

Trip Generation

Worst Case Scheme Assessment

	Excelsior	Timber Wharf	Orion	Senegal Way	Sthlm	Stadium Avenue	Bolina West	Bolina East	Bolina North	Stadium	Totals
C3 (Residential)	19809	32931	20621	8816	26653	4683	23514	22739	34434		194200
B1 (Office)	8959				2576	3465					15000
A1-A5											0
C1 (Hotel)						15000					15000
D1			5426				432	4142			10000
D2		6473		1848	7479						15800

All trip rates below (unless stated otherwise) have been sourced from the Cumulative Impact Assessment, written on behalf of LBL by Alan Baxter & Assoc. The D1 Religion trip rate has been calculated from TRICS. The reasoning behind this is that the LBL assessment does not include trip rates for religious facilities and Hotels

Trip Rates

Max Scheme

	AM			PM			Saturday			
	In	Out	2-Way	In	Out	2-Way	In	Out	2-Way	
Residential (trips/100sqm)	0.14	0.51	0.64	0.36	0.23	0.60	0.35	0.15	0.50	*by PBA From TRAVL (Weekend only)
B1 Office (emp @ 1:16sqm)	0.49	0.01	0.49	0.01	0.22	0.22	0.00	0.00	0.00	
A1 / A2 (trips/100sqm)	0.14	0.11	0.25	0.50	0.48	0.98	2.77	2.76	5.53	*by PBA From TRAVL (Weekend only)
A3 (trips/100sqm)	0.12	0.11	0.22	0.01	0.04	0.05	0.85	0.12	0.96	*by PBA From TRAVL (Weekend only)
C1 Hotel (trips/100sqm)	0.44	1.64	2.07	1.14	0.40	1.54	0.37	1.39	1.76	*by PBA From TRAVL
D1 Multi Faith (trips/100sqm)	4.78	2.76	7.54	2.55	2.50	5.05	19.47	7.44	26.91	*by PBA From TRAVL
D1 Health (trips/100sqm)	4.78	2.76	7.54	2.55	2.50	5.05	0.00	0.00	0.00	*by PBA From TRAVL
D2 Leisure (trips/100sqm)	0.55	0.50	1.06	1.29	0.75	2.03	0.38	1.57	1.95	*by PBA From TRAVL (Weekend only)

Reduction Factors

0.9	AM Internal
0.85	PM Internal
0.05	Passby (A1-A5 only) AM&PM

Total Person Trip Generation

	AM			PM			Saturday		
	In	Out	2-Way	In	Out	2-Way	In	Out	2-Way
Residential (trips/100sqm)	269	982	1251	708	449	1157	683	285	968
B1 Office (emp @ 1:16sqm)	456	6	462	6	202	207	0	0	0
A1 / A2 (trips/100sqm)	0	0	0	0	0	0	0	0	0
A3 (trips/100sqm)	0	0	0	0	0	0	0	0	0
C1 Hotel (trips/100sqm)	65	246	311	171	60	231	56	209	264
D1 Multi Faith (trips/100sqm)	259	150	409	138	135	274	1057	403	1460
D1 Health (trips/100sqm)	219	126	345	117	114	231	207	119	326
D2 Leisure (trips/100sqm)	87	79	167	203	118	322	60	248	308
TOTAL	1356	1589	2945	1343	1079	2422	2062	1264	3326