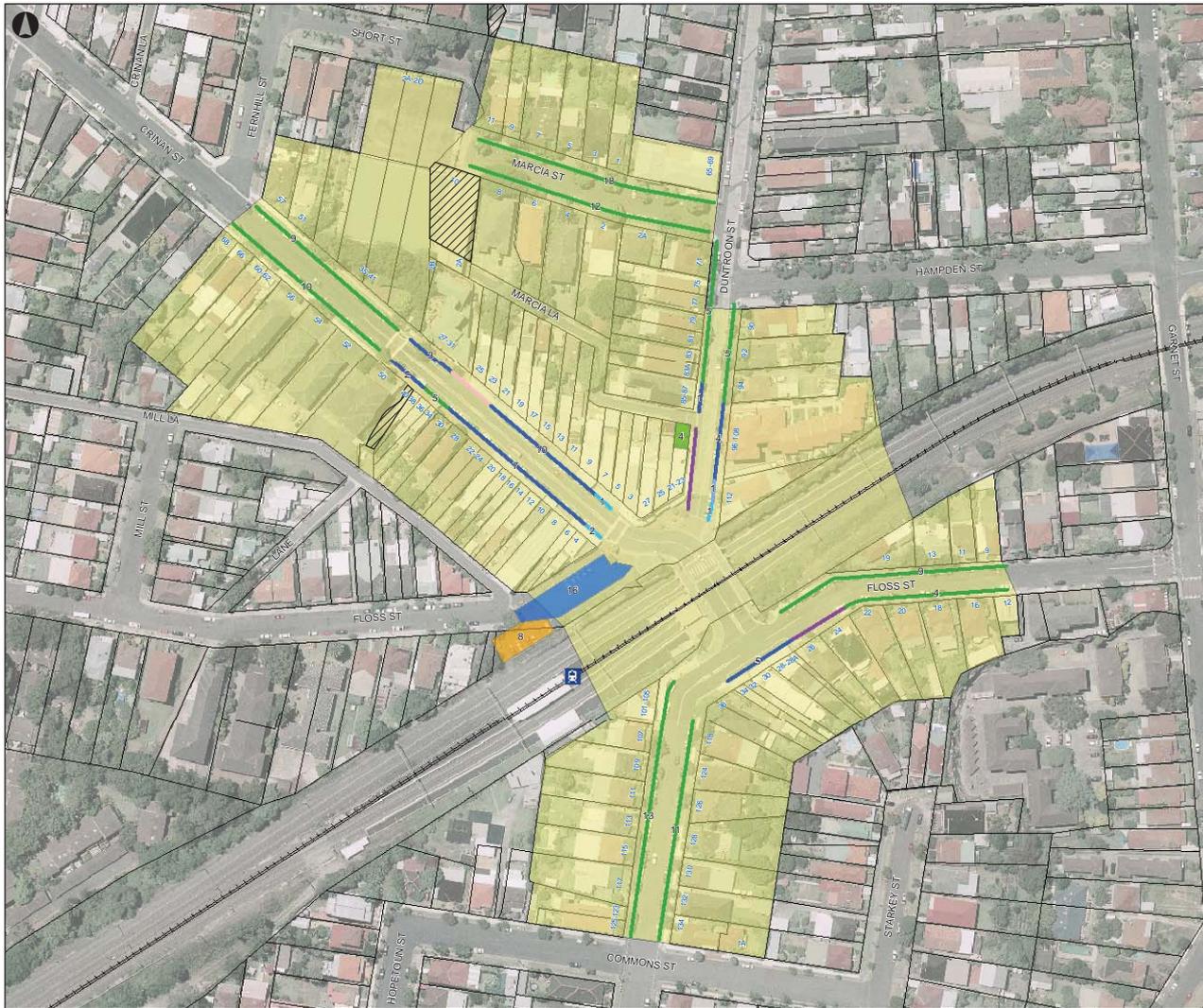
Total No Parking/Clearway with Time Restraints	31	91	60	60	60	60	60	60	60	90	90
Total Supply	607	547	578	578	578	578	578	578	578	548	548
Total Parking	193	330	363	365	326	320	317	350	313	297	
	32%	60%	63%	63%	56%	55%	55%	61%	54%	54%	
LT No Parking/Clearway with Time Restraints	0	60	60	60	60	60	60	60	70	70	
LT Supply	192	131	131	131	131	131	131	131	131	131	
LT Parking	137	223	230	230	234	237	218	235	207	208	
	35%	67%	69%	69%	65%	66%	66%	71%	64%	65%	
All minus LT No Parking /Clearway with Time Restraints	31	31	0	0	0	0	0	0	20	20	
All minus LT Supply	216	216	247	247	247	247	247	247	227	227	
All minus LT Parking	56	107	133	135	112	103	99	115	106	89	
	28%	59%	54%	55%	45%	42%	40%	47%	47%	39%	
ST No Parking/Clearway with Time Restraints	31	31	0	0	0	0	0	0	20	20	
ST Supply	164	164	184	184	184	184	184	184	184	184	
ST Parking	40	92	122	127	104	95	91	104	97	84	
	26%	60%	66%	69%	55%	51%	49%	56%	53%	45%	
LT and ST Spaces with restraints	31	91	60	60	60	60	60	60	90	90	
LT and ST Supply	545	485	516	516	516	516	516	516	486	486	
LT and ST Demand	177	315	352	357	315	312	309	339	304	293	
	32%	65%	68%	69%	61%	60%	60%	66%	63%	60%	

Street	Between	Restrictions	Supply							Average	Average Occupancy	
				9:00	10:00	11:00	12:00	13:00	14:00			15:00
<b>William Street</b>												
<i>North Side</i>	Lewis Ln To Homer St	No Stopping		0	1	0	0	0	0	0	0	#DIV/0!
<i>South Side</i>	Homer St To Lewis Ln	No Stopping		1	0	0	0	0	0	0	0	#DIV/0!
		Bus Zone	5	2	0	1	0	2	0	0	1	14%
		Unrestricted	7	5	5	4	5	6	4	4	5	67%
<b>Hartill Law Ave</b>												
<i>West Side</i>	Southern end To Homer St	No Stopping		0	2	0	0	1	0	1	1	#DIV/0!
<i>South Side</i>	Homer St To Lewis St	No Stopping		0	0	0	1	0	0	0	0	#DIV/0!
		No Parking		0	1	1	0	0	0	0	0	#DIV/0!
<b>Homer Street</b>												
<i>North Side</i>	William St To Earlwood Ave	No Stopping		0	0	0	1	0	1	0	0	#DIV/0!
		Bus Zone	6	0	2	2	0	0	0	0	1	10%
	Earlwood Ave To Clarke St	No Stopping		0	0	0	0	0	0	0	0	#DIV/0!
	Clarke St To Collingwood Ave	1P 8:30am- 6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 6:30am-9:30am Mon to Fri)	11	10	9	9	8	8	7	8	8	77%
		1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 6:30am-9:30am Mon to Fri)	7	4	5	5	5	7	4	6	5	73%
		Mail Zone	1	1	1	1	1	1	0	0	1	71%
		Bus Zone	3	0	0	0	0	0	0	0	0	0%
	Collingwood Ave To Wardell Rd	1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 6:30am-9:30am Mon to Fri)	8	4	9	8	6	6	6	5	6	79%
		Bus Zone	3	0	1	0	0	0	0	0	0	5%
		No Stopping		0	3	0	0	0	0	0	0	#DIV/0!
	Wardell Rd To Bakers Ln	1/2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 6:30am-9:30am Mon to Fri)	5	3	5	4	5	2	2	4	4	71%
		Bus Zone	3	0	0	0	0	0	0	0	0	0%
<i>South Side</i>	Bakers Ln To Minnamorra Ave	No Parking 3:30pm - 6:30pm Mon to Fri	5	1	3	3	0	2	1	1	2	31%
		Bus Zone	3	0	0	0	0	0	0	0	0	0%
	Minnamorra Ave To View St	No Parking 3:30pm - 6:30pm Mon to Fri	5	0	4	1	2	0	2	2	2	31%
		1/2P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 3:30pm-6:30pm Mon to Fri)	3	2	0	1	0	1	2	1	1	33%
		Bus Zone	3	0	0	0	0	0	0	0	0	0%
	View St To St James Ave	1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 3:30pm-6:30pm Mon to Fri)	10	4	0	3	2	0	8	8	4	36%
		Bus Zone	3	0	0	0	0	0	0	0	0	0%
	St James Ave To Joy Ave	1P 8:30am-6pm Mon to Fri & 8:30am-12:30pm Sat (No Parking 3:30pm-6:30pm Mon to Fri)	7	1	0	3	1	2	5	6	3	37%
		Bus Zone	3	0	1	0	0	0	0	0	0	5%
		No Stopping		0	0	1	0	0	0	1	0	#DIV/0!
	Joy Ave To Hartill Law Ave	Bus Zone	4	0	0	1	0	0	0	0	0	4%
<b>Lewis Lane</b>												
<i>West Side</i>	William St To Clarke St	No Stopping		0	1	0	0	0	0	1	0	#DIV/0!
	Clarke St To Larkhall Ave	No Stopping		0	0	0	0	0	0	0	0	#DIV/0!
	Larkhall Ave To Northern end	No Stopping		0	0	0	0	0	0	0	0	#DIV/0!
<i>East Side</i>	Larkhall Ave To Clarke St	No Stopping		0	0	1	0	0	0	0	0	#DIV/0!
	Clarke St To Clarke Ln	No Stopping		0	0	0	1	0	0	0	0	#DIV/0!
		No Parking		0	0	0	1	0	0	0	0	#DIV/0!
<b>Clarke Ln</b>												
<i>North Side</i>	Lewis Ln To Clarke St	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	0	0	0	0	1	2	3	1	17%
		No Stopping		0	0	1	0	0	0	1	0	#DIV/0!
<i>South Side</i>	Clarke St To Lewis Ln	Loading Zone	2	1	0	0	1	1	3	0	1	43%
		No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	0	2	0	0	0	0	2	1	5%
<b>Clarke Street</b>												
<i>North Side</i>	Lewis Ln To Lewin St	Unrestricted	3	0	3	3	2	2	1	3	2	67%
	Lewin st To Earlwood Ave	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	1	2	1	2	2	86%
		Bus Zone	5	0	2	0	1	0	1	2	1	17%
		Loading Zone	2	1	3	0	0	1	1	1	1	50%
<i>South Side</i>	Earlwood Ave To Clarke Ln	2P	2	1	2	1	2	1	0	2	1	64%
	Clarke Ln To Lewis Ln	2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	1	1	1	0	1	1	1	1	86%
		2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	6	4	5	6	4	4	3	5	76%
		Bus Zone	4	0	0	0	0	0	1	0	0	4%
		No Stopping		0	0	0	0	0	0	0	0	#DIV/0!

Street	Between	Restrictions	Supply								Average	Average Occupancy
				9:00	10:00	11:00	12:00	13:00	14:00	15:00		
<b>Larkhall Ln</b>												
<i>North Side</i>	Lewis Ln To Eastern end	Disabled	1	0	1	1	0	1	1	1	1	71%
	Eastern end To Lewis Ln	Disabled	1	0	0	1	0	0	0	1	0	29%
<b>Homer Ln</b>												
<i>North Side</i>	Earlwood Ave To Collingwood Ave	No Stopping		0	0	0	0	0	0	0	0	#DIV/0!
		No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	17	0	0	0	0	0	0	0	0	0%
	Collingwood Ave To Wardell Rd	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	16	0	0	0	0	0	0	0	0	0%
<i>South Side</i>	Wardell Rd To Collingwood Ave	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	0	0	0	0	0	0	0	0%
	Collingwood Ave To Earlwood Ave	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	0	0	0	0	0	0	0	0%
<b>Lewis St</b>												
<i>West Side</i>	Clarke St To Larkhall Ln	Disabled	2	0	0	2	1	1	1	1	1	43%
		2P	2	2	2	2	2	1	0	2	2	79%
	Larkhall Ln To Northern end (15)	Unrestricted	6	1	5	6	4	5	5	4	4	71%
<i>East Side</i>	Northern end (16) To Clarke St	Unrestricted	3	0	3	4	3	3	3	2	3	86%
<b>Earlwood Street</b>												
<i>West Side</i>	Homer St To Clarke St	Loading Zone	2	1	1	2	0	0	3	0	1	50%
	Clarke St To Helvetia Ln	Taxi Zone	2	0	1	1	1	0	2	0	1	36%
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	3	3	2	3	1	2	2	71%
	Helvetia Ln To Northern end (59)	Unrestricted	5	1	5	3	5	5	2	4	4	71%
<i>East Side</i>	Northern end (56) To Homer Ln	Unrestricted	2	0	1	2	2	1	1	2	1	64%
		No Parking Authorised Salvation Army Vehicles No Parking Police Vehicles Excepted	2	0	1	1	1	1	0	0	1	29%
	Homer Ln To Homer St	No Parking Police Vehicles Excepted	2	1	1	1	0	0	0	1	1	29%
		Loading Zone	3	0	1	1	0	1	1	0	1	19%
<b>Collingwood Avenue</b>												
<i>West Side</i>	Homer St To Homer Ln	Unrestricted	2	1	2	2	2	2	2	2	2	93%
	Homer Ln To Northern end (43)	Unrestricted	3	1	2	1	3	2	3	4	2	76%
<i>East Side</i>	Northern end (36) To Homer Ln	Unrestricted	5	5	5	5	5	5	5	5	5	100%
	Homer Ln To Homer St	Disabled	1	0	1	1	1	1	1	1	1	86%
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	2	2	2	2	2	100%
<b>Wardell Road</b>												
<i>West Side</i>	Homer St To Homer Ln	Unrestricted	2	2	1	2	2	1	2	2	2	86%
	Homer Ln To Northern end	Unrestricted	2	2	2	2	2	2	3	3	2	114%
<i>East Side</i>	Northern end To Homer St	Bus Zone	3	0	0	0	0	0	0	0	0	0%
		Unrestricted	1	1	1	1	0	0	0	0	0	43%
<b>Bakers Lane</b>												
<i>West Side</i>	Homer St To Northern end	Not marked but too narrow for practice parking		0	0	0	0	0	0	0	0	#DIV/0!
<i>East Side</i>	Northern end To Homer St	Not marked but too narrow for practice parking		1	1	1	1	1	1	1	1	#DIV/0!
<b>Minnamorra Avenue</b>												
<i>West Side</i>	Banks Ln To Homer St	Unrestricted	3	2	2	1	2	2	3	3	2	71%
	Homer St To Banks Ln	Unrestricted	5	3	1	2	3	3	1	1	2	40%
<b>View Street</b>												
<i>West Side</i>	Georges Ln To Homer St	Unrestricted	4	1	3	3	3	3	2	2	2	61%
		Disabled	1	1	1	1	1	1	0	0	1	71%
	Homer St To Georges Ln	1P 8:30am - 3:30pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	3	2	2	2	3	3	3	64%
<b>St James Avenue</b>												
<i>West Side</i>	School (5) To Joy Ln	Unrestricted	3	3	3	2	3	2	3	3	3	90%
	Joy Ln To Homer St	No Parking		2	2	1	3	1	0	0	1	#DIV/0!
		No Stopping		0	2	1	1	1	0	0	1	#DIV/0!
<i>East Side</i>	Homer St To School (5)	Unrestricted	9	9	7	8	7	7	6	4	7	76%
		Disabled	1	1	0	1	1	1	0	0	1	57%
<b>Joy Avenue</b>												
<i>North Side</i>	Homer St To Joy Ln	Taxi Zone	2	0	0	0	1	0	1	1	0	21%
		No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	1	1	1	0	1	1	1	1	43%
<b>Joy Lane</b>												
<i>East Side</i>	St James Ave To Joy Ave	No Parking 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	0	0	0	0	3	3	1	29%
		1/4P 8:30am - 5pm Mon to Fri	8	4	4	4	4	4	8	7	5	63%
<i>West Side</i>	Joy Ave To St James Ave	No Parking		0	0	0	0	0	0	0	0	#DIV/0!
<b>Off-Street Location</b>												
<i>William St - North Side</i>	Metropolis Carpark	Metropolis Carpark	15	2	5	5	6	5	1	4	4	27%
<i>Homer St - North Side</i>	Big Eds	Big Eds	9	2	6	2	3	2	0	1	2	25%
<i>Lewis Ln - East Side</i>	Dentist Customer Parking	Dentist Customer Parking	9	1	4	4	6	7	3	0	4	40%
	KFC Customer Parking	KFC Customer Parking	15	1	0	5	9	11	7	5	5	36%
<i>Clarke Rd - South Side</i>	Fruit Shop Customer Parking	Fruit Shop Customer Parking	27	21	25	24	25	26	18	21	23	85%
<i>Homer Ln - North Side</i>	Access to public carpark	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	11	5	7	8	5	5	8	8	7	60%

Street	Between	Restrictions	Supply									Average	Average Occupancy
				9:00	10:00	11:00	12:00	13:00	14:00	15:00			
		Disabled	1	0	0	1	1	0	0	0	0	29%	
	Coles Customer Parking	Roof	17	10	17	17	16	17	14	15	15	89%	
		Under	42	28	42	42	42	42	42	42	40	95%	
		Disabled	2	1	2	2	2	2	2	2	2	93%	
Earlwood St - West Side	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	23	7	23	23	20	25	15	15	18	80%	
		Unrestricted	35	25	35	35	31	25	28	31	31	87%	
		Disabled	4	1	4	3	4	2	1	3	3	64%	
Joy Ln - East Side	Access to public carpark	Unrestricted	65	30	48	36	42	17	16	18	30	45%	
		3Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm	70	45	54	46	27	19	21	27	34	49%	
		Disabled	4	2	2	3	4	4	2	2	3	68%	
<b>Total parking available</b>			<b>638</b>	<b>283</b>	<b>417</b>	<b>392</b>	<b>369</b>	<b>332</b>	<b>302</b>	<b>327</b>	<b>346</b>	<b>54%</b>	
% occupancy				44%	65%	61%	58%	52%	47%	51%	54%		

Total No Parking/Clearway with Time Restraints	60	60	60	60	0	0	0
Total Supply	578	578	578	578	638	638	638
Total Parking	283	417	392	371	334	304	329
	44%	65%	61%	58%	52%	47%	51%
LT No Parking/Clearway with Time Restraints	60	60	60	60	0	0	0
LT Supply	331	331	331	331	391	391	391
LT Parking	171	271	253	266	233	193	213
	52%	82%	76%	80%	60%	49%	54%
All minus LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
All minus LT Supply	247	247	247	247	247	247	247
All minus LT Parking	113	148	141	105	101	111	116
	46%	60%	57%	43%	41%	45%	47%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
ST Supply	185	185	185	185	185	185	185
ST Parking	107	115	132	100	95	98	112
	58%	73%	72%	54%	51%	53%	61%
LT and ST Spaces with restraints	60	60	60	60	0	0	0
LT and ST Supply	516	516	516	516	576	576	576
LT and ST Demand	278	405	385	356	328	291	325
	46%	76%	75%	71%	57%	51%	56%



- Legend**
- 5 min, 10 min, or 15 min P
  - 1/2 P
  - 1 P
  - 2 P
  - 3 P or 4 P
  - Disabled Parking
  - Bus Zone
  - Loading/Mail/Taxi/Truck Zone
  - Unrestricted Parking
  - Clearway
  - XXX Property No.
  - Study Area
  - Council Owned Land

PA	May 2012	BL	MH	AS
Issue	Date	By	Chkd	Appd



Client  
**City of Canterbury**

Job Title  
**Town Centres Parking Strategy**

Drawing Title  
**Hurlstone Park Town Centre  
 Parking Supply and  
 Management Recommendations**

Scale at A3  
**1:1,500**

Drawing Status  
**Final**

Job No JS10270	Issue P4
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Hurlstone Park (South Site)

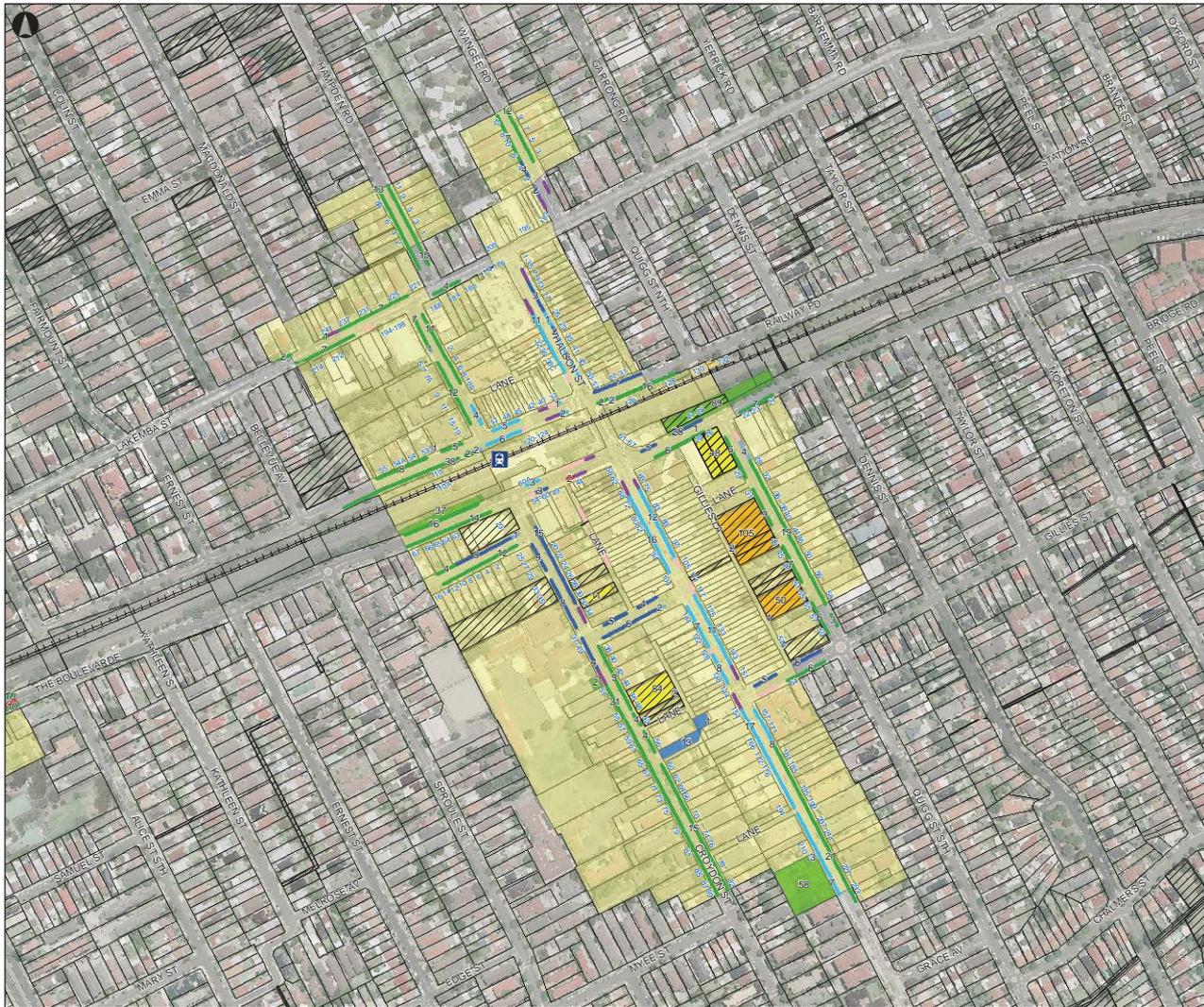
Street	On/Off Street	Side	Between		Restriction			Residential	Spaces	Demand									
					Type	Hour	Day			Tuesday 23rd November									
										8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Crinan St	On	N	Fernhill St	Duntrune	unrestricted			Y	9	6	9	10	12	11	9	9	9	7	5
Crinan St	On	N	Fernhill St	Duntrune	1P	8:30-6	M-F	N	3	2	3	3	3	3	2	2	3	3	2
Crinan St	On	N	Fernhill St	Duntrune	Mail Zone			N	1	0	1	0	1	0	0	1	0	0	1
Crinan St	On	N	Fernhill St	Duntrune	1P	8:30-6 8:30-12pm	M-F Sat	N	10	6	7	10	9	8	7	6	4	7	7
Crinan St	On	N	Fernhill St	Duntrune	1/2P	8:30-6 8:30-12pm	M-F Sat	N	1	1	1	1	1	1	1	0	0	1	1
Duntrone St	Off	W	Crinan St	Marcia Ln	Permit Parking			N	4	1	3	3	4	2	2	2	3	3	2
Duntrone St	On	W	Marcia Ln	Marcia St	1P	8:30-6 8:30-12pm	M-F Sat	N	1	0	0	1	1	0	1	1	0	1	2
Duntrone St	On	W	Marcia St		unrestricted			Y	5	7	7	7	6	6	7	7	7	7	8
Marcia St	On	S	Duntrone	End	unrestricted			Y	12	4	7	7	7	7	6	6	5	8	8
Marcia St	On	N	Duntrone	End	unrestricted			Y	18	10	12	9	10	11	11	11	8	9	9
Duntrone St	On	E	Crinan St	Hampden	unrestricted			Y	5	3	6	6	6	6	5	5	6	6	5
Duntrone St	On	E	Crinan St	Hampden	1P	8:30-6 8:30-12pm	M-F Sat	N	4	3	3	2	2	3	2	3	3	3	3
Duntrone St	On	E	Crinan St	Hampden	Disabled			N	1	0	0	0	0	0	0	0	0	0	0
Duntrone St	On	E	Crinan St	Hampden	1/2P	8:30-6 8:30-12pm	M-F Sat	N	1	1	0	0	1	1	1	0	1	0	0
Floss St	On	N	Crinan St	House N.o 11 Driveway	unrestricted			N	9	7	6	8	7	8	6	8	8	7	8
Floss St	On	S	House N.o 16 Driveway	Crinan St	unrestricted			Y	4	2	2	4	4	3	3	3	4	2	2
Floss St	On	S	Crinan St		1p	8:30-6 8:30-12pm	M-F Sat	N	5	0	1	2	2	0	1	2	2	3	1
Duntrone St	On	E	Commons St	Crinan St	unrestricted			Y	11	9	10	11	11	11	11	11	11	9	11
Duntrone St	On	W	Commons St	Crinan St	unrestricted			Y	13	12	14	13	17	17	17	17	13	13	15
Crinan St (Floss St Parking)	Off	N	Crinan St		1 hour- 90 degree parking	8:30-6 8:30-12pm	M-F Sat	N	16	2	1	4	8	5	3	5	2	6	7
Crinan St (Floss St Parking)	Off	S	Crinan St	Fernhill st	4 hour	8:30-6 8:30-12pm	M-F Sat	N	8	4	8	8	7	8	7	6	6	4	3
Crinan St	On	S	Crinan St	Fernhill st	1/2 hour	8:30-6 8:30-12pm	M-F Sat	N	2	1	1	1	2	1	0	0	2	2	1
Crinan St	On	S	Crinan St	Fernhill st	1 hour	8:30-6 8:30-12pm	M-F Sat	N	7	2	7	5	6	4	4	5	6	6	6
Crinan St	On	S	Crinan St	Fernhill st	unrestricted			Y	5	5	3	4	5	4	3	3	2	4	4
Crinan St	On	S	Crinan St	Fernhill st	1 hour	8:30-6 8:30-12pm	M-F Sat	N	2	2	2	2	2	1	1	1	0	2	2
Crinan St	On	S	Crinan St	Fernhill st	unrestricted			Y	10	10	11	10	11	11	10	10	10	6	9
Total									167	100	125	131	145	132	120	124	115	119	122
Occupancy										60%	75%	78%	87%	79%	72%	74%	69%	71%	73%

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Supply	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167
Total Parking	100	125	131	145	132	120	124	115	119	122									
	60%	75%	78%	87%	79%	72%	74%	69%	71%	73%									
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT Supply	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114
LT Parking	80	98	100	107	105	97	98	92	85	89									
	70%	86%	88%	94%	92%	85%	86%	81%	75%	78%									
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All minus LT Supply	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
All minus LT Parking	20	27	31	38	27	23	26	23	24	24									
	38%	41%	48%	58%	43%	38%	43%	40%	43%	44%									
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST Supply	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
ST Parking	20	26	31	37	27	23	25	23	24	24									
	38%	50%	60%	71%	52%	44%	48%	44%	46%	46%									
LT and ST Spaces with restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT and ST Supply	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
LT and ST Demand	100	124	131	144	132	120	123	115	119	121									
	60%	75%	78%	87%	80%	72%	74%	69%	72%	73%									

Hurlstone Park (South Site)

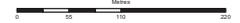
							Demand									
							Saturday 27th November									
Street	On/Off Street	Side	Between		Restriction			Residential	Spaces	9am	10am	11am	12pm	1pm	2pm	3pm
					Type	Hour	Day									
Crinan St	On	N	Fernhill St	Duntrune	unrestricted			Y	9	10	12	12	12	11	8	7
Crinan St	On	N	Fernhill St	Duntrune	1P	8:30-6	M-F	N	3	2	4	3	3	4	2	2
Crinan St	On	N	Fernhill St	Duntrune	Mail Zone			N	1	0	1	0	0	0	0	0
Crinan St	On	N	Fernhill St	Duntrune	1P	8:30-6 8:30-12pm	M-F Sat	N	10	9	9	9	8	8	5	5
Crinan St	On	N	Fernhill St	Duntrune	1/2P	8:30-6 8:30-12pm	M-F Sat	N	1	1	1	1	1	0	0	0
Duntrone St	Off	W	Crinan St	Marcia Ln	Permit Parking			N	4	2	2	2	2	2	1	1
Duntrone St	On	W	Marcia Ln	Marcia St	1P	8:30-6 8:30-12pm	M-F Sat	N	1	1	1	1	1	1	1	1
Duntrone St	On	W	Marcia St		unrestricted			Y	5	6	6	5	4	6	7	6
Marcia St	On	S	Duntrone	End	unrestricted			Y	12	5	5	6	9	7	8	7
Marcia St	On	N	Duntrone	End	unrestricted			Y	18	6	9	12	14	10	12	11
Duntrone St	On	E	Crinan St	Hampden	unrestricted			Y	5	4	5	4	4	5	5	5
Duntrone St	On	E	Crinan St	Hampden	1P	8:30-6 8:30-12pm	M-F Sat	N	4	4	3	3	4	4	2	2
Duntrone St	On	E	Crinan St	Hampden	Disabled			N	1	0	1	0	0	0	0	0
Duntrone St	On	E	Crinan St	Hampden	1/2P	8:30-6 8:30-12pm	M-F Sat	N	1	1	1	1	0	0	1	0
Floss St	On	N	Crinan St	House N.o 11 Driveway	unrestricted			N	9	4	5	7	7	7	8	7
Floss St	On	S	Crinan St	House N.o 16 Driveway	unrestricted			Y	4	3	3	2	2	2	2	2
Floss St	On	S	Crinan St		1P	8:30-6 8:30-12pm	M-F Sat	N	5	2	1	1	2	3	2	2
Duntrone St	On	E	Commons St	Crinan St	unrestricted			Y	11	6	5	5	2	4	3	4
Duntrone St	On	W	Commons St	Crinan St	unrestricted			Y	13	8	7	8	10	8	9	7
Crinan St (Floss St Parking)	Off	N	Crinan St		1 hour- 90 degree parking	8:30-6 8:30-12pm	M-F Sat	N	16	3	12	12	14	10	3	4
Crinan St (Floss St Parking)	Off	S	Crinan St	Fernhill st	4 hour	8:30-6 8:30-12pm	M-F Sat	N	8	1	2	3	6	4	4	3
Crinan St	On	S	Crinan St	Fernhill st	1/2 hour	8:30-6 8:30-12pm	M-F Sat	N	2	1	2	2	2	2	1	1
Crinan St	On	S	Crinan St	Fernhill st	1 hour	8:30-6 8:30-12pm	M-F Sat	N	7	5	4	4	2	4	7	4
Crinan St	On	S	Crinan St	Fernhill st	unrestricted			Y	5	5	5	5	5	4	3	3
Crinan St	On	S	Crinan St	Fernhill st	1 hour	8:30-6 8:30-12pm	M-F Sat	N	2	2	2	2	2	1	1	1
Crinan St	On	S	Crinan St	Fernhill st	unrestricted			Y	10	9	9	8	8	6	7	5
Total									167	100	117	118	124	113	102	90
Occupancy									60%	70%	71%	74%	68%	61%	54%	

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
Total Supply	167	167	167	167	167	167	167
Total Parking	100	117	118	124	113	102	90
	60%	70%	71%	74%	68%	61%	54%
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
LT Supply	114	114	114	114	114	114	114
LT Parking	69	76	79	85	76	77	68
	61%	67%	69%	75%	67%	68%	60%
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0
All minus LT	53	53	53	53	53	53	53
All minus LT	31	41	39	39	37	25	22
	58%	77%	74%	74%	70%	47%	42%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
ST Supply	52	52	52	52	52	52	52
ST Parking	31	40	39	39	37	25	22
	60%	77%	75%	75%	71%	48%	42%
LT and ST Spaces with restraints	0	0	0	0	0	0	0
LT and ST Supply	166	166	166	166	166	166	166
LT and ST Demand	100	116	118	124	113	102	90
	60%	70%	71%	75%	68%	61%	54%



- Legend**
- 5 min, 10 min, or 15 min P
  - 1/2 P
  - 1 P
  - 2 P
  - 3 P or 4 P
  - Disabled Parking
  - Bus Zone
  - Loading/Mail/Taxi/Truck Zone
  - Unrestricted Parking
  - Cleanway
  - XXX Property No.
  - Study Area
  - Council Owned Land

PA	May 2012	BL	MH	AS
Issue	Date	By	Chkd	Appd



Client  
**City of Canterbury**

Job Title  
**Town Centres Parking Strategy**

Drawing Title  
**Lakemba Town Centre  
 Parking Supply and  
 Management Recommendations**

Scale at A3  
**1:4,000**

Drawing Status  
**Final**

Job No JS10270	Issue P4
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Street	Between	Restrictions	Supply	Occupancy											Average	Average Occupancy
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00			
<b>Railway Parade</b>																
<b>North Side</b>	Western end (56) To Croydon St Nth	Unrestricted	8	7	9	7	8	8	8	8	8	6	8	8	96%	
		Unrestricted	5	5	5	5	5	5	5	5	5	5	5	5	100%	
	Croydon St Nth To Haldon St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	2	4	4	5	4	4	4	4	4	3	4	76%	
		No Stopping		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0%	
		Loading Zone	2	0	1	0	1	1	2	2	0	0	1	1	40%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	1	1	0	1	1	1	1	1	1	1	1	90%	
	Haldon St To Eastern end (23)	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	7	7	5	7	7	7	6	6	6	7	7	93%	
<b>South Side</b>	Eastern end (23) To Haldon St	Unrestricted 90 Degree Rear To Kerb	16	16	16	16	16	16	16	16	16	16	16	16	100%	
		Disabled 90 Degree Rear To Kerb	2	0	2	2	2	2	2	2	2	2	2	2	90%	
		Unrestricted	2	2	2	2	2	2	2	2	2	2	2	2	100%	
	Haldon St To Western end (56)	No Stopping		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	1	2	2	2	1	2	1	2	2	2	85%	
		Bus Zone	3	0	0	0	0	0	0	0	0	0	1	0	3%	
		No Stopping		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
		Mail Zone	1	0	0	0	0	0	1	1	0	0	0	0	20%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	2	6	6	6	5	6	6	5	3	4	5	82%	
		Disabled 90 Degree Rear To Kerb	2	2	2	2	2	2	2	1	1	2	1	2	85%	
		Unrestricted 90 Degree Rear To Kerb	2	2	2	2	2	2	2	2	2	2	2	2	100%	
		No Parking		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
		Unrestricted 90 Degree Rear To Kerb	38	36	38	38	38	38	38	38	37	36	33	37	97%	
<b>Hampden Road</b>																
<b>West Side</b>	Lakemba St To Northern end (10-12)	Unrestricted	13	11	12	12	11	9	11	9	9	9	8	10	78%	
<b>East Side</b>	Northern end (13) To Lakemba St	Unrestricted	15	12	13	14	14	11	14	14	9	9	12	83%		
<b>Croydon Street North</b>																
<b>West Side</b>	Railway Pde To Lakemba St	Unrestricted	12	11	11	11	11	11	11	11	11	11	11	11	92%	
		Disabled	1	0	0	0	0	0	0	0	1	0	0	0	10%	
		Unrestricted	7	7	7	7	7	7	6	7	6	7	6	7	97%	
<b>East Side</b>	Lakemba St To Croydon Ln	Unrestricted	11	11	11	11	12	11	11	11	9	9	11	11	97%	
	Croydon Ln To Railway Pde	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	0	3	4	4	4	4	5	3	2	4	3	83%	
<b>Croydon Lane</b>																
<b>North Side</b>	Croydon St Nth To Eastern end	No Stopping		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
<b>Southern Side</b>	Eastern end To Croydon St Nth	No Stopping		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
<b>Wangee Road</b>																
<b>West Side</b>	Lakemba St To Northern end (12)	Bus Zone	3	0	0	0	1	0	0	0	0	2	1	0	13%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	2	2	2	1	2	2	2	2	95%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	4	4	4	4	3	2	2	2	4	4	3	83%	
		No Parking		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
		Unrestricted	7	5	5	5	7	7	7	7	6	7	7	6	90%	
<b>East Side</b>	Northern end (11) To Lakemba St	Unrestricted	12	8	11	11	9	9	10	8	6	7	7	9	72%	
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0%	
<b>Lakemba Street</b>																
<b>North Side</b>	Western end (Church) To Macdonald St	Unrestricted	2	1	2	2	2	2	2	2	2	2	1	2	90%	
	Macdonald St To Hampden Rd	Unrestricted	1	1	1	1	1	1	1	1	0	2	1	1	100%	
		Bus Zone	2	0	0	0	0	0	0	0	0	0	0	0	0%	
		Unrestricted	7	7	7	7	7	7	7	7	8	7	7	7	101%	
<b>South Side</b>	Haldon St To Croydon St Nth	Unrestricted	4	4	3	3	5	5	4	4	4	4	3	4	98%	
	Croydon St Nth To Western end (216)	Taxi Zone	2	0	0	0	0	0	0	0	0	0	0	0	0%	
		Unrestricted	7	7	7	6	5	5	7	6	4	3	5	6	79%	
<b>Haldon Street</b>																
<b>East Side</b>	Lakemba St To Railway Pde	Bus Zone	2	0	0	0	0	0	0	0	0	0	0	0	0%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	0	3	3	2	1	2	2	2	1	2	63%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	1	1	1	1	1	1	1	1	1	1	1	100%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	1	1	2	2	1	2	2	2	2	2	2	85%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	5	6	5	5	5	5	5	3	5	5	5	82%	
	The Boulevard to Gillies St	Bus Zone	4	0	0	0	1	2	1	0	1	0	0	1	13%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	12	8	12	12	9	12	11	12	10	12	11	11	91%	
		Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	0	1	1	1	2	0	1	1	1	1	1	45%	
		No Stopping		0	0	2	0	0	0	1	0	0	0	0	#DIV/0!	
		Loading Zone 15min 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	1	2	1	1	2	0	1	0	0	0	1	40%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	5	11	10	11	11	10	11	11	10	11	10	92%	
		Bus Zone	3	0	1	0	2	0	0	0	0	2	2	1	23%	
	Gillies St to Southern Rd (23)	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	29	23	29	26	28	29	28	25	26	18	16	25	86%	
<b>West Side</b>	Southern End to Oneata St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	3	6	4	5	6	5	4	4	4	4	5	64%	

Street	Between	Restrictions	Supply	Occupancy											Average	Average Occupancy
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00			
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	17	8	12	10	14	18	16	14	16	7	6	12	71%	
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	5	5	7	7	8	6	6	7	4	5	6	75%	
		Mail Zone	1	0	0	0	0	1	0	0	0	0	0	0	10%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	5	6	6	7	7	7	6	6	3	3	6	80%	
	Oneata St to The Boulevard	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	16	10	14	15	14	16	14	16	13	10	11	13	83%	
		Bus Zone	3	0	0	1	1	1	0	0	0	0	0	0	10%	
	Railway Pde To Lakemba St	Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	1	1	0	1	1	1	1	1	1	1	1	90%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	10	11	11	10	11	9	10	8	9	10	10	91%	
		Bus Zone	3	0	0	0	4	1	0	0	0	1	3	1	30%	
<b>The Boulevard</b>																
<b>North Side</b>																
	Western end to Haldon St	Unrestricted	16	14	15	15	16	16	16	16	16	15	13	15	95%	
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	2	3	3	3	3	2	3	3	2	3	3	90%	
		Taxi Zone	6	1	3	1	2	0	3	1	1	2	0	1	23%	
	Haldon St to Eastern End	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	0	0	0	0	5	5	7	4	3	2	2	48%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	0	0	0	2	3	3	1	0	3	0	1	15%	
<b>South Side</b>																
	Eastern End to Quigg St	Unrestricted	7	1	2	7	7	6	5	3	3	4	3	2	115%	
	Quigg St to Haldon St	No stopping 4pm - 6pm Mon to Fri	6	0	4	3	4	3	2	3	3	0	0	5	415%	
	Haldon St to Oneata Ln	Bus Zone	3	0	1	0	0	1	0	0	2	1	2	8	715%	
		P 5min	1	0	1	2	2	2	3	1	1	2	2	9	815%	
	Oneata Ln to Croydon St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	3	3	3	3	2	3	3	3	12	1115%		
		Mail Zone	1	0	0	0	0	0	0	0	0	0	0	13	1215%	
	Croydon St to Western End (67)	Unrestricted	14	13	14	15	15	15	15	15	16	13	13	16	1515%	
<b>Oneata Street</b>																
<b>North Side</b>																
	Croydon St to Oneata Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	2	5	5	5	5	5	3	3	4	4	4	84%	
	Oneata Ln to Haldon St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	4	4	4	4	3	4	4	4	4	4	95%	
<b>South Side</b>																
	Haldon St to Croydon St	Disabled	2	1	2	2	2	3	2	3	2	2	1	2	100%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	2	5	6	7	7	6	6	6	6	7	6	97%	
<b>Quigg Street</b>																
<b>East Side</b>																
	The Boulevard to Gillies St	Taxi Zone	2	0	0	0	0	0	0	0	0	0	1	0	5%	
		Disabled Parking	4	0	1	4	4	4	2	3	4	4	2	3	70%	
		Unrestricted	19	15	17	16	15	14	13	15	16	16	14	15	79%	
		Unrestricted	3	0	2	3	3	3	3	3	2	2	2	2	80%	
<b>West Side</b>																
	Gillies St to Gillies Ln	Unrestricted	6	6	3	3	4	6	6	5	6	5	5	5	82%	
		Unrestricted	7	5	6	6	6	6	6	6	6	6	6	6	84%	
		Unrestricted	9	7	8	7	7	6	7	6	6	7	6	7	74%	
	Gillies Ln to The Boulevard	Unrestricted	6	4	5	6	6	6	5	5	6	5	5	5	88%	
<b>Davidson Lane</b>																
<b>North Side</b>																
	Croydon St to Davidson Ln	No Stopping		0	0	0	0	0	0	0	0	1	0	0	#DIV/0!	
<b>South Side</b>																
	Davidson Ln to Croydon St	No Stopping		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
<b>East Side</b>																
	Northern End to Southern End	No Parking		0	0	1	0	1	1	0	0	0	0	0	#DIV/0!	
<b>West Side</b>																
	Southern End to Davidson Ln	No Parking		0	0	0	0	0	1	0	1	1	0	0	#DIV/0!	
	Davidson Ln to Northern End	No Parking		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
<b>Croydon Street</b>																
<b>East Side</b>																
	The Boulevard to Oneata St	1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	15	15	15	15	15	15	14	14	15	16	5	14	93%	
		Bus Zone	3	1	0	0	0	1	0	0	0	0	0	0	7%	
	Oneta St to Davidson Ln	Unrestricted	9	9	9	9	9	9	8	8	7	6	8	8	92%	
		Unrestricted	4	4	3	4	4	4	4	3	3	3	4	4	90%	
	Davidson Ln to Southern end (82)	Unrestricted	4	4	3	4	4	4	4	3	3	2	1	3	80%	
		Unrestricted	15	14	14	13	14	13	13	14	13	12	10	13	87%	
<b>West Side</b>																
	Southern end (89) to Browning Ave	Unrestricted	31	25	28	31	31	31	30	30	26	24	22	28	90%	
		Bus Zone	4	0	0	0	0	0	0	0	0	0	0	0	0%	
		1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	8	3	6	8	8	7	7	5	6	3	6	7	75%	
		1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	4	2	3	4	6	5	4	4	3	3	4	4	93%	
<b>Oneata Lane</b>																
<b>Eastside</b>																
	The Boulevard to Oneata St	No Parking		0	0	1	0	0	0	0	1	1	2	1	#DIV/0!	
		Loading Zone - 15min	3	0	0	0	0	2	1	1	0	0	0	0	13%	
		No Parking		0	0	0	0	0	0	0	1	1	0	0	#DIV/0!	
		Loading Zone	4	0	0	0	0	0	0	1	0	0	0	0	3%	
		No Parking		0	0	1	0	0	1	0	0	0	0	0	#DIV/0!	

Street	Between	Restrictions	Supply	Occupancy												Average	Average Occupancy
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00				
<b>Gillies Street</b>																	
<i>North Side</i>	Haldon St to Gillies Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	2	4	5	3	5	5	4	4	4	5	4	82%		
	Gillies Ln to Quigg St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	0	1	2	4	4	6	5	5	3	5	4	58%		
<i>South Side</i>	Quigg St to Haldon St	Unrestricted	6	3	5	6	5	6	6	5	6	6	6	5	90%		
		Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	1	1	0	1	2	1	2	3	2	1	47%		
<b>Gillies Lane</b>																	
<i>West Side</i>	Gillies St to Northern End	No Stopping		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!		
<b>Browning Avenue</b>																	
<i>North Side</i>	Western end to Croydon St	Unrestricted	4	4	4	4	6	5	5	5	4	3	3	4	108%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	3	7	8	8	8	8	8	7	7	6	7	88%		
		Disabled	1	1	1	1	1	1	1	1	1	0	1	0	90%		
<i>South Side</i>	Croydon St to Western end	Unrestricted	12	8	11	12	13	13	11	12	12	11	10	11	94%		
<b>Off-Street Location</b>																	
<i>Railway Pde - North Side</i>	Dr Surgery Customer Parking	Normal	1	0	1	1	1	1	0	0	1	0	1	0	60%		
		Disabled	1	0	1	1	1	0	0	0	1	0	0	0	40%		
<i>Haldon St - West Side</i>	ALDI Car Park	Normal	58	4	23	19	23	22	24	25	21	20	19	20	34%		
		Disabled	3	0	0	0	1	1	1	0	1	0	1	1	17%		
<i>The Boulevard - North Side</i>	Commuter Car Park	Normal 90 Degree	37	28	34	38	37	37	38	36	37	35	30	35	95%		
	Commuter Car Park	Normal 90 Degree	89	14	30	52	67	66	69	57	59	51	43	51	57%		
		Disabled	2	0	1	1	2	1	2	1	1	1	1	1	55%		
<i>The Boulevard - South Side</i>	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	48	4	24	41	48	48	40	43	35	38	39	36	75%		
		Disabled	1	0	1	1	1	0	1	1	1	1	0	1	70%		
<i>Quigg St - West Side</i>	Car Park	4hrs limit 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	50	8	16	23	28	42	35	23	25	30	21	25	50%		
		Disabled	3	0	1	0	0	2	0	0	0	0	0	0	10%		
	Car Park	4hrs limit 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	105	17	30	61	65	71	52	54	58	44	42	49	47%		
		Disabled	2	0	1	1	2	0	2	1	2	0	0	1	45%		
<i>Croydon St - East Side</i>	Free Customer Car Park 45 Degree	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	11	1	8	11	10	11	11	10	11	10	5	9	80%		
	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	84	5	25	56	78	75	68	71	62	41	36	52	62%		
		Disabled	2	0	1	2	2	2	2	2	1	1	0	1	65%		
	Hotel Car Park	1P 9:30am - 3pm Mon to Fri	13	0	0	0	2	2	2	2	1	1	2	1	9%		
		Disabled	1	0	0	0	0	1	0	0	0	0	0	0	10%		
<i>Croydon St - West Side</i>	Patrons Car Park	Childhood Centre	2	0	2	3	2	1	2	2	1	1	1	2	75%		
<b>Total parking available</b>			<b>1189</b>	<b>520</b>	<b>732</b>	<b>860</b>	<b>945</b>	<b>968</b>	<b>911</b>	<b>874</b>	<b>841</b>	<b>766</b>	<b>696</b>	<b>811</b>	<b>68%</b>		
<b>% occupancy</b>				<b>44%</b>	<b>62%</b>	<b>72%</b>	<b>79%</b>	<b>81%</b>	<b>77%</b>	<b>74%</b>	<b>71%</b>	<b>64%</b>	<b>59%</b>	<b>68%</b>			

<b>Total No Parking/Clearway with Time Restraints</b>														
Total Supply	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Total Parking	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189
	44%	62%	72%	79%	81%	77%	74%	71%	64%	59%	68%			
<b>LT No Parking/Clearway with Time Restraints</b>														
LT Supply	0	0	0	0	0	0	0	0	0	0	0	0	6	6
LT Parking	716	716	716	716	716	716	716	716	716	716	716	716	710	710
	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	59%	59%
<b>All minus LT No Parking / Clearway with Time Restraints</b>														
All minus LT Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All minus LT Parking	473	473	473	473	473	473	473	473	473	473	473	473	473	473
	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%
<b>ST No Parking/Clearway with Time Restraints</b>														
ST Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST Parking	398	398	398	398	398	398	398	398	398	398	398	398	398	398
	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%
<b>LT and ST Spaces with restraints</b>														
LT and ST Supply	0	0	0	0	0	0	0	0	0	0	0	0	6	6
LT and ST Demand	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1108	1108
	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%

Street	Between	Restrictions	Supply	Occupancy												Average	Average Occupancy
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00				
<b>Railway Parade</b>																	
<b>North Side</b>	Western end (56) To Croydon St Nth	Unrestricted	8	6	6	6	7	7	7	6	6	5	6	79%			
		Unrestricted	5	5	5	5	5	5	5	5	5	5	5	100%			
	Croydon St Nth To Haldon St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	2	2	3	4	4	5	5	4	4	5	76%			
		No Stopping		0	0	0	0	0	0	0	0	0	0	#DIV/0!			
		Bus Zone	3	0	0	0	0	0	1	1	0	2	0	13%			
		Loading Zone	2	0	1	0	1	1	2	1	1	1	0	40%			
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	1	1	1	1	1	1	1	1	1	1	100%			
	Haldon St To Eastern end (23)	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	1	6	7	7	7	6	6	5	6	7	83%			
<b>South Side</b>	Eastern end (23) To Haldon St	Unrestricted 90 Degree Rear To Kerb	16	16	16	16	15	16	16	16	16	16	15	16	99%		
		Disabled 90 Degree Rear To Kerb	2	0	2	2	2	2	2	2	2	2	2	90%			
		Unrestricted	2	2	2	2	2	2	2	2	2	2	2	100%			
	Haldon St To Western end (56)	No Stopping		0	0	0	0	0	0	0	0	0	0	#DIV/0!			
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	2	2	2	2	2	2	2	100%			
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0%			
		No Stopping		0	0	0	0	0	0	0	0	0	0	#DIV/0!			
		Mail Zone	1	0	0	0	0	0	1	0	0	0	0	10%			
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	3	5	5	6	6	6	5	6	6	6	90%			
		Disabled 90 Degree Rear To Kerb	2	1	1	1	2	2	2	1	2	2	1	75%			
		Unrestricted 90 Degree Rear To Kerb	2	2	2	2	2	2	2	2	2	2	2	100%			
		No Parking		0	0	0	0	0	0	0	0	0	0	#DIV/0!			
		Unrestricted 90 Degree Rear To Kerb	38	38	38	38	38	38	38	37	38	34	30	37	97%		
<b>Hampden Road</b>																	
<b>West Side</b>	Lakemba St To Northern end (10-12)	Unrestricted	13	8	11	8	11	10	9	11	9	9	11	10	75%		
<b>East Side</b>	Northern end (13) To Lakemba St	Unrestricted	15	9	12	13	14	8	8	12	9	10	12	11	71%		
<b>Croydon Street North</b>																	
<b>West Side</b>	Railway Pde To Lakemba St	Unrestricted	12	11	11	11	11	11	11	11	11	11	11	11	92%		
		Disabled	1	0	0	1	1	1	1	0	1	1	1	1	70%		
		Unrestricted	7	7	7	6	7	8	7	7	7	7	6	7	99%		
<b>East Side</b>	Lakemba St To Croydon Ln	Unrestricted	11	11	11	11	11	11	10	11	11	10	11	11	98%		
	Croydon Ln To Railway Pde	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	2	5	4	4	4	4	4	4	4	3	4	95%		
<b>Croydon Lane</b>																	
<b>North Side</b>	Croydon St Nth To Eastern end	No Stopping		0	0	1	0	1	1	0	0	0	0	0	#DIV/0!		
<b>Southern Side</b>	Eastern end To Croydon St Nth	No Stopping		0	1	1	2	2	2	1	1	1	1	1	#DIV/0!		
<b>Wangee Road</b>																	
<b>West Side</b>	Lakemba St To Northern end (12)	Bus Zone	3	0	0	0	0	1	0	0	0	0	0	0	3%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	1	2	2	2	2	2	2	2	2	95%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	3	3	3	4	2	3	3	3	3	75%			
		No Parking		0	0	0	0	0	0	0	0	0	0	0	#DIV/0!		
		Unrestricted	7	6	7	7	7	6	6	6	7	6	7	7	93%		
<b>East Side</b>	Northern end (11) To Lakemba St	Unrestricted	12	7	9	9	8	10	8	9	10	9	9	9	73%		
		Bus Zone	3	0	0	0	0	0	0	0	0	0	0	0	0%		
<b>Lakemba Street</b>																	
<b>North Side</b>	Western end (Church) To Macdonald St	Unrestricted	2	1	1	0	1	1	1	1	1	1	2	1	50%		
	Macdonald St To Hampden Rd	Unrestricted	1	1	1	1	1	1	0	0	0	0	0	1	50%		
		Bus Zone	2	0	0	1	1	1	1	1	1	1	1	1	40%		
		Unrestricted	7	6	7	7	7	6	7	7	7	6	7	7	96%		
<b>South Side</b>	Haldon St To Croydon St Nth	Unrestricted	4	3	4	3	4	4	4	4	3	4	3	4	90%		
	Croydon St Nth To Western end (216)	Taxi Zone	2	0	0	0	0	0	0	0	0	0	0	0	0%		
		Unrestricted	7	2	4	6	7	4	4	5	7	5	6	5	71%		
<b>Haldon Street</b>																	
<b>East Side</b>	Lakemba St To Railway Pde	Bus Zone	2	0	0	0	0	1	0	1	1	1	3	1	30%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	3	3	3	2	3	3	3	3	3	3	87%		
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	0	1	1	1	1	1	1	1	1	1	1	90%		
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	1	2	2	2	2	2	2	2	2	2	95%		
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	4	4	4	6	6	6	6	6	6	7	6	92%		
	The Boulevard to Gillies St	Bus Zone	4	1	1	1	2	0	0	0	0	1	0	1	15%		
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	12	10	12	12	12	12	11	12	12	12	12	12	98%		
		Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	2	0	1	1	1	2	1	1	1	2	2	1	60%		
		No Stopping		0	1	0	1	0	0	0	0	0	2	0	#DIV/0!		
		Loading Zone 15min 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	2	0	2	1	2	1	0	0	1	1	2	1	50%		
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	9	10	11	11	9	10	11	10	11	11	10	94%		
		Bus Zone	3	1	0	0	0	0	0	0	0	0	0	0	3%		
	Gillies St to Southern Rd (23)	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	29	23	25	28	26	23	22	24	23	25	24	24	84%		
<b>West Side</b>	Southern End to Oneata St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	2	4	6	6	6	6	6	7	7	6	6	80%		
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	17	5	8	15	14	13	16	14	13	15	14	13	75%		
		Bus Zone	3	0	0	0	0	1	0	0	1	0	0	0	7%		

Street	Between	Restrictions	Supply	Occupancy												Average	Average Occupancy
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00				
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	3	7	7	7	7	8	8	8	8	8	8	7	89%	
		Mail Zone	1	0	0	0	0	0	0	0	0	0	0	0	0	0%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	2	7	7	7	7	7	7	7	7	7	7	7	93%	
	Oneata St to The Boulevarde	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	16	7	16	17	15	16	15	15	16	16	16	16	15	93%	
		Bus Zone	3	0	0	0	1	0	0	0	0	0	0	0	0	3%	
	Railway Pde To Lakemba St	Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	1	1	1	1	1	1	1	1	1	0	0	1	1	80%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	9	11	10	11	11	11	11	11	11	11	11	11	97%	
		Bus Zone	3	0	0	1	1	2	1	2	3	3	4	2	2	57%	
<b>The Boulevarde</b>																	
	North Side	Western end to Haldon St	Unrestricted	16	15	16	16	16	16	14	16	16	16	14	16	97%	
			Bus Zone	3	0	0	0	0	0	0	0	0	0	1	0	3%	
			1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	3	3	5	5	3	4	3	3	2	3	90%	
			Taxi Zone	6	1	0	0	1	2	2	1	2	2	1	1	23%	
		Haldon St to Eastern End	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	1	4	3	7	5	5	5	6	6	7	2	48%	
			1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	0	0	1	3	2	3	3	3	3	2	1	15%	
	South Side	Eastern End to Quigg St	Unrestricted	7	4	3	4	6	5	6	6	5	6	3	2	115%	
		Quigg St to Haldon St	No stopping 4pm - 6pm Mon to Fri	6	2	5	6	5	5	5	2	1	0	0	5	415%	
		Haldon St to Oneata Ln	Bus Zone	3	0	2	0	5	3	1	0	0	0	0	8	715%	
			P 5min	1	1	1	2	2	1	1	1	1	1	1	9	815%	
		Oneata Ln to Croydon St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	1	1	3	3	4	3	3	3	3	3	12	1115%	
			Mail Zone	1	0	0	0	0	0	0	0	0	0	0	13	1215%	
		Croydon St to Western End (67)	Unrestricted	14	13	13	12	13	13	12	13	14	14	11	16	1515%	
<b>Oneata Street</b>																	
	North Side	Croydon St to Oneata Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	0	5	5	5	5	5	5	5	5	4	4	88%	
		Oneata Ln to Haldon St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	4	4	4	4	4	3	4	4	4	4	95%	
	South Side	Haldon St to Croydon St	Disabled	2	0	2	2	3	3	3	2	2	2	3	2	110%	
			1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	1	6	5	6	6	5	5	5	5	4	5	80%	
<b>Quigg Street</b>																	
	East Side	The Boulevarde to Gillies St	Taxi Zone	2	0	0	0	0	0	0	0	0	0	1	0	5%	
			Disabled Parking	4	1	1	3	4	4	4	4	4	3	2	3	75%	
			Unrestricted	19	13	13	15	16	18	12	12	11	13	15	14	73%	
			Unrestricted	3	2	2	2	2	3	3	3	2	2	1	2	73%	
	West Side	Gillies St to Gillies Ln	Unrestricted	6	5	5	5	6	5	5	5	5	5	4	5	83%	
			Unrestricted	7	5	6	6	6	7	6	7	7	7	6	6	90%	
			Unrestricted	9	7	8	7	8	8	8	7	8	6	5	7	80%	
		Gillies Ln to The Boulevarde	Unrestricted	6	3	5	6	6	5	6	5	5	6	6	5	88%	
<b>Davidson Lane</b>																	
	North Side	Croydon St to Davidson Ln	No Stopping	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
	South Side	Davidson Ln to Croydon St	No Stopping	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
	East Side	Northern End to Southern End	No Parking	1	2	1	1	1	1	1	1	1	1	1	1	#DIV/0!	
	West Side	Southern End to Davidson Ln	No Parking	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
		Davidson Ln to Northern End	No Parking	0	0	0	0	0	0	0	0	2	0	1	0	#DIV/0!	
<b>Croydon Street</b>																	
	East Side	The Boulevarde to Oneata St	1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	15	11	15	15	13	12	14	15	14	11	9	13	86%	
			Bus Zone	3	0	0	1	0	0	0	0	0	0	0	0	3%	
		Oneta St to Davidson Ln	Unrestricted	9	9	10	10	10	9	9	8	8	5	1	8	88%	
			Unrestricted	4	4	4	4	4	3	4	4	4	4	3	4	95%	
		Davidson Ln to Southern end (82)	Unrestricted	4	4	4	4	3	3	3	3	3	3	2	3	80%	
			Unrestricted	15	15	15	15	15	15	15	13	13	11	8	14	90%	
	West Side	Southern end (89) to Browning Ave	Unrestricted	31	29	30	31	30	27	28	26	24	21	15	26	84%	
			Bus Zone	4	0	0	0	0	0	0	0	0	0	0	0	0%	
			1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	8	1	1	7	6	4	7	5	7	6	4	5	60%	
			1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	4	1	4	4	4	1	4	4	4	2	1	3	73%	
<b>Oneata Lane</b>																	
	Eastside	The Boulevarde to Oneata St	No Parking	0	0	0	3	2	0	0	0	0	0	0	1	#DIV/0!	
			Loading Zone - 15min	3	0	0	1	1	0	0	1	1	0	0	0	13%	
			No Parking	0	1	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
			Loading Zone	4	0	0	0	1	0	0	0	0	0	0	0	3%	
			No Parking	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!	
<b>Gillies Street</b>																	
	North Side	Haldon St to Gillies Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	4	4	3	3	5	6	4	5	5	4	4	86%	
		Gillies Ln to Quigg St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	0	0	4	3	6	5	3	5	4	3	3	55%	
	South Side	Quigg St to Haldon St	Unrestricted	6	5	5	6	6	7	5	5	5	6	6	6	93%	
			Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	3	0	0	2	1	2	2	3	1	2	1	1	47%	
<b>Gillies Lane</b>																	
	West Side	Gillies St to Northern End	No Stopping	0	0	0	0	0	0	0	0	2	1	0	0	#DIV/0!	
<b>Browning Avenue</b>																	
	North Side	Western end to Croydon St	Unrestricted	4	2	4	4	4	4	4	4	4	4	3	4	93%	

Street	Between	Restrictions	Supply	Occupancy											Average	Average Occupancy
				8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00			
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	4	7	7	8	7	8	7	7	7	7	8	7	88%
		Disabled	1	0	0	1	1	1	1	1	1	1	1	1	1	80%
South Side	Croydon St to Western end	Unrestricted	12	10	12	12	12	12	11	9	8	8	7	10	84%	
<b>Off-Street Location</b>																
Railway Pde - North Side	Dr Surgery Customer Parking	Normal	1	0	1	1	1	1	1	1	1	1	1	0	1	80%
		Disabled	1	0	1	0	0	0	0	0	0	0	0	0	10%	
Haldon St - West Side	ALDI Car Park	Normal	58	3	25	26	36	29	31	17	21	23	20	23	40%	
		Disabled	3	0	1	1	1	1	1	3	3	3	2	2	53%	
The Boulevard - North Side	Commuter Car Park	Normal 90 Degree	37	23	37	37	37	37	36	34	35	34	31	34	92%	
		Commuter Car Park	89	25	43	56	75	78	79	73	65	61	58	61	69%	
		Disabled	2	0	2	2	2	1	2	2	2	2	2	2	85%	
The Boulevard - South Side	Free Customer Car Park	2Hr Free Car Park 9am - 6:30pm Mon to Fri & 9am - 1pm	48	5	24	30	47	48	47	42	44	46	45	38	79%	
		Disabled	1	0	0	1	1	1	1	1	0	0	1	1	60%	
Quigg St - West Side	Car Park	4hrs limit 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	50	12	17	14	19	27	46	44	41	35	24	28	56%	
		Disabled	3	0	1	2	2	1	2	2	2	2	1	2	50%	
		Car Park	105	12	33	67	56	69	87	84	79	72	66	63	60%	
		Disabled	2	1	1	2	1	1	2	1	2	1	0	1	60%	
Croydon St - East Side	Free Customer Car Park 45 Degree	2Hr Free Car Park 9am - 6:30pm Mon to Fri & 9am - 1pm	11	2	11	11	10	9	10	10	9	9	9	9	82%	
		Free Customer Car Park	84	4	13	29	43	59	83	75	52	55	47	46	55%	
		Disabled	2	1	1	1	2	2	2	2	1	0	0	1	60%	
		Hotel Car Park	13	1	0	0	0	8	11	5	7	6	5	4	33%	
		Disabled	1	0	0	0	0	0	0	0	0	0	0	0	0%	
Croydon St - West Side	Patrons Car Park	Childhood Centre	2	1	1	2	2	2	2	1	2	1	0	1	70%	
			<b>Total parking available</b>	<b>1189</b>	<b>505</b>	<b>735</b>	<b>836</b>	<b>922</b>	<b>938</b>	<b>992</b>	<b>938</b>	<b>909</b>	<b>879</b>	<b>803</b>	<b>846</b>	<b>71%</b>
			% occupancy		42%	62%	70%	78%	79%	83%	79%	76%	74%	68%	71%	

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Total Supply	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189
Total Parking	595	735	836	922	938	992	938	909	879	803	846	803	846	846
	44%	62%	70%	78%	79%	83%	79%	76%	74%	68%	71%	68%	71%	71%
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	6	6
LT Supply	716	716	716	716	716	716	716	716	716	716	716	716	710	710
LT Parking	368	484	538	574	579	605	576	560	527	468	527	468	527	468
	51%	68%	75%	80%	81%	84%	80%	78%	74%	66%	74%	66%	74%	66%
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All minus LT Supply	473	473	473	473	473	473	473	473	473	473	473	473	473	473
All minus LT Parking	347	231	178	142	139	111	140	156	192	249	189	148	141	142
	29%	19%	15%	12%	13%	9%	12%	13%	16%	21%	16%	12%	12%	12%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST Supply	398	398	398	398	398	398	398	398	398	398	398	398	398	398
ST Parking	132	238	298	322	336	370	347	330	333	313	333	313	313	313
	33%	60%	72%	81%	84%	93%	87%	83%	84%	78%	84%	78%	84%	79%
LT and ST Spaces with restraints	0	0	0	0	0	0	0	0	0	0	0	0	6	6
LT and ST Supply	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1108	1108
LT and ST Demand	500	722	823	896	915	975	923	890	860	781	860	781	860	781
	45%	65%	74%	80%	82%	88%	83%	80%	78%	70%	78%	70%	78%	70%

Street	Between	Restrictions	Supply	Occupancy							Average	Average Occupancy
				9:00	10:00	11:00	12:00	13:00	14:00	15:00		
<b>Railway Parade</b>												
North Side	Western end (56) To Croydon St Nth	Unrestricted	8	7	6	8	6	7	5	6	6	80%
		Unrestricted	5	5	5	4	4	5	4	5	5	91%
	Croydon St Nth To Haldon St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	4	4	5	5	4	5	4	4	89%
		No Stopping		1	1	1	1	0	0	0	1	#DIV/0!
		Bus Zone	3	0	0	0	0	2	0	0	0	10%
		Loading Zone	2	0	2	1	1	2	0	1	1	50%
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	0	0	1	1	1	1	1	1	71%
	Haldon St To Eastern end (23)	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	5	5	7	7	6	5	7	6	86%
South Side	Eastern end (23) To Haldon St	Unrestricted 90 Degree Rear To Kerb	16	16	15	16	16	16	16	16	16	99%
		Disabled 90 Degree Rear To Kerb	2	0	0	2	2	0	1	1	1	43%
		Unrestricted	2	2	2	2	1	2	2	2	2	93%
	Haldon St To Western end (56)	No Stopping		1	0	2	2	2	0	0	1	#DIV/0!
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	1	2	2	2	2	93%
		Bus Zone	3	0	0	0	0	0	1	0	0	5%
		No Stopping		0	0	0	1	0	0	0	0	#DIV/0!
		Mail Zone	1	0	0	0	0	0	0	0	0	0%
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	3	4	6	6	5	5	4	5	79%
		Disabled 90 Degree Rear To Kerb	2	0	1	1	2	2	1	2	1	64%
		Unrestricted 90 Degree Rear To Kerb	2	2	2	2	0	2	2	2	2	86%
		No Parking		0	1	0	0	1	0	1	0	#DIV/0!
		Unrestricted 90 Degree Rear To Kerb	38	38	34	38	38	38	33	35	36	95%
<b>Hampden Road</b>												
West Side	Lakemba St To Northern end (10-12)	Unrestricted	13	7	7	9	10	9	8	8	8	64%
East Side	Northern end (13) To Lakemba St	Unrestricted	15	8	7	12	12	12	6	8	9	62%
<b>Croydon Street North</b>												
West Side	Railway Pde To Lakemba St	Unrestricted	12	10	9	11	12	8	10	10	10	83%
		Disabled	1	0	0	0	0	1	1	1	0	43%
		Unrestricted	7	4	4	6	7	6	5	4	5	73%
East Side	Lakemba St To Croydon Ln	Unrestricted	11	9	9	11	9	10	10	9	10	87%
	Croydon Ln To Railway Pde	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	5	3	4	4	4	3	4	93%
<b>Croydon Lane</b>												
North Side	Croydon St Nth To Eastern end	No Stopping		0	0	0	0	0	0	0	0	#DIV/0!
Southern Side	Eastern end To Croydon St Nth	No Stopping		0	1	0	0	0	0	0	0	#DIV/0!
<b>Wangee Road</b>												
West Side	Lakemba St To Northern end (12)	Bus Zone	3	1	1	0	0	0	2	0	1	19%
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	0	2	2	2	2	1	2	2	79%
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	3	4	4	4	3	4	3	4	89%
		No Parking		0	0	0	0	0	0	0	0	#DIV/0!
		Unrestricted	7	7	6	7	7	6	5	6	6	90%
East Side	Northern end (11) To Lakemba St	Unrestricted	12	8	10	12	10	10	11	10	10	85%
		Bus Zone	3	0	0	0	0	0	1	1	0	10%
<b>Lakemba Street</b>												
North Side	Western end (Church) To Macdonald St	Unrestricted	2	2	2	2	1	2	1	1	2	79%
	Macdonald St To Hampden Rd	Unrestricted	1	1	1	0	0	0	1	1	1	57%
		Bus Zone	2	0	0	2	0	0	0	0	0	14%
		Unrestricted	7	3	4	5	4	4	5	5	4	61%
South Side	Haldon St To Croydon St Nth	Unrestricted	4	2	4	2	3	4	3	3	3	75%
	Croydon St Nth To Western end (216)	Taxi Zone	2	0	0	0	0	0	0	0	0	0%
		Unrestricted	7	3	4	3	5	4	4	3	4	53%
<b>Haldon Street</b>												
East Side	Lakemba St To Railway Pde	Bus Zone	2	0	0	0	1	1	2	1	1	36%
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	2	2	3	3	2	3	3	3	86%
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	1	1	1	1	1	1	1	1	100%
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	2	2	2	2	2	2	2	2	100%
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	6	4	5	6	6	6	6	6	93%
	The Boulevard to Gillies St	Bus Zone	4	0	0	1	1	0	3	3	1	29%
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	12	11	11	10	1	12	9	12	9	79%
		Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm	2	2	1	1	2	2	1	2	2	79%
		No Stopping		0	0	0	0	0	0	0	0	#DIV/0!
		Loading Zone 15min 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	2	1	1	2	2	1	2	2	2	79%
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	11	11	11	11	11	9	10	11	96%
		Bus Zone	3	1	1	1	0	2	1	2	1	38%
	Gillies St to Southern Rd (23)	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	29	28	26	27	28	25	25	27	27	92%

Street	Between	Restrictions	Supply	Occupancy							Average	Average Occupancy	
				9:00	10:00	11:00	12:00	13:00	14:00	15:00			
<b>West Side</b>	Southern End to Oneata St	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	4	5	7	7	7	6	5	6	84%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	17	11	14	16	17	16	13	17	15	87%	
		Bus Zone	3	0	1	0	0	0	0	0	0	5%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	6	8	8	7	8	5	7	7	88%	
		Mail Zone	1	0	1	0	0	0	0	0	0	14%	
	Oneata St to The Boulevard	1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	7	6	7	7	7	7	6	7	7	96%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	16	15	14	16	15	16	14	16	15	95%	
		Bus Zone	3	0	0	1	0	2	0	1	1	19%	
	Railway Pde To Lakemba St	Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	1	1	1	1	1	0	1	1	1	86%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	11	11	11	11	8	9	10	10	10	91%	
		Bus Zone	3	0	3	1	1	0	0	2	1	33%	
<b>The Boulevard</b>													
<b>North Side</b>	Western end to Haldon St	Unrestricted	16	6	13	9	10	9	8	9	9	57%	
		Bus Zone	3	0	0	0	0	0	0	0	0	0%	
		1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	3	3	2	2	4	2	3	3	90%	
		Taxi Zone	6	0	3	2	4	1	3	1	1	23%	
	Haldon St to Eastern End	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	1	3	2	3	7	5	9	2	48%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	0	2	1	1	0	0	2	1	15%	
	<b>South Side</b>	Eastern End to Quigg St	Unrestricted	7	2	3	3	4	3	4	3	2	115%
			No stopping 4pm - 6pm Mon to Fri	6	6	3	5	6	4	6	7	5	415%
		Quigg St to Haldon St	Bus Zone	3	0	3	3	0	1	1	2	8	715%
			P 5min	1	0	2	2	2	1	2	1	9	815%
Oneata Ln to Croydon St		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	2	3	3	3	2	3	3	12	1115%	
		Mail Zone	1	0	0	0	1	1	1	0	13	1215%	
	Croydon St to Western End (67)	Unrestricted	14	11	14	13	13	11	6	12	16	1515%	
<b>Oneata Street</b>													
<b>North Side</b>	Croydon St to Oneata Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	1	5	4	4	5	2	5	4	74%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	4	2	2	3	4	4	3	4	3	79%	
	Oneata Ln to Haldon St	Disabled	2	3	2	2	2	2	1	2	2	100%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	5	5	5	5	6	5	6	5	88%	
<b>Quigg Street</b>													
<b>East Side</b>	The Boulevard to Gillies St	Taxi Zone	2	0	0	0	0	0	0	0	0	0%	
		Disabled Parking	4	0	2	2	0	3	4	4	2	54%	
		Unrestricted	19	15	13	14	17	13	12	11	14	71%	
		Unrestricted	3	2	3	3	3	2	3	2	3	86%	
	Gillies St to Gillies Ln	Unrestricted	6	3	4	4	3	4	4	3	4	60%	
		Unrestricted	7	6	5	5	4	5	5	5	5	71%	
	Unrestricted	9	4	1	3	2	3	4	6	3	37%		
	Gillies Ln to The Boulevard	Unrestricted	6	3	4	5	5	5	3	5	4	71%	
<b>Davidson Lane</b>													
<b>North Side</b>	Croydon St to Davidson Ln	No Stopping		0	0	0	0	0	0	0	0	#DIV/0!	
		No Stopping		0	0	0	0	0	0	0	0	#DIV/0!	
<b>South Side</b>	Davidson Ln to Croydon St	No Stopping		0	0	0	0	0	0	0	0	#DIV/0!	
<b>East Side</b>	Northern End to Southern End	No Parking		0	2	1	1	1	2	0	1	#DIV/0!	
<b>West Side</b>	Southern End to Davidson Ln	No Parking		1	3	1	1	1	1	0	1	#DIV/0!	
		No Parking		0	0	0	0	0	0	0	0	#DIV/0!	
	Davidson Ln to Northern End	No Parking		0	0	0	0	0	0	0	0	#DIV/0!	
<b>Croydon Street</b>													
<b>East Side</b>	The Boulevard to Oneata St	1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	15	6	15	14	12	11	12	10	11	76%	
		Bus Zone	3	0	0	0	0	0	0	0	0	0%	
	Oneta St to Davidson Ln	Unrestricted	9	6	6	6	5	6	5	3	5	59%	
		Unrestricted	4	2	3	3	3	2	1	2	2	57%	
	Davidson Ln to Southern end (82)	Unrestricted	4	0	2	2	3	4	1	0	2	43%	
		Unrestricted	15	8	9	5	5	6	11	7	7	49%	
<b>West Side</b>	Southern end (89) to Browning Ave	Unrestricted	31	22	23	26	21	16	14	13	19	62%	
		Bus Zone	4	0	0	0	0	0	0	0	0	0%	
		1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	8	0	8	8	7	2	1	3	4	52%	
		1P 9:00am - 5pm Mon to Fri & 8:30am - 12:30pm Sat	4	4	4	4	2	2	4	3	3	82%	
<b>Oneata Lane</b>													
<b>Eastside</b>	The Boulevard to Oneata St	No Parking		0	0	0	0	0	0	0	0	#DIV/0!	
		Loading Zone - 15min	3	2	1	1	0	0	1	1	1	29%	
		No Parking		0	0	0	0	0	0	0	0	#DIV/0!	
		Loading Zone	4	0	0	0	0	0	0	0	0	0%	
		No Parking		0	0	0	0	0	0	0	0	0	#DIV/0!
<b>Gillies Street</b>													
<b>North Side</b>	Haldon St to Gillies Ln	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	5	4	4	2	5	6	4	6	4	89%	

Street	Between	Restrictions	Supply	Occupancy							Average	Average Occupancy	
				9:00	10:00	11:00	12:00	13:00	14:00	15:00			
	Gillies Ln to Quigg St	1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	6	1	4	3	6	6	3	6	4	69%	
South Side	Quigg St to Haldon St	Unrestricted	6	6	5	5	6	6	6	6	6	95%	
		Loading Zone 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	3	0	0	1	0	2	3	2	1	38%	
Gillies Lane													
West Side	Gillies St to Northern End	No Stopping		0	0	0	0	0	0	1	0	#DIV/0!	
Browning Avenue													
North Side	Western end to Croydon St	Unrestricted	4	4	4	4	3	4	4	3	4	93%	
		1P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat	8	2	7	8	8	5	3	5	5	68%	
		Disabled	1	1	1	1	0	1	0	0	1	57%	
South Side	Croydon St to Western end	Unrestricted	12	8	12	12	10	10	9	6	10	80%	
Off-Street Location													
Railway Pde - North Side	Dr Surgery Customer Parking	Normal	1	1	0	1	1	1	1	1	1	86%	
		Disabled	1	1	1	1	1	0	1	1	1	86%	
Haldon St - West Side	ALDI Car Park	Normal	58	14	20	38	41	43	34	24	31	53%	
		Disabled	3	0	1	3	3	2	0	0	1	43%	
The Boulevard - North Side	Commuter Car Park	Normal 90 Degree	37	12	20	18	24	22	15	13	18	48%	
	Commuter Car Park	Normal 90 Degree	89	17	52	35	43	48	32	74	43	48%	
		Disabled	2	0	1	0	0	1	1	2	1	36%	
The Boulevard - South Side	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	48	13	35	37	36	34	33	46	33	70%	
		Disabled	1	0	1	1	1	0	0	1	1	57%	
Quigg St - West Side	Car Park	4hrs limit 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	50	16	20	17	32	29	20	20	22	44%	
		Disabled	3	0	1	0	0	0	0	0	0	5%	
	Car Park	4hrs limit 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	105	27	52	51	56	45	36	43	44	42%	
		Disabled	2	1	1	0	2	1	1	1	1	50%	
Croydon St - East Side	Free Customer Car Park 45 Degree	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	11	5	9	10	9	10	4	3	7	65%	
	Free Customer Car Park	2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat	84	14	59	64	68	67	64	29	52	62%	
		Disabled	2	0	2	1	2	0	1	1	1	50%	
	Hotel Car Park	1P 9:30am - 3pm Mon to Fri	13	3	4	3	3	2	3	2	3	22%	
		Disabled	1	0	0	0	0	0	0	0	0	0%	
Croydon St - West Side	Patrons Car Park	Childhood Centre	2	0	2	2	2	1	0	0	1	50%	
<b>Total parking available</b>				<b>1189</b>	<b>552</b>	<b>781</b>	<b>805</b>	<b>825</b>	<b>805</b>	<b>705</b>	<b>745</b>	<b>745</b>	<b>63%</b>
% occupancy					46%	66%	68%	69%	68%	59%	63%	63%	

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
Total Supply	1189	1189	1189	1189	1189	1189	1189
Total Parking	552	781	805	825	805	705	745
	46%	66%	68%	69%	68%	59%	63%
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
LT Supply	716	716	716	716	716	716	716
LT Parking	341	438	453	462	460	388	427
	48%	61%	63%	67%	64%	54%	60%
All minus LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
All minus LT Supply	473	473	473	473	473	473	473
All minus LT Parking	211	342	352	363	344	317	317
	45%	72%	74%	73%	73%	67%	67%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
ST Supply	398	398	398	398	398	398	398
ST Parking	200	316	329	323	323	291	294
	50%	79%	83%	81%	81%	73%	74%
LT and ST Spaces with restraints	0	0	0	0	0	0	0
LT and ST Supply	1114	1114	1114	1114	1114	1114	1114
LT and ST Demand	561	754	782	805	783	679	721
	50%	68%	70%	72%	70%	61%	65%



- Legend**
- 5 min, 10 min, or 15 min P
  - 1/2 P
  - 1 P
  - 2 P
  - 3 P or 4 P
  - Disabled Parking
  - Bus Zone
  - Loading/Mail/Taxi/Truck Zone
  - Unrestricted Parking
  - Cleanway
  - XXX Property No.
  - Study Area
  - Council Owned Land

Issue	Date	By	Chkd	Appd
P4	May 2012	BL	MH	AS



Client  
**City of Canterbury**

Job Title  
**Town Centres Parking Strategy**

Drawing Title  
**Narwee Town Centre  
 Parking Supply and  
 Management Recommendations**

Scale at A3  
**1:1,500**

Drawing Status  
**Final**

Job No. JS10270 Issue P4

Narwee										Demand									
Street	On/Off Street	Side	Between		Restriction			Residential	Spaces	Tuesday 23rd November									
					Type	Hour	Day			8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Mercury St	On	W	Start of Restriction	Broad Arrow Rd	2 hr	8:30-6 8:30-12	M-F Sat	Y/N	15	2	7	12	10	11	6	5	11	10	13
Mercury St	On	W	Start of Restriction	Broad Arrow Rd	Disabled			N	1	0	0	0	0	1	1	0	1	0	0
Broad Arrow Rd	On	S	Mercury St	Chamberlain St	1 hr	8:30-6 8:30-12	M-F Sat	N	7	2	6	5	5	8	4	3	6	6	7
Chamberlain St	On	E	Broad Arrow Rd	Speed Hump	Unrestricted			N	2	2	2	2	2	2	2	2	2	2	2
Chamberlain St	On	W	Speed Hump	Broad Arrow Rd	1 hr	8:30-6 8:30-12	M-F Sat	Y	2	2	2	2	2	1	0	0	2	1	2
Broad Arrow Rd	On	N	Chamberlain St	Fisher Lane	1 hr	8:30-6 8:30-12	M-F Sat	N	1	0	0	1	0	1	1	2	1	1	0
Fisher Pl	On	W	Broad Arrow Rd	End of restriction	1 hr	8:30-6 8:30-12	M-F Sat	N	10	2	3	9	8	9	5	3	8	7	7
Fisher Pl	On	E	Broad Arrow Rd	End of restriction	1 hr	8:30-6 8:30-12	M-F Sat	N	9	0	3	8	7	5	4	2	6	6	6
Broad Arrow Rd	On	N	Chamberlain St	Fisher Lane	1 hr	8:30-6 8:30-12	M-F Sat	N	2	0	1	2	2	2	3	1	1	2	1
Penshurst Rd (S)	On	W	Broad Arrow Rd	End	1 hr	8:30-6 8:30-12	M-F Sat	N	5	3	3	3	3	3	3	3	5	4	5
Penshurst Rd (S)	On	W	Broad Arrow Rd	End	Disabled			N	1	1	1	1	1	1	1	1	1	1	1
Penshurst Rd (S)	On	E	End	Broad Arrow Rd	Unrestricted			N	4	4	4	4	3	3	4	4	4	4	4
Penshurst Rd (N)	Off	W	Hannan Rd	Glendale Ave	7-11 Convenience Store			N	9	4	5	4	2	4	2	2	5	3	3
Penshurst Rd (N)	On	W	Hannan Rd	Glendale Ave	1 hr	8:30-6 8:30-12	M-F Sat	N	15	8	7	7	5	9	4	4	11	11	12
Penshurst Rd (N)	On	W	Hannan Rd	Glendale Ave	Disabled			N	1	0	0	1	1	1	0	0	0	0	1
Penshurst Rd (N)	On	E	Hannan Rd	Glendale Ave	Unrestricted			Y	4	3	3	3	3	2	4	4	3	3	3
Penshurst Rd (N)	Off	E	Bottle Shop - Narwee Hotel	Carpark	Close at 3am			N	64	11	15	22	24	23	45	30	28	37	35
Hannans Rd	On	N	Penshurst Rd	Broad Arrow Rd	Unrestricted			N	3	0	0	0	0	0	0	0	0	0	0
Broad Arrow Rd	On	S	Bryant St	Mercury St	1 hr	8:30-6 8:30-12	M-F Sat	N	1	0	1	0	1	1	1	3	3	1	0
Mercury St	On	E	Broad Arrow Rd	End of restriction	2 hr	8:30-6 8:30-12	M-F Sat	N	5	1	4	5	4	4	3	2	4	4	5
Total									161	45	67	91	83	91	93	71	102	103	107
Occupancy									28%	42%	57%	52%	57%	58%	44%	63%	64%	66%	

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Supply	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161
Total Parking	45	67	91	83	91	93	71	102	103	107									
	28%	42%	57%	52%	57%	58%	44%	63%	64%	66%									
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT Supply	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
LT Parking	25	30	37	36	37	37	59	43	44	50	49								
	28%	34%	42%	40%	42%	42%	66%	48%	49%	56%	55%								
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All minus LT Supply	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
All minus LT Parking	20	37	54	47	54	54	34	28	58	53	58								
	28%	53%	75%	65%	75%	75%	47%	39%	81%	74%	81%								
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST Supply	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
ST Parking	20	37	54	47	54	54	34	28	58	53	58								
	28%	53%	75%	65%	75%	75%	47%	39%	81%	74%	81%								
LT and ST Spaces with restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT and ST Supply	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161
LT and ST Demand	45	67	91	83	91	93	71	102	103	107									
	28%	42%	57%	52%	57%	58%	44%	63%	64%	66%									

Narwee										Demand						
Street	On/Off Street	Side	Between		Restriction			Residential	Spaces	Saturday 27th November						
					Type	Hour	Day			9am	10am	11am	12pm	1pm	2pm	3pm
Mercury St	On	W	Start of Restriction	Broad Arrow Rd	2 hr	8:30-6:12	8:30 M-F Sat	Y/N	15	5	9	12	11	13	5	7
Mercury St	On	W	Start of Restriction	Broad Arrow Rd	Disabled			N	1	0	0	1	0	1	0	0
Broad Arrow Rd	On	S	Mercury St	Chamberlain St	1 hr	8:30-6:12	8:30 M-F Sat	N	7	7	4	4	5	6	7	6
Chamberlain St	On	E	Broad Arrow Rd	Speed Hump	Unrestricted			N	2	2	1	2	2	2	2	1
Chamberlain St	On	W	Speed Hump	Broad Arrow Rd	1 hr	8:30-6:12	8:30 M-F Sat	Y	2	2	1	2	1	2	2	2
Broad Arrow Rd	On	N	Chamberlain St	Fisher Lane	1 hr	8:30-6:12	8:30 M-F Sat	N	1	0	1	1	0	1	1	1
Fisher Pl	On	W	Broad Arrow Rd	End of restriction	1 hr	8:30-6:12	8:30 M-F Sat	N	10	8	7	9	7	8	5	7
Fisher Pl	On	E	Broad Arrow Rd	End of restriction	1 hr	8:30-6:12	8:30 M-F Sat	N	9	3	6	8	9	8	6	4
Broad Arrow Rd	On	N	Chamberlain St	Fisher Lane	1 hr	8:30-6:12	8:30 M-F Sat	N	2	1	1	1	0	1	1	1
Penshurst Rd (S)	On	W	Broad Arrow Rd	End	1 hr	8:30-6:12	8:30 M-F Sat	N	5	2	3	6	4	5	3	4
Penshurst Rd (S)	On	W	Broad Arrow Rd	End	Disabled			N	1	0	0	0	0	0	0	0
Penshurst Rd (S)	On	E	End	Broad Arrow Rd	Unrestricted			N	4	4	4	4	3	4	3	4
Penshurst Rd (N)	Off	W	Hannan Rd	Glendale Ave	7-11 Convenience Store			N	9	2	3	3	2	5	4	2
Penshurst Rd (N)	On	W	Hannan Rd	Glendale Ave	1 hr	8:30-6:12	8:30 M-F Sat	N	15	9	8	6	9	13	1	12
Penshurst Rd (N)	On	W	Hannan Rd	Glendale Ave	Disabled			N	1	0	0	1	1	1	1	0
Penshurst Rd (N)	On	E	Hannan Rd	Glendale Ave	Unrestricted			Y	4	4	4	4	4	4	2	4
Penshurst Rd (N)	Off	E	Bottle Shop - Narwee Hotel	Carpark	Close at 3am			N	64	10	12	20	23	39	54	59
Hannans Rd	On	N	Penshurst Rd	Broad Arrow Rd	Unrestricted			N	3	0	0	0	0	0	0	0
Broad Arrow Rd	On	S	Bryant St	Mercury St	1 hr	8:30-6:12	8:30 M-F Sat	N	1	0	0	0	0	1	0	0
Mercury St	On	E	Broad Arrow Rd	End of restriction	2 hr	8:30-6:12	8:30 M-F Sat	N	5	2	3	5	4	4	4	4
Total									161	61	67	89	85	118	101	118
Occupancy										38%	42%	55%	53%	73%	63%	73%

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
Total Supply	161	161	161	161	161	161	161
Total Parking	61	67	89	85	118	101	118
	38%	42%	55%	53%	73%	63%	73%
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
LT Supply	89	89	89	89	89	89	89
LT Parking	22	24	35	35	56	56	70
	25%	27%	39%	39%	62%	74%	79%
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0
All minus LT Supply	72	72	72	72	72	72	72
All minus LT Parking	39	43	54	50	62	35	48
	54%	60%	75%	69%	86%	49%	67%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
ST Supply	72	72	72	72	72	72	72
ST Parking	39	43	54	50	62	35	48
	54%	60%	75%	69%	86%	49%	67%
LT and ST Spaces with restraints	0	0	0	0	0	0	0
LT and ST Supply	161	161	161	161	161	161	161
LT and ST Demand	61	67	89	85	118	101	118
	38%	42%	55%	53%	73%	63%	73%



**Legend**

- 5 min, 10 min, or 15 min P
- 1/2 P
- 1 P
- 2 P
- 3 P or 4 P
- Disabled Parking
- Bus Zone
- Loading/Mail/Taxi/Truck Zone
- Unrestricted Parking
- Cleanway
- XXX Property No.
- Study Area
- Council Owned Land

P4	May 2012	BL	MH	AS
Issue	Date	By	Chkd	Appd

0 20 40 60 80 100 120  
Metres

www.gta.com.au

Client  
**City of Canterbury**

Job Title  
**Town Centres Parking Strategy**

Drawing Title  
**New Canterbury Road Town Centre  
Parking Supply and  
Management Recommendations**

Scale at A3  
**1:2,500**

Drawing Status  
**Final**

Job No.  
JS10270

Issue  
P4

Hurlstone Park (New Canterbury Road)

Street	On/Off Street	Side	Between		Restriction			Residential	Length	Spaces	Demand									
					Type	Hour	Day				Tuesday 23rd November									
											8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Dunroon St	On	E	Dunroon Ln	Woodside Ave	unrestricted		Y	11	7	5	5	6	3	7	6	5	5	5	6	
Garnet St.	On	E	New Canterbury Rd	Garnet Ln	unrestricted		Y	13.8	6	5	5	5	6	5	6	6	5	3	4	
Garnet St.	On	W	New Canterbury Rd	Garnet Ln	unrestricted		Y	6	6	7	9	6	5	5	4	4	2	4	8	
Garnet St.	On	W	New Canterbury Rd	Garnet Ln	1 hour	8:30-6:30-12pm	M-F	Y	17	3	3	1	1	0	1	0	1	1	2	
New Canterbury Rd	On	S	Garnet Street	Pedestrian Crossing	Clearway	3-7pm	M-F	Y	60	10	6	5	4	2	2	1	1	0	0	
New Canterbury Rd	On	N	Pedestrian Crossing	Garnet Street	Clearway	6-10am	M-F	Y	60	10	0	0	0	0	2	0	3	0	1	
New Canterbury Rd	On	N	Dunroon St	Krombit	Clearway	6-10am	M-F	N	30	5	0	0	0	0	2	3	3	3	3	
Krombit	On	E	New Canterbury Rd	Cobar St.	1 hour	8:30-6:30-12pm	M-F	N	22	3	2	2	1	1	2	1	3	2	3	
Krombit	On	E	New Canterbury Rd	Cobar St.	unrestricted		Y	20	11	7	5	3	1	4	5	4	5	6	6	
Krombit	On	W	New Canterbury Rd	Cobar St.	unrestricted		Y	25	14	11	12	9	8	7	8	7	8	9	8	
New Canterbury Rd	On	N	Krombit	Dunroon St	Clearway	6-10am	M-F	N	18	3	0	0	2	1	0	0	0	0	0	
Cargo St.	On	E	New Canterbury Rd	Cobar St.	unrestricted		N	20	11	6	9	9	9	9	9	8	7	5	9	
Cargo St.	On	W	New Canterbury Rd	Cobar St.	unrestricted		Y	20	11	6	5	5	7	7	7	7	6	9	11	
New Canterbury Rd	On	N	Cargo St	Ross St	Clearway	6-10am	M-F	N	12.5	2	0	0	0	0	1	1	1	2	2	
Ross St	On	E	New Canterbury Rd	Cobar St.	unrestricted		N	16	15	9	8	9	9	6	7	6	5	6	10	
Ross St	On	W	New Canterbury Rd	Cobar St.	unrestricted		Y	10	10	10	10	7	8	7	7	11	9	9	12	
New Canterbury Rd	On	N	Ross St	Melford	Clearway	6-10am	M-F	N	16	8	0	0	0	0	3	2	3	4	3	
New Canterbury Rd	On	S	Melford	Dunroon St	Clearway	3-7pm	M-F	N	13	19	3	5	9	7	8	4	4	0	0	
Dunroon St.	On	W	New Canterbury	Woodside	unrestricted		Y	14	7	3	3	6	6	7	5	6	6	5	6	
New Canterbury Road	On	N	Melford St.	Old Canterbury Road	Clearway	6-10am	M-F	N	5	7	0	0	4	6	6	7	5	5	6	
New Canterbury Road	On	N	Melford St.	Old Canterbury Road	Clearway	6am-10am, 4-6pm	M-F	N	30	5	0	0	4	5	5	4	3	1	0	
Old Canterbury	On	E	New Canterbury Rd	Hanks St	Clearway	3:30-6:30	M-F	N	8.5	3	0	1	1	1	0	1	0	0	0	
Old Canterbury	On	W	New Canterbury Rd	Hanks St	1 hour	8:30-6pm	M-F	N	30	5	2	1	2	2	2	2	2	2	0	
Old Canterbury	On	W	New Canterbury Rd	Hanks St	unrestricted		Y	6	1	3	1	0	2	0	2	1	1	1	1	
Old Canterbury	On	W	New Canterbury Rd	Queen St	clearway	6-10am	M-F	Y	18	18	0	0	0	0	0	0	0	0	0	
Crinan St	On	N	Old Canterbury	Melford St.	unrestricted		N	16	7	7	6	8	8	8	7	7	7	7	9	
Crinan St	On	S	Old Canterbury	Melford St.	unrestricted		N	2	0	0	1	1	1	1	2	2	2	1	2	
Crinan St	Off	S			RSL Members and Guest Only		N	96	10	12	20	22	27	23	21	22	24	29		
Old Canterbury Rd	Off	E	Wattle Rd	Crinan	RSL Club Building Carpark		N	222	20	47	81	91	87	75	66	59	46	59		
Old Canterbury Rd	Off	E	Wattle Rd	Crinan	RSL Club Outside		N	22	12	20	22	20	13	20	18	16	17	20		
Old Canterbury Rd	Off	E	Wattle Rd	Crinan	Bay Rock Oysters		N	5	1	2	1	1	1	2	2	4	1	3		
New Canterbury Road	Off	S	Old Canterbury Rd	Melford St.	7-11 customers		N	9	1	2	1	1	0	1	1	2	4	3		
Melford St.	On	W	New Canterbury Rd	the Ave	unrestricted		Y	82	13	6	8	9	9	9	8	6	6	7	9	
Melford St.	On	E	New Canterbury Rd	the Ave	unrestricted		Y	34	5	1	4	4	3	5	4	3	3	1	4	
Dunstaffenege St	On	W	Barre St	Melford St.	unrestricted		Y	50	8	4	2	1	2	1	2	3	2	2	5	
Dunstaffenege St	On	E	Barre St	Melford St.	unrestricted		Y	21	4	1	1	0	0	2	1	1	2	1	2	
Dunstaffenege St	On	E	New Canterbury Rd	Melford St.	unrestricted		Y	9.5	1	1	1	0	1	1	1	0	0	0	1	
Dunstaffenege St	On	E	New Canterbury Rd	Melford St.	1 hour	8:30-6pm	M-F	Y	8.5	1	1	0	0	0	1	0	0	0	1	
Pearce Ln		S	Dunstaffenege St	Melford St.	unrestricted		Y	37	10	4	3	5	4	5	4	5	2	2	5	
Pearce Ln		N	Dunstaffenege St	Melford St.	10 min	7:30-6pm	M-F	N	15	2	2	2	2	2	2	2	2	0	1	
Total										607	159	197	248	257	260	246	232	205	203	255
Occupancy											26%	32%	43%	45%	45%	41%	38%	34%	33%	42%

Total No Parking/Clearway with Time Restraints	58	58	0	0	0	0	0	0	29	55	55
Total Supply	549	549	607	607	607	607	607	607	578	552	583
Total Parking	358	357	248	257	260	246	232	205	203	255	
	25%	25%	41%	42%	43%	41%	38%	35%	37%	45%	
LT No Parking/Clearway with Time Restraints	50	50	0	0	0	0	0	0	29	50	50
LT Supply	526	526	576	576	576	576	576	567	547	526	526
LT Parking	318	319	235	245	247	235	220	197	192	242	
	28%	28%	41%	42%	43%	41%	38%	36%	37%	45%	
All minus LT No Parking /Clearway with Time Restraints	8	8	0	0	0	0	0	0	0	5	5
All minus LT Supply	23	23	31	31	31	31	31	31	26	26	
All minus LT Parking	11	8	13	12	13	11	11	8	11	11	
	48%	32%	42%	38%	42%	35%	38%	26%	42%	50%	
ST No Parking/Clearway with Time Restraints	8	8	0	0	0	0	0	0	0	5	5
ST Supply	23	23	31	31	31	31	31	31	26	26	
ST Parking	11	8	11	12	13	11	12	8	11	11	
	48%	32%	42%	38%	42%	35%	38%	26%	42%	50%	
LT and ST Spaces with restraints	55	55	0	0	0	0	0	0	29	55	55
LT and ST Supply	549	549	607	607	607	607	607	607	578	552	583
LT and ST Demand	358	357	248	257	260	246	232	205	203	255	
	25%	25%	41%	42%	43%	41%	38%	34%	33%	42%	

Hurlstone Park (New Canterbury Road)

Street	On/Off Street	Side	Between	Restriction			Residential	Demand							
				Type	Hour	Day		Spaces	Saturday 27th November						
									9am	10am	11am	12pm	1pm	2pm	3pm
Dunroon St	On	E	Woodside Ave	New Canterbury Rd	unrestricted		Y	7	6	6	6	6	9	9	7
Garnet St.	On	E	New Canterbury Rd	Garnet Ln	unrestricted		Y	6	2	3	4	4	5	5	4
Garnet St.	On	W	New Canterbury Rd	Garnet Ln	unrestricted		Y	6	5	6	4	4	3	3	3
Garnet St.	On	W	New Canterbury Rd	Garnet Ln	1 hour	8:30-6:30-12pm	M-F S	Y	3	2	2	1	1	1	1
New Canterbury Rd	On	S	Garnet Lane	Myra	Clearway	3-7pm	M-F	Y	10	6	4	3	3	4	2
New Canterbury Rd	On	N	Garnet Lane	Myra	Clearway	6-10am	M-F	Y	10	5	5	6	6	5	3
New Canterbury Rd	On	N	Dunroon St	Kroombit	Clearway	6-10am	M-F	N	5	4	2	1	1	2	2
Kroombit	On	E	New Canterbury Rd	Cobar St.	1 hour	8:30-6:30-12pm	M-F S	N	3	1	2	2	2	3	3
Kroombit	On	E	New Canterbury Rd	Cobar St.	unrestricted		Y	11	7	8	8	8	6	7	6
Kroombit	On	W	New Canterbury Rd	Cobar St.	unrestricted		Y	14	9	9	7	7	8	9	9
New Canterbury Rd	On	N	Kroombit	Dunroon St	1/2 hour	6-10am 10-6pm	M-F S	N	3	0	2	2	2	2	4
Clargo St.	On	E	New Canterbury Rd	Cobar St.	unrestricted		N	11	10	11	9	6	6	9	8
Clargo St.	On	W	New Canterbury Rd	Cobar St.	unrestricted		Y	11	7	9	8	8	7	10	10
New Canterbury Rd	On	N	Clargo St	Ross St	clearway	6-10am	M-F	N	2	0	2	2	1	1	2
Ross St	On	E	New Canterbury Rd	Cobar St.	unrestricted		N	15	10	13	11	10	14	14	14
Ross St	On	W	New Canterbury Rd	Cobar St.	unrestricted		Y	10	10	9	9	11	10	12	11
New Canterbury Rd	On	N	Ross St	Melford	clearway	6-10am	M-F	N	8	5	4	4	2	5	4
New Canterbury Rd	On	S	Melford	Dunroon St	Clearway	3-7pm	M-F	N	19	4	2	3	6	3	3
Dunroon St	On	W	New Canterbury	Woodside	unrestricted		Y	7	4	5	5	5	9	10	9
New Canterbury Road	On	N	Melford St.	Old Canterbury Road	clearway	6-10am	M-F	N	7	2	3	3	3	6	4
New Canterbury Road	On	N	Melford St.	Old Canterbury Road	clearway & 1/2	6am-10am & 4-6pm 10am-4pm & 8:30-12	M-F S	N	5	4	3	4	4	5	5
Old Canterbury	On	E	New Canterbury Rd	Hanks St	clearway	3:30-6:30	M-F	N	3	2	3	3	3	2	2
Old Canterbury	On	W	New Canterbury Rd	Hanks St	1 hour	8:30-6pm 12 8:30-	M-F S	N	5	1	3	2	2	2	1
Old Canterbury	On	W	New Canterbury Rd	Hanks St	unrestricted		Y	1	1	1	1	2	2	1	1
Old Canterbury	On	W	New Canterbury Rd	Queen St	clearway	6-10am 3:30-6:30pm	M-F	Y	18	1	1	2	4	3	3
Crinan St	On	N	Old Canterbury	Melford St.	unrestricted		N	7	5	5	6	7	6	5	5
Crinan St	On	S	Old Canterbury	Melford St.	unrestricted		N	2	1	2	2	3	3	3	3
Crinan St	Off	S			RSL Members and Gues Only		N	96	8	13	12	13	17	15	16
Old Canterbury Rd	Off	E	Wattle Rd	Crinan	RSL Club Building Carpark		N	222	22	34	42	60	78	67	70
Old Canterbury Rd	Off	E	Wattle Rd	Crinan	RSL Club Outside		N	22	3	6	9	12	21	18	17
Old Canterbury Rd	Off	E	Wattle Rd	Crinan	Bay Rock Oysters		N	5	0	2	1	1	5	3	3
New Canterbury Road	Off	S	Old Canterbury Rd	Melford St.	7-11 customers		N	9	3	2	2	2	4	2	2
Melford St.	On	W	New Canterbury Rd	the Ave	unrestricted		Y	13	6	4	4	2	3	2	2
Melford St.	On	E	New Canterbury Rd	the Ave	unrestricted		Y	5	2	2	2	2	4	1	2
Dunstaffnage St	On	W	Barre St	Melford St.	unrestricted		Y	8	4	3	3	4	4	4	4
Dunstaffnage St	On	E	Barre St	Melford St.	unrestricted		Y	4	3	2	2	3	4	1	2
Dunstaffnage St	On	E	New Canterbury Rd	Melford St.	unrestricted		Y	1	1	0	0	0	0	0	0
Dunstaffnage St	On	E	New Canterbury Rd	Melford St.	1 hour	8:30-6pm 8:30-12	M-F S	Y	1	0	0	0	0	1	1
Pearce Ln		S	Dunstaffnage St	Melford St.	unrestricted		Y	10	4	4	3	3	4	4	4
Pearce Ln		N	Dunstaffnage St	Melford St.	10 min	7:30-6pm	M-F	N	2	0	0	0	0	0	0
Total								607	170	197	198	223	276	253	250
Occupancy								28%	32%	33%	37%	45%	42%	41%	

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
Total Supply	607	607	607	607	607	607	607
Total Parking	170	197	198	223	276	253	250
	28%	32%	33%	37%	45%	42%	41%
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
LT Supply	576	576	576	576	576	576	576
LT Parking	159	183	185	210	259	236	234
	28%	32%	32%	36%	45%	41%	41%
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0
All minus LT Supply	31	31	31	31	31	31	31
All minus LT	11	14	13	13	17	17	16
	35%	45%	42%	42%	55%	55%	52%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
ST Supply	31	31	31	31	31	31	31
ST Parking	11	14	13	13	17	17	16
	35%	45%	42%	42%	55%	55%	52%
LT and ST Spaces with restraints	0	0	0	0	0	0	0
LT and ST Supply	607	607	607	607	607	607	607
LT and ST Demand	170	197	198	223	276	253	250
	28%	32%	33%	37%	45%	42%	41%



- Legend**
- 5 min, 10 min, or 15 min P
  - 1/2 P
  - 1 P
  - 2 P
  - 3 P or 4 P
  - Disabled Parking
  - Bus Zone
  - Loading/Mail/Taxi/Truck Zone
  - Unrestricted Parking
  - Cleanway
  - XXX Property No.
  - Study Area
  - Council Owned Land

P4	May 2012	BL	MH	AS
Issue	Date	By	Chkd	Appd



Client  
**City of Canterbury**

Job Title  
**Town Centres Parking Strategy**

Drawing Title  
**Punchbowl Town Centre  
 Parking Supply and  
 Management Recommendations**

Scale at A3  
**1:2,500**

Drawing Status  
**Final**

Job No. JS10270 Issue P4

Punchbowl

Street	On/Off Street	Side	Between		Restriction			Residential	Demand										
					Type	Hour	Day		Tuesday 23rd November										
									Spaces	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
The Boulevard	On	S	The Broadway	Matthews St	unrestricted			N	5	1	5	5	5	3	5	4	6	4	3
The Boulevard	On	S	The Broadway	Matthews St	2 hr	8:30-6 8:30-12	M-F Sat	N	7	2	5	5	4	5	6	5	6	5	6
Matthew St	On	W	The Boulevard	Van Dyke Pl	1 hr	8:30-6 8:30-12	M-F Sat	N	4	0	4	4	4	5	4	4	1	3	3
Matthew St	On	E	The Boulevard	Van Dyke Pl	1 hr	8:30-6 8:30-12	M-F Sat	N	3	2	3	3	4	3	5	4	2	3	4
The Boulevard	On	S	Matthews St	Author St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	8	9	9	8	9	12	10	9	8	8	8
Author St	On	E	The Boulevard	End of Restriction	1 hr	8:30-6 8:30-12	M-F Sat	N	9	6	5	11	11	9	8	7	8	8	7
Author St	On	W	Speed Hump	Heggie Ln	unrestricted			Y	4	5	5	5	4	4	4	4	3	5	4
Author St	Off	W	Council Carpark		2 hr	9-6:30 9-1	M-F Sat	N	39	9	4	33	38	38	37	27	22	23	27
Author St	Off	W	Council Carpark		Disabled				2	2	1	2	2	2	2	1	0	1	1
Author St	On	W	The Boulevard	Heggie Ln	1hr	8:30-6 8:30-12	M-F Sat	N	3	2	2	3	3	3	3	3	1	3	4
Rossmore Ave	Off	E	Punchbowl Rd	Turner Ln	3 hr	9-6:30 8:30-12	M-F Sat	N	34	17	21	21	28	30	25	22	23	14	18
Rossmore Ave	Off	E	Punchbowl Rd	Turner Ln	Disabled				4	1	3	1	3	2	2	0	1	3	0
Rossmore Ave	On	E	Punchbowl Rd	Turner Ln	unrestricted			N	5	5	7	5	6	6	6	5	4	3	4
Rossmore Ave	On	E	Punchbowl Rd	Turner Ln	2 hr	8:30-6 8:30-12	M-F Sat	N	8	9	7	10	8	9	8	6	7	7	8
Rossmore Ave	On	W	Punchbowl Rd	Turner Ln	unrestricted			N	8	4	8	8	8	7	8	9	8	8	8
Rossmore Ave	On	W	Punchbowl Rd	Turner Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	12	3	5	3	9	8	12	13	12	11	10
Punchbowl Rd	On	S	South Tce	Griffith Ave	1 hr	8:30-6 8:30-12	M-F Sat	N	7	4	5	6	6	6	7	6	6	5	5
Punchbowl Rd	On	S	South Tce	Griffith Ave	unrestricted			Y	10	3	1	4	3	2	4	0	2	3	1
Punchbowl Rd	On	S	Victoria Rd	Griffith Ave	unrestricted			Y	7	5	6	7	5	6	7	6	3	5	8
Punchbowl Rd	On	N	Victoria Rd	Griffith Ave	unrestricted			N	6	2	3	4	3	3	2	3	4	5	1
Griffith Ave	On	W	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	4	2	3	4	2	2	3	1	1	1	2
Griffith Ave	On	E	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	4	4	4	5	5	4	5	5	4	3	3
Punchbowl Rd	On	N	Griffith Ave	South Tce	1 hr	8:30-6 8:30-12	M-F Sat	N	8	3	4	5	6	9	4	5	4	5	6
South Tce	On	W	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	4	2	5	3	5	5	3	5	2	3	2
The Boulevard	On	N	Author St	Matthew St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	6	5	7	7	8	5	6	4	5	6	7
The Boulevard	On	N	Author St	Matthew St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	7	5	5	6	6	6	4	5	4	6	4
The Boulevard	On	N	Matthew St	Broadway	2 hr	8:30-6 8:30-12	M-F Sat	N	6	4	6	7	7	6	4	6	5	6	5
The Boulevard	On	N	Matthew St	Broadway	unrestricted			N	8	0	8	7	5	7	5	4	7	3	3
The Boulevard	Off	N	Commuter Carpark		unrestricted			N	123	123	123	123	123	123	123	123	123	121	118
Total								355	239	274	315	330	330	322	296	282	281	280	
Occupancy								67%	77%	89%	93%	93%	91%	83%	79%	79%	79%		

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Supply	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355
Total Parking	239	274	315	330	330	322	296	282	281	280									
	67%	77%	89%	93%	93%	91%	83%	79%	79%	79%									
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT Supply	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182
LT Parking	151	170	171	167	165	168	159	161	161	151									
	83%	93%	94%	92%	93%	92%	87%	88%	88%	83%									
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All minus LT Supply	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173
All minus LT Parking	88	104	144	163	165	154	137	121	120	129									
	51%	60%	83%	94%	95%	89%	79%	70%	69%	75%									
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST Supply	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173
ST Parking	88	104	144	163	165	154	137	121	120	129									
	51%	60%	83%	94%	95%	89%	79%	70%	69%	75%									
LT and ST Spaces with restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT and ST Supply	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355
LT and ST Demand	239	274	315	330	330	322	296	282	281	280									
	67%	77%	89%	93%	93%	91%	83%	79%	79%	79%									

Punchbowl

	On/Off Street	Side	Between		Restriction			Residential	Spaces	Demand									
					Type	Hour	Day			Friday 26th November									
										8am	9am	10am	11am	12pm	1pm	2pm	3PM	4PM	5PM
The Boulevard	On	S	The Broadway	Matthews St	unrestricted			N	5	1	5	5	5	5	6	5	4	5	5
The Boulevard	On	S	The Broadway	Matthews St	2 hr	8:30-6 8:30-12	M-F Sat	N	7	0	5	5	3	5	5	5	5	5	5
Matthew St	On	E	The Boulevard	Van Dyke Pl	1 hr	8:30-6 8:30-12	M-F Sat	N	4	0	3	5	5	5	7	3	5	5	5
Matthew St	On	E	Van Dyke Pl	Car Park	CLOSED			Y											
Matthew St	On	E	Car Park	Hillcrest St	unrestricted			Y	28	15	15	18	19	29	31	16	17	17	22
Matthew St	On	W	Hillcrest St	Van Dyke Pl	unrestricted			Y	29	15	16	19	20	30	40	21	16	24	27
Matthew St	On	W	Van Dyke Pl	The Boulevard	1 hr	8:30-6 8:30-12	M-F Sat	N	3	3	3	4	3	3	4	3	3	3	3
The Boulevard	On	S	Matthews St	Arthur St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	8	6	9	12	10	11	11	8	9	9	8
Authur St	On	E	The Boulevard	End of Restriction	1 hr	8:30-6 8:30-12	M-F Sat	N	9	5	7	9	9	9	9	7	9	8	9
Authur St	On	W	Speed Hump	Heggie Ln	unrestricted			Y	4	5	5	5	4	4	5	5	5	5	3
Authur St	Off	W	Council Carpark		2 hr	9-6:30 9-1	M-F Sat	N	39	3	3	38	37	39	39	33	34	34	37
Authur St	Off	W	Council Carpark		Disabled				2	1	2	1	2	2	2	1	2	2	2
Authur St	On	W	Heggie Ln	The Boulevard	1hr	8:30-6 8:30-12	M-F Sat	N	3	1	2	2	2	2	3	3	3	3	3
Rossmore Ave	Off	E	CarPark		3 hr	8:30-6 8:30-12	M-F Sat	N	34	4	23	18	24	21	34	30	32	19	22
Rossmore Ave	Off	E	CarPark	Turner Ln	Disabled				4	1	2	2	3	2	4	2	2	0	0
Rossmore Ave	On	E	Punchbowl Rd	Turner Ln	unrestricted			N	5	1	4	4	7	6	6	6	5	5	6
Rossmore Ave	On	E	Punchbowl Rd	Turner Ln	2 hr	8:30-6 8:30-12	M-F Sat	N	8	7	8	9	9	7	9	9	9	7	8
Rossmore Ave	On	W	Punchbowl Rd	Turner Ln	unrestricted			N	8	7	8	7	8	8	8	9	9	8	7
Rossmore Ave	On	W	Punchbowl Rd	Turner Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	12	2	9	5	13	10	13	13	11	12	9
Punchbowl Rd	On	S	South Tce	Griffith Ave	1 hr	8:30-6 8:30-12	M-F Sat	N	7	4	5	4	7	6	7	7	6	6	4
Punchbowl Rd	On	S	South Tce	Griffith Ave	unrestricted			Y	10	7	11	10	11	8	8	11	6	6	5
Punchbowl Rd	On	S	Victoria Rd	Griffith Ave	unrestricted			Y	7	1	0	0	0	0	0	0	1	2	2
Punchbowl Rd	On	N	Victoria Rd	Griffith Ave	unrestricted			N	6	2	2	1	2	2	1	2	2	3	3
Griffith Ave	On	W	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	4	3	4	4	4	2	4	4	3	4	3
Griffith Ave	On	E	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	4	5	3	4	4	3	3	2	3	4	3
Punchbowl Rd	On	N	Griffith Ave	South Tce	1 hr	8:30-6 8:30-12	M-F Sat	N	8	1	7	7	7	5	6	7	3	5	4
South Tce	On	W	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	4	1	2	4	2	2	4	2	4	3	3
The Boulevard			Punchbowl Rd	Arthur St	Loading Zone			N	2	0	0	1	1	0	0	1	2	2	2
The Boulevard	On	N	Author St	Matthew St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	6	4	7	7	7	7	6	6	6	5	6
The Boulevard	On	N	Author St	Matthew St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	7	0	5	6	6	7	7	7	6	6	5
The Boulevard	On	N	Matthew St	Broadway	2 hr	8:30-6 8:30-12	M-F Sat	N	6	0	5	6	6	5	7	5	6	6	6
The Boulevard	On	N	Matthew St	Broadway	unrestricted			N	8	0	5	7	8	7	8	6	6	4	5
The Boulevard	Off	N	Commuter Carpark		unrestricted			N	125	104	117	125	125	125	125	122	119	117	113
Total Supply									416	209	302	354	373	377	422	361	353	344	345
Occupancy										50%	73%	85%	90%	91%	101%	87%	85%	83%	83%

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Supply	416	416	416	416	416	416	416	416	416	416	416	416	416	416	416	416	416	416
Total Parking	209	302	354	373	377	422	361	353	344	345								
	50%	73%	85%	90%	91%	101%	87%	85%	83%	83%								
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT Supply	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241
LT Parking	160	192	204	214	228	244	206	194	198	200								
	66%	80%	85%	89%	95%	101%	85%	80%	82%	83%								
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All minus LT Supply	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175
All minus LT Parking	49	110	150	159	149	178	155	159	146	145								
	28%	64%	86%	91%	85%	102%	89%	91%	83%	83%								
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST Supply	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173
ST Parking	49	110	149	158	149	178	154	157	144	143								
	28%	64%	86%	91%	86%	102%	89%	91%	83%	83%								
LT and ST Spaces with restraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT and ST Supply	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414
LT and ST Demand	209	302	353	372	377	422	360	352	342	343								
	50%	73%	85%	90%	91%	102%	87%	85%	83%	83%								

Punchbowl						Demand										
Street	On/Off Street	Side	Between		Restriction			Residential	Saturday 27th November							
					Type	Hour	Day		Spaces	9am	10am	11am	12pm	1pm	2pm	3pm
The Boulevard	On	S	The Broadway	Mathews St	unrestricted			N	5	2	3	4	3	2	1	1
The Boulevard	On	S	The Broadway	Mathews St	2 hr	8:30-6 8:30-12	M-F Sat	N	7	3	3	6	6	7	4	4
Matthew St	On	W	The Boulevard	Van Dyke Pl	1 hr	8:30-6 8:30-12	M-F Sat	N	4	3	5	4	4	5	3	5
Matthew St	On	E	The Boulevard	Van Dyke Pl	1 hr	8:30-6 8:30-12	M-F Sat	N	3	4	4	4	4	3	3	2
The Boulevard	On	S	Mathews St	Author St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	8	10	11	9	10	11	10	9
Author St	On	E	The Boulevard	End of Restriction	1 hr	8:30-6 8:30-12	M-F Sat	N	9	10	9	10	10	12	11	12
Author St	On	W	Speed Hump	Heggie Ln	unrestricted			Y	4	4	4	4	4	4	4	3
Author St	Off	W	Council Carpark		2 hr	9-6:30 9-1	M-F Sat	N	39	31	30	28	30	30	38	32
Author St	Off	W	Council Carpark		Disabled				2	2	2	2	1	2	2	6
Author St	On	W	The Boulevard	Heggie Ln	1hr	8:30-6 8:30-12	M-F Sat	N	3	3	4	3	3	3	3	3
Rossmore Ave	Off	E	Punchbowl Rd	Turner Ln	3 hr	9-6:30 9-1	M-F Sat	N	34	11	31	29	21	20	15	15
Rossmore Ave	Off	E	Punchbowl Rd	Turner Ln	Disabled				4	0	4	4	4	4	2	1
Rossmore Ave	On	E	Punchbowl Rd	Turner Ln	unrestricted			N	5	5	6	5	6	5	6	5
Rossmore Ave	On	E	Punchbowl Rd	Turner Ln	2 hr	8:30-6 8:30-12	M-F Sat	N	8	8	8	9	8	9	7	8
Rossmore Ave	On	W	Punchbowl Rd	Turner Ln	unrestricted			N	8	10	9	9	6	8	8	8
Rossmore Ave	On	W	Punchbowl Rd	Turner Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	12	8	13	16	12	12	10	12
Punchbowl Rd	On	S	South Tce	Griffith Ave	1 hr	8:30-6 8:30-12	M-F Sat	N	7	7	5	6	6	7	7	4
Punchbowl Rd	On	S	South Tce	Griffith Ave	unrestricted			Y	10	3	6	6	4	6	5	6
Punchbowl Rd	On	S	Victoria Rd	Griffith Ave	unrestricted			Y	7	7	7	8	7	5	7	5
Punchbowl Rd	On	N	Victoria Rd	Griffith Ave	unrestricted			N	6	1	2	1	3	2	1	2
Griffith Ave	On	W	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	Y	4	3	3	3	2	2	2	3
Griffith Ave	On	E	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	Y	4	4	3	5	4	3	5	3
Punchbowl Rd	On	N	Griffith Ave	South Tce	1 hr	8:30-6 8:30-12	M-F Sat	N	8	7	5	9	3	6	4	7
South Tce	On	W	Punchbowl Rd	Loder Ln	1 hr	8:30-6 8:30-12	M-F Sat	N	4	4	4	4	5	4	4	5
The Boulevard	On	N	Author St	Matthew St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	6	7	6	5	7	5	8	7
The Boulevard	On	N	Author St	Matthew St	1/2 hr	8:30-6 8:30-12	M-F Sat	N	7	7	7	7	7	6	7	7
The Boulevard	On	N	Matthew St	Broadway	2 hr	8:30-6 8:30-12	M-F Sat	N	6	5	4	7	3	4	5	3
The Boulevard	On	N	Matthew St	Broadway	unrestricted			N	8	2	5	2	6	5	4	2
The Boulevard	Off	N	Commuter Carpark		unrestricted			N	123	66	79	74	76	86	75	58
The Boulevard	Off	N	Commuter Carpark		Disabled			N	2	2	1	2	1	1	1	1
Total									357	239	283	285	266	279	262	239
Occupancy									67%	79%	80%	75%	78%	73%	67%	

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
Total Supply	357	357	357	357	357	357	357
Total Parking	239	283	285	266	279	262	239
	67%	79%	80%	75%	78%	73%	67%
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
LT Supply	184	184	184	184	184	184	184
LT Parking	104	128	121	121	130	116	98
	57%	70%	66%	66%	71%	63%	53%
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0
All minus LT Supply	173	173	173	173	173	173	173
All minus LT Parking	135	155	164	145	149	146	141
	78%	90%	95%	84%	86%	84%	82%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
ST Supply	173	173	173	173	173	173	173
ST Parking	135	155	164	145	149	146	141
	78%	90%	95%	84%	86%	84%	82%
LT and ST Spaces with restraints	0	0	0	0	0	0	0
LT and ST Supply	357	357	357	357	357	357	357
LT and ST Demand	239	283	285	266	279	262	239
	67%	79%	80%	75%	78%	73%	67%



- Legend**
- 5 min, 10 min, or 15 min P
  - 1/2 P
  - 1 P
  - 2 P
  - 3 P or 4 P
  - Disabled Parking
  - Bus Zone
  - Loading/Mail/Taxi/Truck Zone
  - Unrestricted Parking
  - Clearway
  - XXX Property No.
  - Study Area
  - Council Owned Land

P4	May 2012	BL	MH	AS
Issue	Date	By	Chkd	Appd



Client  
**City of Canterbury**

Job Title  
**Town Centres Parking Strategy**

Drawing Title  
**Wiley Park Town Centre  
 Parking Supply and  
 Management Recommendations**

Scale at A3  
**1:1,500**

Drawing Status  
**Final**

Job No  
**JS10270**

Issue  
**P4**

Wiley Park

Street	On/Off Street	Side	Between	Restriction			Residential	Demand											
				Type	Hour	Day		Tuesday 23rd November											
								Spaces	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	
Lakemba St	On	N	Mc Court St	King George Rd	Unrestricted			Y	7	9	8	7	8	8	9	7	4	9	9
Lakemba St	Off	N	Hillard St	King George Rd	Super Saver Carpark			Y	9	0	1	0	1	3	5	3	4	3	3
Lakemba St	On	S	King George Rd	Wiley Lane	Unrestricted			Y	5	3	3	3	4	3	2	3	3	4	5
King Georges Rd	On	W	Lakemba St	The Boulevard	Clearway 1/2P	6-10 & 3-7 10-3/8:30-12:30	M-F M-F/S	N	5	0	0	0	0	1	1	1	0	0	0
King Georges Rd	On	W	Lakemba St	The Boulevard	Clearway 1/2P	6-10 & 3-7 10-3/8:30-12:30	M-F M-F/S	N	4	0	0	0	0	1	2	0	0	0	0
The Boulevard	On	N	King George Rd	First Driveway	Unrestricted			N	8	8	8	8	8	8	9	10	9	9	9
The Boulevard	On	S	King George Rd	Third Driveway	Unrestricted			N	8	7	7	7	7	8	7	7	6	5	5
The Boulevard	On	N	King George Rd	Alice Rd	Unrestricted			N	10	8	10	6	9	7	7	13	12	11	12
The Boulevard	On	S	King George Rd	Alice Rd	No Parking	3:30-6:30	M-F	N	10	2	2	1	6	4	2	2	0	0	0
King Georges Rd	On	E	Lakemba St	The Boulevard	Clearway 1/2P	6-10 & 3-7 10-3/8:30-12:30	M-F M-F/S	N	2	0	0	0	0	0	0	0	0	0	0
King Georges Rd	Off	E	Lakemba St	The Boulevard	Carpark			N	30	13	19	19	19	16	15	15	15	15	17
King Georges Rd	On	E	Lakemba St	The Boulevard	Clearway 1/2P	6-10 & 3-7 10-3/8:30-12:30	M-F M-F/S	N	5	0	0	0	1	2	2	1	0	0	0
Lakemba St	On	S	Alice St	King George Rd	No Parking	7:30-9:30 3:30-6:30	M-F	N	16	0	0	1	0	0	0	0	0	0	0
<b>Total</b>								<b>119</b>	<b>50</b>	<b>58</b>	<b>52</b>	<b>63</b>	<b>61</b>	<b>61</b>	<b>62</b>	<b>53</b>	<b>56</b>	<b>60</b>	
<b>Occupancy</b>								<b>42%</b>	<b>49%</b>	<b>44%</b>	<b>44%</b>	<b>53%</b>	<b>51%</b>	<b>51%</b>	<b>52%</b>	<b>45%</b>	<b>47%</b>	<b>50%</b>	

Total No Parking/Clearway with Time Restraints	32	32	0	0	0	0	0	16	42	42
Total Supply	87	87	119	119	119	119	119	103	77	77
Total Parking	50	58	52	63	61	61	62	53	56	60
	57%	67%	44%	53%	51%	51%	52%	51%	73%	78%
LT No Parking/Clearway with Time Restraints	16	16	0	0	0	0	0	26	26	26
LT Supply	87	87	103	103	103	103	103	103	77	77
LT Parking	50	58	52	62	57	56	60	53	56	60
	57%	67%	50%	60%	55%	54%	58%	51%	73%	78%
All minus LT No Parking /Clearway with Time Restraints	16	16	0	0	0	0	0	16	16	16
All minus LT Supply	0	0	16	16	16	16	16	0	0	0
All minus LT Parking	0	0	0	1	4	5	2	0	0	0
	###	###	0%	6%	25%	31%	13%	###	###	###
ST No Parking/Clearway with Time Restraints	16	16	0	0	0	0	0	16	16	16
ST Supply	0	0	16	16	16	16	16	0	0	0
ST Parking	0	0	0	1	4	5	2	0	0	0
	###	###	0%	6%	25%	31%	13%	###	###	###
LT and ST Spaces with restraints	32	32	0	0	0	0	0	16	42	42
LT and ST Supply	87	87	119	119	119	119	119	103	77	77
LT and ST Demand	50	58	52	63	61	61	62	53	56	60
	57%	67%	44%	53%	51%	51%	52%	51%	73%	78%

Wiley Park

							Demand									
Street	On/Off Street	Side	Between		Restriction			Residential	Saturday 27th November							
					Type	Hour	Day		Spaces	9am	10am	11am	12pm	1pm	2pm	3pm
Lakemba St	On	N	Mc Court St	King Georges Rd	Unrestricted			Y	7	10	11	10	11	10	8	9
Lakemba St	Off	N	Hillard St	King Georges Rd	Super Saver Carpark			Y	9	0	4	2	2	4	2	2
Lakemba St	On	S	King Georges Rd	Wiley Lane	Unrestricted			Y	5	4	4	5	4	3	5	4
King Georges Rd	On	W	Lakemba St	The Boulevard	Cleanway 1/2P	6-10 & 3-7 10-3 8-12:30	M-F Sat	N	5	2	1	2	3	5	2	3
King Georges Rd	On	W	Lakemba St	The Boulevard	Cleanway 1/2P	6-10 & 3-7 10-3 8-12:30	M-F Sat	N	4	4	3	3	4	2	4	2
The Boulevard	On	N	King Georges Rd	First Driveway	Unrestricted			N	8	4	6	5	5	6	5	5
The Boulevard	On	S	King Georges Rd	Third Driveway	Unrestricted			N	8	3	3	3	3	3	3	3
The Boulevard	On	N	King Georges Rd	Alice Rd	Unrestricted			N	10	8	8	9	9	9	10	12
The Boulevard	On	S	King Georges Rd	Alice Rd	No Parking	3:30-6:30	M-F	N	10	4	3	4	5	4	3	2
King Georges Rd	On	E	Lakemba St	The Boulevard	Cleanway 1/2P	6-10 & 3-7 10-3 8-12:30	M-F Sat	N	2	0	0	0	0	1	0	0
King Georges Rd	Off	E	Lakemba St	The Boulevard	Carpark			N	30	11	12	13	10	9	9	16
King Georges Rd	On	E	Lakemba St	The Boulevard	Cleanway 1/2P	6-10 & 3-7 10-3 8-12:30	M-F Sat	N	5	0	0	1	0	1	0	0
Lakemba St	On	S	Alice St	King Georges Rd	No Parking	7:30-9:30 3:30-6:30	M-F	N	16	3	4	3	5	4	5	3
Total								119	53	59	60	61	61	56	61	
Occupancy									45%	50%	50%	51%	51%	47%	51%	

Total No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
Total Supply	119	119	119	119	119	119	119
Total Parking	53	59	60	61	61	56	61
	45%	50%	50%	51%	51%	47%	51%
LT No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
LT Supply	103	103	103	103	103	103	103
LT Parking	47	55	54	54	52	50	56
	46%	53%	52%	52%	50%	49%	54%
All minus LT No Parking /Clearway with Time Restraints	0	0	0	0	0	0	0
All minus LT Supply	16	16	16	16	16	16	16
All minus LT Parking	6	4	6	7	9	6	5
	38%	25%	38%	44%	56%	38%	31%
ST No Parking/Clearway with Time Restraints	0	0	0	0	0	0	0
ST Supply	16	16	16	16	16	16	16
ST Parking	6	4	6	7	9	6	5
	38%	25%	38%	44%	56%	38%	31%
LT and ST Spaces with restraints	0	0	0	0	0	0	0
LT and ST Supply	119	119	119	119	119	119	119
LT and ST Demand	53	59	60	61	61	56	61
	45%	50%	50%	51%	51%	47%	51%

## Appendix B

### Parking Duration-of-Stay Results

Appendix B

Belmore Duration of Stay



**Burwood Road (West) Leylands Parade to Collins Street**

1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	20	4	4	2	1	0	0	1	0	1	0	0	1	0	0	1
Parked vehicles (hrs)	5	2	3	2	1.25	0	0	2	0	2.5	0	0	3.25	0	0	4
Total parked vehicle hour:	25															
Total vehicles	35															
Average duration of stay	43 mins															

<15 mins 15-30 mins 30-60 mins >60 mins  
57% 11% 17% 14%

**Burwood Road (West) Collins Street to Bridge Road**

1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	64	14	7	4	2	2	1	0	0	0	0	0	0	0	0	1
Parked vehicles (hrs)	16	7	5.25	4	2.5	3	1.75	0	0	0	0	0	0	0	0	4
Total parked vehicle hour:	43.5															
Total vehicles	95															
Average duration of stay	27 mins															

<15 mins 15-30 mins 30-60 mins >60 mins  
67% 15% 12% 6%

**Burwood Road (West) Leylands Parade to Bridge Road**

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	84	18	11	6	3	2	1	1	0	1	0	0	1	0	0	2
Parked vehicles (hrs)	21	9	8.25	6	3.75	3	1.75	2	0	2.5	0	0	3.25	0	0	8
Total parked vehicle hour:	68.5															
Total vehicles	130															
Average duration of stay	32 mins															

<15 mins 15-30 mins 30-60 mins >60 mins  
65% 14% 13% 8%

**Tobruk Avenue - Customer car park**

2Hr Free Car Park. 9am - 6:30pm Mon to Fri & 9am - 1pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	48	25	6	9	5	4	2	11	3	4	4	11	1	1	0	2
Parked vehicles (hrs)	12	12.5	4.5	9	6.25	6	3.5	2	6.75	10	11	3	3.25	3.5	0	8
Total parked vehicle hour:	101.25															
Total vehicles	116															
Average duration of stay	52 mins															

<30 mins 30-60 mins 1-2 hours >2 hours  
63% 13% 10% 14%

**Burwood Road (East) Acacia Lane to Leylands Parade**

1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	79	23	11	8	3	1	0	1	1	0	0	0	0	0	0	0
Parked vehicles (hrs)	19.75	11.5	8.25	8	3.75	1.5	0	2	2.25	0	0	0	0	0	0	0
Total parked vehicle hour:	57															
Total vehicles	127															
Average duration of stay	27 mins															

<15 mins 15-30 mins 30-60 mins >60 mins  
62% 18% 15% 5%

Campsie Duration of Stay



**Beamish (West) Evaline - Amy Street**

1/2P 8:30am - 9:30pm Mon to Sunday

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	19	10	4	2	2	1	0	1	0	1	0	0	0	0	0	5
Parked vehicles (hrs)	4.75	5	3	2	2.5	1.5	0	2	0	2.5	0	0	0	0	0	20
Total parked vehicle hour	43.25															
Total vehicles	45															
Average duration of stay	58 mins															

<15 mins 15-30 mins 30-60 mins >60 mins  
42% 22% 13% 22%

**Beamish (West) Amy St - Anglo Road**

1/2P 8:30am - 9:30pm Mon to Sun

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	31	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Parked vehicles (hrs)	7.75	2.5	2.25	0	0	0	0	0	0	0	0	0	0	0	0	0
Total parked vehicle hour	12.5															
Total vehicles	39															
Average duration of stay	19 mins															

<15 mins 15-30 mins 30-60 mins >60 mins  
79% 13% 8% 0%

**Beamish (West) Evaline Street - South Parade**

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	50	15	7	2	2	1	0	1	0	1	0	0	0	0	0	5
Parked vehicles (hrs)	12.5	7.5	5.25	2	2.5	1.5	0	2	0	2.5	0	0	0	0	0	20
Total parked vehicle hour	55.75															
Total vehicles	84															
Average duration of stay	40 mins															

<15 mins 15-30 mins 30-60 mins >60 mins  
60% 18% 11% 12%

**South Parade (North) Beamish to Harold St**

1/2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	10	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Parked vehicles (hrs)	2.5	2	1.5	1	0	0	0	0	0	0	0	0	0	0	0	0
Total parked vehicle hour	7															
Total vehicles	17															
Average duration of stay	25 mins															

<15 mins 15-30 mins 30-60 mins >60 mins  
59% 24% 18% 0%

**Harold St(East)**

>P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	9	4	5	4	5	2	1	0	0	1	0	0	0	0	0	2
Parked vehicles (hrs)	2.25	2	3.75	4	6.25	3	1.75	0	0	2.5	0	0	0	0	0	8
Total parked vehicle hour	33.5															
Total vehicles	33															
Average duration of stay	61 mins															

<30 mins 30-60 mins 1-2 hours >2 hours  
39% 27% 24% 9%

Campsie Duration of Stay



Harold St (West)

2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	7	8	3	2	0	0	0	1	0	0	1	0	0	0	0	0
Parked vehicles (hrs)	1.75	3	2.25	2	0	0	0	2	0	0	2.75	0	0	0	0	0
Total parked vehicle hour	13.75															
Total vehicles	20															
Average duration of stay	41 mins															

<30 mins	30-60 mins	1-2 hours	>2 hours
65%	25%	5%	5%

Harold St 2P

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	16	10	8	6	5	2	1	1	0	1	0	0	0	0	0	2
Parked vehicles (hrs)	4	5	6	6	6.25	3	1.75	2	0	2.5	2.75	0	0	0	0	8
Total parked vehicle hour	47.25															
Total vehicles	53															
Average duration of stay	53 mins															

<30 mins	30-60 mins	1-2 hours	>2 hours
49%	26%	17%	8%

South Parade (South) Harold St to Beamish

2P 8:30am - 6pm Mon to Fri & 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	15	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0
Parked vehicles (hrs)	3.75	1.5	0.75	3	1.25	0	0	0	0	0	0	0	0	0	0	0
Total parked vehicle hour	10.25															
Total vehicles	23															
Average duration of stay	27 mins															

<30 mins	30-60 mins	1-2 hours	>2 hours
78%	17%	4%	0%

South Parade (South) Harold Lane

Customer off-street car park - 2P

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	44	22	20	10	5	3	2	1	2	1	0	0	0	0	1	5
Parked vehicles (hrs)	11	11	15	10	6.25	4.5	3.5	2	4.5	2.5	0	0	0	0	3.75	20
Total parked vehicle hour	94															
Total vehicles	116															
Average duration of stay	49 mins															

<30 mins	30-60 mins	1-2 hours	>2 hours
57%	26%	9%	8%

Beamish(East) South to Evaline St

1/2P 8:30am - 9:30pm Mon to Sun

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	60	25	13	8	3	2	0	1	0	0	0	0	0	0	0	1
Parked vehicles (hrs)	15	12.5	9.75	8	3.75	3	0	2	0	0	0	0	0	0	0	4
Total parked vehicle hour	58															
Total vehicles	113															
Average duration of stay	31 mins															

<15 mins	15-30 mins	30-60 mins	>60 mins
53%	22%	19%	6%

Lakemba Duration of Stay



**Haldon Street (west side) from Gillies Street to Oneata Street**

1/2p 8:30am - 6pm Mon to Fri, 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	59	23	13	5	2	2	1	1	1	0	0	0	0	0	1	0
Parked vehicles (hrs)	14.75	11.5	9.75	5	2.5	3	1.75	2	2.25	0	0	0	0	0	3.75	0

Total parked vehicle hour: 56.25  
 Total vehicles: 108  
 Average duration of stay: 31 mins

<15 mins 15-30 mins 30-60 mins >60 mins  
 55% 21% 17% 7%

**Haldon Street (east side) from Oneata Street to Gillies Street**

1/2p 8:30am - 6pm Mon to Fri, 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	44	15	8	6	1	2	1	1	0	0	0	1	0	0	0	0
Parked vehicles (hrs)	11	7.5	6	6	1.25	3	1.75	2	0	0	0	3	0	0	0	0

Total parked vehicle hour: 41.5  
 Total vehicles: 79  
 Average duration of stay: 32 mins

<15 mins 15-30 mins 30-60 mins >60 mins  
 56% 19% 18% 8%

**Haldon Street BOTH SIDES from Oneata Street to Gillies Street**

1/2p 8:30am - 6pm Mon to Fri, 8:30am - 12:30pm Sat

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	103	38	21	11	3	4	2	2	1	0	0	1	0	0	1	0
Parked vehicles (hrs)	25.75	19	15.75	11	3.75	6	3.5	4	2.25	0	0	3	0	0	3.75	0

Total parked vehicle hour: 97.75  
 Total vehicles: 187  
 Average duration of stay: 31 mins

<15 mins 15-30 mins 30-60 mins >60 mins  
 55% 20% 17% 7%

**Croydon Street/Davidson Lane**

Customer off-street car park - 2P

Times seen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Duration (hrs)	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4
No. of vehicles	97	62	37	25	19	13	6	16	7	7	3	1	2	2	0	6
Parked vehicles (hrs)	24.25	31	27.75	25	23.75	19.5	10.5	32	15.75	17.5	8.25	3	6.5	7	0	24

Total parked vehicle hour: 275.75  
 Total vehicles: 303  
 Average duration of stay: 55 mins

<30 mins 30-60 mins 1-2 hours >2 hours  
 52% 20% 18% 9%

## Appendix C

### Base Car Parking Models

**Belfield Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	76	76
Office (general)	sqm	8427	8427
Retail shops (<120m2)	sqm	978	978
Retail shops (120m2 to 1000m2)	sqm	2453	2453
Retail shops (>1000m2)	sqm	1365	1365
Hotel/Club	sqm public floor area	391	391
Restaurant (<120m2)	sqm	93	93
Restaurant (120m2 to 1000m2)	sqm	1366	1366
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	3	3
Light industry	sqm	387	387
Service station	sqm retail space	240	240
Community facility	sqm	275	275
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	8	8
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	590	590
Storage	sqm	0	0
Primary School	enrolments	0	0

**Belfield Base Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Retail shops (>1000m <sup>2</sup> ) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [2]	sqm	0	0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School	per Student	0.2	0.2

[1] Based on City of Canterbury DCP rate for visitor parking

[2] Based on City of Canterbury DCP

[3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[5] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child

[6] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[9] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[11] Assumed generic rate, to be updated once land use types are confirmed

[12] GTA Empirical Data

## Belfield Base Temporal Profiles

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	2%	2%	2%	2%	2%	2%
Retail shops (<120m <sup>2</sup> ) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (>1000m <sup>2</sup> ) [2]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [3,6]	%	0%	0%	25%	50%	55%	40%	14%
Restaurant (<120m <sup>2</sup> ) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m <sup>2</sup> ) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [5,6]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [1]	%	63%	50%	38%	38%	38%	50%	63%
Educational establishment [6]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [6]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%

[1] Based on GTA Consultants database profile for Dwellings

[2] Based on GTA Consultants' database profile for a shop or shopping centre

[3] Based on GTA Consultants database for a pub / hotel / tavern

[4] Based on GTA Consultants database profile for restaurant

[5] Based on GTA Consultants database rate for convenience restaurant

[6] Based on GTA Consultants' estimation

[7] Based on GTA Consultants database rate for medical centre

[7] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010

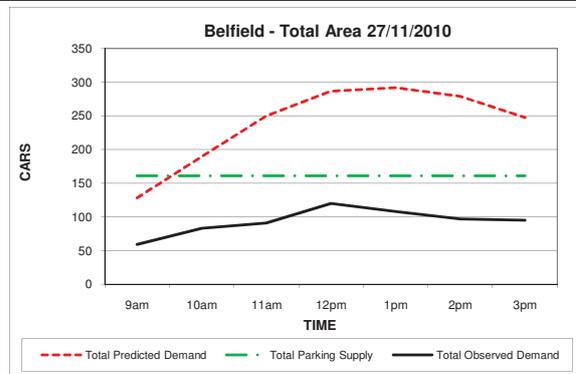
[9] Based on GTA Consultants database for Minor Sports & Recreation Facility

**Belfield Base Model**

Use	Unit	Belfield - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	10	8	6	6	6	8	10
Office (general)	vehicles	0	4	4	4	4	4	4
Retail shops (<120m2)	vehicles	12	19	24	24	24	24	24
Retail shops (120m2 to 1000m2)	vehicles	40	63	79	81	81	80	79
Retail shops (>1000m2)	vehicles	30	48	60	61	61	61	60
Hotel/Club	vehicles	0	0	24	49	54	39	13
Restaurant (<120m2)	vehicles	0	0	0	1	1	1	1
Restaurant (120m2 to 1000m2)	vehicles	0	2	5	16	23	21	10
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	5	4	4	1	2	3	3
Light industry	vehicles	1	2	2	2	2	1	1
Service station	vehicles	4	10	12	12	12	12	11
Community facility	vehicles	22	26	28	27	19	20	26
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	5	4	3	3	3	4	5
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		138	189	250	287	292	279	248
Long Term (Professional)	90%	1	5	6	6	6	5	4
Short Term (Professional)	10%	0	1	1	1	1	1	0
Long Term (Retail)	20%	17	28	41	49	51	48	40
Short Term (Retail)	80%	69	114	163	195	205	191	159
Long Term (Residential)	100%	5	4	3	3	3	4	5
Short Term (Residential)	100%	10	8	6	6	6	8	10
Long Term (Other)	50%	13	15	16	14	10	12	15
Short Term (Other)	50%	13	15	16	14	10	12	15
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	161	161	161	161	161	161	161
	85% of Total	137	137	137	137	137	137	137
	Total Long Term	90	90	90	90	90	90	90
	Total Short Term	71	71	71	71	71	71	71
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	71	71	71	71	71	71	71
Total Observed Demand	Total	59	83	91	120	108	97	95
	Total Long Term	27	41	47	56	45	50	48
	Total Short Term	32	42	44	64	63	47	47
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	32	42	44	64	63	47	47
Total Predicted Demand	Total	128	189	250	287	292	279	248
	Long Term	37	53	65	72	70	68	64
	Short Term	92	137	185	215	221	211	184



**Belmore Land Use**

Use	Unit	Size		
		Total Area	Precinct	
			1	2
Residential dwelling (visitor)	Dwellings	226	118	108
Office (general)	sqm	8558	278	8280
Retail shops (<120m2)	sqm	3677	1264	2413
Retail shops (120m2 to 1000m2)	sqm	9058	2929	6129
Retail shops (>1000m2)	sqm	0	0	0
Hotel/Club	sqm public floor area	2208	0	2208
Restaurant (<120m2)	sqm	903	450	452
Restaurant (120m2 to 1000m2)	sqm	2194	997	1197
Restaurant (>1000m2)	sqm	0	0	0
Restaurant - drive-through take-away	seats	0	0	0
Child care centre	children	47	47	0
Medical centre	room	10	1	10
Light industry	sqm	5644	0	5644
Service station	sqm retail space	0	0	0
Community facility	sqm	1090	1090	0
Place of worship	sqm	1131	532	599
Entertainment facility	sqm	1501	700	801
Motel	room	0	0	0
Educational establishment	sqm	700	0	700
Recreational facility (gym)	sqm	1594	1240	354
Recreational facility (Bowling Green)	bowling greens	0	0	0
Vacant	sqm	1382	431	951
Storage	sqm	0	0	0
Primary School	enrolments	0	0	0

**Belmore Car Parking Rates**

Use	Unit (spaces per)	Size		
		Off-Site Parking Rate	Precinct	
			1	2
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2	0.2
Office (general) [2]	sqm	0.025	0.025	0.025
Retail shops (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025	0.025
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033	0.033
Retail shops (>1000m <sup>2</sup> ) [2]	sqm	0.045	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25	0.25
Restaurant (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [2]	sqm	0	0	0
Restaurant - drive-through take-away [4]	seats	0.333	0.333	0.333
Child care centre [5]	children	0.2	0.2	0.2
Medical centre [6]	room	2	2	2
Light industry [2]	sqm	0.01	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05	0.05
Community facility [7]	sqm	0.1	0.1	0.1
Place of worship [8]	sqm	0.066	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1	0.1
Motel [9]	room	1	1	1
Educational establishment [10]	sqm	0.02	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5	26.5
Vacant	sqm	0	0	0
Storage		0	0	0
Primary School [12]	per Student	0.2	0.2	0.2

[1] Based on City of Canterbury DCP rate for visitor parking

[2] Based on City of Canterbury DCP

[3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[5] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child

[6] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[9] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[11] Assumed generic rate, to be updated once land use types are confirmed

[12] GTA Empirical Data

**Belmore Base Temporal Profiles**

Use	Unit	Temporal Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	2%	2%	2%	2%	2%	2%
Retail shops (<120m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (120m2 to 1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (>1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [3,6]	%	0%	0%	25%	50%	55%	40%	14%
Restaurant (<120m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [5,6]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [1]	%	63%	50%	38%	38%	38%	50%	63%
Educational establishment [6]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [6]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%

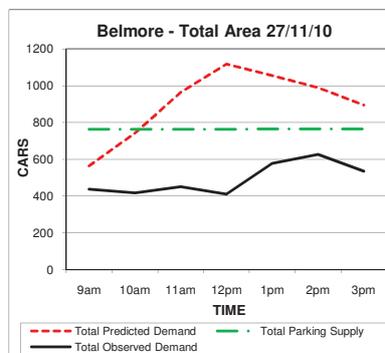
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Based on GTA Consultants' database profile for a shop or shopping centre
- [3] Based on GTA Consultants database for a pub / hotel / tavern
- [4] Based on GTA Consultants database profile for restaurant
- [5] Based on GTA Consultants database rate for convenience restaurant
- [6] Based on GTA Consultants' estimation
- [7] Based on GTA Consultants database rate for medical centre
- [7] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility

Base Car Parking Model



**Belmore Base Model**

Use	Unit	Belmore - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	29	23	17	17	17	23	29
Office (general)	vehicles	0	4	4	4	4	4	4
Retail shops (<120m2)	vehicles	45	72	89	92	92	91	90
Retail shops (120m2 to 1000m2)	vehicles	146	233	291	299	299	296	293
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	138	276	304	221	75
Restaurant (<120m2)	vehicles	0	1	2	8	11	11	5
Restaurant (120m2 to 1000m2)	vehicles	0	4	7	25	36	34	17
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	17	14	14	3	6	11	11
Light industry	vehicles	14	23	28	34	33	17	11
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	85	103	109	106	74	81	104
Place of worship	vehicles	58	70	75	72	51	55	71
Entertainment facility	vehicles	117	141	150	146	102	111	144
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	4	14	7	7	4	14	7
Recreational facility (gym)	vehicles	49	41	31	27	22	22	33
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0
<b>Sub Totals</b>		<b>565</b>	<b>742</b>	<b>964</b>	<b>1117</b>	<b>1054</b>	<b>990</b>	<b>895</b>
Long Term (Professional)	90%	13	24	29	34	33	19	14
Short Term (Professional)	10%	1	3	3	4	4	2	2
Long Term (Retail)	20%	48	70	112	146	153	135	103
Short Term (Retail)	80%	192	280	447	582	611	539	411
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	29	23	17	17	17	23	29
Long Term (Other)	50%	139	164	174	163	117	129	165
Short Term (Other)	50%	139	164	174	163	117	129	165
Long Term (School)	25%	1	4	2	2	1	4	2
Short Term (School)	75%	3	11	5	5	3	11	5
<b>Total Parking Supply</b>	<b>Total</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>765</b>	<b>765</b>	<b>765</b>
	85% of Total	649	649	649	649	650	650	650
	Total Long Term	526	526	526	526	528	528	528
	Total Short Term	198	198	198	198	198	198	198
	All Other Spaces	39	39	39	39	39	39	39
	Total Minus Long Term	237	237	237	237	237	237	237
<b>Total Observed Demand</b>	<b>Total</b>	<b>438</b>	<b>417</b>	<b>452</b>	<b>411</b>	<b>578</b>	<b>626</b>	<b>536</b>
	Total Long Term	270	261	282	253	388	423	360
	Total Short Term	145	136	152	144	159	180	158
	All Other Spaces	23	20	18	14	31	23	18
	Total Minus Long Term	168	156	170	158	190	203	176
<b>Total Predicted Demand</b>	<b>Total</b>	<b>565</b>	<b>742</b>	<b>964</b>	<b>1117</b>	<b>1054</b>	<b>990</b>	<b>895</b>
	Long Term	201	262	317	345	303	286	284
	Short Term	364	480	647	772	751	703	612

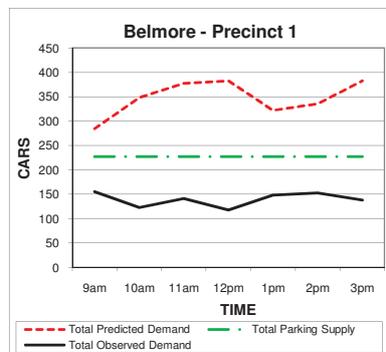


Base Car Parking Model



**Belmore Base Model**

Use	Unit	Belmore - Precinct 1						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	15	12	9	9	9	12	15
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	15	25	31	32	32	31	31
Retail shops (120m2 to 1000m2)	vehicles	47	75	94	97	97	96	95
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	0	0	0
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	2	3	12	16	15	8
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	1	1	1	0	0	1	1
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	85	103	109	106	74	81	104
Place of worship	vehicles	27	33	35	34	24	26	34
Entertainment facility	vehicles	55	66	70	68	48	52	67
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	38	32	24	21	17	17	26
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0
<b>Sub Totals</b>		<b>284</b>	<b>348</b>	<b>377</b>	<b>382</b>	<b>322</b>	<b>335</b>	<b>382</b>
Long Term (Professional)	90%	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	20	27	31	33	33	33	32
Short Term (Retail)	80%	81	107	123	132	134	132	130
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	15	12	9	9	9	12	15
Long Term (Other)	50%	84	101	107	104	73	79	103
Short Term (Other)	50%	84	101	107	104	73	79	103
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0
<b>Total Parking Supply</b>	<b>Total</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>
	85% of Total	193	193	193	193	193	193	193
	Total Long Term	150	150	150	150	150	150	150
	Total Short Term	70	70	70	70	70	70	70
	All Other Spaces	21	22	23	24	25	26	27
	Total Minus Long Term	77	77	77	77	77	77	77
<b>Total Observed Demand</b>	<b>Total</b>	<b>155</b>	<b>123</b>	<b>141</b>	<b>118</b>	<b>148</b>	<b>153</b>	<b>138</b>
	Total Long Term	92	72	82	68	85	87	84
	Total Short Term	57	45	52	45	55	60	48
	All Other Spaces	6	6	7	5	8	6	6
	Total Minus Long Term	63	51	59	50	63	66	54
<b>Total Predicted Demand</b>	<b>Total</b>	<b>284</b>	<b>348</b>	<b>377</b>	<b>382</b>	<b>322</b>	<b>335</b>	<b>382</b>
	Long Term	104	128	138	137	107	112	135
	Short Term	180	220	239	245	216	223	247

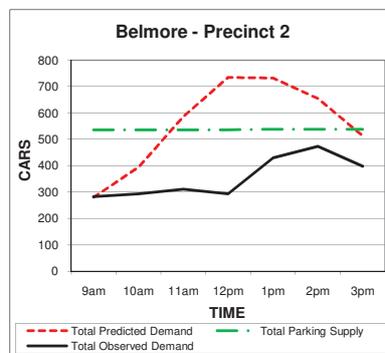


Base Car Parking Model



**Belmore Base Model**

Use	Unit	Belmore - Precinct 2						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	14	11	8	8	8	11	14
Office (general)	vehicles	0	4	4	4	4	4	4
Retail shops (<120m2)	vehicles	30	47	59	60	60	60	59
Retail shops (120m2 to 1000m2)	vehicles	99	158	197	202	202	200	198
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	138	276	304	221	75
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	2	4	14	20	19	9
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	16	14	14	3	6	11	11
Light industry	vehicles	14	23	28	34	33	17	11
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	31	37	40	38	27	29	38
Entertainment facility	vehicles	63	75	80	78	55	59	77
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	4	14	7	7	4	14	7
Recreational facility (gym)	vehicles	11	9	7	6	5	5	7
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0
<b>Sub Totals</b>		<b>281</b>	<b>394</b>	<b>586</b>	<b>735</b>	<b>732</b>	<b>655</b>	<b>533</b>
Long Term (Professional)	90%	13	24	29	34	33	19	14
Short Term (Professional)	10%	1	3	3	4	4	2	2
Long Term (Retail)	20%	28	43	81	112	119	102	70
Short Term (Retail)	80%	112	173	324	450	477	408	281
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	14	11	8	8	8	11	14
Long Term (Other)	50%	55	63	67	59	44	50	63
Short Term (Other)	50%	55	63	67	59	44	50	63
Long Term (School)	25%	1	4	2	2	1	4	2
Short Term (School)	75%	3	11	5	5	3	11	5
<b>Total Parking Supply</b>	<b>Total</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>538</b>	<b>538</b>	<b>538</b>
	<b>85% of Total</b>	<b>455</b>	<b>456</b>	<b>456</b>	<b>456</b>	<b>457</b>	<b>457</b>	<b>457</b>
	<b>Total Long Term</b>	<b>376</b>	<b>376</b>	<b>376</b>	<b>376</b>	<b>378</b>	<b>378</b>	<b>378</b>
	<b>Total Short Term</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>
	<b>All Other Spaces</b>	<b>489</b>	<b>490</b>	<b>491</b>	<b>492</b>	<b>493</b>	<b>494</b>	<b>495</b>
	<b>Total Minus Long Term</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>
<b>Total Observed Demand</b>	<b>Total</b>	<b>283</b>	<b>294</b>	<b>311</b>	<b>293</b>	<b>430</b>	<b>473</b>	<b>398</b>
	<b>Total Long Term</b>	<b>178</b>	<b>189</b>	<b>200</b>	<b>185</b>	<b>303</b>	<b>336</b>	<b>276</b>
	<b>Total Short Term</b>	<b>88</b>	<b>91</b>	<b>100</b>	<b>99</b>	<b>104</b>	<b>120</b>	<b>110</b>
	<b>All Other Spaces</b>	<b>17</b>	<b>14</b>	<b>11</b>	<b>9</b>	<b>23</b>	<b>17</b>	<b>12</b>
	<b>Total Minus Long Term</b>	<b>105</b>	<b>105</b>	<b>111</b>	<b>108</b>	<b>127</b>	<b>137</b>	<b>122</b>
<b>Total Predicted Demand</b>	<b>Total</b>	<b>281</b>	<b>394</b>	<b>586</b>	<b>735</b>	<b>732</b>	<b>655</b>	<b>533</b>
	<b>Long Term</b>	<b>95</b>	<b>134</b>	<b>179</b>	<b>208</b>	<b>197</b>	<b>174</b>	<b>149</b>
	<b>Short Term</b>	<b>184</b>	<b>260</b>	<b>408</b>	<b>527</b>	<b>535</b>	<b>481</b>	<b>384</b>



Campsie Land Use

Use	Unit	Size		
		Total	Precinct	
			1	2
Residential dwelling (visitor)	Dwellings	806	507	299
Office (general)	sqm	26115	9367	16748
Retail shops (<120m2)	sqm	7603	2490	5113
Retail shops (120m2 to 1000m2)	sqm	21203	8036	13167
Retail shops (>1000m2)	sqm	16267	0	16267
Hotel/Club	sqm public floor area	1526	427	1100
Restaurant (<120m2)	sqm	1672	261	1411
Restaurant (120m2 to 1000m2)	sqm	3864	1781	2083
Restaurant (>1000m2)	sqm	0	0	0
Restaurant - drive-through take-away	seats	0	0	0
Child care centre	children	16	16	0
Medical centre	room	100	29	71
Light industry	sqm	513	513	0
Service station	sqm retail space	0	0	0
Community facility	sqm	2632	0	2632
Place of worship	sqm	2855	0	2855
Entertainment facility	sqm	1445	1236	209
Motel	room	13	13	0
Educational establishment	sqm	1722	733	989
Recreational facility (gym)	sqm	467	467	0
Recreational facility (Bowling Green)	bowling greens	0	0	0
Vacant	sqm	6122	2593	3529
Storage	sqm	4125	734	3391
Primary School	enrolments	0	0	0

**Campsie Car Parking Rates**

Use	Unit (spaces per)	Size		
		Off-Site Parking Rate	Precinct	
			1	2
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2	0.2
Office (general) [2]	sqm	0.025	0.025	0.025
Retail shops (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025	0.025
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033	0.033
Retail shops (>1000m <sup>2</sup> ) [2]	sqm	0.045	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25	0.25
Restaurant (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [2]	sqm	0	0	0
Restaurant - drive-through take-away [4]	seats	0.333	0.333	0.333
Child care centre [5]	children	0.2	0.2	0.2
Medical centre [6]	room	2	2	2
Light industry [2]	sqm	0.01	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05	0.05
Community facility [7]	sqm	0.1	0.1	0.1
Place of worship [8]	sqm	0.066	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1	0.1
Motel [9]	room	1	1	1
Educational establishment [10]	sqm	0.02	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5	26.5
Vacant	sqm	0	0	0
Storage		0	0	0
Primary School [12]	per Student	0	0	0

- [1] Based on City of Canterbury DCP rate for visitor parking
- [2] Based on City of Canterbury DCP
- [3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area
- [4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [5] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child
- [6] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room
- [7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>
- [9] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room
- [10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff
- [11] Assumed generic rate, to be updated once land use types are confirmed
- [12] GTA Empirical Data

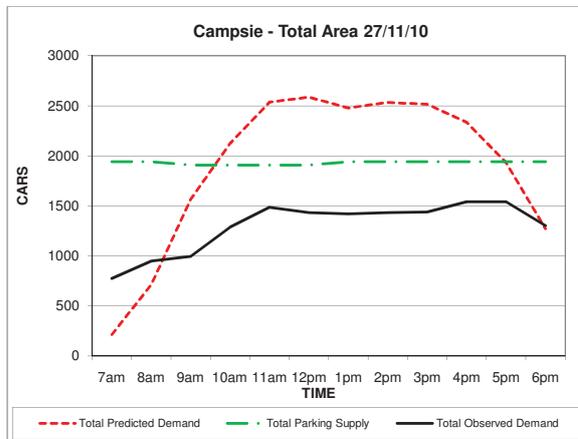
Campsie Base Temporal Profiles

Use	Unit	Temporal Profile											
		Total Area											
		7:00am	8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm
Residential dwelling (visitor) [1]	%	63%	50%	63%	50%	38%	38%	38%	50%	63%	63%	54%	58%
Office (general) [7]	%	0%	0%	0%	2%	2%	2%	2%	2%	2%	2%	1%	0%
Retail shops (<120m2) [2]	%	5%	17%	49%	78%	97%	100%	100%	99%	98%	91%	71%	33%
Retail shops (120m2 to 1000m2) [2]	%	5%	17%	49%	78%	97%	100%	100%	99%	98%	91%	71%	33%
Retail shops (>1000m2) [2]	%	0%	0%	0%	0%	25%	50%	55%	40%	14%	47%	77%	74%
Hotel/Club [3,6]	%	0%	0%	0%	5%	10%	35%	50%	47%	23%	0%	15%	36%
Restaurant (<120m2) [4,6]	%	0%	0%	0%	5%	10%	35%	50%	47%	23%	0%	15%	36%
Restaurant (120m2 to 1000m2) [4,6]	%	0%	0%	0%	5%	10%	35%	50%	47%	23%	0%	15%	36%
Restaurant (>1000m2) [4,6]	%	0%	0%	0%	5%	10%	35%	50%	47%	23%	0%	15%	36%
Restaurant - drive-through take-away [5,6]	%	10%	20%	29%	29%	35%	40%	64%	46%	49%	44%	36%	46%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	0%	0%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%	57.0%	0.0%	0.0%
Light industry [6]	%	0%	0%	25%	40%	50%	60%	58%	30%	20%	0%	0%	0%
Service station [2]	%	5%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%	63%
Community facility [9]	%	0%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%	60%
Place of worship [9]	%	10%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%	22%
Entertainment facility [9]	%	0%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%	60%
Motel [1]	%	63%	50%	63%	50%	38%	38%	38%	50%	63%	63%	54%	58%
Educational establishment [6]	%	0%	0%	25%	100%	50%	50%	25%	100%	50%	50%	2%	0%
Recreational facility (gym) [9]	%	14%	15%	41%	34%	26%	23%	18%	18%	28%	34%	41%	26%
Recreational facility (bowling green) [6]	%	0%	0%	25%	50%	65%	85%	100%	99%	95%	90%	80%	80%
Vacant	%												
Storage	%												
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

- [1] Based on GTA Consultants database profile for Dwellings
- [2] Based on GTA Consultants' database profile for a shop or shopping centre
- [3] Based on GTA Consultants database for a pub / hotel / tavern
- [4] Based on GTA Consultants database profile for restaurant
- [5] Based on GTA Consultants database rate for convenience restaurant
- [6] Based on GTA Consultants' estimation
- [7] Based on GTA Consultants database rate for medical centre
- [7] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility

Campsie Base Model

Use	Unit	Campsie - Total Study Area											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	102	81	102	81	61	61	61	81	102	102	87	93
Office (general)	vehicles	0	0	0	13	13	13	13	13	13	13	7	0
Retail shops (<120m2)	vehicles	10	32	93	148	185	190	190	188	186	173	135	63
Retail shops (120m2 to 1000m2)	vehicles	35	119	343	546	681	700	700	693	686	637	497	231
Retail shops (>1000m2)	vehicles	37	124	359	571	712	732	732	725	717	666	520	242
Hotel/Club	vehicles	0	0	0	0	95	191	210	153	52	178	294	281
Restaurant (<120m2)	vehicles	0	0	0	2	4	15	21	20	10	0	6	15
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	6	13	45	64	60	29	0	19	46
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	0	171	141	141	28	58	114	114	114	0	0
Light industry	vehicles	0	0	1	2	3	3	3	2	1	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	153	206	248	263	256	179	195	252	183	153	158
Place of worship	vehicles	19	109	147	178	188	183	128	139	180	131	109	41
Entertainment facility	vehicles	0	84	113	136	145	140	98	107	138	101	84	87
Motel	vehicles	8	7	8	7	5	5	5	7	8	8	7	8
Educational establishment	vehicles	0	0	9	34	17	17	9	34	17	17	1	0
Recreational facility (gym)	vehicles	5	5	14	12	9	8	6	6	10	12	14	9
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Storage		0	0	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Totals</b>		<b>215</b>	<b>714</b>	<b>1566</b>	<b>2126</b>	<b>2536</b>	<b>2586</b>	<b>2477</b>	<b>2534</b>	<b>2535</b>	<b>2334</b>	<b>1931</b>	<b>1273</b>
Long Term (Professional)	90%	0	0	1	14	14	15	14	13	13	12	6	0
Short Term (Professional)	10%	0	0	0	2	2	2	2	1	1	1	1	0
Long Term (Retail)	20%	17	56	162	257	340	376	385	369	338	333	297	177
Short Term (Retail)	80%	69	225	647	1028	1360	1504	1538	1475	1352	1333	1188	709
Long Term (Residential)	100%	8	7	8	7	5	5	5	7	8	8	7	8
Short Term (Residential)	100%	102	81	102	81	61	61	61	81	102	102	87	93
Long Term (Other)	50%	10	173	319	351	369	303	232	277	342	264	173	143
Short Term (Other)	50%	10	173	319	351	369	303	232	277	342	264	173	143
Long Term (School)	25%	0	0	2	9	4	4	2	9	4	4	0	0
Short Term (School)	75%	0	0	6	26	13	13	6	26	13	13	1	0
<b>Total Parking Supply</b>	<b>Total</b>	<b>1940</b>	<b>1940</b>	<b>1908</b>	<b>1908</b>	<b>1908</b>	<b>1940</b>						
	<b>85% of Total</b>	<b>1649</b>	<b>1649</b>	<b>1622</b>	<b>1622</b>	<b>1622</b>	<b>1649</b>						
	<b>Total Long Term</b>	<b>1285</b>	<b>1285</b>	<b>1253</b>	<b>1253</b>	<b>1253</b>	<b>1285</b>						
	<b>Total Short Term</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>	<b>566</b>
	<b>All Other Spaces</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>
	<b>Total Minus Long Term</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>655</b>
<b>Total Observed Demand</b>	<b>Total</b>	<b>774</b>	<b>950</b>	<b>995</b>	<b>1287</b>	<b>1486</b>	<b>1432</b>	<b>1439</b>	<b>1431</b>	<b>1438</b>	<b>1541</b>	<b>1540</b>	<b>1301</b>
	<b>Total Long Term</b>	<b>508</b>	<b>587</b>	<b>629</b>	<b>829</b>	<b>962</b>	<b>924</b>	<b>924</b>	<b>939</b>	<b>935</b>	<b>1000</b>	<b>1003</b>	<b>871</b>
	<b>Total Short Term</b>	<b>247</b>	<b>323</b>	<b>317</b>	<b>398</b>	<b>449</b>	<b>437</b>	<b>429</b>	<b>435</b>	<b>437</b>	<b>485</b>	<b>469</b>	<b>361</b>
	<b>All Other Spaces</b>	<b>39</b>	<b>40</b>	<b>49</b>	<b>60</b>	<b>75</b>	<b>71</b>	<b>66</b>	<b>77</b>	<b>66</b>	<b>56</b>	<b>68</b>	<b>69</b>
	<b>Total Minus Long Term</b>	<b>266</b>	<b>363</b>	<b>366</b>	<b>458</b>	<b>524</b>	<b>508</b>	<b>495</b>	<b>492</b>	<b>503</b>	<b>541</b>	<b>537</b>	<b>430</b>
<b>Total Predicted Demand</b>	<b>Total</b>	<b>215</b>	<b>714</b>	<b>1566</b>	<b>2126</b>	<b>2536</b>	<b>2586</b>	<b>2477</b>	<b>2534</b>	<b>2535</b>	<b>2334</b>	<b>1931</b>	<b>1273</b>
	<b>Long Term</b>	<b>35</b>	<b>235</b>	<b>492</b>	<b>637</b>	<b>732</b>	<b>703</b>	<b>638</b>	<b>674</b>	<b>705</b>	<b>623</b>	<b>483</b>	<b>328</b>
	<b>Short Term</b>	<b>180</b>	<b>478</b>	<b>1074</b>	<b>1488</b>	<b>1804</b>	<b>1883</b>	<b>1839</b>	<b>1860</b>	<b>1810</b>	<b>1712</b>	<b>1448</b>	<b>945</b>

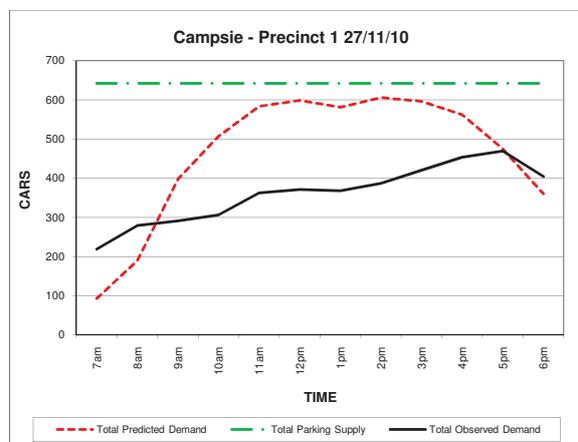


# Base Car Parking Model



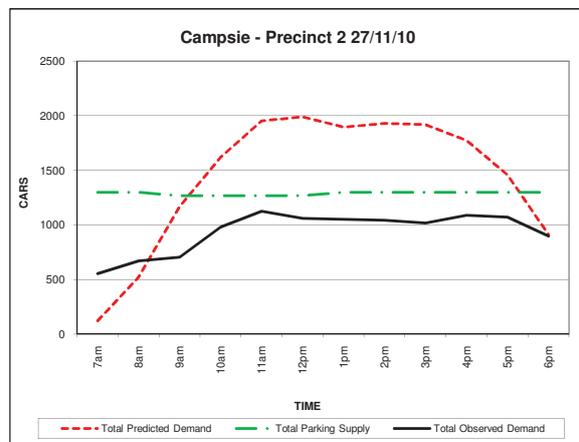
## Campsie Base Model

Use	Unit	Campsie - Precinct 1											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	64	51	64	51	39	39	39	51	64	64	55	59
Office (general)	vehicles	0	0	0	5	5	5	5	5	5	5	2	0
Retail shops (<120m2)	vehicles	3	11	31	49	61	62	62	61	57	44	21	
Retail shops (120m2 to 1000m2)	vehicles	13	45	130	207	258	265	265	263	260	241	188	88
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	27	53	59	43	15	50	82	78
Restaurant (<120m2)	vehicles	0	0	0	0	1	2	3	3	1	0	1	2
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	3	6	21	29	28	14	0	9	21
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	0	49	40	40	8	17	32	32	32	0	0
Light industry	vehicles	0	0	1	2	3	3	3	2	1	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	72	97	116	124	120	84	91	118	86	72	74
Motel	vehicles	8	7	8	7	5	5	5	7	8	8	7	8
Educational establishment	vehicles	0	0	4	15	7	7	4	15	7	7	0	0
Recreational facility (gym)	vehicles	5	5	14	12	9	8	6	6	10	12	14	9
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Storage		0	0	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Totals</b>		<b>93</b>	<b>190</b>	<b>398</b>	<b>506</b>	<b>583</b>	<b>598</b>	<b>581</b>	<b>606</b>	<b>596</b>	<b>562</b>	<b>475</b>	<b>360</b>
Long Term (Professional)	90%	0	0	1	6	7	7	7	6	5	4	2	0
Short Term (Professional)	10%	0	0	0	1	1	1	1	1	1	0	0	0
Long Term (Retail)	20%	4	12	35	54	72	82	85	81	72	72	68	44
Short Term (Retail)	80%	17	49	140	216	289	329	340	323	288	288	271	175
Long Term (Residential)	100%	8	7	8	7	5	5	5	7	8	8	7	8
Short Term (Residential)	100%	64	51	64	51	39	39	39	51	64	64	55	59
Long Term (Other)	50%	0	36	73	78	82	64	50	62	75	59	36	37
Short Term (Other)	50%	0	36	73	78	82	64	50	62	75	59	36	37
Long Term (School)	25%	0	0	1	4	2	2	1	4	2	2	0	0
Short Term (School)	75%	0	0	3	11	5	5	3	11	5	5	0	0
<b>Total Parking Supply</b>	<b>Total</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>
	<b>85% of Total</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>	<b>546</b>
	<b>Total Long Term</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>	<b>377</b>
	<b>Total Short Term</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>
	<b>All Other Spaces</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>
	<b>Total Minus Long Term</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>
<b>Total Observed Demand</b>	<b>Total</b>	<b>219</b>	<b>279</b>	<b>293</b>	<b>306</b>	<b>352</b>	<b>371</b>	<b>368</b>	<b>387</b>	<b>420</b>	<b>453</b>	<b>469</b>	<b>404</b>
	<b>Total Long Term</b>	<b>143</b>	<b>168</b>	<b>176</b>	<b>166</b>	<b>187</b>	<b>184</b>	<b>190</b>	<b>191</b>	<b>205</b>	<b>234</b>	<b>240</b>	<b>214</b>
	<b>Total Short Term</b>	<b>63</b>	<b>87</b>	<b>89</b>	<b>133</b>	<b>145</b>	<b>152</b>	<b>143</b>	<b>155</b>	<b>182</b>	<b>191</b>	<b>194</b>	<b>153</b>
	<b>All Other Spaces</b>	<b>33</b>	<b>24</b>	<b>26</b>	<b>27</b>	<b>30</b>	<b>35</b>	<b>35</b>	<b>41</b>	<b>33</b>	<b>28</b>	<b>35</b>	<b>37</b>
	<b>Total Minus Long Term</b>	<b>76</b>	<b>111</b>	<b>115</b>	<b>140</b>	<b>175</b>	<b>187</b>	<b>178</b>	<b>196</b>	<b>215</b>	<b>219</b>	<b>229</b>	<b>190</b>
<b>Total Predicted Demand</b>	<b>Total</b>	<b>93</b>	<b>190</b>	<b>398</b>	<b>506</b>	<b>583</b>	<b>598</b>	<b>581</b>	<b>606</b>	<b>596</b>	<b>562</b>	<b>475</b>	<b>360</b>
	<b>Long Term</b>	<b>12</b>	<b>55</b>	<b>118</b>	<b>149</b>	<b>168</b>	<b>160</b>	<b>148</b>	<b>158</b>	<b>163</b>	<b>145</b>	<b>133</b>	<b>88</b>
	<b>Short Term</b>	<b>81</b>	<b>135</b>	<b>279</b>	<b>357</b>	<b>415</b>	<b>438</b>	<b>432</b>	<b>447</b>	<b>434</b>	<b>417</b>	<b>362</b>	<b>271</b>



Campsie Base Model

Use	Unit	Campsie - Precinct 2											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	38	30	38	30	23	23	23	30	38	38	32	35
Office (general)	vehicles	0	0	0	8	8	8	8	8	8	8	4	0
Retail shops (<120m2)	vehicles	6	22	63	100	124	128	128	127	125	116	91	42
Retail shops (120m2 to 1000m2)	vehicles	22	74	213	339	423	435	435	430	426	395	308	143
Retail shops (>1000m2)	vehicles	37	124	359	571	712	712	712	725	717	666	520	242
Hotel/Club	vehicles	0	0	0	0	69	137	151	110	37	128	212	202
Restaurant (<120m2)	vehicles	0	0	0	2	4	12	18	17	8	0	5	13
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	3	7	24	34	32	16	0	10	25
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	0	122	101	101	20	41	81	81	81	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	153	206	248	263	256	179	195	252	183	153	158
Place of worship	vehicles	19	109	147	178	188	183	128	139	180	131	109	41
Entertainment facility	vehicles	0	12	16	20	21	20	14	15	20	15	12	13
Motel	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	5	20	10	10	5	20	10	10	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Storage		0	0	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub Totals</b>		<b>121</b>	<b>524</b>	<b>1169</b>	<b>1619</b>	<b>1953</b>	<b>1988</b>	<b>1897</b>	<b>1929</b>	<b>1919</b>	<b>1772</b>	<b>1457</b>	<b>913</b>
Long Term (Professional)	90%	0	0	0	8	8	8	8	8	8	8	4	0
Short Term (Professional)	10%	0	0	0	1	1	1	1	1	1	1	0	0
Long Term (Retail)	20%	13	44	127	203	268	294	300	288	266	261	229	133
Short Term (Retail)	80%	52	176	507	812	1071	1175	1198	1152	1064	1045	917	533
Long Term (Residential)	100%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Residential)	100%	38	30	38	30	23	23	23	30	38	38	32	35
Long Term (Other)	50%	10	137	246	273	287	239	182	215	267	205	137	106
Short Term (Other)	50%	10	137	246	273	287	239	182	215	267	205	137	106
Long Term (School)	25%	0	0	1	5	2	2	1	5	2	2	0	0
Short Term (School)	75%	0	0	4	15	7	7	4	15	7	7	0	0
<b>Total Parking Supply</b>	<b>Total</b>	<b>1298</b>	<b>1298</b>	<b>1266</b>	<b>1266</b>	<b>1266</b>	<b>1298</b>						
	<b>85% of Total</b>	<b>1103</b>	<b>1103</b>	<b>1076</b>	<b>1076</b>	<b>1076</b>	<b>1103</b>						
	<b>Total Long Term</b>	<b>908</b>	<b>908</b>	<b>876</b>	<b>876</b>	<b>876</b>	<b>876</b>	<b>908</b>	<b>908</b>	<b>908</b>	<b>908</b>	<b>908</b>	<b>908</b>
	<b>Total Short Term</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>
	<b>All Other Spaces</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>
	<b>Total Minus Long Term</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>390</b>
<b>Total Observed Demand</b>	<b>Total</b>	<b>555</b>	<b>671</b>	<b>704</b>	<b>981</b>	<b>1124</b>	<b>1061</b>	<b>1051</b>	<b>1044</b>	<b>1018</b>	<b>1088</b>	<b>1071</b>	<b>897</b>
	<b>Total Long Term</b>	<b>366</b>	<b>419</b>	<b>453</b>	<b>661</b>	<b>775</b>	<b>740</b>	<b>734</b>	<b>748</b>	<b>730</b>	<b>766</b>	<b>753</b>	<b>657</b>
	<b>Total Short Term</b>	<b>184</b>	<b>236</b>	<b>228</b>	<b>285</b>	<b>304</b>	<b>285</b>	<b>286</b>	<b>260</b>	<b>255</b>	<b>294</b>	<b>275</b>	<b>208</b>
	<b>All Other Spaces</b>	<b>6</b>	<b>16</b>	<b>23</b>	<b>33</b>	<b>45</b>	<b>35</b>	<b>33</b>	<b>36</b>	<b>33</b>	<b>28</b>	<b>33</b>	<b>32</b>
	<b>Total Minus Long Term</b>	<b>390</b>	<b>252</b>	<b>241</b>	<b>318</b>	<b>349</b>	<b>321</b>	<b>317</b>	<b>296</b>	<b>288</b>	<b>322</b>	<b>308</b>	<b>240</b>
<b>Total Predicted Demand</b>	<b>Total</b>	<b>121</b>	<b>524</b>	<b>1169</b>	<b>1619</b>	<b>1953</b>	<b>1988</b>	<b>1897</b>	<b>1929</b>	<b>1919</b>	<b>1772</b>	<b>1457</b>	<b>913</b>
	<b>Long Term</b>	<b>23</b>	<b>181</b>	<b>374</b>	<b>488</b>	<b>565</b>	<b>543</b>	<b>490</b>	<b>516</b>	<b>542</b>	<b>476</b>	<b>370</b>	<b>239</b>
	<b>Short Term</b>	<b>98</b>	<b>343</b>	<b>795</b>	<b>1130</b>	<b>1388</b>	<b>1445</b>	<b>1407</b>	<b>1413</b>	<b>1376</b>	<b>1296</b>	<b>1087</b>	<b>674</b>



Canterbury Land Use

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	179	179
Office (general)	sqm	3866	3866
Retail shops (<120m2)	sqm	908	908
Retail shops (120m2 to 1000m2)	sqm	4400	4400
Retail shops (>1000m2)	sqm	6619	6619
Hotel/Club	sqm public floor area	691	691
Restaurant (<120m2)	sqm	444	444
Restaurant (120m2 to 1000m2)	sqm	0	0
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	5	5
Light industry	sqm	17341	17341
Service station	sqm retail space	0	0
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	0	0
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	110	110
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	2397	2397
Storage	sqm	3317	3317
Primary School	enrolments	0	0

### Canterbury Car Parking Rates

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Retail shops (>1000m <sup>2</sup> ) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [2]	sqm	0	0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [12]	per Student	0.2	0.2

[1] Based on City of Canterbury DCP rate for visitor parking

[2] Based on City of Canterbury DCP

[3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[5] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child

[6] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[9] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[11] Assumed generic rate, to be updated once land use types are confirmed

[12] GTA Empirical Data

**Canterbury Base Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [6]	%	0%	2%	2%	2%	2%	2%	2%
Retail shops (<120m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (120m2 to 1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (>1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [3,6]	%	0%	0%	25%	50%	55%	40%	14%
Restaurant (<120m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [5,6]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [8]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [8]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [8]	%	78%	94%	100%	97%	68%	74%	96%
Motel [1]	%	63%	50%	38%	38%	38%	50%	63%
Educational establishment [6]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [8]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [6]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%

- [1] Based on GTA Consultants database profile for Dwellings
- [2] Based on GTA Consultants' database profile for a shop or shopping centre
- [3] Based on GTA Consultants database for a pub / hotel / tavern
- [4] Based on GTA Consultants database profile for restaurant
- [5] Based on GTA Consultants database rate for convenience restaurant
- [6] Based on GTA Consultants' estimation
- [7] Based on GTA Consultants database rate for medical centre
- [8] Based on GTA Consultants database for Minor Sports & Recreation Facility

# Base Car Parking Model

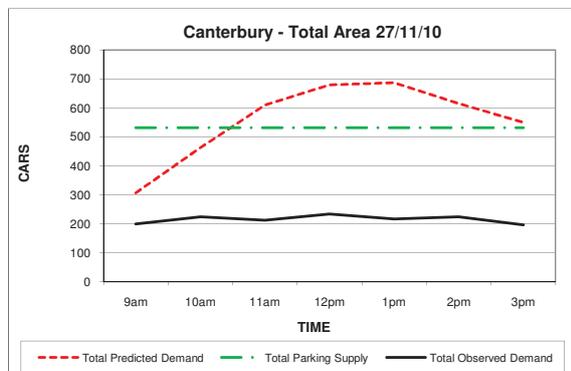


## Canterbury Base Model

Use	Unit	Canterbury - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	23	18	14	14	14	18	23
Office (general)	vehicles	0	2	2	2	2	2	2
Retail shops (<120m2)	vehicles	11	18	22	23	23	22	22
Retail shops (120m2 to 1000m2)	vehicles	71	113	141	145	145	144	142
Retail shops (>1000m2)	vehicles	146	232	290	298	298	295	292
Hotel/Club	vehicles	0	0	43	86	95	69	24
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	9	7	7	1	3	6	6
Light industry	vehicles	43	69	87	104	101	52	35
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	3	3	2	2	1	1	2
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		306	463	609	679	687	614	550
Long Term (Professional)	90%	38	64	80	95	92	49	33
Short Term (Professional)	10%	4	7	9	11	10	5	4
Long Term (Retail)	20%	46	73	100	112	114	107	97
Short Term (Retail)	80%	186	293	400	446	454	430	388
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	23	18	14	14	14	18	23
Long Term (Other)	50%	4	4	4	1	1	3	3
Short Term (Other)	50%	4	4	4	1	1	3	3
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	531	531	531	531	531	531	531
	85% of Total	453	453	453	453	453	453	453
	Total Long Term	423	423	423	423	423	423	423
	Total Short Term	53	53	53	53	53	53	53
	All Other Spaces	55	55	55	55	55	55	55
	Total Minus Long Term	108	108	108	108	108	108	108
Total Observed Demand	Total	199	224	212	234	217	224	196
	Total Long Term	167	191	175	192	177	179	160
	Total Short Term	32	33	37	42	40	45	46
	All Other Spaces	0	0	0	1	0	0	0
	Total Minus Long Term	32	33	37	42	40	45	46
Total Predicted Demand	Total	306	463	609	679	687	614	550
	Long Term	90	141	183	208	207	159	133
	Short Term	216	322	426	471	480	455	417



Croydon Park Land Use

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	75	75
Office (general)	sqm	1533	1533
Retail shops (<120m <sup>2</sup> )	sqm	1624	1624
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> )	sqm	1793	1793
Retail shops (>1000m <sup>2</sup> )	sqm	0	0
Hotel/Club	sqm public floor area	350	350
Restaurant (<120m <sup>2</sup> )	sqm	266	266
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> )	sqm	987	987
Restaurant (>1000m <sup>2</sup> )	sqm	0	0
Restaurant - drive-through take-away	seats	140	140
Child care centre	children	24	24
Medical centre	room	3	3
Light industry	sqm	8899	8899
Service station	sqm retail space	225	225
Community facility	sqm	0	0
Place of worship	sqm	855	855
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	125	125
Storage	sqm	78	78
Primary School	enrolments	0	0

**Croydon Park Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m2) [2]	sqm	0.025	0.025
Retail shops (120m2 to 1000m2) [2]	sqm	0.033	0.033
Retail shops (>1000m2) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m2) [2]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [2]	sqm	0.033	0.033
Restaurant (>1000m2) [2]	sqm	0	0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School	per Student	0.2	0.2

- [1] Based on City of Canterbury DCP rate for visitor parking
- [2] Based on City of Canterbury DCP
- [3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area
- [4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [5] City of Canterbury DCP rate, assuming 10m2 per child
- [6] City of Canterbury DCP rate, assuming 100m2 per room
- [7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [9] Based on City of Canterbury DCP rate, assuming 50m2 per room
- [10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [11] Assumed generic rate, to be updated once land use types are confirmed
- [12] GTA Empirical Data

**Croydon Park Base Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	2%	2%	2%	2%	2%	2%
Retail shops (<120m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (120m2 to 1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (>1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [3,6]	%	0%	0%	25%	50%	55%	40%	14%
Restaurant (<120m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [5,6]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [1]	%	63%	50%	38%	38%	38%	50%	63%
Educational establishment [6]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [6]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%

- [1] Based on GTA Consultants database profile for Dwellings
- [2] Based on GTA Consultants' database profile for a shop or shopping centre
- [3] Based on GTA Consultants database for a pub / hotel / tavern
- [4] Based on GTA Consultants database profile for restaurant
- [5] Based on GTA Consultants database rate for convenience restaurant
- [6] Based on GTA Consultants' estimation
- [7] Based on GTA Consultants database rate for medical centre
- [7] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility

Base Car Parking Model

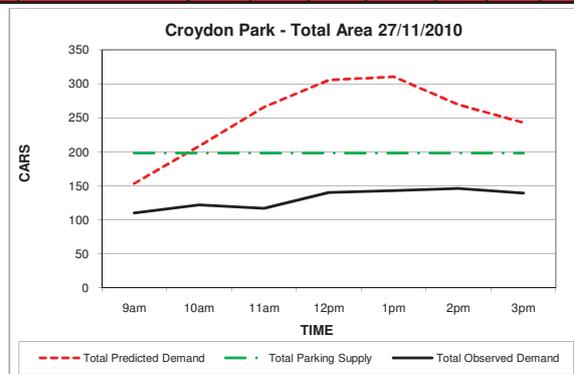


Croydon Park Base Model

Use	Unit	Croydon Park - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	9	7	6	6	6	7	9
Office (general)	vehicles	0	1	1	1	1	1	1
Retail shops (<120m2)	vehicles	20	32	40	41	41	40	40
Retail shops (120m2 to 1000m2)	vehicles	29	46	58	59	59	59	58
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	22	44	48	35	12
Restaurant (<120m2)	vehicles	0	0	1	2	3	3	2
Restaurant (120m2 to 1000m2)	vehicles	0	2	3	11	16	15	7
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	13	13	16	19	30	21	23
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	6	5	5	1	2	4	4
Light industry	vehicles	22	36	44	53	52	27	18
Service station	vehicles	4	9	11	11	11	11	10
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	44	53	56	55	38	42	54
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	5	4	3	3	3	4	5
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		153	208	265	305	310	270	243
Long Term (Professional)	90%	20	33	41	49	47	25	17
Short Term (Professional)	10%	2	4	5	5	5	3	2
Long Term (Retail)	20%	13	20	30	37	42	37	30
Short Term (Retail)	80%	53	82	120	149	167	148	121
Long Term (Residential)	100%	5	4	3	3	3	4	5
Short Term (Residential)	100%	9	7	6	6	6	7	9
Long Term (Other)	50%	25	29	31	28	20	23	29
Short Term (Other)	50%	25	29	31	28	20	23	29
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	198	198	198	198	198	198	198
	85% of Total	168	168	168	168	168	168	168
	Total Long Term	122	122	122	122	122	122	122
	Total Short Term	76	76	76	76	76	76	76
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	76	76	76	76	76	76	76
Total Observed Demand	Total	110	122	117	140	143	146	139
	Total Long Term	62	67	70	80	88	88	82
	Total Short Term	48	55	47	60	55	58	57
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	48	55	47	60	55	58	57
Total Predicted Demand	Total	153	208	265	305	310	270	243
	Long Term	64	86	105	117	112	89	81
	Short Term	90	122	161	188	198	181	162



**Earlwood Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	98	98
Office (general)	sqm	8528	8528
Retail shops (<120m2)	sqm	2759	2759
Retail shops (120m2 to 1000m2)	sqm	13822	13822
Retail shops (>1000m2)	sqm	2070	2070
Hotel/Club	sqm public floor area	975	975
Restaurant (<120m2)	sqm	462	462
Restaurant (120m2 to 1000m2)	sqm	2185	2185
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	65	65
Child care centre	children	0	0
Medical centre	room	39	39
Light industry	sqm	0	0
Service station	sqm retail space	531	531
Community facility	sqm	1185	1185
Place of worship	sqm	2375	2375
Entertainment facility	sqm	792	792
Motel	room	0	0
Educational establishment	sqm	632	632
Recreational facility (gym)	sqm	331	331
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	719	719
Storage	sqm	0	0
Primary School	enrolments	351	351

**Earlwood Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Retail shops (>1000m <sup>2</sup> ) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [2]	sqm		0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [12]	per Student	0.2	0.2

[1] Based on City of Canterbury DCP rate for visitor parking

[2] Based on City of Canterbury DCP

[3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[5] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child

[6] City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[9] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[11] Assumed generic rate, to be updated once land use types are confirmed

[12] GTA Empirical Data

**Earlwood Base Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	2%	2%	2%	2%	2%	2%
Retail shops (<120m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (120m2 to 1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (>1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [3,6]	%	0%	0%	25%	50%	55%	40%	14%
Restaurant (<120m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [5,6]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [1]	%	63%	50%	38%	38%	38%	50%	63%
Educational establishment [6]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [6]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%

- [1] Based on GTA Consultants database profile for Dwellings
- [2] Based on GTA Consultants' database profile for a shop or shopping centre
- [3] Based on GTA Consultants database for a pub / hotel / tavern
- [4] Based on GTA Consultants database profile for restaurant
- [5] Based on GTA Consultants database rate for convenience restaurant
- [6] Based on GTA Consultants' estimation
- [7] Based on GTA Consultants database rate for medical centre
- [7] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility

# Base Car Parking Model

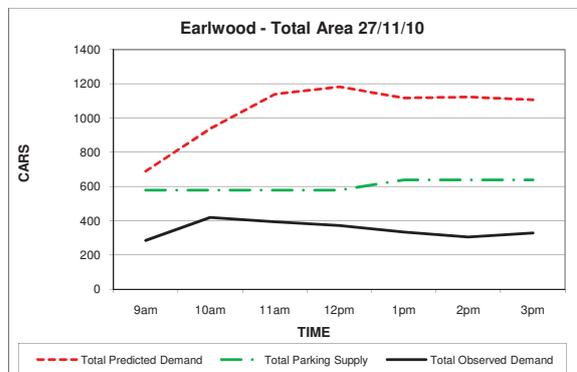


## Earlwood Base Model

Use	Unit	Earlwood - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	12	10	7	7	7	10	12
Office (general)	vehicles	0	4	4	4	4	4	4
Retail shops (<120m2)	vehicles	34	54	67	69	69	68	68
Retail shops (120m2 to 1000m2)	vehicles	223	356	444	456	456	452	447
Retail shops (>1000m2)	vehicles	46	73	91	93	93	92	91
Hotel/Club	vehicles	0	0	61	122	134	98	33
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	4	7	25	36	34	17
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	6	6	8	9	14	10	11
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	67	55	55	11	23	44	44
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	10	21	26	26	26	27	24
Community facility	vehicles	93	112	119	115	81	88	113
Place of worship	vehicles	123	148	157	152	107	116	150
Entertainment facility	vehicles	62	75	79	77	54	59	76
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	3	13	6	6	3	13	6
Recreational facility (gym)	vehicles	10	8	6	6	4	4	7
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		689	938	1139	1182	1118	1123	1106
Long Term (Professional)	90%	0	4	4	4	4	4	4
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	66	104	142	162	168	158	140
Short Term (Retail)	80%	263	418	569	647	671	632	560
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	12	10	7	7	7	10	12
Long Term (Other)	50%	172	195	205	178	132	153	192
Short Term (Other)	50%	172	195	205	178	132	153	192
Long Term (School)	25%	1	3	2	2	1	3	2
Short Term (School)	75%	2	9	5	5	2	9	5

Total Parking Supply	Total	578	578	578	578	638	638	638
	85% of Total	491	491	491	491	542	542	542
	Total Long Term	331	331	331	331	391	391	391
	Total Short Term	185	185	185	185	185	185	185
	All Other Spaces	62	62	62	62	62	62	62
	Total Minus Long Term	247	247	247	247	247	247	247
Total Observed Demand	Total	284	419	394	371	334	304	329
	Total Long Term	171	271	253	266	233	193	213
	Total Short Term	107	135	132	100	95	98	112
	All Other Spaces	6	13	9	5	6	13	4
	Total Minus Long Term	113	148	141	105	101	111	116
Total Predicted Demand	Total	689	938	1139	1182	1118	1123	1106
	Long Term	239	306	352	345	304	318	337
	Short Term	450	632	786	838	813	805	769



**Hurlstone Park Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	169	169
Office (general)	sqm	1621	1621
Retail shops (<120m2)	sqm	1030	1030
Retail shops (120m2 to 1000m2)	sqm	1625	1625
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	0	0
Restaurant (<120m2)	sqm	100	100
Restaurant (120m2 to 1000m2)	sqm	0	0
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	5	5
Light industry	sqm	0	0
Service station	sqm retail space	0	0
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	0	0
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	2	2
Vacant	sqm	1205	1205
Residential dwelling	sqm	169	169
Primary School	enrolments	0	0

**Hurlstone Park Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Retail shops (>1000m <sup>2</sup> ) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [2]	sqm		0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Residential dwelling [13]		0.35	0.35
Primary School [12]	per student	0.2	0.2

[1] Based on City of Canterbury DCP rate for visitor parking

[2] Based on City of Canterbury DCP

[3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[5] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child

[6] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[9] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[11] Assumed generic rate, to be updated once land use types are confirmed

[12] GTA Empirical Data

[13] Based on GTA estimation

Hurlstone Park Base Temporal Profiles

Use	Unit	Temporary Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Office (general) [2]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Retail shops (<120m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Retail shops (120m2 to 1000m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Retail shops (>1000m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Hotel/Club [4]	%	0%	0%	0%	5%	3%	18%	14%	14%	47%	77%
Restaurant (<120m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (120m2 to 1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (>1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant - drive-through take-away [6]	%	29%	29%	29%	29%	29%	64%	46%	49%	44%	36%
Child care centre [7]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Medical centre [8]	%	50%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	80.0%
Light industry [9]	%	57%	85%	91%	90%	100%	98%	97%	97%	97%	60%
Service station [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Community facility [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Place of worship [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Entertainment facility [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Motel [11]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Educational establishment [7]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Recreational facility (gym) [12]	%	51%	77%	97%	51%	41%	41%	44%	40%	62%	55%
Recreational facility (bowling green) [11]	%	0%	25%	50%	65%	85%	100%	99%	95%	90%	80%
Vacant	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Storage	%										
Primary School	%	45%	60%	35%	15%	15%	15%	45%	100%	45%	15%

Red Text = GTA Consultants' estimation

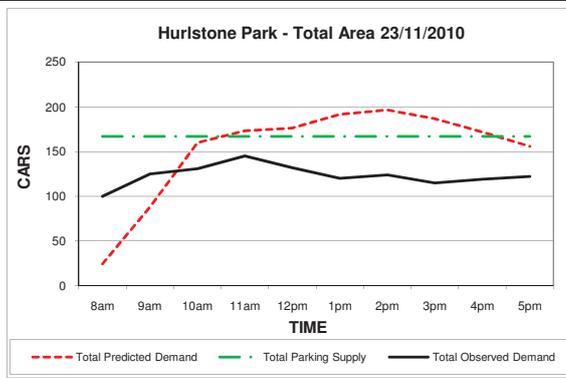
- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on GTA Consultants' database profile for a shop or shopping centre
- [4] Based on GTA Consultants database for a pub / hotel / tavern
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants database (staff attendance based on office land use)
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [10] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [11] Based on GTA Consultants database for bowling greens
- [12] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010

**Hurlstone Park Base Model**

Use	Unit	Hurlstone Park - Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	17	8	0	8	8	8	0	8
Office (general)	vehicles	10	35	40	41	39	37	40	39	40	27
Retail shops (<120m2)	vehicles	3	10	21	25	25	26	26	23	23	21
Retail shops (120m2 to 1000m2)	vehicles	6	20	43	52	52	53	54	48	47	43
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant (<120m2)	vehicles	0	0	0	0	1	1	1	1	0	0
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	5	8	9	7	9	6	8	9	7	7
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0	0	0	0
Motel	vehicles	0	0	0	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	0	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	15	30	39	52	61	60	58	55	48
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0

Sub Totals		24	88	160	173	176	192	196	187	172	156
Long Term (Professional)	90%	9	32	36	36	35	33	36	35	36	25
Short Term (Professional)	10%	1	4	4	4	4	4	4	4	4	3
Long Term (Retail)	20%	2	9	19	23	26	28	28	26	25	23
Short Term (Retail)	80%	7	36	75	94	103	112	112	104	100	90
Long Term (Residential)	100%	0	0	0	0	0	0	0	0	0	0
Short Term (Residential)	100%	0	0	17	8	0	8	8	8	0	8
Long Term (Other)	50%	2	4	4	4	4	3	4	5	4	4
Short Term (Other)	50%	2	4	4	4	4	3	4	5	4	4
Long Term (School)	25%	0	0	0	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0	0	0	0

<b>Total Parking Supply</b>	Total	167	167	167	167	167	167	167	167	167	167
	85% of Total	142	142	142	142	142	142	142	142	142	142
	Total Long Term	114	114	114	114	114	114	114	114	114	114
	Total Short Term	52	52	52	52	52	52	52	52	52	52
	All Other Spaces	1	1	1	1	1	1	1	1	1	1
	Total Minus Long Term	53	53	53	53	53	53	53	53	53	53
<b>Total Observed Demand</b>	Total	100	125	131	145	132	120	124	115	119	122
	Total Long Term	80	98	100	107	105	97	98	92	85	86
	Total Short Term	20	26	31	37	27	23	25	23	34	32
	All Other Spaces	0	1	0	1	0	0	1	0	0	1
	Total Minus Long Term	20	27	31	38	27	23	26	23	34	33
<b>Total Predicted Demand</b>	Total	24	88	160	173	176	192	196	187	172	156
	Long Term	13	45	59	64	65	64	68	66	64	51
	Short Term	11	43	100	110	111	128	129	121	107	105



**Lakemba Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	771	771
Office (general)	sqm	16928	16928
Retail shops (<120m <sup>2</sup> )	sqm	5100	5100
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> )	sqm	13426	13426
Retail shops (>1000m <sup>2</sup> )	sqm	2712	2712
Hotel/Club	sqm public floor area	3572	3572
Restaurant (<120m <sup>2</sup> )	sqm	569	569
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> )	sqm	2522	2522
Restaurant (>1000m <sup>2</sup> )	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	68	68
Medical centre	room	46	46
Light industry	sqm	1776	1776
Service station	sqm retail space	124	124
Community facility	sqm	4527	4527
Place of worship	sqm	2166	2166
Entertainment facility	sqm	0	0
Motel	room	11	11
Educational establishment	sqm	703	703
Recreational facility (gym)	sqm	466	466
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	1554	1554
Storage	sqm	0	0
Primary School	enrolments	1025	1025

**Lakemba Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m2) [2]	sqm	0.025	0.025
Retail shops (120m2 to 1000m2) [2]	sqm	0.033	0.033
Retail shops (>1000m2) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m2) [2]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [2]	sqm	0.033	0.033
Restaurant (>1000m2) [2]	sqm	0	0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [12]	per Student	0.2	0.2

- [1] Based on City of Canterbury DCP rate for visitor parking
- [2] Based on City of Canterbury DCP
- [3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area
- [4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [5] City of Canterbury DCP rate, assuming 10m2 per child
- [6] City of Canterbury DCP rate, assuming 100m2 per room
- [7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [9] Based on City of Canterbury DCP rate, assuming 50m2 per room
- [10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [11] Assumed generic rate, to be updated once land use types are confirmed
- [12] GTA Empirical Data

**Lakemba Base Temporal Profiles**

Use	Unit	Temporal Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Office (general) [2]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Retail shops (<120m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Retail shops (120m2 to 1000m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Retail shops (>1000m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Hotel/Club [4]	%	0%	0%	0%	5%	3%	18%	14%	14%	47%	77%
Restaurant (<120m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (120m2 to 1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (>1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant - drive-through take-away [6]	%	29%	29%	29%	29%	29%	64%	46%	49%	44%	36%
Child care centre [7]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Medical centre [8]	%	50%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	80.0%
Light industry [9]	%	57%	85%	91%	90%	100%	98%	97%	97%	97%	60%
Service station [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Community facility [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Place of worship [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Entertainment facility [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Motel [11]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Educational establishment [7]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Recreational facility (gym) [12]	%	51%	77%	97%	51%	41%	41%	44%	40%	62%	55%
Recreational facility (bowling green) [11]	%	0%	25%	50%	65%	85%	100%	99%	95%	90%	80%
Vacant	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Storage	%										
Primary School [13]	%	45%	60%	35%	15%	15%	15%	45%	100%	45%	15%

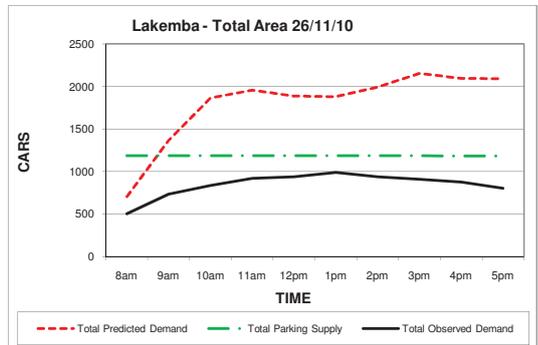
- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on GTA Consultants' database profile for a shop or shopping centre
- [4] Based on GTA Consultants database for a pub / hotel / tavern
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants database (staff attendance based on office land use)
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [10] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [11] Based on GTA Consultants database rate for bowling greens
- [12] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010
- [13] Based on GTA Consultants estimation

**Lakemba Base Model**

Use	Unit	Lakemba - Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	77	39	0	39	39	39	0	39
Office (general)	vehicles	108	368	421	423	410	383	413	410	415	287
Retail shops (<120m2)	vehicles	15	47	102	124	123	126	127	115	113	102
Retail shops (120m2 to 1000m2)	vehicles	51	165	354	431	426	439	443	400	392	356
Retail shops (>1000m2)	vehicles	14	45	97	119	117	121	122	110	108	98
Hotel/Club	vehicles	0	0	0	41	27	162	122	122	417	688
Restaurant (<120m2)	vehicles	0	0	1	1	3	7	7	3	0	2
Restaurant (120m2 to 1000m2)	vehicles	0	0	4	8	20	40	39	19	0	12
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	3	12	14	14	13	12	13	13	13	9
Medical centre	vehicles	46	83	89	75	87	63	80	92	75	74
Light industry	vehicles	10	15	16	16	18	17	17	17	17	11
Service station	vehicles	1	2	5	6	6	6	6	6	5	5
Community facility	vehicles	262	354	426	453	440	308	335	433	315	262
Place of worship	vehicles	83	112	135	143	139	97	106	137	99	83
Entertainment facility	vehicles	0	0	0	0	0	0	0	0	0	0
Motel	vehicles	0	0	6	3	0	3	3	3	0	3
Educational establishment	vehicles	4	12	14	14	14	13	14	14	14	10
Recreational facility (gym)	vehicles	18	27	34	18	14	14	15	14	22	19
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0
Storage		0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	92	123	72	31	31	31	92	205	92	31

Sub Totals		708	1367	1867	1957	1888	1881	1993	2152	2096	2090
Long Term (Professional)	90%	110	355	406	407	397	371	399	397	401	276
Short Term (Professional)	10%	12	39	45	45	44	41	44	44	45	31
Long Term (Retail)	20%	20	57	119	150	147	183	176	158	211	257
Short Term (Retail)	80%	79	229	477	599	589	732	705	632	845	1026
Long Term (Residential)	100%	0	0	6	3	0	3	3	3	0	3
Short Term (Residential)	100%	0	0	77	39	0	39	39	39	0	39
Long Term (Other)	50%	196	275	325	335	333	234	260	331	245	210
Short Term (Other)	50%	196	275	325	335	333	234	260	331	245	210
Long Term (School)	25%	24	34	21	11	11	11	26	55	27	10
Short Term (School)	75%	72	101	64	34	33	33	79	164	80	30

Total Parking Supply	Total	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184
	85% of Total	1011	1011	1011	1011	1011	1011	1011	1011	1006	1006
	Total Long Term	716	716	716	716	716	716	716	716	710	710
	Total Short Term	398	398	398	398	398	398	398	398	398	398
	All Other Spaces	75	75	75	75	75	75	75	75	75	75
	Total Minus Long Term	473	473	473	473	473	473	473	473	473	473
Total Observed Demand	Total	595	735	816	922	938	992	938	909	879	802
	Total Long Term	368	484	538	574	579	605	576	560	527	468
	Total Short Term	132	238	285	322	335	370	347	330	333	313
	All Other Spaces	5	13	13	25	23	17	15	19	19	22
	Total Minus Long Term	137	251	298	348	359	387	362	349	352	335
Total Predicted Demand	Total	708	1367	1867	1957	1888	1881	1993	2152	2096	2090
	Long Term	349	721	877	906	888	802	865	943	883	755
	Short Term	359	645	989	1051	999	1079	1128	1209	1213	1335



**Narwee Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	25	25
Office (general)	sqm	763	763
Retail shops (<120m2)	sqm	1813	1813
Retail shops (120m2 to 1000m2)	sqm	1604	1604
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	373	373
Restaurant (<120m2)	sqm	356	356
Restaurant (120m2 to 1000m2)	sqm	451	451
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	6	6
Light industry	sqm	100	100
Service station	sqm retail space	323	323
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	12	12
Educational establishment	sqm	85	85
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	964	964
Storage	sqm	0	0
Primary School	enrolments	0	0

## Base Car Parking Model



### Narwee Car Parking Rates

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m2) [2]	sqm	0.025	0.025
Retail shops (120m2 to 1000m2) [2]	sqm	0.033	0.033
Retail shops (>1000m2) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m2) [2]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [2]	sqm	0.033	0.033
Restaurant (>1000m2) [2]	sqm		0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School	per Student	0.2	0.2

[1] Based on City of Canterbury DCP rate for visitor parking

[2] Based on City of Canterbury DCP

[3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[5] City of Canterbury DCP rate, assuming 10m2 per child

[6] City of Canterbury DCP rate, assuming 100m2 per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[9] Based on City of Canterbury DCP rate, assuming 50m2 per room

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

[11] Assumed generic rate, to be updated once land use types are confirmed

[12] GTA Empirical Data

## Narwee Base Temporal Profiles

Use	Unit	Temporal Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	2%	2%	2%	2%	2%	2%
Retail shops (<120m <sup>2</sup> ) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (>1000m <sup>2</sup> ) [2]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [3,6]	%	0%	0%	25%	50%	55%	40%	14%
Restaurant (<120m <sup>2</sup> ) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m <sup>2</sup> ) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [5,6]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [1]	%	63%	50%	38%	38%	38%	50%	63%
Educational establishment [6]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [6]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%

[1] Based on GTA Consultants database profile for Dwellings

[2] Based on GTA Consultants' database profile for a shop or shopping centre

[3] Based on GTA Consultants database for a pub / hotel / tavern

[4] Based on GTA Consultants database profile for restaurant

[5] Based on GTA Consultants database rate for convenience restaurant

[6] Based on GTA Consultants' estimation

[7] Based on GTA Consultants database rate for medical centre

[7] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010

[9] Based on GTA Consultants database for Minor Sports & Recreation Facility

# Base Car Parking Model

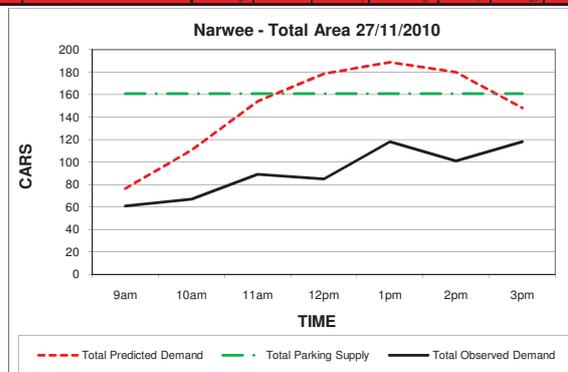


## Narwee Base Model

Use	Unit	Narwee - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	3	2	2	2	2	2	3
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	22	35	44	45	45	45	44
Retail shops (120m2 to 1000m2)	vehicles	26	41	52	53	53	52	52
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	23	47	51	37	13
Restaurant (<120m2)	vehicles	0	0	1	3	4	4	2
Restaurant (120m2 to 1000m2)	vehicles	0	1	1	5	7	7	3
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	11	9	9	2	4	7	7
Light industry	vehicles	0	0	1	1	1	0	0
Service station	vehicles	6	13	16	16	16	16	15
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	7	6	4	4	4	6	7
Educational establishment	vehicles	0	2	1	1	0	2	1
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		76	111	154	179	189	180	148
Long Term (Professional)	90%	0	1	1	1	1	1	1
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	11	18	27	34	35	32	26
Short Term (Retail)	80%	43	73	110	135	142	129	103
Long Term (Residential)	100%	7	6	4	4	4	6	7
Short Term (Residential)	100%	3	2	2	2	2	2	3
Long Term (Other)	50%	6	5	5	1	2	4	4
Short Term (Other)	50%	6	5	5	1	2	4	4
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	1	1	1	0	1	1

Total Parking Supply	Total	161	161	161	161	161	161	161
	85% of Total	137	137	137	137	137	137	137
	Total Long Term	89	89	89	89	89	89	89
	Total Short Term	72	72	72	72	72	72	72
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	72	72	72	72	72	72	72
Total Observed Demand	Total	61	67	89	85	118	101	118
	Total Long Term	22	24	35	35	56	66	70
	Total Short Term	39	43	54	50	62	35	48
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	39	43	54	50	62	35	48
Total Predicted Demand	Total	76	111	154	179	189	180	148
	Long Term	24	30	37	40	43	43	38
	Short Term	52	81	117	138	146	137	111



**New Canterbury Road Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	237	237
Office (general)	sqm	2277	2277
Retail shops (<120m2)	sqm	1140	1140
Retail shops (120m2 to 1000m2)	sqm	4265	4265
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	4771	4771
Restaurant (<120m2)	sqm	92	92
Restaurant (120m2 to 1000m2)	sqm	544	544
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	69	69
Medical centre	room	6	6
Light industry	sqm	2426	2426
Service station	sqm retail space	335	335
Community facility	sqm	400	400
Place of worship	sqm	1945	1945
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	144	144
Recreational facility (gym)	sqm	168	168
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	1830	1830
Storage	sqm	233	233
Primary School	enrolments	298	298

**New Canterbury Road Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m2) [2]	sqm	0.025	0.025
Retail shops (120m2 to 1000m2) [2]	sqm	0.033	0.033
Retail shops (>1000m2) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m2) [2]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [2]	sqm	0.033	0.033
Restaurant (>1000m2) [2]	sqm	0	0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School	per Student	0.2	0.2

- [1] Based on City of Canterbury DCP rate for visitor parking
- [2] Based on City of Canterbury DCP
- [3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area
- [4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [5] City of Canterbury DCP rate, assuming 10m2 per child
- [6] City of Canterbury DCP rate, assuming 100m2 per room
- [7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [9] Based on City of Canterbury DCP rate, assuming 50m2 per room
- [10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [11] Assumed generic rate, to be updated once land use types are confirmed
- [12] GTA Empirical Data

**New Canterbury Road Base Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	2%	2%	2%	2%	2%	2%
Retail shops (<120m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (120m2 to 1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (>1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [3,6]	%	0%	0%	25%	50%	55%	40%	14%
Restaurant (<120m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [5,6]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [1]	%	63%	50%	38%	38%	38%	50%	63%
Educational establishment [6]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [6]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%

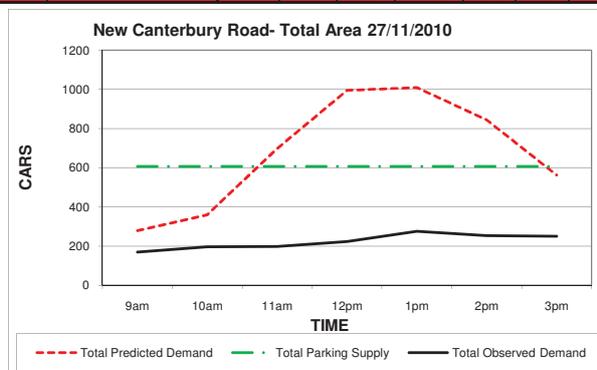
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Based on GTA Consultants' database profile for a shop or shopping centre
- [3] Based on GTA Consultants database for a pub / hotel / tavern
- [4] Based on GTA Consultants database profile for restaurant
- [5] Based on GTA Consultants database rate for convenience restaurant
- [6] Based on GTA Consultants' estimation
- [7] Based on GTA Consultants database rate for medical centre
- [7] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility

**New Canterbury Road Base Model**

Use	Unit	New Canterbury Road - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	30	24	18	18	18	24	30
Office (general)	vehicles	0	1	1	1	1	1	1
Retail shops (<120m2)	vehicles	14	22	28	28	28	28	28
Retail shops (120m2 to 1000m2)	vehicles	69	110	137	141	141	139	138
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	298	596	656	477	163
Restaurant (<120m2)	vehicles	0	0	0	1	1	1	1
Restaurant (120m2 to 1000m2)	vehicles	0	1	2	6	9	8	4
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	11	9	9	2	4	7	7
Light industry	vehicles	6	10	12	15	14	7	5
Service station	vehicles	6	13	16	16	17	17	15
Community facility	vehicles	31	38	40	39	27	30	38
Place of worship	vehicles	100	121	128	125	87	95	123
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	6	5	3	3	3	5	6
Educational establishment	vehicles	1	3	1	1	1	3	1
Recreational facility (gym)	vehicles	5	4	3	3	2	2	4
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		279	360	698	996	1010	844	563
Long Term (Professional)	96%	5	10	12	14	14	8	5
Short Term (Professional)	10%	1	1	1	2	2	1	1
Long Term (Retail)	20%	19	30	97	158	171	135	70
Short Term (Retail)	80%	75	121	388	633	683	539	281
Long Term (Residential)	100%	6	5	3	3	3	5	6
Short Term (Residential)	100%	30	24	18	18	18	24	30
Long Term (Other)	50%	71	84	89	83	59	66	84
Short Term (Other)	50%	71	84	89	83	59	66	84
Long Term (School)	25%	0	1	0	0	0	1	0
Short Term (School)	75%	1	2	1	1	1	2	1

Total Parking Supply	Total	607	607	607	607	607	607	607
	85% of Total	516	516	516	516	516	516	516
	Total Long Term	576	576	576	576	576	576	576
	Total Short Term	31	31	31	31	31	31	31
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	31	31	31	31	31	31	31
Total Observed Demand	Total	170	197	198	223	276	253	250
	Total Long Term	159	183	186	210	259	236	234
	Total Short Term	11	14	13	13	17	17	16
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	11	14	13	13	17	17	16
Total Predicted Demand	Total	279	360	698	996	1010	844	563
	Long Term	102	129	201	259	247	213	166
	Short Term	178	231	497	737	763	631	397



**Punchbowl Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	290	290
Office (general)	sqm	3688	3688
Retail shops (<120m <sup>2</sup> )	sqm	3464	3464
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> )	sqm	5550	5550
Retail shops (>1000m <sup>2</sup> )	sqm	0	0
Hotel/Club	sqm public floor area	400	400
Restaurant (<120m <sup>2</sup> )	sqm	175	175
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> )	sqm	993	993
Restaurant (>1000m <sup>2</sup> )	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	12	12
Light industry	sqm	0	0
Service station	sqm retail space	0	0
Community facility	sqm	702	702
Place of worship	sqm	1110	1110
Entertainment facility	sqm	380	380
Motel	room	10	10
Educational establishment	sqm	133	133
Recreational facility (gym)	sqm	425	425
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	1792	1792
Storage	sqm	180	180
Primary School	enrolments	0	0

**Punchbowl Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Retail shops (>1000m <sup>2</sup> ) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [2]	sqm		0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [12]	per Student	0.2	0.2

[1] Based on City of Canterbury DCP rate for visitor parking

[2] Based on City of Canterbury DCP

[3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[5] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child

[6] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[9] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[11] Assumed generic rate, to be updated once land use types are confirmed

[12] GTA Empirical Data

**Punchbowl Base Temporal Profiles**

Use	Unit	Temporary Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	0%	25%	
Office (general) [2]	%	26%	87%	99%	100%	97%	90%	97%	98%	68%	
Retail shops (<120m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	
Retail shops (120m2 to 1000m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	
Retail shops (>1000m2) [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	
Hotel/Club [4]	%	0%	0%	0%	5%	3%	18%	14%	14%	47%	
Restaurant (<120m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	
Restaurant (120m2 to 1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	
Restaurant (>1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	
Restaurant - drive-through take-away [6]	%	29%	29%	29%	29%	29%	64%	46%	49%	36%	
Child care centre [7]	%	26%	87%	99%	100%	97%	90%	97%	98%	68%	
Medical centre [8]	%	50%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	
Light industry [9]	%	57%	85%	91%	90%	100%	98%	97%	97%	60%	
Service station [3]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	
Community facility [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	
Place of worship [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	
Entertainment facility [10]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	
Motel [11]	%	0%	0%	50%	25%	0%	25%	25%	0%	25%	
Educational establishment [7]	%	26%	87%	99%	100%	97%	90%	97%	98%	68%	
Recreational facility (gym) [12]	%	51%	77%	97%	51%	41%	41%	44%	40%	55%	
Recreational facility (bowling green) [11]	%	0%	25%	50%	65%	85%	100%	99%	95%	80%	
Vacant	%	26%	87%	99%	100%	97%	90%	97%	98%	68%	
Storage	%										
Primary School [11]	%	45%	60%	35%	15%	15%	15%	45%	100%	45%	

- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on GTA Consultants' database profile for a shop or shopping centre
- [4] Based on GTA Consultants database for a pub / hotel / tavern
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants database (staff attendance based on office land use)
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [10] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [11] Based on GTA Consultants Estimation
- [12] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010

# Base Car Parking Model

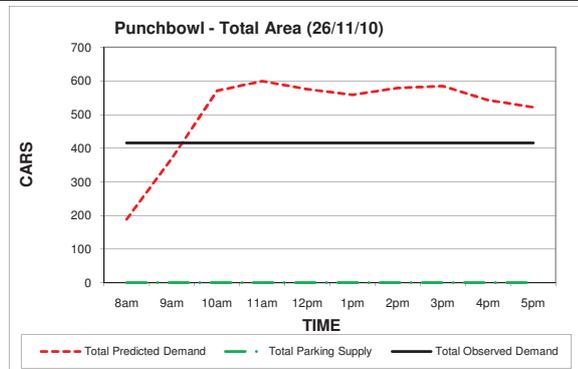


## Punchbowl Base Model

Use	Unit	Punchbowl - Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	29	14	0	14	14	14	0	14
Office (general)	vehicles	24	80	92	92	89	83	90	89	90	63
Retail shops (<120m2)	vehicles	10	32	69	84	83	86	87	78	77	70
Retail shops (120m2 to 1000m2)	vehicles	21	68	146	178	176	181	183	165	162	147
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	5	3	18	14	14	47	77
Restaurant (<120m2)	vehicles	0	0	0	0	1	2	2	1	0	1
Restaurant (120m2 to 1000m2)	vehicles	0	0	2	3	8	16	15	8	0	5
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	12	21	23	19	22	16	21	24	19	19
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	41	55	66	70	68	48	52	67	49	41
Place of worship	vehicles	42	57	69	73	71	50	54	70	51	42
Entertainment facility	vehicles	22	30	36	38	37	26	28	36	26	22
Motel	vehicles	0	0	5	2	0	2	2	2	0	2
Educational establishment	vehicles	1	2	3	3	3	2	3	3	3	2
Recreational facility (gym)	vehicles	16	25	31	16	13	13	14	13	20	17
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0

Sub Totals		189	371	570	600	575	559	579	585	543	522
Long Term (Professional)	90%	21	72	83	83	80	75	81	80	81	56
Short Term (Professional)	10%	2	8	9	9	9	8	9	9	9	6
Long Term (Retail)	20%	10	25	50	57	57	63	63	56	61	63
Short Term (Retail)	80%	38	100	199	230	227	253	252	223	244	253
Long Term (Residential)	100%	0	0	5	2	0	2	2	2	0	2
Short Term (Residential)	100%	0	0	29	14	0	14	14	14	0	14
Long Term (Other)	50%	59	82	97	100	99	70	77	99	73	62
Short Term (Other)	50%	59	82	97	100	99	70	77	99	73	62
Long Term (School)	25%	0	1	1	1	1	1	1	1	1	0
Short Term (School)	75%	1	2	2	2	2	2	2	2	2	1

Total Parking Supply	Total	0	0	0	0	0	0	0	0	0	0
	85% of Total	0	0	0	0	0	0	0	0	0	0
	Total Long Term	0	0	0	0	0	0	0	0	0	0
	Total Short Term	0	0	0	0	0	0	0	0	0	0
	All Other Spaces	0	0	0	0	0	0	0	0	0	0
	Total Minus Long Term	0	0	0	0	0	0	0	0	0	0
Total Observed Demand	Total	416	416	416	416	416	416	416	416	416	416
	Total Long Term	241	241	241	241	241	241	241	241	241	241
	Total Short Term	173	173	173	173	173	173	173	173	173	173
	All Other Spaces	2	2	2	2	2	2	2	2	2	2
	Total Minus Long Term	175	175	175	175	175	175	175	175	175	175
Total Predicted Demand	Total	189	371	570	600	575	559	579	585	543	522
	Long Term	89	179	235	244	237	211	224	238	216	185
	Short Term	99	192	335	356	338	347	355	347	328	337



**Wiley Park Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	215	215
Office (general)	sqm	180	180
Retail shops (<120m <sup>2</sup> )	sqm	958	958
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> )	sqm	1229	1229
Retail shops (>1000m <sup>2</sup> )	sqm	0	0
Hotel/Club	sqm public floor area	509	509
Restaurant (<120m <sup>2</sup> )	sqm	0	0
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> )	sqm	0	0
Restaurant (>1000m <sup>2</sup> )	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	2	2
Light industry	sqm	0	0
Service station	sqm retail space	0	0
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	218	218
Storage	sqm	302	302
Primary School	enrolments	0	0

**Wiley Park Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.2	0.2
Office (general) [2]	sqm	0.025	0.025
Retail shops (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Retail shops (>1000m <sup>2</sup> ) [2]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.25	0.25
Restaurant (<120m <sup>2</sup> ) [2]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [2]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [2]	sqm		0
Restaurant - drive-through take-away [4]	seats	0.333	0.333
Child care centre [5]	children	0.2	0.2
Medical centre [6]	room	2	2
Light industry [2]	sqm	0.01	0.01
Service station [2]	sqm retail space	0.05	0.05
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	1	1
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [2]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School	per Student	0.2	0.2

[1] Based on City of Canterbury DCP rate for visitor parking

[2] Based on City of Canterbury DCP

[3] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[4] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[5] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child

[6] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[9] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[11] Assumed generic rate, to be updated once land use types are confirmed

[12] GTA Empirical Data

## Wiley Park Base Temporal Profiles

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	2%	2%	2%	2%	2%	2%
Retail shops (<120m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (120m2 to 1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Retail shops (>1000m2) [2]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [3,6]	%	0%	0%	25%	50%	55%	40%	14%
Restaurant (<120m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [4,6]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [5,6]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [6]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [1]	%	63%	50%	38%	38%	38%	50%	63%
Educational establishment [6]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [6]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [6]	%	0%	0%	0%	0%	0%	0%	0%

[1] Based on GTA Consultants database profile for Dwellings

[2] Based on GTA Consultants' database profile for a shop or shopping centre

[3] Based on GTA Consultants database for a pub / hotel / tavern

[4] Based on GTA Consultants database profile for restaurant

[5] Based on GTA Consultants database rate for convenience restaurant

[6] Based on GTA Consultants' estimation

[7] Based on GTA Consultants database rate for medical centre

[7] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010

[9] Based on GTA Consultants database for Minor Sports & Recreation Facility

Base Car Parking Model

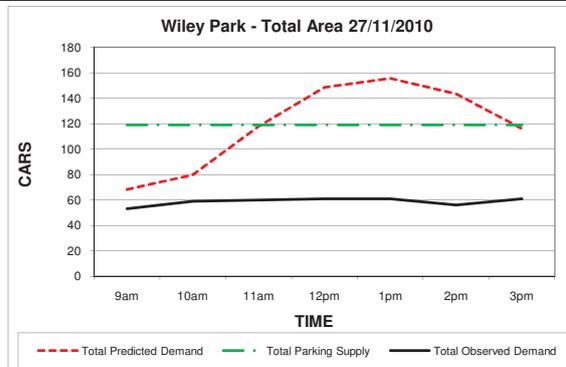


Wiley Park Base Model

Use	Unit	Wiley Park - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	27	21	16	16	16	21	27
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	12	19	23	24	24	24	23
Retail shops (120m2 to 1000m2)	vehicles	20	32	39	41	41	40	40
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	32	64	70	51	17
Restaurant (<120m2)	vehicles	0	0	0	0	0	0	0
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	4	3	3	1	1	3	3
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	6	4	3	3	3	4	6
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		68	80	118	149	156	143	116
Long Term (Professional)	90%	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	6	10	19	26	27	23	16
Short Term (Retail)	80%	25	40	76	103	108	92	64
Long Term (Residential)	100%	6	4	3	3	3	4	6
Short Term (Residential)	100%	27	21	16	16	16	21	27
Long Term (Other)	50%	2	2	2	0	1	1	1
Short Term (Other)	50%	2	2	2	0	1	1	1
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	119	119	119	119	119	119	119
	85% of Total	101	101	101	101	101	101	101
	Total Long Term	103	103	103	103	103	103	103
	Total Short Term	16	16	16	16	16	16	16
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	16	16	16	16	16	16	16
Total Observed Demand	Total	53	59	60	61	61	56	61
	Total Long Term	47	55	54	54	52	50	56
	Total Short Term	6	4	6	7	9	6	5
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	6	4	6	7	9	6	5
Total Predicted Demand	Total	68	80	118	149	156	143	116
	Long Term	14	16	24	29	31	29	23
	Short Term	54	63	94	119	125	115	93



## Appendix D

### Calibrated Car Parking Models

**Belfield Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	76	76
Office (general)	sqm	8427	8427
Retail shops (<120m2)	sqm	978	978
Retail shops (120m2 to 1000m2)	sqm	2453	2453
Retail shops (>1000m2)	sqm	1365	1365
Hotel/Club	sqm public floor area	391	391
Restaurant (<120m2)	sqm	93	93
Restaurant (120m2 to 1000m2)	sqm	1366	1366
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	3	3
Light industry	sqm	387	387
Service station	sqm retail space	240	240
Community facility	sqm	275	275
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	8	8
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	590	590
Storage	sqm	0	0
Primary School	enrolments	0	0

**Belfield Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.013	0.013
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.024	0.024
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0	0
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m <sup>2</sup> ) [7]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.023	0.023
Restaurant (>1000m <sup>2</sup> )	sqm	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [7]	room	2	2
Light industry [8]	sqm	0.01	0.01
Service station [8]	sqm retail space	0	0
Community facility [13]	sqm	0.04	0.04
Place of worship [10]	sqm	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1
Motel [14]	room	0.07	0.07
Educational establishment [11]	sqm	0.02	0.02
Recreational facility (gym) [8]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [2]	per Student	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekend

[3] On-Site Parking available for employees

[4] Business has on-site car park that was not surveyed

[5] Based on GTA Consultants database rate for nightclub

[6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[7] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[8] Based on City of Canterbury DCP

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[11] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[12] GTA Empirical Data

[13] Based on type of facility

[14] Based on information gathered from Oasis Hotel (Campsie)

**Belfield Calibrated Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3,8]	%	41%	70%	84%	100%	84%	68%	64%
Retail shops (120m2 to 1000m2) [3,8]	%	41%	70%	84%	100%	84%	68%	64%
Retail shops (>1000m2) [4]	%	41%	76%	100%	96%	88%	91%	90%
Hotel/Club [5]	%	0%	0%	18%	50%	50%	40%	50%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [9]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [8]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [11]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [11]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [11]	%	78%	94%	100%	97%	68%	74%	96%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [8]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [11]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [8]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%

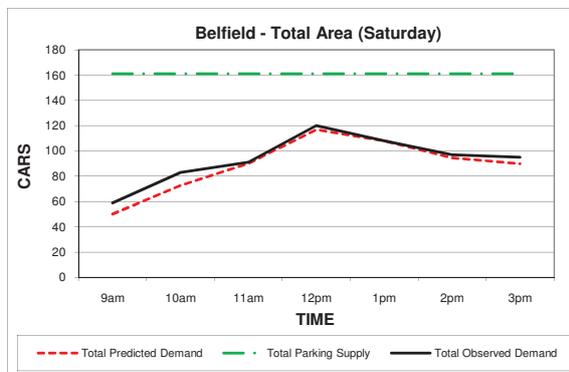
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekends
- [3] Based on parking demand for community car park and belfield plaza car park
- [4] Based on GTA Consultants' database profile for a supplier retailer
- [5] Based on GTA Consultants database for a nightclub
- [6] Based on GTA Consultants database profile for restaurant
- [7] Based on GTA Consultants database rate for convenience restaurant
- [8] Based on GTA Consultants' estimation
- [9] Based on GTA Consultants database rate for medical centre
- [10] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [11] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [12] Based on information gathered from Oasis Hotel (Campsie)

**Belfield Calibrated Model**

Use	Unit	Belfield - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	6	5	3	3	3	5	6
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	5	9	11	13	11	9	8
Retail shops (120m2 to 1000m2)	vehicles	24	41	49	59	49	40	38
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	6	16	16	12	16
Restaurant (<120m2)	vehicles	0	0	0	1	1	1	1
Restaurant (120m2 to 1000m2)	vehicles	0	2	3	11	16	15	7
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	5	4	4	1	2	3	3
Light industry	vehicles	1	2	2	2	2	1	1
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	9	10	11	11	7	8	11
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		50	73	90	117	108	95	90
Long Term (Professional)	90%	1	1	2	2	2	1	1
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	6	10	14	20	19	15	14
Short Term (Retail)	80%	23	41	55	79	74	62	55
Long Term (Residential)	100%	1	1	1	1	1	1	1
Short Term (Residential)	100%	6	5	3	3	3	5	6
Long Term (Other)	50%	7	7	7	6	5	6	7
Short Term (Other)	50%	7	7	7	6	5	6	7
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	161	161	161	161	161	161	161
	85% of Total	137	137	137	137	137	137	137
	Total Long Term	90	90	90	90	90	90	90
	Total Short Term	71	71	71	71	71	71	71
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	71	71	71	71	71	71	71
Total Observed Demand	Total	59	83	91	120	108	97	95
	Total Long Term	27	41	47	56	45	50	48
	Total Short Term	32	42	44	64	63	47	47
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	32	42	44	64	63	47	47
Total Predicted Demand	Total	50	73	90	117	108	95	90
	Long Term	14	19	24	38	36	23	22
	Short Term	36	53	66	79	72	72	68



**Belmore Land Use**

Use	Unit	Size		
		Total Area	Precinct	
			1	2
Residential dwelling (visitor)	Dwellings	226	118	108
Office (general)	sqm	8558	278	8280
Retail shops (<120m2)	sqm	3677	1264	2413
Retail shops (120m2 to 1000m2)	sqm	9058	2929	6129
Retail shops (>1000m2)	sqm	0	0	0
Hotel/Club	sqm public floor area	2208	0	2208
Restaurant (<120m2)	sqm	903	450	452
Restaurant (120m2 to 1000m2)	sqm	2194	997	1197
Restaurant (>1000m2)	sqm	0	0	0
Restaurant - drive-through take-away	seats	0	0	0
Child care centre	children	47	47	0
Medical centre	room	10	1	10
Light industry	sqm	5644	0	5644
Service station	sqm retail space	0	0	0
Community facility	sqm	1090	1090	0
Place of worship	sqm	1131	532	599
Entertainment facility	sqm	1501	700	801
Motel	room	0	0	0
Educational establishment	sqm	700	0	700
Recreational facility (gym)	sqm	1594	1240	354
Recreational facility (Bowling Green)	bowling greens	0	0	0
Vacant	sqm	1382	431	951
Storage	sqm	0	0	0
Primary School	enrolments	0	0	0

**Belmore Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size		
		Off-Site Parking Rate	Precinct	
			1	2
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12	0.12
Office (general) [2]	sqm	0	0	0
Retail shops (<120m2) [3]	sqm	0.009	0.009	0.009
Retail shops (120m2 to 1000m2) [3]	sqm	0.015	0.015	0.015
Retail shops (>1000m2) [4]	sqm	0.045	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08	0.08
Restaurant (<120m2) [4]	sqm	0.025	0.025	0.025
Restaurant (120m2 to 1000m2) [4]	sqm	0.033	0.033	0.033
Restaurant (>1000m2) [4]	sqm	0	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333	0.333
Child care centre [2]	children	0	0	0
Medical centre [7]	room	1.5	1.5	1.5
Light industry [8]	sqm	0.005	0.005	0.005
Service station [4]	sqm retail space	0.05	0.05	0.05
Community facility [9]	sqm	0.1	0.1	0.1
Place of worship [10]	sqm	0.066	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1	0.1
Motel [11]	room	1	1	1
Educational establishment [12]	sqm	0.02	0.02	0.02
Recreational facility (gym) [13]	sqm	0.015	0.015	0.015
Recreational facility (bowling green) [14]	per bowling green	26.5	26.5	26.5
Vacant	sqm	0	0	0
Storage		0	0	0
Primary School [2]	per Student	0	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on owner/employee parking on-site

[4] Based on City of Canterbury DCP

[5] Based on GTA Consultants database rate for nightclub

[6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[7] Based on on-site parking of 1 space per practitioner for most sites

[8] Based on part of demand catered on-site

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[11] Based on City of Canterbury DCP rate, assuming 50m2 per room

[12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

[13] PCYC not open on weekends & Power Core MMA Gym not offering weekend classes

[14] GTA Empirical Data

**Belmore Calibrated Temporal Profiles**

Use	Unit	Temporal Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	50%	55%	65%	75%	90%	100%	95%
Retail shops (120m2 to 1000m2) [3]	%	50%	55%	65%	75%	90%	100%	95%
Retail shops (>1000m2) [3]	%	50%	55%	65%	75%	90%	100%	95%
Hotel/Club [4]	%	30%	48%	48%	54%	92%	93%	73%
Restaurant (<120m2) [5,3]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,3]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,3]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6,3]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [3]	%	25%	40%	50%	60%	58%	30%	20%
Service station [8]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [3]	%	75%	80%	85%	40%	65%	75%	90%
Place of worship [9]	%	2%	2%	2%	5%	5%	5%	5%
Entertainment facility [3]	%	75%	80%	85%	40%	65%	75%	90%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [10]	%	75%	100%	100%	100%	100%	100%	100%
Recreational facility (gym) [11,3]	%	60%	65%	46%	43%	28%	28%	38%
Recreational facility (bowling green) [3]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%

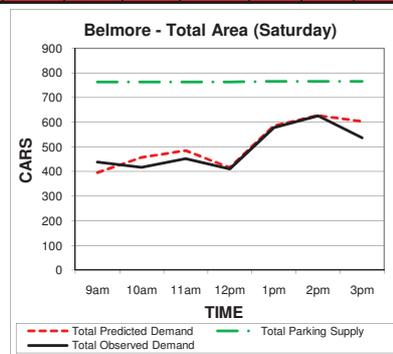
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on Weekends
- [3] Based on GTA Consultants' estimation
- [4] Based on results from Parking Demand Survey within Belmore RSL Car Park and Canterbury League Club
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants database rate for medical centre
- [8] Based on GTA Consultants' database profile for a shop or shopping centre
- [9] Based on hours of operation of the churches
- [10] Based on classes at establishment running continually from 9:30am-4:00pm on Saturdays
- [11] Based on GTA Consultants database for gym
- [12] Based on information gathered from Oasis Hotel (Campsie)

**Belmore Calibrated Model**

Use	Unit	Belmore - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	17	14	10	10	10	14	17
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	17	18	22	25	30	33	31
Retail shops (120m2 to 1000m2)	vehicles	68	75	88	102	122	136	129
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	53	86	84	95	162	164	129
Restaurant (<120m2)	vehicles	0	1	2	8	11	11	5
Restaurant (120m2 to 1000m2)	vehicles	0	4	7	25	36	34	17
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	13	11	11	2	4	9	9
Light industry	vehicles	7	11	14	17	16	8	6
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	82	87	93	44	71	82	98
Place of worship	vehicles	1	1	1	4	4	4	4
Entertainment facility	vehicles	113	120	128	60	98	113	135
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	11	14	14	14	14	14	14
Recreational facility (gym)	vehicles	14	16	11	10	7	7	9
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage		0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		395	457	485	416	585	627	603
Long Term (Professional)	90%	6	10	13	15	15	8	5
Short Term (Professional)	10%	1	1	1	2	2	1	1
Long Term (Retail)	20%	30	40	43	53	74	77	64
Short Term (Retail)	80%	121	159	172	212	294	308	256
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	17	14	10	10	10	14	17
Long Term (Other)	50%	104	110	116	55	88	103	123
Short Term (Other)	50%	104	110	116	55	88	103	123
Long Term (School)	25%	3	4	4	4	4	4	4
Short Term (School)	75%	8	11	11	11	11	11	11

Total Parking Supply	Total	763	763	763	763	765	765	765
	85% of Total	649	649	649	649	650	650	650
	Total Long Term	526	526	526	526	528	528	528
	Total Short Term	198	198	198	198	198	198	198
	All Other Spaces	39	39	39	39	39	39	39
	Total Minus Long Term	237	237	237	237	237	237	237
Total Observed Demand	Total	438	417	452	411	578	626	536
	Total Long Term	270	261	282	253	388	423	360
	Total Short Term	145	136	152	144	159	180	158
	All Other Spaces	23	20	18	14	31	23	18
	Total Minus Long Term	168	156	170	158	190	203	176
Total Predicted Demand	Total	395	457	485	416	585	627	603
	Long Term	144	163	175	127	180	191	195
	Short Term	252	294	310	290	405	436	407

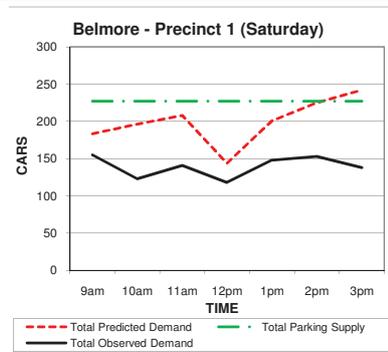


**Belmore Calibrated Model**

Use	Unit	Belmore - Precinct 1						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	9	7	5	5	5	7	9
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	6	6	7	9	10	11	11
Retail shops (120m2 to 1000m2)	vehicles	22	24	29	33	40	44	42
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	0	0	0
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	2	3	12	16	15	8
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	1	1	1	0	0	0	0
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	82	87	93	44	71	82	98
Place of worship	vehicles	1	1	1	2	2	2	2
Entertainment facility	vehicles	53	56	60	28	46	53	63
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	11	12	9	8	5	5	7
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		183	196	208	144	201	225	242
Long Term (Professional)	90%	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	8	9	10	13	15	16	14
Short Term (Retail)	80%	31	36	39	52	62	65	56
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	9	7	5	5	5	7	9
Long Term (Other)	50%	68	72	77	37	59	68	82
Short Term (Other)	50%	68	72	77	37	59	68	82
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	227	227	227	227	227	227	227
	85% of Total	193	193	193	193	193	193	193
	Total Long Term	150	150	150	150	150	150	150
	Total Short Term	70	70	70	70	70	70	70
	All Other Spaces	21	22	23	24	25	26	27
	Total Minus Long Term	77	77	77	77	77	77	77
Total Observed Demand	Total	155	123	141	118	148	153	138
	Total Long Term	92	72	82	68	85	87	84
	Total Short Term	57	45	52	45	55	60	48
	All Other Spaces	6	6	7	5	8	6	6
	Total Minus Long Term	63	51	59	50	63	66	54
Total Predicted Demand	Total	183	196	208	144	201	225	242
	Long Term	76	81	86	50	75	84	96
	Short Term	108	115	121	94	126	140	146

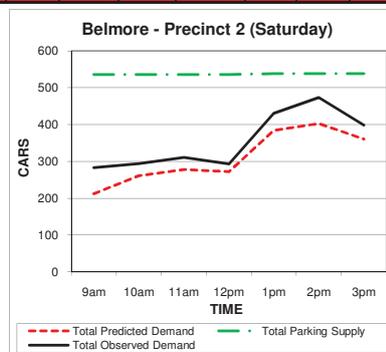


**Belmore Calibrated Model**

Use	Unit	Belmore - Precinct 2						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	8	7	5	5	5	7	8
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	11	12	14	16	20	22	21
Retail shops (120m2 to 1000m2)	vehicles	46	51	60	69	83	92	87
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	53	86	84	95	162	164	129
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	2	4	14	20	19	9
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	12	10	10	2	4	8	8
Light industry	vehicles	7	11	14	17	16	8	6
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	1	1	1	2	2	2	2
Entertainment facility	vehicles	60	64	68	32	52	60	72
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	11	14	14	14	14	14	14
Recreational facility (gym)	vehicles	3	3	2	2	1	1	2
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		212	261	278	272	384	403	361
Long Term (Professional)	90%	6	10	13	15	15	8	5
Short Term (Professional)	10%	1	1	1	2	2	1	1
Long Term (Retail)	20%	23	31	33	40	58	61	50
Short Term (Retail)	80%	90	123	133	160	233	243	201
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	8	7	5	5	5	7	8
Long Term (Other)	50%	37	38	40	18	29	35	41
Short Term (Other)	50%	37	38	40	18	29	35	41
Long Term (School)	25%	3	4	4	4	4	4	4
Short Term (School)	75%	8	11	11	11	11	11	11

Total Parking Supply	Total	536	536	536	536	538	538	538
	85% of Total	456	456	456	456	457	457	457
	Total Long Term	376	376	376	376	378	378	378
	Total Short Term	128	128	128	128	128	128	128
	All Other Spaces	489	490	491	492	493	494	495
	Total Minus Long Term	160	160	160	160	160	160	160
Total Observed Demand	Total	283	294	311	293	430	473	398
	Total Long Term	178	189	200	185	303	336	276
	Total Short Term	88	91	100	99	104	120	110
	All Other Spaces	37	34	31	9	23	17	12
	Total Minus Long Term	105	105	111	108	127	137	122
Total Predicted Demand	Total	212	261	278	272	384	403	361
	Long Term	68	82	89	77	105	107	100
	Short Term	144	179	189	195	279	296	261



**Campsie Land Use**

Use	Unit	Size		
		Total	Precinct	
			1	2
Residential dwelling (visitor)	Dwellings	806	507	299
Office (general)	sqm	26115	9367	16748
Retail shops (<120m2)	sqm	7603	2490	5113
Retail shops (120m2 to 1000m2)	sqm	21203	8036	13167
Retail shops (>1000m2)	sqm	16267	0	16267
Hotel/Club	sqm public floor area	1526	427	1100
Restaurant (<120m2)	sqm	1672	261	1411
Restaurant (120m2 to 1000m2)	sqm	3864	1781	2083
Restaurant (>1000m2)	sqm	0	0	0
Restaurant - drive-through take-away	seats	0	0	0
Child care centre	children	16	16	0
Medical centre	room	100	29	71
Light industry	sqm	513	513	0
Service station	sqm retail space	0	0	0
Community facility	sqm	2632	0	2632
Place of worship	sqm	2855	0	2855
Entertainment facility	sqm	1445	1236	209
Motel	room	13	13	0
Educational establishment	sqm	1722	733	989
Recreational facility (gym)	sqm	467	467	0
Recreational facility (Bowling Green)	bowling greens	0	0	0
Vacant	sqm	6122	2593	3529
Storage	sqm	4125	734	3391
Primary School	enrolments	0	0	0

**Campsie Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size		
		Off-Site Parking Rate	Precinct	
			1	2
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12	0.12
Office (general) [2]	sqm	0	0	0
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.015	0.015	0.015
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.025	0.025	0.025
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0.037	0.037	0.037
Hotel/Club [5]	sqm public floor area	0.08	0.08	0.08
Restaurant (<120m <sup>2</sup> ) [3]	sqm	0.01	0.01	0.01
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.013	0.013	0.013
Restaurant (>1000m <sup>2</sup> )	sqm	0	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333	0.333
Child care centre [2]	children	0	0	0
Medical centre [7]	room	2	2	2
Light industry [8]	sqm	0	0	0
Service station [9]	sqm retail space	0.05	0.05	0.05
Community facility [10]	sqm	0.0192	0.0192	0.0192
Place of worship [11]	sqm	0.066	0.066	0.066
Entertainment facility [12]	sqm	0.08	0.08	0.08
Motel [13]	room	0.07	0.07	0.07
Educational establishment [14]	sqm	0.02	0.02	0.02
Recreational facility (gym) [9]	sqm	0.075	0.075	0.075
Recreational facility (bowling green) [15]	per bowling green	26.5	26.5	26.5
Vacant	sqm	0	0	0
Storage		0	0	0
Primary School [2]	per Student	0	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on owner/employee parking on-site

[4] Based on demand for Campsie Centre/Woolworths Car Park

[5] Based on GTA Consultants database rate for nightclub

[6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[7] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[8] Based on business providing on-site parking

[9] Based on City of Canterbury DCP

[10] Based on GTA Consultants database rate for Library

[11] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[12] Based on demand for Orion Function Centre Car Park

[13] Based on information gathered from Oasis Hotel (Campsie)

[14] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[15] GTA Empirical Data

Campsie Calibrated Temporal Profiles

Use	Unit	Temporal Profile											
		Total Area											
		7:00am	8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm
Residential dwelling (visitor) [1]	%	63%	50%	63%	50%	38%	38%	38%	50%	63%	63%	54%	58%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	35%	35%	36%	60%	80%	90%	85%	70%	80%	82%	100%	76%
Retail shops (120m2 to 1000m2) [3]	%	35%	35%	36%	60%	80%	90%	85%	70%	80%	82%	100%	76%
Retail shops (>1000m2) [4]	%	52%	50%	51%	82%	90%	95%	98%	100%	94%	96%	100%	84%
Hotel/Club [5,13]	%	0%	0%	0%	0%	25%	50%	55%	40%	35%	55%	88%	90%
Restaurant (<120m2) [6,13]	%	0%	0%	0%	29%	35%	50%	47%	30%	20%	35%	70%	75%
Restaurant (120m2 to 1000m2) [6,13]	%	0%	0%	0%	29%	35%	50%	47%	30%	20%	35%	70%	75%
Restaurant (>1000m2) [6,13]	%	0%	0%	0%	5%	35%	50%	47%	30%	20%	25%	36%	50%
Restaurant - drive-through take-away [7,13]	%	10%	20%	29%	29%	35%	40%	64%	46%	49%	44%	36%	46%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	0%	100%	96.0%	81.0%	81.0%	24.0%	39.0%	67.0%	67.0%	67.0%	0.0%	0.0%
Light industry [3]	%	0%	75%	90%	100%	75%	50%	0%	0%	0%	0%	0%	0%
Service station [9]	%	5%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%	63%
Community facility [9]	%	0%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%	60%
Place of worship [10]	%	0%	0%	2%	2%	2%	5%	5%	5%	5%	2%	2%	0%
Entertainment facility [11]	%	23%	23%	26%	30%	32%	34%	37%	34%	28%	37%	50%	46%
Motel [14]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [13]	%	0%	0%	25%	100%	50%	50%	25%	80%	50%	50%	2%	0%
Recreational facility (gym) [12]	%	14%	15%	41%	34%	26%	23%	18%	18%	28%	34%	41%	26%
Recreational facility (bowling green) [13]	%	0%	0%	25%	50%	65%	85%	100%	99%	95%	90%	80%	80%
Vacant	%												
Storage	%												
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

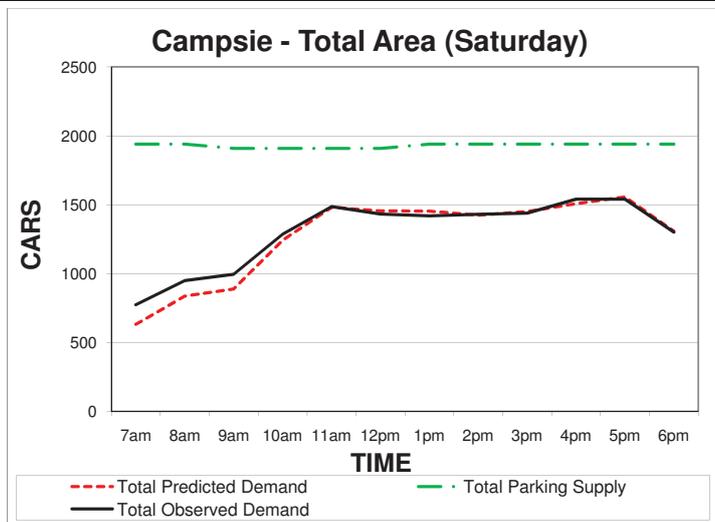
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on Weekends
- [3] Based on observed parking demand
- [4] Based on parking demand results for Campsie Centre/Woolworths Car Park
- [5] Based on GTA Consultants database for a pub / hotel / tavern
- [6] Based on GTA Consultants database profile for restaurant
- [7] Based on GTA Consultants database rate for convenience restaurant
- [8] Based on GTA Consultants database rate for medical centre and opening hour of the main centre
- [9] Based on GTA Consultants' database profile for a shop or shopping centre
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [10] Based on hours of operation of the churches
- [11] Based on Parking Demand Survey Results for Orion Function Centre Carpark
- [12] Based on GTA Consultants database for gym
- [13] Based on GTA Consultants' estimation
- [14] Based on information gathered from Oasis Hotel (Campsie)

**Campsie Calibrated Model**

Use	Unit	Campsie - Total Study Area											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	61	48	61	48	37	37	37	48	61	61	52	56
Office (general)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	40	40	41	68	91	103	97	80	91	94	114	87
Retail shops (120m2 to 1000m2)	vehicles	186	186	191	318	424	477	451	371	424	435	530	405
Retail shops (>1000m2)	vehicles	313	301	307	494	596	572	590	602	566	578	599	506
Hotel/Club	vehicles	0	0	0	0	31	61	67	49	43	67	107	110
Restaurant (<120m2)	vehicles	0	0	0	5	6	8	8	5	3	6	12	13
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	15	18	25	24	15	10	18	35	38
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	199	191	161	161	48	78	133	133	133	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	29	40	48	51	49	34	37	48	35	29	30
Place of worship	vehicles	0	0	4	4	4	9	9	9	9	9	4	0
Entertainment facility	vehicles	27	27	30	35	37	39	43	39	32	43	58	53
Motel	vehicles	1	1	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	9	34	17	17	9	28	17	17	1	0
Recreational facility (gym)	vehicles	5	5	14	12	9	8	6	6	10	12	14	9
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0	0	0

Sub Totals		632	836	888	1242	1482	1455	1453	1424	1450	1508	1556	1307
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	109	106	111	182	235	251	248	226	229	242	282	233
Short Term (Retail)	80%	435	425	443	729	939	1003	994	902	918	967	1129	933
Long Term (Residential)	100%	1	1	1	1	1	1	1	1	1	1	1	1
Short Term (Residential)	100%	61	48	61	48	37	37	37	48	61	61	52	56
Long Term (Other)	50%	13	128	132	124	126	73	82	110	112	110	45	42
Short Term (Other)	50%	13	128	132	124	126	73	82	110	112	110	45	42
Long Term (School)	25%	0	0	2	9	4	4	2	7	4	4	0	0
Short Term (School)	75%	0	0	6	26	13	13	6	21	13	13	1	0

<b>Total Parking Supply</b>	Total	1940	1940	1908	1908	1908	1908	1940	1940	1940	1940	1940	1940
	85% of Total	1649	1649	1622	1622	1622	1622	1649	1649	1649	1649	1649	1649
	Total Long Term	1285	1285	1253	1253	1253	1253	1285	1285	1285	1285	1285	1285
	Total Short Term	566	566	566	566	566	566	566	566	566	566	566	566
	All Other Spaces	89	89	89	89	89	89	89	89	89	89	89	89
	Total Minus Long Term	655	655	655	655	655	655	655	655	655	655	655	655
<b>Total Observed Demand</b>	Total	774	950	995	1287	1486	1432	1419	1431	1438	1541	1540	1301
	Total Long Term	508	587	629	829	962	924	924	939	935	1000	1003	871
	Total Short Term	247	323	317	398	449	437	429	415	437	485	469	361
	All Other Spaces	39	40	49	60	75	71	66	77	66	56	68	69
	Total Minus Long Term	266	363	366	458	524	508	495	492	503	541	537	430
<b>Total Predicted Demand</b>	Total	632	836	888	1242	1482	1455	1453	1424	1450	1508	1556	1307
	Long Term	123	235	245	315	366	329	334	343	346	357	329	276
	Short Term	509	601	642	927	1115	1126	1119	1081	1103	1151	1227	1031

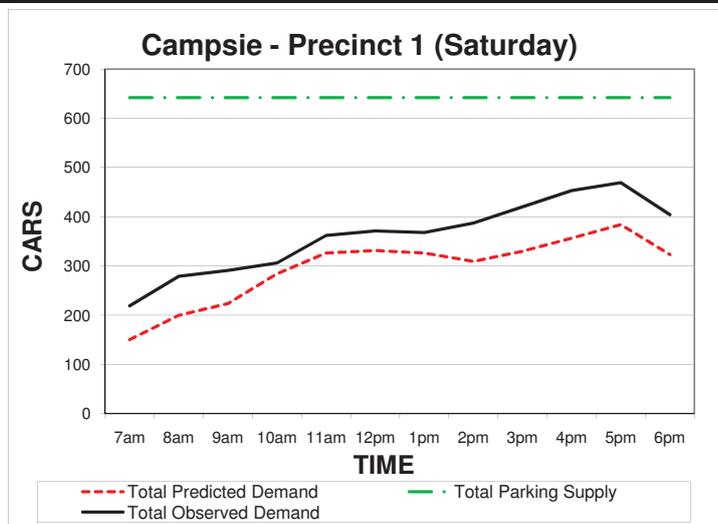


**Campsie Calibrated Model**

Use	Unit	Campsie - Precinct 1											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	38	30	38	30	23	23	23	30	38	38	33	35
Office (general)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	13	13	13	22	30	34	32	26	30	31	37	29
Retail shops (120m2 to 1000m2)	vehicles	70	70	72	121	161	181	171	141	161	165	201	153
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	9	17	19	14	12	19	30	31
Restaurant (<120m2)	vehicles	0	0	0	1	1	1	1	1	1	1	2	2
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	7	8	12	11	7	5	8	16	17
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	57	55	46	46	14	22	38	38	38	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Entertainment facility	vehicles	23	23	26	30	32	34	37	34	28	37	49	45
Motel	vehicles	1	1	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	4	15	7	7	4	12	7	7	0	0
Recreational facility (gym)	vehicles	5	5	14	12	9	8	6	6	10	12	14	9
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0	0	0

Sub Totals		150	200	223	284	326	331	326	309	330	356	384	323
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	18	18	20	32	43	50	48	39	44	47	60	48
Short Term (Retail)	80%	71	71	80	130	174	202	192	156	174	188	241	193
Long Term (Residential)	100%	1	1	1	1	1	1	1	1	1	1	1	1
Short Term (Residential)	100%	38	30	38	30	23	23	23	30	38	38	33	35
Long Term (Other)	50%	11	40	40	38	39	24	29	36	33	37	25	23
Short Term (Other)	50%	11	40	40	38	39	24	29	36	33	37	25	23
Long Term (School)	25%	0	0	1	4	2	2	1	3	2	2	0	0
Short Term (School)	75%	0	0	3	11	5	5	3	9	5	5	0	0

<b>Total Parking Supply</b>	Total	642	642	642	642	642	642	642	642	642	642	642	642
	85% of Total	546	546	546	546	546	546	546	546	546	546	546	546
	Total Long Term	377	377	377	377	377	377	377	377	377	377	377	377
	Total Short Term	221	221	221	221	221	221	221	221	221	221	221	221
	All Other Spaces	44	44	44	44	44	44	44	44	44	44	44	44
	Total Minus Long Term	265	265	265	265	265	265	265	265	265	265	265	265
<b>Total Observed Demand</b>	Total	219	279	291	306	362	371	368	387	420	453	469	404
	Total Long Term	143	168	176	166	187	184	190	191	205	234	240	214
	Total Short Term	63	87	89	113	145	152	143	155	182	191	194	153
	All Other Spaces	13	24	26	27	30	35	35	41	33	28	35	37
	Total Minus Long Term	76	111	115	140	175	187	178	196	215	219	229	190
<b>Total Predicted Demand</b>	Total	150	200	223	284	326	331	326	309	330	356	384	323
	Long Term	30	59	62	75	85	77	79	79	79	87	86	72
	Short Term	120	141	161	209	241	254	247	231	251	269	298	251

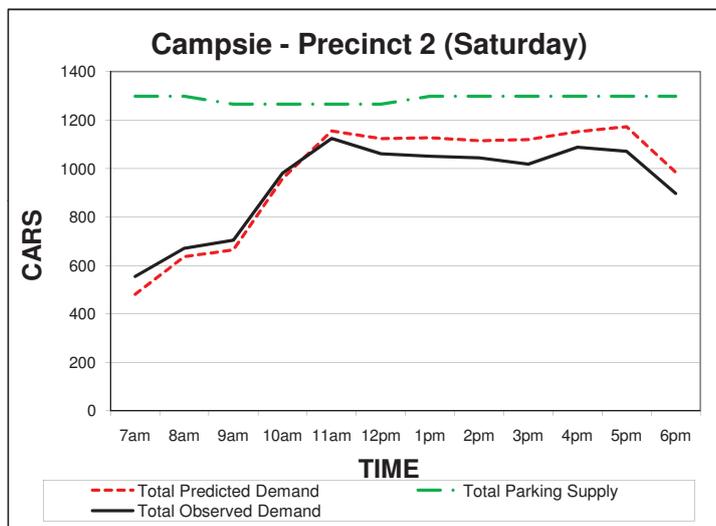


Campsie Calibrated Model

Use	Unit	Campsie - Precinct 2											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	23	18	23	18	14	14	14	18	23	23	19	21
Office (general)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	27	27	28	46	61	69	65	54	61	63	77	59
Retail shops (120m2 to 1000m2)	vehicles	115	115	119	198	263	296	280	230	263	270	329	251
Retail shops (>1000m2)	vehicles	323	301	307	494	596	572	590	602	566	578	599	506
Hotel/Club	vehicles	0	0	0	0	22	44	48	35	31	48	77	79
Restaurant (<120m2)	vehicles	0	0	0	4	5	7	7	4	3	5	10	11
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	8	9	14	13	8	5	9	19	20
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	142	136	115	115	34	55	95	95	95	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	29	40	48	51	49	34	37	48	35	29	30
Place of worship	vehicles	0	0	4	4	4	9	9	9	9	9	4	0
Entertainment facility	vehicles	4	4	4	5	5	6	6	6	5	6	8	8
Motel	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	5	20	10	10	5	16	10	10	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0	0	0

Sub Totals		481	636	665	958	1155	1123	1127	1115	1120	1152	1172	984
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	91	89	91	150	191	200	201	187	186	195	222	185
Short Term (Retail)	80%	364	354	362	599	766	801	802	747	744	779	889	741
Long Term (Residential)	100%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Residential)	100%	23	18	23	18	14	14	14	18	23	23	19	21
Long Term (Other)	50%	2	88	92	86	87	49	53	74	79	73	21	19
Short Term (Other)	50%	2	88	92	86	87	49	53	74	79	73	21	19
Long Term (School)	25%	0	0	1	5	2	2	1	4	2	2	0	0
Short Term (School)	75%	0	0	4	15	7	7	4	12	7	7	0	0

Total Parking Supply	Total	1298	1298	1266	1266	1266	1266	1298	1298	1298	1298	1298	1298
	85% of Total	1103	1103	1076	1076	1076	1076	1103	1103	1103	1103	1103	1103
	Total Long Term	908	908	876	876	876	876	908	908	908	908	908	908
	Total Short Term	345	345	345	345	345	345	345	345	345	345	345	345
	All Other Spaces	45	45	45	45	45	45	45	45	45	45	45	45
	Total Minus Long Term	390	390	390	390	390	390	390	390	390	390	390	390
Total Observed Demand	Total	555	671	704	981	1124	1061	1051	1044	1018	1088	1071	897
	Total Long Term	365	419	453	663	775	740	734	748	730	766	763	657
	Total Short Term	184	235	228	285	304	285	286	260	255	294	275	208
	All Other Spaces	6	16	23	33	45	36	31	36	33	28	33	32
	Total Minus Long Term	190	252	251	318	349	321	317	296	288	322	308	240
Total Predicted Demand	Total	481	636	665	958	1155	1123	1127	1115	1120	1152	1172	984
	Long Term	93	176	184	241	281	252	254	265	267	270	243	204
	Short Term	389	460	481	718	874	871	872	850	852	882	929	780



**Canterbury Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	179	179
Office (general)	sqm	3866	3866
Retail shops (<120m2)	sqm	908	908
Retail shops (120m2 to 1000m2)	sqm	4400	4400
Retail shops (>1000m2)	sqm	6619	6619
Hotel/Club	sqm public floor area	691	691
Restaurant (<120m2)	sqm	444	444
Restaurant (120m2 to 1000m2)	sqm	0	0
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	5	5
Light industry	sqm	17341	17341
Service station	sqm retail space	0	0
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	0	0
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	110	110
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	2397	2397
Storage	sqm	3317	3317
Primary School	enrolments	0	0

**Canterbury Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.01	0.01
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.012	0.012
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0.014	0.014
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m <sup>2</sup> ) [6]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [6]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [6]	sqm	0	0
Restaurant - drive-through take-away [7]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [8]	room	2	2
Light industry [3]	sqm	0.0025	0.0025
Service station [6]	sqm retail space	0.05	0.05
Community facility [9]	sqm	0.1	0.1
Place of worship [10]	sqm	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1
Motel [8]	room	1	1
Educational establishment [11]	sqm	0.02	0.02
Recreational facility (gym) [6]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [2]	per Student	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on Businesses having on-site parking

[4] Changed to match observed demand of Aldi Car Park

[5] Based on GTA Consultants database rate for nightclub

[6] Based on City of Canterbury DCP

[7] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[8] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[11] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[12] Based on GTA Consultants Database

**Canterbury Calibrated Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (120m2 to 1000m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (>1000m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Hotel/Club [4]	%	0%	0%	18%	50%	50%	40%	50%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [7]	%	95%	100%	95%	90%	85%	80%	60%
Service station [9]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [10]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [10]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [10]	%	78%	94%	100%	97%	68%	74%	96%
Motel [11]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [7]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [10]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [7]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%

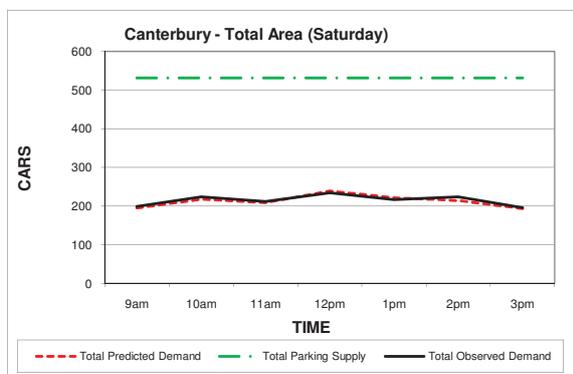
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekend
- [3] Based on parking demand on Aldi Car Park and Charles Street
- [4] Based on GTA Consultants database for a pub / hotel / tavern
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on GTA Consultants' database profile for a shop or shopping centre
- [10] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [11] Based on information gathered from Oasis Hotel (Campsie)

Canterbury Calibrated Model

Use	Unit	Canterbury - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	14	11	8	8	8	11	14
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	8	9	8	9	8	8	7
Retail shops (120m2 to 1000m2)	vehicles	44	52	48	53	48	46	40
Retail shops (>1000m2)	vehicles	77	92	83	93	83	81	69
Hotel/Club	vehicles	0	0	10	28	28	22	28
Restaurant (<120m2)	vehicles	0	1	1	6	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	9	7	7	1	3	6	6
Light industry	vehicles	41	43	41	39	37	35	26
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	3	3	2	2	1	1	2
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage		0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		195	218	209	239	222	214	194
Long Term (Professional)	90%	37	39	37	35	33	31	23
Short Term (Professional)	10%	4	4	4	4	4	3	3
Long Term (Retail)	20%	26	31	30	38	35	33	30
Short Term (Retail)	80%	106	125	122	152	139	131	119
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	14	11	8	8	8	11	14
Long Term (Other)	50%	4	4	4	1	1	3	3
Short Term (Other)	50%	4	4	4	1	1	3	3
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	531	531	531	531	531	531	531
	85% of Total	453	453	453	453	453	453	453
	Total Long Term	423	423	423	423	423	423	423
	Total Short Term	53	53	53	53	53	53	53
	All Other Spaces	55	55	55	55	55	55	55
	Total Minus Long Term	108	108	108	108	108	108	108
Total Observed Demand	Total	199	224	212	234	217	224	196
	Total Long Term	167	191	175	192	177	179	160
	Total Short Term	32	33	37	42	40	45	46
	All Other Spaces	0	0	0	1	0	0	0
	Total Minus Long Term	32	33	37	42	40	45	46
Total Predicted Demand	Total	195	218	209	239	222	214	194
	Long Term	68	74	73	74	69	67	56
	Short Term	127	144	138	165	152	148	138



Croydon Park Land Use

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	75	75
Office (general)	sqm	1533	1533
Retail shops (<120m2)	sqm	1624	1624
Retail shops (120m2 to 1000m2)	sqm	1793	1793
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	350	350
Restaurant (<120m2)	sqm	266	266
Restaurant (120m2 to 1000m2)	sqm	987	987
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	140	140
Child care centre	children	24	24
Medical centre	room	3	3
Light industry	sqm	8899	8899
Service station	sqm retail space	225	225
Community facility	sqm	0	0
Place of worship	sqm	855	855
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	125	125
Storage	sqm	78	78
Primary School	enrolments	0	0

**Croydon Park Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m2) [3]	sqm	0.014	0.014
Retail shops (120m2 to 1000m2) [3]	sqm	0.027	0.027
Retail shops (>1000m2) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [3]	sqm	0.014	0.014
Restaurant (120m2 to 1000m2) [3]	sqm	0.021	0.021
Restaurant (>1000m2)	sqm		0
Restaurant - drive-through take-away [6]	seats	0.15	0.15
Child care centre [2]	children	0	0
Medical centre [7]	room	2	2
Light industry [3]	sqm	0.003	0.003
Service station [8]	sqm retail space	0.017	0.017
Community facility [9]	sqm	0.1	0.1
Place of worship [10]	sqm	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1
Motel [11]	room	0.07	0.07
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (bowling green) [13]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [2]	per Student	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on Weekends

[3] Based on owners/employees using on-site parking

[4] Based on City of Canterbury DCP

[5] Based on GTA database for nightclubs

[6] Based on parking demand for McDonalds car park

[7] City of Canterbury DCP rate, assuming 100m2 per room

[8] Based on parking demand at BP Petrol Station

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[11] Based on information gathered from Oasis Hotel (Campsie)

[12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

[13] GTA Empirical Data

**Croydon Park Calibrated Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	83%	85%	88%	100%	93%	89%	97%
Retail shops (120m2 to 1000m2) [3]	%	83%	85%	88%	100%	93%	89%	97%
Retail shops (>1000m2) [3]	%	83%	85%	88%	100%	93%	89%	97%
Hotel/Club [4,7]	%	2%	22%	26%	43%	70%	74%	50%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6]	%	77%	91%	64%	86%	68%	100%	77%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [7]	%	65%	70%	65%	60%	55%	50%	40%
Service station [9]	%	84%	100%	100%	84%	93%	84%	84%
Community facility [10]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [11]	%	2%	2%	2%	5%	5%	5%	5%
Entertainment facility [10]	%	78%	94%	100%	97%	68%	74%	96%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [7]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [7]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%

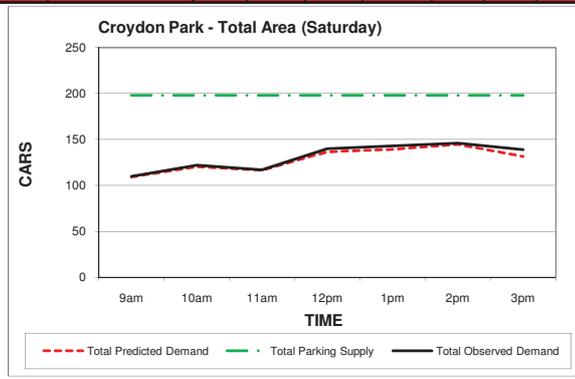
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekend
- [3] Based on parking demand for Council Car Park
- [4] Based on parking demand for Bistro
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on parking demand for McDonalds Car Park
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on parking demand at BP Petrol Station
- [10] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [11] Based on hours of operation of the churches
- [12] Based on information gathered from Oasis Hotel (Campsie)

**Croydon Park Calibrated Model**

Use	Unit	Croydon Park - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	6	4	3	3	3	4	6
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	19	19	20	23	21	20	22
Retail shops (120m2 to 1000m2)	vehicles	40	41	43	48	45	43	47
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	1	6	7	12	20	21	14
Restaurant (<120m2)	vehicles	0	0	0	1	2	2	1
Restaurant (120m2 to 1000m2)	vehicles	0	1	2	7	10	10	5
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through	vehicles	16	19	13	18	14	21	16
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	6	5	5	1	2	4	4
Light industry	vehicles	17	19	17	16	15	13	11
Service station	vehicles	3	4	4	3	4	3	3
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	1	1	1	3	3	3	3
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		109	120	117	137	139	145	132
Long Term (Professional)	90%	16	17	16	14	13	12	10
Short Term (Professional)	10%	2	2	2	2	1	1	1
Long Term (Retail)	20%	16	18	18	23	23	24	22
Short Term (Retail)	80%	63	73	72	90	93	96	86
Long Term (Residential)	100%	1	1	1	1	1	1	1
Short Term (Residential)	100%	6	4	3	3	3	4	6
Long Term (Other)	50%	3	3	3	2	2	3	3
Short Term (Other)	50%	3	3	3	2	2	3	3
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	198	198	198	198	198	198	198
	85% of Total	168	168	168	168	168	168	168
	Total Long Term	122	122	122	122	122	122	122
	Total Short Term	76	76	76	76	76	76	76
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	76	76	76	76	76	76	76
Total Observed Demand	Total	110	122	117	140	143	146	139
	Total Long Term	62	67	70	80	88	88	82
	Total Short Term	48	55	47	60	55	58	57
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	48	55	47	60	55	58	57
Total Predicted Demand	Total	109	120	117	137	139	145	132
	Long Term	35	38	37	39	39	40	35
	Short Term	74	82	80	97	100	105	97



**Earlwood Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	98	98
Office (general)	sqm	8528	8528
Retail shops (<120m2)	sqm	2759	2759
Retail shops (120m2 to 1000m2)	sqm	13822	13822
Retail shops (>1000m2)	sqm	2070	2070
Hotel/Club	sqm public floor area	975	975
Restaurant (<120m2)	sqm	462	462
Restaurant (120m2 to 1000m2)	sqm	2185	2185
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	65	65
Child care centre	children	0	0
Medical centre	room	39	39
Light industry	sqm	0	0
Service station	sqm retail space	531	531
Community facility	sqm	1185	1185
Place of worship	sqm	2375	2375
Entertainment facility	sqm	792	792
Motel	room	0	0
Educational establishment	sqm	632	632
Recreational facility (gym)	sqm	331	331
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	719	719
Storage	sqm	0	0
Primary School	enrolments	351	351

**Earlwood Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.01	0.01
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.018	0.018
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0.03	0.03
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m <sup>2</sup> ) [6]	sqm	0.02	0.02
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [6]	sqm	0.03	0.03
Restaurant (>1000m <sup>2</sup> )	sqm		0
Restaurant - drive-through take-away [4]	seats	0.17	0.17
Child care centre [2]	children	0	0
Medical centre [7]	room	1	1
Light industry [6]	sqm	0.01	0.01
Service station [8]	sqm retail space	0	0
Community facility [9]	sqm	0.0192	0.0192
Place of worship [10]	sqm	0.01	0.01
Entertainment facility [6]	sqm	0.1	0.1
Motel [11]	room	1	1
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [6]	sqm	0.075	0.075
Recreational facility (bowling green) [13]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [2]	per Student	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Changed to match observed demand

[4] Based on results from Parking Survey

[5] Based on GTA Consultants database rate for nightclub

[6] Based on City of Canterbury DCP

[7] Based on on-site parking of 1 space per practitioner and 1 space per patient off-site

[8] Based on demand all on-site

[9] Based on GTA Consultant database

[10] Based on part of demand catered on-site

[11] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room

[12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[13] GTA Empirical Data

[14] Parking is all on-site

**Earlwood Calibrated Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	80%	100%	80%	55%	45%	50%	60%
Retail shops (120m2 to 1000m2) [3]	%	80%	100%	80%	55%	45%	50%	60%
Retail shops (>1000m2) [4]	%	63%	100%	99%	97%	99%	80%	85%
Hotel/Club [5]	%	0%	0%	18%	50%	50%	40%	50%
Restaurant (<120m2) [5]	%	0%	5%	20%	50%	40%	35%	30%
Restaurant (120m2 to 1000m2) [5]	%	0%	5%	20%	50%	40%	35%	30%
Restaurant (>1000m2) [5]	%	0%	5%	20%	50%	40%	35%	30%
Restaurant - drive-through take-away [6]	%	29%	30%	60%	100%	90%	80%	65%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	86.0%	80.0%	20.0%	14.0%	10.0%	0.0%
Light industry [5]	%	25%	40%	50%	60%	58%	30%	20%
Service station [5]	%	60%	100%	85%	70%	60%	50%	40%
Community facility [8]	%	0%	20%	100%	55%	50%	30%	30%
Place of worship [9]	%	2%	2%	2%	5%	5%	5%	5%
Entertainment facility [10]	%	0%	0%	0%	5%	10%	15%	20%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [5]	%	25%	100%	35%	25%	70%	50%	40%
Recreational facility (gym) [5,11]	%	60%	65%	46%	43%	28%	28%	38%
Recreational facility (bowling green) [5]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%

[1] Based on GTA Consultants database profile for Dwellings

[2] Assumed not open on Weekends

[3] Based on results from Parking Demand Survey within the 3P off-street car park

[4] Based on results from Parking Demand Survey within the Coles Carpark, Fruit Shop and Public Parking

[5] Based on GTA Consultants' estimation

[6] Based on results from Parking Demand Survey within the KFC car park

[7] Based on GTA Consultants database rate for medical centre

[8] Based on GTA Consultants database for Library

[9] Based on hours of operation of the churches

[10] Based on likely use of the business types

[11] Based on GTA Consultants database for gym

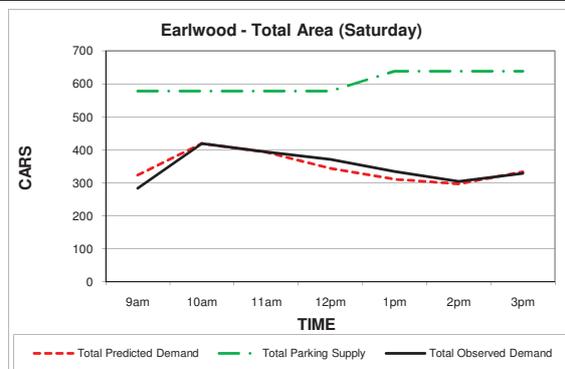
[12] Based on information gathered from Oasis Hotel (Campsie)

**Earlwood Calibrated Model**

Use	Unit	Earlwood - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	7	6	4	4	4	6	7
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	22	28	22	15	12	14	17
Retail shops (120m2 to 1000m2)	vehicles	199	249	199	137	112	124	149
Retail shops (>1000m2)	vehicles	39	62	61	60	62	50	53
Hotel/Club	vehicles	0	0	14	39	39	31	39
Restaurant (<120m2)	vehicles	0	0	2	5	4	3	3
Restaurant (120m2 to 1000m2)	vehicles	0	3	13	33	26	23	20
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	3	3	7	11	10	9	7
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	33	33	31	8	5	4	0
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	5	23	13	11	7	7
Place of worship	vehicles	0	0	0	1	1	1	1
Entertainment facility	vehicles	0	0	0	4	8	12	16
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	3	13	4	3	9	6	5
Recreational facility (gym)	vehicles	15	16	11	11	7	7	9
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		323	419	393	343	311	297	333
Long Term (Professional)	90%	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	56	72	66	62	54	52	59
Short Term (Retail)	80%	223	289	264	248	217	209	237
Long Term (Residential)	100%	0	0	0	0	0	0	0
Short Term (Residential)	100%	7	6	4	4	4	6	7
Long Term (Other)	50%	17	19	27	13	13	12	12
Short Term (Other)	50%	17	19	27	13	13	12	12
Long Term (School)	25%	1	3	1	1	2	2	1
Short Term (School)	75%	2	9	3	2	7	5	4

<b>Total Parking Supply</b>	Total	578	578	578	578	638	638	638
	85% of Total	491	491	491	491	542	542	542
	Total Long Term	331	331	331	331	391	391	391
	Total Short Term	185	185	185	185	185	185	185
	All Other Spaces	62	62	62	62	62	62	62
	Total Minus Long Term	247	247	247	247	247	247	247
<b>Total Observed Demand</b>	Total	284	419	394	371	334	304	329
	Total Long Term	171	271	253	266	233	193	213
	Total Short Term	107	135	132	100	95	98	112
	All Other Spaces	6	13	9	5	6	13	4
	Total Minus Long Term	113	148	141	105	101	111	116
<b>Total Predicted Demand</b>	Total	323	419	393	343	311	297	333
	Long Term	73	95	94	76	70	66	73
	Short Term	249	324	299	268	241	231	260



**Hurlstone Park Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	169	169
Office (general)	sqm	1621	1621
Retail shops (<120m2)	sqm	1030	1030
Retail shops (120m2 to 1000m2)	sqm	1625	1625
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	0	0
Restaurant (<120m2)	sqm	100	100
Restaurant (120m2 to 1000m2)	sqm	0	0
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	5	5
Light industry	sqm	0	0
Service station	sqm retail space	0	0
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	0	0
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	2	2
Vacant	sqm	1205	1205
Residential dwelling	Dwellings	169	169
Primary School	enrolments	0	0

**Hurlstone Park Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.06	0.06
Office (general) [2]	sqm	0.016	0.016
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.016	0.016
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.021	0.021
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m <sup>2</sup> ) [4]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [4]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [4]	sqm		0
Restaurant - drive-through take-away [6]	seats	0.333	0.333
Child care centre [7]	children	0.2	0.2
Medical centre [8]	room	2	2
Light industry [4]	sqm	0.01	0.01
Service station [4]	sqm retail space	0.05	0.05
Community facility [9]	sqm	0.1	0.1
Place of worship [10]	sqm	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1
Motel [11]	room	1	1
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (bowling green) [13]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Residential dwelling [14]	Dwellings	0.28	0.28
Primary School [13]	per student	0.2	0.2

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Based on number/type of offices and close proximity of railway station
- [3] Based on parking demand of short-term parking
- [4] Based on City of Canterbury DCP
- [5] Based on GTA Database for a nightclub
- [6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [7] City of Canterbury DCP rate, assuming 10m<sup>2</sup> per child
- [8] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room
- [9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>
- [11] Based on City of Canterbury DCP rate, assuming 50m<sup>2</sup> per room
- [12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff
- [13] GTA Empirical Data
- [14] Based on parking demand for unrestricted parking against number of dwellings

**Hurlstone Park Calibrated Temporal Profiles**

Use	Unit	Temporary Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Office (general) [2]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Retail shops (<120m2) [3,11]	%	55%	73%	86%	100%	70%	62%	73%	62%	90%	86%
Retail shops (120m2 to 1000m2) [3,11]	%	55%	73%	86%	100%	70%	62%	73%	62%	90%	86%
Hotel/Club [4]	%	0%	0%	0%	5%	3%	18%	14%	14%	47%	77%
Restaurant (<120m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (120m2 to 1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (>1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant - drive-through take-away [6]	%	29%	29%	29%	29%	29%	64%	46%	49%	44%	36%
Child care centre [7]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Medical centre [8]	%	50%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	80.0%
Light industry [9]	%	57%	85%	91%	90%	100%	98%	97%	97%	97%	60%
Service station [10]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Community facility [11]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Place of worship [11]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Entertainment facility [11]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Motel [14]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [11]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Recreational facility (gym) [12]	%	51%	77%	97%	51%	41%	41%	44%	40%	62%	55%
Recreational facility (bowling green) [11]	%	0%	0%	0%	0%	2%	2%	2%	2%	5%	7%
Vacant	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Residential dwelling [13]	%	85%	86%	88%	100%	99%	92%	90%	82%	77%	84%
Primary School [11]	%	45%	60%	35%	15%	15%	15%	45%	100%	45%	15%

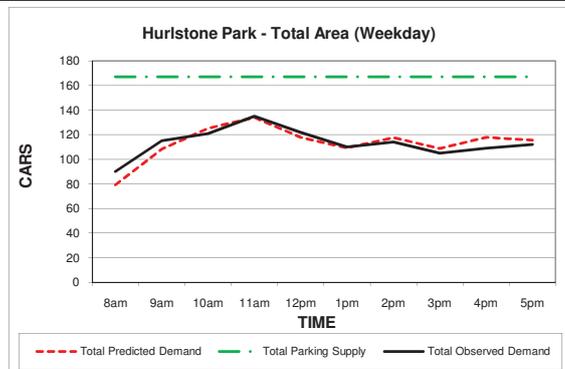
- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on parking demand survey for short-term parking supply
- [4] Based on GTA Consultants database for a pub / hotel / tavern
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants database (staff attendance based on office land use)
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [10] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [11] Based on GTA Consultants' estimation
- [12] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010
- [13] Based on parking demand survey for unrestricted parking supply
- [14] Based on information gathered from Oasis Hotel (Campsie)

**Hurlstone Park Calibrated Model**

Use	Unit	Hurlstone Park - Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	5	3	0	3	3	3	0	3
Office (general)	vehicles	7	23	26	26	25	23	25	25	25	18
Retail shops (<120m2)	vehicles	9	12	14	16	12	10	12	10	15	14
Retail shops (120m2 to 1000m2)	vehicles	19	25	30	34	24	21	25	21	31	30
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant (<120m2)	vehicles	0	0	0	0	1	1	1	1	1	0
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	5	8	9	7	9	6	8	9	7	7
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0	0	0	0
Motel	vehicles	0	0	0	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	0	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0	0	0	0
Recreational facility (bowling)	vehicles	0	0	0	0	1	1	1	1	3	4
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0
Residential dwelling	vehicles	40	41	42	47	47	43	42	39	36	40
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0

Sub Totals		79	108	125	134	118	109	118	109	118	115
Long Term (Professional)	90%	6	20	23	23	23	21	23	23	23	16
Short Term (Professional)	10%	1	2	3	3	3	2	3	3	3	2
Long Term (Retail)	20%	6	7	9	10	7	7	8	7	10	10
Short Term (Retail)	80%	22	30	35	41	30	27	31	27	39	39
Long Term (Residential)	100%	40	41	42	47	47	43	42	39	36	40
Short Term (Residential)	100%	0	0	0	0	0	0	0	0	0	0
Long Term (Other)	50%	2	4	4	4	4	3	4	5	4	4
Short Term (Other)	50%	2	4	4	4	4	3	4	5	4	4
Long Term (School)	25%	0	0	0	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0	0	0	0

Total Parking Supply	Total	167	167	167	167	167	167	167	167	167	167
	85% of Total	142	142	142	142	142	142	142	142	142	142
	Total Long Term	114	114	114	114	114	114	114	114	114	114
	Total Short Term	52	52	52	52	52	52	52	52	52	52
	All Other Spaces	1	1	1	1	1	1	1	1	1	1
	Total Minus Long Term	53	53	53	53	53	53	53	53	53	53
Total Observed Demand	Total	90	115	121	135	122	110	114	105	109	112
	Total Long Term	70	88	90	97	95	87	88	82	75	79
	Total Short Term	20	26	31	37	27	23	25	23	34	32
	All Other Spaces	0	1	0	1	0	0	1	0	0	1
	Total Minus Long Term	20	27	31	38	27	23	26	23	34	33
Total Predicted Demand	Total	79	108	125	134	118	109	118	109	118	115
	Long Term	54	72	78	84	81	74	77	73	73	69
	Short Term	25	36	47	50	37	35	40	36	45	47



**Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	771	771
Office (general)	sqm	16928	16928
Retail shops (<120m2)	sqm	5100	5100
Retail shops (120m2 to 1000m2)	sqm	13426	13426
Retail shops (>1000m2)	sqm	2712	2712
Hotel/Club	sqm public floor area	3572	3572
Restaurant (<120m2)	sqm	569	569
Restaurant (120m2 to 1000m2)	sqm	2522	2522
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	68	68
Medical centre	room	46	46
Light industry	sqm	1776	1776
Service station	sqm retail space	124	124
Community facility	sqm	4527	4527
Place of worship	sqm	2166	2166
Entertainment facility	sqm	0	0
Motel	room	11	11
Educational establishment	sqm	703	703
Recreational facility (gym)	sqm	466	466
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	1554	1554
Storage	sqm	0	0
Primary School	enrolments	1025	1025

**Lakemba Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.06	0.06
Office (general) [2]	sqm	0.013	0.013
Retail shops (<120m2) [3]	sqm	0.015	0.015
Retail shops (120m2 to 1000m2) [3]	sqm	0.018	0.018
Retail shops (>1000m2) [4]	sqm	0.016	0.016
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [6]	sqm	0.014	0.014
Restaurant (120m2 to 1000m2) [6]	sqm	0.02	0.02
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away [7]	seats	0.333	0.333
Child care centre [8]	children	0.2	0.2
Medical centre [9]	room	2	2
Light industry [10]	sqm	0.01	0.01
Service station [10]	sqm retail space	0.05	0.05
Community facility [11]	sqm	0.025	0.025
Place of worship [12]	sqm	0.066	0.066
Entertainment facility [11]	sqm	0.1	0.1
Motel [13]	room	0.07	0.07
Educational establishment [14]	sqm	0.02	0.02
Recreational facility (gym) [15]	sqm	0.055	0.055
Recreational facility (bowling green) [16]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [17]	per Student	0.07	0.07

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Based on number of offices, estimated on-site parking and close proximity of railway station
- [3] Based on parking demand for short-term parking
- [4] Based on parking demand for Aldi Car Park
- [5] Based on GTA Consultants database rate for nightclubs
- [6] Based on estimated on-site parking and likely customers being local employees
- [7] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [8] City of Canterbury DCP rate, assuming 5 children per staff and 10m2 per child
- [9] City of Canterbury DCP rate, assuming 100m2 per room
- [10] Based on City of Canterbury DCP
- [11] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [12] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [13] Based on information gathered from Oasis Hotel (Campsie)
- [14] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [15] Based on estimation of type of use
- [16] GTA Empirical Data
- [17] Based on only one street surrounding school was surveyed'

Lakemba Calibrated Temporal Profiles

Use	Unit	Temporal Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Office (general) [2,3]	%	26%	87%	99%	100%	97%	95%	97%	87%	82%	57%
Retail shops (<120m2) [4,3]	%	15%	42%	54%	78%	87%	100%	83%	70%	65%	50%
Retail shops (120m2 to 1000m2) [4,3]	%	15%	42%	54%	78%	87%	100%	83%	70%	65%	50%
Retail shops (>1000m2) [5]	%	10%	69%	72%	100%	81%	86%	47%	58%	64%	56%
Hotel/Club [6,3]	%	0%	0%	0%	5%	3%	18%	14%	10%	47%	77%
Restaurant (<120m2) [7,3]	%	10%	15%	29%	29%	45%	50%	47%	23%	5%	15%
Restaurant (120m2 to 1000m2) [7,3]	%	0%	0%	5%	10%	24%	50%	47%	23%	5%	15%
Restaurant (>1000m2) [7,3]	%	0%	0%	5%	10%	24%	50%	47%	23%	5%	15%
Restaurant - drive-through take-away [8]	%	29%	29%	29%	29%	29%	64%	46%	49%	44%	36%
Child care centre [9,3]	%	26%	87%	99%	100%	97%	90%	97%	97%	70%	50%
Medical centre [10]	%	75%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	50.0%
Light industry [11]	%	57%	85%	91%	90%	100%	98%	97%	97%	97%	60%
Service station [12]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Community facility [13]	%	58%	78%	94%	100%	97%	68%	74%	85%	70%	58%
Place of worship [14]	%	0%	2%	2%	2%	5%	5%	5%	5%	1%	1%
Entertainment facility [13]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Motel [16]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [3]	%	26%	50%	75%	100%	95%	90%	85%	70%	55%	40%
Recreational facility (gym) [15]	%	51%	77%	97%	51%	41%	41%	44%	40%	42%	45%
Recreational facility (bowling green) [3]	%	0%	25%	50%	65%	85%	100%	99%	95%	90%	80%
Vacant	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Storage	%										
Primary School [3]	%	50%	60%	35%	15%	15%	15%	35%	100%	20%	5%

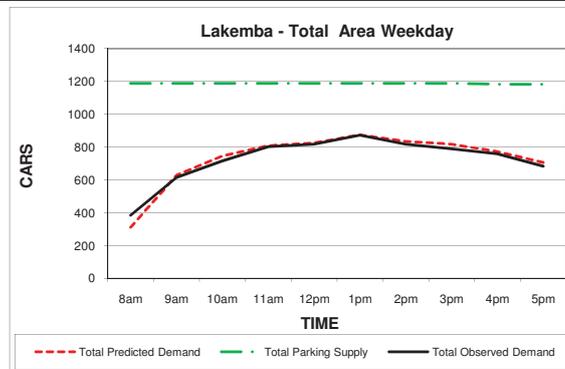
- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on GTA Consultants' estimation
- [4] Based on parking demand for off-street short term parking
- [5] Based on parking demand for Aldi Car Park
- [6] Based on GTA Consultants database for a pub / hotel / tavern
- [7] Based on GTA Consultants database profile for restaurant
- [8] Based on GTA Consultants database rate for convenience restaurant
- [9] Based on GTA Consultants database (staff attendance based on office land use)
- [10] Based on GTA Consultants database rate for medical centre
- [11] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [12] Based on GTA Consultants' database profile for a shop or shopping centre
- [13] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [14] Based on Churches service days
- [15] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010
- [16] Based on information gathered from Oasis Hotel (Campsie)

**Lakemba Calibrated Model**

Use	Unit	Lakemba - Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	23	12	0	12	12	12	0	12
Office (general)	vehicles	56	191	219	220	213	209	215	191	180	125
Retail shops (<120m2)	vehicles	11	32	41	60	67	76	64	54	50	38
Retail shops (120m2 to 1000)	vehicles	36	101	131	188	210	242	201	169	157	121
Retail shops (>1000m2)	vehicles	4	30	31	43	35	37	20	25	28	24
Hotel/Club	vehicles	0	0	0	13	9	52	39	29	133	220
Restaurant (<120m2)	vehicles	1	1	2	2	4	4	4	2	0	1
Restaurant (120m2 to 1000)	vehicles	0	0	3	5	12	25	24	12	3	7
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	3	12	14	14	13	12	13	13	10	7
Medical centre	vehicles	69	83	89	75	87	63	80	92	75	46
Light industry	vehicles	10	15	16	16	18	17	17	17	17	11
Service station	vehicles	1	2	5	6	6	6	6	6	5	5
Community facility	vehicles	66	89	107	113	110	77	84	96	79	66
Place of worship	vehicles	0	3	3	3	7	7	7	7	1	1
Entertainment facility	vehicles	0	0	0	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	4	7	11	14	13	13	12	10	8	6
Recreational facility (gym)	vehicles	13	20	25	13	10	10	11	10	11	12
Recreational facility (bowling)	vehicles	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	36	43	25	11	11	11	25	72	14	4

Sub Totals		312	630	745	808	826	875	835	817	772	706
Long Term (Professional)	90%	63	196	224	225	220	215	221	200	187	129
Short Term (Professional)	10%	7	22	25	25	24	24	25	22	21	14
Long Term (Retail)	20%	13	37	48	66	70	91	74	61	77	86
Short Term (Retail)	80%	53	149	190	264	282	363	295	245	310	343
Long Term (Residential)	100%	1	1	1	1	1	1	1	1	1	1
Short Term (Residential)	100%	0	0	23	12	0	12	12	12	0	12
Long Term (Other)	50%	67	87	99	95	102	73	86	98	77	57
Short Term (Other)	50%	67	87	99	95	102	73	86	98	77	57
Long Term (School)	25%	10	13	9	6	6	6	9	20	6	2
Short Term (School)	75%	30	38	27	19	18	18	28	61	17	7

Total Parking Supply	Total	1189	1189	1189	1189	1189	1189	1189	1189	1183	1183
	85% of Total	1011	1011	1011	1011	1011	1011	1011	1011	1006	1006
	Total Long Term	716	716	716	716	716	716	716	716	710	710
	Total Short Term	398	398	398	398	398	398	398	398	398	398
	All Other Spaces	75	75	75	75	75	75	75	75	75	75
	Total Minus Long Term	473	473	473	473	473	473	473	473	473	473
Total Observed Demand	Total	385	615	716	802	818	872	818	789	759	683
	Total Long Term	248	364	418	454	458	485	466	440	407	348
	Total Short Term	132	238	285	322	336	370	347	330	333	313
	All Other Spaces	5	13	13	26	23	37	35	19	19	22
	Total Minus Long Term	137	251	298	348	359	387	362	349	352	335
Total Predicted Demand	Total	312	630	745	808	826	875	835	817	772	706
	Long Term	154	334	381	393	399	386	390	380	348	274
	Short Term	157	295	365	435	427	489	445	437	424	432



**Nawee Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	25	25
Office (general)	sqm	763	763
Retail shops (<120m2)	sqm	1813	1813
Retail shops (120m2 to 1000m2)	sqm	1604	1604
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	373	373
Restaurant (<120m2)	sqm	356	356
Restaurant (120m2 to 1000m2)	sqm	451	451
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	6	6
Light industry	sqm	100	100
Service station	sqm retail space	323	323
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	12	12
Educational establishment	sqm	85	85
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	964	964
Storage	sqm	0	0
Primary School	enrolments	0	0

**Nawee Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m2) [3]	sqm	0.015	0.015
Retail shops (120m2 to 1000m2) [3]	sqm	0.024	0.024
Retail shops (>1000m2) [4]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.16	0.16
Restaurant (<120m2) [4]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [4]	sqm	0.033	0.033
Restaurant (>1000m2) [4]	sqm		0
Restaurant - drive-through take-away [5]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [6]	room	1.5	1.5
Light industry [4]	sqm	0.01	0.01
Service station [4]	sqm retail space	0	0
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	0.07	0.07
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	
Recreational facility (bowling green) [11]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [4]	per Student	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed closed on weekends

[3] Based on parking demand in study area excluding Narwee Hotel

[4] Based on City of Canterbury DCP

[5] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[6] City of Canterbury DCP rate, assuming 100m2 per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[9] Based on information gathered from Oasis Hotel (Campsie)

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

[11] GTA Empirical Data

**Narwee Calibrated Temporal Profiles**

Use	Unit	Temporal Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	72%	76%	90%	83%	100%	60%	80%
Retail shops (120m2 to 1000m2) [3]	%	72%	76%	90%	83%	100%	60%	80%
Retail shops (>1000m2) [4]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [5]	%	5%	12%	22%	29%	60%	84%	92%
Restaurant (<120m2) [6,8]	%	0%	5%	10%	35%	50%	40%	23%
Restaurant (120m2 to 1000m2) [6,8]	%	0%	5%	10%	35%	50%	40%	23%
Restaurant (>1000m2) [6,8]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [7,8]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [9]	%	86.0%	71.0%	71.0%	14.0%	29.0%	15.0%	15.0%
Light industry [8]	%	25%	40%	50%	60%	58%	30%	20%
Service station [10]	%	67%	78%	78%	67%	100%	89%	67%
Community facility [11]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [11]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [11]	%	78%	94%	100%	97%	68%	74%	96%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [8]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [11]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [8]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%

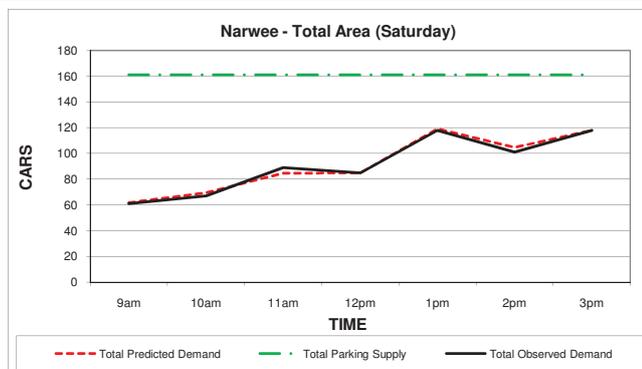
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on a weekend
- [3] Based on parking demand for study area excluding Narwee Car Park
- [4] Based on GTA Consultants' database profile for a shop or shopping centre
- [5] Based on parking demand for Narwee Hotel Car Park
- [6] Based on GTA Consultants database profile for restaurant
- [7] Based on GTA Consultants database rate for convenience restaurant
- [8] Based on GTA Consultants' estimation
- [9] Based on GTA Consultants database rate for medical centre
- [10] Based on parking demand for 7/Seven Car Park
- [11] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [12] Based on information gathered from Oasis Hotel (Campsie)

**Narwee Calibrated Model**

Use	Unit	Narwee - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	2	1	1	1	1	1	2
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	20	21	24	23	27	16	22
Retail shops (120m2 to 1000m2)	vehicles	28	29	35	32	38	23	31
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	3	7	13	17	36	50	55
Restaurant (<120m2)	vehicles	0	0	1	3	4	4	2
Restaurant (120m2 to 1000m2)	vehicles	0	1	1	5	7	6	3
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	8	7	7	1	3	1	1
Light industry	vehicles	0	0	1	1	1	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	0	2	1	1	0	2	1
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		62	69	85	85	119	105	118
Long Term (Professional)	90%	0	0	0	1	1	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	10	11	15	16	23	20	23
Short Term (Retail)	80%	40	47	60	64	91	79	90
Long Term (Residential)	100%	1	1	1	1	1	1	1
Short Term (Residential)	100%	2	1	1	1	1	1	2
Long Term (Other)	50%	4	3	3	1	1	1	1
Short Term (Other)	50%	4	3	3	1	1	1	1
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	1	1	1	0	1	1

<b>Total Parking Supply</b>	Total	161	161	161	161	161	161	161
	85% of Total	137	137	137	137	137	137	137
	Total Long Term	89	89	89	89	89	89	89
	Total Short Term	72	72	72	72	72	72	72
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	72	72	72	72	72	72	72
<b>Total Observed Demand</b>	Total	61	67	89	85	118	101	118
	Total Long Term	22	24	35	35	56	66	70
	Total Short Term	39	43	54	50	62	35	48
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	39	43	54	50	62	35	48
<b>Total Predicted Demand</b>	Total	62	69	85	85	119	105	118
	Long Term	35	37	20	18	26	22	24
	Short Term	47	53	65	67	94	83	94



**New Canterbury Road Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	237	237
Office (general)	sqm	2277	2277
Retail shops (<120m2)	sqm	1140	1140
Retail shops (120m2 to 1000m2)	sqm	4265	4265
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	4771	4771
Restaurant (<120m2)	sqm	92	92
Restaurant (120m2 to 1000m2)	sqm	544	544
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	69	69
Medical centre	room	6	6
Light industry	sqm	2426	2426
Service station	sqm retail space	335	335
Community facility	sqm	400	400
Place of worship	sqm	1945	1945
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	144	144
Recreational facility (gym)	sqm	168	168
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	1830	1830
Storage	sqm	233	233
Primary School	enrolments	298	298

**New Canterbury Road Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m2) [3]	sqm	0.013	0.013
Retail shops (120m2 to 1000m2) [3]	sqm	0.018	0.018
Retail shops (>1000m2) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [4]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [4]	sqm	0.033	0.033
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [7]	room	0.5	0.5
Light industry [3]	sqm	0.003	0.003
Service station [4]	sqm retail space	0.05	0.05
Community facility [8]	sqm	0.1	0.1
Place of worship [9]	sqm	0.066	0.066
Entertainment facility [10]	sqm	0.1	0.1
Motel [11]	room	0.07	0.07
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (bowling green) [13]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [2]	per Student	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekend

[3] Based on owners/employees parking onsite

[4] Based on City of Canterbury DCP

[5] Based on parking demand for clubs car parks

[6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[7] City of Canterbury DCP rate, assuming 100m2 per room

[8] Based on facility type

[9] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[10] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[11] Based on information gathered from Oasis Hotel (Campsie)

[12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

[13] GTA Empirical Data

**New Canterbury Road Calibrated Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	93%	95%	92%	93%	100%	98%	96%
Retail shops (120m2 to 1000m2) [3]	%	93%	95%	92%	93%	100%	98%	96%
Retail shops (>1000m2) [3]	%	93%	95%	92%	93%	100%	98%	96%
Hotel/Club [4]	%	10%	16%	19%	25%	34%	29%	30%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [7]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	89%	78%	78%	78%	100%	78%	78%
Community facility [7]	%	0%	0%	0%	1%	2%	5%	5%
Place of worship [9]	%	2%	2%	2%	5%	5%	5%	5%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [7]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [7]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [7]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%

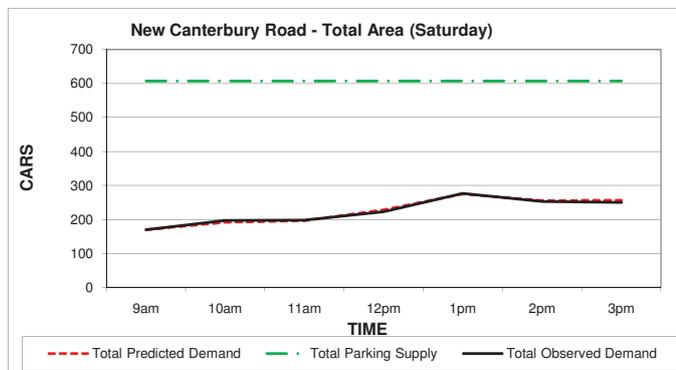
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekend
- [3] Based on parking demand on-street
- [4] Based on parking demand of club car parks
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility

**New Canterbury Road Calibrated Model**

Use	Unit	New Canterbury Road - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	18	14	11	11	11	14	18
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	14	14	14	14	15	15	14
Retail shops (120m2 to 1000m2)	vehicles	71	73	71	71	77	75	74
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	38	61	73	95	130	111	116
Restaurant (<120m2)	vehicles	0	0	0	1	1	1	1
Restaurant (120m2 to 1000m2)	vehicles	0	2	2	6	9	8	4
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	3	2	2	0	1	2	2
Light industry	vehicles	2	3	4	4	4	2	1
Service station	vehicles	15	13	13	13	17	13	13
Community facility	vehicles	0	0	0	0	1	2	2
Place of worship	vehicles	3	3	3	6	6	6	6
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	1	3	1	1	1	3	1
Recreational facility (gym)	vehicles	5	4	3	3	2	2	4
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage		0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		170	192	197	228	275	255	256
Long Term (Professional)	90%	2	3	3	4	4	2	1
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	29	33	35	41	50	45	45
Short Term (Retail)	80%	115	133	140	163	200	180	180
Long Term (Residential)	100%	1	1	1	1	1	1	1
Short Term (Residential)	100%	18	14	11	11	11	14	18
Long Term (Other)	50%	3	2	2	4	4	5	5
Short Term (Other)	50%	3	2	2	4	4	5	5
Long Term (School)	25%	0	1	0	0	0	1	0
Short Term (School)	75%	1	2	1	1	1	2	1

Total Parking Supply	Total	607	607	607	607	607	607	607
	85% of Total	516	516	516	516	516	516	516
	Total Long Term	576	576	576	576	576	576	576
	Total Short Term	31	31	31	31	31	31	31
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	31	31	31	31	31	31	31
Total Observed Demand	Total	170	197	198	223	276	253	250
	Total Long Term	159	183	186	210	259	236	234
	Total Short Term	11	14	13	13	17	17	16
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	11	14	13	13	17	17	16
Total Predicted Demand	Total	170	192	197	228	275	255	256
	Long Term	34	40	42	49	59	53	52
	Short Term	136	152	155	179	216	202	204



**Punchbowl Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	290	290
Office (general)	sqm	3688	3688
Retail shops (<120m2)	sqm	3464	3464
Retail shops (120m2 to 1000m2)	sqm	5550	5550
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	400	400
Restaurant (<120m2)	sqm	175	175
Restaurant (120m2 to 1000m2)	sqm	993	993
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	12	12
Light industry	sqm	0	0
Service station	sqm retail space	0	0
Community facility	sqm	702	702
Place of worship	sqm	1110	1110
Entertainment facility	sqm	380	380
Motel	room	10	10
Educational establishment	sqm	133	133
Recreational facility (gym)	sqm	425	425
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	1792	1792
Storage	sqm	180	180
Primary School	enrolments	0	0

**Punchbowl Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.06	0.06
Office (general) [2]	sqm	0.012	0.012
Retail shops (<120m2) [3]	sqm	0.012	0.012
Retail shops (120m2 to 1000m2) [3]	sqm	0.008	0.008
Retail shops (>1000m2) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [6]	sqm	0.02	0.02
Restaurant (120m2 to 1000m2) [6]	sqm	0.029	0.029
Restaurant (>1000m2)	sqm		0
Restaurant - drive-through take-away [7]	seats	0.333	0.333
Child care centre [8]	children	0.2	0.2
Medical centre [9]	room	2	2
Light industry [4]	sqm	0.01	0.01
Service station [4]	sqm retail space	0.05	0.05
Community facility [10]	sqm	0.05	0.05
Place of worship [11]	sqm	0.066	0.066
Entertainment facility [12]	sqm	0.1	0.1
Motel [13]	room	0.07	0.07
Educational establishment [14]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (bowling green) [15]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [15]	per Student	0.2	0.2

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Based on number of offices, estimated on-site parking and close proximity of railway station
- [3] Based on parking demand of short-term parking
- [4] Based on City of Canterbury DCP
- [5] Based on GTA Consultants database rate for nightclubs
- [6] Based on estimated on-site parking
- [7] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [8] City of Canterbury DCP rate, assuming 10m2 per child
- [9] City of Canterbury DCP rate, assuming 100m2 per room
- [10] Based on demand for facilities car park
- [11] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [12] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [13] Based on information gathered from Oasis Hotel (Campsie)
- [14] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [15] GTA Empirical Data

**Punchbowl Calibrated Temporal Profiles**

Use	Unit	Temporary Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Office (general) [2]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Retail shops (<120m2) [3,4]	%	50%	60%	84%	90%	87%	100%	75%	73%	70%	73%
Retail shops (120m2 to 1000m2) [3,4]	%	50%	60%	84%	90%	85%	100%	75%	73%	70%	73%
Retail shops (>1000m2) [5]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Hotel/Club [6]	%	0%	0%	0%	5%	3%	18%	14%	14%	47%	77%
Restaurant (<120m2) [7]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (120m2 to 1000m2) [7]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (>1000m2) [7]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant - drive-through take-away [8]	%	29%	29%	29%	29%	29%	64%	46%	49%	44%	36%
Child care centre [9]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Medical centre [10]	%	50%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	80.0%
Light industry [11]	%	57%	85%	91%	90%	100%	98%	97%	97%	97%	60%
Service station [5]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Community facility [12,4]	%	12%	65%	53%	75%	65%	100%	80%	70%	55%	65%
Place of worship [4]	%	15%	20%	25%	45%	65%	100%	70%	55%	50%	40%
Entertainment facility [13]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Motel [15]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [4]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Recreational facility (gym) [14]	%	51%	77%	97%	51%	41%	41%	44%	40%	62%	55%
Recreational facility (bowling green) [4]	%	0%	25%	50%	65%	85%	100%	99%	95%	90%	80%
Vacant	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Storage	%										
Primary School [4]	%	45%	60%	35%	15%	15%	15%	45%	100%	45%	15%

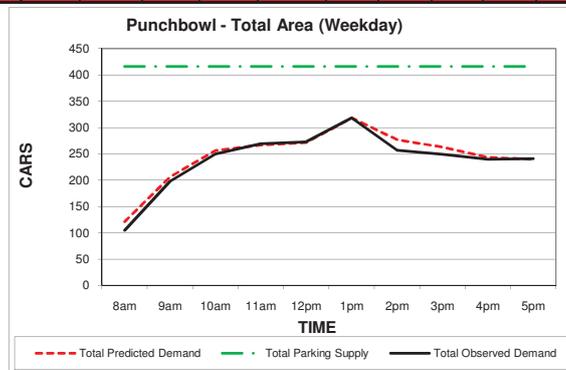
- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on parking demand survey for short-term parking supply
- [4] Based on GTA Consultants' estimation
- [5] Based on GTA Consultants' database profile for a shop or shopping centre
- [6] Based on GTA Consultants database for a pub / hotel / tavern
- [7] Based on GTA Consultants database profile for restaurant
- [8] Based on GTA Consultants database rate for convenience restaurant
- [9] Based on GTA Consultants database (staff attendance based on office land use)
- [10] Based on GTA Consultants database rate for medical centre
- [11] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [12] Based on Demand for Facility's car park
- [13] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [14] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010
- [15] Based on information gathered from Oasis Hotel (Campsie)

**Punchbowl Calibrated Model**

Use	Unit	Punchbowl - Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	9	4	0	4	4	4	0	4
Office (general)	vehicles	11	38	44	44	43	40	43	43	43	30
Retail shops (<120m2)	vehicles	21	25	35	37	36	42	31	30	29	30
Retail shops (120m2 to 1000m2)	vehicles	22	27	37	40	38	44	33	32	31	32
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	1	1	6	4	4	15	25
Restaurant (<120m2)	vehicles	0	0	0	0	1	2	2	1	0	1
Restaurant (120m2 to 1000m2)	vehicles	0	0	1	3	7	14	14	7	0	4
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	12	21	23	19	22	16	21	24	19	19
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	4	23	19	26	23	35	28	25	19	23
Place of worship	vehicles	11	15	18	33	48	73	51	40	37	29
Entertainment facility	vehicles	22	30	36	38	37	26	28	36	26	22
Motel	vehicles	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	1	2	3	3	3	2	3	3	3	2
Recreational facility (gym)	vehicles	16	25	31	16	13	13	14	13	20	17
Recreational facility (bowling)	vehicles	0	0	0	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0	0	0	0

Sub Totals		121	206	256	267	272	318	277	263	243	240
Long Term (Professional)	96%	10	35	40	40	39	36	39	39	39	27
Short Term (Professional)	10%	1	4	4	4	4	4	4	4	4	3
Long Term (Retail)	20%	11	35	23	20	19	24	20	17	19	22
Short Term (Retail)	80%	47	61	84	79	76	96	78	70	76	88
Long Term (Residential)	100%	1	1	1	1	1	1	1	1	1	1
Short Term (Residential)	100%	0	0	9	4	0	4	4	4	0	4
Long Term (Other)	50%	25	44	48	58	66	75	64	62	51	47
Short Term (Other)	50%	25	44	48	58	66	75	64	62	51	47
Long Term (School)	25%	0	1	1	1	1	1	1	1	1	0
Short Term (School)	75%	1	2	2	2	2	2	2	2	2	1

Total Parking Supply	Total	416	416	416	416	416	416	416	416	416	416
	86% of Total	354	354	354	354	354	354	354	354	354	354
	Total Long Term	241	241	241	241	241	241	241	241	241	241
	Total Short Term	173	173	173	173	173	173	173	173	173	173
	All Other Spaces	2	2	2	2	2	2	2	2	2	2
	Total Minus Long Term	175	175	175	175	175	175	175	175	175	175
Total Observed Demand	Total	105	198	250	269	273	318	257	249	240	241
	Total Long Term	56	88	100	110	124	140	102	90	94	96
	Total Short Term	49	110	149	158	149	178	154	157	144	143
	All Other Spaces	0	0	1	1	0	0	1	2	2	2
	Total Minus Long Term	49	110	150	159	149	178	155	159	146	145
Total Predicted Demand	Total	121	206	256	267	272	318	277	263	243	240
	Long Term	47	95	110	119	124	137	124	120	110	97
	Short Term	74	111	147	148	148	181	153	143	133	143



**Wiley Park Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	215	215
Office (general)	sqm	180	180
Retail shops (<120m2)	sqm	958	958
Retail shops (120m2 to 1000m2)	sqm	1229	1229
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	509	509
Restaurant (<120m2)	sqm	0	0
Restaurant (120m2 to 1000m2)	sqm	0	0
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	2	2
Light industry	sqm	0	0
Service station	sqm retail space	0	0
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	218	218
Storage	sqm	302	302
Primary School	enrolments	0	0

**Wiley Park Calibrated Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m2) [3]	sqm	0.018	0.018
Retail shops (120m2 to 1000m2) [3]	sqm	0.023	0.023
Retail shops (>1000m2) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.02	0.02
Restaurant (<120m2) [4]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [4]	sqm	0.033	0.033
Restaurant (>1000m2) [4]	sqm	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333
Child care centre [7]	children	0	0
Medical centre [8]	room	0	0
Light industry [4]	sqm	0.01	0.01
Service station [4]	sqm retail space	0.05	0.05
Community facility [9]	sqm	0.1	0.1
Place of worship [10]	sqm	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1
Motel [11]	room	0.07	0.07
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (bowling green) [12]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Storage		0	0
Primary School [4]	per Student	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on on-site parking available for owners/employees

[4] Based on City of Canterbury DCP

[5] Taking into account Pubs car park of 22 spaces was not surveyed

[6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[7] City of Canterbury DCP rate, assuming 5 children per staff and 10m2 per child

[8] Medical Centres in Town Centre provide on-site parking

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[11] Based on information gathered from Oasis Hotel (Campsie)

[12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

[13] GTA Empirical Data

**Wiley Park Calibrated Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	40%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3,6]	%	93%	97%	100%	95%	95%	80%	80%
Retail shops (120m2 to 1000m2) [3,6]	%	93%	97%	100%	95%	95%	80%	80%
Retail shops (>1000m2) [3]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [4]	%	0%	0%	38%	70%	70%	60%	70%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [7]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [10]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [7]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [7]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Storage	%							
Primary School [2]	%	0%	0%	0%	0%	0%	0%	0%

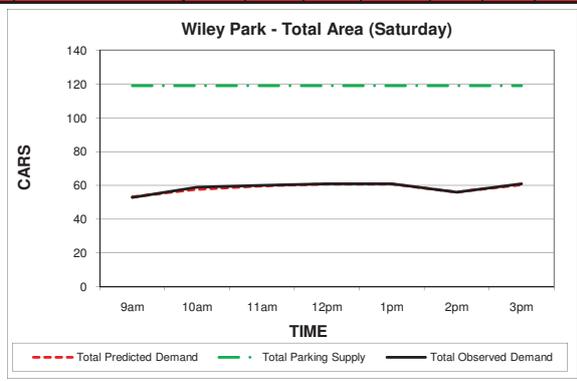
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on a weekend
- [3] Based on GTA Consultants' database profile for a shop or shopping centre
- [4] Based on GTA Consultants database for a nightclub
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [10] Based on information gathered from Oasis Hotel (Campsie)

**Wiley Park Calibrated Model**

Use	Unit	Wiley Park - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	10	13	10	10	10	13	16
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	16	17	17	16	16	14	14
Retail shops (120m2 to 1000m2)	vehicles	26	27	28	27	27	23	23
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	4	7	7	6	7
Restaurant (<120m2)	vehicles	0	0	0	0	0	0	0
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	0	0	0	0	0	0	0
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Storage	vehicles	0	0	0	0	0	0	0
Primary School	vehicles	0	0	0	0	0	0	0

Sub Totals		53	58	60	61	61	56	60
Long Term (Professional)	90%	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	8	9	10	10	10	9	9
Short Term (Retail)	80%	34	35	40	40	40	34	35
Long Term (Residential)	100%	1	1	1	1	1	1	1
Short Term (Residential)	100%	10	13	10	10	10	13	16
Long Term (Other)	50%	0	0	0	0	0	0	0
Short Term (Other)	50%	0	0	0	0	0	0	0
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Total Parking Supply	Total	119	119	119	119	119	119	119
	85% of Total	103	103	103	103	103	103	103
	Total Long Term	103	103	103	103	103	103	103
	Total Short Term	16	16	16	16	16	16	16
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	16	16	16	16	16	16	16
Total Observed Demand	Total	53	59	60	61	61	56	61
	Total Long Term	47	55	54	54	52	50	56
	Total Short Term	6	4	6	7	9	6	5
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	6	4	6	7	9	6	5
Total Predicted Demand	Total	53	58	60	61	61	56	60
	Long Term	9	9	10	11	11	9	9
	Short Term	44	48	49	50	50	47	51



## Appendix E

### Future Car Parking Models

**Belfield Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	116	116
Office (general)	sqm	8477	8477
Retail shops (<120m2)	sqm	1078	1078
Retail shops (120m2 to 1000m2)	sqm	2453	2453
Retail shops (>1000m2)	sqm	1365	1365
Hotel/Club	sqm public floor area	391	391
Restaurant (<120m2)	sqm	143	143
Restaurant (120m2 to 1000m2)	sqm	1366	1366
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	3	3
Light industry	sqm	387	387
Service station	sqm retail space	240	240
Community facility	sqm	275	275
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	8	8
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Residential dwelling	Dwellings	40	40
Office (general) On-Site	sqm	50	50
Retail shops (<120m2) On-Site	sqm	100	100
Restaurant (<120m2) On-Site	enrolments	50	50

**Belfield Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.013	0.013
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.024	0.024
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0	0
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m <sup>2</sup> ) [8]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.023	0.023
Restaurant (>1000m <sup>2</sup> )	sqm	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [7]	room	2	2
Light industry [8]	sqm	0.01	0.01
Service station [8]	sqm retail space	0	0
Community facility [13]	sqm	0.04	0.04
Place of worship [10]	sqm	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1
Motel [14]	room	0.07	0.07
Educational establishment [11]	sqm	0.02	0.02
Recreational facility (gym) [8]	sqm	0.075	0.075
Residential dwelling [8]	Dwellings	1.2	1.2
Office (general) On-Site [15]	sqm	0	0
Retail shops (<120m <sup>2</sup> ) On-Site [15]	sqm	0.007	0.007421
Restaurant (<120m <sup>2</sup> ) On-Site [15]	sqm	0.000	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekend

[3] On-Site Parking available for employees

[4] Business has on-site car park that was not surveyed

[5] Based on GTA Consultants database rate for nightclub

[6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[7] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[8] Based on City of Canterbury DCP

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[11] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[12] GTA Empirical Data

[13] Based on type of facility

[14] Based on information gathered from Oasis Hotel (Campsie)

[15] Based on difference between Total Rate and Off-Site Rate

**Belfield Future Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3,8]	%	41%	70%	84%	100%	84%	68%	64%
Retail shops (120m2 to 1000m2) [3,8]	%	41%	70%	84%	100%	84%	68%	64%
Retail shops (>1000m2) [4]	%	41%	76%	100%	96%	88%	91%	90%
Hotel/Club [5]	%	0%	0%	18%	50%	50%	40%	50%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [9]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [8]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [11]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [11]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [11]	%	78%	94%	100%	97%	68%	74%	96%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [8]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [11]	%	41%	34%	26%	23%	18%	18%	28%
Residential dwelling [8]	%	100%	100%	100%	100%	100%	100%	100%
Office (general) On-Site [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) On-Site [3,8]	%	41%	70%	84%	100%	84%	68%	64%
Restaurant (<120m2) On-Site [5,7]	%	0%	5%	10%	35%	50%	47%	23%

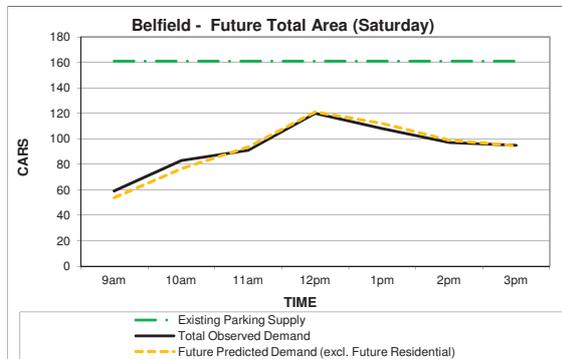
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekends
- [3] Based on parking demand for community car park and belfield plaza car park
- [4] Based on GTA Consultants' database profile for a supplier retailer
- [5] Based on GTA Consultants database for a nightclub
- [6] Based on GTA Consultants database profile for restaurant
- [7] Based on GTA Consultants database rate for convenience restaurant
- [8] Based on GTA Consultants' estimation
- [9] Based on GTA Consultants database rate for medical centre
- [10] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [11] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [12] Based on information gathered from Oasis Hotel (Campsie)

**Belfield Future Model**

Use	Unit	Belfield - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	9	7	5	5	5	7	9
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	6	10	12	14	12	10	9
Retail shops (120m2 to 1000m2)	vehicles	24	41	49	59	49	40	38
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	6	16	16	12	16
Restaurant (<120m2)	vehicles	0	0	0	1	2	2	1
Restaurant (120m2 to 1000m2)	vehicles	0	2	3	11	16	15	7
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	5	4	4	1	2	3	3
Light industry	vehicles	1	2	2	2	2	1	1
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	9	10	11	11	7	8	11
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	48	48	48	48	48	48	48
Office (general) On-Site	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2) On-Site	vehicles	0	1	1	1	1	1	0
Restaurant (<120m2) On-Site	vehicles	0	0	0	0	0	0	0

Sub Totals		102	125	142	169	160	147	143
Long Term (Professional)	90%	1	1	2	2	2	3	1
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	6	11	14	20	19	16	14
Short Term (Retail)	80%	24	43	57	81	76	63	57
Long Term (Residential)	100%	49	49	49	49	49	49	49
Short Term (Residential)	100%	9	7	5	5	5	7	9
Long Term (Other)	50%	7	7	7	6	5	6	7
Short Term (Other)	50%	7	7	7	6	5	6	7
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Existing Parking Supply	Total	161	161	161	161	161	161	161
	85% of Total	137	137	137	137	137	137	137
	Total Long Term	90	90	90	90	90	90	90
	Total Short Term	71	71	71	71	71	71	71
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	71	71	71	71	71	71	71
Total Observed Demand	Total	59	83	91	120	108	97	95
	Total Long Term	27	41	47	56	45	50	48
	Total Short Term	32	42	44	64	63	47	47
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	32	42	44	64	63	47	47
Future Predicted Demand	Total	102	125	142	169	160	147	143
	Long Term	62	68	72	77	74	73	70
	Short Term	40	57	70	92	86	76	72
	Future Predicted Demand (excl. Future Residential)	54	77	94	121	112	99	98



**Belmore Future Land Use**

Use	Unit	Size		
		Total Area	Precinct	
			1	2
Residential dwelling (visitor)	Dwellings	326	148	178
Office (general)	sqm	8708	428	8280
Retail shops (<120m2)	sqm	3677	1264	2413
Retail shops (120m2 to 1000m2)	sqm	11258	3429	7829
Retail shops (>1000m2)	sqm	0	0	0
Hotel/Club	sqm public floor area	2208	0	2208
Restaurant (<120m2)	sqm	903	450	452
Restaurant (120m2 to 1000m2)	sqm	2344	997	1347
Restaurant (>1000m2)	sqm	0	0	0
Restaurant - drive-through take-away	seats	0	0	0
Child care centre	children	47	47	0
Medical centre	room	10	1	10
Light industry	sqm	5644	0	5644
Service station	sqm retail space	0	0	0
Community facility	sqm	1090	1090	0
Place of worship	sqm	1131	532	599
Entertainment facility	sqm	1501	700	801
Motel	room	0	0	0
Educational establishment	sqm	700	0	700
Recreational facility (gym)	sqm	1594	1240	354
Office (general) On-Site	sqm	150	150	0
Retail shops (120m2 to 1000m2) On-Site	sqm	2200	500	1700
Restaurant (120m2 to 1000m2) On-Site	sqm	150	0	150
Residential dwelling (Future)	Dwellings	100	30	70

**Belmore Future Car Parking Rates**

Use	Unit (spaces per)	Size		
		Off-Site Parking Rate	Precinct	
			1	2
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12	0.12
Office (general) [2]	sqm	0	0	0
Retail shops (<120m2) [3]	sqm	0.009	0.009	0.009
Retail shops (120m2 to 1000m2) [3]	sqm	0.015	0.015	0.015
Retail shops (>1000m2) [4]	sqm	0.045	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08	0.08
Restaurant (<120m2) [4]	sqm	0.025	0.025	0.025
Restaurant (120m2 to 1000m2) [4]	sqm	0.033	0.033	0.033
Restaurant (>1000m2) [4]	sqm	0	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333	0.333
Child care centre [2]	children	0	0	0
Medical centre [7]	room	1.5	1.5	1.5
Light industry [8]	sqm	0.005	0.005	0.005
Service station [4]	sqm retail space	0.05	0.05	0.05
Community facility [9]	sqm	0.1	0.1	0.1
Place of worship [10]	sqm	0.066	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1	0.1
Motel [11]	room	1	1	1
Educational establishment [12]	sqm	0.02	0.02	0.02
Recreational facility (gym) [13]	sqm	0.015	0.015	0.015
Office (general) On-Site	sqm	0	0	0
Retail shops (120m2 to 1000m2) On-Site	sqm	0.013	0.012702	0.012702
Restaurant (120m2 to 1000m2) On-Site	sqm	0	0	0
Residential dwelling (Future)	Dwellings	1.2	1.2	1.2

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on owner/employee parking on-site

[4] Based on City of Canterbury DCP

[5] Based on GTA Consultants database rate for nightclub

[6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[7] Based on on-site parking of 1 space per practitioner for most sites

[8] Based on part of demand catered on-site

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[11] Based on City of Canterbury DCP rate, assuming 50m2 per room

[12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

[13] PCYC not open on weekends & Power Core MMA Gym not offering weekend classes

[14] GTA Empirical Data

**Belmore Future Temporal Profiles**

Use	Unit	Temporal Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	50%	55%	65%	75%	90%	100%	95%
Retail shops (120m2 to 1000m2) [3]	%	50%	55%	65%	75%	90%	100%	95%
Retail shops (>1000m2) [3]	%	50%	55%	65%	75%	90%	100%	95%
Hotel/Club [4]	%	30%	48%	48%	54%	92%	93%	73%
Restaurant (<120m2) [5,3]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,3]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,3]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6,3]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [3]	%	25%	40%	50%	60%	58%	30%	20%
Service station [8]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [3]	%	75%	80%	85%	40%	65%	75%	90%
Place of worship [9]	%	2%	2%	2%	5%	5%	5%	5%
Entertainment facility [3]	%	75%	80%	85%	40%	65%	75%	90%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [10]	%	75%	100%	100%	100%	100%	100%	100%
Recreational facility (gym) [11,3]	%	60%	65%	46%	43%	28%	28%	38%
Office (general) On-Site	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (120m2 to 1000m2) On-Site	%	50%	55%	65%	75%	90%	100%	95%
Restaurant (120m2 to 1000m2) On-Site	%	0%	5%	10%	35%	50%	47%	23%
Residential dwelling (Future)	%	100%	100%	100%	100%	100%	100%	100%

[1] Based on GTA Consultants database profile for Dwellings

[2] Assumed not open on Weekends

[3] Based on GTA Consultants' estimation

[4] Based on results from Parking Demand Survey within Belmore RSL Car Park and Canterbury League Club

[5] Based on GTA Consultants database profile for restaurant

[6] Based on GTA Consultants database rate for convenience restaurant

[7] Based on GTA Consultants database rate for medical centre

[8] Based on GTA Consultants' database profile for a shop or shopping centre

[9] Based on hours of operation of the churches

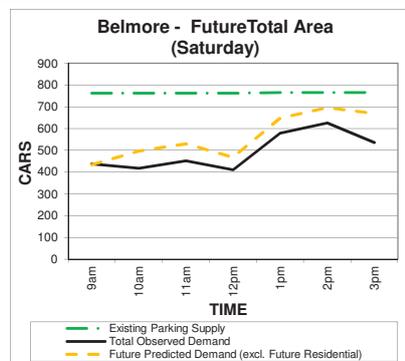
[10] Based on classes at establishment running continually from 9:30am-4:00pm on Saturdays

[11] Based on GTA Consultants database for gym

[12] Based on information gathered from Oasis Hotel (Campsie)

**Belmore Future Model**

Use	Unit	Belmore - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	25	20	15	15	15	20	25
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	17	18	22	25	30	33	31
Retail shops (120m2 to 1000m2)	vehicles	84	93	110	127	152	169	160
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	53	86	84	95	162	164	129
Restaurant (<120m2)	vehicles	0	1	2	8	11	11	5
Restaurant (120m2 to 1000m2)	vehicles	0	4	8	27	39	36	18
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	13	11	11	2	4	9	9
Light industry	vehicles	7	11	14	17	16	8	6
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	82	87	93	44	71	82	98
Place of worship	vehicles	1	1	1	4	4	4	4
Entertainment facility	vehicles	113	120	128	60	98	113	135
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	11	14	14	14	14	14	14
Recreational facility (gym)	vehicles	14	16	11	10	7	7	9
Office (general) On-Site	vehicles	0	0	0	0	0	0	0
Retail shops (120m2 to 1000m2) On-Site	vehicles	14	15	18	21	25	28	27
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	120	120	120	120	120	120	120
<b>Sub Totals</b>		<b>553</b>	<b>617</b>	<b>650</b>	<b>588</b>	<b>767</b>	<b>817</b>	<b>789</b>
Long Term (Professional)	90%	6	10	13	15	15	8	5
Short Term (Professional)	10%	1	1	1	2	2	1	1
Long Term (Retail)	20%	36	47	51	63	85	90	76
Short Term (Retail)	80%	146	186	204	250	340	358	304
Long Term (Residential)	100%	120	120	120	120	120	120	120
Short Term (Residential)	100%	25	20	15	15	15	20	25
Long Term (Other)	50%	104	110	116	55	88	103	123
Short Term (Other)	50%	104	110	116	55	88	103	123
Long Term (School)	25%	3	4	4	4	4	4	4
Short Term (School)	75%	8	11	11	11	11	11	11
<b>Existing Parking Supply</b>	<b>Total</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>765</b>	<b>765</b>	<b>765</b>
	<b>85% of Total</b>	<b>649</b>	<b>649</b>	<b>649</b>	<b>649</b>	<b>650</b>	<b>650</b>	<b>650</b>
	<b>Total Long Term</b>	<b>526</b>	<b>526</b>	<b>526</b>	<b>526</b>	<b>528</b>	<b>528</b>	<b>528</b>
	<b>Total Short Term</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>
	<b>All Other Spaces</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>
	<b>Total Minus Long Term</b>	<b>237</b>	<b>237</b>	<b>237</b>	<b>237</b>	<b>237</b>	<b>237</b>	<b>237</b>
<b>Total Observed Demand</b>	<b>Total</b>	<b>438</b>	<b>437</b>	<b>452</b>	<b>411</b>	<b>578</b>	<b>626</b>	<b>538</b>
	<b>Total Long Term</b>	<b>270</b>	<b>261</b>	<b>282</b>	<b>253</b>	<b>388</b>	<b>423</b>	<b>360</b>
	<b>Total Short Term</b>	<b>145</b>	<b>136</b>	<b>152</b>	<b>144</b>	<b>159</b>	<b>180</b>	<b>158</b>
	<b>All Other Spaces</b>	<b>23</b>	<b>20</b>	<b>18</b>	<b>14</b>	<b>31</b>	<b>23</b>	<b>18</b>
	<b>Total Minus Long Term</b>	<b>168</b>	<b>156</b>	<b>170</b>	<b>158</b>	<b>190</b>	<b>203</b>	<b>176</b>
<b>Future Predicted Demand</b>	<b>Total</b>	<b>553</b>	<b>617</b>	<b>650</b>	<b>588</b>	<b>767</b>	<b>817</b>	<b>789</b>
	<b>Long Term</b>	<b>270</b>	<b>290</b>	<b>303</b>	<b>256</b>	<b>312</b>	<b>324</b>	<b>327</b>
	<b>Short Term</b>	<b>283</b>	<b>327</b>	<b>347</b>	<b>332</b>	<b>455</b>	<b>493</b>	<b>462</b>
	<b>Future Predicted Demand (excl. Future Residential)</b>	<b>433</b>	<b>497</b>	<b>530</b>	<b>468</b>	<b>647</b>	<b>697</b>	<b>669</b>

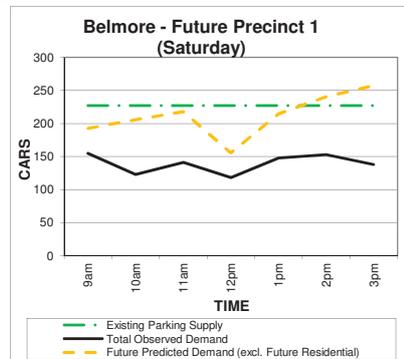


Future Car Parking Model



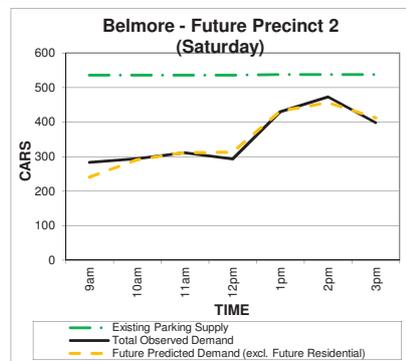
**Belmore Future Model**

Use	Unit	Belmore - Precinct 1						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	11	9	7	7	7	9	11
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	6	6	7	9	10	11	11
Retail shops (120m2 to 1000m2)	vehicles	26	28	33	39	46	51	49
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	0	0	0
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	2	3	12	16	15	8
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	1	1	1	0	0	0	0
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	82	87	93	44	71	82	98
Place of worship	vehicles	1	1	1	2	2	2	2
Entertainment facility	vehicles	53	56	60	28	46	53	63
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	11	12	9	8	5	5	7
Office (general) On-Site	vehicles	0	0	0	0	0	0	0
Retail shops (120m2 to 1000m2) On-Site	vehicles	3	3	4	5	6	6	6
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	36	36	36	36	36	36	36
<b>Sub Totals</b>		229	242	254	192	251	276	293
Long Term (Professional)	90%	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	9	10	12	15	18	19	17
Short Term (Retail)	80%	37	42	46	60	72	76	66
Long Term (Residential)	100%	36	36	36	36	36	36	36
Short Term (Residential)	100%	11	9	7	7	7	9	11
Long Term (Other)	50%	68	72	77	37	59	68	82
Short Term (Other)	50%	68	72	77	37	59	68	82
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0
<b>Existing Parking Supply</b>	Total	227	227	227	227	227	227	227
	85% of Total	193	193	193	193	193	193	193
	Total Long Term	150	150	150	150	150	150	150
	Total Short Term	70	70	70	70	70	70	70
	All Other Spaces	21	23	23	24	25	26	27
	Total Minus Long Term	77	77	77	77	77	77	77
<b>Total Observed Demand</b>	Total	155	123	141	118	148	153	138
	Total Long Term	92	72	82	68	85	87	84
	Total Short Term	57	45	52	45	55	60	48
	All Other Spaces	6	6	7	5	8	6	6
	Total Minus Long Term	63	51	59	50	63	66	54
<b>Future Predicted Demand</b>	Total	229	242	254	192	251	276	293
	Long Term	113	119	124	88	113	123	134
	Short Term	116	123	130	104	138	153	159
	Future Predicted Demand (excl. Future Residential)	193	206	218	156	215	240	257



**Belmore Future Model**

Use	Unit	Belmore - Precinct 2						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	13	11	8	8	8	11	13
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	11	12	14	16	20	22	21
Retail shops (120m2 to 1000m2)	vehicles	59	65	76	88	106	117	112
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	53	86	84	95	162	164	129
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	2	4	16	22	21	10
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	12	10	10	2	4	8	8
Light industry	vehicles	7	11	14	17	16	8	6
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	1	1	1	2	2	2	2
Entertainment facility	vehicles	60	64	68	32	52	60	72
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	11	14	14	14	14	14	14
Recreational facility (gym)	vehicles	3	3	2	2	1	1	2
Office (general) On-Site	vehicles	0	0	0	0	0	0	0
Retail shops (120m2 to 1000m2) On-Site	vehicles	11	12	14	16	19	22	21
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	84	84	84	84	84	84	84
<b>Sub Totals</b>		<b>325</b>	<b>375</b>	<b>396</b>	<b>397</b>	<b>516</b>	<b>540</b>	<b>496</b>
Long Term (Professional)	90%	6	10	13	15	15	8	5
Short Term (Professional)	10%	1	1	1	2	2	1	1
Long Term (Retail)	20%	27	36	39	47	67	71	59
Short Term (Retail)	80%	109	144	157	190	269	282	237
Long Term (Residential)	100%	84	84	84	84	84	84	84
Short Term (Residential)	100%	13	11	8	8	8	11	13
Long Term (Other)	50%	37	38	40	18	29	35	41
Short Term (Other)	50%	37	38	40	18	29	35	41
Long Term (School)	25%	3	4	4	4	4	4	4
Short Term (School)	75%	8	11	11	11	11	11	11
<b>Existing Parking Supply</b>	<b>Total</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>538</b>	<b>538</b>	<b>538</b>
	<b>85% of Total</b>	<b>456</b>	<b>456</b>	<b>456</b>	<b>456</b>	<b>457</b>	<b>457</b>	<b>457</b>
	<b>Total Long Term</b>	<b>376</b>	<b>376</b>	<b>376</b>	<b>376</b>	<b>378</b>	<b>378</b>	<b>378</b>
	<b>Total Short Term</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>
	<b>All Other Spaces</b>	<b>489</b>	<b>490</b>	<b>491</b>	<b>492</b>	<b>493</b>	<b>494</b>	<b>495</b>
	<b>Total Minus Long Term</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>
<b>Total Observed Demand</b>	<b>Total</b>	<b>283</b>	<b>294</b>	<b>311</b>	<b>293</b>	<b>430</b>	<b>473</b>	<b>398</b>
	<b>Total Long Term</b>	<b>176</b>	<b>189</b>	<b>200</b>	<b>186</b>	<b>303</b>	<b>336</b>	<b>276</b>
	<b>Total Short Term</b>	<b>88</b>	<b>91</b>	<b>100</b>	<b>99</b>	<b>104</b>	<b>120</b>	<b>110</b>
	<b>All Other Spaces</b>	<b>17</b>	<b>14</b>	<b>11</b>	<b>9</b>	<b>23</b>	<b>37</b>	<b>12</b>
	<b>Total Minus Long Term</b>	<b>106</b>	<b>105</b>	<b>111</b>	<b>108</b>	<b>127</b>	<b>137</b>	<b>122</b>
<b>Future Predicted Demand</b>	<b>Total</b>	<b>325</b>	<b>375</b>	<b>396</b>	<b>397</b>	<b>516</b>	<b>540</b>	<b>496</b>
	<b>Long Term</b>	<b>157</b>	<b>171</b>	<b>179</b>	<b>168</b>	<b>198</b>	<b>201</b>	<b>193</b>
	<b>Short Term</b>	<b>166</b>	<b>204</b>	<b>217</b>	<b>228</b>	<b>318</b>	<b>339</b>	<b>303</b>
	<b>Future Predicted Demand (excl. Future Residential)</b>	<b>241</b>	<b>291</b>	<b>312</b>	<b>313</b>	<b>432</b>	<b>456</b>	<b>412</b>



**Campsie Future Land Use**

Use	Unit	Size		
		Total	Precinct	
			1	2
Residential dwelling (visitor)	Dwellings	1211	867	344
Office (general) Future	sqm	0	0	0
Retail shops (<120m2)	sqm	8103	2990	5113
Retail shops (120m2 to 1000m2)	sqm	22703	8786	13917
Retail shops (>1000m2)	sqm	16267	0	16267
Hotel/Club	sqm public floor area	1526	427	1100
Restaurant (<120m2)	sqm	1672	261	1411
Restaurant (120m2 to 1000m2)	sqm	3864	1781	2083
Restaurant (120m2 to 1000m2) On-Site	sqm	0	0	0
Office (general) On-Site	sqm	0	0	0
Child care centre	Children	16	16	0
Medical centre	room	100	29	71
Light industry	sqm	513	513	0
Medical centre (On-Site)	room	0	0	0
Community facility	sqm	2632	0	2632
Place of worship	sqm	2855	0	2855
Entertainment facility	sqm	1445	1236	209
Motel	room	13	13	0
Educational establishment	sqm	1722	733	989
Recreational facility (gym)	sqm	467	467	0
Retail shops (<120m2) On-Site	sqm	500	500	0
Retail shops (120m2 to 1000m2) On-Site	sqm	1500	750	750
Retail shops (>1000m2) (Future)	sqm	0	0	0
Residential dwelling (Future)	Dwellings	405	360	45

**Campsie Future Car Parking Rates**

Use	Unit (spaces per)	Size		
		Off-Site Parking Rate	Precinct	
			1	2
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12	0.12
Office (general) Future [9]	sqm	0.025	0.025	0.025
Retail shops (<120m2) [3]	sqm	0.015	0.015	0.015
Retail shops (120m2 to 1000m2) [3]	sqm	0.025	0.025	0.025
Retail shops (>1000m2) [4]	sqm	0.037	0.037	0.037
Hotel/Club [5]	sqm public floor area	0.08	0.08	0.08
Restaurant (<120m2) [3]	sqm	0.01	0.01	0.01
Restaurant (120m2 to 1000m2) [3]	sqm	0.013	0.013	0.013
Restaurant (120m2 to 1000m2) On-Site [6]	sqm	0.010	0.0099	0.0099
Office (general) On-Site [6]	sqm	0	0	0
Child care centre [2]	children	0	0	0
Medical centre [7]	room	2	2	2
Light industry [8]	sqm	0	0	0
Medical centre (On-Site) [6]	room	0.012	0.012	0.012
Community facility [10]	sqm	0.0192	0.0192	0.0192
Place of worship [11]	sqm	0.066	0.066	0.066
Entertainment facility [12]	sqm	0.08	0.08	0.08
Motel [13]	room	0.07	0.07	0.07
Educational establishment [14]	sqm	0.02	0.02	0.02
Recreational facility (gym) [9]	sqm	0.075	0.075	0.075
Retail shops (<120m2) On-Site [6]	sqm	0.011	0.0112	0.0112
Retail shops (120m2 to 1000m2) On-Site [6]	sqm	0.007	0.0074	0.0074
Retail shops (>1000m2) Future [4]	sqm	0.037	0.037	0.037
Residential dwelling (Future) [9]	Dwellings	1.2	1.2	1.2

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on owner/employee parking on-site

[4] Based on demand for Campsie Centre/Woolworths Car Park

[5] Based on GTA Consultants database rate for nightclub

[6] Based on difference between total rate and off-site rate

[7] City of Canterbury DCP rate, assuming 100m2 per room

[8] Based on business providing on-site parking

[9] Based on City of Canterbury DCP

[10] Based on GTA Consultants database rate for Library

[11] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[12] Based on demand for Orion Function Centre Car Park

[13] Based on information gathered from Oasis Hotel (Campsie)

[14] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

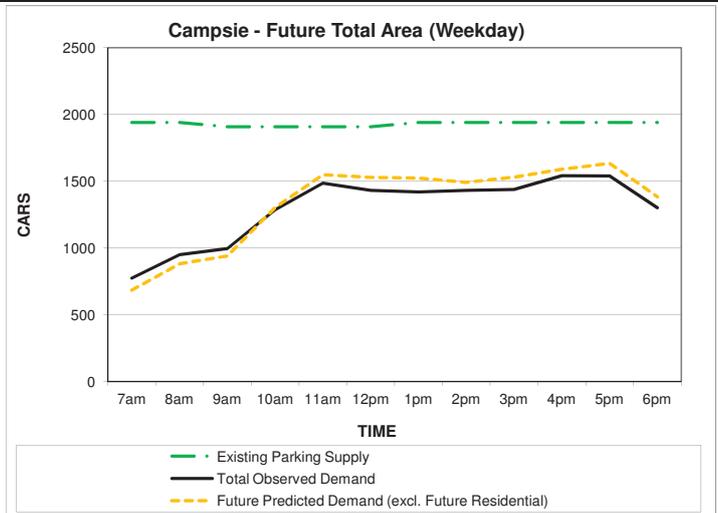
Campsie Future Temporal Profiles

Use	Unit	Temporal Profile											
		Total Area											
		7:00am	8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm
Residential dwelling (visitor) [1]	%	63%	50%	63%	50%	38%	38%	38%	50%	63%	63%	54%	58%
Office (general) Future [13]	%	2%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%	16%
Retail shops (<120m2) [3]	%	35%	35%	36%	60%	80%	90%	85%	70%	80%	82%	100%	76%
Retail shops (>1000m2) [4]	%	52%	50%	51%	82%	99%	95%	98%	100%	94%	96%	100%	84%
Hotel/Club [5,13]	%	0%	0%	0%	0%	25%	50%	55%	40%	35%	55%	85%	90%
Restaurant (<120m2) [6,13]	%	0%	0%	0%	29%	35%	50%	47%	30%	20%	35%	60%	75%
Restaurant (120m2 to 1000m2) [6,13]	%	0%	0%	0%	29%	35%	50%	47%	30%	20%	35%	60%	75%
Restaurant (120m2 to 1000m2) On-Site [3]	%	0%	0%	0%	29%	35%	50%	47%	30%	20%	35%	60%	75%
Office (general) On-Site [2]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	0%	100%	96.0%	81.0%	81.0%	24.0%	39.0%	67.0%	67.0%	67.0%	0.0%	0.0%
Light industry [3]	%	0%	75%	90%	100%	75%	50%	0%	0%	0%	0%	0%	0%
Medical centre (On-Site) [8]	%	0%	100%	96.0%	81.0%	81.0%	24.0%	39.0%	67.0%	67.0%	67.0%	0.0%	0.0%
Community facility [9]	%	0%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%	60%
Place of worship [10]	%	0%	0%	2%	2%	2%	5%	5%	5%	5%	2%	0%	0%
Entertainment facility [11]	%	23%	23%	26%	30%	32%	34%	37%	34%	28%	37%	50%	46%
Motel [14]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [13]	%	0%	0%	25%	100%	50%	50%	25%	80%	50%	50%	2%	0%
Recreational facility (gym) [12]	%	14%	15%	41%	34%	26%	23%	18%	18%	28%	34%	41%	26%
Retail shops (<120m2) On-Site [3]	%	35%	35%	36%	60%	80%	90%	85%	70%	80%	82%	100%	76%
Retail shops (120m2 to 1000m2) On-Site [3]	%	35%	35%	36%	60%	80%	90%	85%	70%	80%	82%	100%	76%
Retail shops (>1000m2) Future [4]	%	52%	50%	51%	82%	99%	95%	98%	100%	94%	96%	100%	84%
Residential dwelling (Future) [13]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on Weekends
- [3] Based on observed parking demand
- [4] Based on parking demand results for Campsie Centre/Woolworths Car Park
- [5] Based on GTA Consultants database for a pub / hotel / tavern
- [6] Based on GTA Consultants database profile for restaurant
- [7] Based on GTA Consultants database rate for convenience restaurant
- [8] Based on GTA Consultants database rate for medical centre and opening hour of the main centre
- [9] Based on GTA Consultants' database profile for a shop or shopping centre
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [10] Based on hours of operation of the churches
- [11] Based on Parking Demand Survey Results for Orion Function Centre Carpark
- [12] Based on GTA Consultants database for gym
- [13] Based on GTA Consultants' estimation
- [14] Based on information gathered from Oasis Hotel (Campsie)

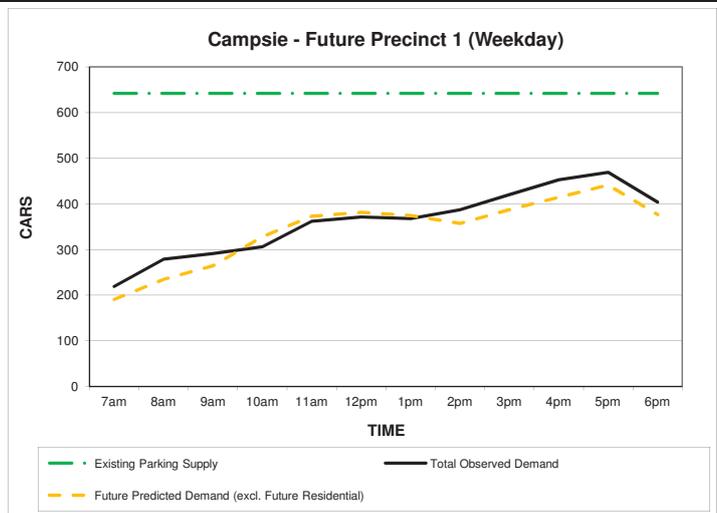
Campsie Future Model

Use	Unit	Campsie - Total Study Area											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	92	73	92	73	55	55	55	73	92	92	78	84
Office (general) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	43	43	44	73	97	109	103	85	97	100	122	93
Retail shops (120m2 to 1000m2)	vehicles	199	199	204	341	454	511	482	397	454	465	568	434
Retail shops (>1000m2)	vehicles	313	301	307	494	596	572	590	602	566	578	599	506
Hotel/Club	vehicles	0	0	0	0	31	61	67	49	43	67	104	110
Restaurant (<120m2)	vehicles	0	0	0	5	6	8	8	5	3	6	10	13
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	15	18	25	24	15	10	18	30	38
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Office (general) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	199	191	161	161	48	78	133	133	133	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	29	40	48	51	49	34	37	48	35	29	30
Place of worship	vehicles	0	0	4	4	4	9	9	9	9	9	4	0
Entertainment facility	vehicles	27	27	30	35	37	39	43	39	32	43	58	53
Motel	vehicles	1	1	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	9	34	17	17	9	28	17	17	1	0
Recreational facility (gym)	vehicles	5	5	14	12	9	8	6	6	10	12	14	9
Retail shops (<120m2) On-Site	vehicles	2	2	2	3	4	5	5	4	4	5	6	4
Retail shops (120m2 to 1000m2) On-Site	vehicles	4	4	4	7	9	10	9	8	9	9	11	8
Retail shops (>1000m2) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	486	486	486	486	486	486	486	486	486	486	486	486
<b>Sub Totals</b>		<b>1170</b>	<b>1368</b>	<b>1427</b>	<b>1790</b>	<b>2036</b>	<b>2015</b>	<b>2010</b>	<b>1978</b>	<b>2016</b>	<b>2076</b>	<b>2120</b>	<b>1869</b>
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	113	111	115	190	245	262	259	234	239	252	293	243
Short Term (Retail)	80%	452	443	460	759	979	1048	1036	937	957	1007	1170	971
Long Term (Residential)	100%	487	487	487	487	487	487	487	487	487	487	487	487
Short Term (Residential)	100%	92	73	92	73	55	55	55	73	92	92	78	84
Long Term (Other)	50%	13	128	132	124	126	73	82	110	112	110	45	42
Short Term (Other)	50%	13	128	132	124	126	73	82	110	112	110	45	42
Long Term (School)	25%	0	0	2	9	4	4	2	7	4	4	0	0
Short Term (School)	75%	0	0	6	26	13	13	6	21	13	13	1	0
<b>Existing Parking Supply</b>	<b>Total</b>	<b>1940</b>	<b>1940</b>	<b>1908</b>	<b>1908</b>	<b>1908</b>	<b>1908</b>	<b>1940</b>	<b>1940</b>	<b>1940</b>	<b>1940</b>	<b>1940</b>	<b>1940</b>
	85% of Total	1649	1649	1622	1622	1622	1622	1649	1649	1649	1649	1649	1649
	Total Long Term	1285	1285	1253	1253	1253	1253	1285	1285	1285	1285	1285	1285
	Total Short Term	566	566	566	566	566	566	566	566	566	566	566	566
	All Other Spaces	89	89	89	89	89	89	89	89	89	89	89	89
	Total Minus Long Term	655	655	655	655	655	655	655	655	655	655	655	655
<b>Total Observed Demand</b>	<b>Total</b>	<b>774</b>	<b>950</b>	<b>995</b>	<b>1287</b>	<b>1486</b>	<b>1432</b>	<b>1419</b>	<b>1431</b>	<b>1438</b>	<b>1541</b>	<b>1540</b>	<b>1301</b>
	Total Long Term	508	587	629	829	962	924	924	939	935	1000	1003	871
	Total Short Term	247	323	377	398	449	437	429	415	437	485	469	361
	All Other Spaces	19	40	49	60	75	71	66	77	66	56	68	69
	Total Minus Long Term	266	363	366	458	524	508	495	492	503	541	537	430
<b>Future Predicted Demand</b>	<b>Total</b>	<b>1170</b>	<b>1368</b>	<b>1427</b>	<b>1790</b>	<b>2036</b>	<b>2015</b>	<b>2010</b>	<b>1978</b>	<b>2016</b>	<b>2076</b>	<b>2120</b>	<b>1869</b>
	Long Term	613	725	736	809	862	826	830	838	842	853	825	771
	Short Term	557	643	691	981	1173	1189	1180	1140	1173	1222	1295	1097
	Future Predicted Demand (excl. Future Residential)	684	882	941	1304	1550	1529	1524	1492	1530	1590	1634	1383



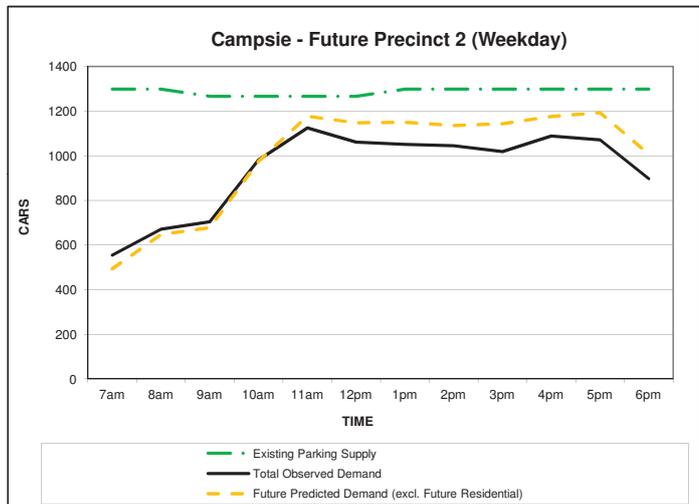
Campsie Future Model

Use	Unit	Campsie - Precinct 1											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	66	52	66	52	40	40	40	52	66	66	56	60
Office (general) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	16	16	16	27	36	40	38	31	36	37	45	34
Retail shops (120m2 to 1000m2)	vehicles	77	77	79	132	176	198	187	154	176	180	220	168
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	9	17	19	14	12	19	29	31
Restaurant (<120m2)	vehicles	0	0	0	1	1	1	1	1	1	1	2	2
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	7	8	12	11	7	5	8	14	17
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Office (general) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	57	55	46	46	14	22	38	38	38	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Entertainment facility	vehicles	23	23	26	30	32	34	37	34	28	37	49	45
Motel	vehicles	1	1	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	4	15	7	7	4	12	7	7	0	0
Recreational facility (gym)	vehicles	5	5	14	12	9	8	6	6	10	12	14	9
Retail shops (<120m2) On-Site	vehicles	2	2	2	3	4	5	5	4	4	5	6	4
Retail shops (120m2 to 1000m2) On-Site	vehicles	2	2	2	3	4	5	5	4	4	5	6	4
Retail shops (>1000m2) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	432	432	432	432	432	432	432	432	432	432	432	432
<b>Sub Totals</b>		<b>623</b>	<b>666</b>	<b>696</b>	<b>760</b>	<b>805</b>	<b>813</b>	<b>806</b>	<b>789</b>	<b>819</b>	<b>846</b>	<b>873</b>	<b>808</b>
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	20	20	23	37	49	57	54	44	49	53	67	54
Short Term (Retail)	80%	81	81	91	148	198	229	217	177	198	213	268	216
Long Term (Residential)	100%	433	433	433	433	433	433	433	433	433	433	433	433
Short Term (Residential)	100%	66	52	66	52	40	40	40	52	66	66	56	60
Long Term (Other)	50%	11	40	40	38	39	24	29	36	33	37	25	23
Short Term (Other)	50%	11	40	40	38	39	24	29	36	33	37	25	23
Long Term (School)	25%	0	0	1	4	2	2	1	3	2	2	0	0
Short Term (School)	75%	0	0	3	11	5	5	3	9	5	5	0	0
<b>Existing Parking Supply</b>	<b>Total</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>	<b>642</b>
	85% of Total	546	546	546	546	546	546	546	546	546	546	546	546
	Total Long Term	377	377	377	377	377	377	377	377	377	377	377	377
	Total Short Term	221	221	221	221	221	221	221	221	221	221	221	221
	All Other Spaces	44	44	44	44	44	44	44	44	44	44	44	44
	Total Minus Long Term	265	265	265	265	265	265	265	265	265	265	265	265
<b>Total Observed Demand</b>	<b>Total</b>	<b>219</b>	<b>279</b>	<b>291</b>	<b>306</b>	<b>362</b>	<b>371</b>	<b>368</b>	<b>387</b>	<b>420</b>	<b>453</b>	<b>469</b>	<b>404</b>
	Total Long Term	143	168	176	166	187	184	190	191	205	234	240	214
	Total Short Term	63	87	89	113	145	152	143	155	182	191	194	153
	All Other Spaces	13	24	26	27	30	35	35	41	33	28	35	37
	Total Minus Long Term	76	111	115	140	175	187	178	196	215	219	229	190
<b>Future Predicted Demand</b>	<b>Total</b>	<b>623</b>	<b>666</b>	<b>696</b>	<b>760</b>	<b>805</b>	<b>813</b>	<b>806</b>	<b>789</b>	<b>819</b>	<b>846</b>	<b>873</b>	<b>808</b>
	Long Term	465	493	497	511	523	516	518	516	517	525	525	510
	Short Term	158	173	199	249	282	298	289	273	302	321	349	299
	Future Predicted Demand (excl. Future Residential)	191	234	264	328	373	381	374	357	387	414	441	376



Campsie Future Model

Use	Unit	Campsie - Precinct 2											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	26	21	26	21	16	16	16	21	26	26	22	24
Office (general) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	27	27	28	46	61	69	65	54	61	63	77	59
Retail shops (120m2 to 1000m2)	vehicles	122	122	125	209	278	313	296	244	278	285	348	266
Retail shops (>1000m2)	vehicles	313	301	307	494	596	572	590	602	566	578	599	506
Hotel/Club	vehicles	0	0	0	0	22	44	48	35	31	48	75	79
Restaurant (<120m2)	vehicles	0	0	0	4	5	7	7	4	3	5	8	11
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	8	9	14	13	8	5	9	16	20
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Office (general) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	142	136	115	115	34	55	95	95	95	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	29	40	48	51	49	34	37	48	35	29	30
Place of worship	vehicles	0	0	4	4	4	9	9	9	9	9	4	0
Entertainment facility	vehicles	4	4	4	5	5	6	6	6	5	6	8	8
Motel	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	5	20	10	10	5	16	10	10	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (120m2 to 1000m2) On-Site	vehicles	2	2	2	3	4	5	5	4	4	5	6	4
Retail shops (>1000m2) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	54	54	54	54	54	54	54	54	54	54	54	54
<b>Sub Totals</b>		547	701	731	1030	1231	1201	1203	1189	1196	1229	1247	1060
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	93	90	92	153	195	205	205	190	190	199	226	189
Short Term (Retail)	80%	371	361	369	611	781	819	819	760	759	795	903	755
Long Term (Residential)	100%	54	54	54	54	54	54	54	54	54	54	54	54
Short Term (Residential)	100%	26	21	26	21	16	16	16	21	26	26	22	24
Long Term (Other)	50%	2	88	92	86	87	49	53	74	79	73	21	19
Short Term (Other)	50%	2	88	92	86	87	49	53	74	79	73	21	19
Long Term (School)	25%	0	0	1	5	2	2	1	4	2	2	0	0
Short Term (School)	75%	0	0	4	15	7	7	4	12	7	7	0	0
<b>Existing Parking Supply</b>	Total	1298	1298	1266	1266	1266	1266	1298	1298	1298	1298	1298	1298
	85% of Total	1103	1103	1076	1076	1076	1076	1103	1103	1103	1103	1103	1103
	Total Long Term	908	908	876	876	876	876	908	908	908	908	908	908
	Total Short Term	345	345	345	345	345	345	345	345	345	345	345	345
	All Other Spaces	45	45	45	45	45	45	45	45	45	45	45	45
	Total Minus Long Term	390	390	390	390	390	390	390	390	390	390	390	390
<b>Total Observed Demand</b>	Total	555	671	704	981	1124	1061	1051	1044	1018	1088	1071	897
	Total Long Term	365	419	453	663	775	740	734	748	730	766	763	657
	Total Short Term	184	236	228	285	304	285	286	260	255	294	275	208
	All Other Spaces	6	16	23	33	45	36	31	36	33	28	33	32
	Total Minus Long Term	190	252	251	318	349	321	317	296	288	322	308	240
<b>Future Predicted Demand</b>	Total	547	701	731	1030	1231	1201	1203	1189	1196	1229	1247	1060
	Long Term	149	232	240	297	339	310	313	322	325	328	301	262
	Short Term	399	469	491	732	892	891	891	867	871	901	946	798
	Future Predicted Demand (excl. Future Residential)	493	647	677	976	1177	1147	1149	1135	1142	1175	1193	1006



**Campsie Future Land Use (Saturday)**

Use	Unit	Size		
		Total	Precinct	
			1	2
Residential dwelling (visitor)	Dwellings	1211	867	344
Office (general)	sqm	26115	9367	16748
Retail shops (<120m2)	sqm	8103	2990	5113
Retail shops (120m2 to 1000m2)	sqm	22703	8786	13917
Retail shops (>1000m2)	sqm	16267	0	16267
Hotel/Club	sqm public floor area	1526	427	1100
Restaurant (<120m2)	sqm	1672	261	1411
Restaurant (120m2 to 1000m2)	sqm	3864	1781	2083
Restaurant (120m2 to 1000m2) On-Site	sqm	0	0	0
Office (general) On-Site	sqm	0	0	0
Child care centre	Children	16	16	0
Medical centre	room	100	29	71
Light industry	sqm	513	513	0
Medical centre (On-Site)	room	0	0	0
Community facility	sqm	2632	0	2632
Place of worship	sqm	2855	0	2855
Entertainment facility	sqm	1445	1236	209
Motel	room	13	13	0
Educational establishment	sqm	1722	733	989
Recreational facility (gym)	sqm	467	467	0
Retail shops (<120m2) On-Site	sqm	500	500	0
Retail shops (120m2 to 1000m2) On-Site	sqm	1500	750	750
Retail shops (>1000m2) (Future)	sqm	0	0	0
Residential dwelling (Future)	Dwellings	405	360	45

**Campsie Future Car Parking Rates (Saturday)**

Use	Unit (spaces per)	Size		
		Off-Site Parking Rate	Precinct	
			1	2
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12	0.12
Office (general) [2]	sqm	0	0	0
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.015	0.015	0.015
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.025	0.025	0.025
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0.037	0.037	0.037
Hotel/Club [5]	sqm public floor area	0.08	0.08	0.08
Restaurant (<120m <sup>2</sup> ) [3]	sqm	0.01	0.01	0.01
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.013	0.013	0.013
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) On-Site [6]	sqm	0.010	0.009887	0.00989
Office (general) On-Site [6]	sqm	0	0	0
Child care centre [2]	children	0	0	0
Medical centre [7]	room	2	2	2
Light industry [8]	sqm	0	0	0
Medical centre (On-Site) [6]	room	0.012	0.011696	0.0117
Community facility [10]	sqm	0.0192	0.0192	0.0192
Place of worship [11]	sqm	0.066	0.066	0.066
Entertainment facility [12]	sqm	0.08	0.08	0.08
Motel [13]	room	0.07	0.07	0.07
Educational establishment [14]	sqm	0.02	0.02	0.02
Recreational facility (gym) [9]	sqm	0.075	0.075	0.075
Retail shops (<120m <sup>2</sup> ) On-Site [6]	sqm	0.011	0.011175	0.01117
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) On-Site [6]	sqm	0.007	0.007411	0.0074
Retail shops (>1000m <sup>2</sup> ) Future [4]	sqm	0.037	0.037	0.037
Residential dwelling (Future) [9]	Dwellings	1.2	1.2	1.2

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on owner/employee parking on-site

[4] Based on demand for Campsie Centre/Woolworths Car Park

[5] Based on GTA Consultants database rate for nightclub

[6] Based on difference between total rate and off-site rate

[7] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[8] Based on business providing on-site parking

[9] Based on City of Canterbury DCP

[10] Based on GTA Consultants database rate for Library

[11] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[12] Based on demand for Orion Function Centre Car Park

[13] Based on information gathered from Oasis Hotel (Campsie)

[14] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

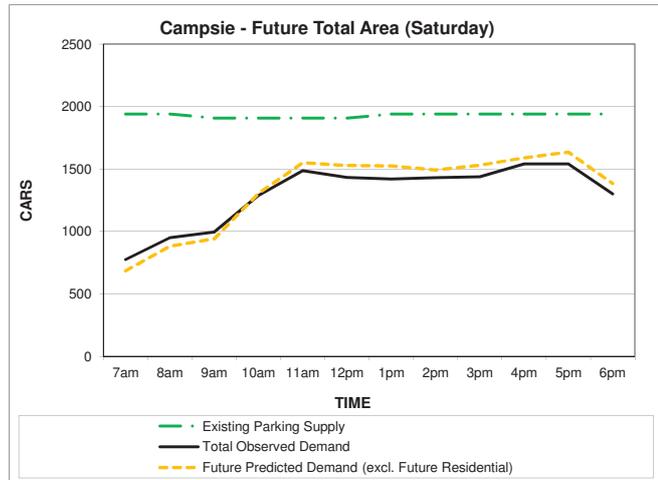
Campsie Future Temporal Profiles (Saturday)

Use	Unit	Temporal Profile											
		Total Area											
		7:00am	8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm
Residential dwelling (visitor) [1]	%	63%	50%	63%	50%	38%	38%	38%	50%	63%	63%	54%	58%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	35%	35%	36%	60%	80%	90%	85%	70%	80%	82%	100%	76%
Retail shops (>1000m2) [4]	%	52%	50%	51%	82%	99%	95%	98%	100%	94%	96%	100%	84%
Hotel/Club [5,13]	%	0%	0%	0%	0%	25%	50%	55%	40%	35%	55%	86%	90%
Restaurant (<120m2) [6,13]	%	0%	0%	0%	29%	35%	50%	47%	30%	20%	35%	60%	75%
Restaurant (120m2 to 1000m2) [6,13]	%	0%	0%	0%	29%	35%	50%	47%	30%	20%	35%	60%	75%
Restaurant (120m2 to 1000m2) On-Site [3]	%	0%	0%	0%	29%	35%	50%	47%	30%	20%	35%	60%	75%
Office (general) On-Site [2]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	0%	100%	96.0%	81.0%	81.0%	24.0%	39.0%	67.0%	67.0%	67.0%	0.0%	0.0%
Light industry [3]	%	0%	75%	90%	100%	75%	50%	0%	0%	0%	0%	0%	0%
Medical centre (On-Site) [8]	%	0%	100%	96.0%	81.0%	81.0%	24.0%	39.0%	67.0%	67.0%	67.0%	0.0%	0.0%
Community facility [9]	%	0%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%	60%
Place of worship [10]	%	0%	0%	2%	2%	2%	5%	5%	5%	5%	5%	2%	0%
Entertainment facility [11]	%	23%	23%	26%	30%	32%	34%	37%	34%	28%	37%	50%	46%
Motel [14]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [13]	%	0%	0%	25%	100%	50%	50%	25%	80%	50%	50%	2%	0%
Recreational facility (gym) [12]	%	14%	15%	41%	34%	26%	23%	18%	18%	28%	34%	41%	26%
Retail shops (<120m2) On-Site [3]	%	35%	35%	36%	60%	80%	90%	85%	70%	80%	82%	100%	76%
Retail shops (120m2 to 1000m2) On-Site [3]	%	35%	35%	36%	60%	80%	90%	85%	70%	80%	82%	100%	76%
Retail shops (>1000m2) Future [4]	%	52%	50%	51%	82%	99%	95%	98%	100%	94%	96%	100%	84%
Residential dwelling (Future) [13]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on Weekends
- [3] Based on observed parking demand
- [4] Based on parking demand results for Campsie Centre/Woolworths Car Park
- [5] Based on GTA Consultants database for a pub / hotel / tavern
- [6] Based on GTA Consultants database profile for restaurant
- [7] Based on GTA Consultants database rate for convenience restaurant
- [8] Based on GTA Consultants database rate for medical centre and opening hour of the main centre
- [9] Based on GTA Consultants' database profile for a shop or shopping centre
- [10] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [11] Based on hours of operation of the churches
- [12] Based on Parking Demand Survey Results for Orion Function Centre Carpark
- [13] Based on GTA Consultants database for gym
- [14] Based on information gathered from Oasis Hotel (Campsie)

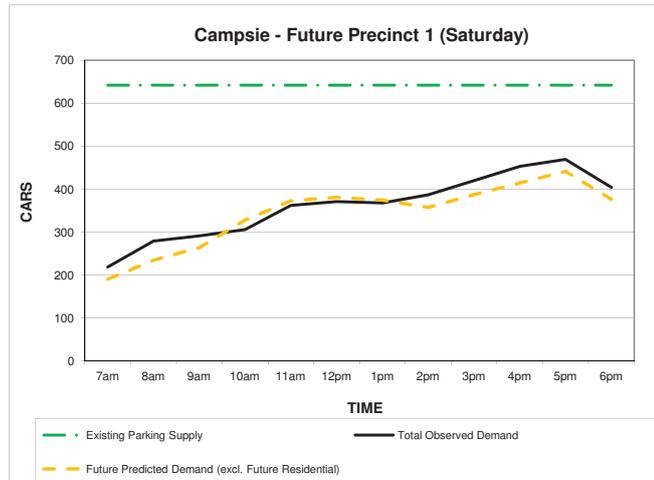
Campsie Future Model (Saturday)

Use	Unit	Campsie - Total Study Area											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	92	73	92	73	55	55	55	73	92	92	78	84
Office (general)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	43	43	44	73	97	109	103	85	97	100	122	93
Retail shops (120m2 to 1000m2)	vehicles	199	199	204	341	454	511	482	397	454	465	568	434
Retail shops (>1000m2)	vehicles	313	301	307	494	596	572	590	602	566	578	599	506
Hotel/Club	vehicles	0	0	0	0	31	61	67	49	43	67	104	110
Restaurant (<120m2)	vehicles	0	0	0	5	6	8	8	5	3	6	10	13
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	15	18	25	24	15	10	18	30	38
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Office (general) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	199	191	161	161	48	78	133	133	133	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	29	40	48	51	49	34	37	48	35	29	30
Place of worship	vehicles	0	0	4	4	4	9	9	9	9	9	4	0
Entertainment facility	vehicles	27	27	30	35	37	39	43	39	32	43	58	53
Motel	vehicles	1	1	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	9	34	17	17	9	28	17	17	1	0
Recreational facility (gym)	vehicles	5	5	14	12	9	8	6	6	10	12	14	9
Retail shops (<120m2) On-Site	vehicles	2	2	2	3	4	5	5	4	4	5	6	4
Retail shops (120m2 to 1000m2) On-Site	vehicles	4	4	4	7	9	10	9	8	9	9	11	8
Retail shops (>1000m2) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	486	486	486	486	486	486	486	486	486	486	486	486
<b>Sub Totals</b>		1170	1368	1427	1790	2036	2015	2010	1978	2016	2076	2120	1869
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	113	111	115	190	245	262	259	234	239	252	293	243
Short Term (Retail)	80%	452	443	460	759	979	1048	1036	937	957	1007	1170	971
Long Term (Residential)	100%	487	487	487	487	487	487	487	487	487	487	487	487
Short Term (Residential)	100%	92	73	92	73	55	55	55	73	92	92	78	84
Long Term (Other)	50%	13	128	132	124	126	73	82	110	112	110	45	42
Short Term (Other)	50%	13	128	132	124	126	73	82	110	112	110	45	42
Long Term (School)	25%	0	0	2	9	4	4	2	7	4	4	0	0
Short Term (School)	75%	0	0	6	26	13	13	6	21	13	13	1	0
<b>Existing Parking Supply</b>													
Total		1940	1940	1908	1908	1908	1908	1940	1940	1940	1940	1940	1940
85% of Total		1649	1649	1622	1622	1622	1622	1649	1649	1649	1649	1649	1649
Total Long Term		1285	1285	1253	1253	1253	1253	1285	1285	1285	1285	1285	1285
Total Short Term		566	566	566	566	566	566	566	566	566	566	566	566
All Other Spaces		89	89	89	89	89	89	89	89	89	89	89	89
Total Minus Long Term		655	655	655	655	655	655	655	655	655	655	655	655
<b>Total Observed Demand</b>													
Total		774	950	995	1287	1486	1432	1419	1431	1438	1541	1540	1301
Total Long Term		508	587	629	829	962	924	924	939	935	1000	1003	871
Total Short Term		247	323	317	398	449	437	429	415	437	485	469	351
All Other Spaces		19	40	49	60	75	71	66	77	66	56	68	69
Total Minus Long Term		266	363	366	458	524	508	495	492	503	541	537	430
<b>Future Predicted Demand</b>													
Total		1170	1368	1427	1790	2036	2015	2010	1978	2016	2076	2120	1869
Long Term		613	725	736	809	862	826	830	838	842	853	825	771
Short Term		557	643	691	981	1173	1189	1180	1140	1173	1222	1295	1097
Future Predicted Demand (excl. Future Residential)		684	882	941	1304	1550	1529	1524	1492	1530	1590	1634	1389



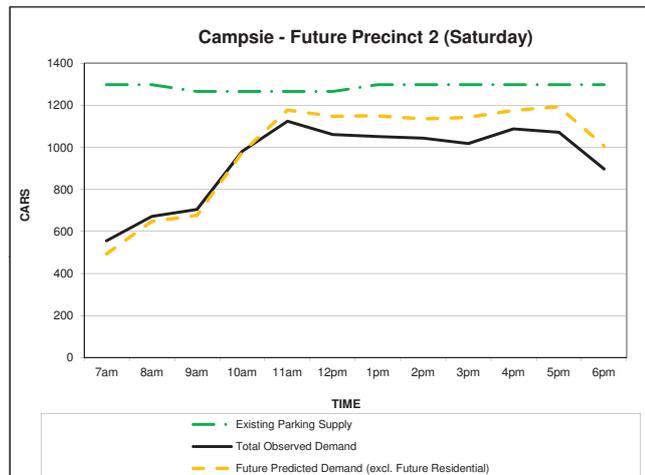
Campsie Future Model (Saturday)

Use	Unit	Campsie - Precinct 1											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	66	52	66	52	40	40	40	52	66	66	56	60
Office (general)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	16	16	16	27	36	40	38	31	36	37	45	34
Retail shops (120m2 to 1000m2)	vehicles	77	77	79	132	176	198	187	154	176	180	220	168
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	9	17	19	14	12	19	29	31
Restaurant (<120m2)	vehicles	0	0	0	1	1	1	1	1	1	1	2	2
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	7	8	12	11	7	5	8	14	17
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Office (general) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	57	55	46	46	14	22	38	38	38	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Entertainment facility	vehicles	23	23	26	30	32	34	37	34	28	37	49	45
Motel	vehicles	1	1	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	4	15	7	7	4	12	7	7	0	0
Recreational facility (gym)	vehicles	5	5	14	12	9	8	6	6	10	12	14	9
Retail shops (<120m2) On-Site	vehicles	2	2	2	3	4	5	5	4	4	5	6	4
Retail shops (120m2 to 1000m2) On-Site	vehicles	2	2	2	3	4	5	5	4	4	5	6	4
Retail shops (>1000m2) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	432	432	432	432	432	432	432	432	432	432	432	432
<b>Sub Totals</b>		623	666	696	760	805	813	806	789	819	846	873	808
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	20	20	23	37	49	57	54	44	49	53	67	54
Short Term (Retail)	80%	81	81	91	148	198	229	217	177	198	213	268	216
Long Term (Residential)	100%	432	432	432	432	432	432	432	432	432	432	432	432
Short Term (Residential)	100%	66	52	66	52	40	40	40	52	66	66	56	60
Long Term (Other)	50%	11	40	40	38	39	24	29	36	33	37	25	23
Short Term (Other)	50%	11	40	40	38	39	24	29	36	33	37	25	23
Long Term (School)	25%	0	0	1	4	2	2	1	3	2	2	0	0
Short Term (School)	75%	0	0	3	11	5	5	3	9	5	5	0	0
<b>Existing Parking Supply</b>													
Total		642	642	642	642	642	642	642	642	642	642	642	642
85% of Total		546	546	546	546	546	546	546	546	546	546	546	546
Total Long Term		377	377	377	377	377	377	377	377	377	377	377	377
Total Short Term		221	221	221	221	221	221	221	221	221	221	221	221
All Other Spaces		44	44	44	44	44	44	44	44	44	44	44	44
Total Minus Long Term		265	265	265	265	265	265	265	265	265	265	265	265
<b>Total Observed Demand</b>													
Total		219	279	291	306	362	371	368	387	420	453	469	404
Total Long Term		143	168	176	166	187	184	190	191	205	234	240	214
Total Short Term		63	87	89	113	145	152	143	155	182	191	194	153
All Other Spaces		13	24	26	27	30	35	35	41	33	28	35	37
Total Minus Long Term		76	111	114	140	175	187	178	196	215	219	229	190
<b>Future Predicted Demand</b>													
Total		623	666	696	760	805	813	806	789	819	846	873	808
Long Term		465	493	497	511	523	516	518	516	517	525	525	510
Short Term		158	173	199	249	282	298	289	273	302	321	349	299
Future Predicted Demand (excl. Future Residential)		191	234	264	328	373	381	374	357	387	414	441	376



Campsie Future Model (Saturday)

Use	Unit	Campsie - Precinct 2											
		7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm
Residential dwelling (visitor)	vehicles	26	21	26	21	16	16	16	21	26	26	22	24
Office (general)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	27	27	28	46	61	69	65	54	61	63	77	59
Retail shops (120m2 to 1000m2)	vehicles	122	122	125	209	278	313	296	244	278	285	348	266
Retail shops (>1000m2)	vehicles	313	301	307	494	596	572	590	602	566	578	599	506
Hotel/Club	vehicles	0	0	0	0	22	44	48	35	31	48	75	79
Restaurant (<120m2)	vehicles	0	0	0	4	5	7	7	4	3	5	8	11
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	8	9	14	13	8	5	9	16	20
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Office (general) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	0	142	136	115	115	34	55	95	95	95	0	0
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	29	40	48	51	49	34	37	48	35	29	30
Place of worship	vehicles	0	0	4	4	4	9	9	9	9	9	4	0
Entertainment facility	vehicles	4	4	4	5	5	6	6	6	5	6	8	8
Motel	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	5	20	10	10	5	16	10	10	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (<120m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Retail shops (120m2 to 1000m2) On-Site	vehicles	2	2	2	3	4	5	5	4	4	5	6	4
Retail shops (>1000m2) Future	vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	54	54	54	54	54	54	54	54	54	54	54	54
<b>Sub Totals</b>		<b>547</b>	<b>701</b>	<b>731</b>	<b>1030</b>	<b>1231</b>	<b>1201</b>	<b>1203</b>	<b>1189</b>	<b>1196</b>	<b>1229</b>	<b>1247</b>	<b>1060</b>
Long Term (Professional)	90%	0	0	0	0	0	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term (Retail)	20%	93	90	92	153	195	205	190	190	190	199	226	189
Short Term (Retail)	80%	371	361	369	611	781	819	819	760	759	795	903	755
Long Term (Residential)	100%	54	54	54	54	54	54	54	54	54	54	54	54
Short Term (Residential)	100%	26	21	26	21	16	16	16	21	26	26	22	24
Long Term (Other)	50%	2	88	92	86	87	49	53	74	79	73	21	19
Short Term (Other)	50%	2	88	92	86	87	49	53	74	79	73	21	19
Long Term (School)	25%	0	0	1	5	2	2	1	4	2	2	0	0
Short Term (School)	75%	0	0	4	15	7	7	4	12	7	7	0	0
<b>Existing Parking Supply</b>	<b>Total</b>	<b>1298</b>	<b>1298</b>	<b>1266</b>	<b>1266</b>	<b>1266</b>	<b>1266</b>	<b>1298</b>	<b>1298</b>	<b>1298</b>	<b>1298</b>	<b>1298</b>	<b>1298</b>
	85% of Total	1103	1103	1076	1076	1076	1076	1103	1103	1103	1103	1103	1103
	Total Long Term	908	908	876	876	876	876	908	908	908	908	908	908
	Total Short Term	345	345	345	345	345	345	345	345	345	345	345	345
	All Other Spaces	45	45	45	45	45	45	45	45	45	45	45	45
	Total Minus Long Term	390	390	390	390	390	390	390	390	390	390	390	390
<b>Total Observed Demand</b>	<b>Total</b>	<b>555</b>	<b>671</b>	<b>704</b>	<b>981</b>	<b>1124</b>	<b>1061</b>	<b>1051</b>	<b>1044</b>	<b>1018</b>	<b>1088</b>	<b>1071</b>	<b>897</b>
	Total Long Term	365	419	453	663	775	740	734	748	730	766	763	697
	Total Short Term	184	236	228	285	304	285	286	260	255	294	275	208
	All Other Spaces	6	16	23	33	45	36	31	36	33	28	33	32
	Total Minus Long Term	190	252	251	318	349	321	317	296	288	322	308	240
<b>Future Predicted Demand</b>	<b>Total</b>	<b>547</b>	<b>701</b>	<b>731</b>	<b>1030</b>	<b>1231</b>	<b>1201</b>	<b>1203</b>	<b>1189</b>	<b>1196</b>	<b>1229</b>	<b>1247</b>	<b>1060</b>
	Long Term	149	232	240	297	339	310	313	322	325	328	301	261
	Short Term	399	469	491	732	892	891	891	867	871	901	946	799
	Future Predicted Demand (excl. Future Residential)	493	647	677	976	1177	1147	1149	1135	1142	1175	1193	1006



Canterbury Future Land Use

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	1279	1279
Office (general) Future	sqm	1000	1000
Retail shops (<120m2)	sqm	1908	1908
Retail shops (120m2 to 1000m2)	sqm	8400	8400
Retail shops (>1000m2)	sqm	6619	6619
Hotel/Club	sqm public floor area	691	691
Restaurant (<120m2)	sqm	444	444
Restaurant (120m2 to 1000m2)	sqm	3000	3000
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	21	21
Light industry	sqm	17341	17341
Service station	sqm retail space	0	0
Retail shops (<120m2) Future	sqm	1000	1000
Retail shops (120m2 to 1000m2) Future	sqm	4000	4000
Office (general) On-Site	sqm	1000	1000
Medical centre (On-Site)	room	16	16
Restaurant (120m2 to 1000m2) On-Site	sqm	3000	3000
Recreational facility (gym)	sqm	110	110
Canterbury Future Retail shops (<120m2) On-S	sqm	1000	1000
Retail shops (120m2 to 1000m2) On-Site	sqm	4000	4000
Retail shops (>1000m2) Future	sqm	3000	3000
Residential dwelling (Future)	Dwellings	1100	1100

**Canterbury Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) Future [6]	sqm	0.025	0.025
Retail shops (<120m2) [3]	sqm	0.01	0.01
Retail shops (120m2 to 1000m2) [3]	sqm	0.012	0.012
Retail shops (>1000m2) [4]	sqm	0.014	0.014
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [6]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [6]	sqm	0.033	0.033
Restaurant (>1000m2) [6]	sqm	0	0
Restaurant - drive-through take-away [7]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [8]	room	2	2
Light industry [3]	sqm	0.0025	0.0025
Service station [6]	sqm retail space	0.05	0.05
Retail shops (<120m2) Future [13]	sqm	0.022	0.022
Retail shops (120m2 to 1000m2) Future [13]	sqm	0.03	0.03
Office (general) On-Site [11]	sqm	0	0
Medical centre (On-Site) [11]	room	0	0
Restaurant (120m2 to 1000m2) On-Site [11]	sqm	0	0
Recreational facility (gym)	sqm	0.075	0.075
Retail shops (<120m2) On-Site [11]	sqm	0.003	0.003474
Retail shops (120m2 to 1000m2) On-Site [11]	sqm	0.004	0.003854
Retail shops (>1000m2) (Future) [12]	sqm	0.037	0.037
Residential dwelling (Future) [6]	Dwellings	1.2	1.2

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Assumed not open on weekend
- [3] Based on Businesses having on-site parking
- [4] Changed to match observed demand of Aldi Car Park
- [5] Based on GTA Consultants database rate for nightclub
- [6] Based on City of Canterbury DCP
- [7] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area
- [8] Based on City of Canterbury DCP rate, assuming 50m2 per room
- [9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [11] Based on difference between total rate and off-site rate
- [12] Based on Campsie Retail shops (>1000m2) rate
- [13] Based on highest rate obtained in town centre analysis

**Canterbury Future Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) Future [7]	%	87%	99%	100%	97%	90%	97%	97%
Retail shops (<120m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (120m2 to 1000m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (>1000m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Hotel/Club [4]	%	0%	0%	18%	50%	50%	40%	50%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	95%	100%	95%	90%	85%	80%	60%
Service station [9]	%	37%	80%	97%	96%	99%	100%	90%
Retail shops (<120m2) Future [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (120m2 to 1000m2) Future [3]	%	83%	99%	90%	100%	90%	87%	75%
Office (general) On-Site [2]	%	63%	50%	38%	38%	38%	50%	63%
Medical centre (On-Site) [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Restaurant (120m2 to 1000m2) On-Site [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Recreational facility (gym) [10]	%	41%	34%	26%	23%	18%	18%	28%
Retail shops (<120m2) On-Site [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (120m2 to 1000m2) On-Site [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (>1000m2) Future [3]	%	83%	99%	90%	100%	90%	87%	75%
Residential dwelling (Future) [7]	%	100%	100%	100%	100%	100%	100%	100%

- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekend
- [3] Based on parking demand on Aldi Car Park and Charles Street
- [4] Based on GTA Consultants database for a pub / hotel / tavern
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on GTA Consultants' database profile for a shop or shopping centre
- [10] Based on GTA Consultants database for Minor Sports & Recreation Facility

# Future Car Parking Model

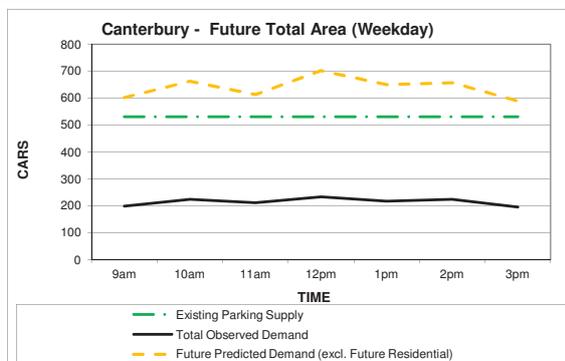


## Canterbury Future Model

Use	Unit	Canterbury - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	97	77	58	58	58	77	97
Office (general) Future	vehicles	22	25	25	24	23	24	24
Retail shops (<120m2)	vehicles	16	19	17	19	17	17	14
Retail shops (120m2 to 1000m2)	vehicles	84	100	91	101	91	88	76
Retail shops (>1000m2)	vehicles	77	92	83	93	83	81	69
Hotel/Club	vehicles	0	0	10	28	28	22	28
Restaurant (<120m2)	vehicles	0	1	1	6	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	5	10	54	50	47	23
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-aw	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	36	30	30	6	12	24	24
Light industry	vehicles	41	43	41	39	37	35	26
Service station	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2) Future	vehicles	18	22	20	22	20	19	17
Retail shops (120m2 to 1000m2) Future	vehicles	100	119	108	120	108	104	90
Office (general) On-Site	vehicles	0	0	0	0	0	0	0
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	3	3	2	2	1	1	2
Retail shops (<120m2) On-Site	vehicles	3	3	3	3	3	3	3
Retail shops (120m2 to 1000m2) On-Site	vehicles	13	15	14	15	14	13	12
Retail shops (>1000m2) Future	vehicles	92	110	100	111	100	97	83
Residential dwelling (Future)	vehicles	1320	1320	1320	1320	1320	1320	1320

Sub Totals		1921	1983	1933	2022	1970	1977	1909
Long Term (Professional)	90%	57	61	60	57	54	53	45
Short Term (Professional)	10%	6	7	7	6	6	6	5
Long Term (Retail)	20%	58	69	66	87	78	75	62
Short Term (Retail)	80%	230	278	265	346	314	299	250
Long Term (Residential)	100%	1320	1320	1320	1320	1320	1320	1320
Short Term (Residential)	100%	97	77	58	58	58	77	97
Long Term (Other)	50%	77	85	79	74	70	74	65
Short Term (Other)	50%	77	85	79	74	70	74	65
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Existing Parking Supply	Total	531	531	531	531	531	531	531
	85% of Total	451	451	451	451	451	451	451
	Total Long Term	423	423	423	423	423	423	423
	Total Short Term	53	53	53	53	53	53	53
	All Other Spaces	55	55	55	55	55	55	55
	Total Minus Long Term	108	108	108	108	108	108	108
Total Observed Demand	Total	199	224	212	234	217	224	196
	Total Long Term	167	191	175	192	177	179	150
	Total Short Term	32	33	37	42	40	45	46
	All Other Spaces	0	0	0	1	0	0	0
	Total Minus Long Term	32	33	37	42	40	45	46
Future Predicted Demand	Total	1921	1983	1933	2022	1970	1977	1909
	Long Term	1511	1536	1525	1537	1522	1522	1492
	Short Term	410	447	409	485	448	455	417
	Future Predicted Demand (excl. Future Residential)	601	663	613	702	650	657	586



Canterbury Future Land Use (Saturday)

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	1279	1279
Office (general)	sqm	4866	4866
Retail shops (<120m2)	sqm	1908	1908
Retail shops (120m2 to 1000m2)	sqm	8400	8400
Retail shops (>1000m2)	sqm	6619	6619
Hotel/Club	sqm public floor area	691	691
Restaurant (<120m2)	sqm	444	444
Restaurant (120m2 to 1000m2)	sqm	3000	3000
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	21	21
Light industry	sqm	17341	17341
Service station	sqm retail space	0	0
Retail shops (<120m2) Future	sqm	1000	1000
Retail shops (120m2 to 1000m2) Future	sqm	4000	4000
Office (general) On-Site	sqm	1000	1000
Medical centre (On-Site)	room	16	16
Restaurant (120m2 to 1000m2) On-Site	sqm	3000	3000
Recreational facility (gym)	sqm	110	110
Retail shops (<120m2) On-Site	sqm	1000	1000
Retail shops (120m2 to 1000m2) On-Site	sqm	4000	4000
Retail shops (>1000m2) Future	sqm	3000	3000
Residential dwelling (Future)	Dwellings	1100	1100

**Canterbury Future Car Parking Rates (Saturday)**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m2) [3]	sqm	0.01	0.01
Retail shops (120m2 to 1000m2) [3]	sqm	0.012	0.012
Retail shops (>1000m2) [4]	sqm	0.014	0.014
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [6]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [6]	sqm	0.033	0.033
Restaurant (>1000m2) [6]	sqm	0	0
Restaurant - drive-through take-away [7]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [8]	room	2	2
Light industry [3]	sqm	0.0025	0.0025
Service station [6]	sqm retail space	0.05	0.05
Retail shops (<120m2) Future [13]	sqm	0.022	0.022
Retail shops (120m2 to 1000m2) Future [13]	sqm	0.03	0.03
Office (general) On-Site [11]	sqm	0	0
Medical centre (On-Site) [11]	room	0	0
Restaurant (120m2 to 1000m2) On-Site [11]	sqm	0	0
Recreational facility (gym)	sqm	0.075	0.075
Retail shops (<120m2) On-Site [11]	sqm	0.003	0.003474
Retail shops (120m2 to 1000m2) On-Site [11]	sqm	0.004	0.003854
Retail shops (>1000m2) (Future) [12]	sqm	0.037	0.037
Residential dwelling (Future) [6]	Dwellings	1.2	1.2

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on Businesses having on-site parking

[4] Changed to match observed demand of Aldi Car Park

[5] Based on GTA Consultants database rate for nightclub

[6] Based on City of Canterbury DCP

[7] Based on City of Canterbury DCP, assuming 75% of GFA is public floor area

[8] Based on City of Canterbury DCP rate, assuming 50m2 per room

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[11] Based on difference between total rate and off-site rate

[12] Based on Campsie Retail shops (>1000m2) rate

[13] Based on highest rate obtained in town centre analysis

**Canterbury Future Temporal Profiles (Saturday)**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (120m2 to 1000m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (>1000m2) [3]	%	83%	99%	90%	100%	90%	87%	75%
Hotel/Club [4]	%	0%	0%	18%	50%	50%	40%	50%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [6]	%	95%	100%	95%	90%	85%	80%	60%
Service station [9]	%	37%	80%	97%	96%	99%	100%	90%
Retail shops (<120m2) Future [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (120m2 to 1000m2) Future [3]	%	83%	99%	90%	100%	90%	87%	75%
Office (general) On-Site [2]	%	63%	50%	38%	38%	38%	50%	63%
Medical centre (On-Site) [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Restaurant (120m2 to 1000m2) On-Site [5,7]	%	0%	5%	10%	55%	50%	47%	23%
Recreational facility (gym) [10]	%	41%	34%	26%	23%	18%	18%	28%
Retail shops (<120m2) On-Site [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (120m2 to 1000m2) On-Site [3]	%	83%	99%	90%	100%	90%	87%	75%
Retail shops (>1000m2) Future [3]	%	83%	99%	90%	100%	90%	87%	75%
Residential dwelling (Future) [7]	%	100%	100%	100%	100%	100%	100%	100%

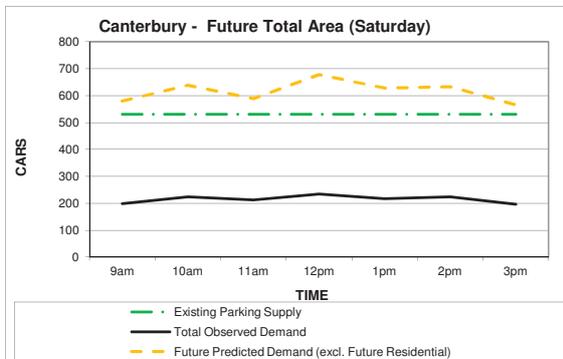
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekend
- [3] Based on parking demand on Aldi Car Park and Charles Street
- [4] Based on GTA Consultants database for a pub / hotel / tavern
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on GTA Consultants' database profile for a shop or shopping centre
- [10] Based on GTA Consultants database for Minor Sports & Recreation Facility

Canterbury Future Model (Saturday)

Use	Unit	Canterbury - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	97	77	58	58	58	77	97
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	16	19	17	19	17	17	14
Retail shops (120m2 to 1000m2)	vehicles	84	100	91	101	91	88	76
Retail shops (>1000m2)	vehicles	77	92	83	93	83	81	69
Hotel/Club	vehicles	0	0	10	28	28	22	28
Restaurant (<120m2)	vehicles	0	1	1	6	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	5	10	54	50	47	23
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-av	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	36	30	30	6	12	24	24
Light industry	vehicles	41	43	41	39	37	35	26
Service station	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2) Future	vehicles	18	22	20	22	20	19	17
Retail shops (120m2 to 1000m2) Future	vehicles	100	119	108	120	108	104	90
Office (general) On-Site	vehicles	0	0	0	0	0	0	0
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0
Restaurant (120m2 to 1000m2) On	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	3	3	2	2	1	1	2
Retail shops (<120m2) On-Site	vehicles	3	3	3	3	3	3	3
Retail shops (120m2 to 1000m2) On	vehicles	13	15	14	15	14	13	12
Retail shops (>1000m2) Future	vehicles	92	110	100	111	100	97	83
Residential dwelling (Future)	vehicles	1320	1320	1320	1320	1320	1320	1320

Sub Totals		1899	1958	1908	1998	1948	1952	1885
Long Term (Professional)	90%	37	39	37	35	33	31	23
Short Term (Professional)	10%	4	4	4	4	4	3	3
Long Term (Retail)	20%	58	69	66	87	78	75	62
Short Term (Retail)	80%	230	278	265	346	314	299	250
Long Term (Residential)	100%	1320	1320	1320	1320	1320	1320	1320
Short Term (Residential)	100%	97	77	58	58	58	77	97
Long Term (Other)	50%	77	85	79	74	70	74	65
Short Term (Other)	50%	77	85	79	74	70	74	65
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Existing Parking Supply	Total	531	531	531	531	531	531	531
	85% of Total	451	451	451	451	451	451	451
	Total Long Term	423	423	423	423	423	423	423
	Total Short Term	53	53	53	53	53	53	53
	All Other Spaces	55	55	55	55	55	55	55
	Total Minus Long Term	108	108	108	108	108	108	108
Total Observed Demand	Total	199	224	212	234	217	224	196
	Total Long Term	167	191	175	192	177	179	150
	Total Short Term	32	33	37	42	40	45	46
	All Other Spaces	0	0	0	1	0	0	0
	Total Minus Long Term	32	33	37	42	40	45	46
Future Predicted Demand	Total	1899	1958	1908	1998	1948	1952	1885
	Long Term	1492	1514	1502	1516	1502	1500	1472
	Short Term	408	444	406	482	446	453	414
	Future Predicted Demand (excl. Future Residential)	579	638	588	678	628	632	565



**Croydon Park Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	90	90
Office (general)	sqm	1533	1533
Retail shops (<120m2)	sqm	1724	1724
Retail shops (120m2 to 1000m2)	sqm	1793	1793
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	350	350
Restaurant (<120m2)	sqm	266	266
Restaurant (120m2 to 1000m2)	sqm	987	987
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	140	140
Child care centre	children	24	24
Medical centre	room	3	3
Light industry	sqm	8899	8899
Service station	sqm retail space	225	225
Community facility	sqm	0	0
Place of worship	sqm	855	855
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Vacant	sqm	125	125
Residential dwelling	Dwellings	15	15
Retail shops (<120m2) On-Site	sqm	100	100

**Croydon Park Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m2) [3]	sqm	0.014	0.014
Retail shops (120m2 to 1000m2) [3]	sqm	0.027	0.027
Retail shops (>1000m2) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [3]	sqm	0.014	0.014
Restaurant (120m2 to 1000m2) [3]	sqm	0.021	0.021
Restaurant (>1000m2)	sqm		0
Restaurant - drive-through take-away [6]	seats	0.15	0.15
Child care centre [2]	children	0	0
Medical centre [7]	room	2	2
Light industry [3]	sqm	0.003	0.003
Service station [8]	sqm retail space	0.017	0.017
Community facility [9]	sqm	0.1	0.1
Place of worship [10]	sqm	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1
Motel [11]	room	0.07	0.07
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (bowling green) [13]	per bowling green	26.5	26.5
Vacant	sqm	0	0
Residential dwelling [4]	Dwellings	1.2	1.2
Retail shops (<120m2) On-Site [14]	sqm	0.008	0.008123

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on Weekends

[3] Based on owners/employees using on-site parking

[4] Based on City of Canterbury DCP

[5] Based on GTA database for nightclubs

[6] Based on parking demand for McDonalds car park

[7] City of Canterbury DCP rate, assuming 100m2 per room

[8] Based on parking demand at BP Petrol Station

[9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2

[11] Based on information gathered from Oasis Hotel (Campsie)

[12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff

[13] GTA Empirical Data

[14] Based on difference between Total Rate and Off-Site Rate

**Croydon Park Future Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [7]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	83%	85%	88%	100%	93%	89%	97%
Retail shops (120m2 to 1000m2) [3]	%	83%	85%	88%	100%	93%	89%	97%
Retail shops (>1000m2) [3]	%	83%	85%	88%	100%	93%	89%	97%
Hotel/Club [4,7]	%	2%	22%	26%	43%	70%	74%	50%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6]	%	77%	91%	64%	86%	68%	100%	77%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [7]	%	65%	70%	65%	60%	55%	50%	40%
Service station [9]	%	84%	100%	100%	84%	93%	84%	84%
Community facility [10]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [11]	%	2%	2%	2%	5%	5%	5%	5%
Entertainment facility [10]	%	78%	94%	100%	97%	68%	74%	96%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [7]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [7]	%	25%	50%	65%	85%	100%	99%	95%
Vacant	%							
Residential dwelling [7]	%	100%	100%	100%	100%	100%	100%	100%
Retail shops (<120m2) On-Site [3]	%	83%	85%	88%	100%	93%	89%	97%

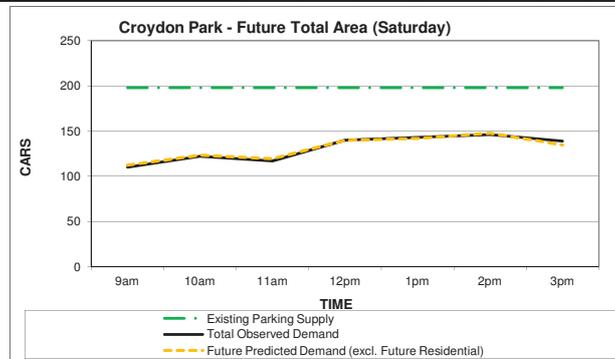
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekend
- [3] Based on parking demand for Council Car Park
- [4] Based on parking demand for Bistro
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on parking demand for McDonalds Car Park
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on parking demand at BP Petrol Station
- [10] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [11] Based on hours of operation of the churches
- [12] Based on information gathered from Oasis Hotel (Campsie)

# Future Car Parking Model



## Croydon Park Future Model

Use	Unit	Croydon Park - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	7	5	4	4	4	5	7
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	20	21	21	24	22	21	23
Retail shops (120m2 to 1000m2)	vehicles	40	41	43	48	45	43	47
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	1	6	7	12	20	21	14
Restaurant (<120m2)	vehicles	0	0	0	1	2	2	1
Restaurant (120m2 to 1000m2)	vehicles	0	1	2	7	10	10	5
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-aw	vehicles	16	19	13	18	14	21	16
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	6	5	5	1	2	4	4
Light industry	vehicles	17	19	17	16	15	13	11
Service station	vehicles	3	4	4	3	4	3	3
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	1	1	1	3	3	3	3
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Vacant	vehicles	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	18	18	18	18	18	18	18
Retail shops (<120m2) On-Site	vehicles	1	1	1	1	1	1	1
<b>Sub Totals</b>		<b>130</b>	<b>141</b>	<b>137</b>	<b>158</b>	<b>160</b>	<b>166</b>	<b>153</b>
Long Term (Professional)	90%	16	17	16	14	13	12	10
Short Term (Professional)	10%	2	2	2	2	1	1	1
Long Term (Retail)	20%	16	19	18	23	24	24	22
Short Term (Retail)	80%	64	74	73	92	94	97	88
Long Term (Residential)	100%	19	19	19	19	19	19	19
Short Term (Residential)	100%	7	5	4	4	4	5	7
Long Term (Other)	50%	3	3	3	2	2	3	3
Short Term (Other)	50%	3	3	3	2	2	3	3
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0
<b>Existing Parking Supply</b>	<b>Total</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>
	85% of Total	168	168	168	168	168	168	168
	Total Long Term	122	122	122	122	122	122	122
	Total Short Term	76	76	76	76	76	76	76
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	76	76	76	76	76	76	76
<b>Total Observed Demand</b>	<b>Total</b>	<b>110</b>	<b>122</b>	<b>117</b>	<b>140</b>	<b>143</b>	<b>146</b>	<b>139</b>
	Total Long Term	62	67	70	80	88	88	82
	Total Short Term	48	55	47	60	55	58	57
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	48	55	47	60	55	58	57
<b>Future Predicted Demand</b>	<b>Total</b>	<b>130</b>	<b>141</b>	<b>137</b>	<b>158</b>	<b>160</b>	<b>166</b>	<b>153</b>
	Long Term	54	57	55	58	58	58	54
	Short Term	77	84	82	100	102	107	99
	Future Predicted Demand (excl. Future Residential)	112	123	119	140	142	148	135



**Earlwood Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	168	168
Office (general)	sqm	8628	8628
Retail shops (<120m2)	sqm	2759	2759
Retail shops (120m2 to 1000m2)	sqm	14222	14222
Retail shops (>1000m2)	sqm	2070	2070
Hotel/Club	sqm public floor area	975	975
Restaurant (<120m2)	sqm	562	562
Restaurant (120m2 to 1000m2)	sqm	2185	2185
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	65	65
Child care centre	children	0	0
Medical centre	room	39	39
Light industry	sqm	0	0
Service station	sqm retail space	531	531
Community facility	sqm	1185	1185
Place of worship	sqm	2375	2375
Entertainment facility	sqm	792	792
Motel	room	0	0
Educational establishment	sqm	632	632
Recreational facility (gym)	sqm	331	331
Office (general) On-Site	sqm	100	100
Retail shops (120m2 to 1000m2) On-site	sqm	400	400
Restaurant (<120m2) Onsite	sqm	100	100
Residential dwelling (Future)	Dwellings	70	70

**Earlwood Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m2) [3]	sqm	0.01	0.01
Retail shops (120m2 to 1000m2) [3]	sqm	0.018	0.018
Retail shops (>1000m2) [4]	sqm	0.03	0.03
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [6]	sqm	0.02	0.02
Restaurant (120m2 to 1000m2) [6]	sqm	0.03	0.03
Restaurant (>1000m2)	sqm		0
Restaurant - drive-through take-away [4]	seats	0.17	0.17
Child care centre [2]	children	0	0
Medical centre [7]	room	1	1
Light industry [6]	sqm	0.01	0.01
Service station [8]	sqm retail space	0	0
Community facility [9]	sqm	0.0192	0.0192
Place of worship [10]	sqm	0.01	0.01
Entertainment facility [6]	sqm	0.1	0.1
Motel [11]	room	1	1
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [6]	sqm	0.075	0.075
Office (general) On-Site [15]	sqm	0	0
Retail shops (120m2 to 1000m2) On-site [15]	sqm	0.003	0.002672
Restaurant (<120m2) Onsite [15]	sqm	0.005	0.005336
Residential dwelling (Future) [6]	Dwellings	1.2	1.2

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Assumed not open on weekends
- [3] Changed to match observed demand
- [4] Based on results from Parking Survey
- [5] Based on GTA Consultants database rate for nightclub
- [6] Based on City of Canterbury DCP
- [7] Based on on-site parking of 1 space per practitioner and 1 space per patient off-site
- [8] Based on demand all on-site
- [9] Based on GTA Consultant database
- [10] Based on part of demand catered on-site
- [11] Based on City of Canterbury DCP rate, assuming 50m2 per room
- [12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [13] GTA Empirical Data
- [14] Parking is all on-site
- [15] Based on difference between total rate and off-site rate

**Earlwood Future Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	80%	100%	80%	55%	45%	50%	60%
Retail shops (120m2 to 1000m2) [3]	%	80%	100%	80%	55%	45%	50%	60%
Retail shops (>1000m2) [4]	%	63%	100%	99%	97%	99%	80%	85%
Hotel/Club [5]	%	0%	0%	18%	50%	50%	40%	50%
Restaurant (<120m2) [5]	%	0%	5%	20%	50%	40%	35%	30%
Restaurant (120m2 to 1000m2) [5]	%	0%	5%	20%	50%	40%	35%	30%
Restaurant (>1000m2) [5]	%	0%	5%	20%	50%	40%	35%	30%
Restaurant - drive-through take-away [6]	%	29%	30%	60%	100%	90%	80%	65%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [7]	%	86.0%	86.0%	80.0%	20.0%	14.0%	10.0%	0.0%
Light industry [5]	%	25%	40%	50%	60%	58%	30%	20%
Service station [5]	%	60%	100%	85%	70%	60%	50%	40%
Community facility [8]	%	0%	20%	100%	55%	50%	30%	30%
Place of worship [9]	%	2%	2%	2%	5%	5%	5%	5%
Entertainment facility [10]	%	0%	0%	0%	5%	10%	15%	20%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [5]	%	25%	100%	35%	25%	70%	50%	40%
Recreational facility (gym) [5,11]	%	60%	65%	46%	43%	28%	28%	38%
Office (general) On-Site [2]	%	63%	50%	38%	38%	38%	50%	63%
Retail shops (120m2 to 1000m2) On-site [3]	%	80%	100%	80%	55%	45%	50%	60%
Restaurant (<120m2) Onsite [5]	%	0%	5%	20%	50%	40%	35%	30%
Residential dwelling (Future) [5]	%	100%	100%	100%	100%	100%	100%	100%

[1] Based on GTA Consultants database profile for Dwellings

[2] Assumed not open on Weekends

[3] Based on results from Parking Demand Survey within the 3P off-street car park

[4] Based on results from Parking Demand Survey within the Coles Carpark, Fruit Shop and Public Parking

[5] Based on GTA Consultants' estimation

[6] Based on results from Parking Demand Survey within the KFC car park

[7] Based on GTA Consultants database rate for medical centre

[8] Based on GTA Consultants database for Library

[9] Based on hours of operation of the churches

[10] Based on likely use of the business types

[11] Based on GTA Consultants database for gym

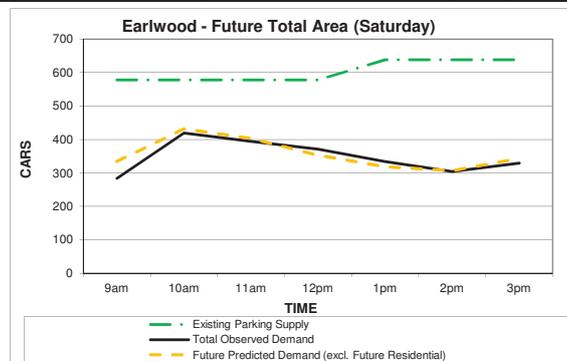
[12] Based on information gathered from Oasis Hotel (Campsie)

# Future Car Parking Model



## Earlwood Future Model

Use	Unit	Earlwood - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	13	10	8	8	8	10	13
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	22	28	22	15	12	14	17
Retail shops (120m2 to 1000m2)	vehicles	205	256	205	141	115	128	154
Retail shops (>1000m2)	vehicles	39	62	61	60	61	50	53
Hotel/Club	vehicles	0	0	14	39	39	31	39
Restaurant (<120m2)	vehicles	0	1	2	6	4	4	3
Restaurant (120m2 to 1000m2)	vehicles	0	3	13	33	26	23	20
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-av	vehicles	3	3	7	11	10	9	7
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	33	33	31	8	5	4	0
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	5	23	13	11	7	7
Place of worship	vehicles	0	0	0	1	1	1	1
Entertainment facility	vehicles	0	0	0	4	8	12	16
Motel	vehicles	0	0	0	0	0	0	0
Educational establishment	vehicles	3	13	4	3	9	6	5
Recreational facility (gym)	vehicles	15	16	11	11	7	7	9
Office (general) On-Site	vehicles	0	0	0	0	0	0	0
Retail shops (120m2 to 1000m2) O	vehicles	1	1	1	1	0	1	1
Restaurant (<120m2) Onsite	vehicles	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	84	84	84	84	84	84	84
<b>Sub Totals</b>		<b>419</b>	<b>515</b>	<b>487</b>	<b>436</b>	<b>403</b>	<b>390</b>	<b>428</b>
Long Term (Professional)	90%	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	57	74	67	63	55	53	60
Short Term (Retail)	80%	228	296	269	253	221	213	242
Long Term (Residential)	100%	84	84	84	84	84	84	84
Short Term (Residential)	100%	13	10	8	8	8	10	13
Long Term (Other)	50%	17	19	27	13	13	12	12
Short Term (Other)	50%	17	19	27	13	13	12	12
Long Term (School)	25%	1	3	1	1	2	2	1
Short Term (School)	75%	2	9	3	2	7	5	4
<b>Existing Parking Supply</b>	<b>Total</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>638</b>	<b>638</b>	<b>638</b>
	85% of Total	491	491	491	491	542	542	542
	Total Long Term	331	331	331	331	391	391	391
	Total Short Term	185	185	185	185	185	185	185
	All Other Spaces	62	62	62	62	62	62	62
	Total Minus Long Term	247	247	247	247	247	247	247
<b>Total Observed Demand</b>	<b>Total</b>	<b>284</b>	<b>419</b>	<b>394</b>	<b>371</b>	<b>334</b>	<b>304</b>	<b>329</b>
	Total Long Term	171	271	253	266	233	193	213
	Total Short Term	107	135	132	100	95	98	112
	All Other Spaces	6	13	9	5	6	13	4
	Total Minus Long Term	113	148	141	105	101	111	116
<b>Future Predicted Demand</b>	<b>Total</b>	<b>419</b>	<b>515</b>	<b>487</b>	<b>436</b>	<b>403</b>	<b>390</b>	<b>428</b>
	Long Term	159	180	180	161	156	151	158
	Short Term	260	335	308	276	246	240	270
	Future Predicted Demand (excl. Future Residential)	335	431	403	352	319	306	344



**Hurlstone Park Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	181	181
Office (general)	sqm	1621	1621
Retail shops (<120m2)	sqm	1130	1130
Retail shops (120m2 to 1000m2)	sqm	2237	2237
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	0	0
Restaurant (<120m2)	sqm	100	100
Restaurant (120m2 to 1000m2)	sqm	0	0
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	5	5
Light industry	sqm	0	0
Service station	sqm retail space	0	0
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	0	0
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	2	2
Residential dwelling (Future)	Dwellings	12	12
Residential dwelling	Dwellings	169	169
Retail shops (<120m2) On-Site	sqm	100	100

**Hurlstone Park Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.06	0.06
Office (general) [2]	sqm	0.016	0.016
Retail shops (<120m2) [3]	sqm	0.016	0.016
Retail shops (120m2 to 1000m2) [3]	sqm	0.021	0.021
Retail shops (>1000m2) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [4]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [4]	sqm	0.033	0.033
Restaurant (>1000m2) [4]	sqm		0
Restaurant - drive-through take-away [6]	seats	0.333	0.333
Child care centre [7]	children	0.2	0.2
Medical centre [8]	room	2	2
Light industry [4]	sqm	0.01	0.01
Service station [4]	sqm retail space	0.05	0.05
Community facility [9]	sqm	0.1	0.1
Place of worship [10]	sqm	0.066	0.066
Entertainment facility [9]	sqm	0.1	0.1
Motel [11]	room	1	1
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (bowling green) [13]	per bowling green	26.5	26.5
Residential dwelling (Future) [4]	sqm	1.2	1.2
Residential dwelling [14]	Dwellings	0.28	0.28
Retail shops (<120m2) On-Site [15]	sqm	0.001769912	0.00177

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Based on number/type of offices and close proximity of railway station
- [3] Based on parking demand of short-term parking
- [4] Based on City of Canterbury DCP
- [5] Based on GTA Database for a nightclub
- [6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [7] City of Canterbury DCP rate, assuming 10m2 per child
- [8] City of Canterbury DCP rate, assuming 100m2 per room
- [9] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [10] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [11] Based on City of Canterbury DCP rate, assuming 100m2 per room
- [12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [13] GTA Empirical Data
- [14] Based on parking demand for unrestricted parking against number of dwellings
- [15] Based on difference between Total rate and Off-Site Rate

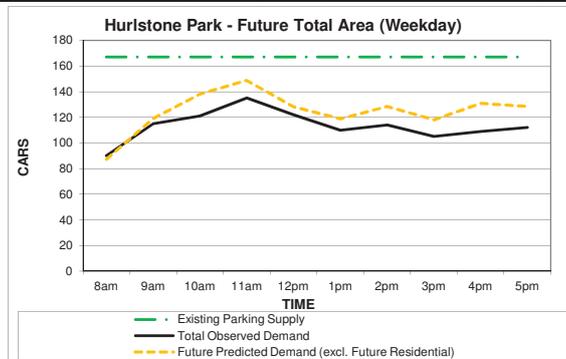
**Hurlstone Park Future Temporal Profiles**

Use	Unit	Temporary Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Office (general) [2]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Retail shops (<120m2) [3,11]	%	55%	73%	86%	100%	70%	62%	73%	62%	90%	86%
Retail shops (120m2 to 1000m2) [3,11]	%	55%	73%	86%	100%	70%	62%	73%	62%	90%	86%
Retail shops (>1000m2) [3,11]	%	55%	73%	86%	100%	70%	62%	73%	62%	90%	86%
Hotel/Club [4]	%	0%	0%	0%	5%	3%	18%	14%	14%	47%	77%
Restaurant (<120m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (120m2 to 1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (>1000m2) [5]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant - drive-through take-away [6]	%	29%	29%	29%	29%	29%	64%	46%	49%	44%	36%
Child care centre [7]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Medical centre [8]	%	50%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	80.0%
Light industry [9]	%	57%	85%	91%	90%	100%	98%	97%	97%	97%	60%
Service station [10]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Community facility [11]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Place of worship [11]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Entertainment facility [11]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Motel [14]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [11]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Recreational facility (gym) [12]	%	51%	77%	97%	51%	41%	41%	44%	40%	62%	55%
Recreational facility (bowling green) [11]	%	0%	0%	0%	0%	2%	2%	2%	2%	5%	7%
Residential dwelling (Future) [11]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Residential dwelling [13]	%	85%	86%	88%	100%	99%	92%	90%	82%	77%	84%
Retail shops (<120m2) On-Site [3,11]	%	55%	73%	86%	100%	70%	62%	73%	62%	90%	86%

- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on parking demand survey for short-term parking supply
- [4] Based on GTA Consultants database for a pub / hotel / tavern
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants database (staff attendance based on office land use)
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [10] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [11] Based on GTA Consultants' estimation
- [12] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010
- [13] Based on parking demand survey for unrestricted parking supply
- [14] Based on information gathered from Oasis Hotel (Campsie)

**Hurlstone Park Future Model**

Use	Unit	Hurlstone Park - Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	5	3	0	3	3	3	0	3
Office (general)	vehicles	7	23	26	26	25	23	25	25	25	18
Retail shops (<120m2)	vehicles	10	13	16	18	13	11	13	11	16	16
Retail shops (120m2 to 1000m2)	vehicles	26	34	41	47	33	29	34	29	42	41
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant (<120m2)	vehicles	0	0	0	0	1	1	1	1	0	0
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant - drive-through take-aw	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	5	8	9	7	9	6	8	9	7	7
Light industry	vehicles	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0	0	0	0
Motel	vehicles	0	0	0	0	0	0	0	0	0	0
Educational establishment	vehicles	0	0	0	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	1	1	1	1	3	4
Residential dwelling (Future)	vehicles	14	14	14	14	14	14	14	14	14	14
Residential dwelling	vehicles	40	41	42	47	47	43	42	39	36	40
Retail shops (<120m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0
<b>Sub Totals</b>		<b>102</b>	<b>133</b>	<b>153</b>	<b>163</b>	<b>143</b>	<b>133</b>	<b>143</b>	<b>132</b>	<b>145</b>	<b>143</b>
Long Term (Professional)	90%	6	20	23	23	23	21	23	23	23	16
Short Term (Professional)	10%	1	2	3	3	3	2	3	3	3	2
Long Term (Retail)	20%	7	10	11	13	10	9	10	8	12	12
Short Term (Retail)	80%	29	38	45	52	38	34	40	34	49	49
Long Term (Residential)	100%	55	55	56	62	61	58	57	53	51	54
Short Term (Residential)	100%	0	0	5	3	0	3	3	3	0	3
Long Term (Other)	50%	2	4	4	4	4	3	4	5	4	4
Short Term (Other)	50%	2	4	4	4	4	3	4	5	4	4
Long Term (School)	25%	0	0	0	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0	0	0	0
<b>Existing Parking Supply</b>	<b>Total</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>167</b>
	85% of Total	142	142	142	142	142	142	142	142	142	142
	Total Long Term	114	114	114	114	114	114	114	114	114	114
	Total Short Term	52	52	52	52	52	52	52	52	52	52
	All Other Spaces	1	1	1	1	1	1	1	1	1	1
	Total Minus Long Term	53	53	53	53	53	53	53	53	53	53
<b>Total Observed Demand</b>	<b>Total</b>	<b>90</b>	<b>115</b>	<b>121</b>	<b>135</b>	<b>122</b>	<b>110</b>	<b>114</b>	<b>105</b>	<b>109</b>	<b>112</b>
	Total Long Term	70	88	90	97	95	87	88	82	75	78
	Total Short Term	20	26	31	37	27	23	25	23	34	32
	All Other Spaces	0	1	0	1	0	0	1	0	0	1
	Total Minus Long Term	20	27	31	38	27	23	26	23	34	33
<b>Future Predicted Demand</b>	<b>Total</b>	<b>102</b>	<b>133</b>	<b>153</b>	<b>163</b>	<b>143</b>	<b>133</b>	<b>143</b>	<b>132</b>	<b>145</b>	<b>143</b>
	Long Term	70	89	95	102	98	90	94	89	90	86
	Short Term	32	44	58	61	45	43	49	44	56	57
	Future Predicted Demand (excl. Future Residential)	87	119	138	149	128	119	128	118	131	128



**Lakemba Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	921	921
Office (general)	sqm	16928	16928
Retail shops (<120m2)	sqm	5100	5100
Retail shops (120m2 to 1000m2)	sqm	14926	14926
Retail shops (>1000m2)	sqm	2712	2712
Hotel/Club	sqm public floor area	3572	3572
Restaurant (<120m2)	sqm	569	569
Restaurant (120m2 to 1000m2)	sqm	2522	2522
Restaurant (<120m2) On-Site	sqm	0	0
Restaurant (120m2 to 1000m2) On-Site	sqm	0	0
Child care centre	children	68	68
Medical centre	room	46	46
Light industry	sqm	1776	1776
Service station	sqm retail space	124	124
Community facility	sqm	4527	4527
Place of worship	sqm	2166	2166
Office (general) On-Site	sqm	0	0
Motel	room	11	11
Educational establishment	sqm	703	703
Recreational facility (gym)	sqm	466	466
Retail shops (120m2 to 1000m2) On-Site	sqm	1500	1500
Retail shops (>1000m2) Future	sqm	0	0
Medical centre On-site	room	0	0
Primary School	enrolments	1025	1025
Residential dwelling (Future)	Dwellings	150	150

**Lakemba Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.06	0.06
Office (general) [2]	sqm	0.013	0.013
Retail shops (<120m2) [3]	sqm	0.015	0.015
Retail shops (120m2 to 1000m2) [3]	sqm	0.018	0.018
Retail shops (>1000m2) [4]	sqm	0.016	0.016
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [6]	sqm	0.014	0.014
Restaurant (120m2 to 1000m2) [6]	sqm	0.02	0.02
Restaurant (<120m2) On-Site [7]	sqm	0.005	0.005275
Restaurant (120m2 to 1000m2) On-Site [7]	sqm	0.005	0.004759
Child care centre [8]	children	0.2	0.2
Medical centre [9]	room	2	2
Light industry [10]	sqm	0.01	0.01
Service station [10]	sqm retail space	0.05	0.05
Community facility [11]	sqm	0.025	0.025
Place of worship [12]	sqm	0.066	0.066
Office (general) On-Site [7]	sqm	0	0
Motel [13]	room	0.07	0.07
Educational establishment [14]	sqm	0.02	0.02
Recreational facility (gym) [15]	sqm	0.055	0.055
Retail shops (120m2 to 1000m2) On-Site [7]	sqm	0.004	0.003886
Retail shops (>1000m2) Future [17]	sqm	0.037	0.037
Medical centre On-site [7]	room	0	0
Primary School [16]	enrolments	0.07	0.07
Residential dwelling (Future) [10]	Dwellings	1.2	1.2

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Based on number of offices, estimated on-site parking and close proximity of railway station
- [3] Based on parking demand for short-term parking
- [4] Based on parking demand for Aldi Car Park
- [5] Based on GTA Consultants database rate for nightclubs
- [6] Based on estimated on-site parking and likely customers being local employees
- [7] Based on difference between total rate and off-site rate
- [8] City of Canterbury DCP rate, assuming 10m2 per child
- [9] City of Canterbury DCP rate, assuming 100m2 per room
- [10] Based on City of Canterbury DCP
- [11] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [12] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [13] Based on information gathered from Oasis Hotel (Campsie)
- [14] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [15] Based on estimation of type of use
- [16] Based on only one street surrounding school was surveyed'
- [17] Based on Campsie Retail shops (>1000m2) rate

**Lakemba Future Temporal Profiles**

Use	Unit	Temporal Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Office (general) [2,3]	%	26%	87%	99%	100%	97%	95%	97%	87%	82%	57%
Retail shops (<120m2) [4,3]	%	15%	42%	54%	78%	87%	100%	83%	70%	65%	50%
Retail shops (120m2 to 1000m2) [4,3]	%	15%	42%	54%	78%	87%	100%	83%	70%	65%	50%
Retail shops (>1000m2) [5]	%	10%	69%	72%	100%	81%	86%	47%	58%	64%	56%
Hotel/Club [6,3]	%	0%	0%	0%	5%	3%	18%	14%	10%	47%	77%
Restaurant (<120m2) [7,3]	%	10%	15%	29%	29%	45%	50%	47%	23%	5%	15%
Restaurant (120m2 to 1000m2) [7,3]	%	0%	0%	5%	10%	24%	50%	47%	23%	5%	15%
Restaurant (<120m2) On-Site [7,3]	%	10%	15%	29%	29%	45%	50%	47%	23%	5%	15%
Restaurant (120m2 to 1000m2) On-Site [7,3]	%	0%	0%	5%	10%	24%	50%	47%	23%	5%	15%
Child care centre [9,3]	%	26%	87%	99%	100%	97%	90%	97%	97%	70%	50%
Medical centre [10]	%	75%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	50.0%
Light industry [11]	%	57%	85%	91%	90%	100%	98%	97%	97%	97%	60%
Service station [12]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Community facility [13]	%	58%	78%	94%	100%	97%	68%	74%	85%	70%	58%
Place of worship [14]	%	0%	2%	2%	2%	5%	5%	5%	5%	1%	1%
Office (general) On-Site [2,3]	%	26%	87%	99%	100%	97%	95%	97%	87%	82%	57%
Motel [16]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [3]	%	26%	50%	75%	100%	95%	90%	85%	70%	55%	40%
Recreational facility (gym) [15]	%	51%	77%	97%	51%	41%	41%	44%	40%	42%	45%
Retail shops (120m2 to 1000m2) On-Site [4,3]	%	15%	42%	54%	78%	87%	100%	83%	70%	65%	50%
Retail shops (>1000m2) Future [5]	%	10%	69%	72%	100%	81%	86%	47%	58%	64%	56%
Medical centre On-site [10]	%	75%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	50.0%
Primary School	%	50%	60%	35%	15%	15%	15%	35%	100%	20%	5%
Residential dwelling (Future) [3]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

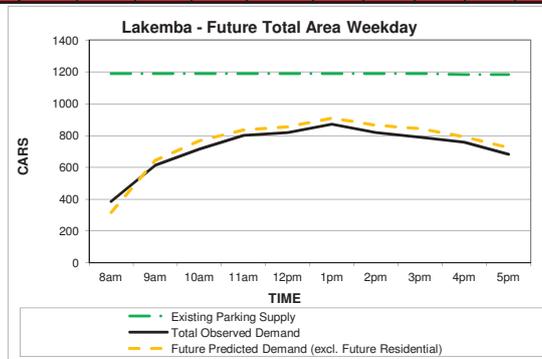
- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on GTA Consultants' estimation
- [4] Based on parking demand for off-street short term parking
- [5] Based on parking demand for Aldi Car Park
- [6] Based on GTA Consultants database for a pub / hotel / tavern
- [7] Based on GTA Consultants database profile for restaurant
- [8] Based on GTA Consultants database rate for convenience restaurant
- [9] Based on GTA Consultants database (staff attendance based on office land use)
- [10] Based on GTA Consultants database rate for medical centre
- [11] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [12] Based on GTA Consultants' database profile for a shop or shopping centre
- [13] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [14] Based on Churches service days
- [15] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010
- [16] Based on information gathered from Oasis Hotel (Campsie)

Lakemba Future Model

Use	Unit	Lakemba - Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	28	14	0	14	14	14	0	14
Office (general)	vehicles	56	191	219	220	213	209	235	191	180	125
Retail shops (<120m2)	vehicles	11	32	41	60	67	76	64	54	50	38
Retail shops (120m2 to 1000m2)	vehicles	40	112	145	210	234	269	224	188	175	134
Retail shops (>1000m2)	vehicles	4	30	31	43	35	37	20	25	28	24
Hotel/Club	vehicles	0	0	0	13	9	52	39	29	133	220
Restaurant (<120m2)	vehicles	1	1	2	2	4	4	4	2	0	1
Restaurant (120m2 to 1000m2)	vehicles	0	0	3	5	12	25	24	12	3	7
Restaurant (<120m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	3	12	14	14	13	12	13	13	10	7
Medical centre	vehicles	69	83	89	75	87	63	80	92	75	46
Light industry	vehicles	10	15	16	16	18	17	17	17	17	11
Service station	vehicles	1	2	5	6	6	6	6	5	5	5
Community facility	vehicles	66	89	107	113	110	77	84	96	79	66
Place of worship	vehicles	0	3	3	3	7	7	7	7	1	1
Office (general) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	4	7	11	14	13	13	12	10	8	6
Recreational facility (gym)	vehicles	13	20	25	13	10	10	11	10	11	12
Retail shops (120m2 to 1000m2) On-Site	vehicles	1	2	3	5	5	6	5	4	4	3
Retail shops (>1000m2) Future	vehicles	0	0	0	0	0	0	0	0	0	0
Medical centre On-site	vehicles	0	0	0	0	0	0	0	0	0	0
Primary School	vehicles	36	43	25	11	11	11	25	72	14	4
Residential dwelling (Future)	vehicles	180	180	180	180	180	180	180	180	180	180

Sub Totals		497	823	947	1016	1035	1090	1044	1022	973	995
Long Term (Professional)	90%	63	196	224	225	220	215	221	200	187	129
Short Term (Professional)	10%	7	22	25	25	24	24	25	22	21	14
Long Term (Retail)	20%	14	40	51	71	76	97	79	66	82	89
Short Term (Retail)	80%	57	160	205	285	305	389	317	263	327	356
Long Term (Residential)	100%	181	181	181	181	181	181	181	181	181	181
Short Term (Residential)	100%	0	0	28	14	0	14	14	14	0	14
Long Term (Other)	50%	67	87	99	95	102	73	86	98	77	57
Short Term (Other)	50%	67	87	99	95	102	73	86	98	77	57
Long Term (School)	25%	10	13	9	6	6	6	9	20	6	2
Short Term (School)	75%	30	38	27	19	18	18	28	61	17	7

Existing Parking Supply	Total	1189	1189	1189	1189	1189	1189	1189	1189	1183	1183
85% of Total		1011	1011	1011	1011	1011	1011	1011	1011	1006	1006
Total Long Term		716	716	716	716	716	716	716	716	710	710
Total Short Term		398	398	398	398	398	398	398	398	398	398
All Other Spaces		75	75	75	75	75	75	75	75	75	75
Total Minus Long Term		473	473	473	473	473	473	473	473	473	473
Total Observed Demand	Total	385	615	716	802	818	872	818	789	759	683
Total Long Term		248	364	418	454	459	485	455	440	407	348
Total Short Term		132	238	285	322	336	370	347	330	333	333
All Other Spaces		5	13	13	26	23	17	15	19	19	22
Total Minus Long Term		137	251	298	348	359	387	362	349	352	335
Future Predicted Demand	Total	497	823	947	1016	1035	1090	1044	1022	973	995
Long Term		335	517	564	578	586	572	575	564	532	457
Short Term		161	306	383	438	450	518	469	458	441	447
Future Predicted Demand (excl. Future Residential)		317	643	767	836	855	910	864	842	793	725



**Nawee Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	85	85
Office (general)	sqm	763	763
Retail shops (<120m2)	sqm	2013	2013
Retail shops (120m2 to 1000m2)	sqm	1881	1881
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	373	373
Restaurant (<120m2)	sqm	456	456
Restaurant (120m2 to 1000m2)	sqm	451	451
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	6	6
Light industry	sqm	100	100
Service station	sqm retail space	323	323
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	12	12
Educational establishment	sqm	85	85
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Residential dwelling (future)	sqm	60	60
Retail shops (<120m2) On-Site	sqm	200	200
Restaurant (<120m2) On-Site	sqm	100	100

**Nawee Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.015	0.015
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.024	0.024
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0.045	0.045
Hotel/Club [3]	sqm public floor area	0.16	0.16
Restaurant (<120m <sup>2</sup> ) [4]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [4]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [4]	sqm	0	0
Restaurant - drive-through take-away [5]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [6]	room	1.5	1.5
Light industry [4]	sqm	0.01	0.01
Service station [4]	sqm retail space	0	0
Community facility [7]	sqm	0.1	0.1
Place of worship [8]	sqm	0.066	0.066
Entertainment facility [7]	sqm	0.1	0.1
Motel [9]	room	0.07	0.07
Educational establishment [10]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	
Recreational facility (bowling green) [11]	per bowling green	26.5	26.5
Residential dwelling [4]	sqm	1.2	1.2
Retail shops (<120m <sup>2</sup> ) On-Site [12]	sqm	0.004	0.004471
Restaurant (<120m <sup>2</sup> ) On-Site [12]	sqm	0.000	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed closed on weekends

[3] Based on parking demand in study area excluding Narwee Hotel

[4] Based on City of Canterbury DCP

[5] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[6] City of Canterbury DCP rate, assuming 100m<sup>2</sup> per room

[7] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[8] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[9] Based on information gathered from Oasis Hotel (Campsie)

[10] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[11] GTA Empirical Data

[12] Based on difference between total rate and off-site rate

**Narwee Future Temporal Profiles**

Use	Unit	Temporal Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	72%	76%	90%	83%	100%	60%	80%
Retail shops (120m2 to 1000m2) [3]	%	72%	76%	90%	83%	100%	60%	80%
Retail shops (>1000m2) [4]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [5]	%	5%	12%	22%	29%	60%	84%	92%
Restaurant (<120m2) [6,8]	%	0%	5%	10%	35%	50%	40%	23%
Restaurant (120m2 to 1000m2) [6,8]	%	0%	5%	10%	35%	50%	40%	23%
Restaurant (>1000m2) [6,8]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [7,8]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [9]	%	86.0%	71.0%	71.0%	14.0%	29.0%	15.0%	15.0%
Light industry [8]	%	25%	40%	50%	60%	58%	30%	20%
Service station [10]	%	67%	78%	78%	67%	100%	89%	67%
Community facility [11]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [11]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [11]	%	78%	94%	100%	97%	68%	74%	96%
Motel [12]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [8]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [11]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [8]	%	25%	50%	65%	85%	100%	99%	95%
Residential dwelling [8]	%	100%	100%	100%	100%	100%	100%	100%
Retail shops (<120m2) On-Site [3]	%	72%	76%	90%	83%	100%	60%	80%
Restaurant (<120m2) On-Site [6,8]	%	0%	5%	10%	35%	50%	40%	23%

- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on a weekend
- [3] Based on parking demand for study area excluding Narwee Car Park
- [4] Based on GTA Consultants' database profile for a shop or shopping centre
- [5] Based on parking demand for Narwee Hotel Car Park
- [6] Based on GTA Consultants database profile for restaurant
- [7] Based on GTA Consultants database rate for convenience restaurant
- [8] Based on GTA Consultants' estimation
- [9] Based on GTA Consultants database rate for medical centre
- [10] Based on parking demand for 7/Seven Car Park
- [11] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [12] Based on information gathered from Oasis Hotel (Campsie)

# Future Car Parking Model

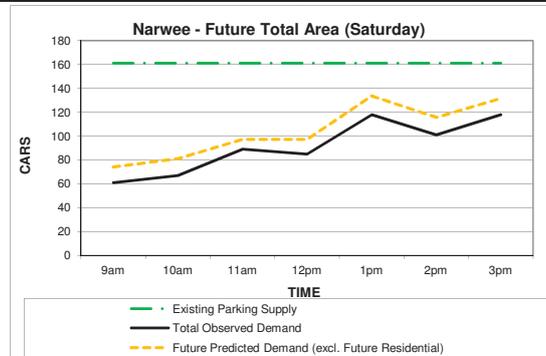


## Narwee Future Model

Use	Unit	Narwee - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	6	5	4	4	4	5	6
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	22	23	27	25	30	18	24
Retail shops (120m2 to 1000m2)	vehicles	32	34	41	37	45	27	36
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	3	7	13	17	36	50	55
Restaurant (<120m2)	vehicles	0	1	1	4	6	5	3
Restaurant (120m2 to 1000m2)	vehicles	0	1	1	5	7	6	3
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-a	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	8	7	7	1	3	1	1
Light industry	vehicles	0	0	1	1	1	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	0	2	1	1	0	2	1
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	72	72	72	72	72	72	72
Retail shops (<120m2) On-Site	vehicles	1	1	1	1	1	1	1
Restaurant (<120m2) On-Site	vehicles	0	0	0	0	0	0	0

Sub Totals		146	153	169	169	206	188	204
Long Term (Professional)	90%	0	0	0	1	1	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	12	13	17	18	25	21	24
Short Term (Retail)	80%	46	53	67	72	100	85	97
Long Term (Residential)	100%	73	73	73	73	73	73	73
Short Term (Residential)	100%	6	5	4	4	4	5	6
Long Term (Other)	50%	4	3	3	1	1	1	1
Short Term (Other)	50%	4	3	3	1	1	1	1
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	1	1	1	0	1	1

Existing Parking Supply	Total	161	161	161	161	161	161	161
	85% of Total	137	137	137	137	137	137	137
	Total Long Term	89	89	89	89	89	89	89
	Total Short Term	72	72	72	72	72	72	72
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	72	72	72	72	72	72	72
Total Observed Demand	Total	61	67	89	85	118	101	118
	Total Long Term	22	24	35	35	56	66	70
	Total Short Term	39	43	54	50	62	35	48
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	39	43	54	50	62	35	48
Future Predicted Demand	Total	146	153	169	169	206	188	204
	Long Term	89	90	94	92	100	95	98
	Short Term	57	63	75	77	106	92	105
	Future Predicted Demand (excl. Future Residential)	74	81	97	97	134	116	132



**New Canterbury Road Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	317	317
Office (general)	sqm	2327	2327
Retail shops (<120m2)	sqm	1140	1140
Retail shops (120m2 to 1000m2)	sqm	4515	4515
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	4771	4771
Restaurant (<120m2)	sqm	192	192
Restaurant (120m2 to 1000m2)	sqm	544	544
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	69	69
Medical centre	room	6	6
Light industry	sqm	2426	2426
Service station	sqm retail space	335	335
Community facility	sqm	400	400
Place of worship	sqm	1945	1945
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	144	144
Recreational facility (gym)	sqm	168	168
Residential dwelling (Future)	Dwellings	80	80
Office (general) On-Site	sqm	50	50
Retail shops (120m2-1000m2) On-Site	sqm	250	250
Restaurant (<120m2) On-Site	sqm	100	100

**New Canterbury Road Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m2) [3]	sqm	0.013	0.013
Retail shops (120m2 to 1000m2) [3]	sqm	0.018	0.018
Retail shops (>1000m2) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [4]	sqm	0.025	0.025
Restaurant (120m2 to 1000m2) [4]	sqm	0.033	0.033
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [7]	room	0.5	0.5
Light industry [3]	sqm	0.003	0.003
Service station [4]	sqm retail space	0.05	0.05
Community facility [8]	sqm	0.1	0.1
Place of worship [9]	sqm	0.066	0.066
Entertainment facility [10]	sqm	0.1	0.1
Motel [11]	room	0.07	0.07
Educational establishment [12]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Residential dwelling (Future) [4]	Dwellings	1.2	1.2
Office (general) On-Site [14]	sqm	0	0
Retail shops (120m2-1000m2) On-Site [14]	sqm	0.002	0.002436
Restaurant (<120m2) On-Site [14]	sqm	0	0

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Assumed not open on weekend
- [3] Based on owners/employees parking onsite
- [4] Based on City of Canterbury DCP
- [5] Based on parking demand for clubs car parks
- [6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database
- [7] City of Canterbury DCP rate, assuming 100m2 per room
- [8] Based on facility type
- [9] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [10] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [11] Based on information gathered from Oasis Hotel (Campsie)
- [12] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [13] GTA Empirical Data
- [14] Based on the difference between total rate and off-site rate

**New Canterbury Road Future Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	63%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3]	%	93%	95%	92%	93%	100%	98%	96%
Retail shops (120m2 to 1000m2) [3]	%	93%	95%	92%	93%	100%	98%	96%
Retail shops (>1000m2) [3]	%	93%	95%	92%	93%	100%	98%	96%
Hotel/Club [4]	%	10%	16%	19%	25%	34%	29%	30%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [7]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	89%	78%	78%	78%	100%	78%	78%
Community facility [7]	%	0%	0%	0%	1%	2%	5%	5%
Place of worship [9]	%	2%	2%	2%	5%	5%	5%	5%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [7]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [7]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Residential dwelling (Future) [7]	%	100%	100%	100%	100%	100%	100%	100%
Office (general) On-Site [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (120m2-1000m2) On-Site [3]	%	93%	95%	92%	93%	100%	98%	96%
Restaurant (<120m2) On-Site [5,7]	%	0%	5%	10%	35%	50%	47%	23%

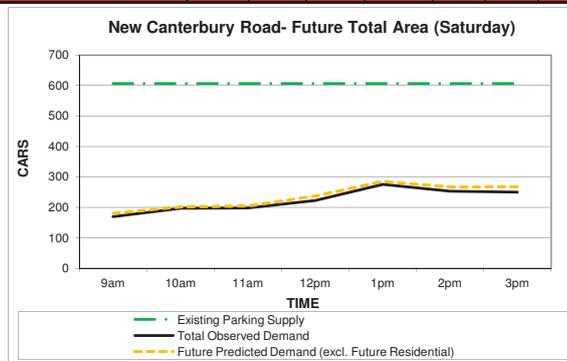
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on weekend
- [3] Based on parking demand on-street
- [4] Based on parking demand of club car parks
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility

# Future Car Parking Model



## New Canterbury Road Future Model

Use	Unit	New Canterbury Road - Total Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	24	19	14	14	14	19	24
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	14	14	14	14	15	15	14
Retail shops (120m2 to 1000m2)	vehicles	76	77	75	76	81	80	78
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	38	61	73	95	130	111	116
Restaurant (<120m2)	vehicles	0	0	0	2	2	2	1
Restaurant (120m2 to 1000m2)	vehicles	0	1	2	6	9	8	4
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-aw	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	3	2	2	0	1	2	2
Light industry	vehicles	2	3	4	4	4	2	1
Service station	vehicles	15	13	13	13	17	13	13
Community facility	vehicles	0	0	0	0	1	2	2
Place of worship	vehicles	3	3	3	6	6	6	6
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	1	3	1	1	1	3	1
Recreational facility (gym)	vehicles	5	4	3	3	2	2	4
Residential dwelling (Future)	vehicles	96	96	96	96	96	96	96
Office (general) On-Site	vehicles	0	0	0	0	0	0	0
Retail shops (120m2-1000m2) On-Site	vehicles	1	1	1	1	1	1	1
Restaurant (<120m2) On-Site	vehicles	0	0	0	0	0	0	0
<b>Sub Totals</b>		<b>277</b>	<b>298</b>	<b>301</b>	<b>333</b>	<b>381</b>	<b>362</b>	<b>364</b>
Long Term (Professional)	90%	2	3	3	4	4	2	1
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	30	34	36	42	51	46	46
Short Term (Retail)	80%	110	137	144	167	205	185	184
Long Term (Residential)	100%	97	97	97	97	97	97	97
Short Term (Residential)	100%	24	19	14	14	14	19	24
Long Term (Other)	50%	3	2	2	4	4	5	5
Short Term (Other)	50%	3	2	2	4	4	5	5
Long Term (School)	25%	0	1	0	0	0	1	0
Short Term (School)	75%	1	2	1	1	1	2	1
<b>Existing Parking Supply</b>	<b>Total</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>
	85% of Total	516	516	516	516	516	516	516
	Total Long Term	576	576	576	576	576	576	576
	Total Short Term	31	31	31	31	31	31	31
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	31	31	31	31	31	31	31
<b>Total Observed Demand</b>	<b>Total</b>	<b>170</b>	<b>197</b>	<b>198</b>	<b>223</b>	<b>276</b>	<b>253</b>	<b>250</b>
	Total Long Term	159	183	185	210	259	236	234
	Total Short Term	11	14	13	13	17	17	16
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	11	14	13	13	17	17	16
<b>Future Predicted Demand</b>	<b>Total</b>	<b>277</b>	<b>298</b>	<b>301</b>	<b>333</b>	<b>381</b>	<b>362</b>	<b>364</b>
	Long Term	133	137	139	146	155	151	149
	Short Term	146	161	162	187	225	212	215
	Future Predicted Demand (excl. Future Residential)	181	202	205	237	285	266	268



**Punchbowl Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	440	440
Office (general)	sqm	3688	3688
Retail shops (<120m2)	sqm	3464	3464
Retail shops (120m2 to 1000m2)	sqm	6050	6050
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	400	400
Restaurant (<120m2)	sqm	175	175
Restaurant (120m2 to 1000m2)	sqm	993	993
Restaurant (<120m2) On-Site	sqm	0	0
Restaurant (120m2 to 1000m2) On-Site	sqm	0	0
Child care centre	children	0	0
Medical centre	room	12	12
Medical centre (On-Site)	room	0	0
Service station	sqm retail space	0	0
Community facility	sqm	702	702
Place of worship	sqm	1110	1110
Entertainment facility	sqm	380	380
Motel	room	10	10
Educational establishment	sqm	133	133
Recreational facility (gym)	sqm	425	425
Recreational facility (gym) On-Site	sqm	0	0
Retail shops (120m2 to 1000m2) On-Site	sqm	500	500
Retail shops (>1000m2) Future	sqm	0	0
Residential dwelling (Future)	Dwellings	150	150

**Punchbowl Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.06	0.06
Office (general) [2]	sqm	0.012	0.012
Retail shops (<120m2) [3]	sqm	0.012	0.012
Retail shops (120m2 to 1000m2) [3]	sqm	0.008	0.008
Retail shops (>1000m2) [15]	sqm	0.03	0.03
Hotel/Club [5]	sqm public floor area	0.08	0.08
Restaurant (<120m2) [6]	sqm	0.02	0.02
Restaurant (120m2 to 1000m2) [6]	sqm	0.029	0.029
Restaurant (<120m2) On-Site [7]	sqm	0.005	0.004514
Restaurant (120m2 to 1000m2) On-Site [7]	sqm	0.003	0.003295
Child care centre [8]	children	0.2	0.2
Medical centre [9]	room	2	2
Medical centre (On-Site) [7]	room	0	0
Service station [4]	sqm retail space	0.05	0.05
Community facility [10]	sqm	0.05	0.05
Place of worship [11]	sqm	0.066	0.066
Entertainment facility [12]	sqm	0.1	0.1
Motel [13]	room	0.07	0.07
Educational establishment [14]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (gym) On-Site [7]	sqm	0	0
Retail shops (120m2 to 1000m2) On-Site [7]	sqm	0.014	0.014055
Retail shops (>1000m2) Future [15]	sqm	0.037	0.037
Residential dwelling (Future) [4]	Dwellings	1.2	1.2

Red indicates Rates that have been adjusted

- [1] Based on GTA Consultants database rate for Dwellings Visitor Rates
- [2] Based on number of offices, estimated on-site parking and close proximity of railway station
- [3] Based on parking demand of short-term parking
- [4] Based on City of Canterbury DCP
- [5] Based on GTA Consultants database rate for nightclubs
- [6] Based on estimated on-site parking
- [7] Based on difference between total rate and off-site rate
- [8] City of Canterbury DCP rate, assuming 5 children per staff and 10m2 per child
- [9] City of Canterbury DCP rate, assuming 100m2 per room
- [10] Based on demand for facilities car park
- [11] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m2
- [12] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm
- [13] Based on information gathered from Oasis Hotel (Campsie)
- [14] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m2 per staff
- [15] Based on Campsie Retail shops (>1000m2) rate

Punchbowl Future Temporal Profiles

Use	Unit	Temporary Profile									
		Total Area									
		8:00am	9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
Residential dwelling (visitor) [1]	%	0%	0%	50%	25%	0%	25%	25%	25%	0%	25%
Office (general) [2]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Retail shops (<120m2) [3,4]	%	50%	60%	84%	90%	87%	100%	75%	73%	70%	73%
Retail shops (120m2 to 1000m2) [3,4]	%	50%	60%	84%	90%	85%	100%	75%	73%	70%	73%
Retail shops (>1000m2) [5]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Hotel/Club [6]	%	0%	0%	0%	5%	3%	18%	14%	14%	47%	77%
Restaurant (<120m2) [7]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (120m2 to 1000m2) [7]	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (<120m2) On-Site	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Restaurant (120m2 to 1000m2) On-Site	%	0%	0%	5%	10%	24%	48%	47%	23%	0%	15%
Child care centre [9]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Medical centre [10]	%	50%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	80.0%
Medical centre (On-Site)	%	50%	90.5%	97.0%	80.9%	94.7%	67.8%	87.1%	100.0%	81.0%	80.0%
Service station [5]	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Community facility [12,4]	%	12%	65%	53%	75%	65%	100%	80%	70%	55%	65%
Place of worship [4]	%	15%	20%	25%	45%	65%	100%	70%	55%	50%	40%
Entertainment facility [13]	%	58%	78%	94%	100%	97%	68%	74%	96%	70%	58%
Motel [15]	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [4]	%	26%	87%	99%	100%	97%	90%	97%	97%	98%	68%
Recreational facility (gym) [14]	%	51%	77%	97%	51%	41%	41%	44%	40%	62%	55%
Recreational facility (gym) On-Site	%	51%	77%	97%	51%	41%	41%	44%	40%	62%	55%
Retail shops (120m2 to 1000m2) On-Site	%	50%	60%	84%	90%	85%	100%	75%	73%	70%	73%
Retail shops (>1000m2) Future	%	12%	37%	80%	97%	96%	99%	100%	90%	88%	80%
Residential dwelling (Future)	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

- [1] Based on surveys undertaken by Grogan Richards in South Yarra, Melbourne
- [2] Based on GTA Consultants database
- [3] Based on parking demand survey for short-term parking supply
- [4] Based on GTA Consultants' estimation
- [5] Based on GTA Consultants' database profile for a shop or shopping centre
- [6] Based on GTA Consultants database for a pub / hotel / tavern
- [7] Based on GTA Consultants database profile for restaurant
- [8] Based on GTA Consultants database rate for convenience restaurant
- [9] Based on GTA Consultants database (staff attendance based on office land use)
- [10] Based on GTA Consultants database rate for medical centre
- [11] Based on RTANSW Guide to Traffic Engineering Developments, Oct 2002 (factory land use)
- [12] Based on Demand for Facility's car park
- [13] Based on surveys undertaken of Civic Drive, Kew by City of Boroondara, 2010
- [14] Based on surveys undertaken by GTA Consultants of the Kew Rec Ctr, Mon 1 Mar 2010
- [15] Based on information gathered from Oasis Hotel (Campsie)

# Future Car Parking Model

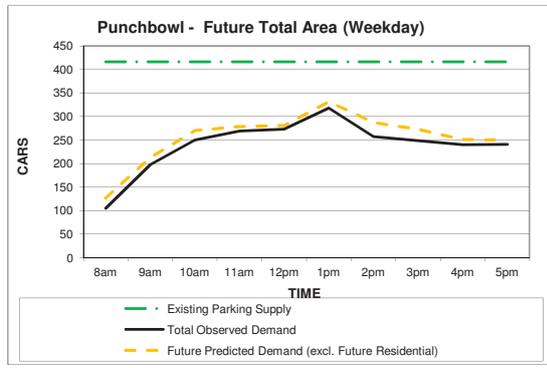


## Punchbowl Future Model

Use	Unit	Punchbowl -Total Study Area									
		8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
Residential dwelling (visitor)	vehicles	0	0	13	7	0	7	7	7	0	7
Office (general)	vehicles	11	38	44	44	43	40	43	43	43	30
Retail shops (<120m2)	vehicles	21	25	35	37	36	42	31	30	29	30
Retail shops (120m2 to 1000m2)	vehicles	24	29	41	44	41	48	36	35	34	35
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	0	1	1	6	4	4	15	25
Restaurant (<120m2)	vehicles	0	0	0	0	1	2	2	1	0	1
Restaurant (120m2 to 1000m2)	vehicles	0	0	1	3	7	14	14	7	0	4
Restaurant (<120m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0
Restaurant (120m2 to 1000m2) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0	0	0	0
Medical centre	vehicles	12	21	23	19	22	16	21	24	19	19
Medical centre (On-Site)	vehicles	0	0	0	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0	0	0	0
Community facility	vehicles	4	23	19	26	23	35	28	25	19	23
Place of worship	vehicles	11	15	18	33	48	73	51	40	37	29
Entertainment facility	vehicles	22	30	36	38	37	26	28	36	26	22
Motel	vehicles	1	1	1	1	1	1	1	1	1	1
Educational establishment	vehicles	1	2	3	3	3	2	3	3	3	2
Recreational facility (gym)	vehicles	16	25	31	16	13	13	14	13	20	17
Recreational facility (gym) On-Site	vehicles	0	0	0	0	0	0	0	0	0	0
Retail shops (120m2 to 1000m2)	vehicles	4	4	6	6	6	7	5	5	5	5
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	180	180	180	180	180	180	180	180	180	180

Sub Totals		307	393	450	459	461	511	468	453	431	430
Long Term (Professional)	90%	10	35	40	40	39	36	39	39	39	27
Short Term (Professional)	10%	1	4	4	4	4	4	4	4	4	3
Long Term (Retail)	20%	13	17	23	22	21	26	23	19	21	24
Short Term (Retail)	80%	52	66	93	87	84	105	85	76	82	94
Long Term (Residential)	100%	181	181	181	181	181	181	181	181	181	181
Short Term (Residential)	100%	0	0	13	7	0	7	7	7	0	7
Long Term (Other)	50%	25	44	48	58	65	75	64	62	51	47
Short Term (Other)	50%	25	44	48	58	65	75	64	62	51	47
Long Term (School)	25%	0	1	1	1	1	1	1	1	1	0
Short Term (School)	75%	1	2	2	2	2	2	2	2	2	1

Existing Parking Supply	Total	416	416	416	416	416	416	416	416	416	416
85% of Total		354	354	354	354	354	354	354	354	354	354
Total Long Term		241	241	241	241	241	241	241	241	241	241
Total Short Term		173	173	173	173	173	173	173	173	173	173
All Other Spaces		2	2	2	2	2	2	2	2	2	2
Total Minus Long Term		175	175	175	175	175	175	175	175	175	175
Total Observed Demand	Total	105	198	250	269	273	318	257	249	240	241
Total Long Term		56	88	100	110	124	140	102	90	94	96
Total Short Term		49	110	149	158	149	178	154	157	144	143
All Other Spaces		0	0	1	1	0	0	1	2	2	2
Total Minus Long Term		49	110	150	159	149	178	155	158	146	145
Future Predicted Demand	Total	307	393	450	459	461	511	468	453	431	430
Long Term		229	277	292	301	306	319	305	301	292	278
Short Term		78	116	159	158	155	193	162	152	139	152
Future Predicted Demand (excl. Future Residential)		127	233	270	279	281	331	288	273	251	250



**Wiley Park Future Land Use**

Use	Unit	Size	
		Total Area	Precinct 1
Residential dwelling (visitor)	Dwellings	275	275
Office (general)	sqm	180	180
Retail shops (<120m2)	sqm	1058	1058
Retail shops (120m2 to 1000m2)	sqm	1229	1229
Retail shops (>1000m2)	sqm	0	0
Hotel/Club	sqm public floor area	509	509
Restaurant (<120m2)	sqm	100	100
Restaurant (120m2 to 1000m2)	sqm	0	0
Restaurant (>1000m2)	sqm	0	0
Restaurant - drive-through take-away	seats	0	0
Child care centre	children	0	0
Medical centre	room	2	2
Light industry	sqm	0	0
Service station	sqm retail space	0	0
Community facility	sqm	0	0
Place of worship	sqm	0	0
Entertainment facility	sqm	0	0
Motel	room	9	9
Educational establishment	sqm	0	0
Recreational facility (gym)	sqm	0	0
Recreational facility (Bowling Green)	bowling greens	0	0
Residential dwelling	sqm	60	60
Retail shops (<120m2) On-Site	sqm	100	100
Restaurant (<120m2) On-Site	sqm	100	100

**Wiley Park Future Car Parking Rates**

Use	Unit (spaces per)	Size	
		Off-Site Parking Rate	Precinct 1
Residential dwelling (visitor) [1]	Dwellings	0.12	0.12
Office (general) [2]	sqm	0	0
Retail shops (<120m <sup>2</sup> ) [3]	sqm	0.018	0.018
Retail shops (120m <sup>2</sup> to 1000m <sup>2</sup> ) [3]	sqm	0.023	0.023
Retail shops (>1000m <sup>2</sup> ) [4]	sqm	0.045	0.045
Hotel/Club [5]	sqm public floor area	0.02	0.02
Restaurant (<120m <sup>2</sup> ) [4]	sqm	0.025	0.025
Restaurant (120m <sup>2</sup> to 1000m <sup>2</sup> ) [4]	sqm	0.033	0.033
Restaurant (>1000m <sup>2</sup> ) [4]	sqm	0	0
Restaurant - drive-through take-away [6]	seats	0.333	0.333
Child care centre [2]	children	0	0
Medical centre [7]	room	0	0
Light industry [4]	sqm	0.01	0.01
Service station [4]	sqm retail space	0.05	0.05
Community facility [8]	sqm	0.1	0.1
Place of worship [9]	sqm	0.066	0.066
Entertainment facility [8]	sqm	0.1	0.1
Motel [10]	room	0.07	0.07
Educational establishment [11]	sqm	0.02	0.02
Recreational facility (gym) [4]	sqm	0.075	0.075
Recreational facility (bowling green) [11]	per bowling green	26.5	26.5
Residential dwelling [4]	sqm	1.2	1.2
Retail shops (<120m <sup>2</sup> ) On-Site [13]	sqm	0	0
Restaurant (<120m <sup>2</sup> ) On-Site [13]	sqm	0	0

Red indicates Rates that have been adjusted

[1] Based on GTA Consultants database rate for Dwellings Visitor Rates

[2] Assumed not open on weekends

[3] Based on on-site parking available for owners/employees

[4] Based on City of Canterbury DCP

[5] Taking into account Pubs car park of 22 spaces was not surveyed

[6] City of Canterbury DCP rate, assuming 33 seats per 100sqm based on GTA Consultants database

[7] Medical Centres in Town Centre provide on-site parking

[8] Not specified in City of Canterbury DCP. Assumed rate based on 0.3 spaces per person and 33 people per 100sqm

[9] Based on City of Canterbury DCP rate of 1 space per 5 people, assuming 33 people per 100m<sup>2</sup>

[10] Based on information gathered from Oasis Hotel (Campsie)

[11] Not specified in City of Canterbury DCP. Assumed rate based on 1 space per staff and 50m<sup>2</sup> per staff

[12] GTA Empirical Data

[13] Based on the difference between total rate and off-site rate

**Wiley Park Future Temporal Profiles**

Use	Unit	Temporary Profile						
		Total Area						
		9:00am	10:00am	11:00am	12:00noon	1:00pm	2:00pm	3:00pm
Residential dwelling (visitor) [1]	%	40%	50%	38%	38%	38%	50%	63%
Office (general) [2]	%	0%	0%	0%	0%	0%	0%	0%
Retail shops (<120m2) [3,6]	%	93%	97%	100%	95%	95%	80%	80%
Retail shops (120m2 to 1000m2) [3,6]	%	93%	97%	100%	95%	95%	80%	80%
Retail shops (>1000m2) [3]	%	49%	78%	97%	100%	100%	99%	98%
Hotel/Club [4]	%	0%	0%	38%	70%	70%	60%	70%
Restaurant (<120m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (120m2 to 1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant (>1000m2) [5,7]	%	0%	5%	10%	35%	50%	47%	23%
Restaurant - drive-through take-away [6,7]	%	29%	29%	35%	40%	64%	46%	49%
Child care centre [2]	%	0%	0%	0%	0%	0%	0%	0%
Medical centre [8]	%	86.0%	71.0%	71.0%	14.0%	29.0%	57.0%	57.0%
Light industry [7]	%	25%	40%	50%	60%	58%	30%	20%
Service station [2]	%	37%	80%	97%	96%	99%	100%	90%
Community facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Place of worship [9]	%	78%	94%	100%	97%	68%	74%	96%
Entertainment facility [9]	%	78%	94%	100%	97%	68%	74%	96%
Motel [10]	%	100%	100%	100%	100%	100%	100%	100%
Educational establishment [7]	%	25%	100%	50%	50%	25%	100%	50%
Recreational facility (gym) [9]	%	41%	34%	26%	23%	18%	18%	28%
Recreational facility (bowling green) [7]	%	25%	50%	65%	85%	100%	99%	95%
Residential dwelling [7]	%	100%	100%	100%	100%	100%	100%	100%
Retail shops (<120m2) On-Site [3,6]	%	93%	97%	100%	95%	95%	80%	80%
Restaurant (<120m2) On-Site [2]	%	0%	5%	10%	35%	50%	47%	23%

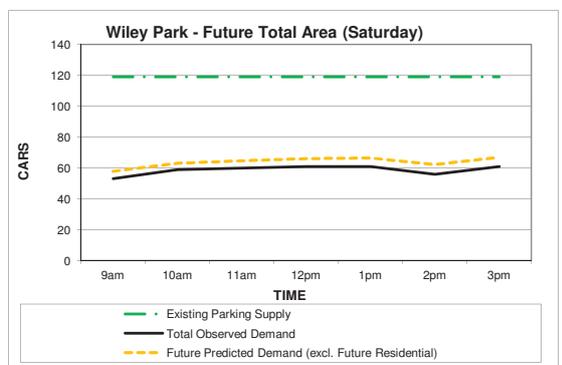
- [1] Based on GTA Consultants database profile for Dwellings
- [2] Assumed not open on a weekend
- [3] Based on GTA Consultants' database profile for a shop or shopping centre
- [4] Based on GTA Consultants database for a nightclub
- [5] Based on GTA Consultants database profile for restaurant
- [6] Based on GTA Consultants database rate for convenience restaurant
- [7] Based on GTA Consultants' estimation
- [8] Based on GTA Consultants database rate for medical centre
- [9] Based on GTA Consultants database for Minor Sports & Recreation Facility
- [10] Based on information gathered from Oasis Hotel (Campsie)

Wiley Park Future Model

Use	Unit	Wiley Park - Total Study Area						
		9am	10am	11am	12pm	1pm	2pm	3pm
Residential dwelling (visitor)	vehicles	13	16	13	13	13	16	21
Office (general)	vehicles	0	0	0	0	0	0	0
Retail shops (<120m2)	vehicles	18	18	19	18	18	15	15
Retail shops (120m2 to 1000m2)	vehicles	26	27	28	27	27	23	23
Retail shops (>1000m2)	vehicles	0	0	0	0	0	0	0
Hotel/Club	vehicles	0	0	4	7	7	6	7
Restaurant (<120m2)	vehicles	0	0	0	1	1	1	1
Restaurant (120m2 to 1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant (>1000m2)	vehicles	0	0	0	0	0	0	0
Restaurant - drive-through take-away	vehicles	0	0	0	0	0	0	0
Child care centre	vehicles	0	0	0	0	0	0	0
Medical centre	vehicles	0	0	0	0	0	0	0
Light industry	vehicles	0	0	0	0	0	0	0
Service station	vehicles	0	0	0	0	0	0	0
Community facility	vehicles	0	0	0	0	0	0	0
Place of worship	vehicles	0	0	0	0	0	0	0
Entertainment facility	vehicles	0	0	0	0	0	0	0
Motel	vehicles	1	1	1	1	1	1	1
Educational establishment	vehicles	0	0	0	0	0	0	0
Recreational facility (gym)	vehicles	0	0	0	0	0	0	0
Recreational facility (bowling green)	vehicles	0	0	0	0	0	0	0
Residential dwelling (Future)	vehicles	72	72	72	72	72	72	72
Retail shops (<120m2) On-Site	vehicles	0	0	0	0	0	0	0
Restaurant (<120m2) On-Site	vehicles	0	0	0	0	0	0	0

Sub Totals		130	135	137	138	138	134	139
Long Term (Professional)	90%	0	0	0	0	0	0	0
Short Term (Professional)	10%	0	0	0	0	0	0	0
Long Term (Retail)	20%	9	9	10	11	11	9	9
Short Term (Retail)	80%	35	37	43	42	43	36	36
Long Term (Residential)	100%	72	72	72	72	72	72	72
Short Term (Residential)	100%	13	16	13	13	13	16	21
Long Term (Other)	50%	0	0	0	0	0	0	0
Short Term (Other)	50%	0	0	0	0	0	0	0
Long Term (School)	25%	0	0	0	0	0	0	0
Short Term (School)	75%	0	0	0	0	0	0	0

Existing Parking Supply	Total	119	119	119	119	119	119	119
	85% of Total	101	101	101	101	101	101	101
	Total Long Term	103	103	103	103	103	103	103
	Total Short Term	16	16	16	16	16	16	16
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	16	16	16	16	16	16	16
Total Observed Demand	Total	53	59	60	61	61	56	61
	Total Long Term	47	55	54	54	52	50	56
	Total Short Term	6	4	6	7	9	6	5
	All Other Spaces	0	0	0	0	0	0	0
	Total Minus Long Term	6	4	6	7	9	6	5
Future Predicted Demand	Total	130	135	137	138	138	134	139
	Long Term	81	82	83	83	83	82	82
	Short Term	48	53	54	55	55	53	57
	Future Predicted Demand (excl. Future Residential)	58	63	65	66	66	62	67



**Melbourne**

A 87 High Street South  
PO Box 684  
KEW VIC 3101  
P +613 9851 9600  
F +613 9851 9610  
E melbourne@gta.com.au

**Sydney**

A Level 2, 815 Pacific Highway  
CHATSWOOD NSW 2067  
PO Box 5254  
WEST CHATSWOOD NSW 1515  
P +612 8448 1800  
F +612 8448 1810  
E sydney@gta.com.au

**Brisbane**

A Level 3, 527 Gregory Terrace  
BOWEN HILLS QLD 4006  
PO Box 555  
FORTITUDE VALLEY QLD 4006  
P +617 3113 5000  
F +617 3113 5010  
E brisbane@gta.com.au

**Canberra**

A Level 11, 60 Marcus Clarke Street  
CANBERRA ACT 2601  
PO Box 1109  
CIVIC SQUARE ACT 2608  
P +612 6243 4826  
F +612 6243 4848  
E canberra@gta.com.au

**Adelaide**

A Suite 4, Level 1, 136 The Parade  
PO Box 3421  
NORWOOD SA 5000  
P +618 8334 3600  
F +618 8334 3610  
E adelaide@gta.com.au

**Gold Coast**

A Level 9, Corporate Centre 2  
Box 37  
1 Corporate Court  
BUNDALL QLD 4217  
P +617 5510 4800  
F +617 5510 4814  
E goldcoast@gta.com.au

**Townsville**

A Level 1, 25 Sturt Street  
PO Box 1064  
TOWNSVILLE QLD 4810  
P +617 4722 2765  
F +617 4722 2761  
E townsville@gta.com.au