

# conclusion

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**post-exam and study reflection**

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# conclusion

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## **... an exclusively inclusive approach.**

(Author, 2011)

This dissertation started out as a study on inclusive design and how it could be applied to a specific public building. The process of understanding the relevance and importance of accessible (public) buildings, lead to an understanding of the difficulties experienced by disabled persons, especially independent navigation.

The study analysed two libraries that were completed post-apartheid, and neither of them passed the minimum criteria of the Building Regulations and are by no means inclusive buildings.

In the design process and product, it was clear that designing inclusively had an effect on all design decisions made. Designing inclusively has enriched the design on so many levels, without the obvious add-on of inclusive elements as one usually finds in public buildings, but rather an unnoticed continuous and well thought through design.

An exclusively inclusive approach to design resulted in a intrinsically inclusive building, from the floor finish to the signage to the vertical circulation and the placement of the front door.

In the end, the process resulted not only in an inclusive design, but also good design.

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**sources consulted during the study**

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# appendices

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**Space-Time Research**  
**Census 2001 (October 2001 boundaries)**  
**Table 1**  
**Geography by Disability**  
**for Person weighted**

	No disability	Sight	Hearing	Communication	Physical	Intellectual	Emotional	Multiple
Pretoria	504929	3090	2997	676	5313	2554	2558	3266
Pretoria SP	124	6 -	-		4 -	-		6
Alphen Park	314	3	1	2	11	6	4	2
Andeon AH	1219	7	15	1	13	4	1	1
Annlin	2483	22	19 -		25	5	9	7
Annlin Ext 37	950	5	1 -		9	6	3	4
Annlin West Ext 3	234	1	1 -		4 -	-	-	
Arcadia	16014	150	84	19	196	58	76	243
Ashlea Gardens	708	1	4 -		15	39	2	3
Asiatic Bazaar	610	9 -		4	10	1	2 -	
Bailey's Muckleneuk	554	29	12	1	25	7	11	79
Bellevue	527	20	16	3	45	2	23	4
Bon Accord	110	1 -	-		2 -	-	-	
Booyens	3570	15	5	8	32	36	12	14
Brooklyn	2617	15	8	2	33	8	4	6
Brummeria	886 -		2 -		4	4 -		1
Brummeria Exts	523	2	4	1	4 -	-		2
Bryntirion	239	1 -	-		1 -	-	-	
Capital Park	6346	26	19	14	90	32	9	9
Claremont	6680	17	44	20	91	42	33	10
Colbyn	1051	10	1 -		8	8	6	181
Colbyn Valley	26	1	1 -		1 -	-	-	
Constantia Park	3525	12	4	5	16	17	2	4
Danville	10547	79	55	22	135	54	89	128
Daspoort	6642	140	68	10	100	37	62	68
De Wilgers	5114	32	36	1	79	23	8	25
Deerness	279	7	3 -		4 -		1	1
Derdepoort	345	3	5 -		3	118 -		2
Derdepoort Park	507	1	88	1	4	69 -		13
Doornpoort	10760	31	42	11	56	41	19	23
Dorandia	3386	22	19	5	25	18	4	9
East Lynne	3745	16	25	2	41	27	29	11
Eastmead	229 -	-		1 -	-	-	-	
Eastwood	491	1 -	-		1	1 -		1
Eersterus	25341	88	75	32	230	84	101	123
Ekklesia	760	1	6 -		4	6	6 -	

Elandsfontein	216	3	1 -		3 -		1	9
Elandspoort	1969	31	15	5	50	17	13	18
Elarduspark	9034	29	38	6	59	23	6	26
Eloffsdal	1494	16	21 -		38	6 -		10
Erasmuskloof	3715	11	8 -		19	17	3	7
Erasmuspark	16	3	1 -	-	-	-	-	
Erasmusrand	1319	6	3 -		10	11	3	4
Faerie Glen	12834	47	70	10	101	56	23	45
Florapark	157	1 -	-	-	-	-	1 -	
Florauna	1813	14	17 -		18	5	4	9
Garsfontein	16009	53	92	23	127	56	43	57
General Kemp Heuwel	350	2 -	-		1	1 -	-	
Gezina	4794	35	37	11	60	20	16	22
Groenkloof	3145	40	23	13	41	30	19	45
Hatfield	2678	7	7 -		8	9	5 -	
Hazelwood	398	2	3 -		5	2 -		2
Hermanstad	1099	8	5 -		34	10	20 -	
Hillcrest	349	2	1 -	-		1	1 -	
Hornsoord	1023	12	2	2	24	4	9	1
Jan Niemand Park	1875	5	9 -		15	5	7	4
Kenley AH	212 -	-	-		1 -	-	-	
Kilner Park	4785	25	31	4	63	28	18	15
Kirkney	62 -	-		1	2 -	-		1
Koedoespoort Industrial	19 -		1 -		4 -	-		2
Kwaggasrand	4912	16	20	3	24	20	17	7
Kwaggasrant	36	2 -	-		3 -	-	-	
La Montagne	4265	14	29	1	33	7	14	9
Les Marais	1319	2	19	2	12	4	3	3
Lindo Park	1602	11	3 -		6	5	6 -	
Loeka Villa	847 -		3	1	2	10	1	1
Lotus Gardens	5657	10	14	12	47	17	33	3
Lukasrand	553	1 -		2	2	4	1	1
Lydiana	314	11	5	1	2	1	1	6
Lynnwood	4020	15	22	2	26	19	9	15
Lynnwood Glen	3476	20	24	2	24	7	5	5
Lynnwood Manor	2495	6	16	2	23	10	8	3
Lynnwood Park	439	1	1 -		1 -		1 -	
Lynnwood Ridge	2621	8	17	5	16	5	4	5
Lyttelton	467	1 -		1	1	3	2 -	
Magalieskruin	3369	11	21 -		20	14	5	9
Maroelana	411	7 -		1	4 -	-		4
Mayville	2564	7	12	3	20	7 -		2
Menlo Park	2807	9	11	1	20	5	2	18
Menlyn	363 -	-	-		1 -	-	-	

Meyerspark	4721	18	19	5	37	20	6	7
Montana	492	1 -		1	7 -	-		2
Montana AH	614 -		1 -		4	2 -		1
Montana Ext 2	232	1	1	1	1	1	2	2
Montana Park	2793	8	5	4	12	28	5	8
Montana Park Exts	2768	7	10	10	16	13	13	1
Montana Tuine	1876	7	7	4	18	7 -		5
Monument Park	4931	7	23	2	31	14	20	10
Moregloed	2946	9	13	1	25	17	11	6
Moreletapark	13648	41	42	4	74	49	14	28
Mountain View	5807	18	29	5	63	39	15	20
Muckleneuk	5658	26	22	10	37	30	18	14
Murrayfield	2953	8	9	3	14	8	1	7
New Muckleneuk	675	6	19	2	23 -		6	20
Newlands	2694	21	18	1	25	27	8	8
Onderstepoort	254	1	1 -	-	-	-		1
Parktown Estate	1900	10	8	6	28	10	5	8
Phillip Nel Park	3429	14	10	33	3	24	41	1
Pretoria CBD	23961	170	91	47	188	80	73	143
Pretoria Gardens	6443	35	38	6	62	47	7	25
Pretoria Industrial	920	1	2 -	-		2 -		2
Pretoria North	9591	91	99	20	149	62	37	186
Pretoria University & Schools	637	2	3	2	5	5	5	99
Pretoria University Sports Grounds	336	1	3 -	-	-		2	1
Pretoria West	7645	71	35	10	86	47	40	14
Pretoriuspark Ext 1	572	4	1 -		9	2	5	3
Prinshof	1554	161	23	6	102	38	22	63
Proclamation Hill	3136	19	38	1	34	20	27	6
Pumulani AH	528	2	2 -		1	2	1	3
Queenswood	5823	30	46	7	108	35	34	54
Radio Uitkyk	564	4 -	-		4	1 -	-	
Rietfontein	9864	69	73	18	113	37	39	49
Rietondale	1726	62	4	5	16	2	11	4
Rietvalleirand	665 -		2 -		1	1 -	-	
Rietvlei Nature Reserve	164 -	-	-	-	-	-	-	
Riviera	2121	11	13	3	10	10	1	6
Roseville	753	7	8	1	6	3	2	21
Salvokop	8071	127	171	41	336	75	152	325
Scientia	60	1	1 -	-	-	-	-	
Silverton	8590	42	55	13	127	58	36	19
Sinoville	5795	18	26 -		53	25	10	10
Sinoville Ext	2023	4	5 -		15	8	1	5
Skanskop	-	-	-	-	-	-	-	
Sterrewag	626 -		3 -		4	2 -	-	

Suiderberg	2409	17	10	5	58	27	26	13
Sunnyside	26053	137	137	16	233	88	46	64
Technikon Rant	35	2 -	-	-	-	-	-	-
Thaba-Tshwane	5575	20	39	20	54	13	19	83
Tileba	872	1	5	1	6	4	1	1
Trevenna	1589	23	4 -		4	8	2	1
Val de Grace	1396	7	4	1	12	4	3	3
Valhalla	7707	30	33	6	99	30	22	191
Villieria	10786	123	67	12	123	60	45	126
Waltloo	153	3	1 -		2	1 -		1
Wapadrand	2522	3	5	1	21	9	2 -	
Waterkloof	3677	21	12	1	36	9	2	47
Waterkloof AH	926	7	7	2	34	2 -		2
Waterkloof Glen	3043	6	13 -		35	15	2	6
Waterkloof Heights	875	8	7	1	8	3 -		2
Waterkloof Park	429	4	1 -	-		1 -	-	
Waterkloof Ridge	6465	34	34	2	34	30	14	20
Waverley	6756	56	60	4	78	23	14	19
Weavind Park	1702	10	8	6	14	8	1	3
Weskoppies	1387	7	4	4	10	6	784	28
Wespark	4564	18	132	4	41	21	15	48
Willow Glen AH	1842	5	32	3	20	6 -		5
Willow Park	147	1 -	-		4	1 -	-	
Willow Park AH	572	11 -	-	-		2 -	-	
Willowbrae AH	307 -	-	-	-	-		2 -	
Wingate Park	4488	11	30	2	19	24	1	9
Wolmer	4202	24	25	8	106	42	17	19
Wonderboom	5069	17	17	1	30	26	8	11
Wonderboom Aerodrome	165	2	3	1 -	-		6 -	
Wonderboom AH	251	1 -	-		6 -	-	-	
Wonderboom Nature Reserve	6 -	-	-	-	-	-	-	
Wonderboom South	8346	60	56	16	86	44	26	24
Woodhill	683	1	2 -		4	5 -		1
Zwartkop Nature Reserve	5 -	-	-	-	-	-	-	

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Space-Time Research  
Census 2001 (October 2001 boundaries)  
Table 1  
Geography by Age in five year categories  
for Person weighted

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Pretoria	28197	31034	34650	45690	59839	54695	50854	43343	40078	32135	27502	22621	17722	11984	10032	6953	4773	3282	525384
Pretoria SP	1	6	8	16	29	22	11	18	5	6	3	11	4	-	-	-	-	-	141
Alphen Park	9	10	35	85	25	14	18	17	15	21	17	23	12	13	7	1	-	-	344
Andeon AH	72	53	75	70	111	178	134	133	123	72	80	54	41	30	18	7	8	2	1262
Annlin	99	140	153	203	184	172	223	199	195	164	222	160	163	113	90	51	29	10	2570
Annlin Ext 37	101	73	61	58	107	153	157	88	53	38	37	26	14	5	6	1	-	-	978
Annlin West Ext 3	6	6	14	12	16	11	11	13	14	13	19	11	15	12	18	17	18	14	240
Arcadia	758	648	648	1656	3556	2635	1651	1065	893	647	473	470	360	328	262	277	274	237	16839
Ashlea Gardens	30	41	53	80	103	94	59	42	53	55	46	33	35	15	12	8	7	7	772
Asiatic Bazaar	37	19	15	31	105	134	71	62	53	46	33	15	12	2	-	1	-	-	636
Bailey's Muckleneuk	12	25	43	71	42	28	32	30	57	60	43	30	36	20	43	34	51	61	718
Bellevue	28	21	33	68	47	41	40	41	44	32	36	35	14	23	43	21	35	39	640
Bon Accord	7	4	4	14	9	16	17	6	10	12	6	6	1	1	-	-	-	-	113
Booyens	187	249	308	401	299	285	364	325	327	303	216	163	114	63	44	28	11	2	3692
Brooklyn	84	111	189	229	268	157	148	212	254	248	208	171	129	95	86	52	32	20	2693
Brummeria	38	36	32	65	60	52	75	69	55	61	74	76	83	61	32	22	6	1	898
Brummeria Exts	9	5	10	14	52	42	32	22	29	20	24	19	25	22	36	66	42	20	536
Bryntirion	15	7	5	14	15	25	35	21	15	18	23	24	5	6	6	2	3	3	242
Capital Park	271	359	435	555	637	527	599	539	533	424	379	351	297	220	165	124	81	48	6545
Claremont	405	527	630	704	539	603	634	621	589	421	388	259	244	133	126	65	29	20	6937
Colbyn	49	58	50	87	104	56	89	102	102	122	76	69	47	35	53	53	54	59	1265
Colbyn Valley	1	1	2	11	-	-	1	4	3	-	1	-	1	-	2	1	-	-	29
Constantia Park	159	212	285	346	268	224	239	313	327	287	366	256	137	58	50	31	18	8	3585
Danville	691	863	960	1006	999	1076	1162	966	873	610	501	372	338	233	203	112	86	60	11109
Daspoort	391	515	560	653	594	577	714	623	619	504	380	350	235	154	126	63	58	11	7127
De Wilgers	186	198	338	460	395	363	346	397	402	431	452	291	211	165	194	227	167	97	5319
Deerness	8	11	12	22	26	15	25	17	22	15	16	15	16	13	17	20	15	10	296
Derdepoort	12	55	183	135	12	7	5	11	14	16	10	5	6	3	1	-	1	-	476
Derdepoort Park	56	76	137	89	44	54	75	60	29	20	16	14	9	2	-	1	1	-	684
Doornpoort	962	1031	835	549	555	1302	1885	1331	808	426	312	321	290	171	112	61	19	13	10982
Dorandia	159	195	295	392	261	283	300	285	324	269	241	199	120	59	54	22	19	9	3487
East Lynne	225	248	294	369	323	307	332	306	338	279	245	216	148	110	63	58	22	11	3895
Eastmead	7	12	16	23	34	21	20	21	26	10	14	14	1	6	3	1	1	1	230
Eastwood	21	24	27	42	30	40	58	37	56	43	35	21	14	18	13	5	9	5	496
Eersterus	2303	2246	2377	2554	2889	2789	2346	1928	1728	1428	1124	727	589	435	275	159	89	88	26074
Ekklesia	59	76	71	72	57	82	69	54	64	51	43	26	27	13	9	7	2	3	784
Elandsfontein	23	14	21	17	26	24	22	29	11	16	9	5	4	7	4	1	-	-	233
Elandspoor	141	176	201	201	190	214	218	178	169	141	99	78	55	32	14	5	2	4	2118
Elarduspark	580	723	775	784	646	808	1036	920	898	614	500	352	222	139	111	68	34	10	9221
Eloffsdal	52	71	85	111	88	96	96	110	121	92	88	96	122	67	91	86	60	54	1586
Erasmusklouf	297	218	242	257	283	418	514	397	357	263	162	115	130	42	49	22	8	6	3781
Erasmuspark	-	-	-	1	3	2	3	1	2	7	1	-	-	-	-	-	-	-	20
Erasmusrand	50	72	87	113	100	88	81	111	114	104	113	141	97	49	19	8	6	5	1358
Faerie Glen	732	738	727	864	834	1044	1234	1209	1067	963	872	773	606	512	479	297	169	67	13186
Florapark	16	27	34	13	1	17	9	7	3	6	4	6	6	6	-	1	1	-	159
Florauna	75	100	129	155	157	130	132	130	197	168	144	135	87	61	35	26	13	7	1880
Garsfontein	807	1002	1250	1500	1232	1188	1318	1409	1669	1461	1143	702	435	315	318	290	250	172	16461
General Kemp Heuwel	32	47	38	30	22	31	43	57	28	11	6	6	-	2	-	-	-	-	355
Gezina	251	291	301	325	659	580	470	385	388	285	281	223	186	148	97	61	37	29	4996
Groenkloof	111	140	149	360	603	204	208	195	213	229	177	166	130	106	117	98	76	74	3355

Hatfield	49	31	34	525	1129	287	149	92	82	87	65	55	31	26	30	26	11	4	2715
Hazelwood	10	15	21	37	64	34	23	30	24	39	31	21	22	17	10	9	3	2	413
Hermanstad	55	73	96	131	96	102	96	121	103	73	63	55	35	41	19	10	2	4	1176
Hillcrest	3	4	31	86	155	28	14	11	5	2	8	1	4	1	1	-	-	-	355
Hornsoord	70	52	47	71	143	173	94	106	99	71	49	31	25	18	17	8	1	1	1077
Jan Niemand Park	125	164	195	161	151	162	177	184	145	113	105	81	60	46	32	8	5	7	1921
Kenley AH	13	6	17	29	28	18	5	9	25	22	21	6	4	3	3	1	-	1	213
Kilner Park	225	243	260	340	469	500	447	395	299	334	372	323	271	154	130	93	68	46	4969
Kirkney	2	3	1	4	6	9	7	6	7	8	4	4	1	3	-	-	1	-	66
Koedoespoort Industrial	-	2	1	1	4	-	3	6	2	-	2	2	1	-	-	-	2	-	26
Kwaggasrand	458	458	442	436	447	620	660	535	362	217	148	88	64	37	18	16	13	-	5019
Kwaggasrant	1	-	-	3	6	2	3	6	7	7	2	3	1	-	-	-	-	-	41
La Montagne	204	199	202	274	444	591	526	291	307	254	301	243	215	125	98	62	32	7	4373
Les Marais	72	54	73	113	97	112	102	112	132	100	93	86	65	47	58	30	10	10	1365
Lindo Park	164	136	149	140	155	202	214	138	135	80	44	29	25	10	6	3	2	1	1633
Loeka Villa	54	44	32	44	79	125	108	135	75	50	39	34	18	11	9	3	5	1	865
Lotus Gardens	496	556	630	689	574	411	498	574	551	372	198	113	58	34	24	8	4	2	5792
Lukasrand	25	48	41	52	37	27	29	39	59	52	49	28	22	19	15	15	7	3	565
Lydiana	13	20	17	23	45	23	27	37	33	28	14	19	17	16	5	3	1	-	341
Lynnwood	157	222	264	343	362	233	275	306	416	328	350	273	186	126	122	86	50	30	4129
Lynnwood Glen	153	167	256	412	254	240	261	272	298	237	232	244	199	134	114	50	28	11	3563
Lynnwood Manor	96	134	120	159	231	242	208	204	193	191	165	165	170	124	86	38	25	12	2564
Lynnwood Park	19	21	20	21	43	30	31	47	27	36	39	52	29	13	8	6	2	1	444
Lynnwood Ridge	98	141	191	242	218	178	188	185	235	237	208	203	138	68	74	47	22	9	2680
Lytelton	43	49	50	44	40	43	50	55	52	26	10	5	2	3	-	-	2	1	475
Magalieskruin	134	187	242	328	308	190	259	286	270	253	327	275	174	88	55	42	21	11	3450
Maroelana	17	17	32	43	39	27	28	32	40	36	36	27	19	7	8	1	2	2	427
Mayville	150	165	178	202	229	237	256	229	215	158	161	116	115	85	49	34	24	14	2615
Menlo Park	100	151	227	285	239	162	195	209	290	227	229	165	129	94	73	52	30	17	2873
Menlyn	15	15	13	19	57	76	46	24	24	24	11	14	10	6	2	3	2	1	364
Meyerspark	231	249	366	431	386	330	393	373	404	414	340	291	253	141	119	63	28	23	4833
Montana	20	33	38	53	35	25	40	48	51	40	49	34	15	6	6	2	2	6	504
Montana AH	27	29	25	26	55	60	58	63	64	44	39	52	40	13	13	8	5	3	623
Montana Ext 2	7	11	13	22	16	12	18	29	11	27	18	22	13	13	5	5	1	-	242
Montana Park	210	234	177	170	132	198	351	313	306	181	161	138	134	90	39	17	3	8	2862
Montana Park Exts	199	196	166	143	131	205	366	291	201	143	156	198	156	108	79	66	28	7	2839
Montana Tuine	109	140	125	113	90	158	172	166	126	92	59	55	88	162	126	79	50	14	1922
Monument Park	281	315	342	360	360	394	483	461	482	392	370	226	221	150	111	48	29	14	5038
Moregloed	137	187	226	223	239	235	315	264	234	191	169	170	191	114	74	31	18	10	3027
Moreletapark	1028	997	941	848	906	1556	1919	1544	1315	963	650	466	333	179	135	72	37	10	13900
Mountain View	343	426	450	526	458	475	585	482	542	434	316	308	225	156	135	80	35	19	5996
Muckleneuk	279	241	226	414	1046	944	634	407	361	320	236	193	153	96	102	84	49	31	5814
Murrayfield	112	150	197	236	224	240	278	204	240	256	226	236	164	108	59	47	16	10	3002
New Muckleneuk	16	31	53	54	52	46	46	50	65	59	42	31	57	30	29	25	26	39	752
Newlands	144	159	211	262	227	183	225	242	310	263	157	117	89	56	58	39	35	27	2803
Onderstepoort	5	5	3	17	125	36	20	10	14	2	9	2	6	1	1	-	-	-	258
Parktown Estate	103	116	145	150	152	154	176	144	178	159	145	116	95	55	40	18	19	10	1975
Phillip Nel Park	220	148	120	625	1242	388	309	194	125	61	42	25	20	12	15	1	7	3	3556
Pretoria CBD	1161	991	905	2757	6545	4865	2665	1463	903	631	453	294	260	183	202	180	173	123	24751
Pretoria Gardens	341	400	517	611	524	530	596	595	588	467	392	345	271	198	138	80	51	20	6663
Pretoria Industrial	36	45	52	170	267	105	64	43	44	44	28	17	8	3	-	-	1	-	927
Pretoria North	513	605	721	816	863	905	923	841	756	631	503	557	434	321	294	279	162	113	10236
Pretoria University & Schools	11	9	154	397	25	26	26	22	15	15	17	23	12	1	2	-	1	1	758
Pretoria University Sports Grounds	3	-	31	162	112	1	6	4	6	5	5	4	3	1	-	-	-	-	343
Pretoria West	538	510	489	604	996	1086	844	640	543	402	370	300	226	145	102	72	45	36	7949
Pretoriuspark Ext 1	46	55	40	32	44	41	78	81	66	35	23	14	17	11	3	6	2	1	596
Prinshof	88	89	137	346	499	203	125	93	69	62	63	54	46	28	29	19	11	10	1970
Proclamation Hill	184	235	239	271	307	360	275	260	257	204	198	143	131	72	68	35	25	18	3283



Pumulani AH	47	35	26	19	43	67	64	59	48	35	29	17	21	17	3	4	3	2	540
Queenswood	242	307	405	414	491	440	493	456	459	375	338	318	299	263	244	210	200	184	6138
Radio Uitkyk	48	61	69	75	43	39	52	74	67	28	7	5	5	-	-	-	-	-	573
Rietfontein	501	546	685	785	748	856	931	858	800	673	653	574	514	356	366	248	115	51	10260
Rietondale	102	112	154	132	119	84	180	164	174	152	121	87	71	57	43	32	32	13	1831
Rietvalleirand	24	17	14	19	90	163	86	25	21	25	25	30	37	33	44	8	5	3	670
Rietvlei Nature Reserve	11	14	3	4	11	7	16	18	31	26	12	2	6	2	-	-	-	1	164
Riviera	83	108	116	115	292	201	162	166	137	127	98	79	63	56	52	101	101	118	2176
Roseville	29	38	36	61	72	56	58	57	61	61	82	52	45	36	38	11	7	1	801
Salvokop	202	236	258	702	1601	2101	1615	1073	672	384	238	117	62	13	17	4	1	4	9299
Scientia	1	-	1	1	7	6	6	4	9	9	4	7	4	-	1	1	-	1	62
Silverton	552	633	616	736	765	860	855	756	741	598	497	404	318	208	159	98	87	58	8940
Sinoville	244	368	449	491	431	343	482	515	460	445	413	378	383	161	147	91	84	55	5937
Sinoville Ext	81	103	168	191	181	139	165	153	178	184	188	130	94	32	33	15	16	10	2062
Skanskop	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sterrewag	34	36	36	24	80	89	90	75	61	27	24	25	15	8	10	-	1	-	635
Suiderberg	177	208	213	184	203	274	327	286	231	147	99	55	47	25	20	20	22	28	2566
Sunnyside	1291	1011	1001	2585	7129	4742	2580	1487	1135	794	594	603	436	325	311	287	238	224	26773
Technikon Rant	-	1	1	-	-	4	5	2	5	12	5	1	1	-	-	-	-	-	37
Thaba-Tshwane	337	435	458	373	615	912	843	713	529	310	133	74	41	21	10	6	9	3	5823
Tileba	50	48	69	89	72	82	83	84	82	46	48	43	35	20	16	13	9	3	891
Trevenna	81	56	38	177	488	373	177	69	55	35	17	27	14	6	7	5	6	1	1632
Val de Grace	69	78	79	110	91	96	118	130	118	103	136	111	65	64	37	13	9	3	1430
Valhalla	320	453	518	733	600	625	685	681	697	586	515	516	458	317	201	116	67	28	8117
Villieria	520	666	745	876	809	805	952	956	891	761	664	655	480	383	453	308	260	158	11343
Waltloo	6	-	1	7	24	36	20	17	19	15	5	5	1	5	-	-	-	-	161
Wapadrans	157	143	148	140	151	300	299	221	231	176	169	158	120	83	42	16	7	2	2564
Waterkloof	130	246	246	263	215	200	217	332	354	377	350	257	186	133	121	77	57	42	3805
Waterkloof AH	43	37	57	55	67	122	141	79	102	74	56	57	48	30	7	2	2	-	980
Waterkloof Glen	132	194	231	295	287	187	185	257	269	286	296	227	110	68	45	27	15	8	3121
Waterkloof Heights	59	61	66	74	61	58	73	92	92	65	70	44	31	21	18	15	2	5	906
Waterkloof Park	28	22	26	30	41	35	56	35	40	31	43	15	14	3	9	4	3	-	436
Waterkloof Ridge	301	350	463	505	440	398	531	608	714	570	512	434	321	170	149	97	42	29	6633
Waverley	330	430	533	593	435	428	565	580	598	522	435	399	345	255	268	165	95	34	7010
Weavind Park	110	90	84	106	179	242	206	148	117	106	93	100	77	47	17	20	9	1	1752
Weskoppies	90	65	63	91	341	546	294	230	148	104	93	67	31	32	15	14	6	-	2230
Wespark	326	428	439	469	466	494	515	465	389	256	178	183	103	58	35	28	2	5	4843
Willow Glen AH	79	100	90	110	141	130	118	144	145	165	169	155	103	83	54	47	36	46	1913
Willow Park	7	8	27	30	6	5	13	4	13	14	5	7	6	5	2	-	-	-	153
Willow Park AH	43	36	27	32	62	99	89	61	40	25	24	23	11	6	2	-	-	4	585
Willowbrae AH	27	18	12	20	32	39	32	32	30	36	9	6	11	2	2	-	2	-	309
Wingate Park	275	307	374	398	346	252	391	411	444	375	382	319	150	66	38	26	23	9	4585
Wolmer	282	325	414	449	401	365	435	365	364	255	218	182	137	105	62	42	26	13	4443
Wonderboom	184	289	363	438	412	322	371	386	446	397	444	410	313	178	112	55	29	29	5178
Wonderboom Aerodrome	1	1	4	13	32	34	51	22	13	4	1	1	-	-	-	-	-	-	177
Wonderboom AH	16	9	18	15	19	19	24	28	25	25	6	21	20	5	2	2	-	2	258
Wonderboom Nature Reserve	-	-	-	-	-	-	-	-	1	4	-	1	-	-	-	-	-	-	6
Wonderboom South	412	468	521	660	852	889	765	738	669	541	593	415	395	261	223	133	64	58	8658
Woodhill	72	71	60	37	22	51	97	112	64	32	31	17	13	9	2	8	-	-	697
Zwartkop Nature Reserve	-	-	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	5

# ACCESS AUDIT CRITERIA

vis	mob	hear	mom	old	comments
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## GENERAL

### Entrance

- threshold (step)
- identification
- visibility at night
- logical/appropriate placing


### reception

- counter\_lower + recessed


### External signage

- legibility
- visibility at night


### parking/transport

- parking bay location
- disabled parking spots
- public transport - accessible?
- public transport - stop location
- surface change from parking to entrance


### portico

- ramp\_gradient
- handrails
- stairs\_nosings / colour diff
- handrails




LAYOUT

foyer

- orientation
- circulation position
- circulation separation
- reception/info
- directional signage
- lift + ramp entrance - same as stair


wayfinding - general

- signage to w/c's + family space
- size and type of fonts
- colour use on signage
- graphics
- tactility of signage
- maps - tactile?
- emergency signage and alarms


outside / courtyard spaces

- seating
- level changes
- ramp\_ all req
- stairs\_ all req
- lighting\_ all req




secondary space/function

- entrance
- relative positioning
- level change?
- lighting
- glare
- lighting day time
- lighting night time
- control switches position
- floor finish, slippery factor
- floor colour
- floor level trip factor
- acoustic quality
- wall/ceiling - colour and contrast


communication / equipment

- public telephones\_height + position
- computers with visual aids


first aid

- room for assistance


**NON PHYSICAL COMPONENTS**

**attitudes of staff**

- towards disability
- education ito assistance
- willingness to assist
- training in place?


**fire - egress**

- fire stair
- alarms - visible and audible
- alternative exit procedure
