



# GOVERNMENT GAZETTE

## OF THE

# REPUBLIC OF NAMIBIA

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N\$2.20

WINDHOEK - 13 May 2008

No. 4044

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## Government Notices

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### MINISTRY OF LANDS AND RESETTLEMENT

No. 107 2008

#### NOTIFICATION OF OFFICIAL CO-ORDINATED VALUES: LAND SURVEY ACT, 1993

Under section 20(3)(b) of the Land Survey Act, 1993 (Act No. 33 of 1993) I state that as from one month following the date of publication of this notice, a land surveyor, in surveying or subdividing land or in replacing a beacon in the Windhoek township, or in any defined portion, in respect of the attached Town Survey Marks and Fundamental Town Survey Marks which have been erected, shall base his or her survey on the official values set out in the Schedule.

**U.G.O. OKAFOR**  
**Surveyor-General**

Windhoek, 24 April 2008

**TRIGONOMETRIC BEACONS**

Degsq	Name	Y	X	H(MSL)	Description
2216	9 Auchabis	80058.5	63139.92	1614.9	platform beacon 1m
2216	11 Aukeigas	5167.788	61307.380	1764.8	concrete pillar
2216	14 Auuanis	89082.85	83788.6	1781.4	platform beacon 1m
2216	19 Base West	382.02	63254.50		destroyed
2216	22 Blauwberg	83165.13	24703.45	1245.1	concrete pillar
2216	25 Bewaldetekuppe	19478.78	101945.49	1889.5	platform beacon 1m
2216	35 Collenberg	31793.02	13166.22	1458.2	platform beacon 1m
2216	38 Delbrückshöhe	74628.49	45406.15	1529.2	platform beacon 1m
2216	48 Erichsbrunn	43806.42	67525.22	1828.3	platform beacon 1m
2216	49 Eroraberg	56682.49	2405.24	1606.1	concrete pillar
2216	57 Glynberg	46621.99	43563.86	1806.8	platform beacon 1m
2216	61 Goneib	56020.80	66826.59	1641.6	platform beacon 1m
2216	67 Gudenberg	50273.58	52302.16	1794.0	concrete pillar
2216	68 Guntherberg	91957.79	104968.97	1856.7	concrete pillar
2216	72 Hartigkuppe	74497.19	94975.85	1758.4	platform beacon 1m
2216	77 Hochland	45029.22	108163.13	1890.3	platform beacon 1m
2216	81 Hohenzollernberg	6968.07	42214.57	1916.5	platform beacon 1m
2216	89 Kaanrivier	73978.68	71846.04	1694.5	platform beacon 1 m
2216	97 Karlsfelsen	90009.22	58386.96	1531.1	concrete pillar
2216	98 Katzenbuckel	5703.62	95371.24	1974.0	platform beacon 1m
2216	99 Kavalierberg	1364.32	108538.90	2029.5	platform beacon 1m
2216	100 Kegelberg	51623.27	109183.22	1848.7	concrete pillar
2216	103 //ammams	510.918	54164.411	1642.03	concrete pillar
2216	112 Komas	36118.90	54709.81	2045.6	platform beacon 1 m
2216	113 Komaseck	14885.96	27422.44	1846.5	platform beacon 1 m
2216	120 Kuduspitze	76773.16	15415.22	1666.8	concrete pillar
2216	121 Kupferberg	7453.84	72658.57	2043.0	platform beacon 1m
2216	122 Kurikaub	96774.44	55966.55	1568.0	concrete pillar
2216	123 Landmister	34214.08	73234.93	1701.7	platform beacon 1m
2216	132 Lievenberg	66878.72	29803.20	1615.8	platform beacon 1m
2216	136 Myburgh	29401.48	99003.97	1850.1	platform beacon 1m
2216	152 Okatjene	93150.73	12290.96	1415.7	concrete pillar
2216	153 Okahimbo	21352.99	29825.65	1765.0	platform beacon 1m
2216	154 Okawakuejaberg	99353.94	29893.12	1417.6	platform beacon 1m
2216	160 Osonakuppe	13852.42	16039.64	1460.3	platform beacon 1m
2216	164 Otjompaue	12119.75	59781.72	1972.6	platform beacon 1m
2216	177 Rosenthal	28998.34	35289.52	1778.2	platform beacon 1m
2216	182 Rundkop	92744.43	46645.97	1218.2	concrete pillar
2216	188 Schmerenbecksfarm	23982.99	89958.13	1904.0	platform beacon 1 m
2216	189 Schmidtsfarm	30805.10	93331.84	1807.4	platform beacon 1m
2216	194 Sichelhof	11837.29	87967.41	1974.1	platform beacon 1m
2216	199 Sneyrivierkopf	48475.32	16534.90	1299.3	platform beacon 1m
2216	203 Sternberg	49.74	88227.84	2190.8	concrete pillar
2216	205 Stuckenber	59507.60	82759.96	1828.2	platform beacon 1m
2216	210 Turmberg	13694.38	81183.07	2030.9	platform beacon 1m
2216	213 Vaalgras	35371.75	104347.53	1831.1	platform beacon 1m
2216	217 Weiss	90410.65	38960.56	933.1	platform beacon 1m
2216	250 Mission South	99587.10	40260.23	1027.6	concrete pillar
2216	252 Ovitoto	4625.11	5444.96	1580.0	platform beacon 1m
2216	253 Ongombe	17811.19	6152.41	1378.5	platform beacon 1m
2216	255 Otjipereheke	88590.74	2439.65	1710.7	concrete pillar

2216	257	Fried	16946.03	72931.36	1878.6	concrete pillar
2216	281	Daan	4492.925	55749.988	1756.1	concrete pillar
2216	282	Zuckerhutberg	9194.45	49388.33	1940.4	concrete pillar
2216	283	Monte	3591.361	45202.031	1744.6	concrete pillar
2216	284	Grosse Massiv	9590.12	35139.82	1825.6	concrete pillar
2216	286	Kavariberg	976.20	31055.30	1475.0	concrete pillar
2216	292	Teufelskopf	3023.97	22475.96	1610.2	concrete pillar
2216	293	Dustern	6417.95	23466.86	1659.1	platform beacon 1 m
2216	294	Mewa	6032.89	18265.59	1507.2	platform beacon 1 m
2216	295	Wucher	8069.35	13660.82	1553.5	platform beacon 1 m
2216	297	Franken	18180.57	18057.31	1436.0	concrete pillar
2216	298	Ravensberg	22649.89	22197.80	1515.9	concrete pillar
2216	300A	Aretaragas	611.142	60457.815	1646.6	concrete pillar
2216	300B	Aretaragas sub	565.993	60576.126	1640.4	concrete pillar

### TRIGONOMETRIC BEACONS

Deg	sq	Name	y	X	H(MSL)	Description
2217	4	Aloekopf	-99786.090	95975.470	1533.4	concrete pillar
2217	8	Aub	-20212.710	106030.000	1718.8	concrete pillar
2217	15	Avis	-15905.043	63358.504	1872.4	concrete pillar
2217	17	Base East	-11742.970	54294.790		X in concrete
2217	18	Base South	-7371.720	60487.800		concrete pillar
2217	20	Base North	-4515.690	57161.150		concrete pillar
2217	23	Bergzicht	-83717.420	98318.820	1598.4	concrete pillar
2217	24	Betlehem	-26161.200	83735.100	2010.3	concrete pillar
2217	27	Billstein	-1149.990	110517.460	2246.6	concrete pillar
2217	30	Bodenhausen	-67365.980	41394.320	1680.8	pipe beacon
2217	31	Bismark	-42152.700	62882.720	2300.4	concrete pillar
2217	39	Dordabis	-71171.120	108717.180	1585.3	platform beacon 1m
2217	40	Dornbaum	-35407.100	83823.720	1834.2	platform beacon 1m
2217	41	Dreisnitz	-43882.050	78158.100	1995.8	concrete pillar
2217	47	Elisenhöhe	-51596.820	87213.320	2006.3	concrete pillar
2217	50	Eros	-10489.688	60272.255	1807.2	concrete pillar
2217	52	Flachkuppe	-52449.620	7962.550	1875.0	platform beacon 1m
2217	59	Gocheganas	-14196.400	90589.670	1980.4	platform beacon 1m
2217	63	Grimmrucken	-71381.630	98682.860	1875.1	concrete pillar
2217	65	Grossherzog Friedrich	-6317.660	78522.170	2337.4	platform beacon 1m
2217	73	Hatsamas	-57313.360	105585.770	2003.4	concrete pillar
2217	79	Hohenau	-51982.650	78100.200	2063.3	concrete pillar
2217	80	Hoher Schein	-39519.210	102936.810	2268.9	concrete pillar
2217	82	Hohe Warte	-44546.250	68575.170	2068.6	concrete pillar
2217	83	Hohe-Windhuk	-11071.280	64410.765	1881.0	concrete pillar
2217	88	John	-91852.800	106767.900	1578.9	concrete pillar
2217	90	Kaiser W.B.	-2802.577	68240.880	1998.7	concrete pillar
2217	91	Kalkkop	-61868.690	96987.590	1797.1	concrete pillar
2217	95	Kapps	-26973.370	68377.350	2411.0	concrete pillar
2217	103	Kleeforte	-88107.390	89403.360	1767.2	concrete pillar
2217	104	Kleine Kuppe	-10567.964	70190.852	1919.5	concrete pillar
2217	108	Koanus	-57727.010	67562.090	2014.5	concrete pillar
2217	109	Koas	-68341.670	92073.680	1791.4	concrete pillar
2217	116	Kranzneusberg	-16854.700	99100.600	2020.1	platform beacon 1m
2217	117	Kronenberg	-88910.600	101973.400	1591.1	concrete pillar
2217	118	Kudis	-33326.430	105337.850	2164.7	concrete pillar

2217	125	Lassberg	-97349.990	52460.190	1697.2	platform beacon 1 m
2217	130	Leutwein	-3195.500	96319.810	2418.8	concrete pillar
2217	131	Liebenstein	-3659.080	81225.360	2303.4	platform beacon 1m
2217	135	Moltkeblick	-18508.747	72022.937	2481.6	concrete pillar
2217	147	Neudammeck	-31578.470	48592.900	2093.4	platform beacon 1m
2217	149	Nuaub	-10683.960	107544.460	2140.9	concrete pillar
2217	150	Nubuamisberg	-5533.578	53318.328	1790.7	concrete pillar
2217	155	Omieveberg	-92577.930	5725.380	1894.3	platform beacon 1m
2217	156	Onganjberg	-59840.700	10021.300	1913.2	platform beacon 1m
2217	157	Onjati	-51788.700	21545.860	1967.4	concrete pillar
2217	159	Oruhungu	-30885.680	32079.390	1898.2	platform beacon 1m
2217	161	Otjihaenena	-80463.740	24060.620	1676.6	platform beacon 1m
2217	162	Otjimukona	-68527.550	79184.680	1708.8	concrete pillar
2217	163	Otjivero	-94724.530	36469.730	1806.5	platform beacon 1m
2217	165	Otjosongati	-34055.950	2439.500	1721.0	platform beacon 1m
2217	167	Owiwajuberg	-97480.830	15497.940	1759.9	platform beacon 1m
2217	168	Paulinenhof	-.30676.130	75023.920	1995.9	concrete pillar
2217	170	Poort	-80224.130	85211.240	1777.7	platform beacon 1 m
2217	171	Prinz Heinrich	-16414.630	18198.090	2048.8	platform beacon 1m
2217	173	Richtberg	-77194.390	69914.030	1826.7	platform beacon 1m
2217	174	Rietfontein	-40254.590	92984.360	2176.2	concrete pillar
2217	180	Rundberg	-68665.200	13069.210	1840.8	platform beacon 1 m
2217	181	Rundkopf	-83855.520	62934.320	1622.0	platform beacon 1m
2217	184	Rust	-45322.490	48794.130	1719.4	platform beacon 1m
2217	187	Schildkrotenberg	-12248.340	82852.480	2195.9	platform beacon 1m
2217	191	Schwarzkopf	-25632.520	95213.280	2212.6	concrete pillar
2217	192	Seeisberg	-70052.030	59588.320	1841.2	concrete pillar
2217	196	Skumok	-80021.020	107874.550	1519.9	concrete pillar
2217	201	Spitzberg	-8297.800	23368.220	1993.6	platform beacon 1m
2217	204	Stolzenfeld	-60385.420	86307.900	1763.2	concrete pillar
2217	207	Tsatsachas	-45987.650	98771.890	2036.7	concrete pillar
2217	215	Wachter	-13105.052	52799.351	2122.6	concrete pillar
2217	218	Weisser Nossob	-78377.700	32445.560	1612.8	platform beacon 1 m
2217	219	Win 1	-4376.393	59853.780	1641.1	concrete pillar
2217	221	Win 3	-6423.805	62884.852	1683.5	concrete pillar
2217	223	Win 5	-9274.811	61506.356	1716.0	concrete pillar
2217	224	Win 6	-9660.237	62379.183	1753.0	concrete pillar
2217	225	Win 7	-9548.422	63421.960	1744.5	concrete pillar
2217	226	Win 8	-11841.563	62072.985	1813.5	concrete pillar
2217	227	Win 9	-12058.540	63672.994	1759.0	concrete pillar
2217	228	WinlO	-8770.140	65108.910	1694.9	concrete pillar
2217	229	WinlI	-6451.350	65666.720	1693.0	concrete pillar ,
2217	237	Muambo	-80370.980	44681.730	1664.9	pipe beacon
2217	238	Auasende	-29866.740	66918.230	2310.9	concrete pillar
2217	239	Bismarckberge N	-42669.030	61046.530	2253.5	concrete pillar
2217	240	Brakwater	-10285.420	37542.140	1869.6	concrete pillar
2217	241	Dobra	-17370.090	43976.150	2024.7	platform beacon 1m
2217	242	Gr.Okapukaberg	-5192.048	38851.150	1526.8	concrete pillar
2217	243	Havera	-16995.540	32799.440	2055.2	concrete pillar
2217	244	Christ Church	-9053.120	62813.850		centre of ball on spire
2217	245	FreedomChurch	-8709.800	63498.450		centre of ball on spire
2217	248	R.C.Church N	-8556.800	62469.790		spire
2217	249	R.C.Church S	-8555.070	62481.930		spire
2217	251	Otjongombe	-10091.100	454.160	1658.8	platform beacon 1m
2217	254	Sweefkop	-338.140	12652.390	1602.8	concrete pillar

2217	258	Augus	-4392.813	59867.073	1643.9	pillar on building
2217	259	Pokkies	-8215.705	60048.577	1677.8	concrete pillar
2217	260	Olympia	-9728.590	66201.938	1756.0	pillar on reservoir
2217	261	Oub	-2543.234	64357.697	1710.3	concrete pillar
2217	262	Gorean	-934.116	58303.390	1637.2	concrete pillar
2217	263	Michaelis	-14352.088	67215.091	1887.2	concrete pillar
2217	264	Kahl	-11233.379	56479.408	1811.6	concrete pillar
2217	265	Regen	-5667.801	74384.760	2146.3	concrete pillar
2217	266	Mun	-8899.920	63203.690	1709.2	pillar on reservoir
2217	269	Lafrenz	-7637.273	54337.232	1707.2	pillar on Reservoir
2217	270	Martiens	-9642.671	50936.652	1657.9	concrete pillar
2217	271	Brak 1	-6318.909	49947.334	1722.7	concrete pillar
2217	272	Brak 2	-4541.836	48054.201	1636.6	concrete pillar
2217	273	Brak 5	-8420.364	47348.744	1588.0	concrete pillar
2217	274	Brak 3	-5740.214	44640.375	1537.9	concrete pillar
2217	275	Dobra West	-11502.940	45023.800	1863.4	concrete pillar
2217	276	Kudukuppe	-181.385	48722.965	1565.8	concrete pillar
2217	277	Christo	-1238.576	43221.161	1624.1	concrete pillar
2217	278	Brak 4	-5780.064	41806.289	1526.0	concrete pillar
2217	279	Samuelkuppe	-186.440	38643.150	1481.8	concrete pillar
2217	280	Elefantenberg	-1713.212	52078.555	1749.8	concrete pillar
2217	281	Elisabethhaus	-8045.830	62633.000		spire
2217	282	GPO	-8867.010	62598.150		mast
2217	283	NGK Hoogland	-7940.980	62001.430		spire
2217	284	NGK Windhoek-Oos	-9561.730	63225.520		spire
2217	285	Klein Okapukaberg	-3398.300	35344.700	1510.6	concrete pillar
2217	286	NGK Pionierspark	-6390.730	64985.710		spire
2217	287	NGK Suiderhof	-9422.930	65014.040		spire
2217	288	Moll	-7328.330	29517.270	1897.5	concrete pillar
2217	289	NGK Windhoek-Noord	-7507.030	60680.270		spire
2217	290	Midden	-4349.270	23710.720	1879.3	concrete pillar
2217	291	Bach	-4697.430	18727.570	1773.6	concrete pillar
2217	292	S.W.P.	-4680.105	62348.557	1677.7	pillar on reservoir
2217	293	KATLO	-3883.648	56726.568	1649.7	pillar on reservoir
2217	294	DRC	-8915.680	62484.180		spire
2217	296	Ludwig	-11061.293	62059.462	1786.8	concrete pillar
2217		Rennplatz	-6362.301	70704.189	1844.2	concrete pillar

#### FUNDAMENTAL TOWNSURVEY MARKS

Degsq	Name	Y	X	H(MSL)	Description	
2217	0	FTSM 00 MUN	-8937.038	63195.957	1709.500	Pillar on Building
2217	1	FTSM 01 Waterworks	-8080.346	60410.104	1655.030	Concrete Pillar
2217	2	FTSM 02 Khomasdal	-4700.364	62323.339	1667.779	Concrete Pillar
2217	3	FTSM 03 Tony Rust	-197.710	62319.749	1614.664	Concrete Pillar
2217	4	FTSM 04 N.Industrial	-8025.944	57485.788	1619.618	Concrete Pillar
2217	5	FTSM 05 Ujams	-7972.016	52274.066	1601.899	Concrete Pillar
2217	6	FTSM 06 Okuryangava	-5894.378	54423.048	1662.156	Concrete Pillar
2217	7	FTSM 07 Katutura	-4413.211	57650.726	1627.154	Concrete Pillar
2217	8	FTSM 08 Goreangab	-706.446	58426.403	1589.677	Concrete Pillar
2217	9	FTSM 09 Ongos	-610.635	53153.057 1	561.747	Concrete Pillar
2217	10	FTSM 10 Ludwigsdorf	-11329.029	62173.967	1695.320	Concrete Pillar
2217	11	FTSM 11 Avis	-12919.92	64177.486	1708.161	Concrete Pillar
2217	12	FTSM 12 S.Industrial	-8018.94	65732.522	1678.024	Concrete Pillar

2217	13	FTSM 13 UNAM	5750.939	68512.305	1731.599	Concrete Pillar
2217	14	FTSM 14 Cimbebasia -	8258.192	70431.379	1732.644	Concrete Pillar
2217	15	FTSM 15 Auaspoort -	7570.07	73358.521	1809.973	Concrete Pillar
2217	16	FTSM 16 Kleine Kuppe	-12050.118	68465.641	1779.468	Concrete Pillar
2217	17	FTSM 17 Rocky Crest	-4357.056	65380.620	1687.685	Concrete Pillar
2217	18	FTSM 18 Brakwater NE	-8608.993	42845.910	1505.585	Concrete Pillar
2217	19	FTSM 19 Elisenheim	-8605.262	49149.135		Concrete Pillar
2217	20	FTSM 20 Dobra	-6852.785	45884.863	1529.821	Concrete Pillar
2217	21	FTSM 21 Okuryangava	-6772.943	54251.111	1661.547	Concrete Pillar
2217	22	FTSM 22 Havana	-2928.875	56596.143	1614.202	Concrete Pillar
2217	23	FTSM 23 Katutura East	-7329.407	58133.954	1638.308	Concrete Pillar
2217	24	FTSM 24 Eros Park	-9279.121	59133.914	1708.012	Concrete Pillar
2217	25	FTSM 25 Ludwigsdorft	-13151.002	63040.118	1804.247	Pillar on Reservoir
2217	26	FTSM 26 Auasblick	-11944.316	65619.851	1784.594	Concrete Pillar
2217	27	FTSM 27 Kleine Kuppe	-10091.727	69330.976	1778.766	Concrete Pillar
2217	28	FTSM 28 Otjomuise South	-2506.413	62220.809	1643.494	Concrete Pillar
2217	29	FTSM 29 Otjomuise North	-1730.896	60641.118	1616.350	Concrete Pillar
2217	30	FTSM 30 Khomasdal West	-3869.379	60215.240	1625.876	Concrete Pillar
2217	31	FTSM 31 Ujams North	-7246.390	48753.510		Concrete Pillar

#### TOWN SURVEY MARKS

Degsq	Name	Y	X	H (MSL)	Description	
2217	4	TSM004	-8655.060	61377.490	1649.042	Brass peg in TSM box
2217	5	TSM005	-8678.250	61590.780	1652.283	Brass peg in TSM box
2217	6	TSM006	-8700.970	61799.670	1654.649	Brass peg in TSM box
2217	7	TSM007	-8725.380	62016.070	1656.710	Brass peg in TSM box
2217	10	TSM010	-8744.240	62508.230	1662.772	Brass peg in TSM box
2217	12	TSM012	-8763.060	62844.810	1668.053	Brass peg in TSM box
2217	13	TSM013	-8800.460	63016.020	1670.102	Brass peg in TSM box
2217	14	TSM014	-8819.830	63154.820	1670.974	Brass peg in TSM box
2217	15	TSM015	-8847.090	63349.600	1672.616	Brass peg in TSM box
2217	16	TSM016	-8883.007	63595.870	1673.958	Brass peg in TSM box
2217	18	TSM018	-9177.960	63697.680		Brass peg in TSM box
2217	19	TSM019	-8989.700	63789.500	1677.182	Brass peg in TSM box
2217	20	TSM020	-8924.460	63950.320	1671.768	Brass peg in TSM box
2217	21	TSM021	-8853.396	60717.995	1643.792	Brass peg in TSM box
2217	22	TSM022	-9070.480	60989.700	1653.033	Brass peg in TSM box
2217	23	TSM023	-9026.958	61142.581	1654.192	Brass peg in TSM box
2217	24	TSM024	-8936.160	613641.830		Brass peg in TSM box
2217	25	TSM025	-8877.280	61487.120		Brass peg in TSM box
2217	26	TSM026	-8903.750	61773.840		Brass peg in TSM box
2217	27	TSM027	-8917.870	61996.450		Brass peg in TSM box
2217	28	TSM028	-8928.090	62184.550	1661.261	Brass peg in TSM box
2217	29	TSM029	-9003.940	62417.850		Brass peg in TSM box
2217	32	TSM032	-9119.613	63076.164	1697.881	Brass peg in TSM box
2217	33	TSM033	-9155.550	63202.890		Brass peg in TSM box
2217	34	TSM034	-9221.740	63401.570		Brass peg in TSM box
2217	36	TSM036	-9377.700	63693.180	1697.297	Brass peg in TSM box
2217	37	TSM037	-9264.770	63876.620	1687.317	Brass peg in TSM box
2217	38	TSM038	-9116.410	64012.900	1678.153	Brass peg in TSM box
2217	39	TSM039	-8966.580	64098.260	1672.573	Brass peg in TSM box
2217	40	TSM040	-8859.260	64202.850	1671.552	Brass peg in TSM box
2217	41	TSM041	-8707.350	64344.310	1672.308	Brass peg in TSM box
2217	42	TSM042	-8581.090	64460.820	1671.489	Brass peg in TSM box

2217	45	TSM045	-8622.440	62526.620	1662.631	Brass peg in TSM box
2217	47	TSM047	-8648.000	62867.500	1662.772	Brass peg in TSM box
2217	48	TSM048	-8645.280	63207.270		Brass peg in TSM box
2217	51	TSM051	-8720.120	63673.680		Brass peg in TSM box
2217	52	TSM052	-8826.850	63782.200	1673.732	Brass peg in TSM box
2217	53	TSM053	-8776.756	63967.050	1669.540	Brass peg in TSM box
2217	61	TSM061	-8529.705	63432.452	1674.042	Brass peg in TSM box
2217	62	TSM062	-8571.784	63696.072	1679.058	Brass peg in TSM box
2217	63	TSM063	-8607.740	63920.180	1667.137	Brass peg in TSM box
2217	64	TSM064	-8674.790	64110.870	1667.533	Brass peg in TSM box
2217	68	TSM068	-10087.810	63538.290	1689.572	Brass peg in TSM box
2217	69	TSM069	-10312.850	63449.660	1689.416	Brass peg in TSM box
2217	71	TSM071	-10699.550	63295.150	1685.804	Brass peg in TSM box
2217	72	TSM072	-10699.800	63296.940	1681.648	Brass peg in TSM box
2217	73	TSM073	-11226.680	63421.640	1683.771	Brass peg in TSM box
2217	76	TSM076	-11914.093	63823.895	1686.430	Brass peg in TSM box
2217	78	TSM078	-9319.080	64208.530	1679.303	Brass peg in TSM box
2217	79	TSM079	-9487.260	64359.180	1683.781	Brass peg in TSM box
2217	83	TSM083	-10151.550	64246.360	1721.921	Brass peg in TSM box
2217	84	TSM084	-10371.800	63992.820	1711.372	Brass peg in TSM box
2217	86	TSM086	-10806.561	63729.332	1719.638	Brass peg in TSM box
2217	87	TSM087	-10953.390	63622.170	1722.461	Brass peg in TSM box
2217	90	TSM090	-11390.672	63687.054	1694.750	Brass peg in TSM box
2217	91	TSM091	-10132.443	63435.942	1696.772	Brass peg in TSM box
2217	92	TSM092	-10224.380	63318.780		Brass peg in TSM box
2217	93	TSM093	-10330.468	63142.685	1682.044	Brass peg in TSM box
2217	94	TSM094	-10372.810	62975.740		Brass peg in TSM box
2217	95	TSM095	-10418.447	62811.643	1670.472	Brass peg in TSM box
2217	97	TSM097	-10666.366	62891.784	1668.095	Brass peg in TSM box
2217	108	TSM108	-9589.848	61013.995	1649.783	Brass peg in TSM box
2217	110	TSM110	-10812.649	63556.057	1711.114	Brass peg in TSM box
2217	111	TSM111	-9748.780	64284.490		Brass peg in TSM box
2217	113	TSM113	-9529.190	63968.990		Brass peg in TSM box
2217	115	TSM115	-7848.402	60949.641	1645.613	Brass peg in TSM box
2217	116	TSM116	-7725.790	61058.320	1646.303	Brass peg in TSM box
2217	119	TSM119	-6631.120	61487.440	1635.173	Brass peg in TSM box
2217	120	TSM120	-6616.910	61737.730	1638.451	Brass peg in TSM box
2217	121	TSM121	-6641.870	61900.080	1644.490	Brass peg in TSM box
2217	122	TSM122	-6704.017	62129.793	1643.577	Brass peg in TSM box
2217	123	TSM123	-6801.890	62338.930	1639.230	Brass peg in TSM box
2217	124	TSM124	-7041.590	62492.860	1642.155	Brass peg in TSM box
2217	125	TSM125	-7179.940	62566.200	1647.429	Brass peg in TSM box
2217	126	TSM126	-7456.000	62789.270	1647.003	Brass peg in TSM box
2217	127	TSM127	-7577.240	62928.070	1648.226	Brass peg in TSM box
2217	128	TSM128	-7625.160	63076.950	1649.185	Brass peg in TSM box
2217	129	TSM129	-7662.986	63239.425	1652.713	Brass peg in TSM box
2217	130	TSM130	-7810.607	63299.879	1659.592	Brass peg in TSM box
2217	131	TSM131	-8092.608	63413.546	1670.366	Brass peg in TSM box
2217	132	TSM132	-8312.420	63499.970	1672.966	Brass peg in TSM box
2217	134	TSM134	-8552.597	63573.872	1679.684	Brass peg in TSM box
2217	139	TSM139	-7670.082	62379.233	1669.316	Brass peg in TSM box
2217	140	TSM140	-7570.690	62407.120	1666.273	Brass peg in TSM box
2217	141	TSM141	-7355.940	62503.950	1660.652	Brass peg in TSM box
2217	143	TSM143	-7837.840	62050.250	1672.161	Brass peg in TSM box
2217	145	TSM145	-7811.490	61645.320	1658.420	Brass peg in TSM box

2217	147	TSM147	-7759.170	61202.180	1651.609	Brass peg in TSM box
2217	149	TSM149	-7467.827	61921.762	1674.958	Brass peg in TSM box
2217	150	TSM150	-7153.840	61859.580		Brass peg in TSM box
2217	151	TSM 151	-6894.820	61872.510		Brass peg in TSM box
2217	152	TSM152	-6754.750	61886.810		Brass peg in TSM box
2217	153	TSM153	-7315.767	62405.312	1658.048	Brass peg in TSM box
2217	154	TSM154	-7230.909	62172.911	1658.316	Brass peg in TSM box
2217	155	TSM155	-7162.220	62972.730		Brass peg in TSM box
2217	156	TSM156	-7112.223	61757.727	1660.096	Brass peg in TSM box
2217	157	TSM157	-7046.993	61632.485	1649.025	Brass peg in TSM box
2217	158	TSM158	-6979.725	61509.658	1640.807	Brass peg in TSM box
2217	159	TSM159	-6718.969	61338.652	1639.343	Brass peg in TSM box
2217	160	TSM 160	-9015.120	62167.620	1663.086	Brass peg in TSM box
2217	161	TSM161	-9065.258	62090.680	1675.008	Brass peg in TSM box
2217	162	TSM162	-9233.315	62053.483	1690.928	Brass peg in TSM box
2217	163	TSM163	-9299.668	61777.790	1686.357	Brass peg in TSM box
2217	164	TSM164	-9361.752	61709.609	1680.078	Brass peg in TSM box
2217	165	TSM165	-9506.825	61556.491	1662.342	Brass peg in TSM box
2217	166	TSM166	-9629.888	61425.286	1653.271	Brass peg in TSM box
2217	167	TSM167	-9204.370	61609.910		Brass peg in TSM box
2217	169	TSM169	-9021.105	61886.168	1674.064	Brass peg in TSM box
2217	170	TSM 170	-9125.493	61845.789	1679.999	Brass peg in TSM box
2217	174	TSM174	-8460.413	62054.671	1651.735	Brass peg in TSM box
2217	176	TSM176	-8303.262	62217.380	1657.543	Brass peg in TSM box
2217	178	TSM178	-8269.090	62014.830	1655.657	Brass peg in TSM box
2217	179	TSM179	-8290.860	61541.110	1650.058	Brass peg in TSM box
2217	180	TSM 180	-8253.820	61147.249		Brass peg in TSM box
2217	181	TSM181	-8403.160	62548.010	1659.394	Brass peg in TSM box
2217	201	TSM201	-4169.491	62404.253	1659.153	Iron bolt in concrete
2217	202	TSM202	-3696.839	62424.130	1630.160	Iron bolt on catchpit
2217	203	TSM203	-3701.960	61739.936	1623.843	Iron bolt on catchpit
2217	204	TSM204	-3754.316	61359.305	1614.413	Iron bolt on catchpit
2217	205	TSM205	-3755.978	61026.136	1610.908	Iron bolt on manhole
2217	206	TSM206	-3627.131	60849.370	1608.071	Iron bolt on catchpit
2217	207	TSM207	-3706.203	60675.048	1607.190	Iron bolt on manhole
2217	208	TSM208	-3727.801	60312.491	1605.531	Iron bolt on manhole
2217	209	TSM209	-4069.519	60612.866	1636.567	Iron bolt on catchpit
2217	210	TSM210	-4302.139	60846.930	1639.387	Iron bolt on catchpit
2217	211	TSM211	-4686.564	61160.580	1650.478	Iron bolt in concrete
2217	212	TSM212	-4630.426	61460.037	1629.131	Iron bolt on catchpit
2217	213	TSM213	-4817.893	61618.431	1648.933	Iron bolt on catchpit
2217	214	TSM214	-4909.955	61932.499	1658.697	Iron bolt on catchpit
2217	215	TSM215	-9537.855	69152.252	1725.502	Iron bolt on manhole
2217	216	TSM216	-9377.840	68983393	1717.455	Iron bolt on manhole
2217	217	TSM217	-9484.077	68712.647	1715.393	Iron bolt on catchpit
2217	219	TSM219	-4596.609	63438.558	1655.737	Iron bolt on manhole
2217	220	TSM220	-4648.398	63791.984	1670.786	Iron bolt on manhole
2217	221	TSM221	-4502.618	63728.259	1667.223	Iron bolt on catchpit
2217	222	TSM222	-4402.939	64129.635	1652.213	Iron bolt on manhole
2217	223	TSM223	-4939.852	64273.630	1673.349	Iron bolt on manhole -
2217	224	TSM224	-5026.310	64266.640	1676.810	Iron bolt on manhole
2217	225	TSM225	-5460.576	64438.864	1657.413	Iron bolt on catchpit
2217	226	TSM226	-2442.070	61177.142	1640.341	Iron bolt on manhole
2217	227	TSM227	-1954.316	60899.291	1613.019	Iron bolt on manhole
2217	228	TSM228	-2879.592	60384.324	1624.152	Iron bolt on manhole



2217	229	TSM229	-3589.142	58713.831	1609.379	Iron bolt in concrete
2217	230	TSM230	-3087.774	58033.234	1591.953	Iron bolt on manhole
2217	231	TSM231	-11185.552	65553.958	1759.469	Iron bolt next to kerb
2217	232	TSM232	-11105.146	65680.517	1772.638	Iron bolt next to kerb
2217	233	TSM233	-11072.292	65921.937	1734.124	Iron bolt in concrete
2217	234	TSM234	-10825.079	66245.310	1717.626	Iron bolt on catchpit
2217	235	TSM235	-10992.898	66469.567	1724.841	Iron bolt on manhole
2217	236	TSM236	-10951.434	67079.940	1722.591	Iron bolt on catchpit
2217	237	TSM237	-10749.362	67228.764	1720.717	Iron bolt in concrete
2217	238	TSM238	-10875.828	68437.065	1725.160	Iron bolt in concrete
2217	239	TSM239	-10385.279	68414.727	1721.828	Iron bolt on catchpit
2217	240	TSM240	-10292.102	68530.335	1728.755	Iron bolt on catchpit
2217	241	TSM241	-8240.064	69454.624	1718.173	Iron bolt on manhole
2217	242	TSM242	-7751.802	69577.362	1720.823	Iron bolt on manhole
2217	243	TSM243	-8278.406	68760.029	1707.761	Iron bolt on catchpit
2217	244	TSM244	-8235.747	68760.816	1708.217	Iron bolt on manhole
2217	245	TSM245	-6598.608	67536.552	1704.268	Iron bolt in concrete
2217	246	TSM246	-6678.151	63190.162	1677.901	Iron bolt in concrete
2217	247	TSM247	-6529.089	63321.504	1675.432	Iron bolt in concrete
2217	248	TSM248	-10100.027	61061.868	1705.129	Iron bolt in concrete
2217	249	TSM249	-9511.133	59961.513	1655.079	Iron bolt on catchpit
2217	250	TSM250	-9375.480	59910.696	1652.988	Iron bolt on catchpit
2217	251	TSM251	-9224.560	59474.342	1697.525	Iron bolt on catchpit
2217	252	TSM252	-9332.161	59036.174	1696.430	Iron bolt in concrete
2217	253	TSM253	-9789.715	58829.997	1700.596	Iron bolt in concrete
2217	254	TSM254	-9627.636	59336.293	1692.567	Iron bolt in concrete
2217	255	TSM255	-9429.741	59520.716	1681.596	Iron bolt in concrete
2217	257	TSM257	-7802.505	58586.754	1624.620	Iron bolt on catchpit
2217	258	TSM258	-7797.581	58248.780	1625.267	Iron bolt on manhole
2217	259	TSM259	-7057.082	58489.981	1637.746	Iron bolt in concrete
2217	260	TSM260	-7020.574	58276.771	1631.677	Iron bolt on manhole
2217	261	TSM261	-6362.400	56654.805	1632.816	Iron bolt on manhole
2217	262	TSM262	-4634.298	57283.721	1628.359	Iron bolt on manhole
2217	263	TSM263	-4874.763	56949.609	1632.623	Iron bolt on manhole
2217	264	TSM264	-4650.552	56937.157	1638.245	Iron bolt on manhole
2217	265	TSM265	-3812.272	56508.613	1627.519	Iron bolt in concrete
2217	266	TSM266	-3577.493	56699.251	1621.054	Iron bolt on catchpit
2217	267	TSM267	-3238.165	56893.589	1610.013	Iron bolt on manhole
2217	268	TSM268	-2934.790	56587.887	1612.943	Iron bolt on manhole
2217	269	TSM269	-2021.215	56028.426	1595.860	Iron bolt on manhole
2217	270	TSM270	-1798.461	55913.871	1601.442	Iron bolt in concrete
2217	271	TSM271	-7742.541	63806.017	1663.198	Iron bolt on catchpit
2217	272	TSM272	-7851.011	63966.114	1673.227	Iron bolt on catchpit
2217	273	TSM273	-5617.332	63065.147	1645.353	Iron bolt in concrete
2217	274	TSM274	-5475.004	63061.256	1657.548	Iron bolt next to kerb
2217	275	TSM275	-5912.952	56593.691	1645.910	Iron bolt in concrete
2217	276	TSM276	-4362.213	56486.683	1632.631	Iron bolt in concrete
2217	277	TSM277	-4797.318	56448.414	1631.826	Iron bolt in concrete
2217	278	TSM278	-4641.966	56089.661	1637.470	Iron bolt in concrete
2217	279	TSM279	-4387.996	56119.559	1645.910	Iron bolt in concrete
2217	280	TSM280	-4357.136	55982.528	1652.810	Iron bolt in concrete
2217	281	TSM281	-4018.523	56136.587	1639.045	Iron bolt in concrete
2217	282	TSM282	-4678.711	56199.231	1636.740	Iron bolt on catchpit
2217	283	TSM283	-4293.734	56877.519	1625.602	Iron bolt on manhole
2217	284	TSM284	-2228.397	56477.839	1596.012	Iron bolt in concrete

2217	285	TSM285	-1759.492	55896.536	1598.108	Iron bolt in concrete
2217	286	TSM286	-1655.844	55621.738	1578.044	Iron bolt in concrete
2217	287	TSM287	-1550.847	55369.488	1582.478	Iron bolt in concrete
2217	288	TSM288	-1554.628	55110.683	1567.315	Iron bolt in concrete
2217	289	TSM289	-2237.711	54818.650	1584.656	Iron bolt in concrete
2217	290	TSM290	-3089.133	57186.357	1607.446	Iron bolt in concrete
2217	293	TSM293	-5331.392	55675.832	1645.805	Iron bolt in concrete
2217	295	TSM295	-12511.027	64618.320	1719.908	12mm iron peg in concrete, underground
2217	296	TSM296	-12719.291	64983.220	1736.997	12mm iron peg in concrete, underground
2217	297	TSM297	-12367.547	65021.071	1733.489	12mm iron peg in concrete, underground
2217	298	TSM298	-12006.600	64973.137	1745.425	12mm iron peg in concrete, underground
2217	299	TSM299	-11462.557	65221.089	1778.460	12mm iron peg in concrete, underground
2217	301	TSM301	-12331.371	66864.357	1761.460	12mm iron peg in concrete, underground
2217	302	TSM302	-12814.598	65771.621	1745.168	12mm iron peg in concrete, underground
2217	303	TSM303	-12902.977	66302.380	1763.924	12mm iron peg in concrete, underground

#### REFERENCE MARKS

Degsq	Name	y	X	H (MSL)	Description	
2217	RM003	Auasblick	-10596.194	65849.269	1745.300	16mm iron peg
2217	RM009	Auasblick	-11310.223	65882.887	1737.974	16mm iron peg in concret underground
2217	RM034	Cimbebasia	-8170.512	70229.613	1726.759	16mm iron peg in concrete, underground
2217	RM036	Cimbebasia	-7921.143	70446.253	1731.242	16mm iron peg in concete underground
2217	RM037	Cimbebasia	-7949.492	70249.657	1728.500	16mm iron peg in concrete, underground
2217	RM018	Katutura	-4307.284	57619.552	1617.297	16mm iron peg in concrete, underground
2217	RM004	Okuryangava	-6156.946	56079.094	1649.863	16mm iron peg in concrete, underground
2217	RM018	Okuryangava	-5846.744	56294.244	1632.533	16mm iron peg in concrete, underground
2217	RM019	Okuryangava	-5741.795	56246.841	1636.450	16mm iron peg in concrete, underground
2217	RM020	Okuryangava	-5763.404	56110.461	1636.061	16mm iron peg in concrete, underground
2217	RM025	Okuryangava	-5382.169	56171.320	1637.158	16mm iron peg in concrete, underground
2217	RM027	Okuryangava	-5516.728	56189.948	1629.533	16mm iron peg in concrete, underground
2217	RM030	Okuryangava	-5201.682	55750.622	1630.992	16mm iron peg in concrete, underground
2217	RM038	Okuryangava	-5177.119	56084.265	1632.599	16mm iron peg in concrete, underground

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2217	RM039	Okuryangava	-5098.32	755927.327	1626.141	16mm iron peg in concrete, underground
2217	RM040	Okuryangava	-5250.734	55894.088	1640.878	16mm iron peg in concrete, underground
2217	RM042	Okuryangava	-5463.624	55839.290	1651.472	16mm iron peg in concrete, underground
2217	RM043	Okuryangava	-5496.719	55970.606	1640.006	16mm iron peg in concrete, underground
2217	RM045	Okuryangava	-5349.399	55964.758	1641.691	16mm iron peg in concrete, underground
2217	RM046	Okuryangava	-5131.644	55993.825	1632.378	16mm iron peg in concrete, underground
2217	RM068	Okuryangava	-4183.331	56079.475	1638.240	16mm iron peg in concrete, underground
2217	RM070	Okuryangava	-4066.840	56030.330	1638.128	16mm iron peg in concrete, underground
2217	RM081	Okuryangava	-4804.008	56381.429	1629.786	16mm iron peg in concrete, underground
2217	RM041	Wanaheda	-4203.998	56550.002	1625.470	16mm iron peg in concrete, underground
2217	RM075	Wanaheda	-3680.542	57646.815	1605.874	16mm iron peg in concrete, underground
2217	RM076	Wanaheda	-3538.329	57631.965	1611.395	16mm iron peg in concrete, underground
2217	RM079	Wanaheda	-3384.128	57743.813	1606.307	16mm iron peg in concrete, underground
2217	RM080	Wanaheda	-3320.114	57795.970	1596.900	16mm iron peg in concrete, underground
2217	RM108	Wanaheda	-3090.656	57324.684	1600.824	16mm iron peg in concrete, underground

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