

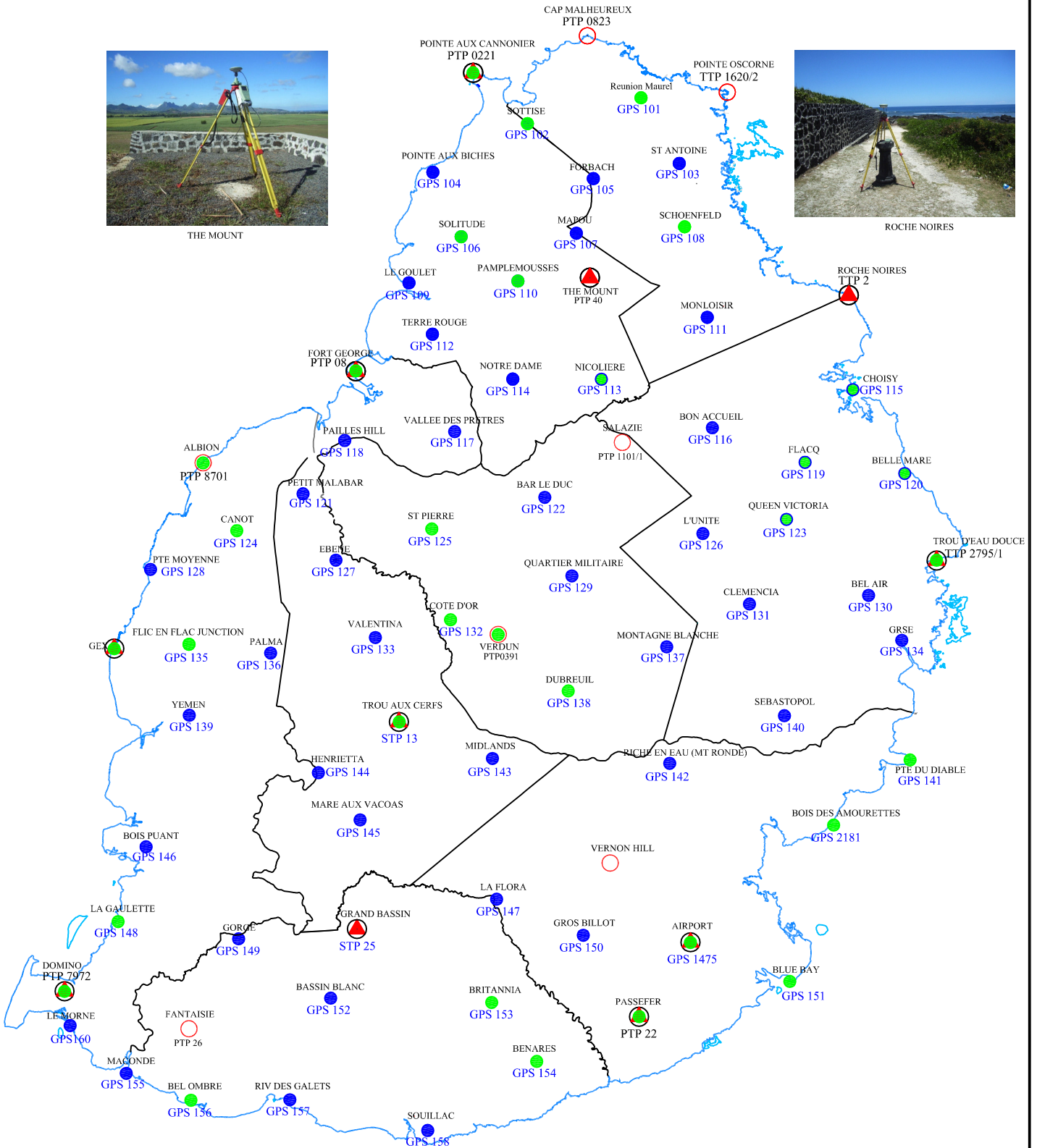
Control Network - Mauritius



THE MOUNT



ROCHE NOIRES



Background

The Ministry of Housing and Lands (MHL) identified the need to develop a new geodetic datum to support and maintain the Digital Cadastral Database (DCDB) in line with Government initiatives to modernize land administration in Mauritius.

In 2008, Landgate (Australia) undertook a rigorous assessment of all available geodetic survey data comprising the 1934 triangulation survey, and GPS surveys conducted in 1994 and 2001. This analysis revealed that these surveys, either in combination or singularly, were not of sufficient accuracy for the basis of a new geodetic datum. In addition, new GPS observations were required to accurately position the Island of Mauritius in a global sense. Landgate recommended a new GPS survey, with stringent survey practices, to deliver the required accuracy. This survey was conducted by MHL in July 2008 and Landgate processed the data with assistance from Geoscience Australia (GA) and determined the new datum through rigorous network adjustment.

The new Geodetic Datum for Mauritius is named Geocentric Datum of Mauritius 2008 (GDM2008) and derivative mapping coordinates based on Universal Transverse Mercator (UTM) is named Map Grid of Mauritius 2008 (MGM2008). The datum is based on the World Geodetic System 1984 (WGS84) reference ellipsoid. The reference coordinates in International Terrestrial Reference Frame (ITRF) 2005@2020 were derived for two datum points namely Grand Bassin and The Mount and the GPS surveys were adjusted on these two datum points by least square adjustments.

Based on the above adjusted primary control points, the Geodetic Project Team of the Cadastre Unit designed, observed and processed a secondary GPS network consisting of 61 control points spread over the whole island. This network included 17 primary control points which were held fixed during adjustment and the resulting average error ellipse of the adjusted points for both the semi major and semi minor axes are 6mm. The whole exercise was carried out between 2010 and 2012.

To cater for plane surveys, a plane coordinate system has been devised that minimizes the effect of projection scale factor. It is based on GDM2008 datum and Lambert Conformal Conic Two Parallel map projection and is referred to as the Local Grid Mauritius 2012 (LGM2012).

This manual consists of the following:

- (i) List of Coordinates in
 - a. Geocentric Datum of Mauritius 2008 (GDM2008) - Geographical coordinates
 - b. Map Grid of Mauritius 2008 (MGM2008) - UTM40S, GDM2008
 - c. Local Grid Mauritius 2012 (LGM2012) - LCC 2P, GDM2008
 - d. Le Pouce Grid (LCO 1P, Clarke 1880)
- (ii) Technical Specifications of the Coordinate Systems
- (iii) Transformation parameters
- (iv) Description of Control Points

As per the Cadastral Survey (Land Surveys) Regulations 2013, GDM2008, MGM2008 and LGM2012 are the Official Datum of Mauritius. Le Pouce Datum will be gradually phased out.





Geodetic Project Team
Cadastre Unit
Survey Division
Ministry of Housing and Lands
May 2013

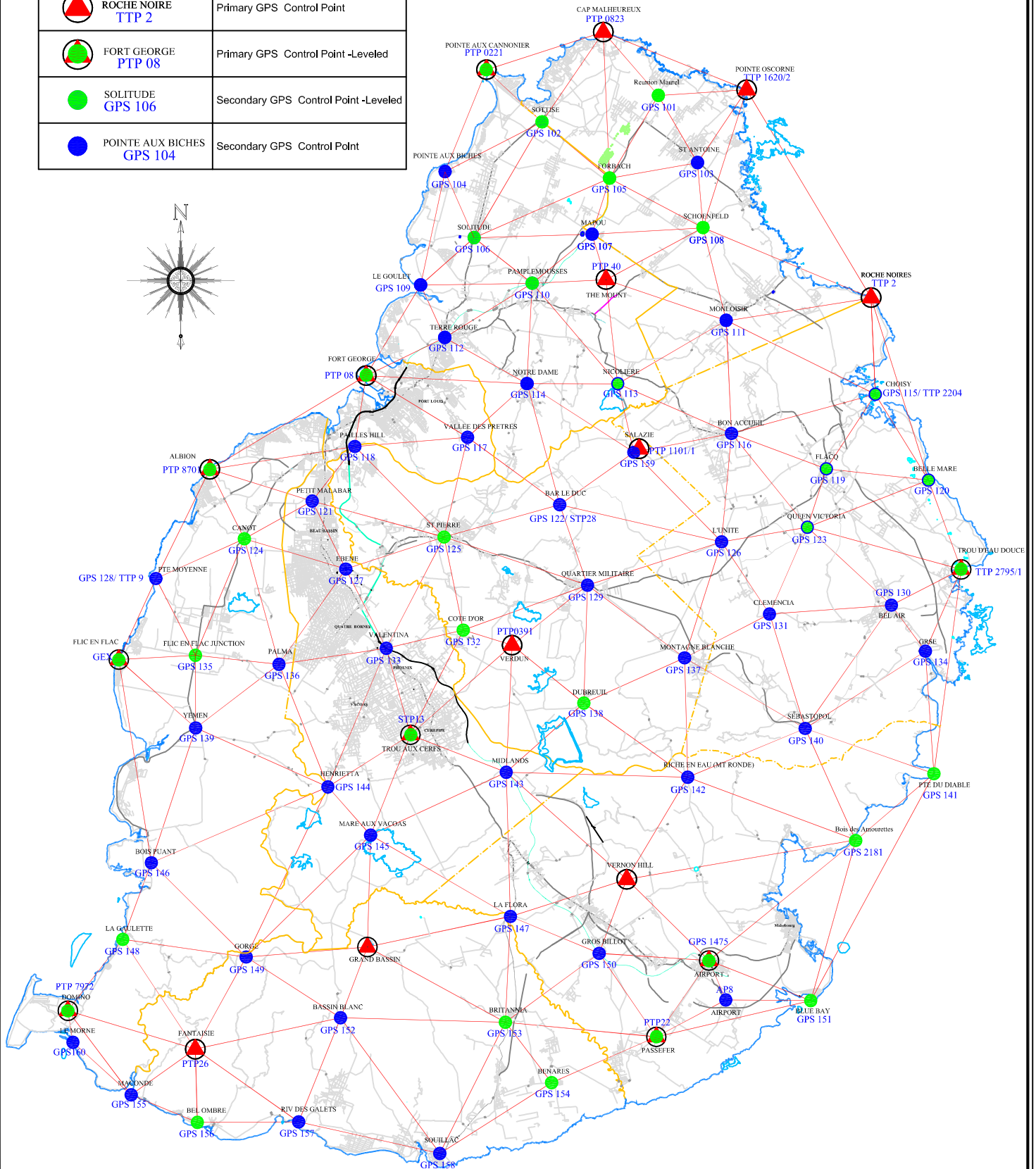
Geodetic Project Team

N.Luchoo	(P. Surveyor)
S. Seewoogalam	(S. Surveyor)
A.A. Andoo	(Surveyor)
G.S. Naidoo	(Surveyor)
S. Seeboruth	(Surveyor)
N. Roojee	(Surveyor)

GEODETIC NETWORK - MAURITIUS

Legend

	ROCHE NOIRE TTP 2	Primary GPS Control Point
	FORT GEORGE PTP 08	Primary GPS Control Point -Leveled
	SOLITUDE GPS 106	Secondary GPS Control Point -Leveled
	POINTE AUX BICHES GPS 104	Secondary GPS Control Point



TECHNICAL SPECIFICATIONS OF GEOCENTRIC DATUM OF MAURITIUS

1. Reference Frame

- (a) Reference Frame: ITRF 2005 Epoch at Day 1 year 2020
- (b) Associated Ellipsoid: WGS84 Ellipsoid

2. Associated Ellipsoid

The 4 fundamental defining WGS84 ellipsoid parameters are –

Parameter	Notation	Value
Semi-major axis	a	6378137.0 m
Reciprocal of Flattening	1/f	298.257223563
Angular Velocity of the Earth	ω	$7.2921150 \times 10^{-5} \text{ rad s}^{-1}$
Earth's Gravitational Constant (Mass of Earth's Atmosphere Included)	GM	$3.986004418 \times 10^{14} \text{ m}^3 \text{ s}^{-2}$

3. Geodetic and Map Grid Coordinates

- (a) Geodetic Coordinates shall be based on the Reference Frame and Associated Ellipsoid and referred to as the Geocentric Datum of Mauritius 2008 (GDM2008);
 - (b) Cartesian Map Grid Coordinates shall be derived from GDM2008 and based on the Universal Transverse Mercator (UTM) Projection for Zones 40S and 41S with Central Meridians (CM) at Longitudes 57° E and 63° E respectively and referred to as the Map Grid of Mauritius 2008 (MGM2008).
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4.

LOCAL GRID MAURITIUS 2012

The LGM 2012 shall be based on the following parameters –

- (a) Datum : GDM 2008
 - (b) Origin : Verdun PTP0391
 - (c) Projection : Lambert Conformal Conic Two Parallel
 - (d) Central latitude : 20° 16' 31.85868" S
 - (e) Central longitude : 57° 33' 52.40384" E
 - (f) False easting at Origin : 250,000.00 mE
 - (g) False northing at Origin : 350,000.00 mN
 - (h) Parallel 1 : 20° 03' 40.0" S
 - (i) Parallel 2 : 20° 26' 40.0" S
 - (j) Scale factor at parallels : 1.00000
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5.

LE POUCE GRID

(a) Grid	: Le Pouce Grid
(b) Origin	: Le Pouce PTP01
(c) Projection	: Lambert Conical Orthomorphic
(d) Spheroid	: Clarke 1880
(e) Unit of measurement	: Metre
(f) Longitude of Origin	: 57° 31' 18.58" E
(g) Latitude of Origin	: 20° 11' 42.25" S
(h) False easting at Origin	: 1,000,000mE
(i) False northing at Origin	: 1,000,000mN
(j) Scale Factor at Origin	: 1.00000

GEOGRAPHIC COORDINATES

DATUM: GDM2008

ELLIPSOID: WGS84

SN	ID	Station Name	Latitude	Longitude	Ellipsoidal Height	Elevation (amsl)
PRIMARY CONTROL (2008)						
1	PTP0221	POINTE AUX CANNONIERS	S 20°00'00.45320"	E 57°33'06.49865"	-2.908	0.650
2	PTP0391	VERDUN HILL	S 20°16'31.85868"	E 57°33'52.40384"	530.077	531.915**
3	PTP08	FORT GEORGE	S 20°08'47.25318"	E 57°29'27.25928"	8.523	11.541
4	PTP0823	CAP MALHEUREUX	S 19°58'54.99519"	E 57°36'39.58200"	0.343	3.314**
5	PTP22	PASSEFER	S 20°27'46.17186"	E 57°38'17.29072"	100.832	104.699
6	FANTAISIE/ PTP26	FANTAISIE	S 20°28'07.70517"	E 57°24'14.46303"	404.558	408.66*
7	PTP40	THE MOUNT	S 20°06'02.07745"	E 57°36'44.50668"	158.864	161.62*
8	PTP7972	EX-DOMINO - LE MORNE	S 20°27'01.21181"	E 57°20'21.69291"	97.092	101.481
9	PTP8701	ALBION	S 20°11'28.67397"	E 57°24'42.69510"	14.174	18.737
10	STP11	VERNON HILL	S 20°23'14.87514"	E 57°37'23.22416"	323.734	326.26*
11	STP13	TROU AUX CERFS	S 20°19'06.00208"	E 57°30'47.89085"	602.63	604.607
12	STP25	PITON GRAND BASSIN	S 20°25'11.58253"	E 57°29'29.34684"	699.243	701.600*
13	TTP2	ROCHE NOIRES	S 20°06'32.26543"	E 57°44'48.10745"	3.421	7.400*
14	TTP2795/1	TROU D'EAU DOUCE	S 20°14'20.41771"	E 57°47'33.13212"	3.550	7.402
15	1620/2	POINTE OSCORNE	S 20°00'33.81752"	E 57°41'01.02294"	1.975	4.62*
16	GEX	FLIC EN FLAC CEM	S 20°16'56.32072"	E 57°21'55.46026"	-0.055	4.056
17	GPS1475	AIRPORT ROUND ABOUT	S 20°25'13.28471"	E 57°39'58.47087"	62.728	66.095
18	PTP 01	LE POUCE	S 20°11'53.19277"	E57°31'43.71601"	808.922	811.800*
19	PTP 17	CUREPIPE	S 20°21'21.95465"	E 57°32'15.78515"	682.658	684.54*
SECONDARY CONTROL (2012)						
20	AP8	AIRPORT FUEL DEPOT	S 20°26'37.74348"	E57°41'06.34655"	28.372	32.387**
21	GPS101	REUNION MAUREL	S 20°00'54.34695"	E 57°38'08.80930"	15.118	17.673
22	GPS102	SOTTISE	S 20°01'28.64462"	E 57°34'41.72966"	15.327	18.231
23	GPS103	ST ANTOINE	S 20°02'39.01967"	E 57°39'16.91836"	34.038	36.577**
24	GPS104	POINTE AUX BICHES	S 20°02'48.93854"	E 57°31'29.36591"	-2.172	1.264**
25	GPS105	FORBACH	S 20°03'11.49937"	E 57°36'46.79642"	68.402	70.835
26	GPS106	SOLITUDE	S 20°04'47.42313"	E 57°32'23.95513"	26.911	29.806

Note: * - Trigonometrical Height

**** -EGM 2008 Geoid**

GEOGRAPHIC COORDINATES

DATUM: GDM2008

ELLIPSOID: WGS84

SN	ID	Station Name	Latitude	Longitude	Ellipsoidal Height	Elevation (amsl)
27	GPS107	MAPOU	S 20°04'47.64204"	E 57°36'11.93365"	90.435	92.873**
28	GPS108	SCHOENFELD	S 20°04'30.33866"	E 57°39'38.72557"	39.447	41.86
29	GPS109	LE GOULET	S 20°06'24.62943"	E 57°31'02.76463"	-2.009	0.941**
30	GPS110	PAMPLEMOUSSES	S 20°06'09.32813"	E 57°34'29.99200"	62.455	64.738
31	GPS111	MON LOISIR	S 20°06'52.76899"	E 57°40'41.24133"	66.543	69.111**
32	GPS112	TERRE ROUGE	S 20°07'33.39301"	E 57°31'56.07552"	41.986	44.647**
33	GPS113	NICOLIERE	S 20°08'57.87671"	E 57°37'07.82226"	243.503	245.597
34	GPS114	NOTRE DAME	S 20°08'27.38378"	E 57°33'19.59528"	112.972	115.381**
35	TTP2204/ GPS115	CHOISY - CEMETERY (POSTE DE FLACO)	S 20°09'19.66849"	E 57°44'56.41351"	-1.638	1.698
36	GPS116	BON ACCUEIL	S 20°10'25.89009"	E 57°40'36.91785"	125.185	128.035**
37	GPS117 (DESTROYED)	VALLEE DES PRETRES(D)	S 20°10'42.53188"	E 57°32'17.36493"	103.78	106.087**
38	STP18/ GPS118	PAILLES HILL	S 20°10'49.36956"	E 57°29'06.39844"	221.993	225.100*
39	GPS119	FLACQ	S 20°11'12.01282"	E 57°43'26.07692"	34.933	36.878
40	GPS120	BELLE MARE	S 20°11'39.50829"	E 57°46'28.39391"	1.168	4.179
41	GPS121	PETIT MALABAR	S 20°12'23.42113"	E 57°27'48.65974"	223.716	226.799**
42	GPS122 /STP28	BAR LE DUC	S 20°12'29.69871"	E 57°35'20.39599"	589.013	590.80*
43	GPS123	QUEEN VICTORIA	S 20°13'08.18883"	E 57°42'52.99656"	111.631	117.113**
44	GPS124	CANOT	S 20°13'29.18672"	E 57°25'43.06727"	123.913	127.248
45	GPS125	ST PIERRE	S 20°13'25.67385"	E 57°31'49.97429"	380.387	382.368
46	GPS126	L'UNITE	S 20°13'32.76654"	E 57°40'15.69496"	220.637	223.419**
47	GPS127	EBENE	S 20°14'56.28405"	E 57°29'34.64159"	319.681	321.939**
48	GPS128/TTP9	PTE MOYENNE	S 20°14'36.74617"	E 57°23'03.65973"	27.500	31.57*
49	GPS129	QUARTIER MILITAIRE	S 20°14'48.00093"	E 57°36'12.62768"	398.676	400.619**
50	GPS130	BEL AIR	S 20°15'21.65623"	E 57°45'25.60414"	60.614	65.026**
51	GPS131	CLEMENCIA	S 20°15'39.56186"	E 57°41'52.50325"	140.619	144.109**
52	GPS132	COTE D'OR	S 20°16'14.02015"	E 57°32'13.01072"	448.987	450.812
53	GPS133	VALENTINA	S 20°16'38.00076"	E 57°30'04.86165"	388.826	390.900**
54	GPS134	GRSE	S 20°16'41.15161"	E 57°46'29.17216"	33.894	38.179**

Note: * - Trigonometrical Height

**** -EGM 2008 Geoid**

GEOGRAPHIC COORDINATES

DATUM: GDM2008

ELLIPSOID: WGS84

SN	ID	Station Name	Latitude	Longitude	Ellipsoidal Height	Elevation (amsl)
55	GPS135	FLIC EN FLAC JUNCTION	S 20°16'51.98906"	E 57°24'14.78439"	124.605	127.922
56	GPS136	PALMA	S 20°17'04.83031"	E 57°26'47.71220"	277.56	280.262**
57	GPS137	MONTAGNE BLANCHE	S 20°16'41.55215"	E 57°38'46.63791"	310.923	313.252**
58	GPS138	DUBREUIL	S 20°18'21.17981"	E 57°35'50.10723"	384.717	386.572
59	GPS139	YEMEN	S 20°18'39.21143"	E 57°24'11.34500"	49.678	52.976**
60	GPS140	SEBASTOPOL	S 20°18'45.34519"	E 57°41'52.73581"	148.688	151.803**
61	GPS141	POINTE DU DIABLE	S 20°20'13.83030"	E 57°46'45.36197"	-0.296	3.590
62	GPS142	RICHE EN EAU (MONTAGNE RONDE)	S 20°20'15.00200"	E 57°39'14.23893"	216.129	218.603**
63	GPS143	MIDLANDS	S 20°20'09.66453"	E 57°33'43.75750"	475.057	476.935**
64	GPS144	HENRIETTA	S 20°20'35.52671"	E 57°28'15.99607"	488.776	491.159**
65	GPS145	MARE AUX VACOAS	S 20°22'05.33534"	E 57°29'31.78595"	569.523	571.822**
66	GPS146	BOIS PUANT	S 20°22'43.48125"	E 57°22'53.81382"	59.21	63.432**
67	GPS147	LA FLORA	S 20°23'56.66259"	E 57°33'58.06882"	366.964	369.407**
68	GPS148	LA GAULETTE	S 20°24'58.50584"	E 57°22'02.93268"	2.540	8.319
69	GPS149	GORGE	S 20°25'29.15763"	E 57°25'54.05020"	680.693	684.221**
70	GPS150	GROS BILLOT	S 20°25'17.25051"	E 57°36'27.77856"	221.726	224.739**
71	GPS151	BLUE BAY	S 20°26'28.99151"	E 57°42'37.47569"	6.769	10.699
72	GPS152	BASSIN BLANC	S 20°27'12.03206"	E 57°28'39.29725"	488.806	492.186**
73	GPS153	BRITANNIA	S 20°27'20.42767"	E 57°33'41.08179"	223.816	227.107
74	GPS154	BENARES	S 20°29'05.61754"	E 57°35'06.12009"	110.593	114.504
75	GPS155	MACONDE	S 20°29'26.67815"	E 57°22'16.61710"	8.418	12.868**
76	GPS156	BEL OMBRE	S 20°30'16.41507"	E 57°24'43.09504"	4.657	8.917
77	GPS157	RIVIERE DES GALLETES	S 20°30'12.49492"	E 57°27'22.92751"	-0.938	3.224**
78	GPS158	SOUILLAC	S 20°31'07.56354"	E 57°31'41.76382"	27.209	31.624**
79	GPS159	SALAZIE	S 20°10'52.71944"	E 57°37'44.34048"	355.087	357.501**
80	GPS160	LE MORNE VILLAGE	S 20°27'55.64838"	E 57°20'30.64603"	-2.787	1.675**
81	GPS2181	BOIS DES AMOURETTES	S 20°22'06.57704"	E 57°44'20.95206"	-2.002	1.491

Note: * - Trigonometrical Height

**** -EGM 2008 Geoid**

MAP GRID OF MAURITIUS 2008 (MGM2008) COORDINATES

DATUM : GDM 2008

ELLIPSOID : WGS 84

PROJECTION : UTM 40 S, CENTRAL MERIDIAN : 57° E

SN	ID	Station Name	Easting	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
PRIMARY CONTROL (2008)								
1	PTP0221	POINTE AUX CANNONIERS	557722.349	7788409.692	0.650	0.99964118	1.000000456	0.999641636
2	PTP0391	VERDUN HILL	558952.875	7757928.931	531.915**	0.999642953	0.999916932	0.999559914
3	PTP08	FORT GEORGE	551304.088	7772235.681	11.541	0.999632531	0.999998664	0.999631195
4	PTP0823	CAP MALHEUREUX	563921.491	7790400.395	3.314**	0.999650501	0.999999946	0.999650447
5	PTP22	PASSEFER	566556.176	7737171.495	104.699	0.999654746	0.999984198	0.999638949
6	FANTAISIE/ PTP26	FANTAISIE	542136.084	7736587.176	408.66*	0.999621942	0.999936601	0.999558567
7	PTP40	THE MOUNT	564016.522	7777271.199	161.62*	0.99965065	0.999975103	0.999625762
8	PTP7972	EX-DOMINO - LE MORNE	535396.854	7738646.540	101.481	0.999615484	0.999984784	0.999600274
9	PTP8701	ALBION	543030.683	7767296.007	18.737	0.999622884	0.999997779	0.999620664
10	STP11	VERNON HILL	565021.389	7745517.661	326.26*	0.99965225	0.999949266	0.999601534
11	STP13	TROU AUX CERFS	553585.962	7753207.875	604.607	0.999635488	0.999905563	0.999541086
12	STP25	PITON GRAND BASSIN	551274.709	7741976.486	701.600*	0.999632492	0.999890426	0.999522958
13	TTP2	ROCHE NOIRES	578056.171	7776285.938	7.400*	0.999675303	0.999999464	0.999674767
14	TTP2795/1	TROU D'EAU DOUCE	582779.660	7761871.984	7.402	0.999684691	0.999999444	0.999684135
15	1620/2	POINTE OSCORNE	571507.027	7787333.206	4.62*	0.999663198	0.999999691	0.999662888
16	GEX	FLIC EN FLAC CEM	538154.931	7757235.446	4.056	0.999617992	1.000000009	0.999618001
17	GPS1475	AIRPORT ROUND ABOUT	569506.713	7741859.888	66.095	0.999659708	0.999990169	0.99964988
18	PTP 01	LE POUCE	555247.360	7766507.664	811.800*	0.999637723	0.999872788	0.999510557
19	PTP 17	CUREPIPE	556121.184	7749020.425	684.54*	0.999638925	0.999892729	0.999531693
SECONDARY CONTROL (2012)								
20	AP8	AIRPORT FUEL DEPOT	571462.95	7739255.36	32.387**	0.999663116	0.999995554	0.999658671
21	GPS101	REUNION MAUREL	566500.66	7786721.84	17.673	0.999654658	0.999997631	0.999652289
22	GPS102	SOTTISE	560480.22	7785689.34	18.231	0.999645209	0.999997598	0.999642808
23	GPS103	ST ANTOINE	568467.02	7783496.52	36.577**	0.999657938	0.999994666	0.999652605
24	GPS104	POINTE AUX BICHES	554883.62	7783239.53	1.264**	0.999637229	1.00000034	0.999637569
25	GPS105	FORBACH	564102.28	7782514.61	70.835	0.999650786	0.99998928	0.99964007
26	GPS106	SOLITUDE	556457.63	7779592.24	29.806	0.999639395	0.999995782	0.999635179
27	GPS107	MAPOU	563078.89	7779562.83	92.873**	0.999649177	0.999985827	0.999635009

Note: * - Trigonometrical Height

** - EGM 2008 Geoid

MAP GRID OF MAURITIUS 2008 (MGM2008) COORDINATES

DATUM : GDM 2008

ELLIPSOID : WGS 84

PROJECTION : UTM 40 S, CENTRAL MERIDIAN : 57° E

SN	ID	Station Name	Eastings	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
28	GPS108	SCHOENFELD	569086.99	7780072.00	41.860	0.999658992	0.999993818	0.999652811
29	GPS109	LE GOULET	554090.32	7776611.57	0.941**	0.99963616	1.000000315	0.999636475
30	GPS110	PAMPLEMOUSSES	560109.49	7777062.22	64.738	0.999644656	0.999990212	0.999634871
31	GPS111	MON LOISIR	570884.94	7775686.29	69.111**	0.999662102	0.999989571	0.999651677
32	GPS112	TERRE ROUGE	555631.62	7774492.89	44.647**	0.99963825	0.99999342	0.999631673
33	GPS113	NICOLIERE	564673.52	7771864.51	245.597	0.999651695	0.999961839	0.999613547
34	GPS114	NOTRE DAME	558051.07	7772825.26	115.381**	0.99964165	0.999982295	0.999623951
35	TTP2204/ GPS115	CHOISY - CEMETERY (POSTE DE FLACQ)	578274.21	7771138.66	1.698	0.999675724	1.000000257	0.99967598
36	GPS116	BON ACCUEIL	570732.74	7769135.23	128.035**	0.999661835	0.999980381	0.999642222
37	GPS117 (DESTROYE)	VALLEE DES PRETRES(D)	556230.94	7768676.68	106.087**	0.999639079	0.999983736	0.99962282
38	STP18/ GPS118	PAILLES HILL	550687.52	7768483.56	225.100*	0.999631753	0.99996521	0.999596976
39	GPS119	FLACQ	575636.68	7767696.65	36.878	0.999670706	0.999994525	0.999665233
40	GPS120	BELLE MARE	580924.39	7766827.52	4.179	0.999680938	0.999999817	0.999680755
41	GPS121	PETIT MALABAR	548423.12	7765598.83	226.799**	0.999628979	0.99996494	0.999593932
42	GPS122 /STP28	BAR LE DUC	561531.76	7765364.26	590.80*	0.999646794	0.999907697	0.999554523
43	GPS123	QUEEN VICTORIA	574661.15	7764129.40	117.113**	0.999668894	0.999982505	0.999651405
44	GPS124	CANOT	544773.25	7763586.98	127.248	0.999624775	0.99998058	0.999605363
45	GPS125	ST PIERRE	555419.89	7763664.16	382.368	0.999637959	0.999940388	0.999578369
46	GPS126	L'UNITE	570093.48	7763392.93	223.419**	0.999660722	0.999965422	0.999626156
47	GPS127	EBENE	551484.70	7760890.87	321.939**	0.99963276	0.999949901	0.999582679
48	GPS128/TTP9	PTE MOYENNE	540143.05	7761521.53	31.57*	0.999619916	0.99999569	0.999615608
49	GPS129	QUARTIER MILITAIRE	563032.03	7761107.27	400.619**	0.999649103	0.999937522	0.999586647
50	GPS130	BEL AIR	579070.83	7760006.71	65.026**	0.999677272	0.999990501	0.999667775
51	GPS131	CLEMENCIA	572886.13	7759483.45	144.109**	0.999665656	0.999977962	0.999643626
52	GPS132	COTE D'OR	556071.55	7758486.91	450.812	0.999638857	0.999929639	0.999568521
53	GPS133	VALENTINA	552351.97	7757761.40	390.900**	0.999633872	0.999939066	0.999572961
54	GPS134	GRSE	580903.60	7757554.33	38.179**	0.999680895	0.999994688	0.999675585
55	GPS135	FLIC EN FLAC JUNCTION	542196.40	7757359.20	127.922	0.999622005	0.999980472	0.999602485
56	GPS136	PALMA	546631.11	7756953.03	280.262**	0.999626874	0.999956502	0.999583392

Note: * - Trigonometrical Height

** -EGM 2008 Geoid

MAP GRID OF MAURITIUS 2008 (MGM2008) COORDINATES

DATUM : GDM 2008

ELLIPSOID : WGS 84

PROJECTION : UTM 40 S, CENTRAL MERIDIAN : 57° E

SN	ID	Station Name	Easting	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
57	GPS137	MONTAGNE BLANCHE	567486.66	7757599.69	313.252**	0.999656289	0.999951274	0.999607579
58	GPS138	DUBREUIL	562354.98	7754556.27	386.572	0.999648053	0.99993971	0.999587784
59	GPS139	YEMEN	542088.60	7754063.37	52.976**	0.999621893	0.999992215	0.99961411
60	GPS140	SEBASTOPOL	572868.75	7753772.13	151.803**	0.999665625	0.999976698	0.99964233
61	GPS141	POINTE DU DIABLE	581342.37	7751013.93	3.590	0.999681775	1.000000046	0.999681821
62	GPS142	RICHE EN EAU (MONTAGNE RONDE)	568261.29	7751034.77	218.603**	0.999657588	0.999966129	0.999623728
63	GPS143	MIDLANDS	558679.27	7751234.20	476.935**	0.999642555	0.999925554	0.999568135
64	GPS144	HENRIETTA	549173.31	7750468.95	491.159**	0.999629884	0.999923404	0.999553316
65	GPS145	MARE AUX VACOAS	551362.53	7747701.72	571.822**	0.999632604	0.999910751	0.999543388
66	GPS146	BOIS PUANT	539822.80	7746559.71	63.432**	0.999619599	0.999990721	0.999610323
67	GPS147	LA FLORA	559070.24	7744254.56	369.407**	0.999643123	0.999942492	0.999585636
68	GPS148	LA GAULETTE	538338.61	7742412.31	8.319	0.999618165	0.999999602	0.999617767
69	GPS149	GORGE	545034.01	7741453.75	684.221**	0.999625064	0.999893332	0.999518436
70	GPS150	GROS BILLOT	563400.30	7741761.66	224.739**	0.999649677	0.999965252	0.999614941
71	GPS151	BLUE BAY	574104.71	7739513.18	10.699	0.999667868	0.999998939	0.999666808
72	GPS152	BASSIN BLANC	549813.50	7738278.00	492.186**	0.999630666	0.999923399	0.999554094
73	GPS153	BRITANNIA	558556.47	7737992.20	227.107	0.999642376	0.999964924	0.999607313
74	GPS154	BENARES	561008.78	7734749.86	114.504	0.999646	0.999982668	0.999628674
75	GPS155	MACONDE	538716.52	7734167.54	12.868**	0.999618525	0.999998681	0.999617206
76	GPS156	BEL OMBRE	542955.61	7732628.41	8.917	0.999622804	0.99999927	0.999622074
77	GPS157	RIVIERE DES GALLETS	547585.33	7732736.64	3.224**	0.999627984	1.000000147	0.999628131
78	GPS158	SOUILLAC	555076.88	7731021.17	31.624**	0.999637489	0.999995736	0.999633226
79	GPS159	SALAZIE	565720.31	7768330.16	357.501**	0.999653381	0.999944353	0.999597753
80	GPS160	LE MORNE VILLAGE	535652.77	7736972.57	1.675**	0.999615709	1.000000437	0.999616146
81	GPS2181	BOIS DES AMOURETTES	577139.42	7747567.14	1.491	0.999673542	1.000000314	0.999673855

Note: * - Trigonometrical Height

** -EGM 2008 Geoid

LOCAL GRID MAURITIUS 2012 (LGM2012) COORDINATES

DATUM : GDM 2008

ELLIPSOID : WGS 84

PROJECTION : LAMBERT CONFORMAL CONIC TWO PARALLEL

SN	ID	Station Name	Eastings	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
PRIMARY CONTROL (2008)								
1	PTP0221	POINTE AUX CANNONIERS	248665.60	380487.24	0.650	1.000004101	1.000000456	1.000004556
2	PTP0391	VERDUN HILL	250000.00	350000.00	531.915**	0.999994516	0.999916932	0.999911448
3	PTP08	FORT GEORGE	242299.79	364285.73	11.541	0.99999615	0.999998664	0.999994814
4	PTP0823	CAP MALHEUREUX	254860.22	382499.53	3.314**	1.000005541	0.999999946	1.000005487
5	PTP22	PASSEFER	257677.15	329261.55	104.699	1.000001119	0.999984198	0.999985316
6	FANTAISIE/ PTP26	FANTAISIE	233250.32	328592.93	408.66*	1.000001505	0.999936601	0.999938106
7	PTP40	THE MOUNT	254999.60	369366.13	161.62*	0.999997946	0.999975103	0.999973049
8	PTP7972	EX-DOMINO - LE MORNE	226501.48	330629.92	101.481	1.000000347	0.999984784	0.999985131
9	PTP8701	ALBION	234040.19	359316.13	18.737	0.999995011	0.999997779	0.999992789
10	STP11	VERNON HILL	256113.11	337605.27	326.26*	0.999997184	0.999949266	0.99994645
11	STP13	TROU AUX CERFS	244647.35	345258.94	604.607	0.999995088	0.999905563	0.999900652
12	STP25	PITON GRAND BASSIN	242373.78	334015.62	701.600*	0.999998665	0.999890426	0.999889091
13	TTP2	ROCHE NOIRES	269047.21	368428.04	7.400*	0.99999757	0.999999464	0.999997034
14	TTP2795/1	TROU D'EAU DOUCE	273821.10	354025.66	7.402	0.999994467	0.999999444	0.99999391
15	1620/2	POINTE OSCORNE	262458.67	379456.82	4.62*	1.000003405	0.999999691	1.000003095
16	GEX	FLIC EN FLAC CEM	229196.95	349235.23	4.056	0.99999457	1.000000009	0.999994578
17	GPS1475	AIRPORT ROUND ABOUT	260612.52	333961.70	66.095	0.999998689	0.999990169	0.999988859
18	PTP 01	LE POUCE	246263.69	358568.99	811.800*	0.999994891	0.999872788	0.99986768
19	PTP 17	CUREPIPE	247197.83	341078.66	684.54*	0.999996053	0.999892729	0.999888783
SECONDARY CONTROL (2012)								
20	AP8	AIRPORT FUEL DEPOT	262578.39	331363.04	32.387**	0.999999964	0.999995554	0.999995517
21	GPS101	REUNION MAUREL	257452.67	378828.39	17.673	1.00000299	0.999997631	1.00000062
22	GPS102	SOTTISE	251433.61	377775.23	18.231	1.000002318	0.999997598	0.999999916
23	GPS103	ST ANTOINE	259430.57	375608.60	36.577**	1.000001026	0.999994666	0.999995692
24	GPS104	POINTE AUX BICHES	245843.31	375305.65	1.264**	1.000000853	1.00000034	1.000001194

Note: * - Trigonometrical Height

** - EGM 2008 Geoid

LOCAL GRID MAURITIUS 2012 (LGM2012) COORDINATES

DATUM : GDM 2008

ELLIPSOID : WGS 84

PROJECTION : LAMBERT CONFORMAL CONIC TWO PARALLEL

SN	ID	Station Name	Easting	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
25	GPS105	FORBACH	255067.65	374611.63	70.835	1.000000469	0.99998928	0.999989749
26	GPS106	SOLITUDE	247430.22	371662.39	29.806	0.999998967	0.999995782	0.999994749
27	GPS107	MAPOU	254053.89	371655.37	92.873**	0.999998963	0.999985827	0.99998479
28	GPS108	SCHOENFELD	260062.31	372185.02	41.860	0.999999218	0.999993818	0.999993036
29	GPS109	LE GOULET	245072.17	368672.64	0.941**	0.999997663	1.000000315	0.999997978
30	GPS110	PAMPLEMOUSSES	251091.93	369143.84	64.738	0.999997854	0.999990212	0.999988066
31	GPS111	MON LOISIR	261875.69	367803.93	69.111**	0.999997327	0.999989571	0.999986898
32	GPS112	TERRE ROUGE	246621.20	366558.43	44.647**	0.999996874	0.99999342	0.999990294
33	GPS113	NICOLIERE	255675.15	363959.82	245.597	0.999996057	0.999961839	0.999957896
34	GPS114	NOTRE DAME	249047.16	364898.43	115.381**	0.999996333	0.999982295	0.999978628
35	TTP2204/ GPS115	CHOISY - CEMETERY (POSTE DE FLACQ	269282.75	363279.88	1.698	0.999995873	1.000000257	0.999996129
36	GPS116	BON ACCUEIL	261745.65	361250.21	128.035**	0.999995382	0.999980381	0.999975763
37	GPS117 (DESTROYE	VALLEE DES PRETRES(D)	247240.49	360742.21	106.087**	0.999995274	0.999983736	0.99997901
38	STP18/ GPS118	PAILLES HILL	241695.77	360530.17	225.100*	0.999995232	0.99996521	0.999960442
39	GPS119	FLACQ	266656.06	359827.83	36.878	0.9999951	0.999994525	0.999989625
40	GPS120	BELLE MARE	271948.39	358976.39	4.179	0.999994956	0.999999817	0.999994773
41	GPS121	PETIT MALABAR	239440.37	357636.69	226.799**	0.999994763	0.99996494	0.999959702
42	GPS122 /STP28	BAR LE DUC	252554.42	357446.68	590.80*	0.999994739	0.999907697	0.999902436
43	GPS123	QUEEN VICTORIA	265692.37	356256.11	117.113**	0.999994612	0.999982505	0.999977117
44	GPS124	CANOT	235796.03	355611.68	127.248	0.999994557	0.99998058	0.999975137
45	GPS125	ST PIERRE	246446.22	355725.17	382.368	0.999994565	0.999940388	0.999934954
46	GPS126	L'UNITE	261125.72	355503.84	223.419**	0.999994549	0.999965422	0.999959971
47	GPS127	EBENE	242519.10	352937.49	321.939**	0.99999444	0.999949901	0.999944342
48	GPS128/TTP9	PTE MOYENNE	231171.18	353529.68	31.57*	0.999994451	0.99999569	0.999990141
49	GPS129	QUARTIER MILITAIRE	254069.71	353193.35	400.619**	0.999994444	0.999937522	0.999931966
50	GPS130	BEL AIR	270117.49	352147.16	65.026**	0.999994439	0.999990501	0.99998494
51	GPS131	CLEMENCIA	263932.61	351602.62	144.109**	0.999994448	0.999977962	0.99997241

Note: * - Trigonometrical Height

** -EGM 2008 Geoid

LOCAL GRID MAURITIUS 2012 (LGM2012) COORDINATES

DATUM : GDM 2008

ELLIPSOID : WGS 84

PROJECTION : LAMBERT CONFORMAL CONIC TWO PARALLEL

SN	ID	Station Name	Easting	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
52	GPS132	COTE D'OR	247115.76	350548.33	450.812	0.999994485	0.999929639	0.999924124
53	GPS133	VALENTINA	243397.35	349809.86	390.900**	0.999994528	0.999939066	0.999933594
54	GPS134	GRSE	271959.21	349700.28	38.179**	0.999994535	0.999994688	0.999989223
55	GPS135	FLIC EN FLAC JUNCTION	233239.49	349372.83	127.922	0.999994559	0.999980472	0.999975031
56	GPS136	PALMA	237677.21	348981.67	280.262**	0.999994591	0.999956502	0.999951094
57	GPS137	MONTAGNE BLANCHE	258537.81	349699.80	313.252**	0.999994535	0.999951274	0.999945809
58	GPS138	DUBREUIL	253414.80	346637.82	386.572	0.999994864	0.99993971	0.999934574
59	GPS139	YEMEN	233142.91	346075.42	52.976**	0.999994949	0.999992215	0.999987163
60	GPS140	SEBASTOPOL	263934.75	345889.40	151.803**	0.999994979	0.999976698	0.999971677
61	GPS141	POINTE DU DIABLE	272420.50	343159.36	3.590	0.999995515	1.000000046	0.999995562
62	GPS142	RICHE EN EAU (MONTAGNE RONDE)	259335.16	343135.35	218.603**	0.999995524	0.999966129	0.999961653
63	GPS143	MIDLANDS	249749.20	343302.01	476.935**	0.999995486	0.999925554	0.99992104
64	GPS144	HENRIETTA	240242.50	342503.94	491.159**	0.999995675	0.999923404	0.999919079
65	GPS145	MARE AUX VACOAS	242441.99	339743.22	571.822**	0.999996452	0.999910751	0.999907204
66	GPS146	BOIS PUANT	230901.96	338561.24	63.432**	0.999996839	0.999990721	0.99998756
67	GPS147	LA FLORA	250164.25	336321.28	369.407**	0.999997678	0.999942492	0.99994017
68	GPS148	LA GAULETTE	229431.43	334407.20	8.319	0.999998484	0.999999602	0.999998085
69	GPS149	GORGE	236132.61	333471.26	684.221**	0.999998916	0.999893332	0.999892248
70	GPS150	GROS BILLOT	254504.38	333842.41	224.739**	0.999998745	0.999965252	0.999963997
71	GPS151	BLUE BAY	265220.12	331630.07	10.699	0.999999824	0.999998939	0.999998763
72	GPS152	BASSIN BLANC	240924.75	330310.77	492.186**	1.000000529	0.999923399	0.999923928
73	GPS153	BRITANNIA	249671.84	330054.96	227.107	1.000000671	0.999964924	0.999965596
74	GPS154	BENARES	252136.20	326819.94	114.504	1.000002597	0.999982668	0.999985265
75	GPS155	MACONDE	229837.79	326160.63	12.868**	1.000003013	0.999998681	1.000001694
76	GPS156	BEL OMBRE	234083.77	324635.50	8.917	1.000004039	0.99999927	1.000003309
77	GPS157	RIVIERE DES GALLETTS	238714.84	324759.71	3.224**	1.000003956	1.000000147	1.000004103
78	GPS158	SOUILLAC	246215.05	323069.45	31.624**	1.000005153	0.999995736	1.000000889

Note: * - Trigonometrical Height

** - EGM 2008 Geoid

LOCAL GRID MAURITIUS 2012 (LGM2012) COORDINATES**DATUM : GDM 2008****ELLIPSOID : WGS 84****PROJECTION : LAMBERT CONFORMAL CONIC TWO PARALLEL**

SN	ID	Station Name	Eastings	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
79	GPS159	SALAZIE	256734.30	360427.84	357.501**	0.999995212	0.999944353	0.999939565
80	GPS160	LE MORNE VILLAGE	226763.24	328956.20	1.675**	1.000001287	1.000000437	1.000001724
81	GPS2181	BOIS DES AMOURETTES	268228.08	339697.07	1.491	0.999996464	1.000000314	0.999996778

Note: * - Trigonometrical Height**** -EGM 2008 Geoid**

LE POUCE GRID COORDINATES

DATUM : LE POUCE

ELLIPSOID : CLARKE1880

PROJECTION: LAMBERT CONICAL ORTHOMORPHIC

SN	ID	Station Name	Eastings	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
PRIMARY CONTROL (2008)								
1	PTP0221	POINTE AUX CANNONIERS	1002408.30	1021917.25	0.650	1.000005932	0.999999983	1.000005915
2	PTP0391	VERDUN HILL	1003733.68	991429.96	531.915**	1.000000907	0.999916445	0.999917353
3	PTP08	FORT GEORGE	996037.61	1005717.83	11.541	1.000000404	0.999998195	0.999998599
4	PTP0823	CAP MALHEUREUX	1008603.44	1023927.70	3.314**	1.000007072	0.999999477	1.000006548
5	PTP22	PASSEFER	1011404.75	970689.51	104.699	1.000010617	0.999983731	0.999994348
6	FANTAISIE/ PTP26	FANTAISIE	986978.10	970028.32	408.66*	1.000011101	0.999936139	0.999947239
7	PTP40	THE MOUNT	1008738.87	1010794.39	161.62*	1.00000144	0.999974631	0.999976071
8	PTP7972	EX-DOMINO - LE MORNE	980229.90	972067.30	101.481	1.000009637	0.999984308	0.999993945
9	PTP8701	ALBION	987776.82	1000750.81	18.737	1.000000007	0.999997327	0.999997334
10	STP11	VERNON HILL	1009843.11	979033.72	326.26*	1.000005432	0.999948811	0.999954242
11	STP13	TROU AUX CERFS	998379.79	986690.38	604.607	1.000002189	0.999905078	0.999907267
12	STP25	PITON GRAND BASSIN	996102.99	975448.20	701.600*	1.00000745	0.999889959	0.999897408
13	TTP2	ROCHE NOIRES	1022786.15	1009851.85	7.400*	1.000001203	0.999998945	1.000000148
14	TTP2795/1	TROU D'EAU DOUCE	1027555.32	995448.68	7.402	1.000000254	0.999998991	0.999999244
15	1620/2	POINTE OSCORNE	1016200.91	1020882.94	4.62*	1.00000539	0.999999239	1.000004628
16	GEX	FLIC EN FLAC CEM	982930.74	990671.57	4.056	1.000001073	0.999999544	1.000000618
17	GPS1475	AIRPORT ROUND ABOUT	1014341.40	975388.77	66.095	1.000007483	0.999989708	0.999997191
18	PTP 01	LE POUCE	1000000.00	1000000.00	811.800*	1.000000000	0.999872792	0.999872792
19	PTP 17	CUREPIPE	1000928.98	982509.65	684.54*	1.000003781	0.999892732	0.999896512
SECONDARY CONTROL (2012)								
20	AP8	AIRPORT FUEL DEPOT	1016306.49	972789.56	32.387**	1.000009147	0.99999509	1.000004237
21	GPS101	REUNION MAUREL	1011194.77	1020255.86	17.673	1.000005069	0.999997164	1.000002233
22	GPS102	SOTTISE	1005175.47	1019204.45	18.231	1.000004555	0.999997126	1.000001681
23	GPS103	ST ANTOINE	1013171.70	1017035.48	36.577**	1.000003586	0.999994194	0.999997781
24	GPS104	POINTE AUX BICHES	999584.51	1016736.55	1.264**	1.00000346	0.999999867	1.000003326
25	GPS105	FORBACH	1008808.51	1016039.80	70.835	1.000003179	0.999988808	0.999991986

Note: * - Trigonometrical Height

**** -EGM 2008 Geoid**

LE POUCE GRID COORDINATES

DATUM : LE POUCE

ELLIPSOID : CLARKE1880

PROJECTION: LAMBERT CONICAL ORTHOMORPHIC

SN	ID	Station Name	Eastings	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
26	GPS106	SOLITUDE	1001170.30	1013092.87	29.806	1.000002117	0.999995308	0.999997426
27	GPS107	MAPOU	1007793.87	1013083.86	92.873**	1.000002115	0.999985354	0.999987469
28	GPS108	SCHOENFELD	1013802.39	1013611.68	41.860	1.00000229	0.999993338	0.999995628
29	GPS109	LE GOULET	998811.36	1010103.86	0.941**	1.000001261	0.999999842	1.000001103
30	GPS110	PAMPLEMOUSSES	1004831.19	1010573.26	64.738	1.000001381	0.999989738	0.999991119
31	GPS111	MON LOISIR	1015614.43	1009230.08	69.111**	1.000001054	0.99998909	0.999990144
32	GPS112	TERRE ROUGE	1000359.73	1007989.20	44.647**	1.000000788	0.999992948	0.999993737
33	GPS113	NICOLIERE	1009412.81	1005387.91	245.597	1.000000359	0.999961365	0.999961724
34	GPS114	NOTRE DAME	1002785.16	1006328.50	115.381**	1.000000495	0.999981823	0.999982318
35	TTP2204/ GPS115	CHOISY - CEMETERY (POSTE	1023020.07	1004703.83	1.698	1.000000275	0.99999976	1.000000036
36	GPS116	BON ACCUEIL	1015482.43	1002676.51	128.035**	1.000000089	0.999979904	0.999979993
37	GPS117 (DESTROYE	VALLEE DES PRETRES(D)	1000977.29	1002172.87	106.087**	1.000000058	0.999983267	0.999983325
38	STP18/ GPS118	PAILLES HILL	995432.51	1001962.43	225.100*	1.000000048	0.999964745	0.999964792
39	GPS119	FLACQ	1020392.36	1001252.66	36.878	1.00000002	0.999994039	0.999994059
40	GPS120	BELLE MARE	1025684.31	1000399.72	4.179	1.000000002	0.999999338	0.99999934
41	GPS121	PETIT MALABAR	993176.38	999069.74	226.799**	1.000000011	0.999964477	0.999964488
42	GPS122 /STP28	BAR LE DUC	1006290.20	998875.73	590.80*	1.000000016	0.999907225	0.999907241
43	GPS123	QUEEN VICTORIA	1019427.55	997681.37	117.113**	1.000000066	0.99998203	0.999982095
44	GPS124	CANOT	989531.58	997045.91	127.248	1.000000108	0.999980118	0.999980226
45	GPS125	ST PIERRE	1000181.57	997156.13	382.368	1.0000001	0.999939921	0.99994002
46	GPS126	L'UNITE	1014860.77	996930.46	223.419**	1.000000116	0.999964947	0.999965063
47	GPS127	EBENE	996253.74	994369.68	321.939**	1.000000392	0.999949431	0.999949822
48	GPS128/TTP9	PTE MOYENNE	984906.18	994965.50	31.57*	1.000000312	0.999995242	0.999995554
49	GPS129	QUARTIER MILITAIRE	1007804.21	994622.08	400.619**	1.000000357	0.999937045	0.999937402
50	GPS130	BEL AIR	1023851.33	993571.23	65.026**	1.000000508	0.999990036	0.999990544
51	GPS131	CLEMENCIA	1017666.42	993028.49	144.109**	1.000000599	0.99997749	0.999978089
52	GPS132	COTE D'OR	1000849.65	991979.13	450.812	1.000000795	0.999929162	0.999929957

Note: * - Trigonometrical Height

**** -EGM 2008 Geoid**

LE POUCE GRID COORDINATES

DATUM : LE POUCE

ELLIPSOID : CLARKE1880

PROJECTION: LAMBERT CONICAL ORTHOMORPHIC

SN	ID	Station Name	Eastings	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
53	GPS133	VALENTINA	997131.08	991241.79	390.900**	1.000000948	0.999938592	0.99993954
54	GPS134	GRSE	1025692.29	991123.85	38.179**	1.000000969	0.999994223	0.999995193
55	GPS135	FLIC EN FLAC JUNCTION	986973.23	990807.93	127.922	1.000001043	0.99998001	0.999981053
56	GPS136	PALMA	991410.77	990415.39	280.262**	1.000001135	0.999956035	0.999957169
57	GPS137	MONTAGNE BLANCHE	1012271.21	991127.28	313.252**	1.000000972	0.999950799	0.999951771
58	GPS138	DUBREUIL	1007147.42	988066.83	386.572	1.000001759	0.999939234	0.999940993
59	GPS139	YEMEN	986875.68	987510.59	52.976**	1.000001926	0.99999175	0.999993676
60	GPS140	SEBASTOPOL	1017666.93	987315.36	151.803**	1.000001986	0.999976225	0.99997821
61	GPS141	POINTE DU DIABLE	1026151.76	984582.87	3.590	1.00000293	0.999999573	1.000002503
62	GPS142	RICHE EN EAU (MONTAGNE	1013066.68	984562.70	218.603**	1.000002943	0.999965661	0.999968604
63	GPS143	MIDLANDS	1003480.95	984732.12	476.935**	1.000002881	0.999925078	0.999927959
64	GPS144	HENRIETTA	993974.14	983936.94	491.159**	1.000003188	0.999922933	0.999926121
65	GPS145	MARE AUX VACOAS	996172.84	981175.60	571.822**	1.000004379	0.99991028	0.999914659
66	GPS146	BOIS PUANT	984632.58	979997.17	63.432**	1.000004942	0.99999025	0.999995192
67	GPS147	LA FLORA	1003894.00	977751.45	369.407**	1.000006118	0.99994203	0.999948148
68	GPS148	LA GAULETTE	983160.92	975843.64	8.319	1.000007208	0.999999127	1.000006334
69	GPS149	GORGE	989861.71	974905.68	684.221**	1.000007782	0.999892864	0.999900645
70	GPS150	GROS BILLOT	1008233.34	975271.32	224.739**	1.000007557	0.999964791	0.999972348
71	GPS151	BLUE BAY	1018948.24	973055.80	10.699	1.000008967	0.999998476	1.000007443
72	GPS152	BASSIN BLANC	994652.87	971743.79	492.186**	1.000009869	0.999922932	0.9999328
73	GPS153	BRITANNIA	1003399.75	971485.34	227.107	1.000010051	0.99996446	0.99997451
74	GPS154	BENARES	1005863.13	968249.61	114.504	1.000012461	0.999982202	0.999994663
75	GPS155	MACONDE	983564.84	967597.05	12.868**	1.000012973	0.99999821	1.000011183
76	GPS156	BEL OMBRE	987810.33	966070.67	8.917	1.000014228	0.999998801	1.000013029
77	GPS157	RIVIERE DES GALLETES	992441.36	966193.47	3.224**	1.000014127	0.999999677	1.000013805
78	GPS158	SOUILLAC	999940.94	964500.94	31.624**	1.000015579	0.999995267	1.000010847
79	GPS159	SALAZIE	1010470.88	1001855.67	357.501**	1.000000043	0.999943879	0.999943922

Note: * - Trigonometrical Height

**** -EGM 2008 Geoid**

LE POUCE GRID COORDINATES

DATUM : LE POUCE

ELLIPSOID : CLARKE1880

PROJECTION: LAMBERT CONICAL ORTHOMORPHIC

SN	ID	Station Name	Eastings	Northings	Elevation (amsl)	Projection Scale Factor	Height Scale Factor	Combined Scale Factor
80	GPS160	LE MORNE VILLAGE	980491.16	970393.52	1.675**	1.000010827	0.999999961	1.000010789
81	GPS2181	BOIS DES AMOURETTES	1021958.44	981121.85	1.491	1.000004398	0.999999843	1.000004241

Note: * - Trigonometrical Height

** -EGM 2008 Geoid

TRANSFORMATION PARAMETERS

Three Parameter Transformation Clarke 1880 to GDM 2008

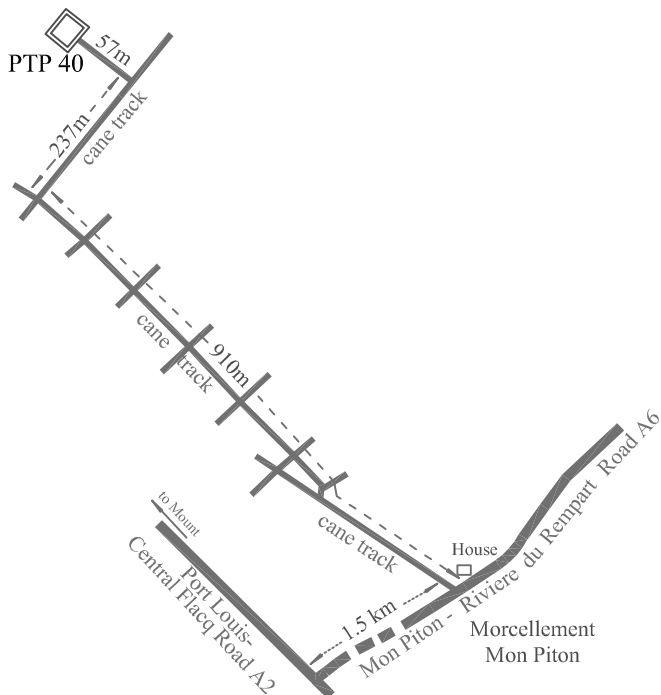
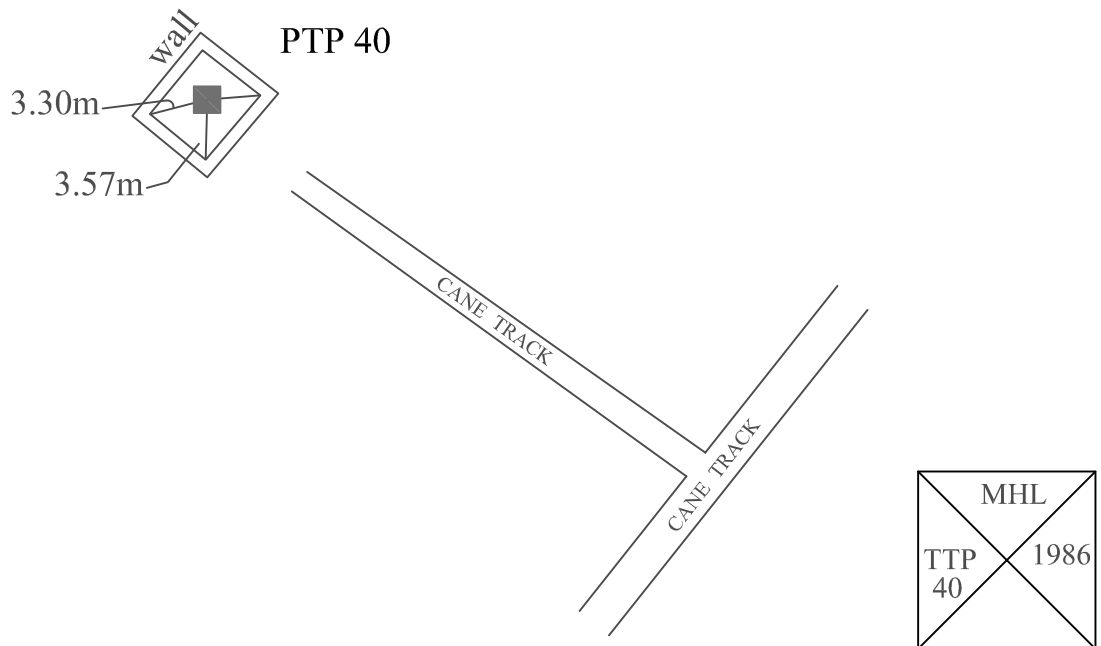
Parameter	Translation (m)
X- axis	-756.089
Y-Axis	171.409
Z- Axis	-503.098

Seven Parameter Transformation Clarke 1880 to GDM 2008

Parameter		Standard Deviation
X- axis Translation (metres)	-146.610	13.895
Y- axis Translation (metres)	-228.913	11.036
Z- axis Translation (metres)	-139.243	0.026
X- axis Rotation (seconds)	1.0828	0.0029
Y- axis Rotation (seconds)	-18.6823	0.0012
Z- axis Rotation (seconds)	-19.5543	0.1011
Scale (parts per million)	21.28428	0.00437

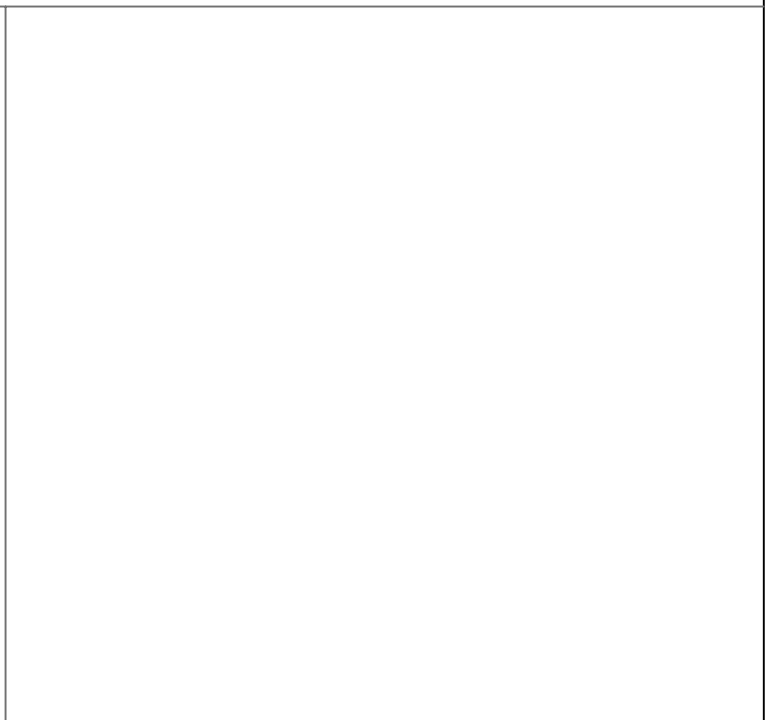
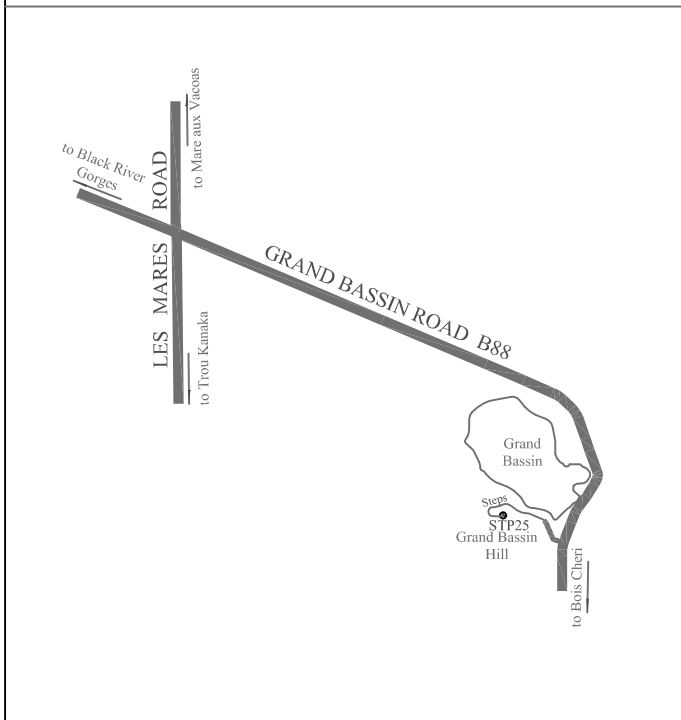
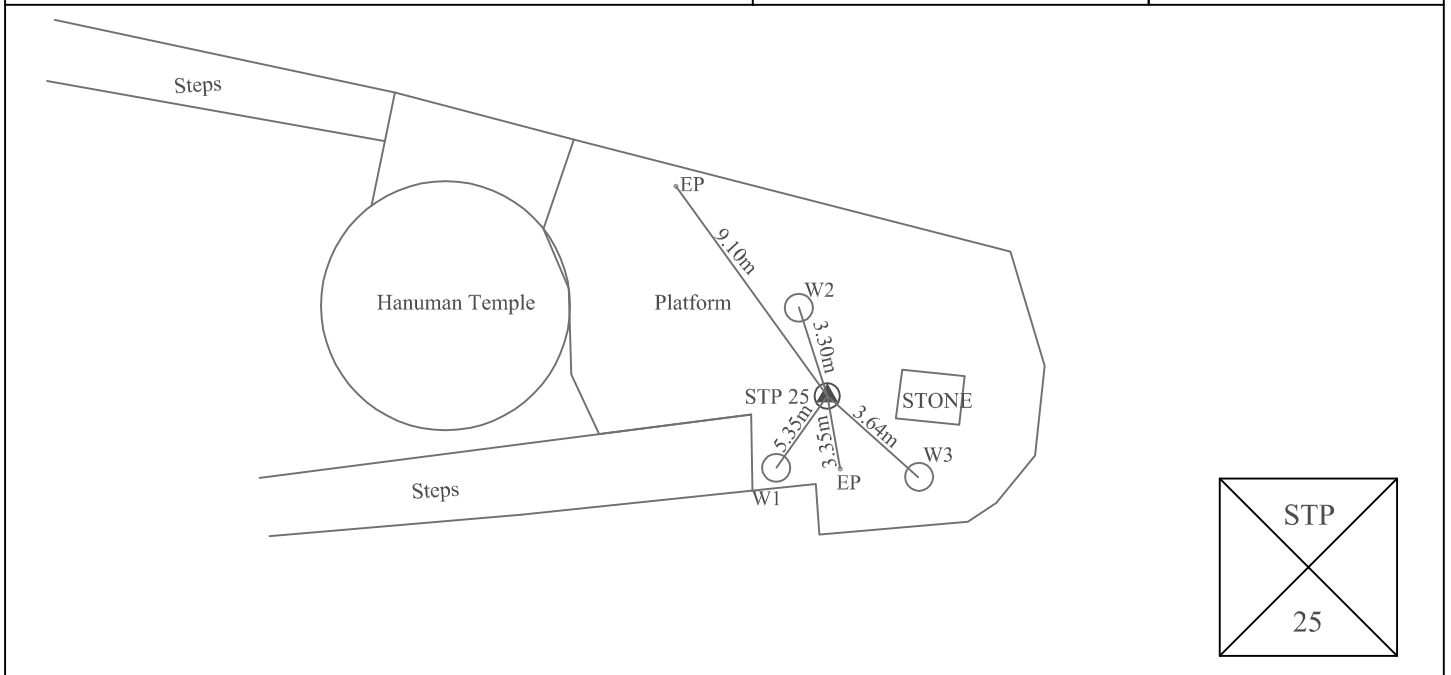
STATION DESCRIPTION

CONTROL POINT ID	PTP 40	LATITUDE (d m s) GDM 2008	S20°06'02.07745"
		LONGITUDE (d m s)	E57°36'44.50668"
LOCATION	THE MOUNT	COORDINATES MGM 2008	564,016.522 mE 7,777,271.199 mN
SURVEY BLOCK	Primary Datum Point Connection to ITRF2005@2020	COORDINATES LGM 2012	254,999.60 mE 369,366.13 mN
MARK	Brass Pin in concrete	COORDINATES LCO- LE POUCE GRID	1,008,738.87 mE 1,010,794.39 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	161.620 m (Trig Ht)
REMARKS:	Brass Bolt in Concrete slab, good condition Permission to be seeked from Mount Sugar Estate	ELLIPSOIDAL HEIGHT	158.864 m
DATE:	09.05.11		



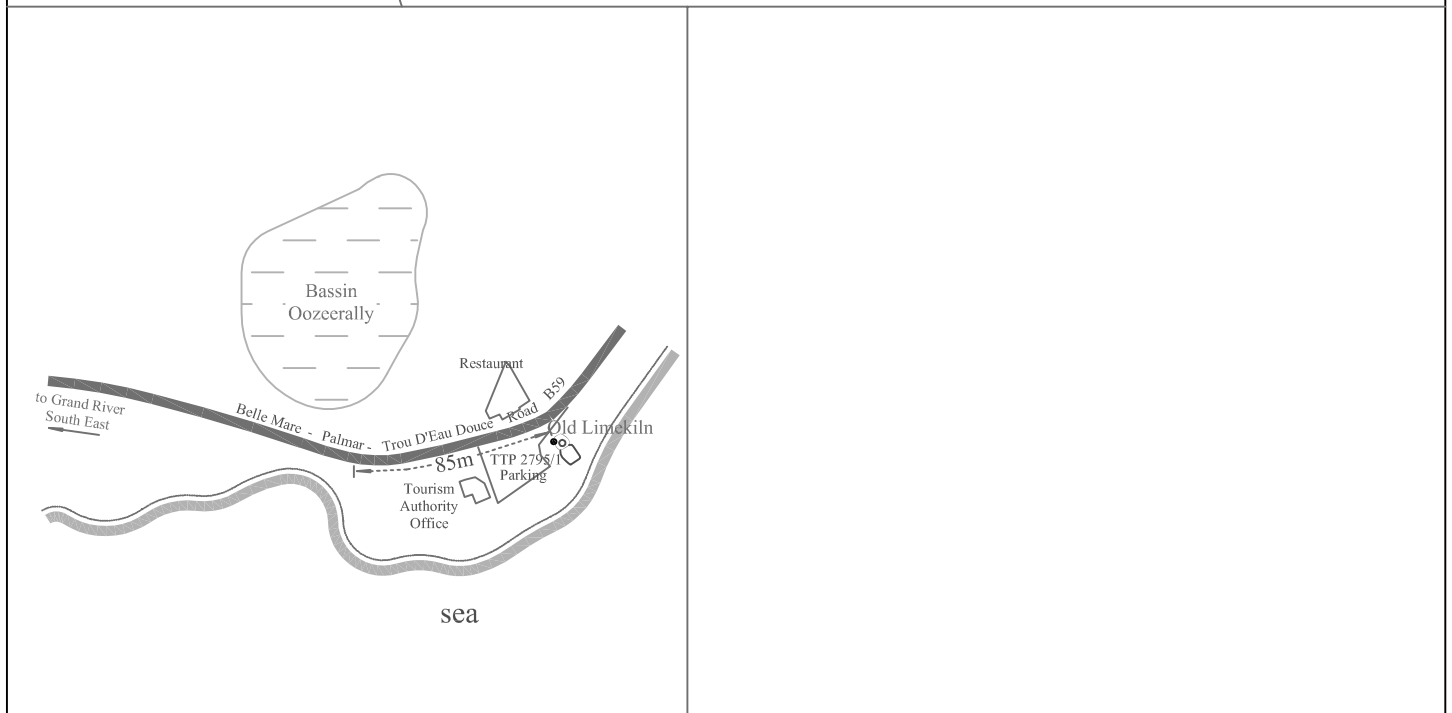
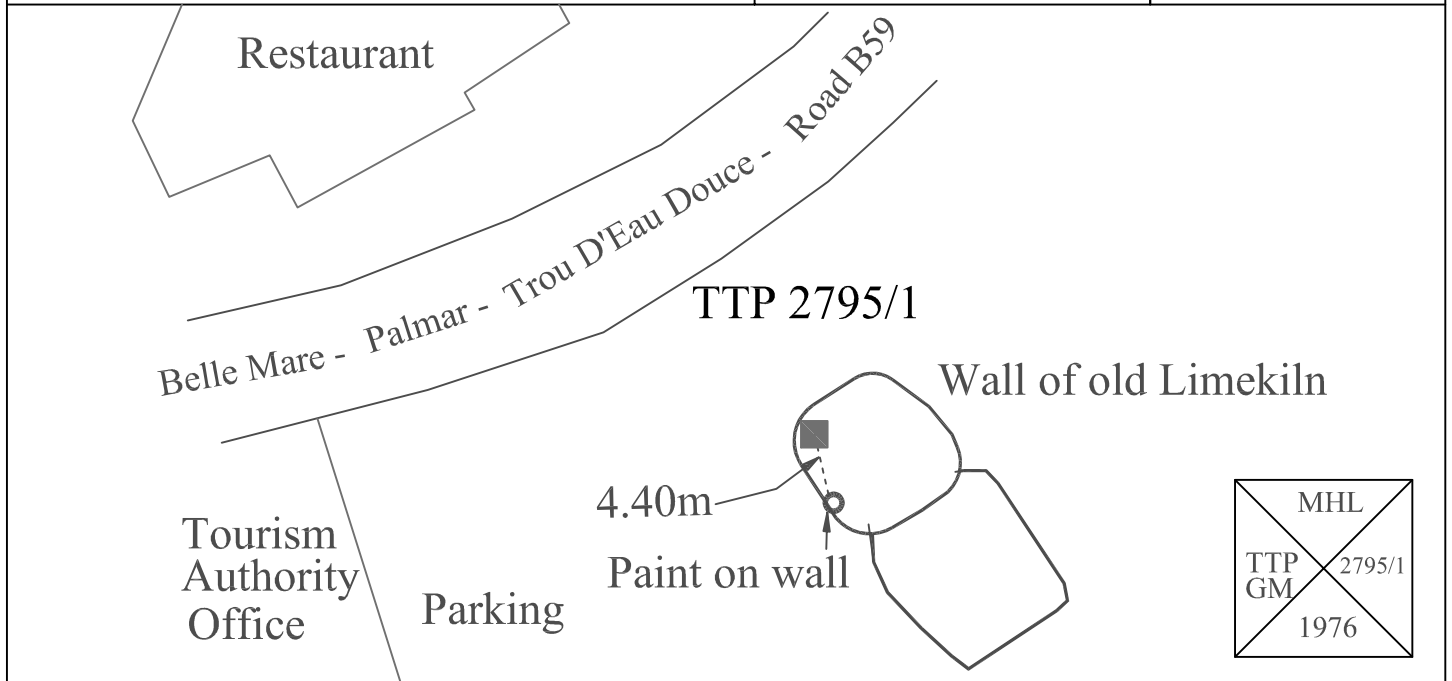
STATION DESCRIPTION

CONTROL POINT ID	STP 25	LATITUDE (d m s) GDM 2008	S20°25'11.58253"
		LONGITUDE (d m s)	E57°29'29.34684"
LOCATION	PITON GRAND BASSIN	COORDINATES MGM 2008	551,274.709 mE 7,741,976.486 mN
SURVEY BLOCK	Primary Datum Point Connection to ITRF2005@2020	COORDINATES LGM 2012	242,373.78 mE 334,015.62 mN
MARK	Brass pin in concrete	COORDINATES LCO- LE POUCE GRID	996,102.99 mE 975,448.20 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	701.600 m (Trig Ht)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	699.243 m
		DATE: 09.05.11	



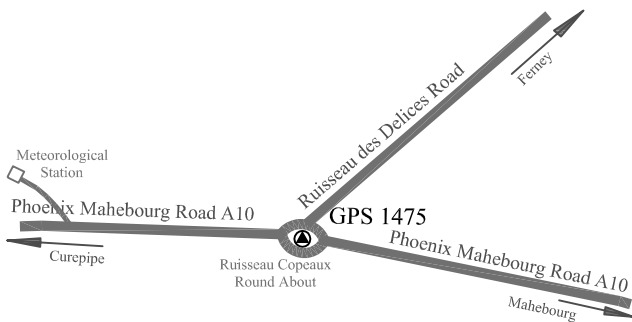
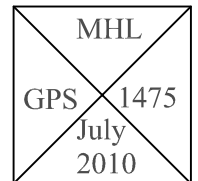
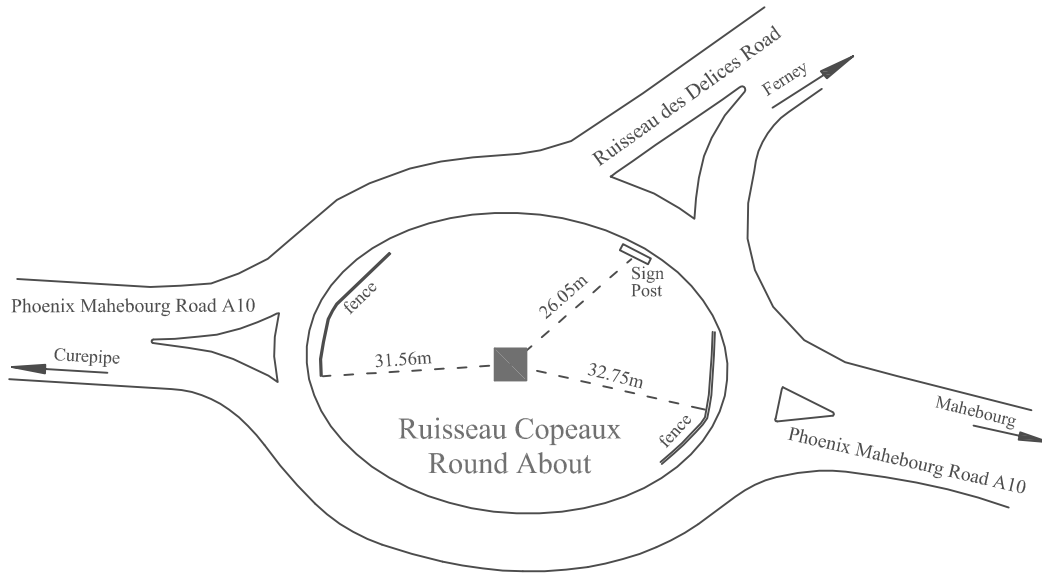
STATION DESCRIPTION

CONTROL POINT ID	TTP 2795/1	LATITUDE (d m s) GDM 2008	S20°14'20.41771"
		LONGITUDE (d m s)	E57°47'33.13212"
LOCATION	TROU D'EAU DOUCE	COORDINATES MGM 2008	582,779.660 mE 7,761,871.984 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	273,821.10 mE 354,025.66 mN
MARK	Brass pin in concrete	COORDINATES LCO- LE POUCE GRID	1,027,555.32 mE 995,448.68 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	7.402 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	3.550 m
DATE: 09.05.11			



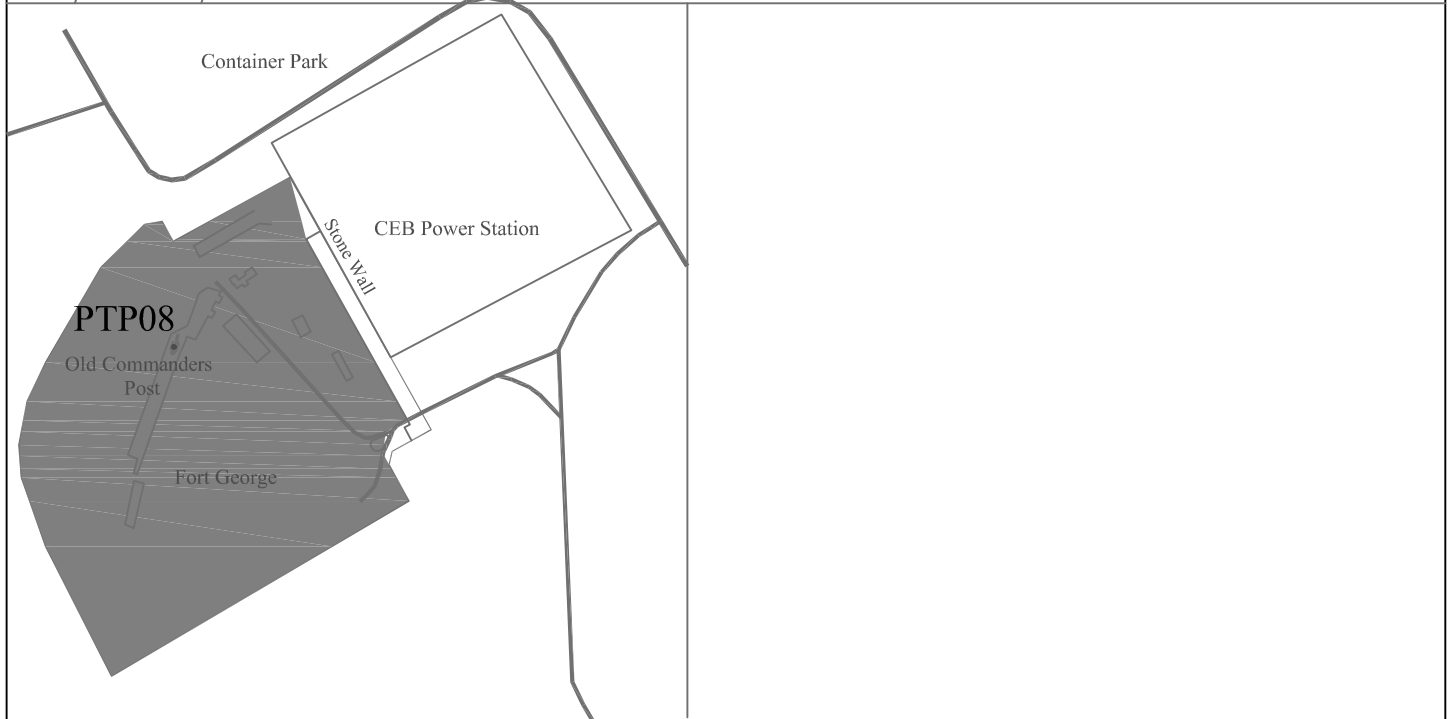
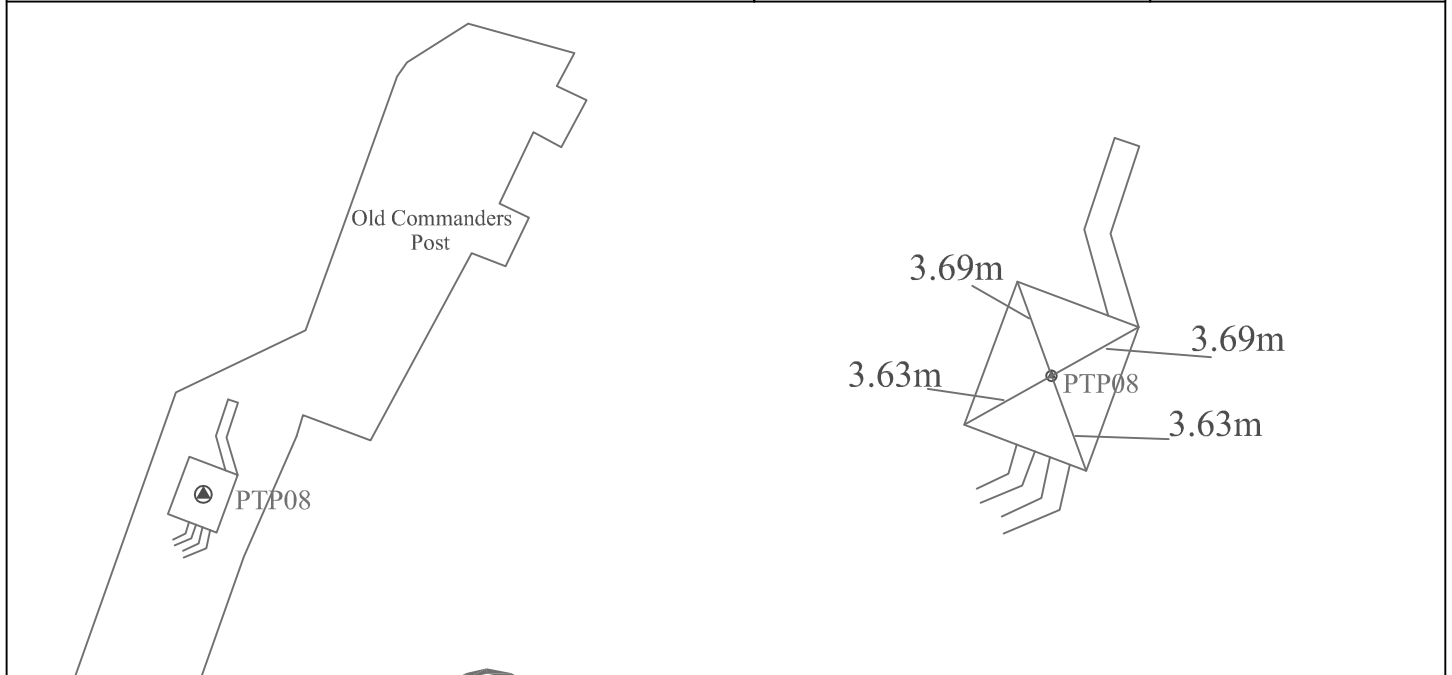
STATION DESCRIPTION

CONTROL POINT ID	GPS 1475	LATITUDE (d m s) GDM 2008	S20°25'13.28471"
		LONGITUDE (d m s)	E57°39'58.47087"
LOCATION	AIRPORT	COORDINATES MGM 2008	569,506.713 mE 7,741,859.888 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	260,612.52 mE 333,961.70 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,014,341.40 mE 975,388.77 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	66.095 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	62.728 m
		DATE: 09.05.11	



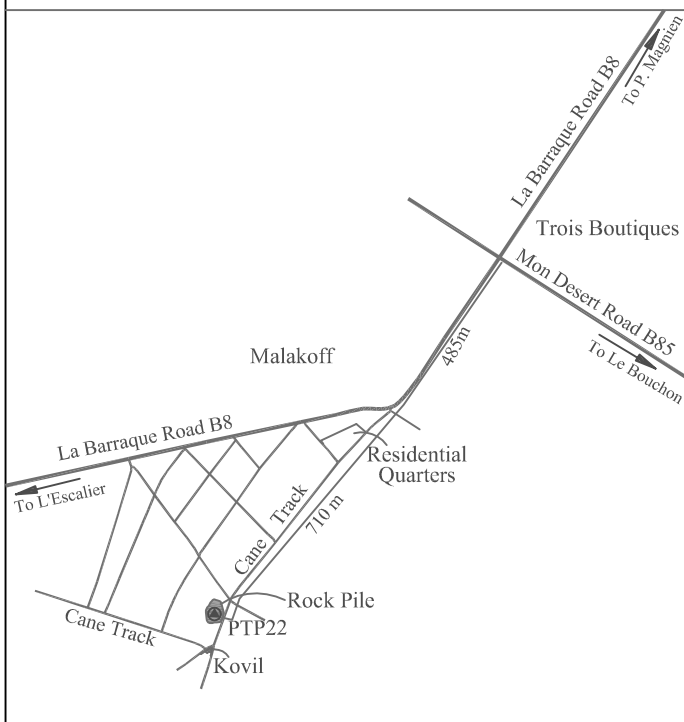
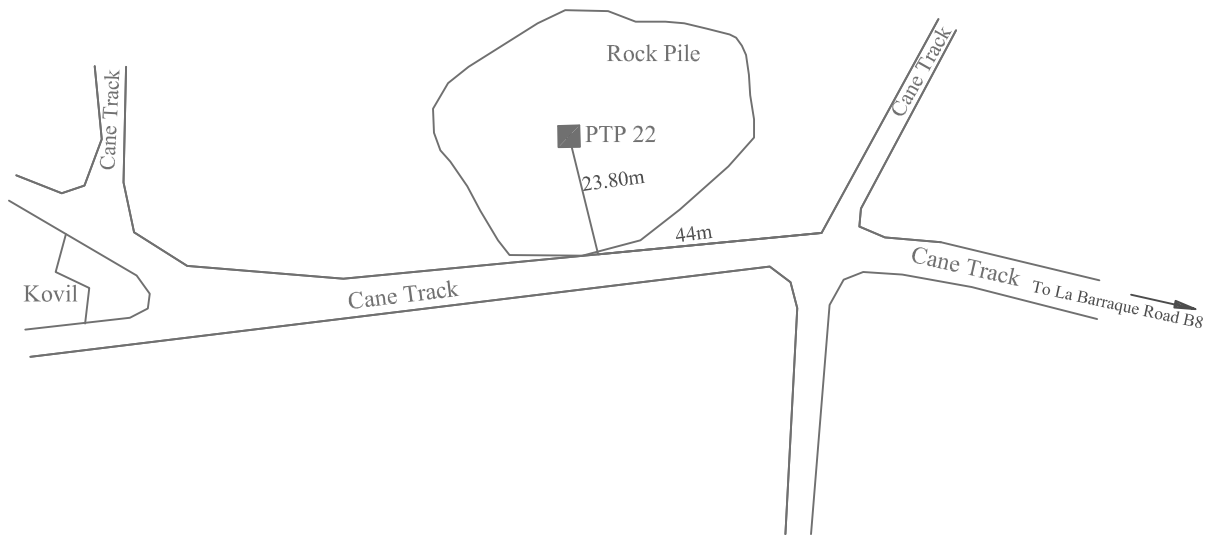
STATION DESCRIPTION

CONTROL POINT ID	PTP 08	LATITUDE (d m s) GDM 2008	S20°08'47.25318"
		LONGITUDE (d m s)	E57°29'27.25928"
LOCATION	FORT GEORGE	COORDINATES MGM 2008	551,304.088 mE 7,772,235.681 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	242,299.79 mE 364,285.73 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	996,037.61 mE 1,005,717.83 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	11.541 m
REMARKS: Brass Bolt in Concrete slab, good condition Permission to be seeked from MPA and inform Fire Services in Port		ELLIPSOIDAL HEIGHT	8.523 m
		DATE: 09.05.11	



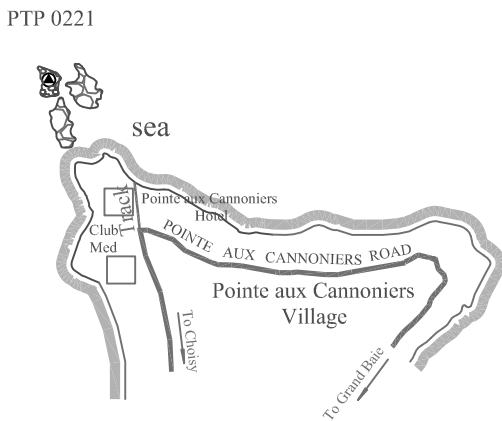
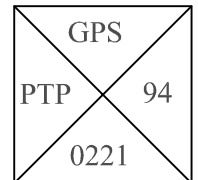
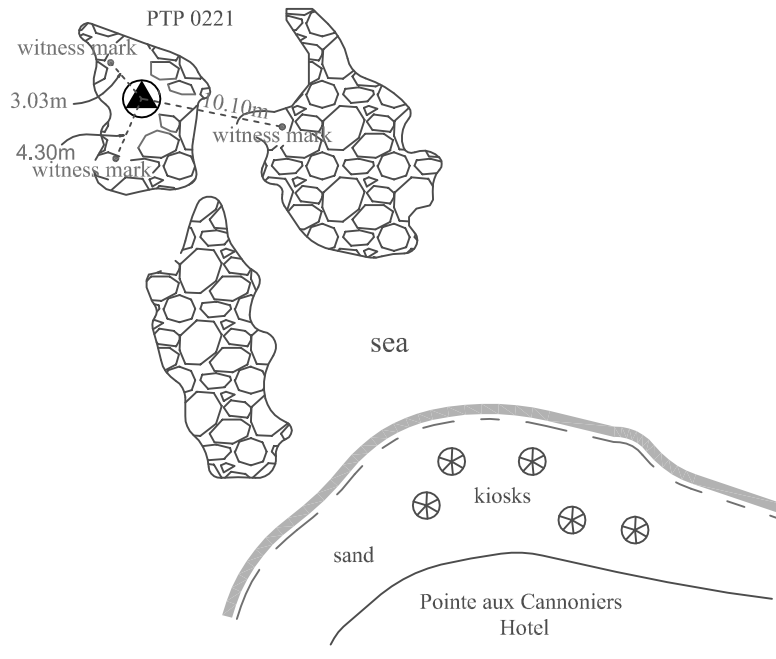
STATION DESCRIPTION

CONTROL POINT ID	PTP 22	LATITUDE (d m s) GDM 2008	S20°27'46.17186"
		LONGITUDE (d m s)	E57°38'17.29072"
LOCATION	PASSEFER	COORDINATES MGM 2008	566,556.176 mE 7,737,171.495 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	257,677.15 mE 329,261.55 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,011,404.75 mE 970,689.51 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	104.699 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	100.832 m
		DATE: 09.05.11	



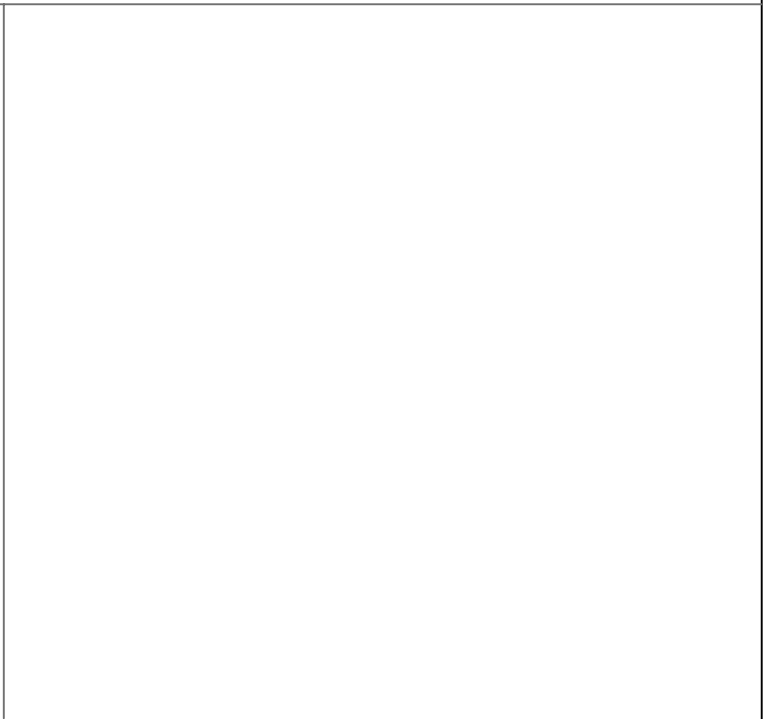
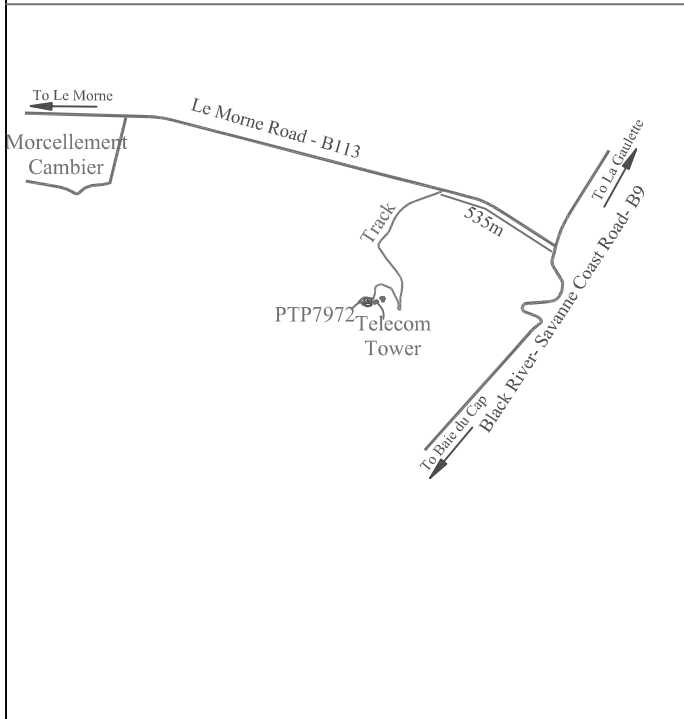
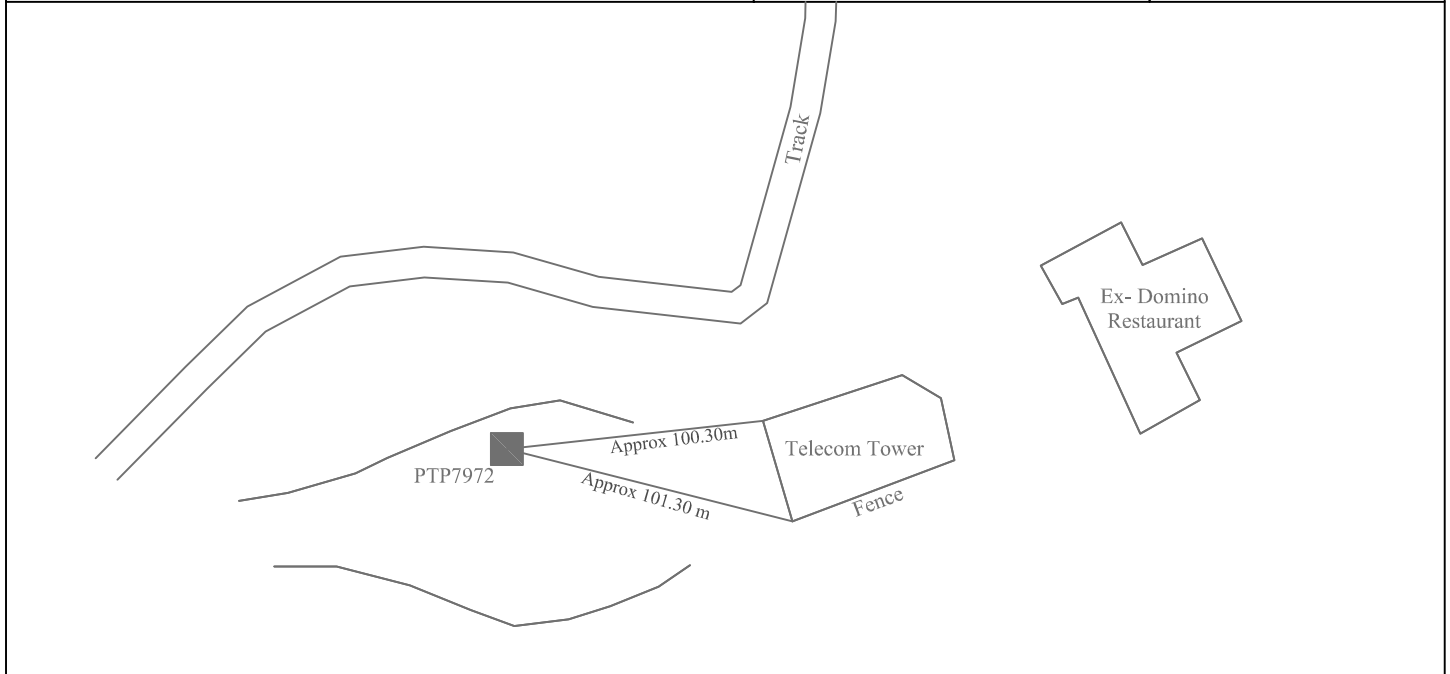
STATION DESCRIPTION

CONTROL POINT ID	PTP0221	LATITUDE (d m s) GDM 2008	S20°00'00.45320"
		LONGITUDE (d m s)	E57°33'06.49865"
LOCATION	PTE AUX CANONNIERS	COORDINATES MGM 2008	557,722.349 mE 7,788,409.692 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	248,665.60 mE 380,487.24 mN
MARK	Brass pin in concrete	COORDINATES LCO- LE POUCE GRID	1,002,408.30 mE 1,021,917.25 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	0.650 m
REMARKS: Brass Bolt in Concrete slab, good condition Access through Hotel Le Meridien		ELLIPSOIDAL HEIGHT	-2.908 m
		DATE: 09.05.11	



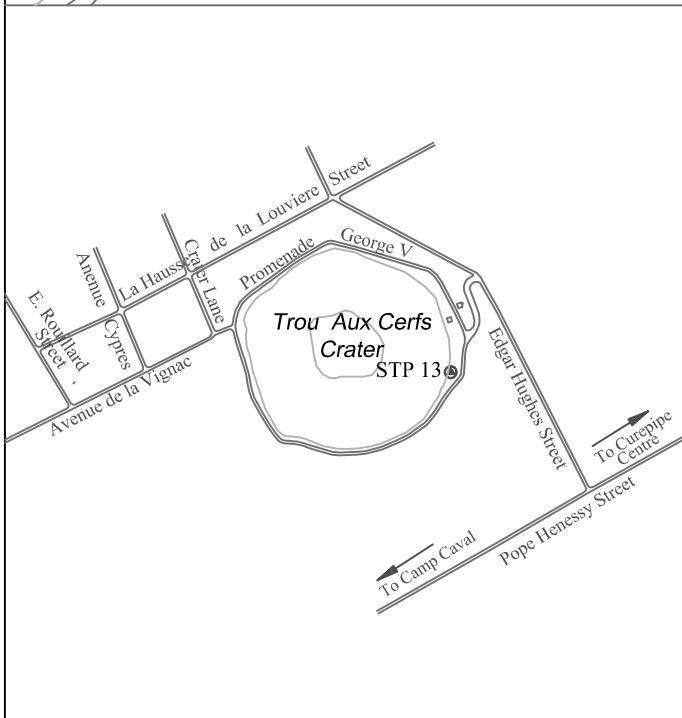
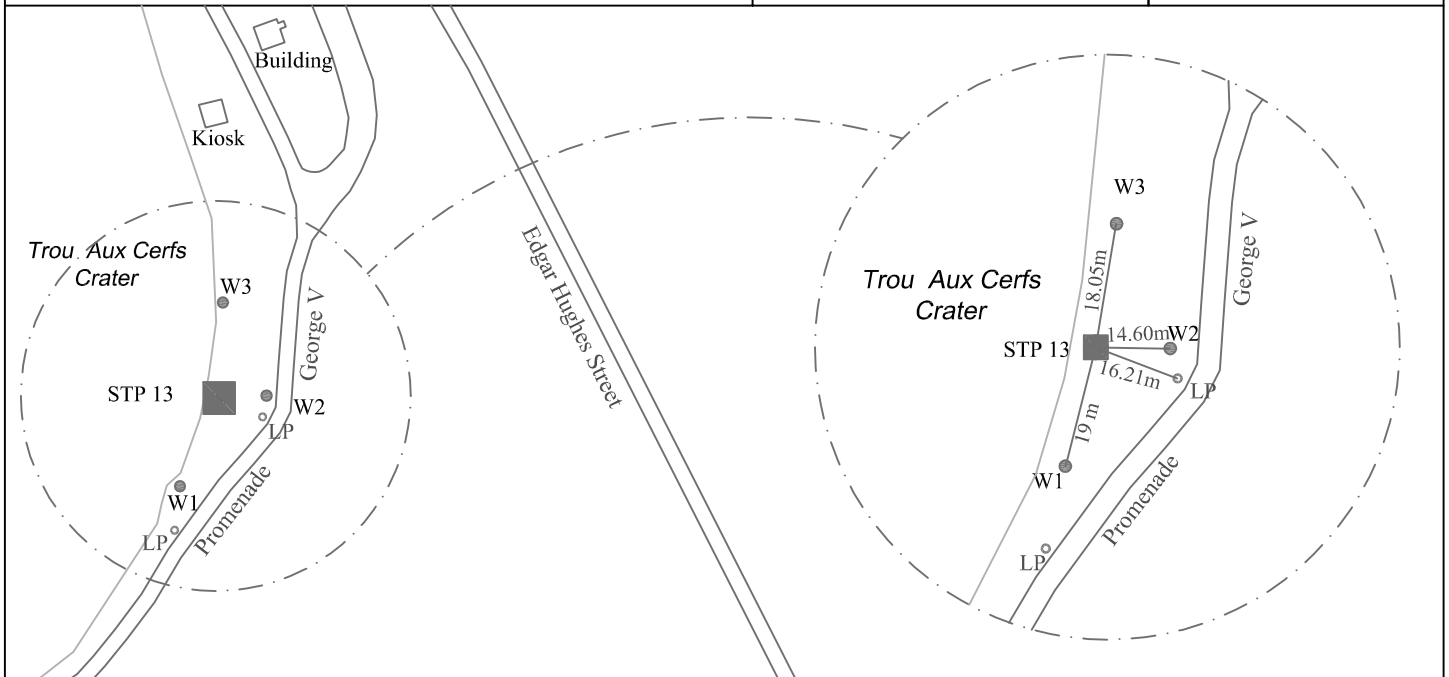
STATION DESCRIPTION

CONTROL POINT ID	PTP 7972	LATITUDE (d m s) GDM 2008	S20°27'01.21181"
		LONGITUDE (d m s)	E57°20'21.69291"
LOCATION	DOMINO- LE MORNE	COORDINATES MGM 2008	535,396.854 mE 7,738,646.540 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	226,501.48 mE 330,629.92 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	980,229.90 mE 972,067.30 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	101.481 m
REMARKS: Brass Bolt in Concrete slab, good condition Permission to be seeked from Cambier		ELLIPSOIDAL HEIGHT	97.092 m
		DATE: 09.05.11	



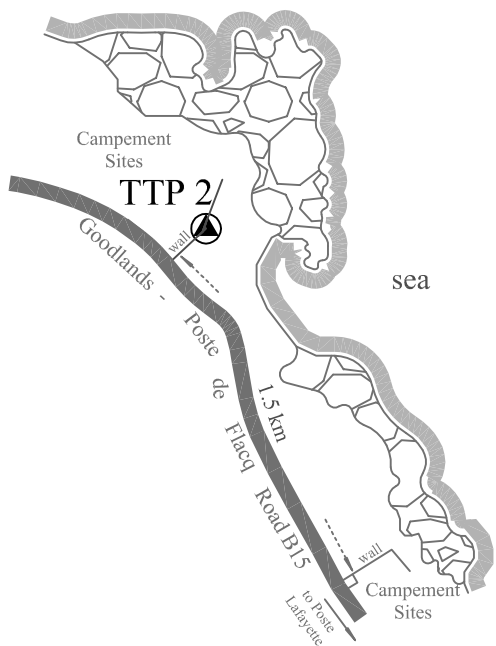
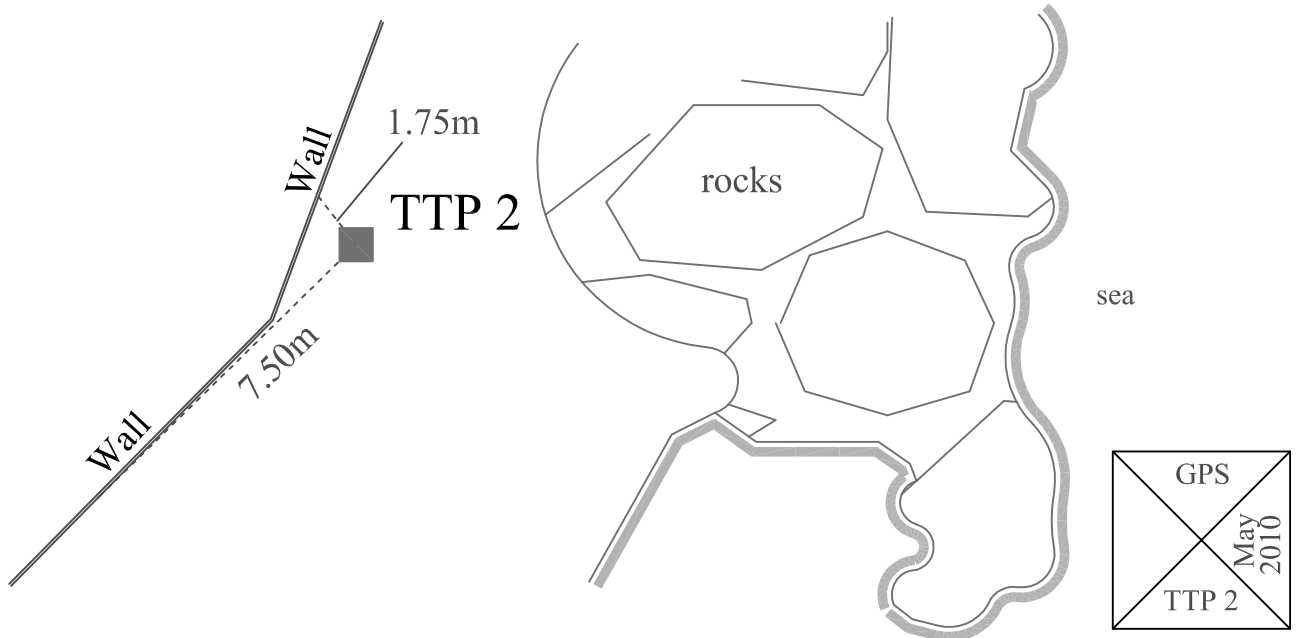
STATION DESCRIPTION

CONTROL POINT ID	STP 13	LATITUDE (d m s) GDM 2008	S20°19'06.00208"
		LONGITUDE (d m s)	E57°30'47.89085"
LOCATION	TROU AUX CERFS	COORDINATES MGM 2008	553,585.962 mE 7,753,207.875 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	244,647.35 mE 345,258.94 mN
MARK	Brass pin in concrete	COORDINATES LCO- LE POUCE GRID	998,379.79 mE 986,690.38 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	604.607 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	602.630 m
		DATE: 09.05.11	



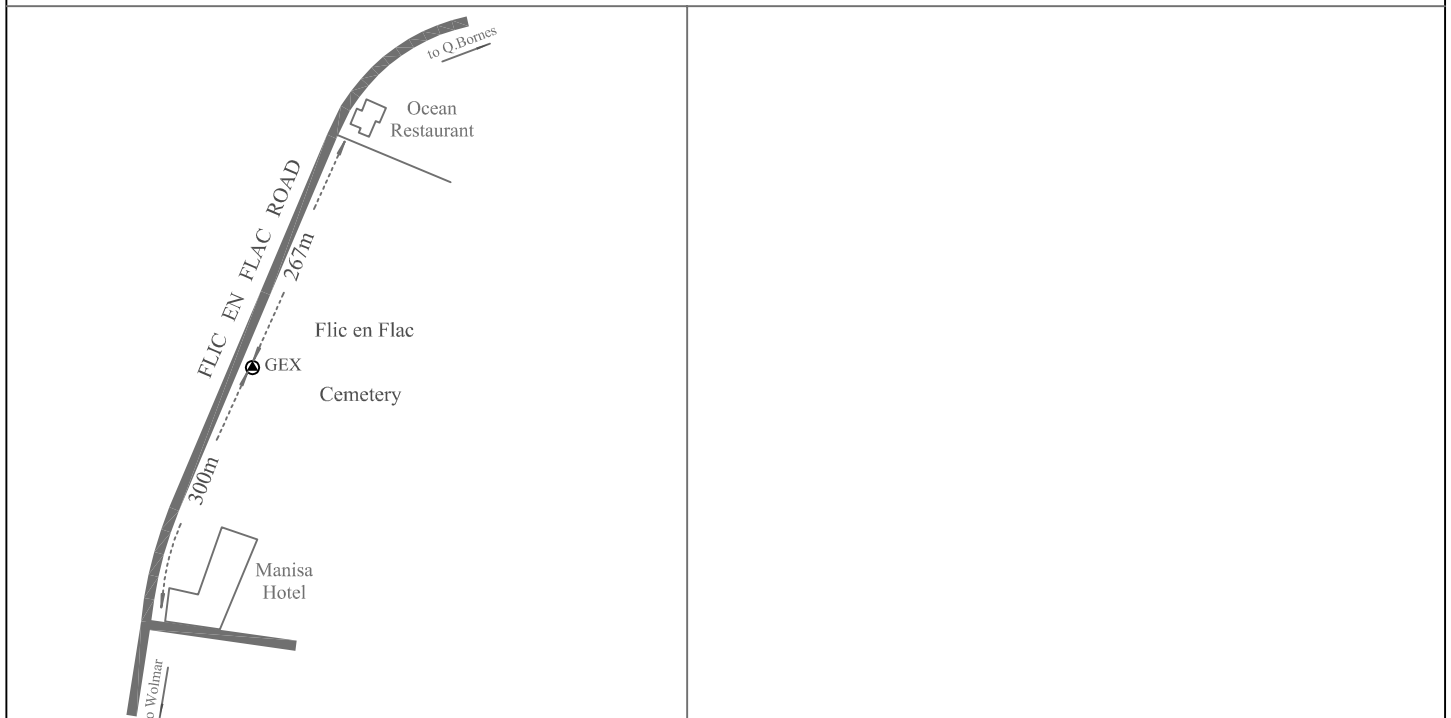
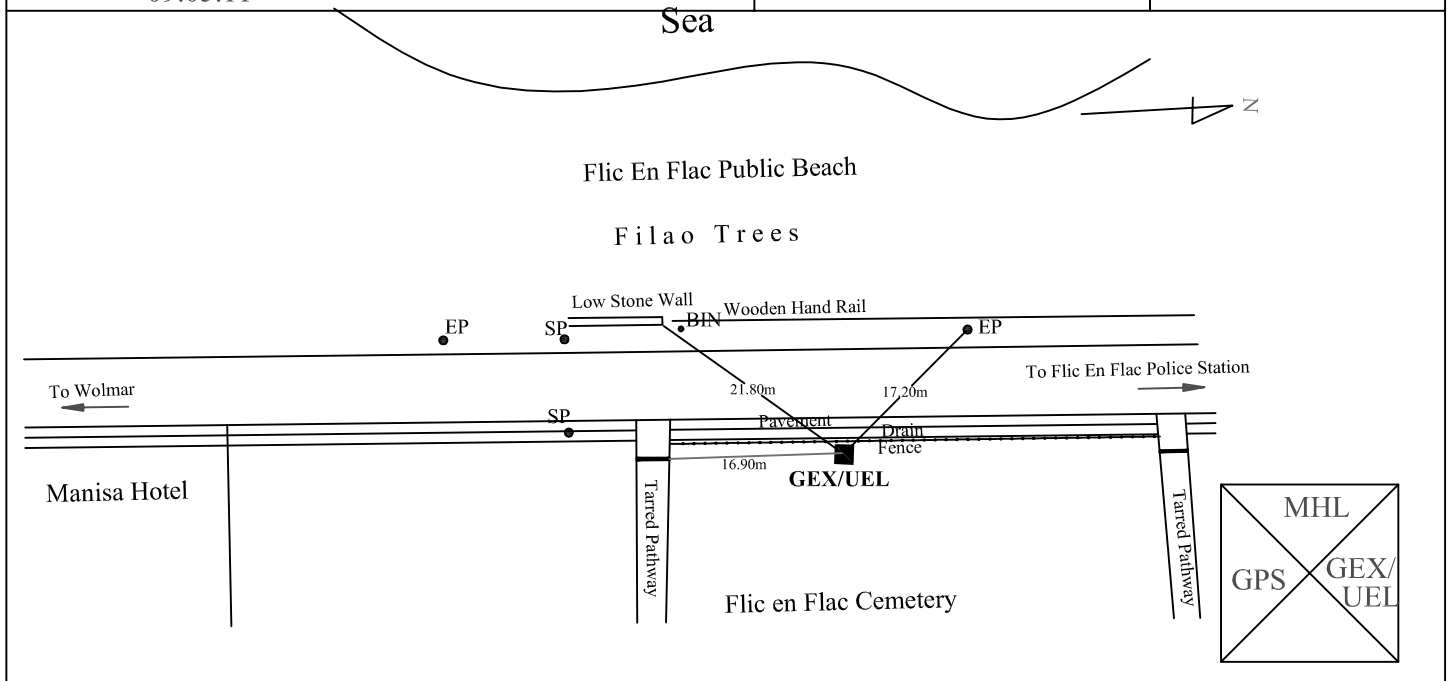
STATION DESCRIPTION

CONTROL POINT ID	TTP 2	LATITUDE (d m s)	S20°06'32.26543"
		LONGITUDE (d m s)	E57°44'48.10745"
LOCATION	ROCHE NOIRES	COORDINATES MGM 2008	578,056.171 mE 7,776,285.938 mN
SURVEY BLOCK	Primary		
MARK	Cast Iron in District Boundary pillar	LGM 2012	269,047.21 mE 368,428.04 mN
DESCRIBED BY	Cadastre Unit	COORDINATES LCO- LE POUCE GRID	1,022,786.15 mE 1,009,851.85 mN
REMARKS: Brass Bolt in Concrete slab, good condition			7.400 m (Trig Ht)
DATE: 09.05.11		ELLIPSOIDAL HEIGHT	3.421 m



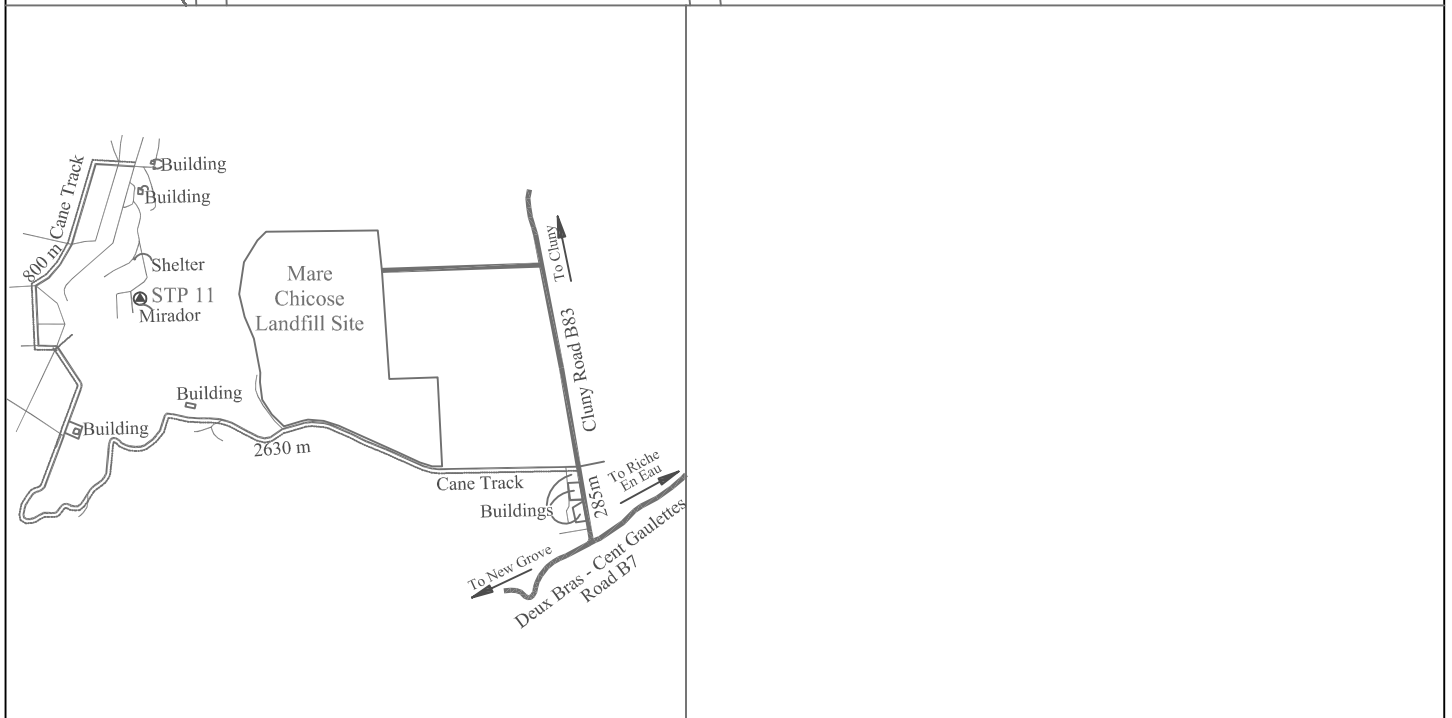
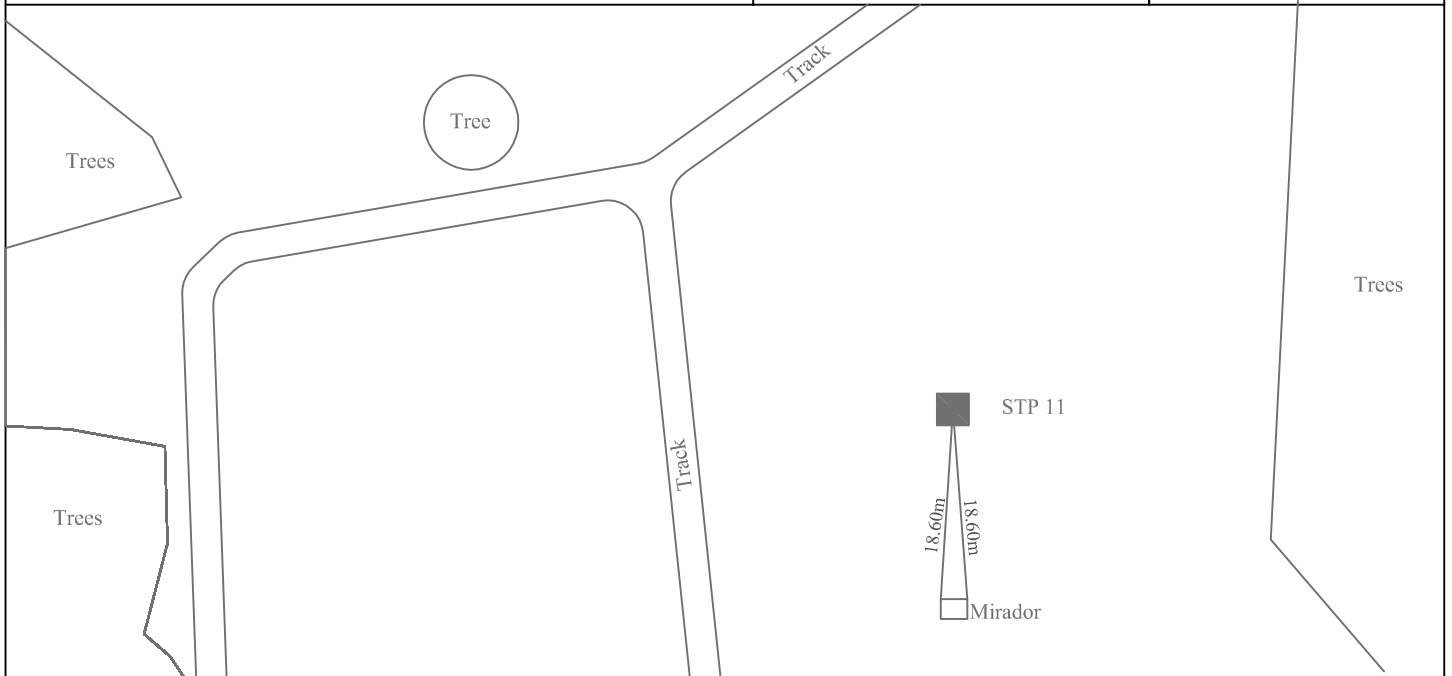
STATION DESCRIPTION

CONTROL POINT ID	GEX	LATITUDE (d m s) GDM 2008	S20°16'56.32072"
		LONGITUDE (d m s)	E57°21'55.46026"
LOCATION	FLIC EN FLAC CEMETERY	COORDINATES MGM 2008	538,154.931 mE 7,757,235.446 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	229,196.95 mE 349,235.23 mN
MARK	Steel rod in concrete	COORDINATES LCO- LE POUCE GRID	982,930.74 mE 990,671.57 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	4.056 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	-0.055 m
DATE: 09.05.11			



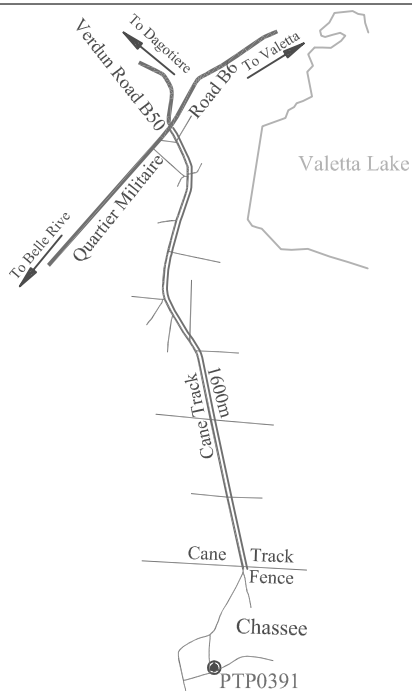
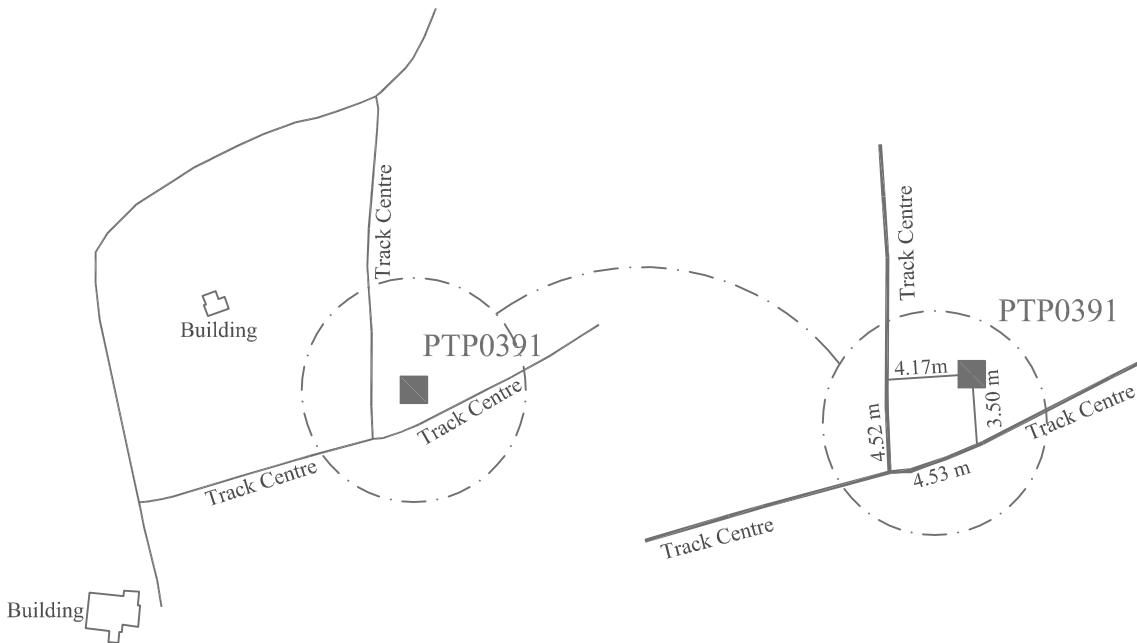
STATION DESCRIPTION

CONTROL POINT ID	STP 11	LATITUDE (d m s) GDM 2008	S20°23'14.87514"
		LONGITUDE (d m s)	E57°37'23.22416"
LOCATION	VERNON HILL	COORDINATES MGM 2008	565,021.389 mE 7,745,517.661 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	256,113.11 mE 337,605.27 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,009,843.11 mE 979,033.72 mN
DESCRIBED BY	Cadaastre Unit	HEIGHT (amsl)	326.260 m (Trig Ht)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	323.734 m
DATE: 09.05.11			



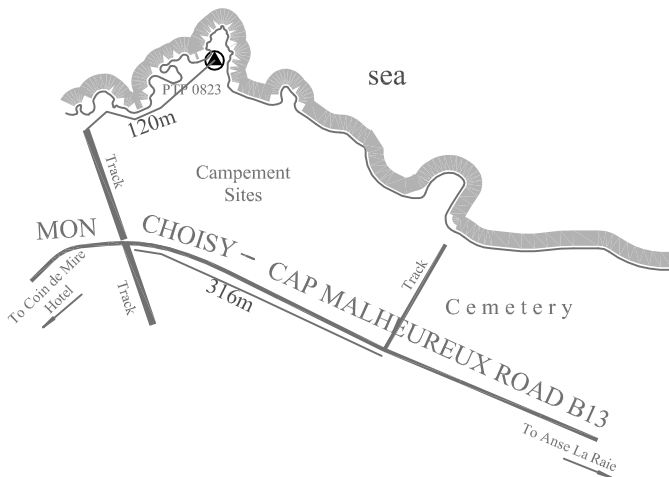
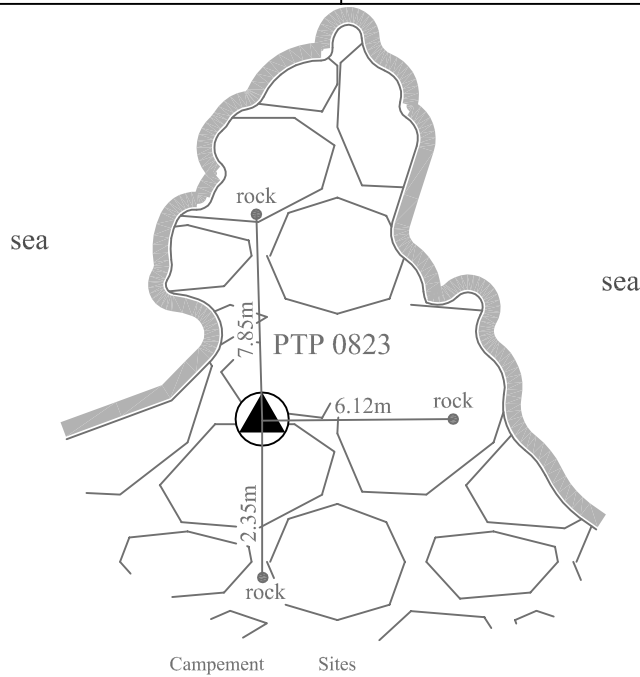
STATION DESCRIPTION

CONTROL POINT ID	PTP 0391	LATITUDE (d m s) GDM 2008	S20°16'31.85868"
		LONGITUDE (d m s)	E57°33'52.40384"
LOCATION	VERDUN	COORDINATES MGM 2008	558,952.875 mE 7,757,928.931 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	250,000.00 mE 350,000.00 mN
MARK	Brass pin in concrete	COORDINATES LCO- LE POUCE GRID	1,003,733.68 mE 991,429.96 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	531.915 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition Permission to be seeked from ENL Agri Ltd		ELLIPSOIDAL HEIGHT	530.077 m
DATE: 09.05.11			



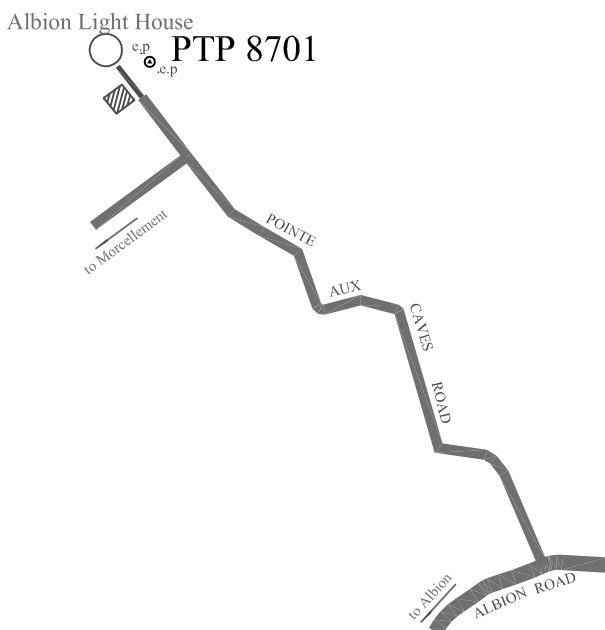
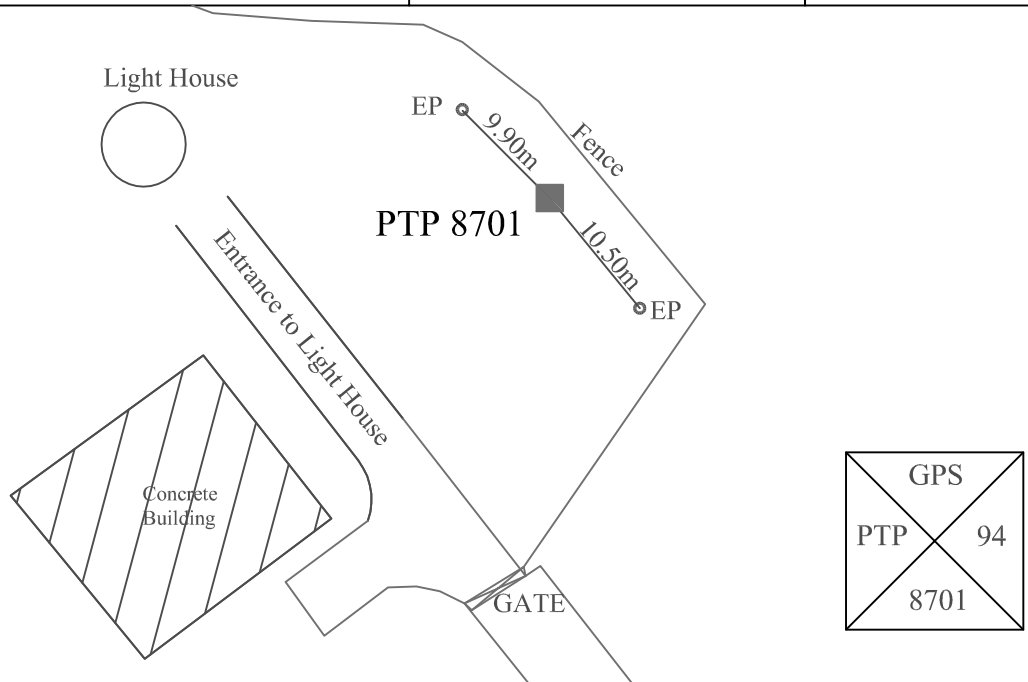
STATION DESCRIPTION

CONTROL POINT ID	PTP0823	LATITUDE (d m s) GDM 2008	S19°58'54.99519"
		LONGITUDE (d m s)	E57°36'39.58200"
LOCATION	CAP MALHEUREUX	COORDINATES MGM 2008	563,921.491 mE 7,790,400.395 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	254,860.22 mE 382,499.53 mN
MARK	Steel bolt	COORDINATES LCO- LE POUCE GRID	1,008,603.44 mE 1,023,927.70 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	3.314 m (EGM 2008 Geoid)
REMARKS: Steel Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	0.343 m
DATE: 11.05.11			



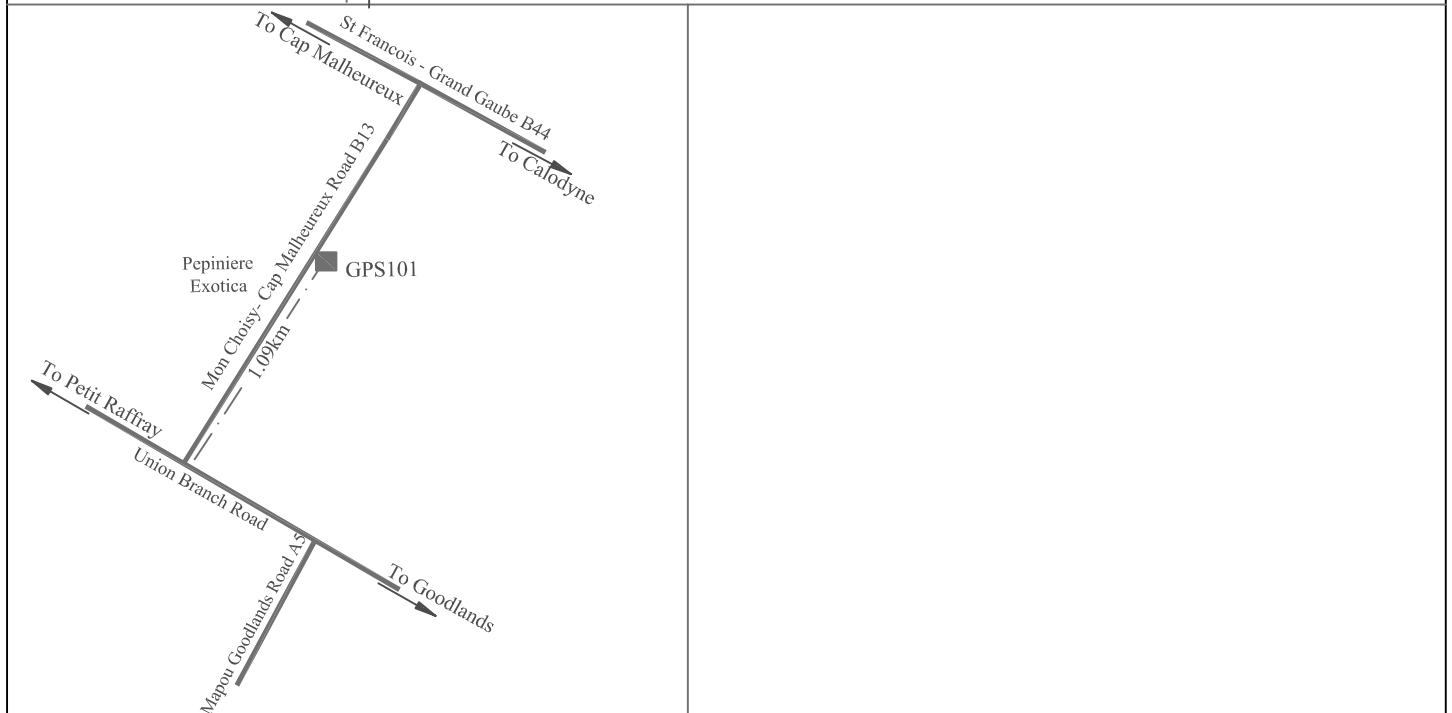
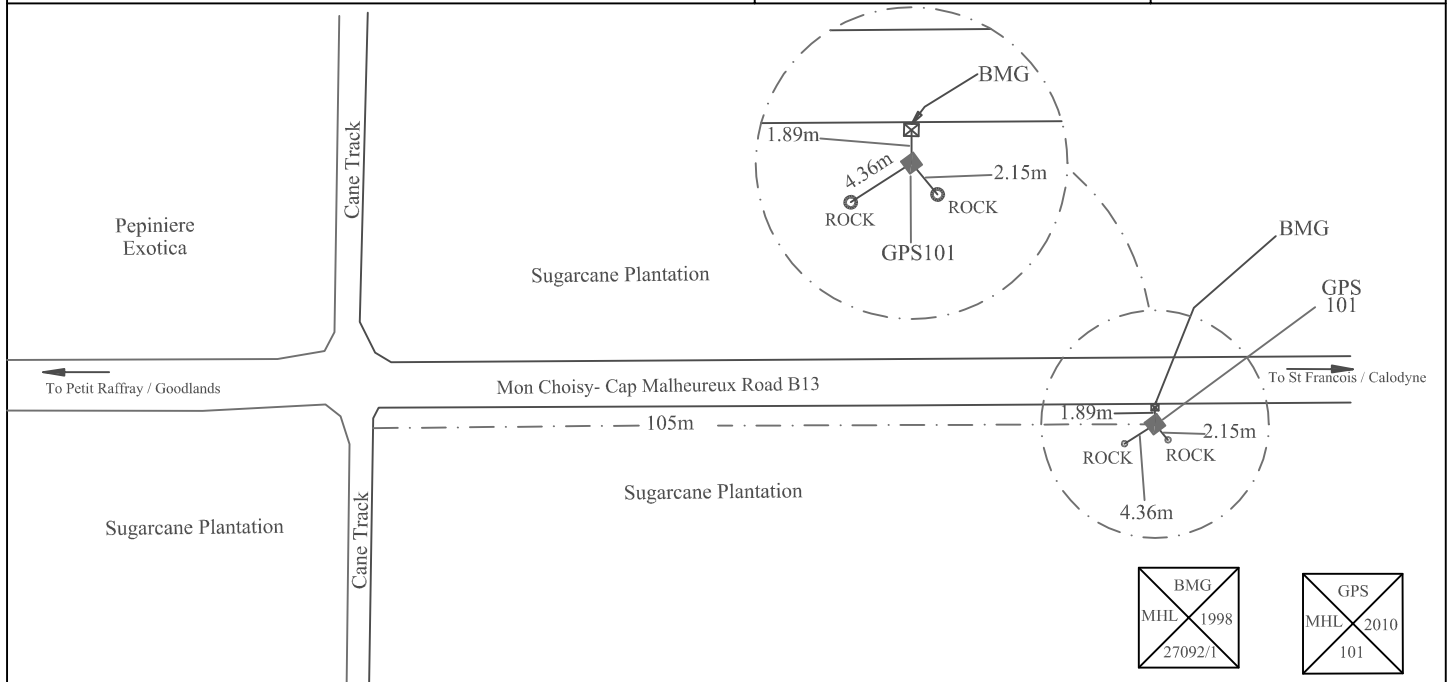
STATION DESCRIPTION

CONTROL POINT ID	PTP 8701	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°11'28.67397" E57°24'42.69510"
LOCATION	ALBION	COORDINATES MGM 2008	543,030.683 mE 7,767,296.007 mN
SURVEY BLOCK	Primary	COORDINATES LGM 2012	234,040.19 mE 359,316.13 mN
MARK	Brass pin in concrete	COORDINATES LCO- LE POUCE GRID	987,776.82 mE 1,000,750.81 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	18.737 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	14.174 m
		DATE: 09.05.11	



STATION DESCRIPTION

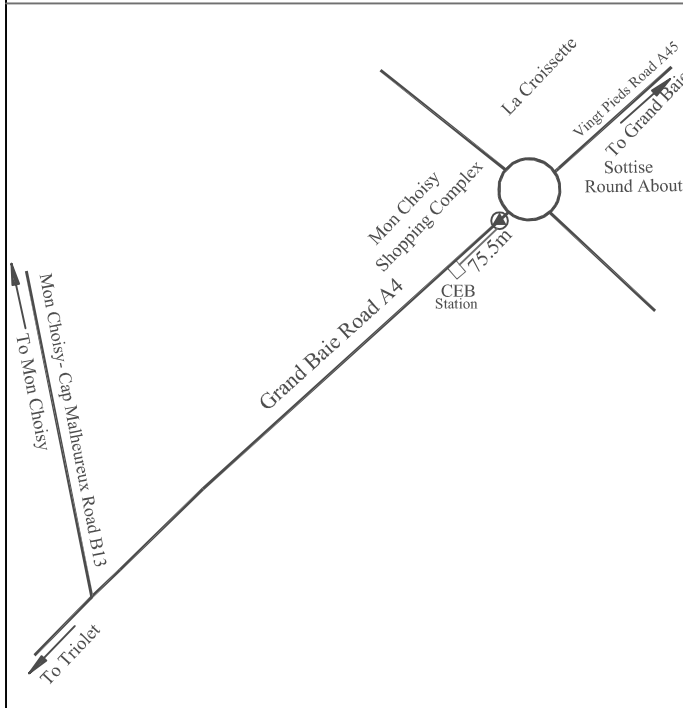
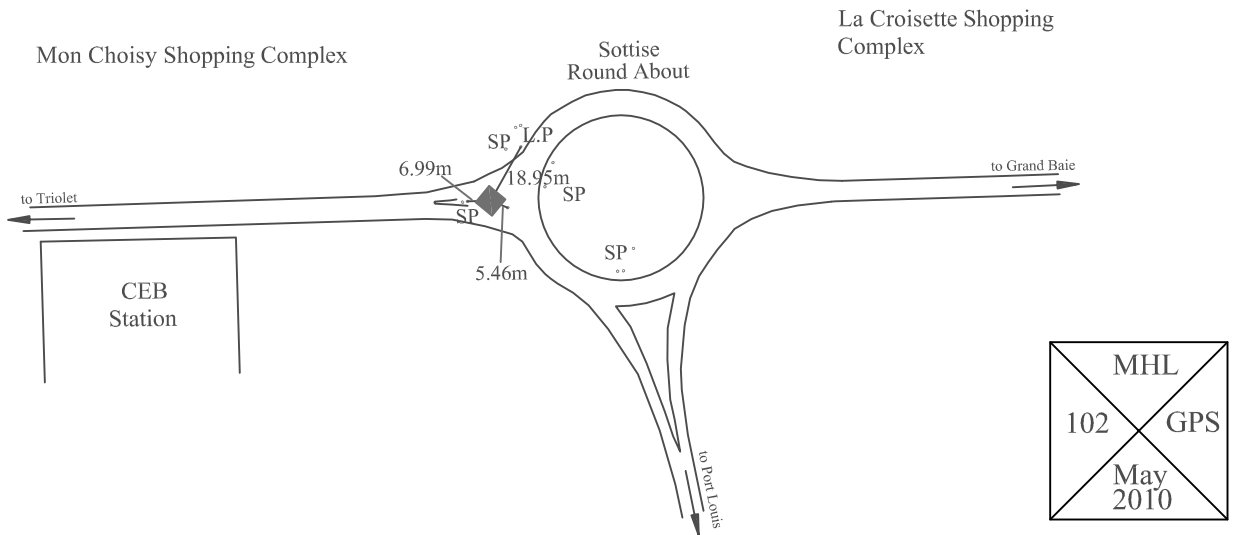
CONTROL POINT ID	GPS 101	LATITUDE (d m s) GDM 2008	S20°00'54.34695"
		LONGITUDE (d m s)	E57°38'08.80930"
LOCATION	Petite Raffray (R.Maurel)	COORDINATES MGM 2008	566,500.66 mE 7,786,721.84 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	257,452.67 mE 378,828.39 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,011,194.77 mE 1,020,255.86 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	17.673 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	15.118 m
DATE: 11.05.11			



STATION DESCRIPTION

CONTROL POINT ID	GPS 102	LATITUDE (d m s) GDM 2008	S20°01'28.64462"
		LONGITUDE (d m s)	E57°34'41.72966"
LOCATION	Sottise	COORDINATES MGM 2008	560,480.22 mE 7,785,689.34 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	251,433.61 mE 377,775.23 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,005,175.47 mE 1,019,204.45 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	18.231 m
REMARKS: Brass Bolt in Concrete slab, concrete partially destroyed, centre mark is in good condition, reliable		ELLIPSOIDAL HEIGHT	15.327 m
		DATE: 09.05.11	

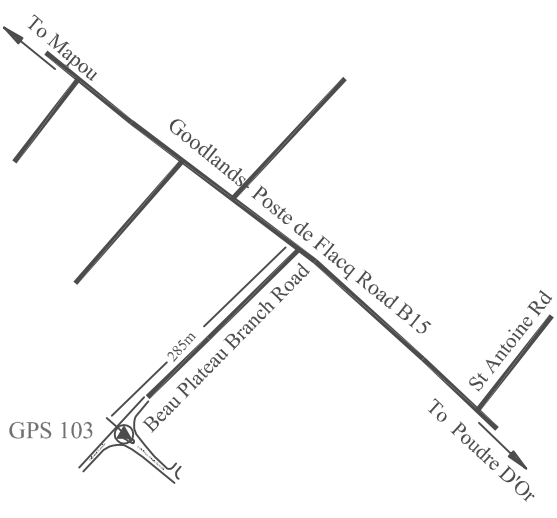
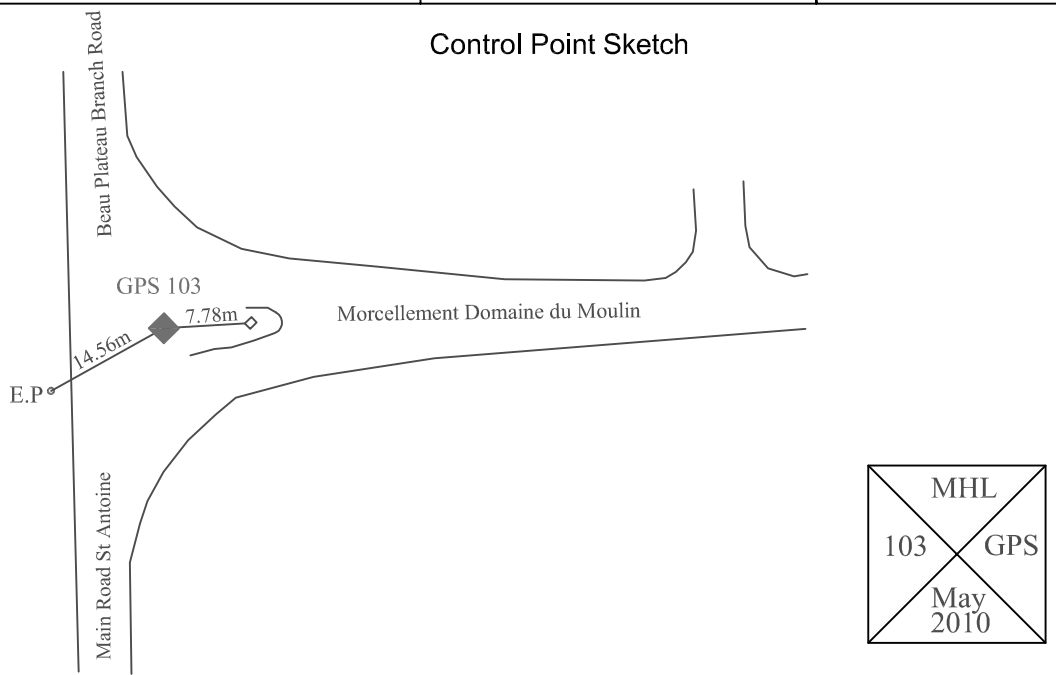
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 103	LATITUDE (d m s) GDM 2008	S20°02'39.01967"
		LONGITUDE (d m s)	E57°39'16.91836"
LOCATION	St Antoine	COORDINATES MGM 2008	568,467.02 mE 7,783,496.52 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	259,430.57 mE 375,608.60 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,013,171.70 mE 1,017,035.48 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	36.577 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	34.038 m
DATE: 09.05.11			

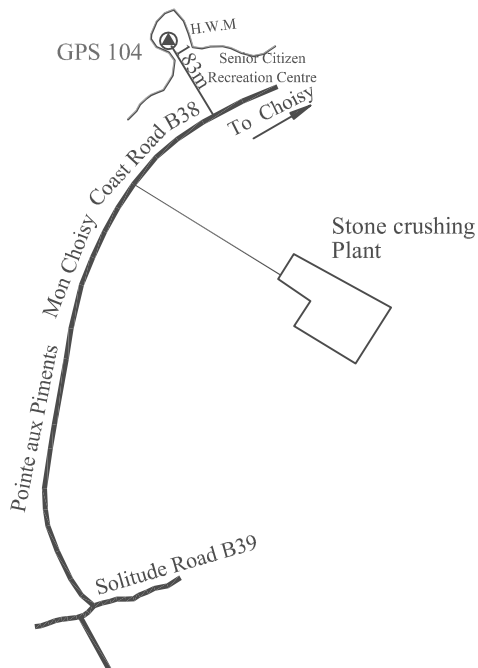
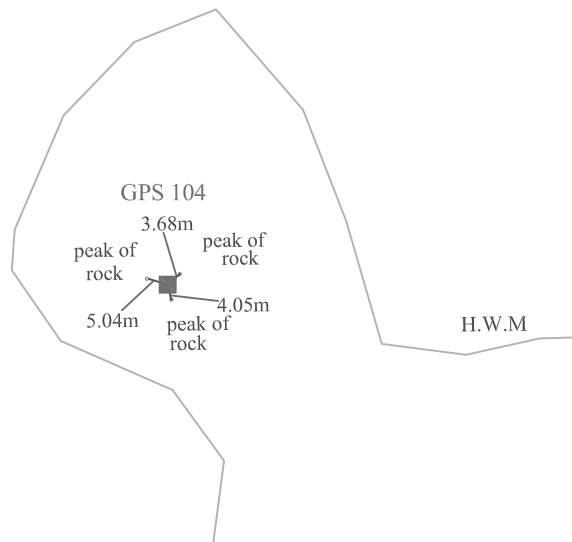
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 104	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°02'48.93854" E57°31'29.36591"
LOCATION	Pointe aux Biches	COORDINATES MGM 2008	554,883.62 mE 7,783,239.53 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	245,843.31 mE 375,305.65 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	999,584.51 mE 1,016,736.55 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	1.264 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	-2.172 m
DATE: 09.05.11			

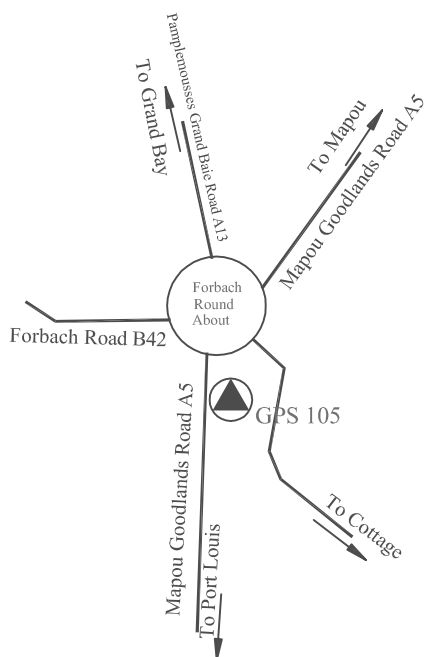
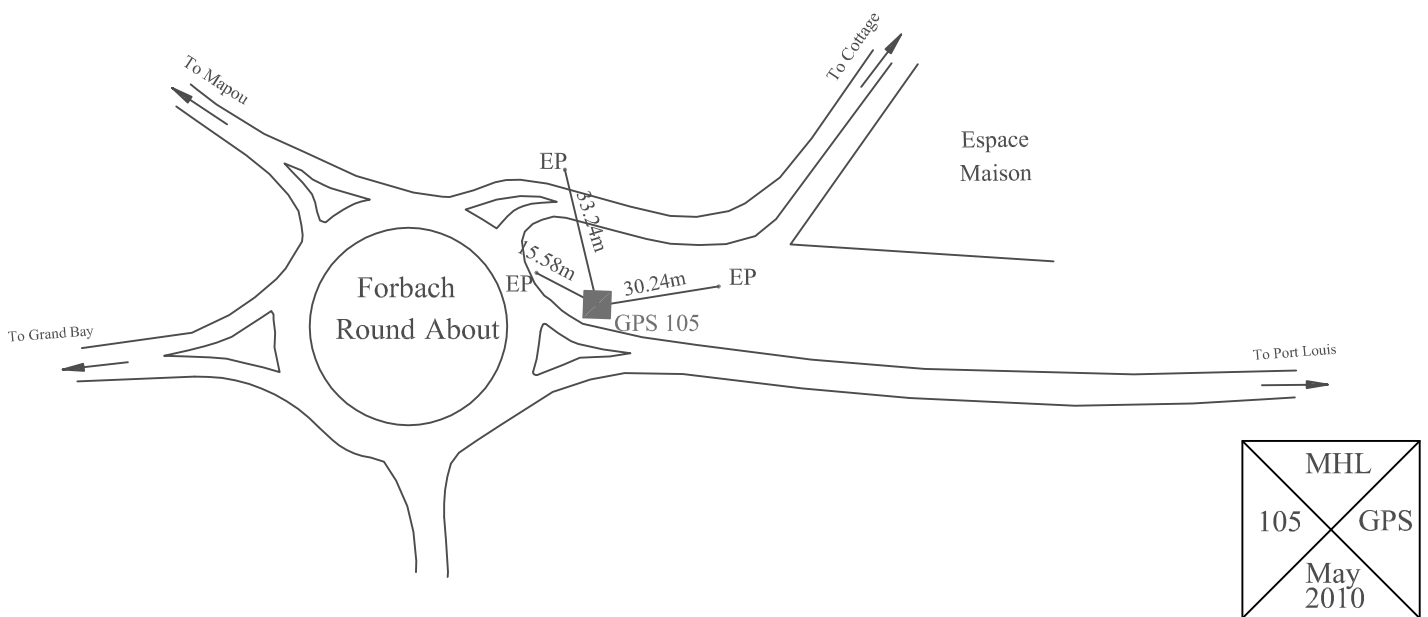
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 105	LATITUDE (d m s) GDM 2008	S20°03'11.49937"
		LONGITUDE (d m s)	E57°36'46.79642"
LOCATION	FORBACH	COORDINATES MGM 2008	564,102.28 mE 7,782,514.61 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	255,067.65 mE 374,611.63 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,008,808.51 mE 1,016,039.80 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	70.835 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	68.402 m
DATE: 09.05.11			

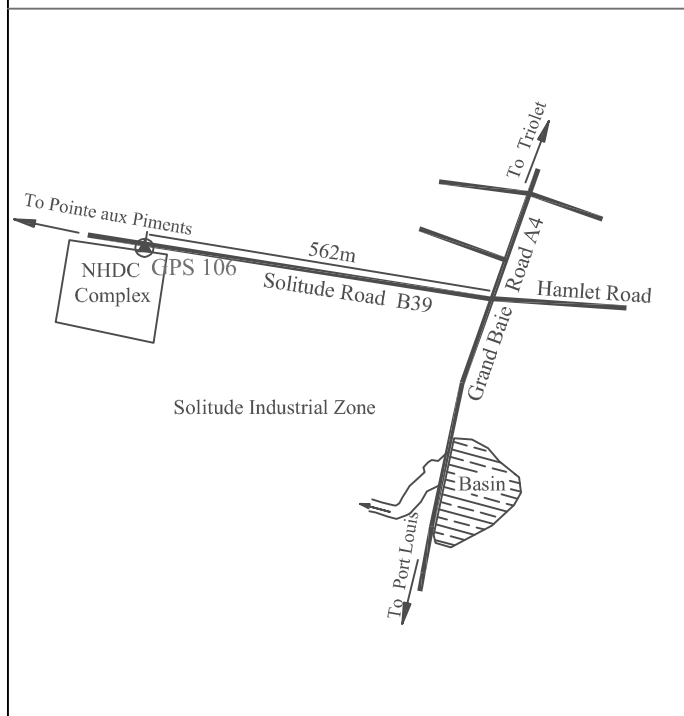
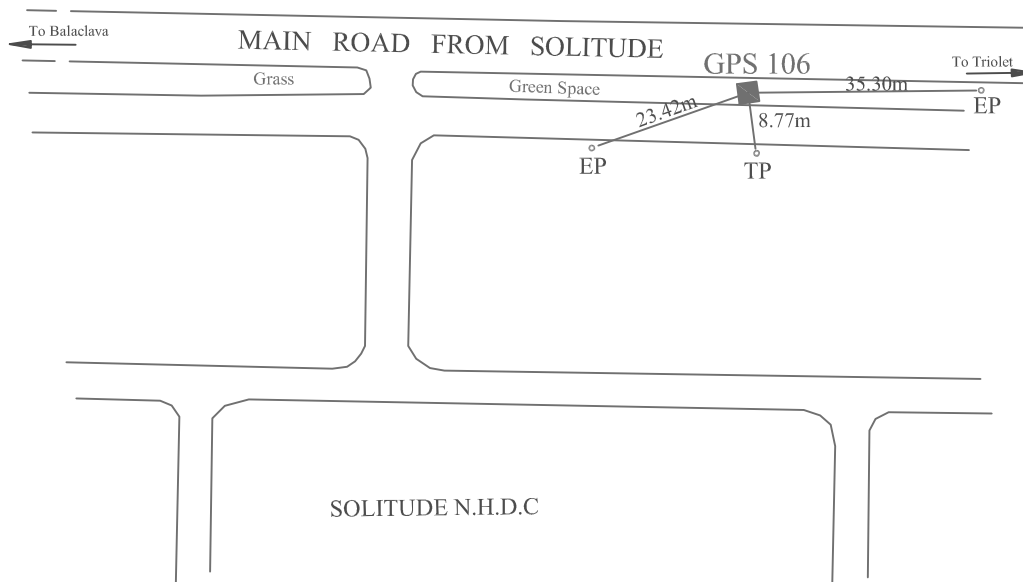
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 106	LATITUDE (d m s) GDM 2008	S20°04'47.42313"
		LONGITUDE (d m s)	E57°32'23.95513"
LOCATION	SOLITUDE IN N.H.D.C YARD	COORDINATES MGM 2008	556,457.63 mE 7,779,592.24 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	247,430.22 mE 371,662.39 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,001,170.30 mE 1,013,092.87 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	29.806 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	26.911 m
		DATE: 09.05.11	

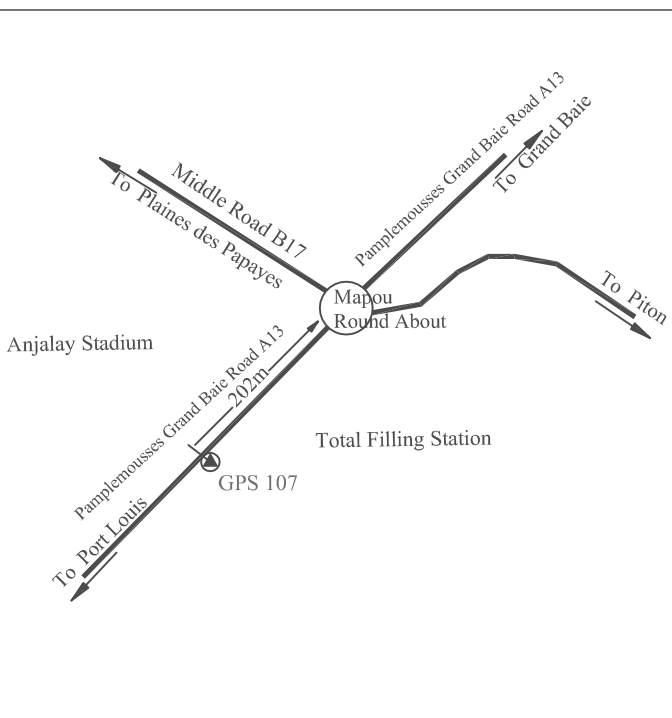
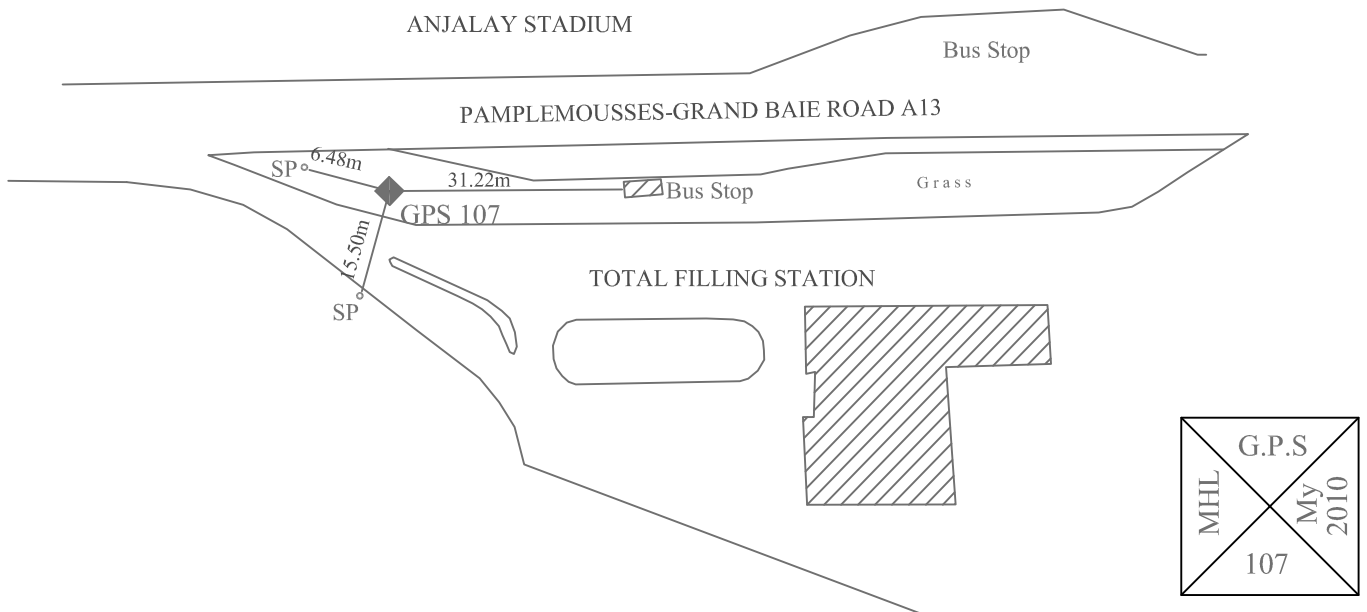
Control Point Sketch



STATION DESCRIPTION

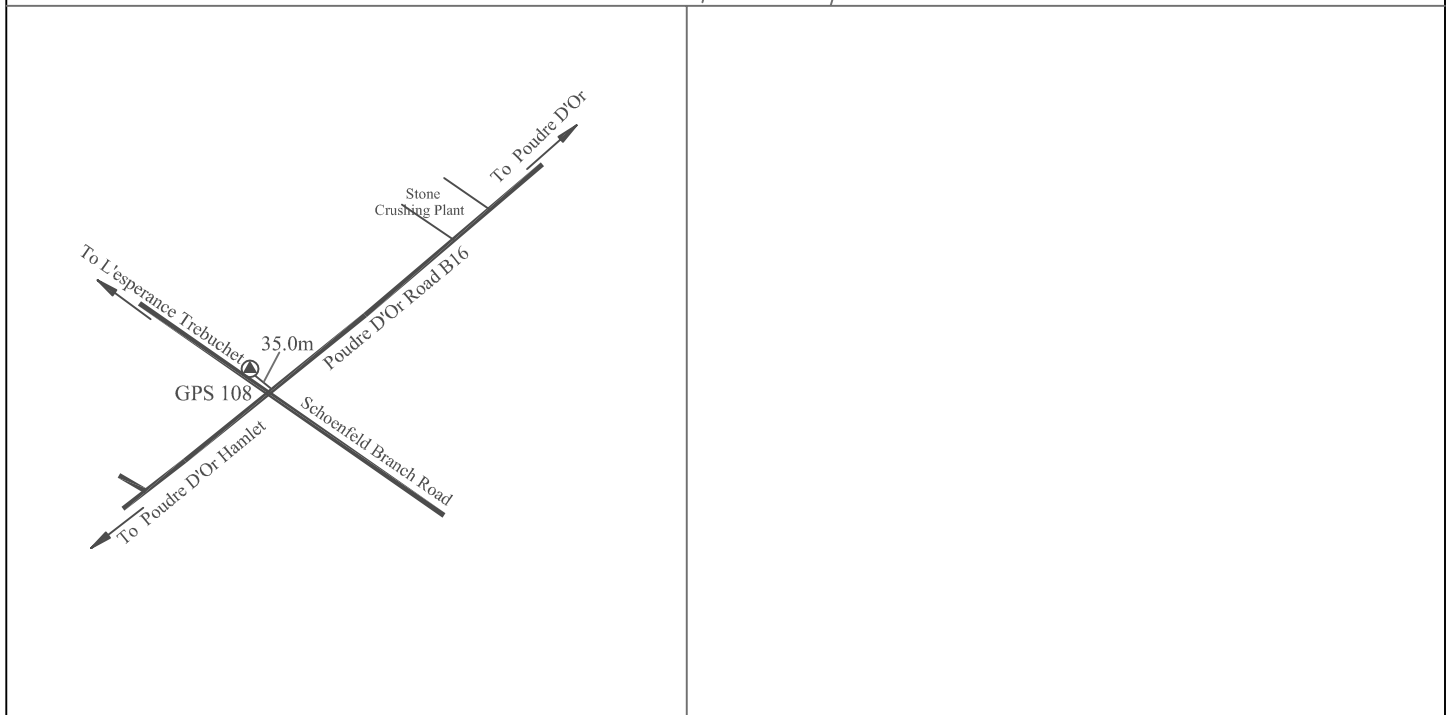
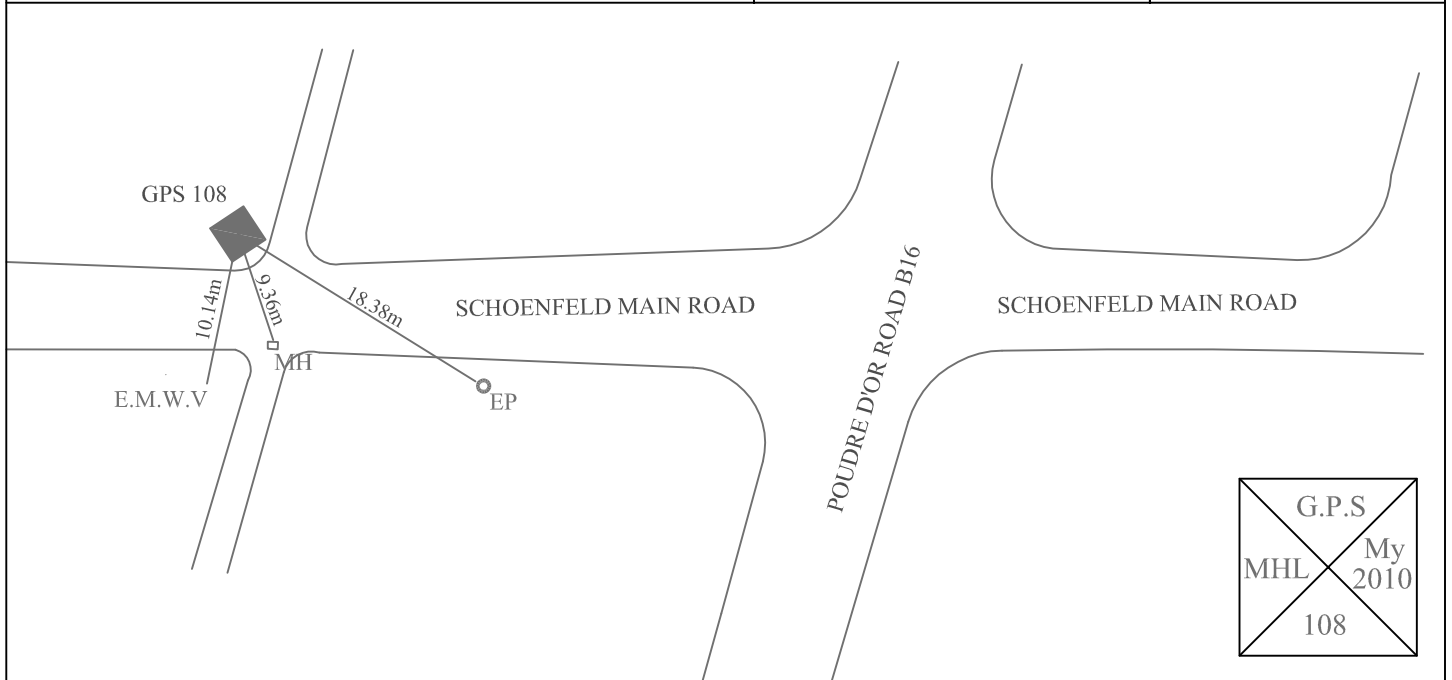
CONTROL POINT ID	GPS 107	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°04'47.64204" E57°36'11.93365"
LOCATION	MAPOU TOTAL FUEL STATION	COORDINATES MGM 2008	563,078.89 mE 7,779,562.83 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	254,053.89 mE 371,655.37 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,007,793.87 mE 1,013,083.86 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	92.873 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	90.435 m
DATE: 09.05.11			

Control Point Sketch



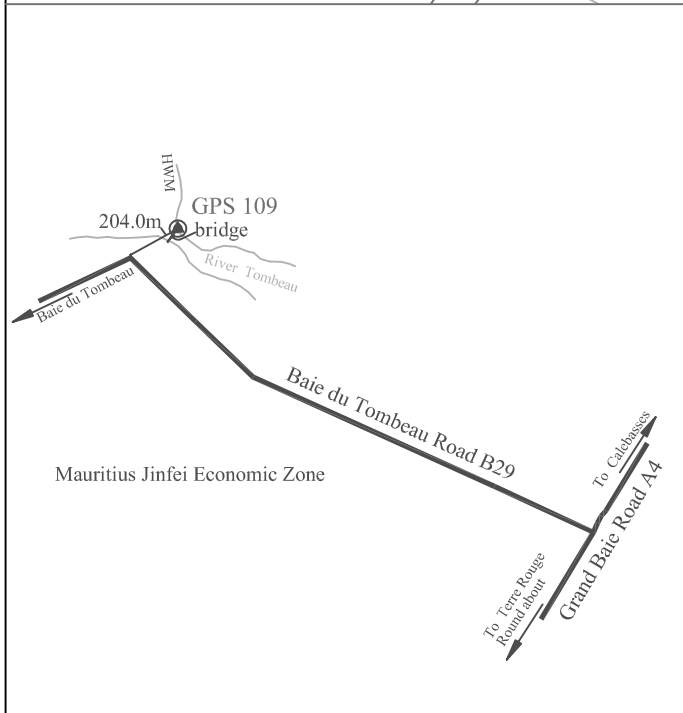
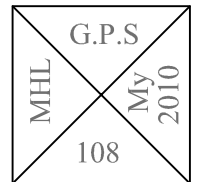
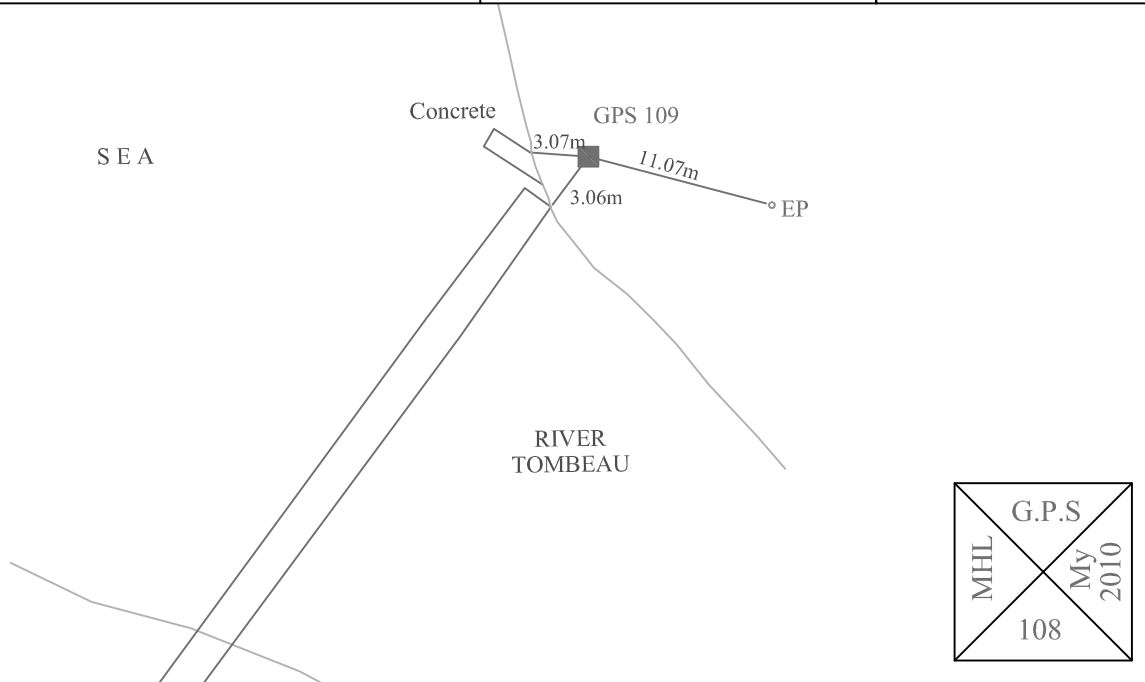
STATION DESCRIPTION

CONTROL POINT ID	GPS 108	LATITUDE (d m s) GDM 2008	S20°04'30.33866"
		LONGITUDE (d m s)	E57°39'38.72557"
LOCATION	SCHOENFELD	COORDINATES MGM 2008	569,086.99 mE 7,780,072.00 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	260,062.31 mE 372,185.02 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,013,802.39 mE 1,013,611.68 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	41.860 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	39.447 m
		DATE: 09.05.11	



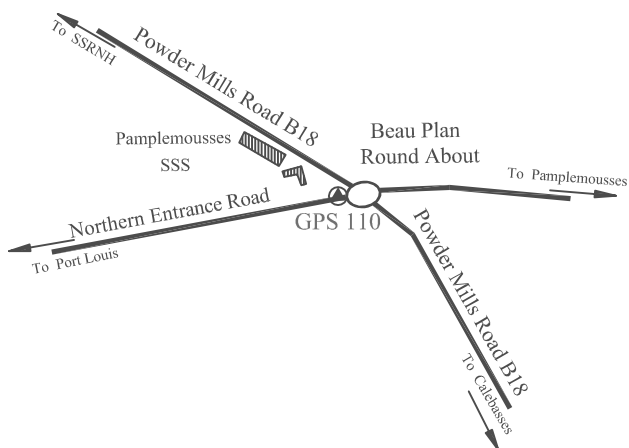
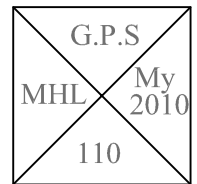
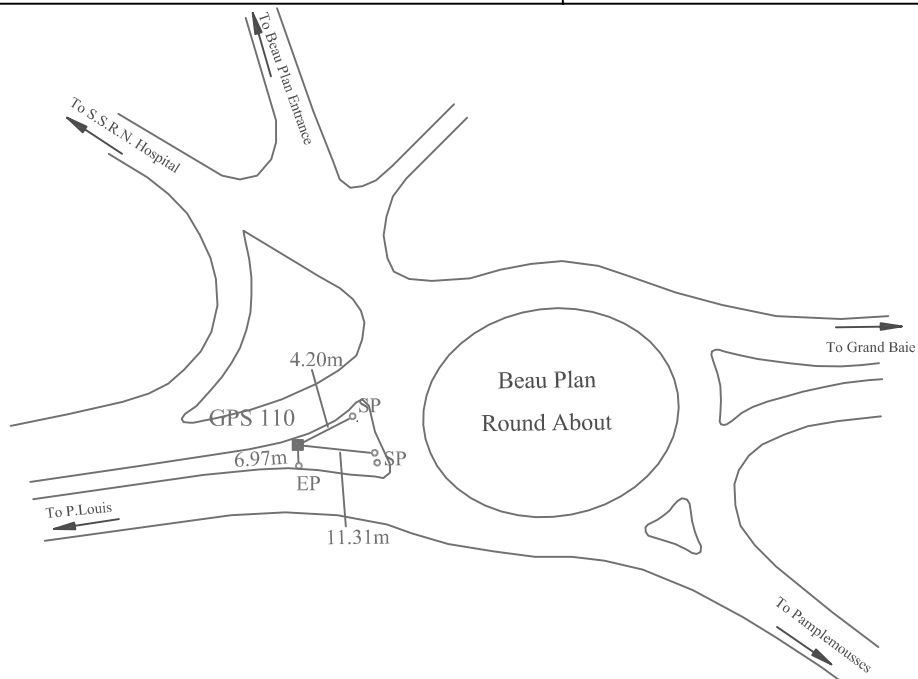
STATION DESCRIPTION

CONTROL POINT ID	GPS 109	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°06'24.62943" E57°31'02.76463"
LOCATION	LE GOULET (Destroyed)	COORDINATES MGM 2008	554,090.32 mE 7,776,611.57 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	245,072.17 mE 368,672.64 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	998,811.36 mE 1,010,103.86 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	0.941 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	-2.009 m
DATE: 09.05.11			



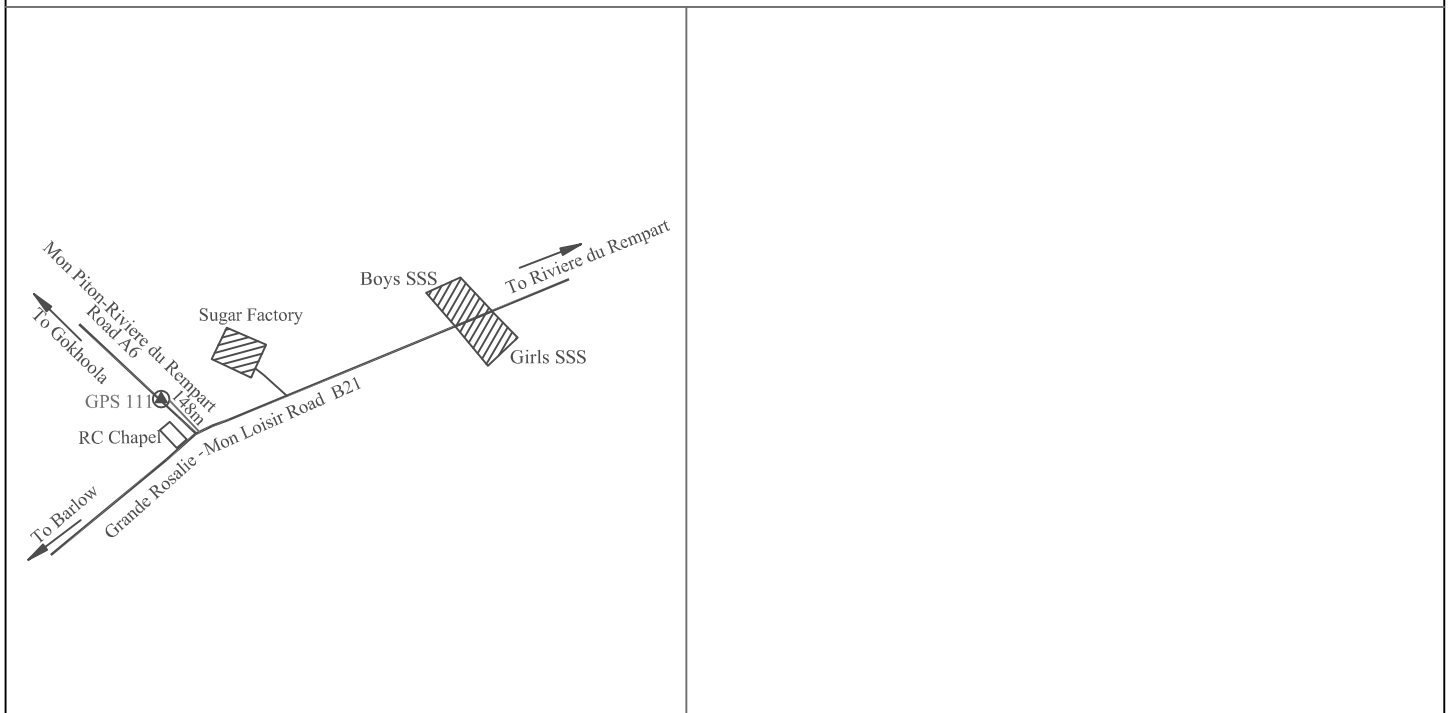
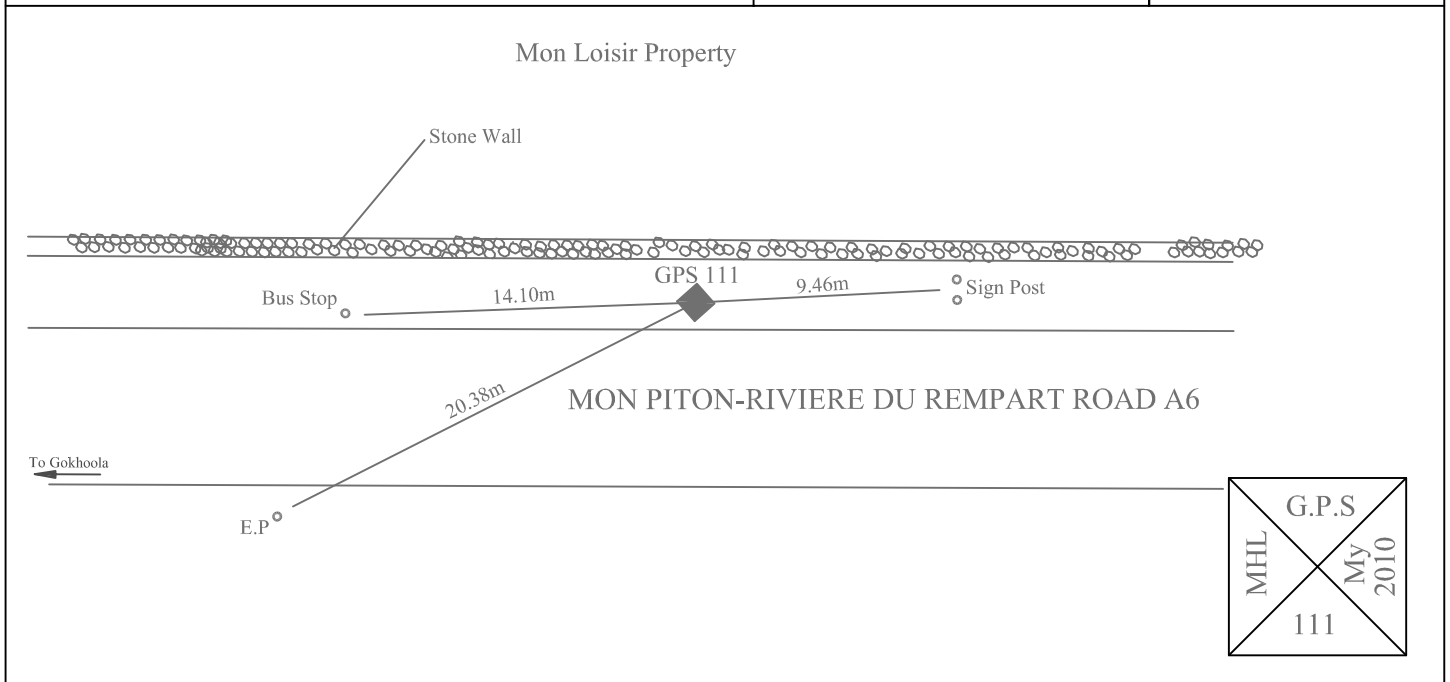
STATION DESCRIPTION

CONTROL POINT ID	GPS 110	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°06'09.32813" E57°34'29.99200"
LOCATION	PAMPLEMOUSSES	COORDINATES MGM 2008	560,109.49 mE 7,777,062.22 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	251,091.93 mE 369,143.84 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,004,831.19 mE 1,010,573.26 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	64.738 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	62.455 m
DATE: 09.05.11			



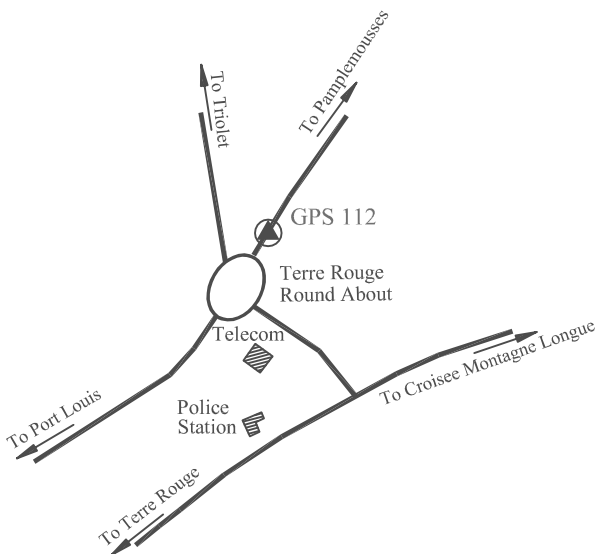
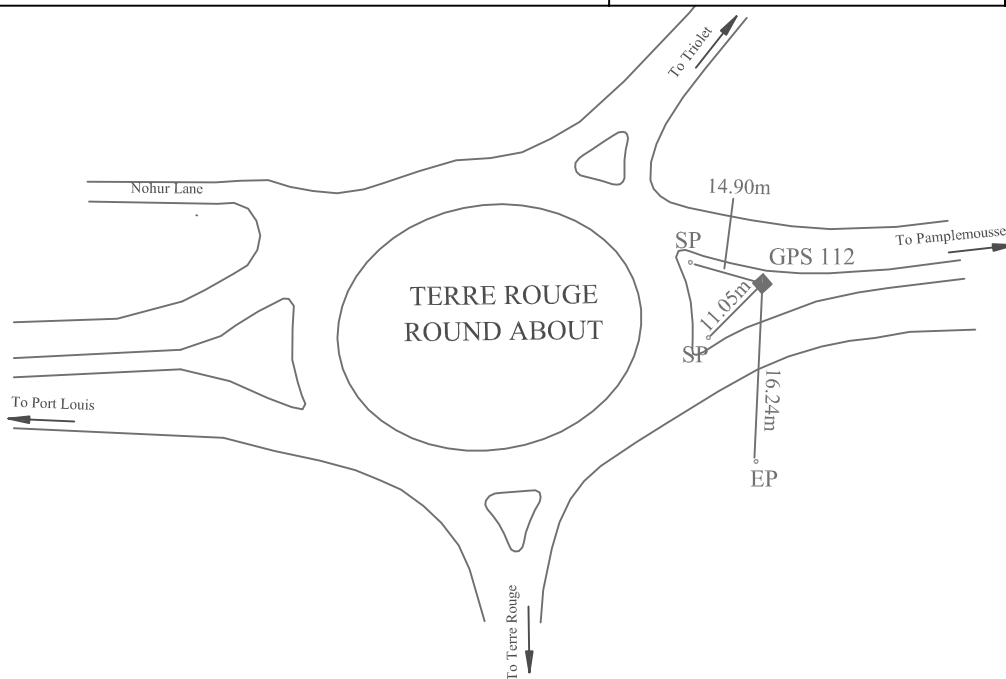
STATION DESCRIPTION

CONTROL POINT ID	GPS 111	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°06'52.76899" E57°40'41.24133"
LOCATION	MON LOISIR	COORDINATES MGM 2008	570,884.94 mE 7,775,686.29 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	261,875.69 mE 367,803.93 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,015,614.43 mE 1,009,230.08 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	69.111 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	66.543 m
DATE: 09.05.11			



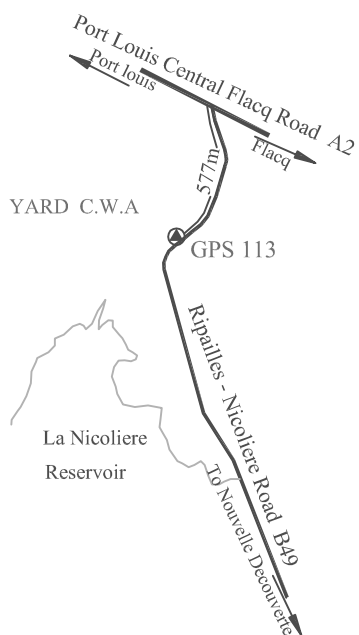
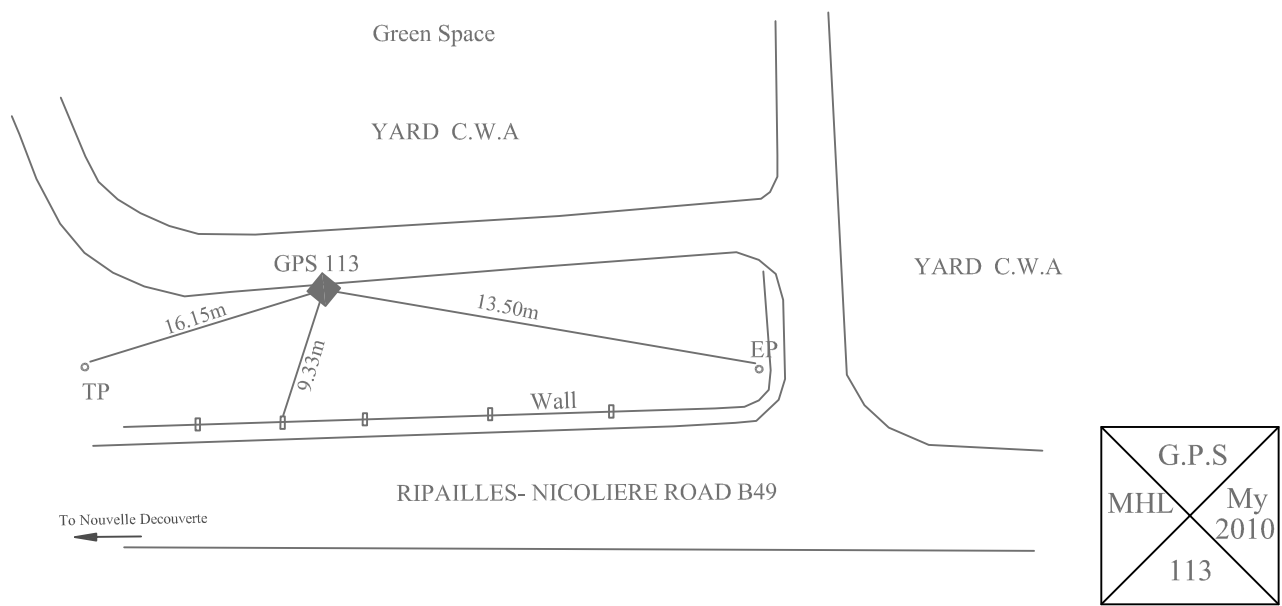
STATION DESCRIPTION

CONTROL POINT ID	GPS 112	LATITUDE (d m s) GDM 2008	S20°07'33.39301"
		LONGITUDE (d m s)	E57°31'56.07552"
LOCATION	TERRE ROUGE	COORDINATES MGM 2008	555,631.62 mE 7,774,492.89 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	246,621.20 mE 366,558.43 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,000,359.73 mE 1,007,989.20 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	44.647 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	41.986 m
		DATE: 09.05.11	



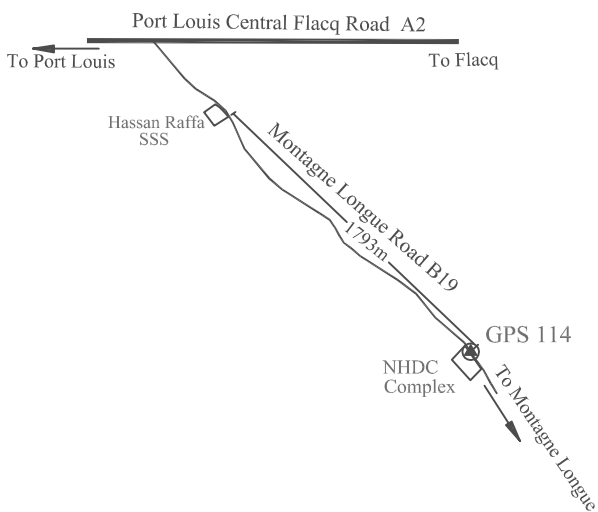
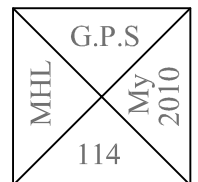
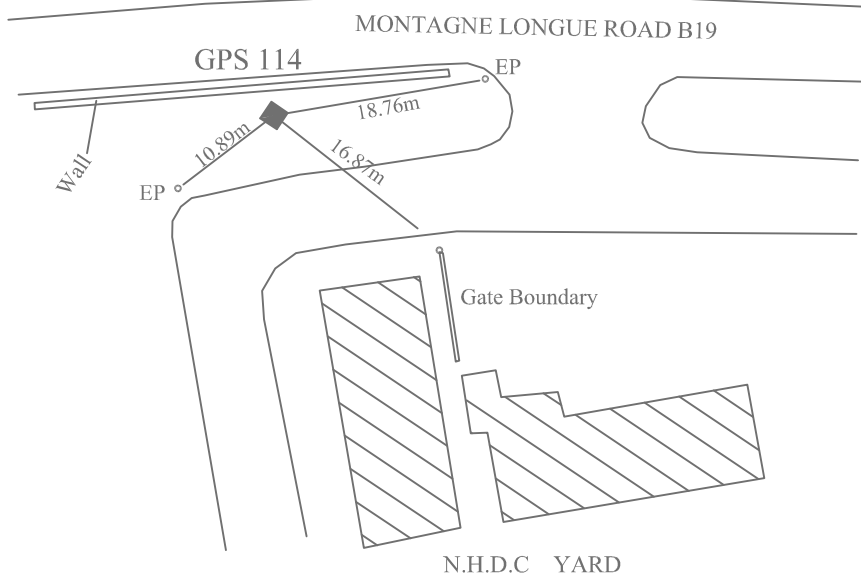
STATION DESCRIPTION

CONTROL POINT ID	GPS 113	LATITUDE (d m s) GDM 2008	S20°08'57.87671"
		LONGITUDE (d m s)	E57°37'07.82226"
LOCATION	NICOLIERE	COORDINATES MGM 2008	564,673.52 mE 7,771,864.51 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	255,675.15 mE 363,959.82 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,009,412.81 mE 1,005,387.91 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	245.597 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	243.503 m
DATE: 09.05.11			



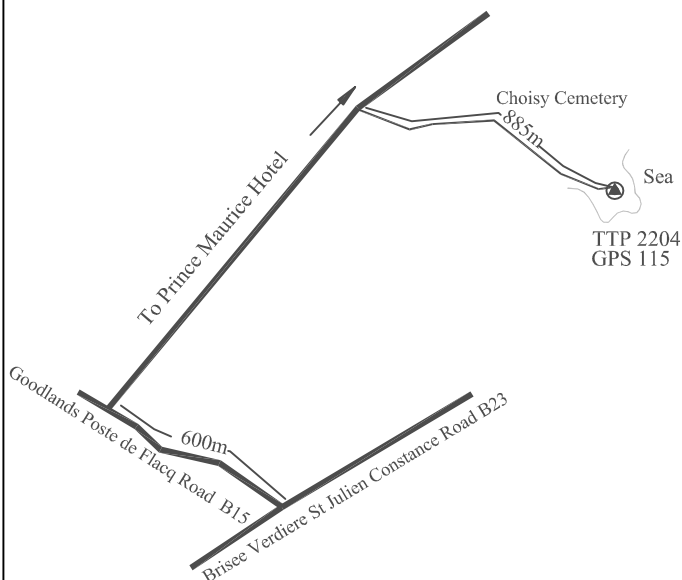
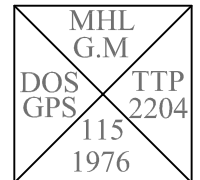
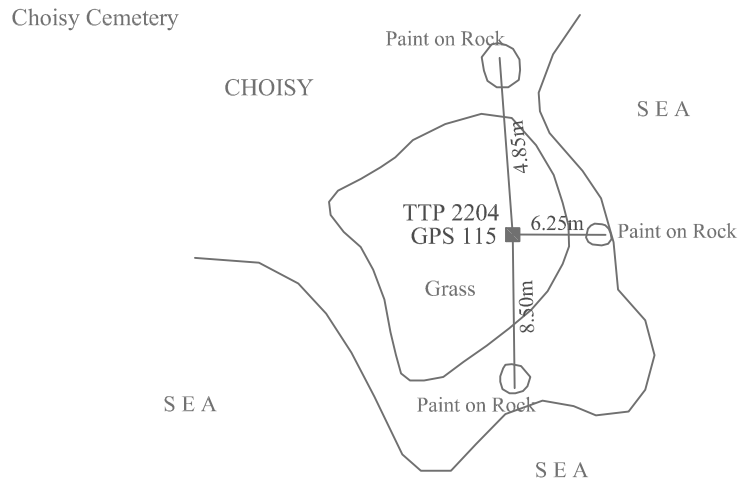
STATION DESCRIPTION

CONTROL POINT ID	GPS 114	LATITUDE (d m s) GDM 2008	S20°08'27.38378"
		LONGITUDE (d m s)	E57°33'19.59528"
LOCATION	NOTRE DAME	COORDINATES MGM 2008	558,051.07 mE 7,772,825.26 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	249,047.16 mE 364,898.43 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,002,785.16 mE 1,006,328.50 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	115.381 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	112.972 m
DATE: 09.05.11			



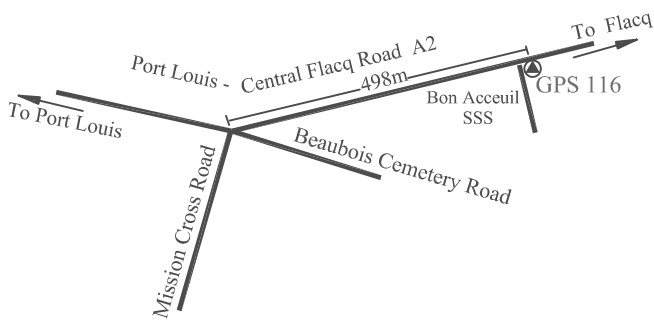
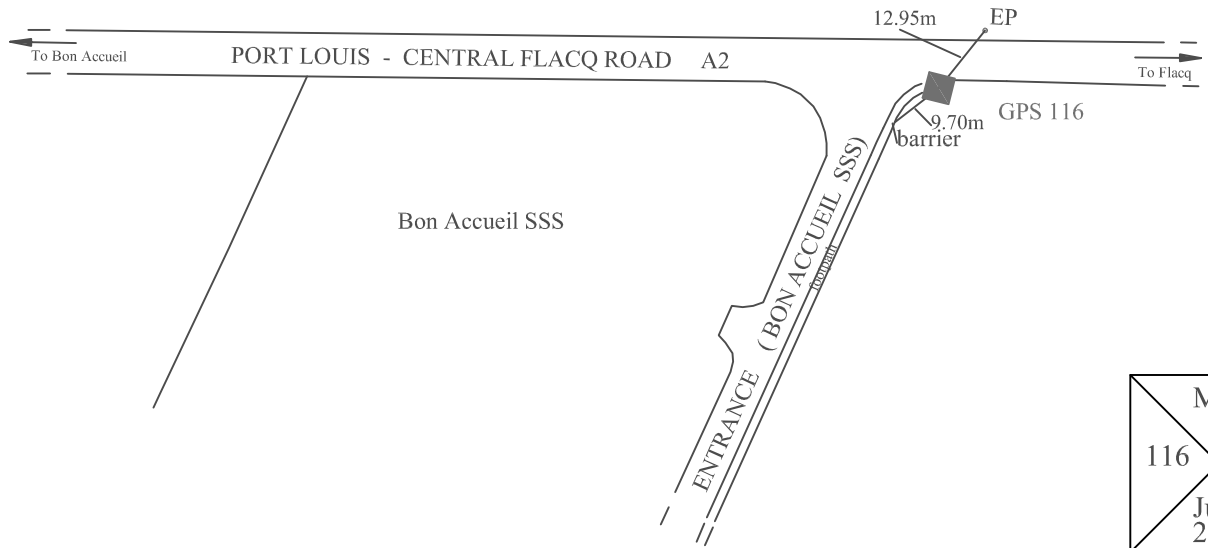
STATION DESCRIPTION

CONTROL POINT ID	GPS 115 / TTP2204	LATITUDE (d m s) GDM 2008	S20°09'19.66849"
		LONGITUDE (d m s)	E57°44'56.41351"
LOCATION	CHOISY - CEMETRY (POSTE DE FLACQ)	COORDINATES MGM 2008	578,274.21 mE 7,771,138.66 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	269,282.75 mE 363,279.88 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,023,020.07 mE 1,004,703.83 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	1.698 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	-1.638 m
DATE: 09.05.11			



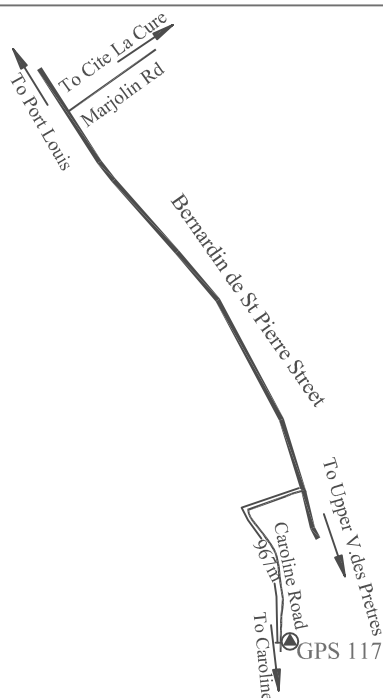
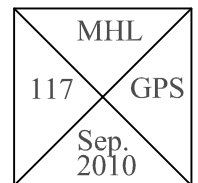
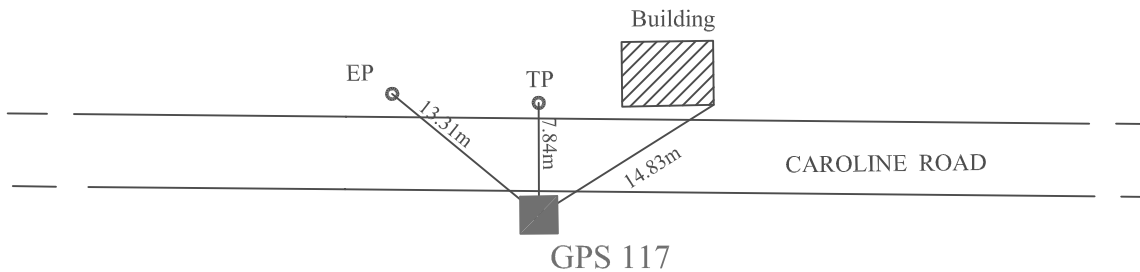
STATION DESCRIPTION

CONTROL POINT ID	GPS 116	LATITUDE (d m s) GDM 2008	S20°10'25.89009"
		LONGITUDE (d m s)	E57°40'36.91785"
LOCATION	BON ACCUEIL	COORDINATES MGM 2008	570,732.74 mE 7,769,135.23 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	261,745.65 mE 361,250.21 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,015,482.43 mE 1,002,676.51 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	128.035 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	125.185 m
		DATE: 09.05.11	



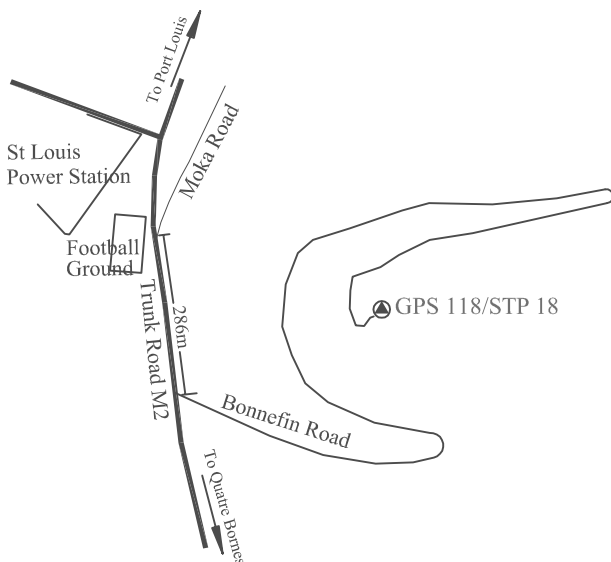
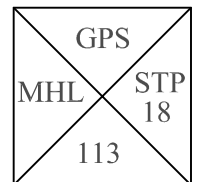
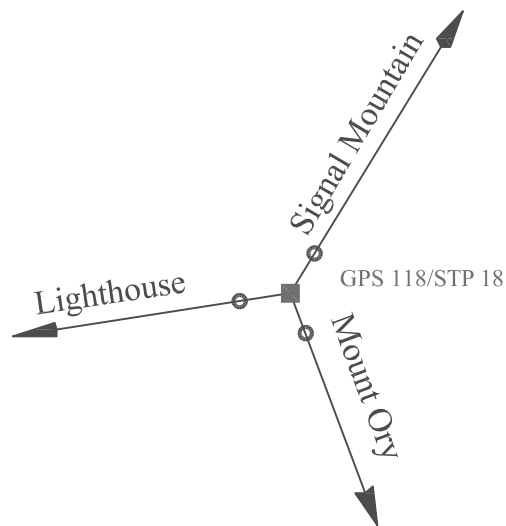
STATION DESCRIPTION

CONTROL POINT ID	GPS 117 (Destroyed)	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°10'42.53188" E57°32'17.36493"
LOCATION	VALLEE DES PRETRES (Destroyed)	COORDINATES MGM 2008	556,230.94 mE 7,768,676.68 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	247,240.49 mE 360,742.21 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,000,977.29 mE 1,002,172.87 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	106.087 m (EGM 2008 Geoid)
REMARKS: Destroyed		ELLIPSOIDAL HEIGHT	103.780 m
DATE: 09.05.11			



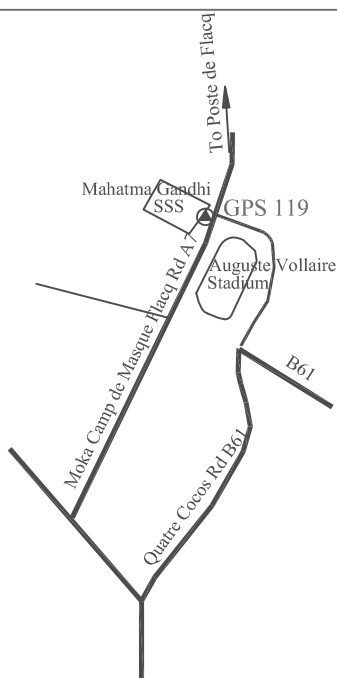
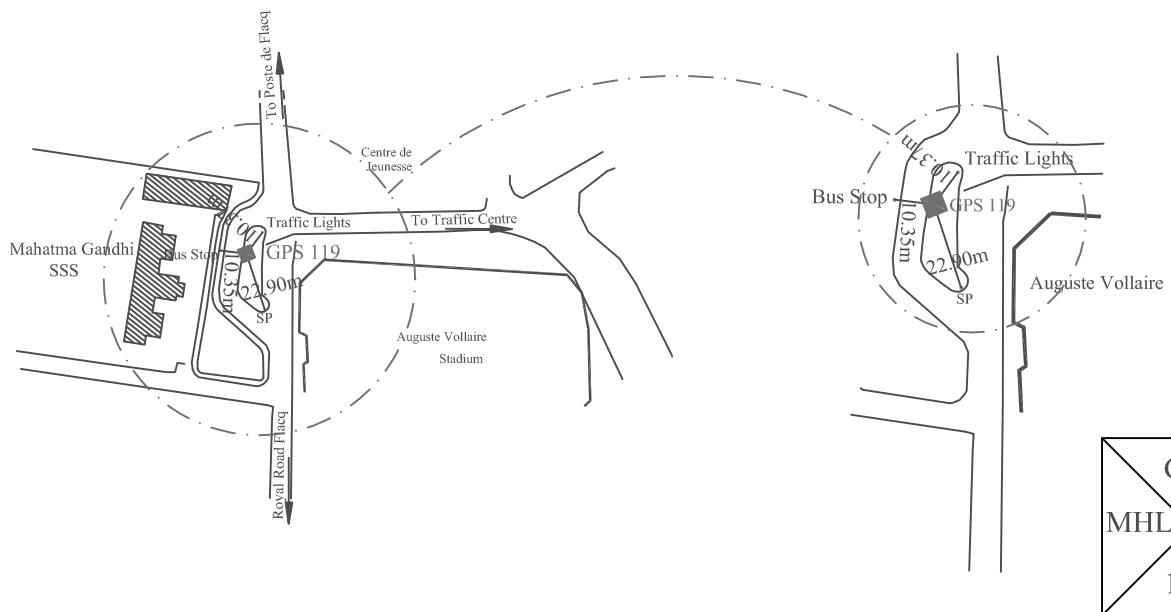
STATION DESCRIPTION

CONTROL POINT ID	GPS 118 / STP 18	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°10'49.36956" E57°29'06.39844"
LOCATION	PAILLES HILL	COORDINATES MGM 2008	550,687.52 mE 7,768,483.56 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	241,695.77 mE 360,530.17 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	995,432.51 mE 1,001,962.43 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	225.100 m (Trig Ht)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	221.993 m
DATE: 09.05.11			



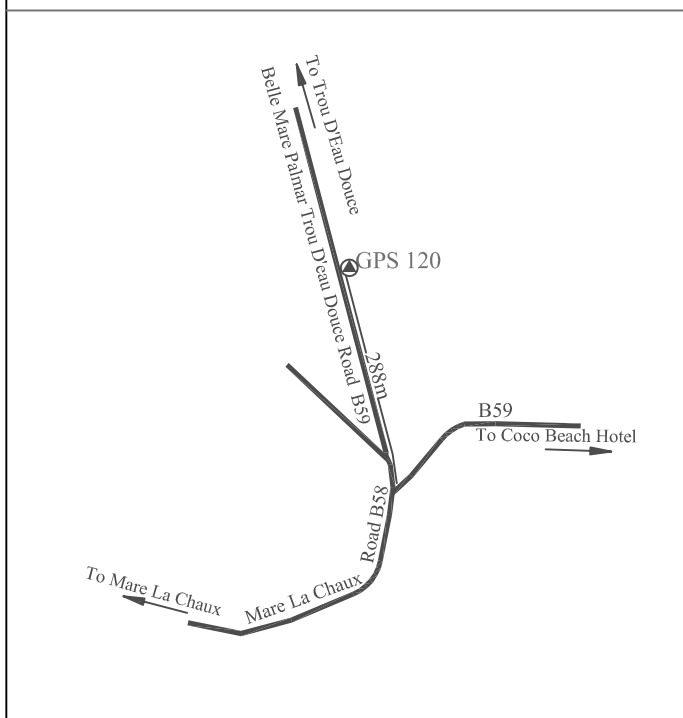
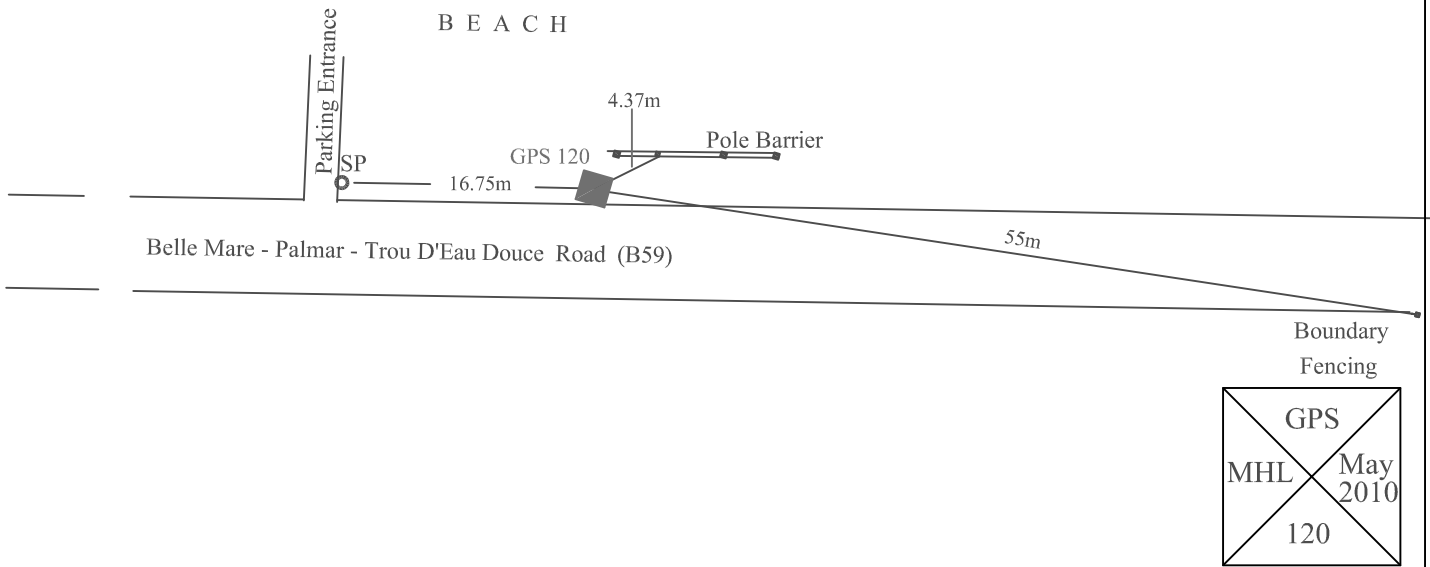
STATION DESCRIPTION

CONTROL POINT ID	GPS 119	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°11'12.01282" E57°43'26.07692"
LOCATION	FLACQ	COORDINATES MGM 2008	575,636.68 mE 7,767,696.65 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	266,656.06 mE 359,827.83 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,020,392.36 mE 1,001,252.66 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	36.878 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	34.933 m
DATE: 09.05.11			



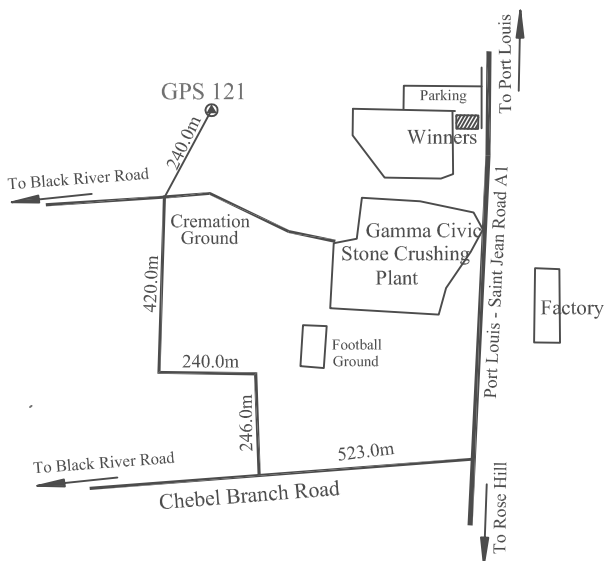
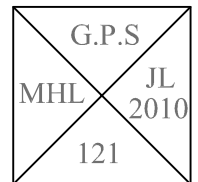
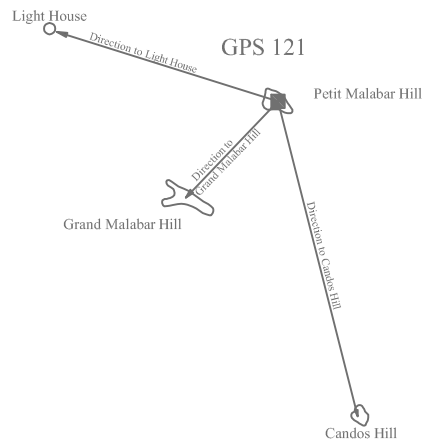
STATION DESCRIPTION

CONTROL POINT ID	GPS 120	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°11'39.50829" E57°46'28.39391"
LOCATION	BELLE MARE	COORDINATES MGM 2008	580,924.39 mE 7,766,827.52 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	271,948.39 mE 358,976.39 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,025,684.31 mE 1,000,399.72 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	4.179 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	1.168 m
DATE: 09.05.11			



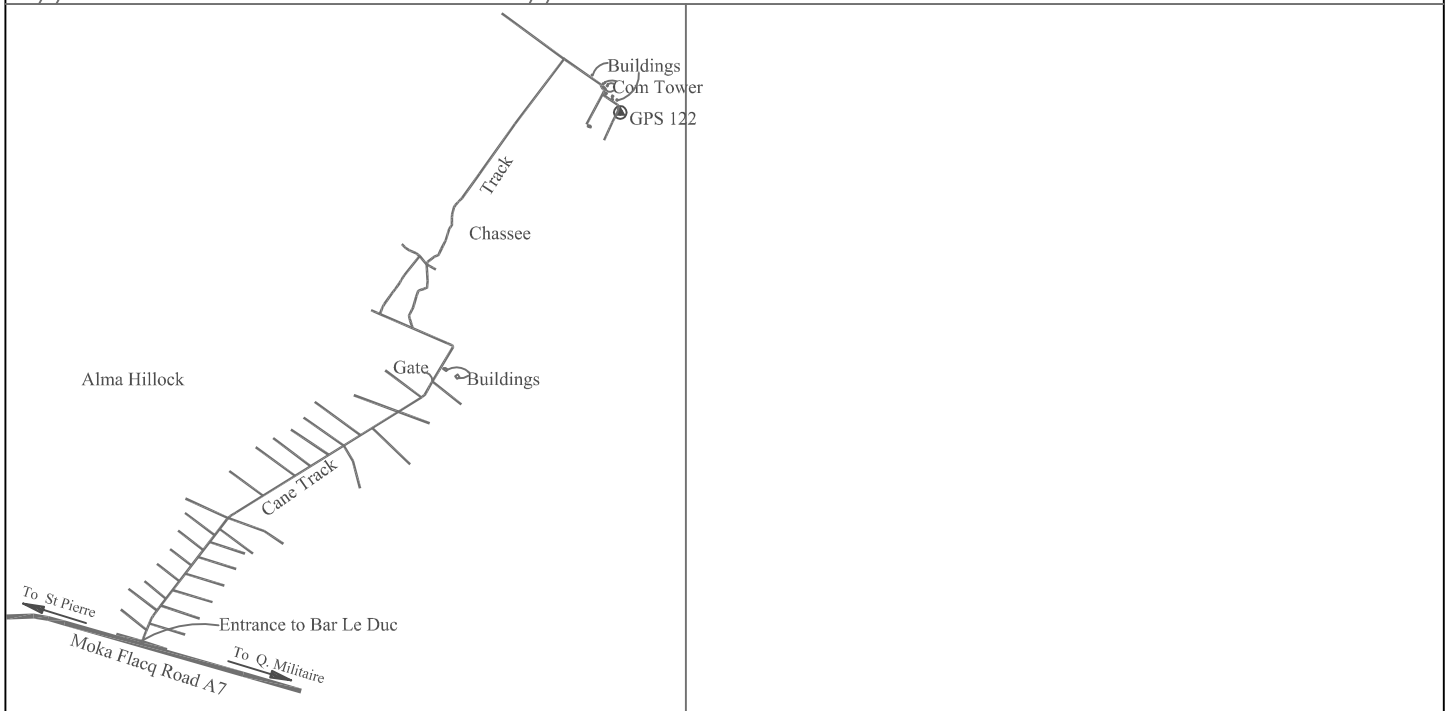
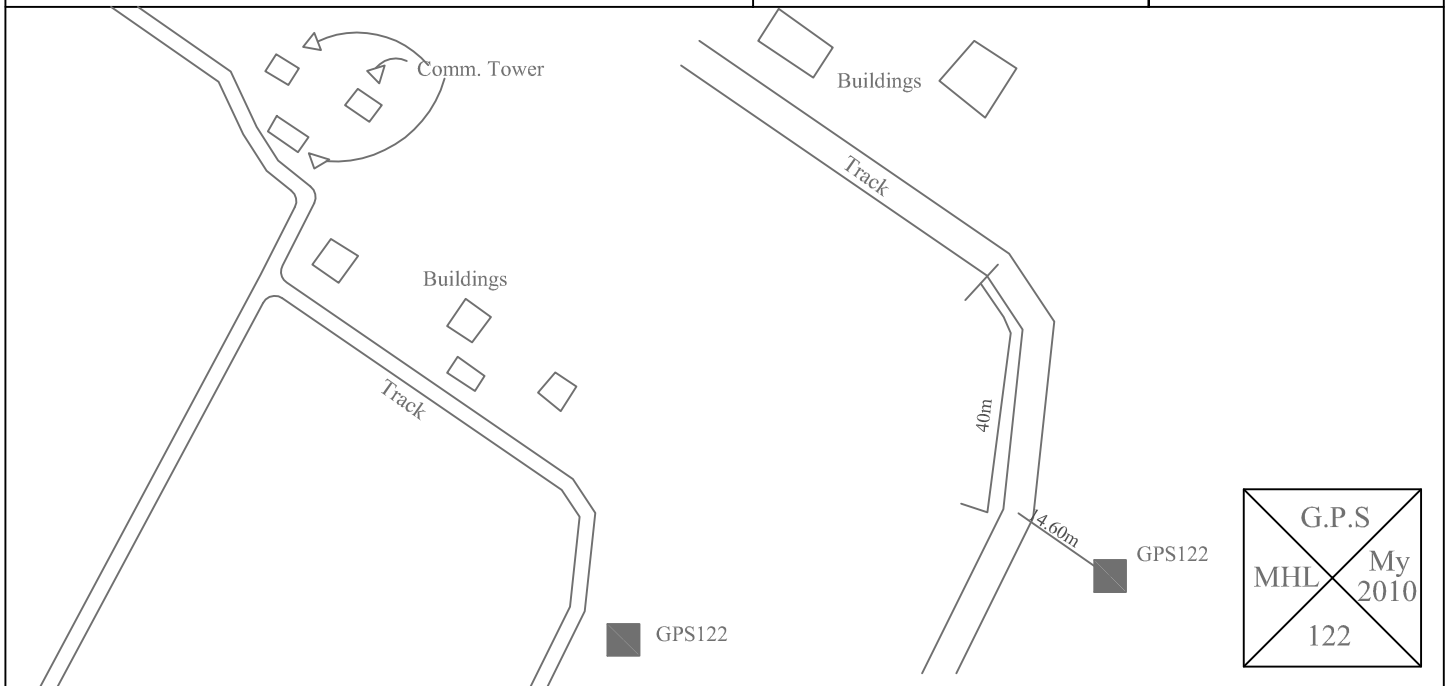
STATION DESCRIPTION

CONTROL POINT ID	GPS 121	LATITUDE (d m s) GDM 2008	S20°12'23.42113"
		LONGITUDE (d m s)	E57°27'48.65974"
LOCATION	PETIT MALABAR	COORDINATES MGM 2008	548,423.12 mE 7,765,598.83 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	239,440.37 mE 357,636.69 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	993,176.38 mE 999,069.74 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	226.799 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	223.716 m
DATE: 09.05.11			



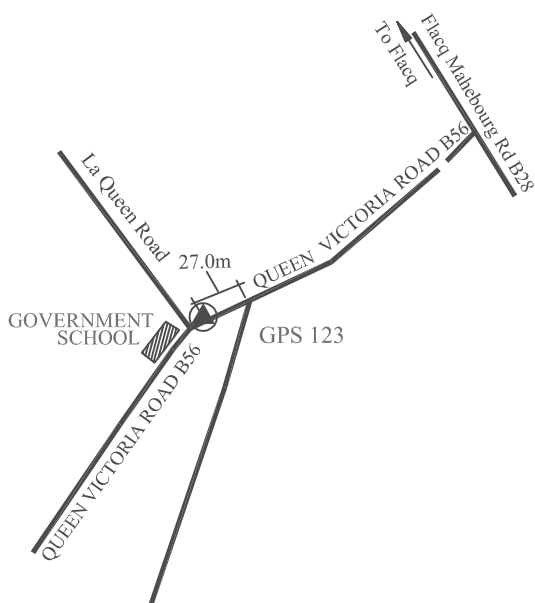
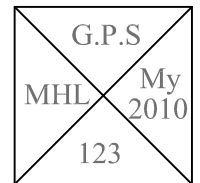
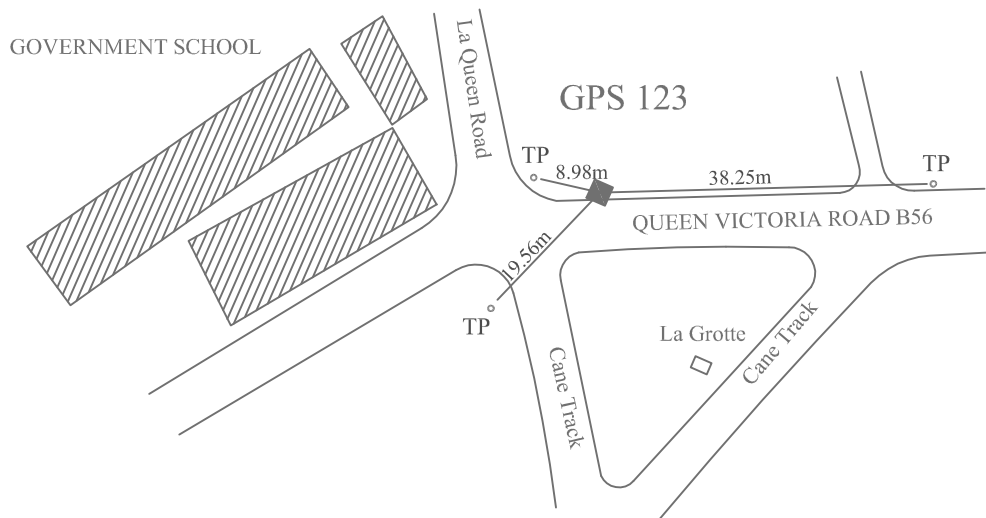
STATION DESCRIPTION

CONTROL POINT ID	GPS 122/ STP 28	LATITUDE (d m s) GDM 2008	S20°12'29.69871"
		LONGITUDE (d m s)	E57°35'20.39599"
LOCATION	BAR LE DUC	COORDINATES MGM 2008	561,531.76 mE 7,765,364.26 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	252,554.42 mE 357,446.68 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,006,290.20 mE 998,875.73 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	590.80 m (Trig Ht)
REMARKS: Brass Bolt in Concrete slab, good condition Permission to be seeked from ENL Agri Ltd		ELLIPSOIDAL HEIGHT	598.013 m
		DATE: 09.05.11	



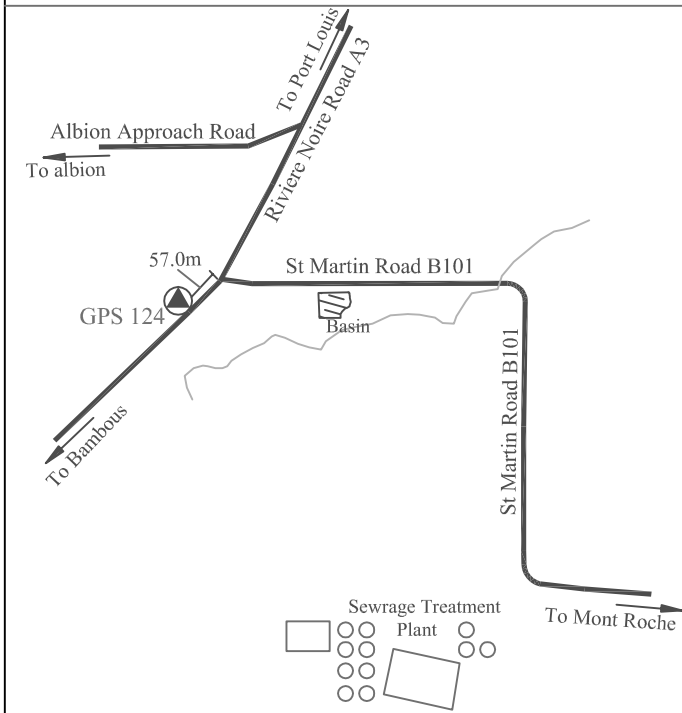
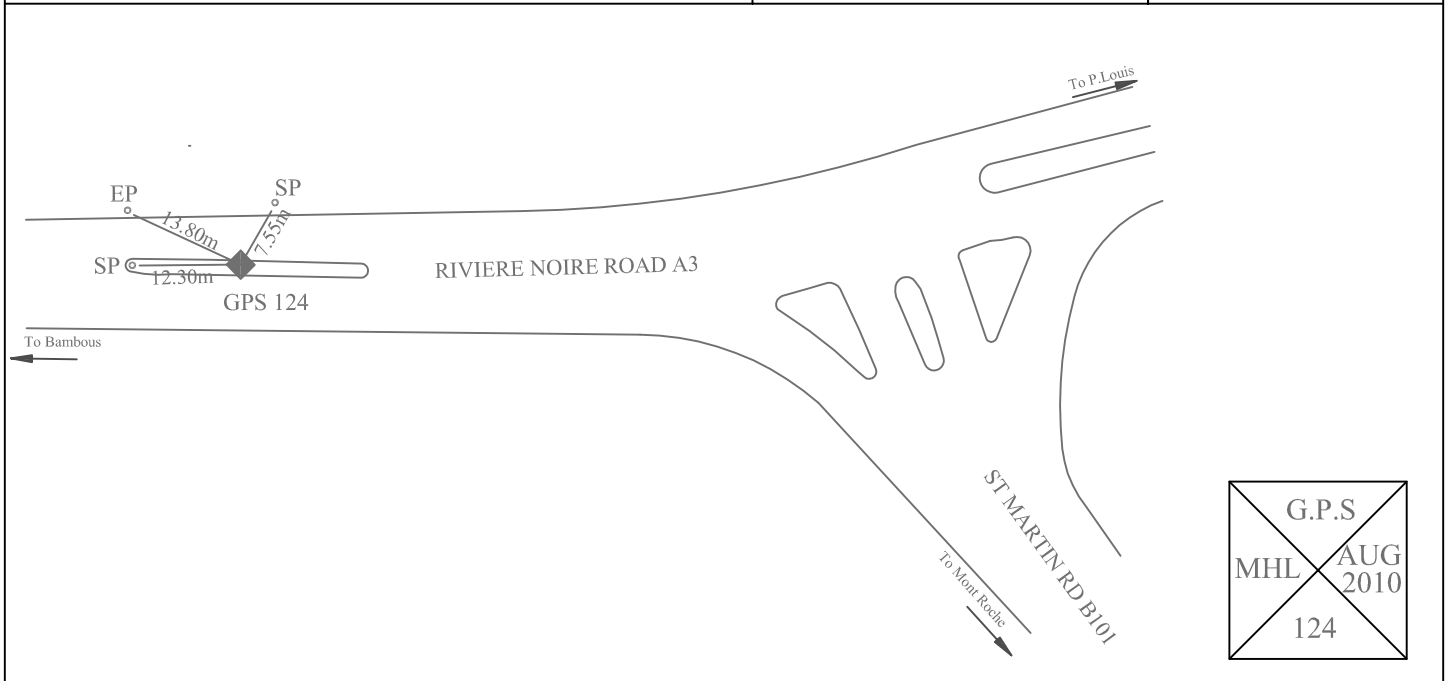
STATION DESCRIPTION

CONTROL POINT ID	GPS 123	LATITUDE (d m s) GDM 2008	S20°13'08.18883"
		LONGITUDE (d m s)	E57°42'52.99656"
LOCATION	QUEEN VICTORIA	COORDINATES MGM 2008	574,661.15 mE 7,764,129.40 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	265,692.37 mE 356,256.11 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,019,427.55 mE 997,681.37 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	117.113 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	111.631 m
DATE: 09.05.11			



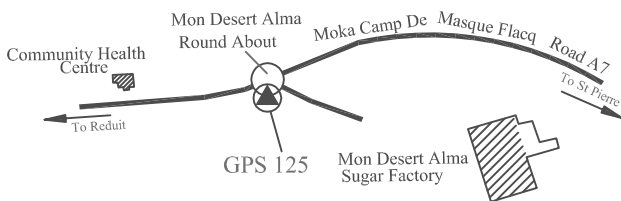
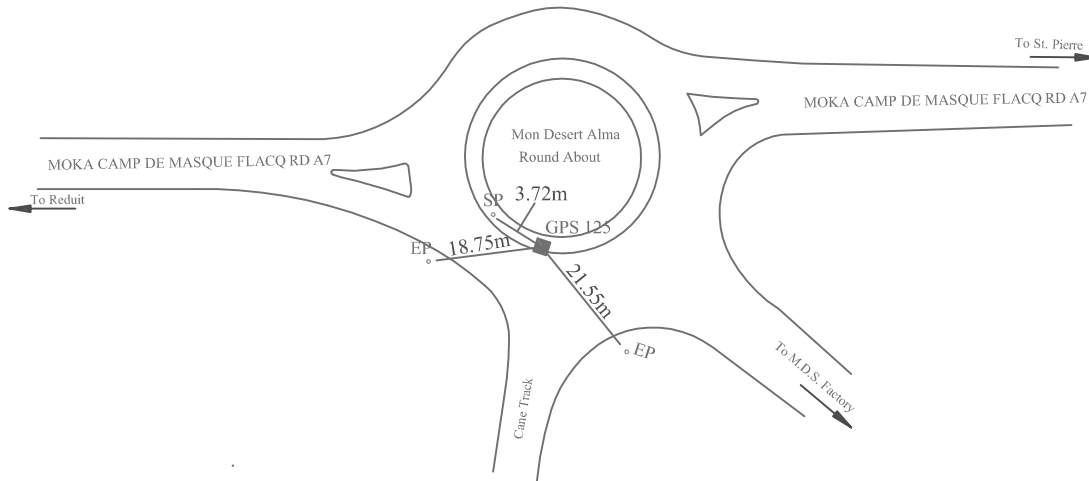
STATION DESCRIPTION

CONTROL POINT ID	GPS 124	LATITUDE (d m s) GDM 2008	S20°13'29.18672"
		LONGITUDE (d m s)	E57°25'43.06727"
LOCATION	CANOT	COORDINATES MGM 2008	544,773.25 mE 7,763,586.98 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	235,796.03 mE 355,611.68 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	989,531.58 mE 997,045.91 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	127.248m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	123.913m
DATE: 09.05.11			



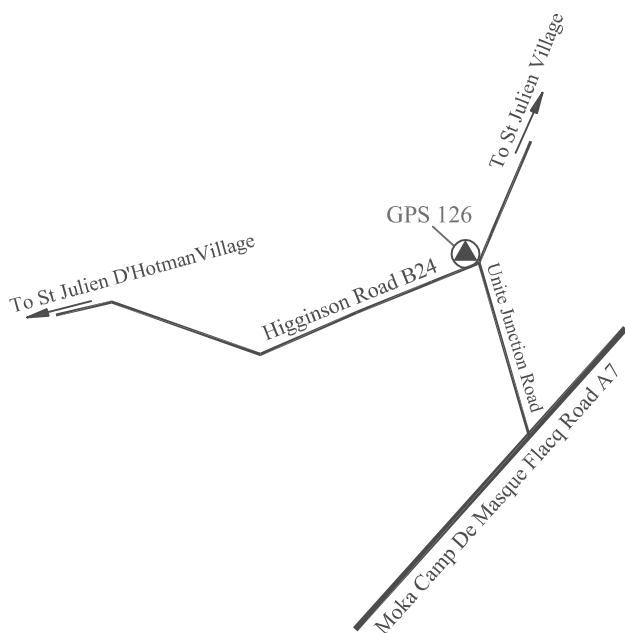
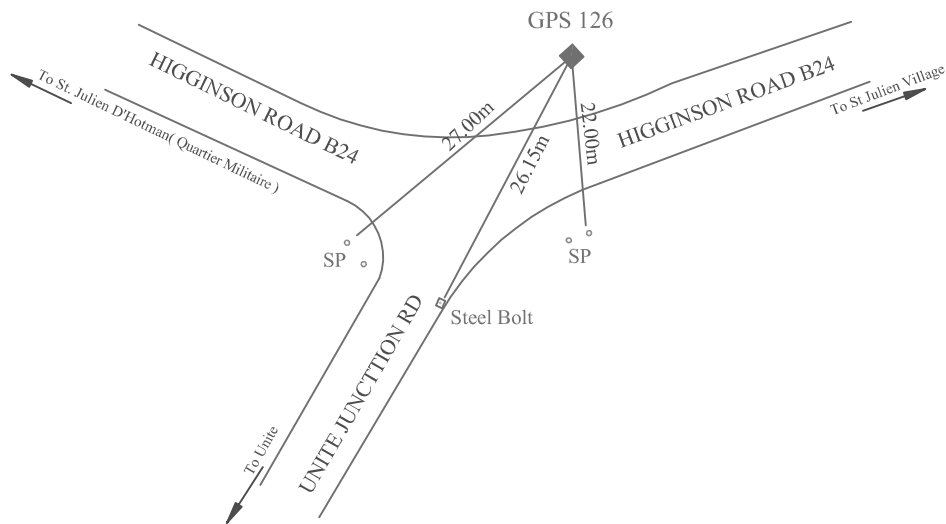
STATION DESCRIPTION

CONTROL POINT ID	GPS 125	LATITUDE (d m s) GDM 2008	S20°13'25.67385"
		LONGITUDE (d m s)	E57°31'49.97429"
LOCATION	ST PIERRE	COORDINATES MGM 2008	555,419.89 mE 7,763,664.16 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	246,446.22 mE 355,725.17 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,000,181.57 mE 997,156.13 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	382.368 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	380.387 m
		DATE: 09.05.11	



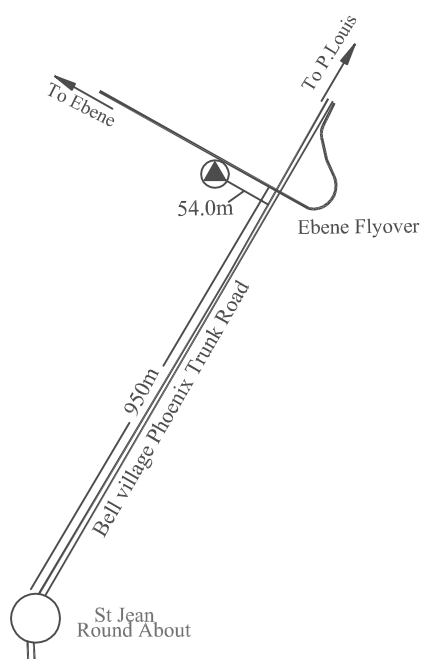
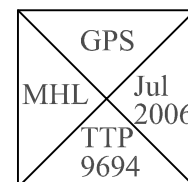
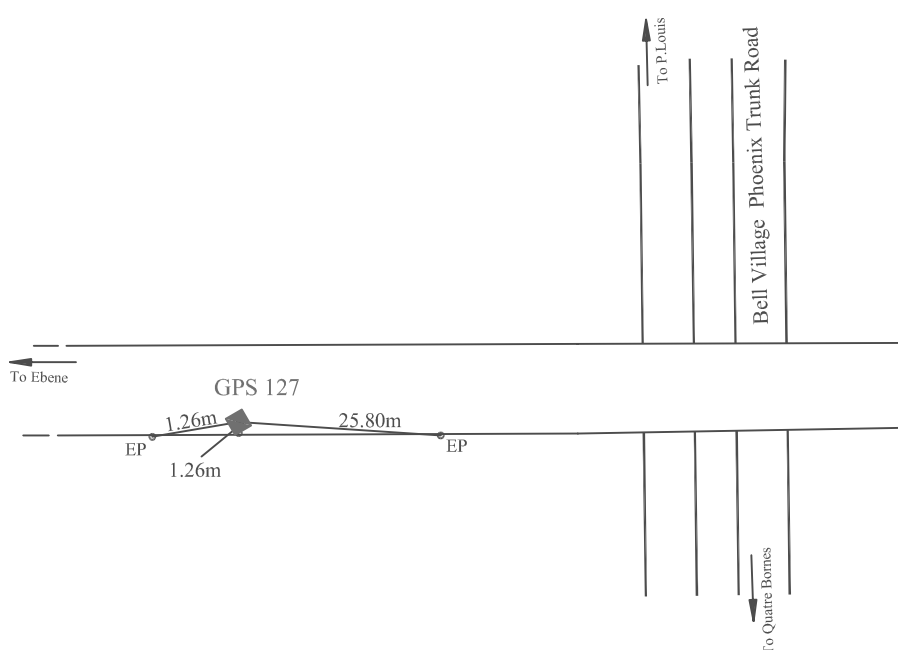
STATION DESCRIPTION

CONTROL POINT ID	GPS 126	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°13'32.76654" E57°40'15.69496"
LOCATION	L'UNITE	COORDINATES MGM 2008	570,093.48 mE 7,763,392.93 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	261,125.72 mE 355,503.84 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,014,860.77 mE 996,930.46 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	223.419 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	220.637 m
DATE: 09.05.11			



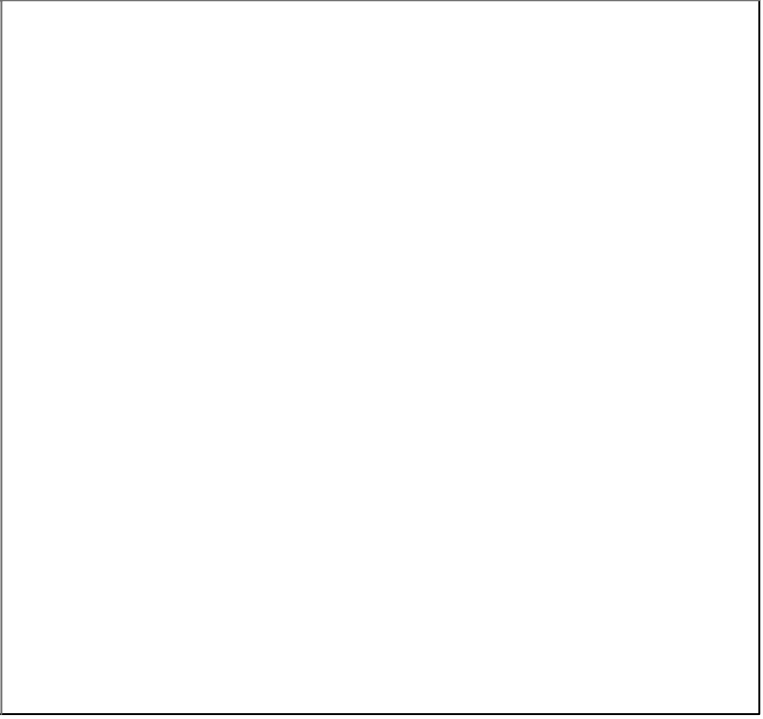
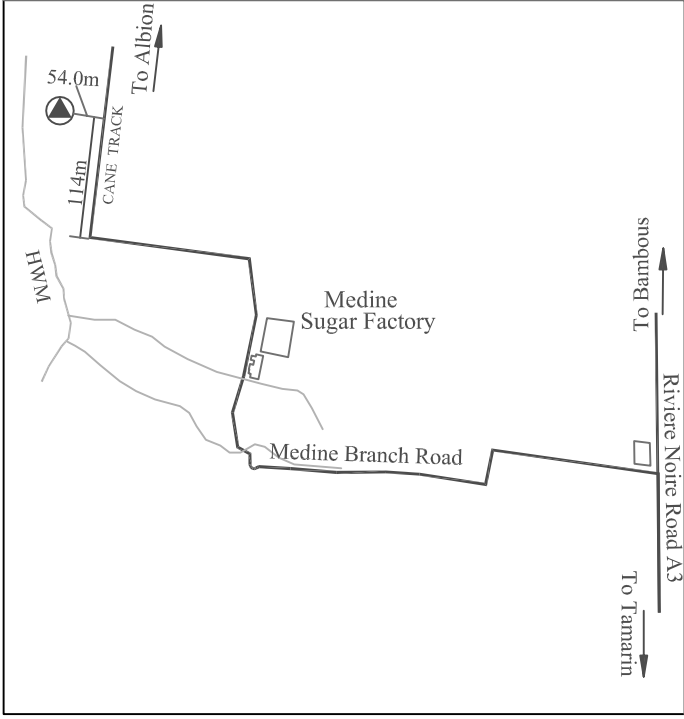
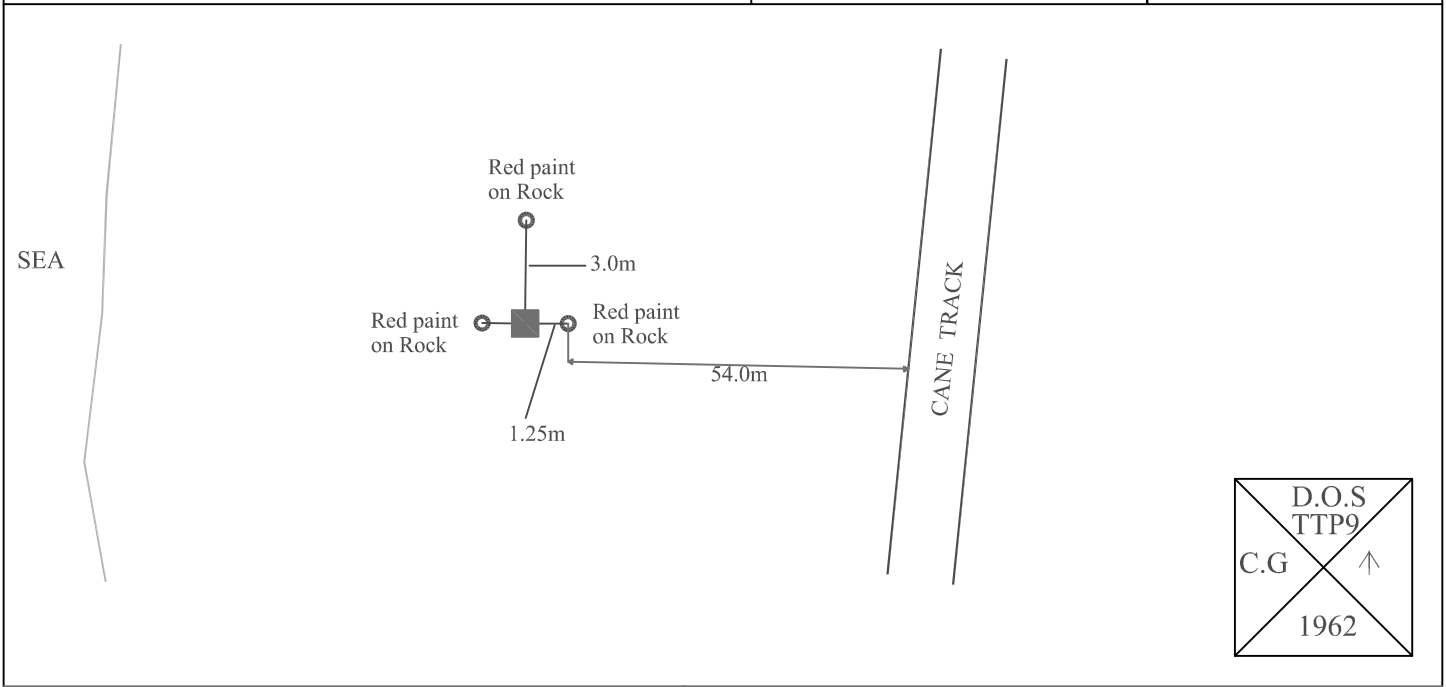
STATION DESCRIPTION

CONTROL POINT ID	GPS 127	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°14'56.28405" E57°29'34.64159"
LOCATION	EBENE FLYOVER	COORDINATES MGM 2008	551,484.70 mE 7,760,890.87 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	242,519.10 mE 352,937.49 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	996,253.74 mE 994,369.68 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	321.939 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	319.681 m
DATE: 09.05.11			



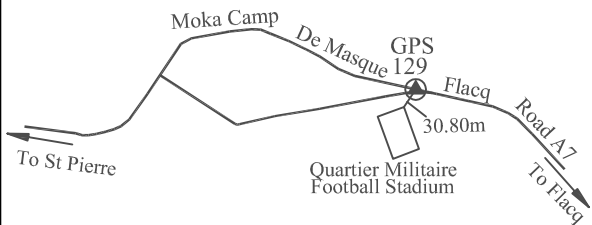
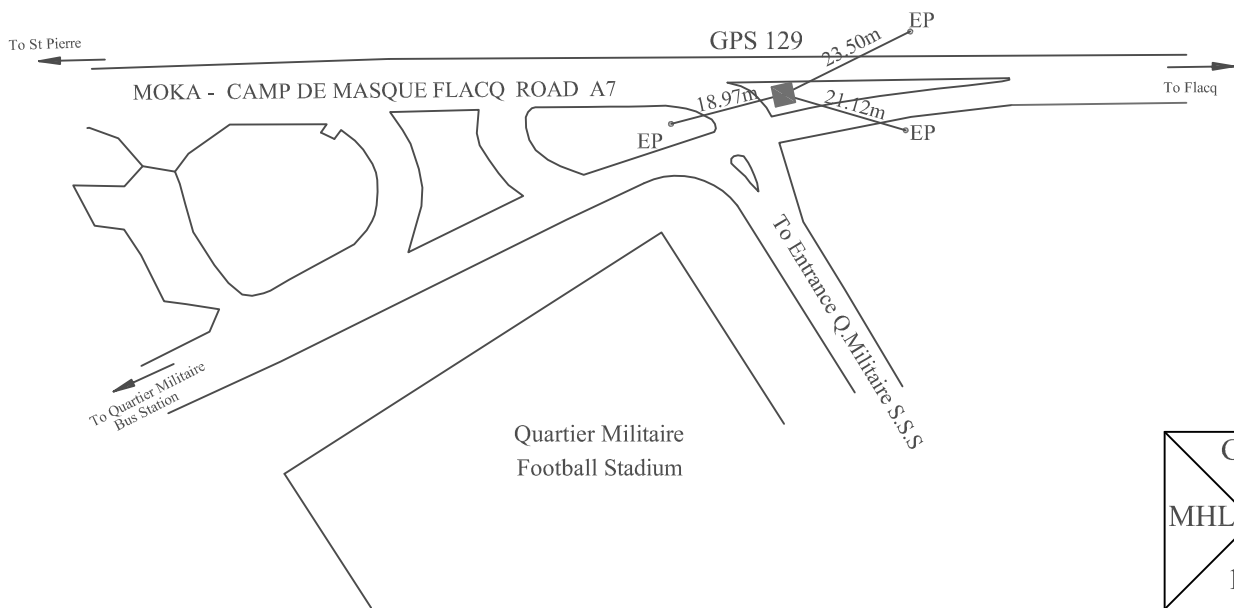
STATION DESCRIPTION

CONTROL POINT ID	GPS 128 / TTP 9	LATITUDE (d m s) GDM 2008	S20°14'36.74617"
		LONGITUDE (d m s)	E57°23'03.65973"
LOCATION	PTE MOYENNE	COORDINATES MGM 2008	540,143.05 mE 7,761,521.53 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	231,171.18 mE 353,529.68 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	984,906.18 mE 994,965.50 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	31.570 m (Trig Ht)
REMARKS: Brass Pin in Concrete slab, good condition Permission to be seeked from Medine Sugar Estate		ELLIPSOIDAL HEIGHT	27.500 m
		DATE: 09.05.11	



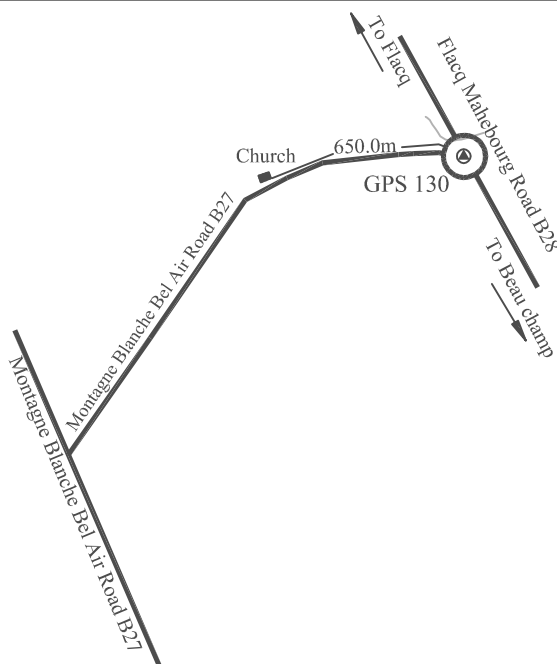
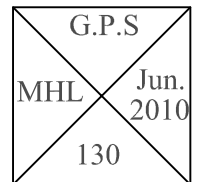
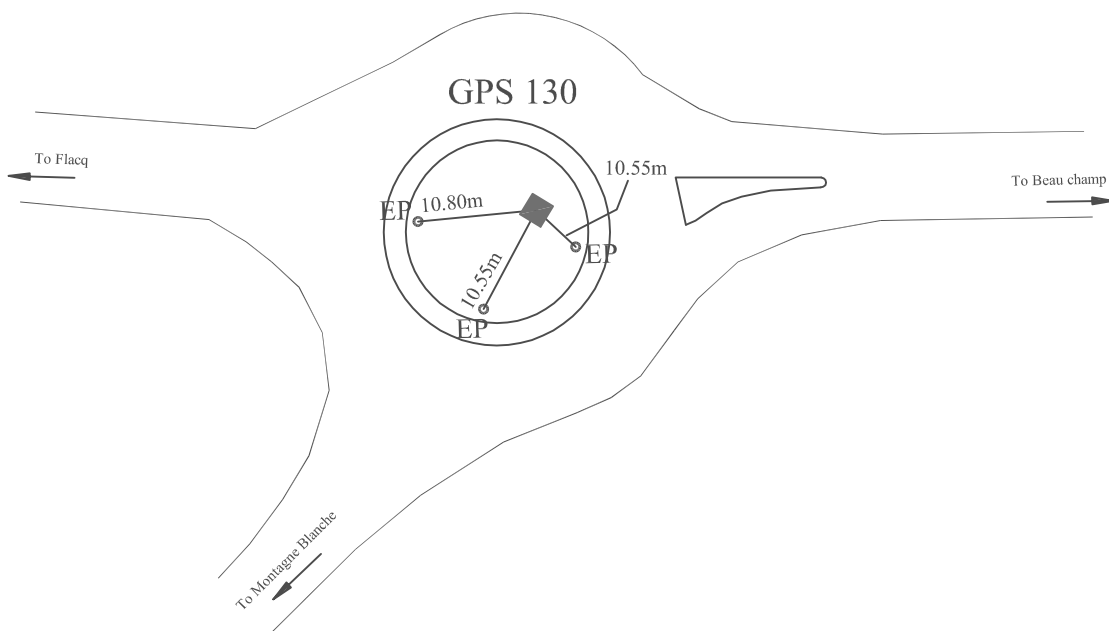
STATION DESCRIPTION

CONTROL POINT ID	GPS 129	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°14'48.00093" E57°36'12.62768"
LOCATION	QUARTIER MILITAIRE	COORDINATES MGM 2008	563,032.03 mE 7,761,107.27 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	254,069.71 mE 353,193.35 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,007,804.21 mE 994,622.08 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	400.619 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	398.676 m
DATE: 09.05.11			



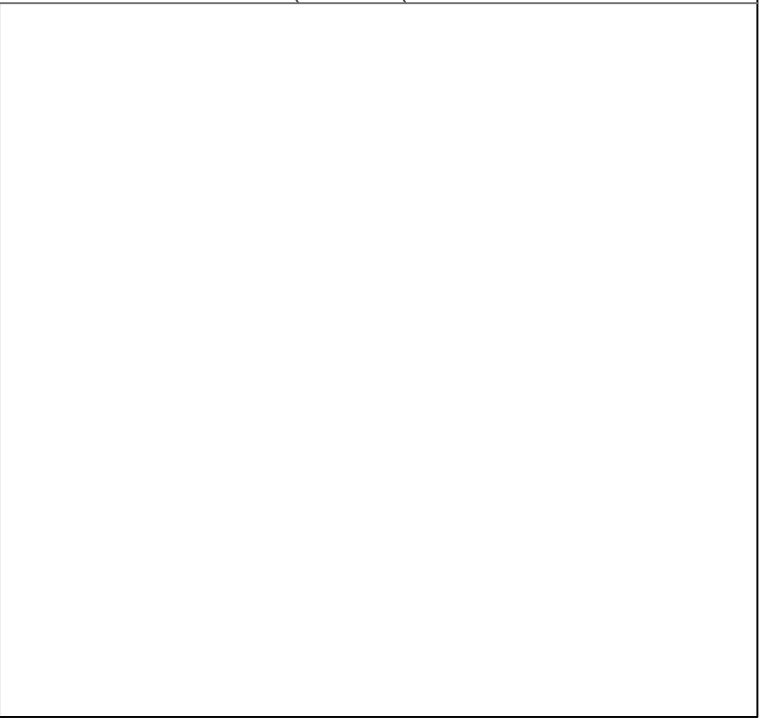
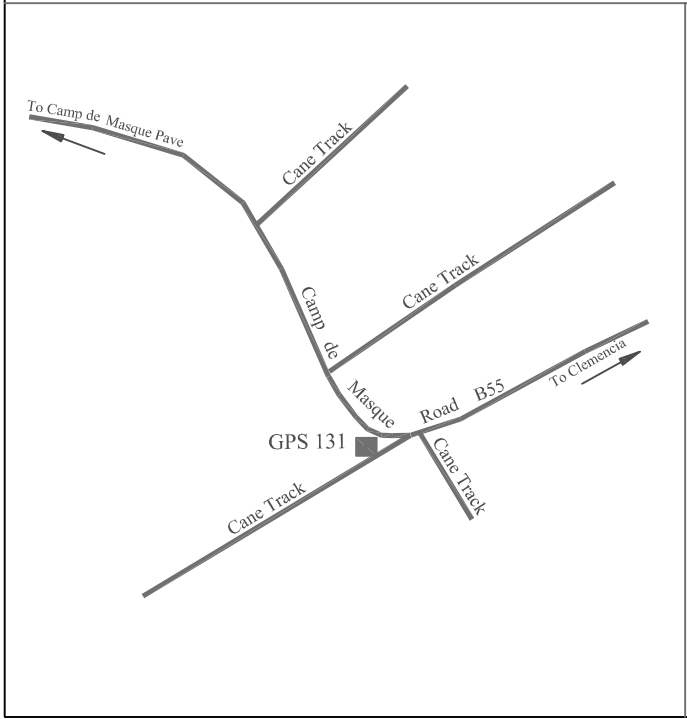
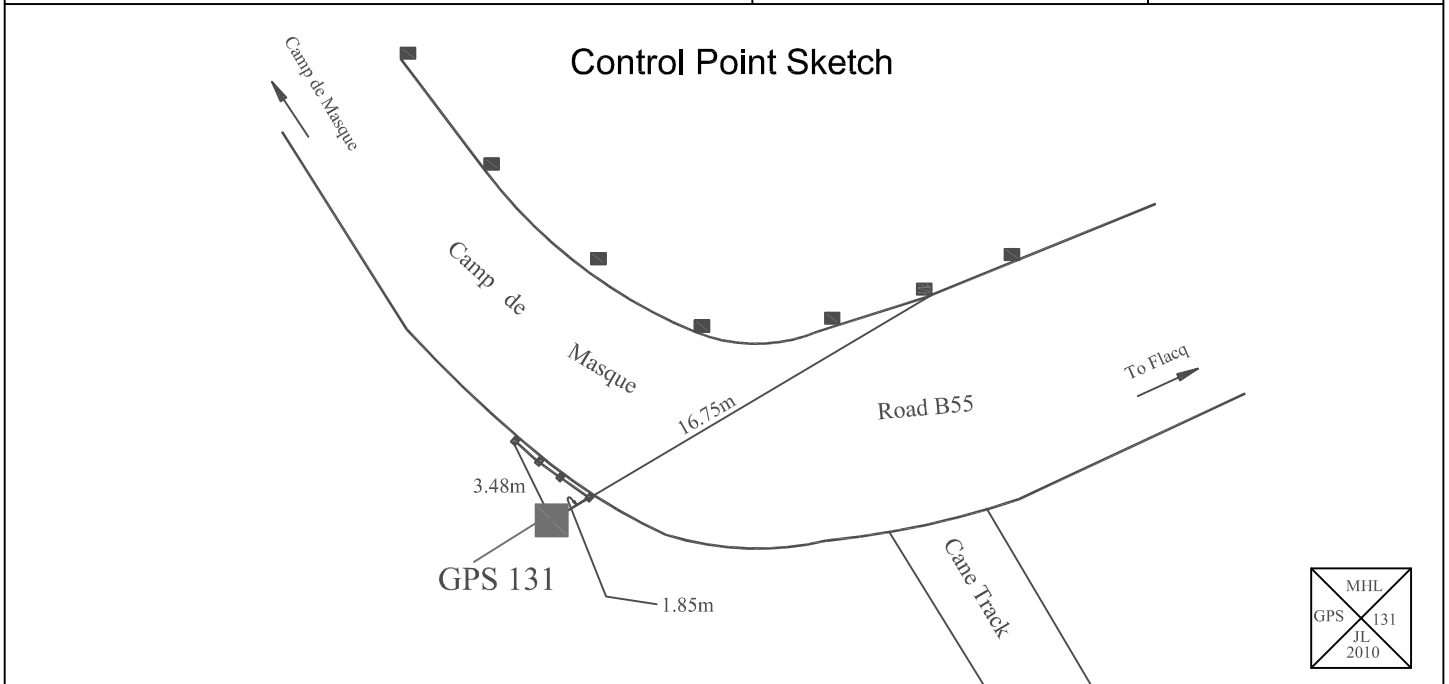
STATION DESCRIPTION

CONTROL POINT ID	GPS 130	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°15'21.65623" E57°45'25.60414"
LOCATION	BEL AIR	COORDINATES MGM 2008	579,070.83 mE 7,760,006.71 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	270,117.49 mE 352,147.16 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,023,851.33 mE 993,571.23 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	65.026 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	60.614 m
DATE: 09.05.11			



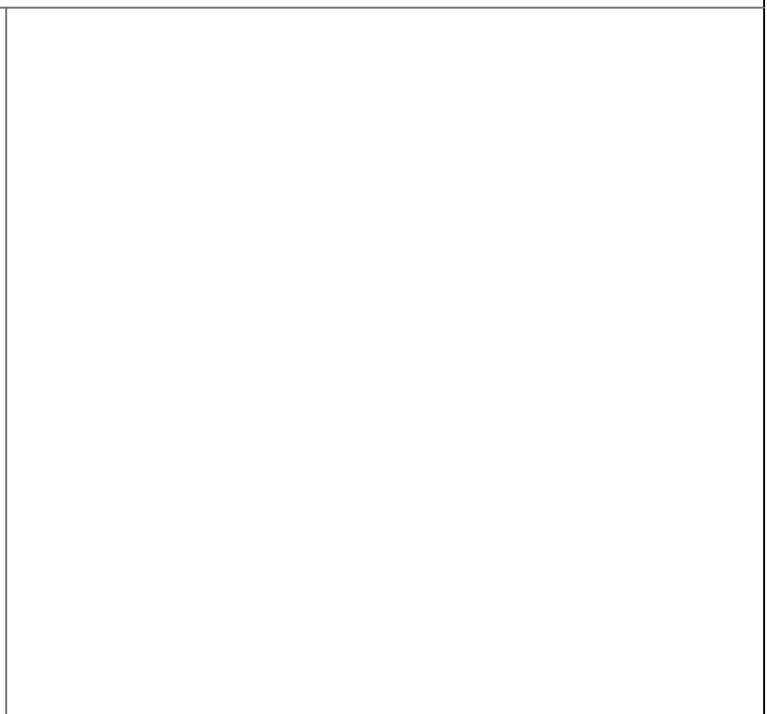
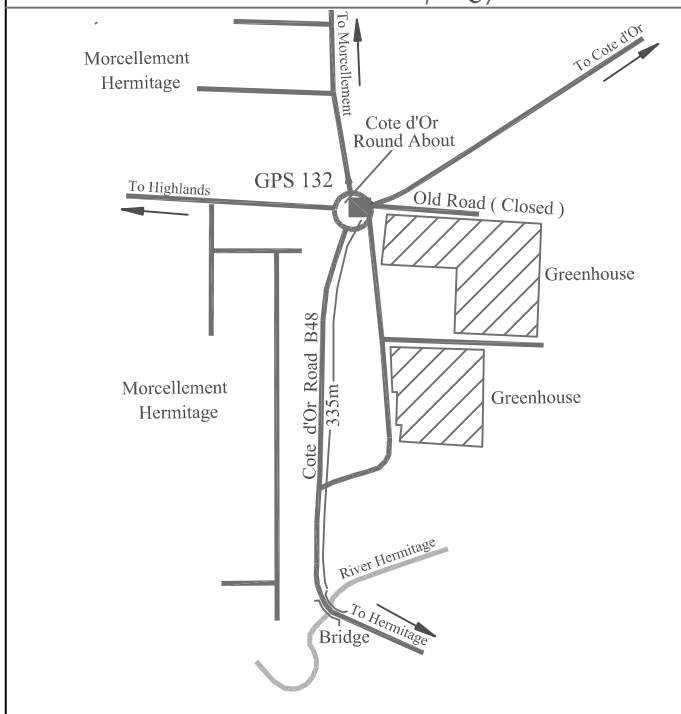
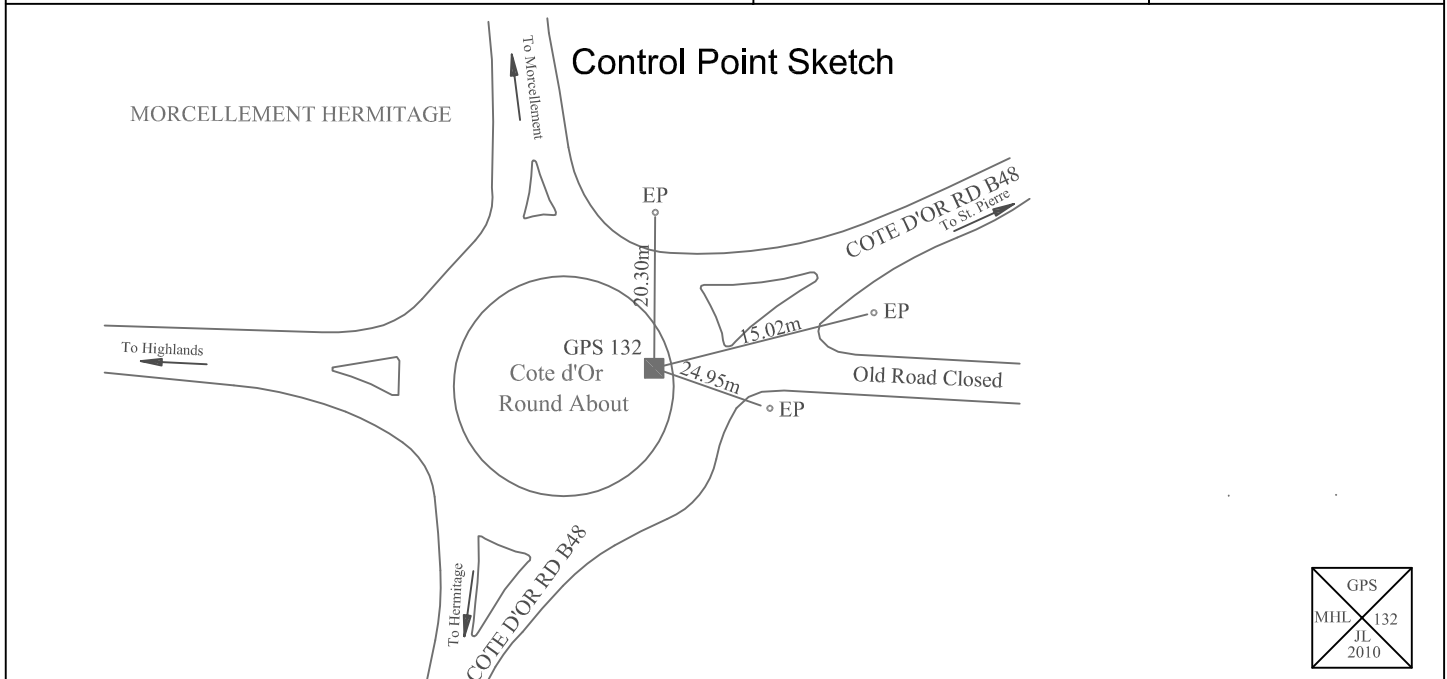
STATION DESCRIPTION

CONTROL POINT ID	GPS 131	LATITUDE (d m s) GDM 2008	S20°15'39.56186"
		LONGITUDE (d m s)	E57°41'52.50325"
LOCATION	CLEMENCIA	COORDINATES MGM 2008	572,886.13 mE 7,759,483.45 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	263,932.61 mE 351,602.62 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,017,666.42 mE 993,028.49 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	144.109 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	140.619 m
		DATE: 09.05.11	



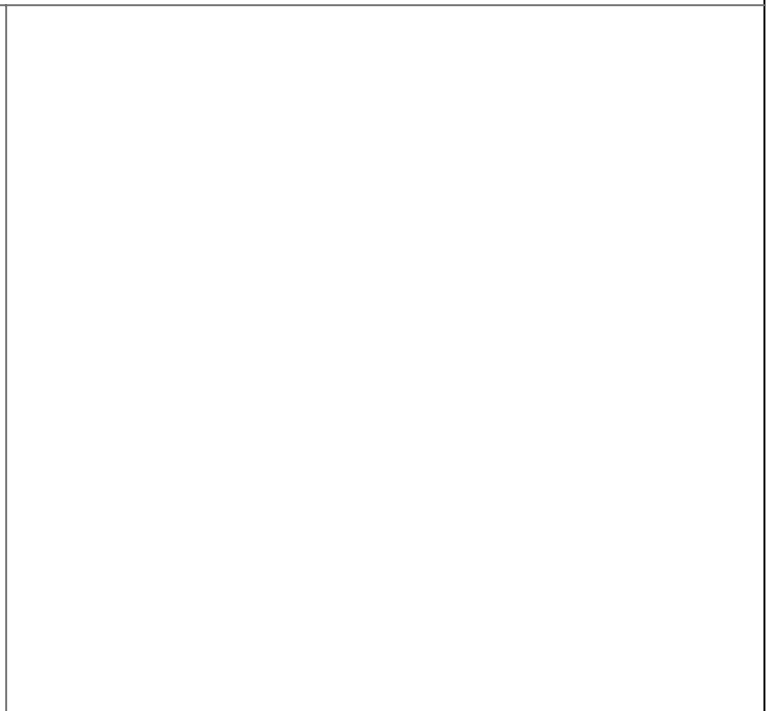
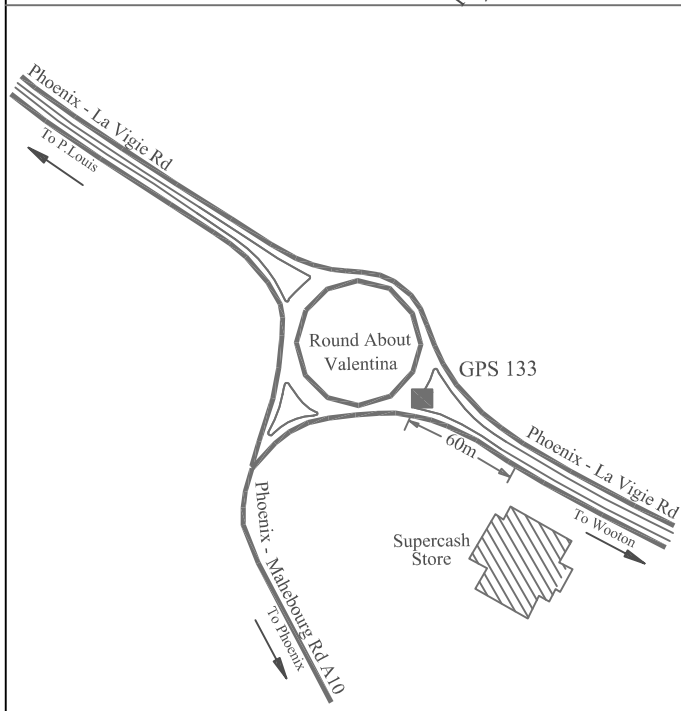
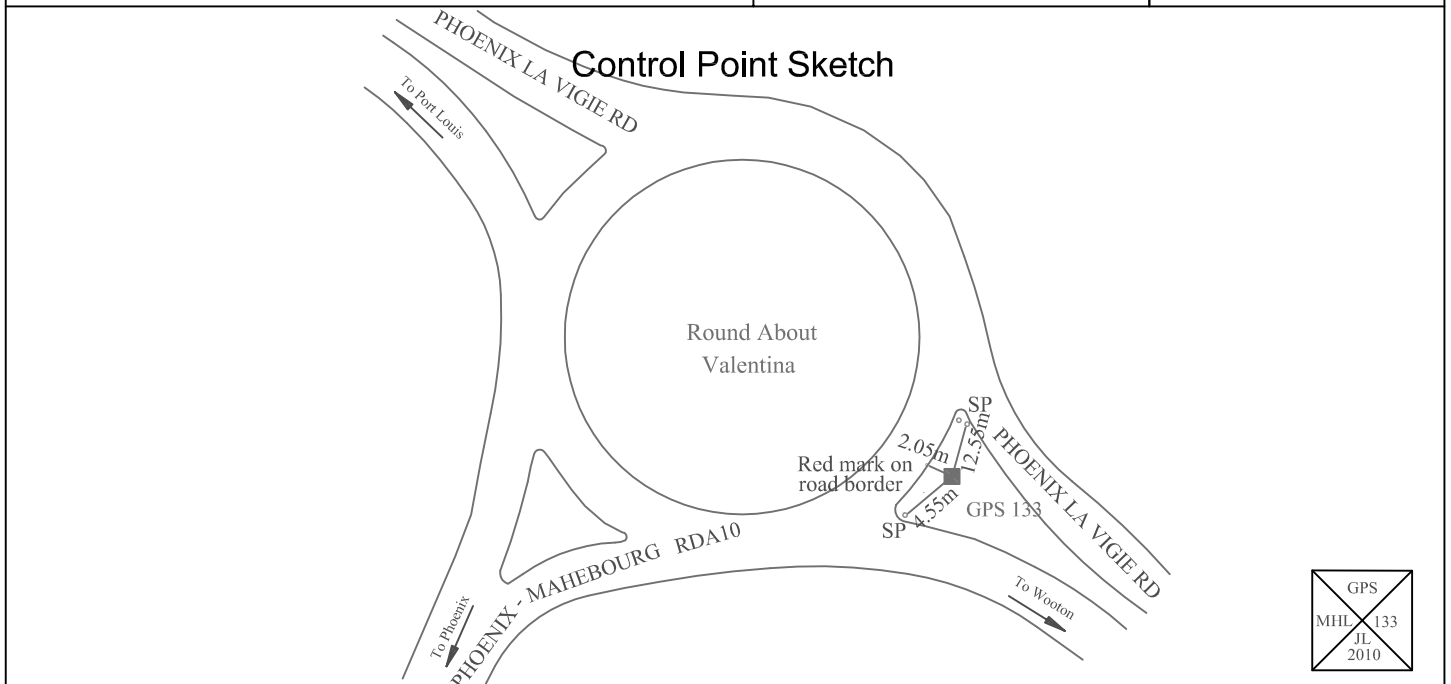
STATION DESCRIPTION

CONTROL POINT ID	GPS 132	LATITUDE (d m s) GDM 2008	S20°16'14.02015"
		LONGITUDE (d m s)	E57°32'13.01072"
LOCATION	COTE D'OR	COORDINATES MGM 2008	556,071.55 mE 7,758,486.91 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	247,115.76 mE 350,548.33 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,000,849.65 mE 991,979.13 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	450.812 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	448.987 m
DATE: 09.05.11			



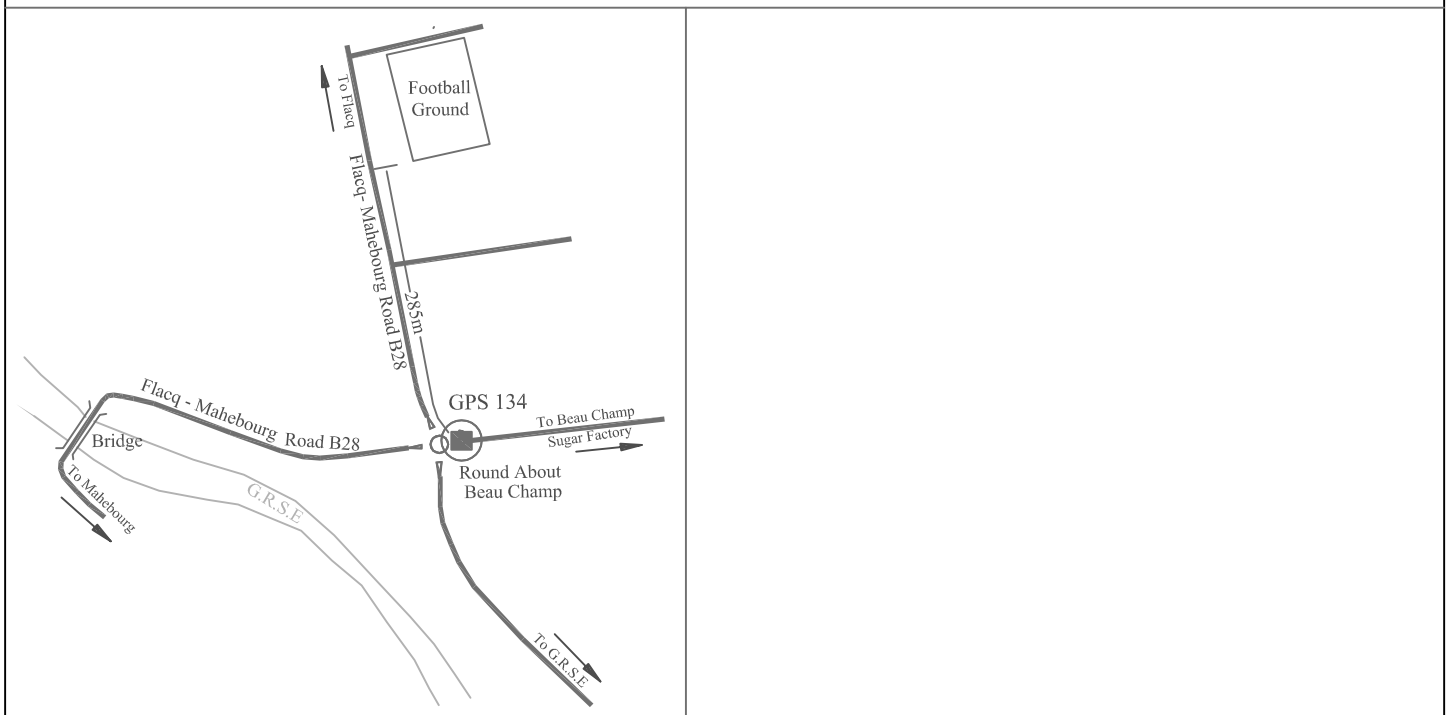
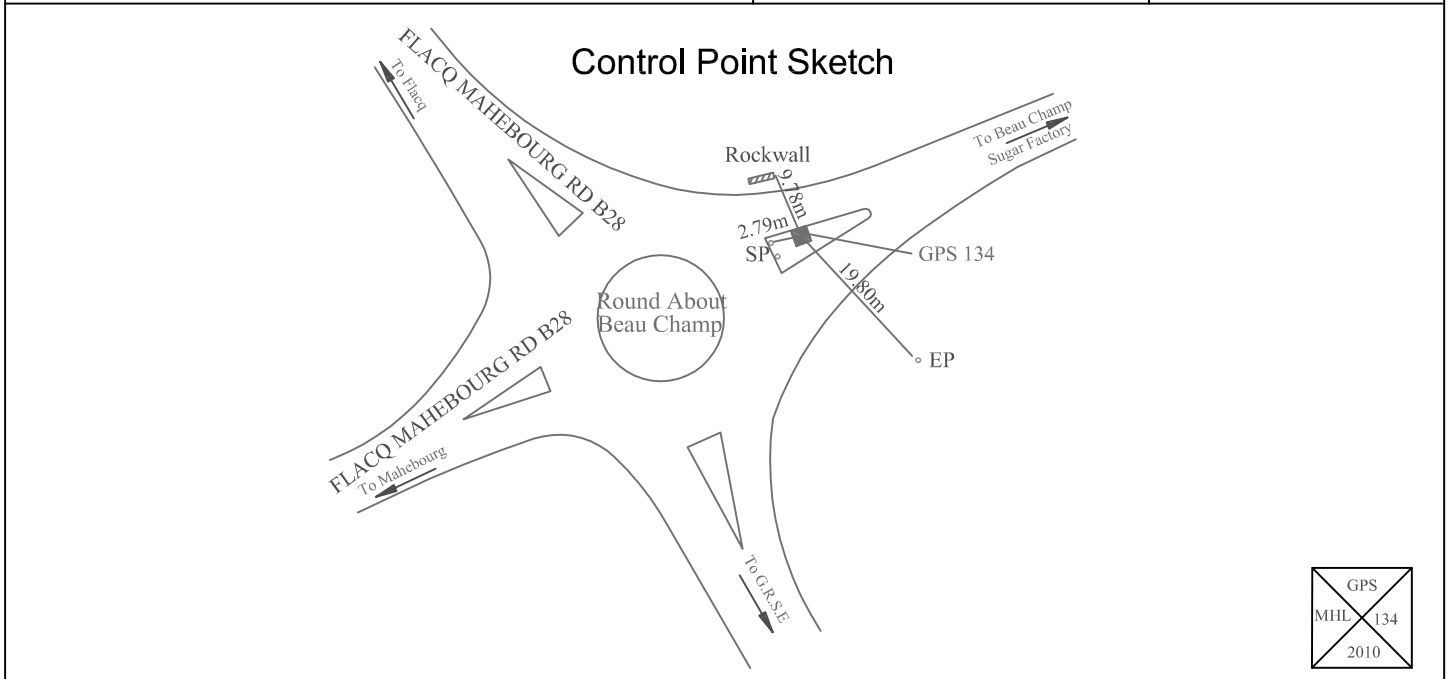
STATION DESCRIPTION

CONTROL POINT ID	GPS 133	LATITUDE (d m s) GDM 2008	S20°16'38.00076"
		LONGITUDE (d m s)	E57°30'04.86165"
LOCATION	VALENTINA	COORDINATES MGM 2008	552,351.97 mE 7,757,761.40 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	243,397.35 mE 349,809.86 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	997,131.08 mE 991,241.79 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	390.900 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	388.826 m
DATE: 09.05.11			



STATION DESCRIPTION

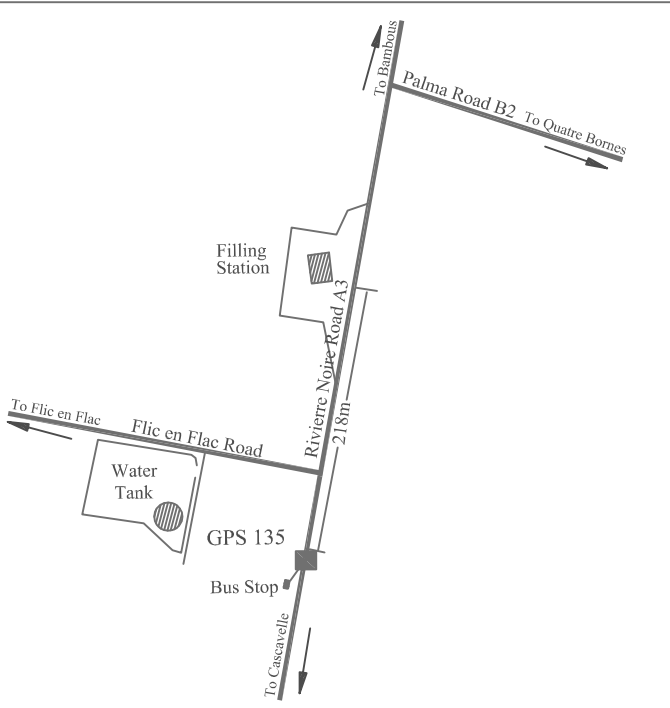
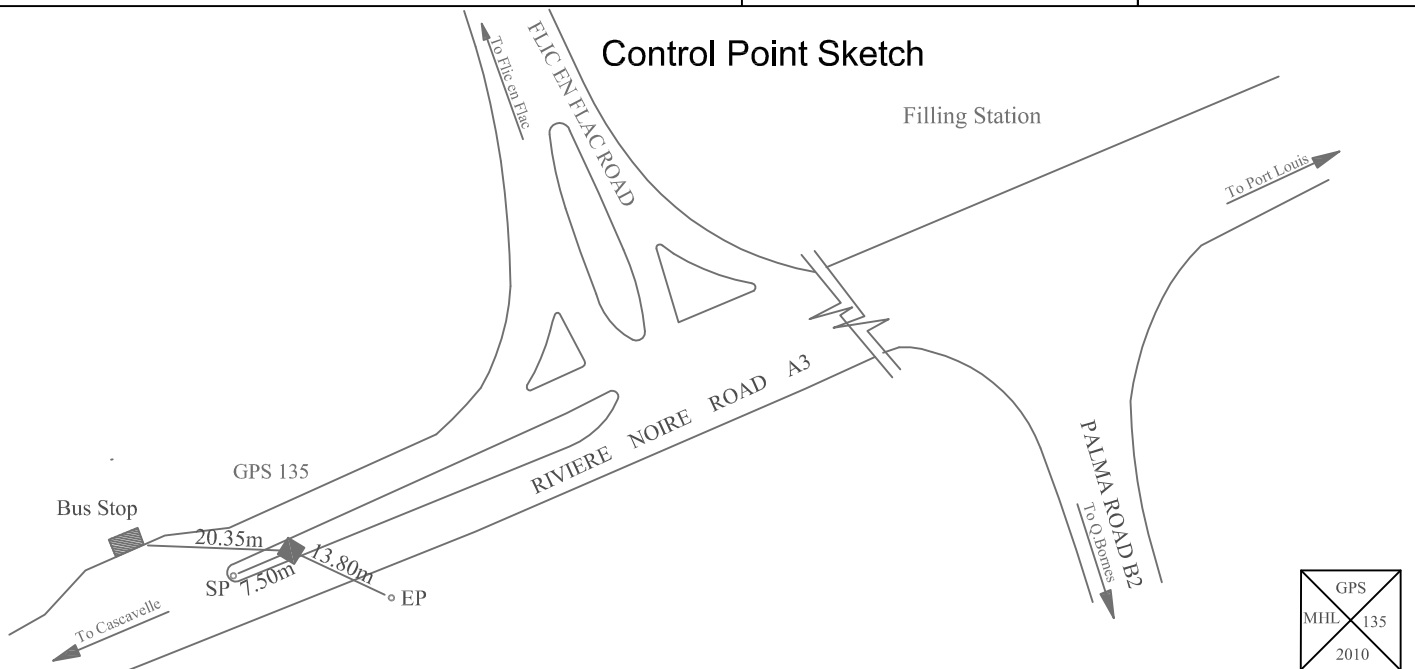
CONTROL POINT ID	GPS 134	LATITUDE (d m s) GDM 2008	S20°16'41.15161"
		LONGITUDE (d m s)	E57°46'29.17216"
LOCATION	GRSE	COORDINATES MGM 2008	580,903.60 mE 7,757,554.33 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	271,959.21 mE 349,700.28 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,025,692.29 mE 991,123.85 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	38.179 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	33.894 m
DATE: 09.05.11			



STATION DESCRIPTION

CONTROL POINT ID	GPS 135	LATITUDE (d m s) GDM 2008	S20°16'51.98906"
		LONGITUDE (d m s)	E57°24'14.78439"
LOCATION	FLIC EN FLAC JUNCTION	COORDINATES MGM 2008	542,196.40 mE 7,757,359.20 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	233,239.49 mE 349,372.83 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	986,973.23 mE 990,807.93 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	127.922 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	124.605 m
		DATE: 09.05.11	

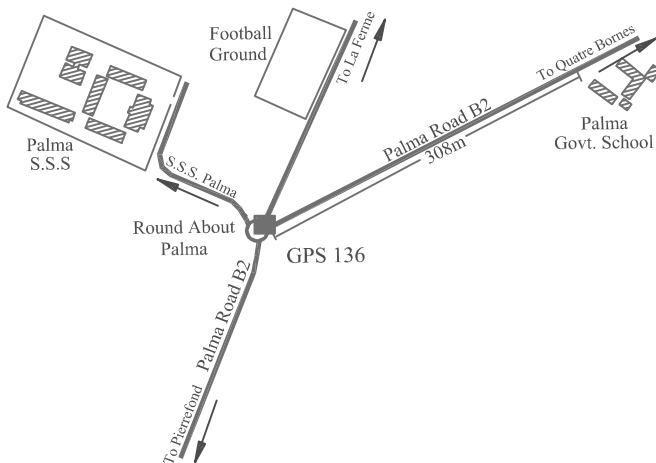
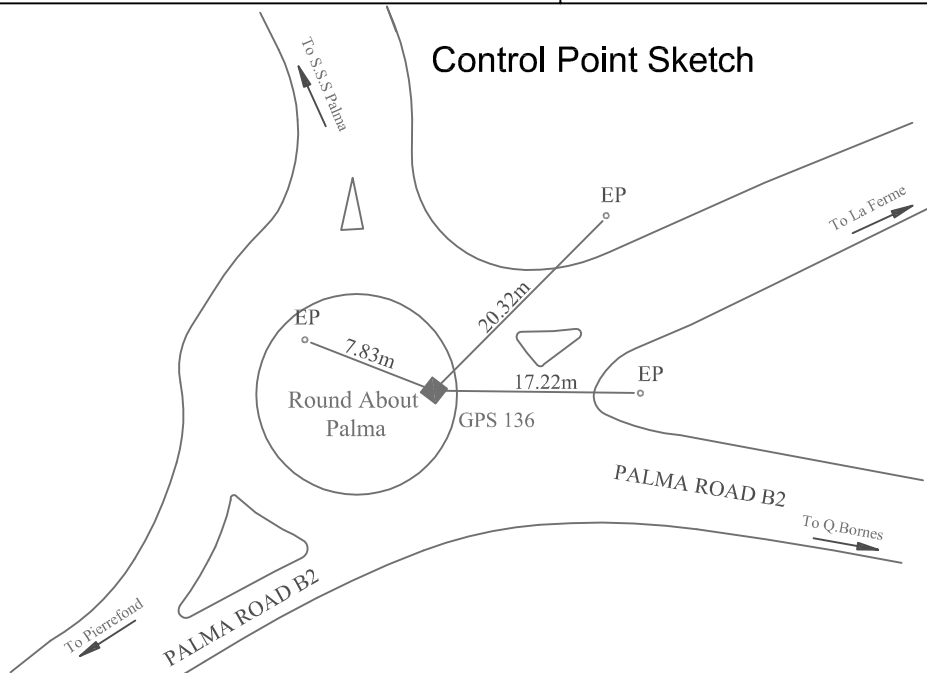
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 136	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°17'04.83031" E57°26'47.71220"
LOCATION	PALMA	COORDINATES MGM 2008	546,631.11 mE 7,756,953.03 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	237,677.21 mE 348,981.67 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	991,410.77 mE 990,415.39 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	280.262 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	277.560 m
DATE: 09.05.11			

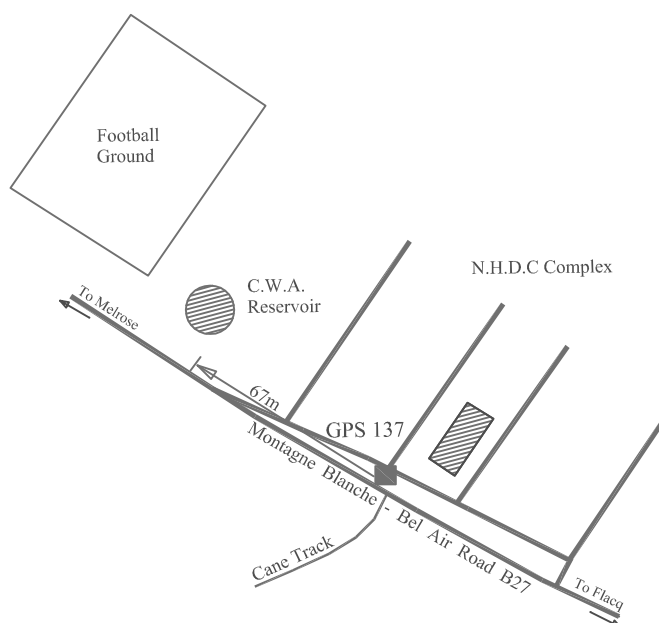
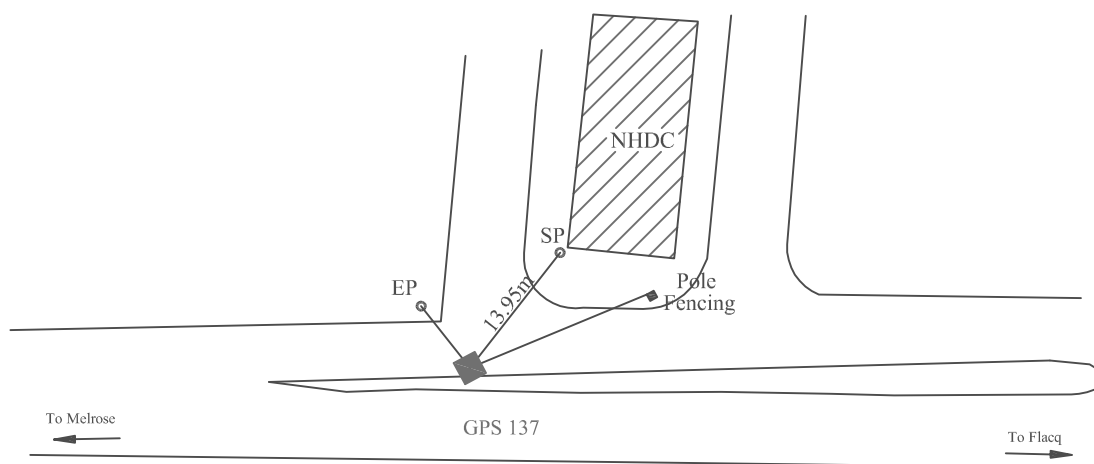
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 137	LATITUDE (d m s) GDM 2008	S20°16'41.55215"
		LONGITUDE (d m s)	E57°38'46.63791"
LOCATION	MONTAGNE BLANCHE	COORDINATES MGM 2008	567,486.66 mE 7,757,599.69 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	258,537.81 mE 349,699.80 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,012,271.21 mE 991,127.28 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	313.252 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	310.923 m
DATE: 09.05.11			

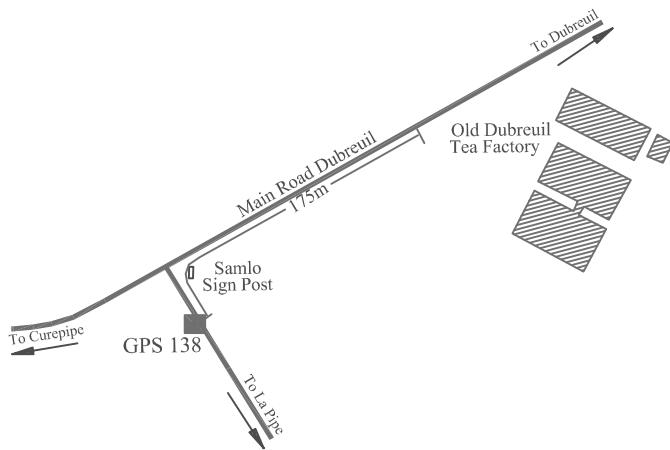
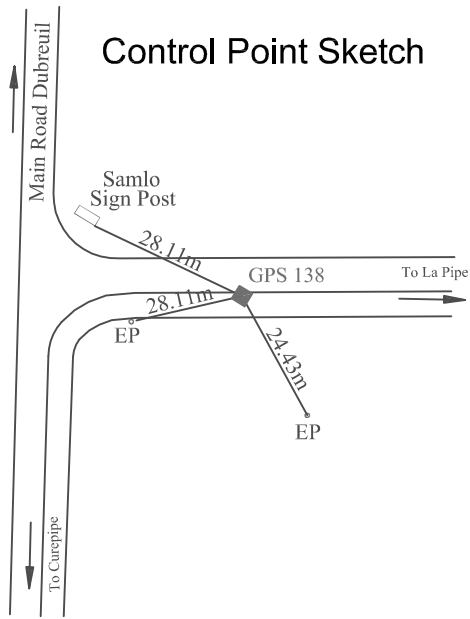
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 138	LATITUDE (d m s) GDM 2008	S20°18'21.17981"
		LONGITUDE (d m s)	E57°35'50.10723"
LOCATION	DUBREUIL	COORDINATES MGM 2008	562,354.98 mE 7,754,556.27 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	253,414.80 mE 346,637.82 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,007,147.42 mE 988,066.83 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	386.572 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	384.717 m
		DATE: 09.05.11	

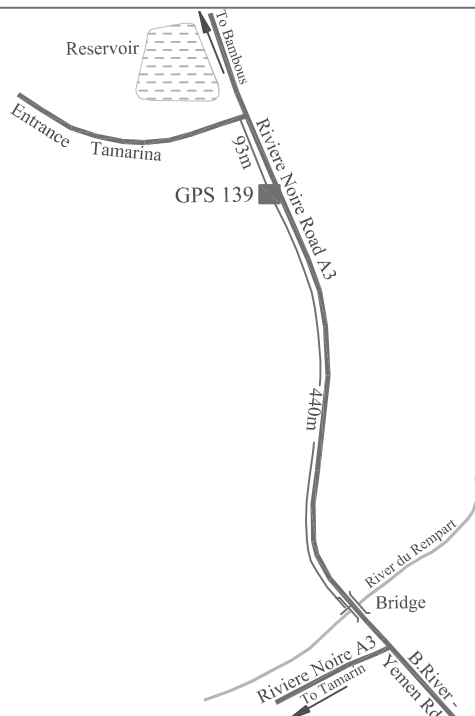
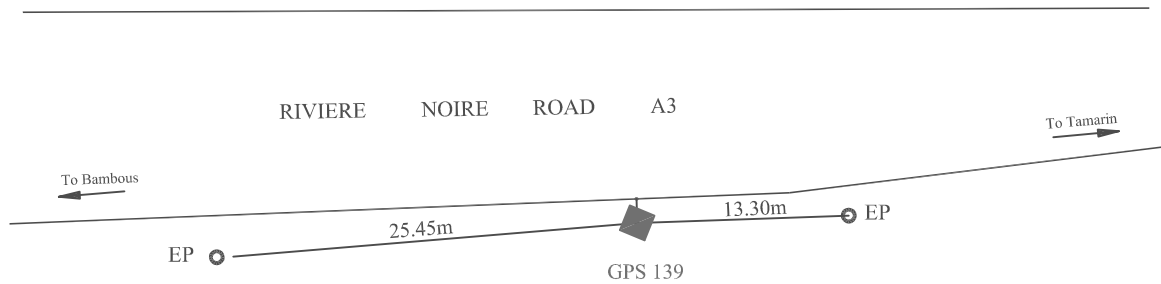
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 139	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°18'39.21143" E57°24'11.34500"
LOCATION	YEMEN	COORDINATES MGM 2008	542,088.60 mE 7,754,063.37 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	233,142.91 mE 346,075.42 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	986,875.68 mE 987,510.59 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	52.976 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	49.678 m
DATE: 09.05.11			

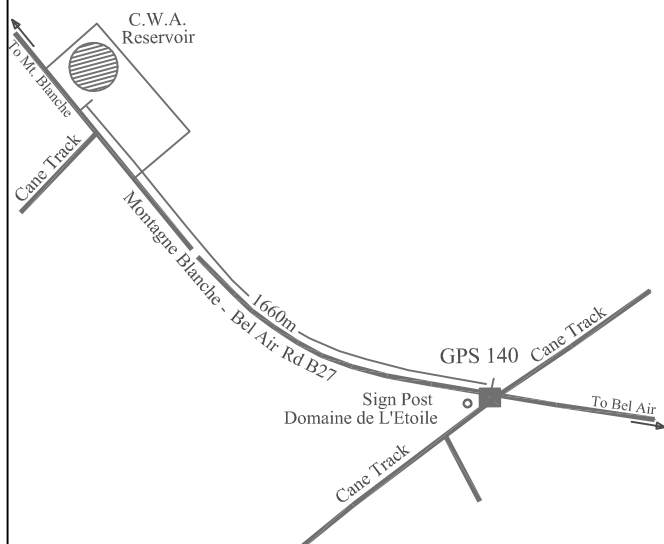
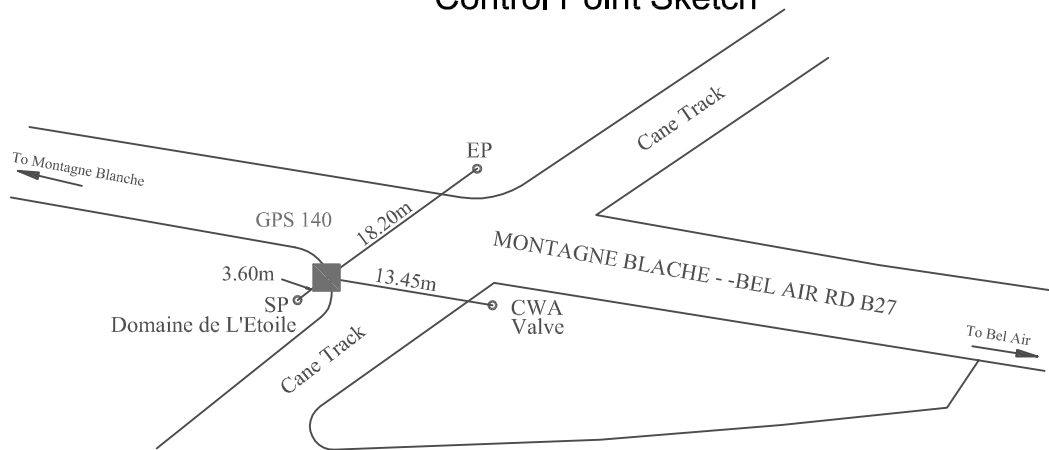
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 140	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°18'45.34519" E57°41'52.73581"
LOCATION	SEBASTOPOL	COORDINATES MGM 2008	572,868.75 mE 7,753,772.13 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	263,934.75 mE 345,889.40 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,017,666.93 mE 987,315.36 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	151.803 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	148.688 m
DATE: 09.05.11			

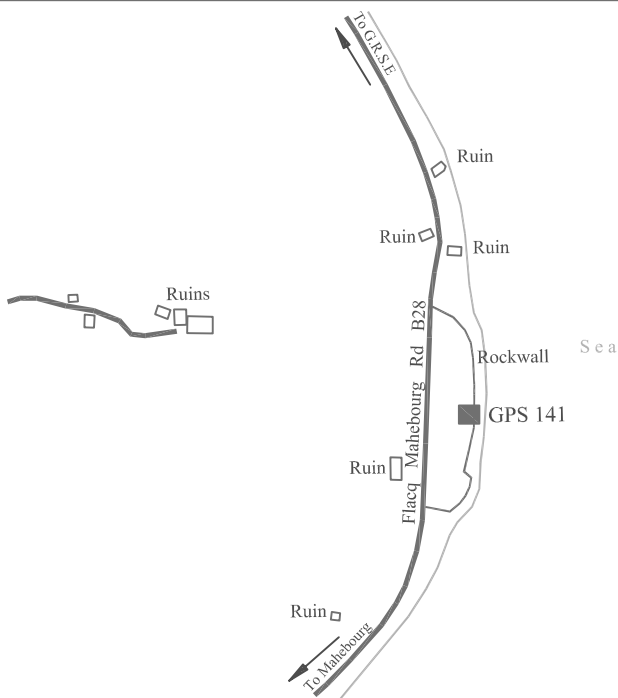
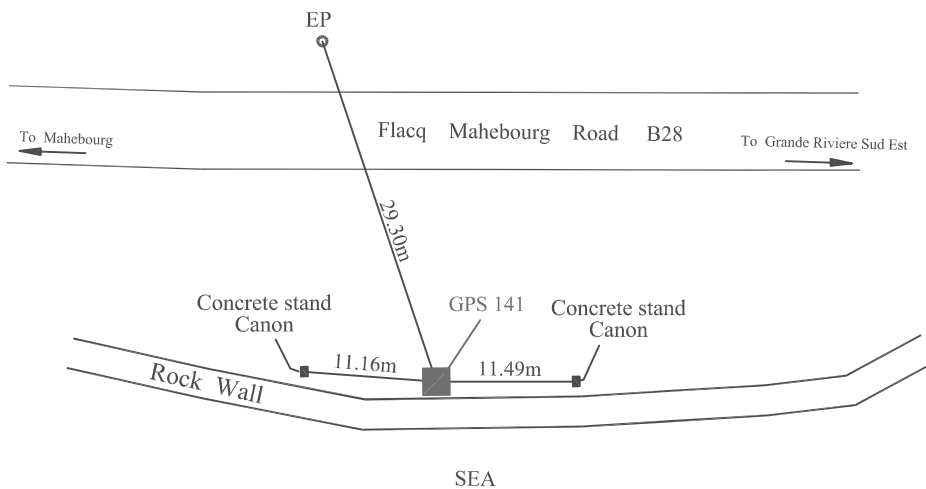
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 141	LATITUDE (d m s) GDM 2008	S20°20'13.83030"
		LONGITUDE (d m s)	E57°46'45.36197"
LOCATION	POINTE DU DIABLE	COORDINATES MGM 2008	581,342.37 mE 7,751,013.93 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	272,420.50 mE 343,159.36 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,026,151.76 mE 984,582.87 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	3.590 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	-0.296 m
		DATE: 09.05.11	

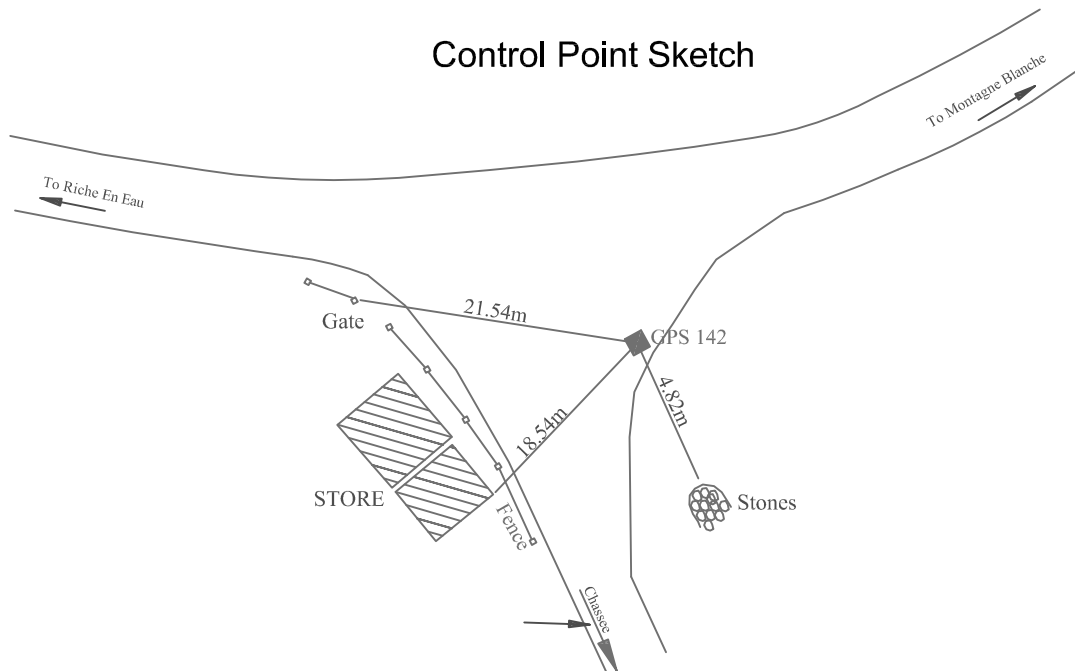
Control Point Sketch



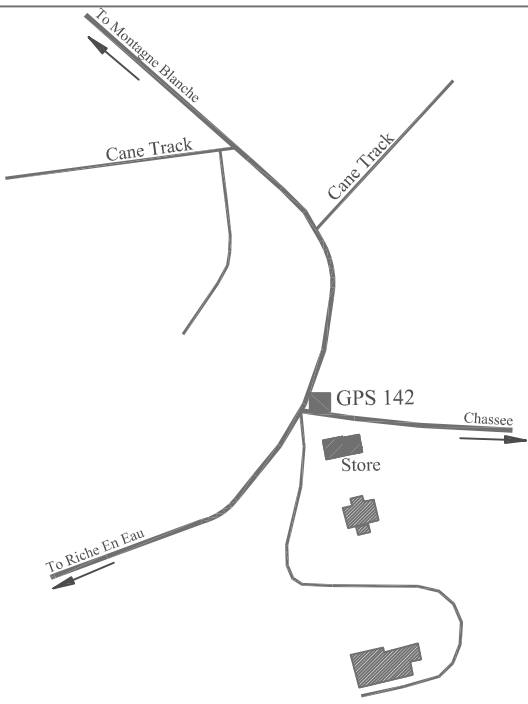
STATION DESCRIPTION

CONTROL POINT ID	GPS 142	LATITUDE (d m s) GDM 2008	S20°20'15.00200"
		LONGITUDE (d m s)	E57°39'14.23893"
LOCATION	RICHE EN EAU(MT RONDE)	COORDINATES MGM 2008	568,261.29 mE 7,751,034.77 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	259,335.16 mE 343,135.35 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,013,066.68 mE 984,562.70 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	218.603 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition Permission to be seeked from Riche en Eau Sugar Estate		ELLIPSOIDAL HEIGHT	216.129 m
		DATE: 09.05.11	

Control Point Sketch

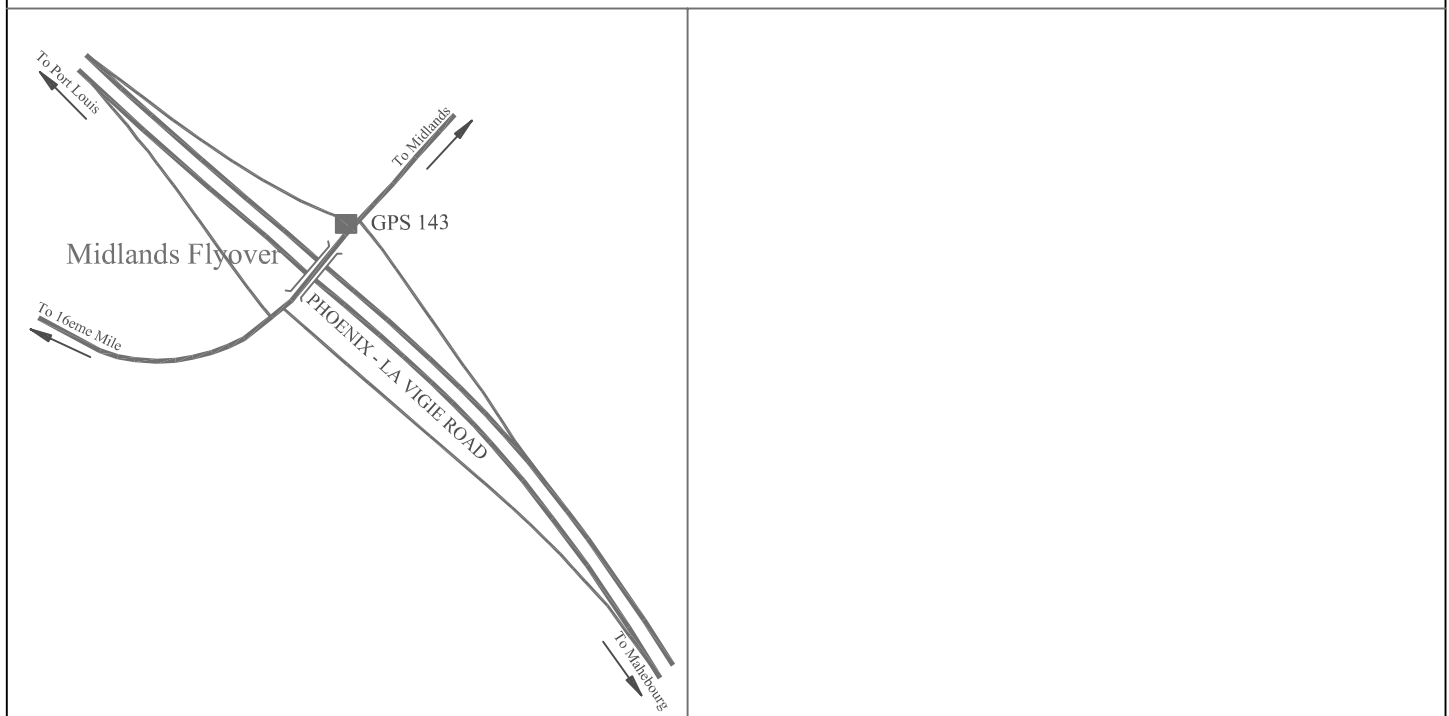
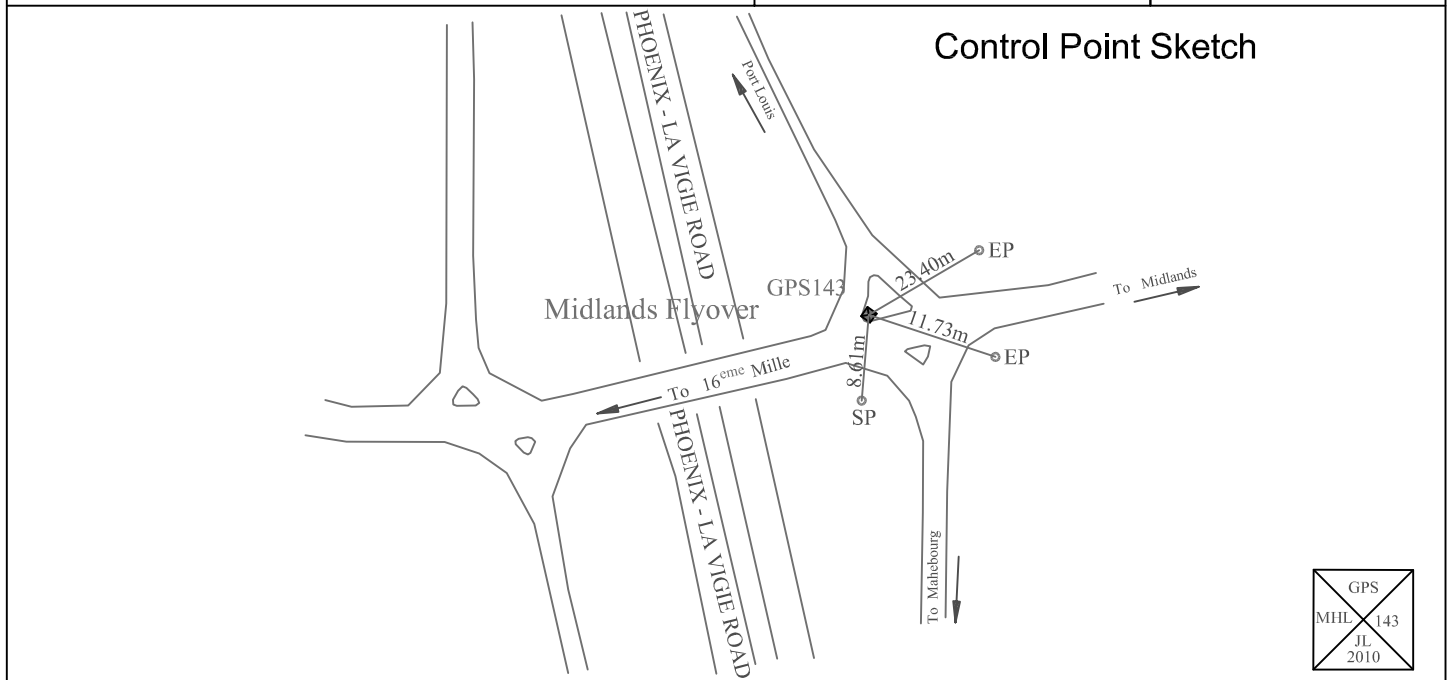


GPS
MHL 142
JL
2010



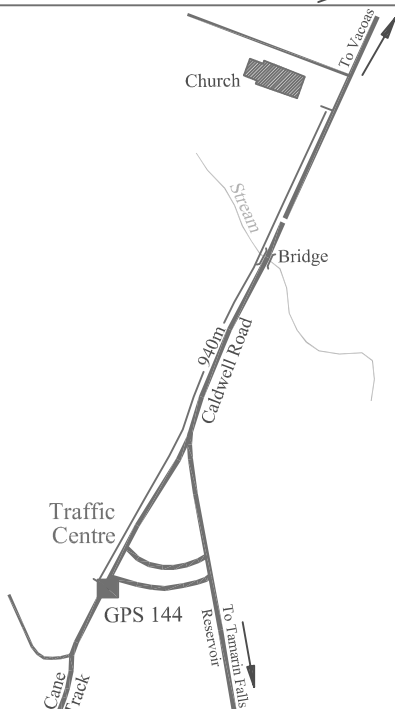
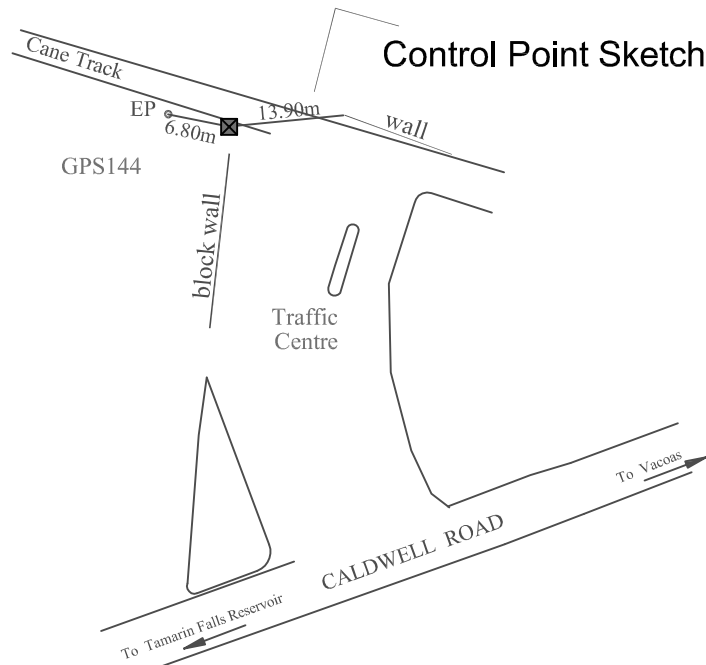
STATION DESCRIPTION

CONTROL POINT ID	GPS 143	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°20'09.66453" E57°33'43.75750"
LOCATION	MIDLANDS	COORDINATES MGM 2008	558,679.27 mE 7,751,234.20 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	249,749.20 mE 343,302.01 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,003,480.95 mE 984,732.12 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	476.935 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	475.057 m
DATE: 09.05.11			



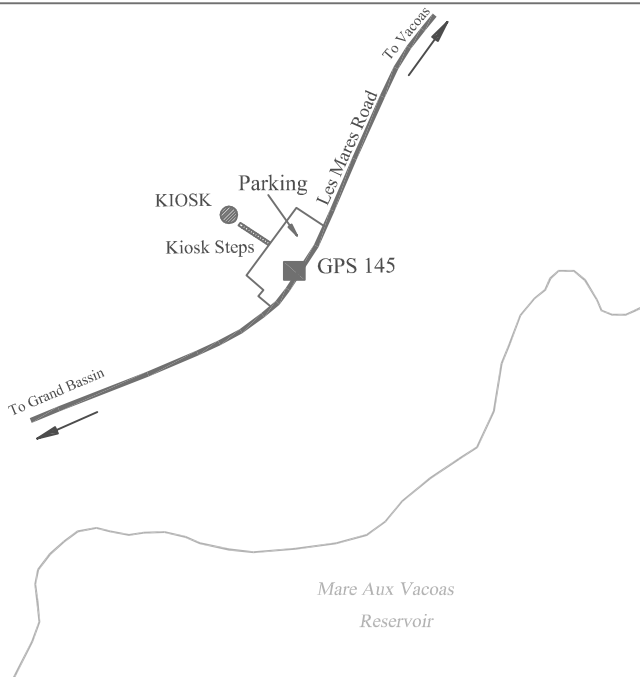
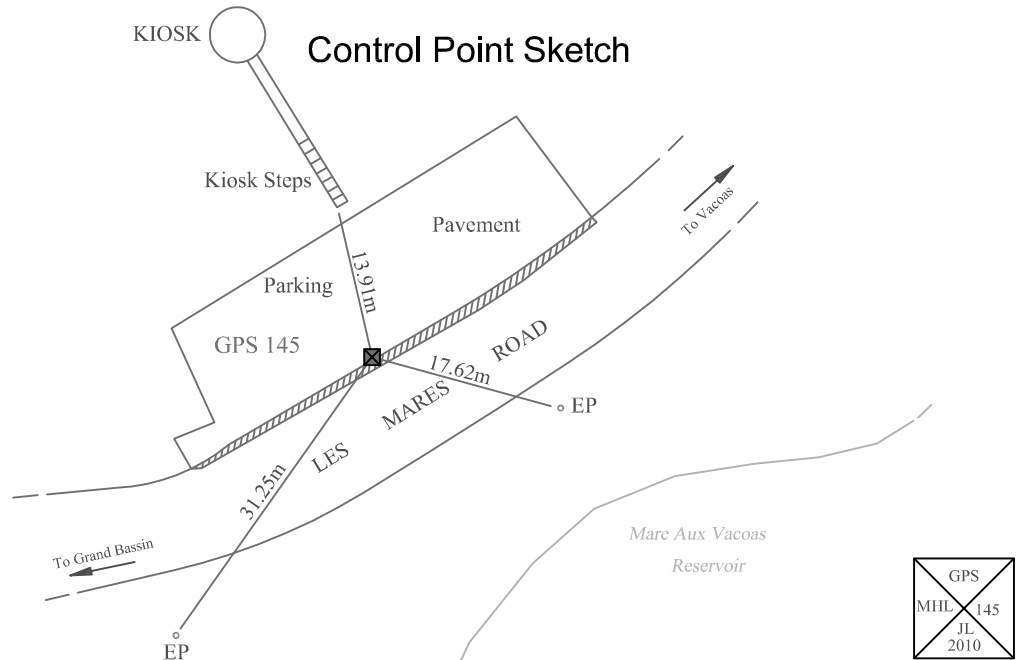
STATION DESCRIPTION

CONTROL POINT ID	GPS 144	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°20'35.52671" E57°28'15.99607"
LOCATION	HENRIETTA	COORDINATES MGM 2008	549,173.31 mE 7,750,468.95 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	240,242.50 mE 342,503.94 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	993,974.14 mE 983,936.94 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	491.159 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	488.776 m
DATE: 09.05.11			



STATION DESCRIPTION

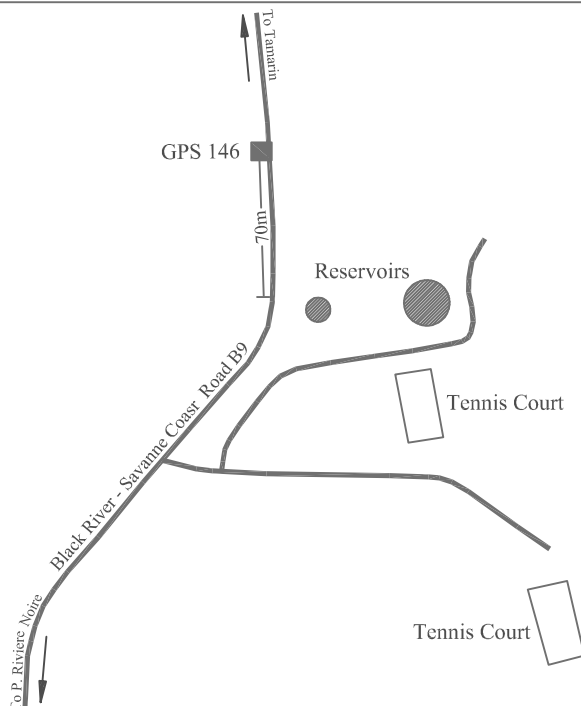
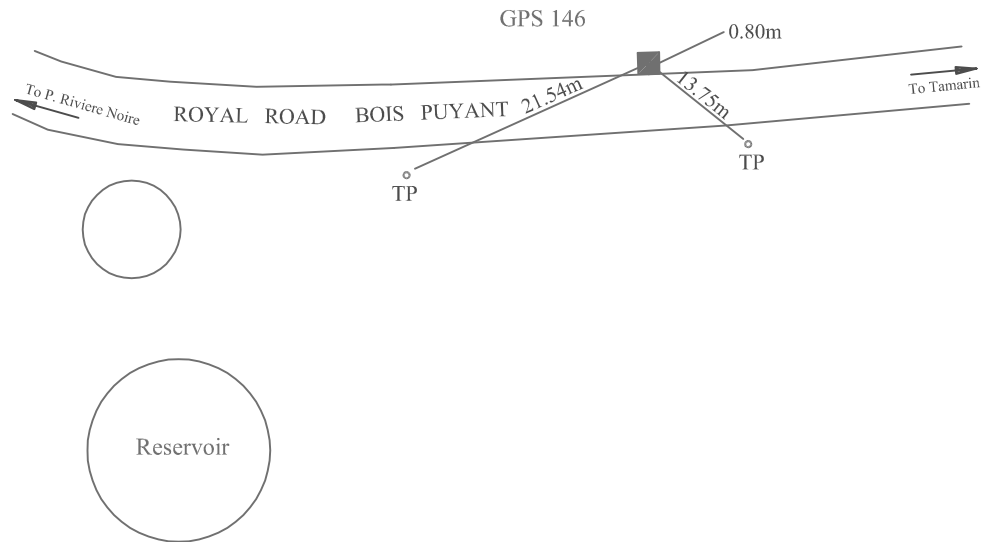
CONTROL POINT ID	GPS 145	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°22'05.33534" E57°29'31.78595"
LOCATION	MARE AUX VACOAS	COORDINATES MGM 2008	551,362.53 mE 7,747,701.72 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	242,441.99 mE 339,743.22 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	996,172.84 mE 981,175.60 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	571.822 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	569.523 m
DATE: 09.05.11			



STATION DESCRIPTION

CONTROL POINT ID	GPS 146	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°22'43.48125" E57°22'53.81382"
LOCATION	BOIS PUANT	COORDINATES MGM 2008	539,822.80 mE 7,746,559.71 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	230,901.96 mE 338,561.24 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	984,632.58 mE 979,997.17 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	63.432 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	59.210 m
DATE: 09.05.11			

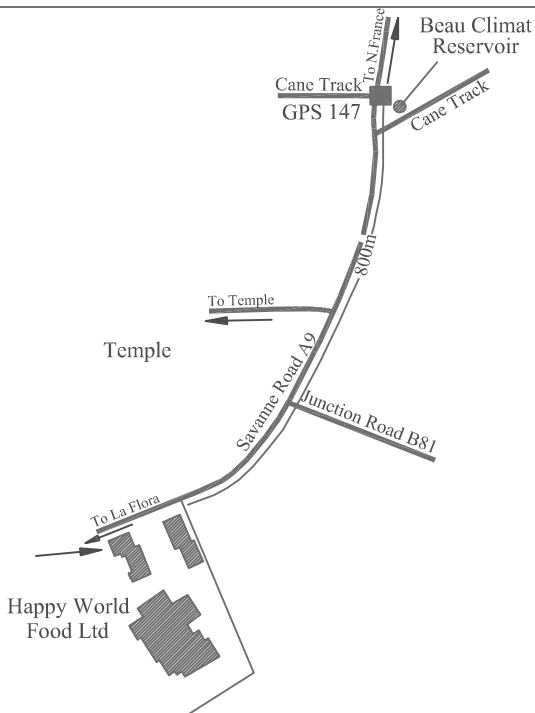
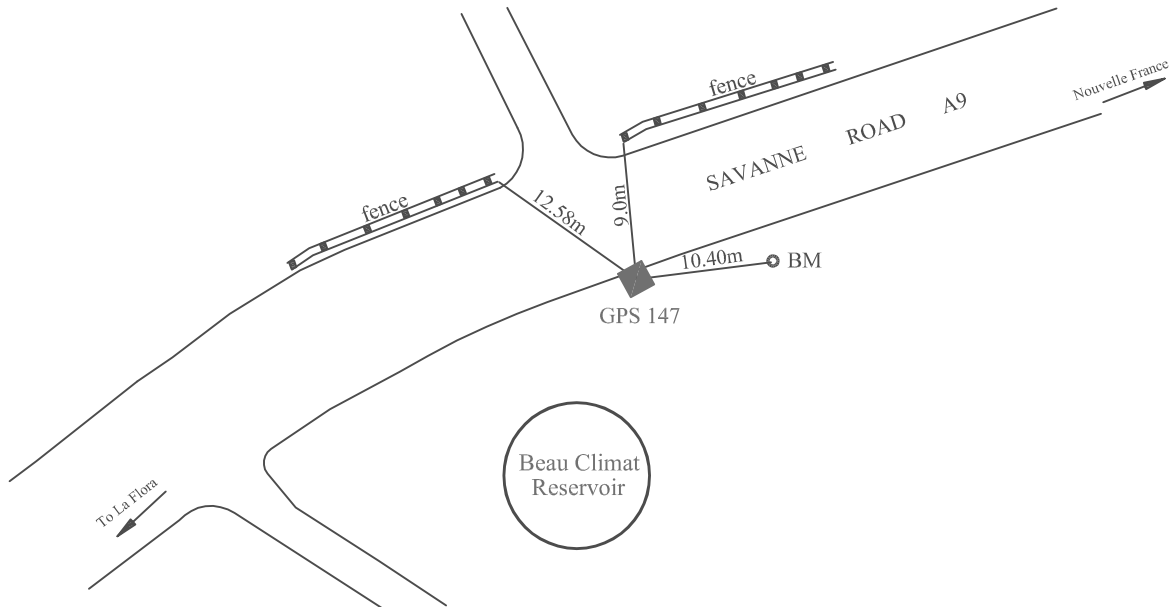
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 147	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°23'56.66259" E57°33'58.06882"
LOCATION	LA FLORA	COORDINATES MGM 2008	559,070.24 mE 7,744,254.56 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	250,164.25 mE 336,321.28 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,003,894.00 mE 977,751.45 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	369.407 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	366.964 m
DATE: 09.05.11			

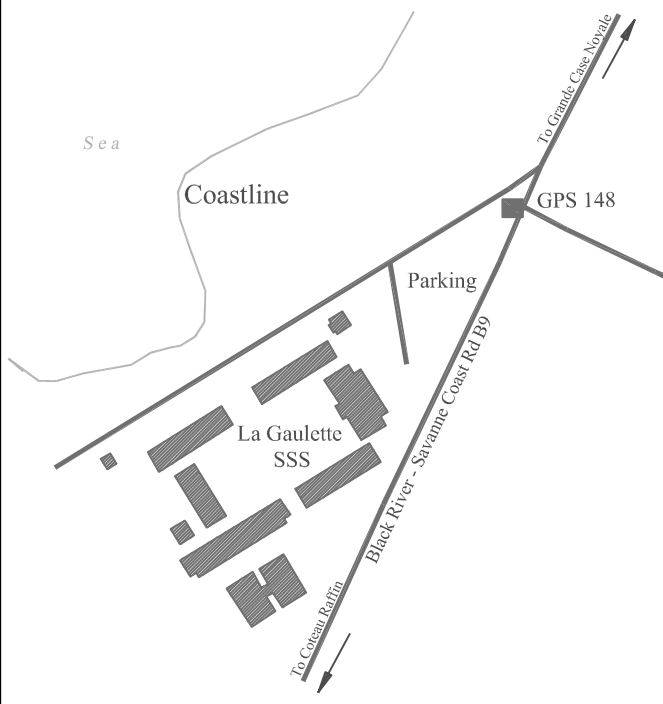
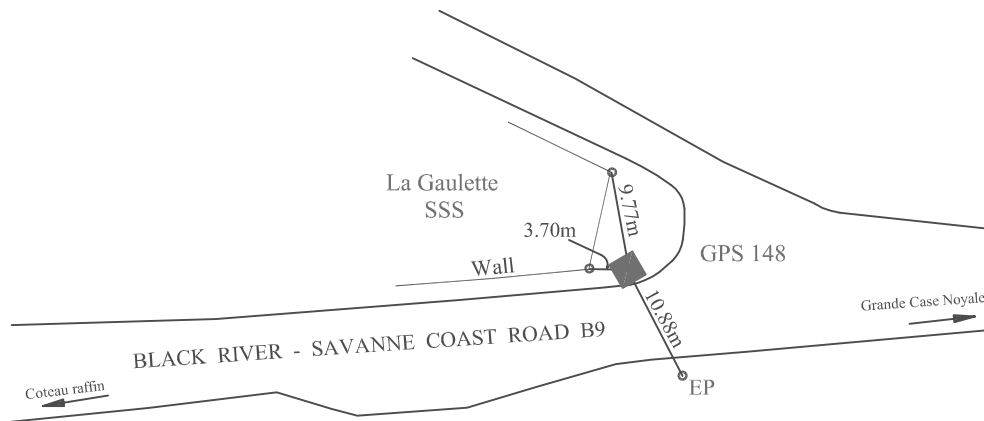
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 148	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°24'58.50584" E57°22'02.93268"
LOCATION	LA GAULETTE	COORDINATES MGM 2008	538,338.61 mE 7,742,412.31 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	229,431.43 mE 334,407.20 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	983,160.92 mE 975,843.64 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	8.319 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	2.540 m
DATE: 09.05.11			

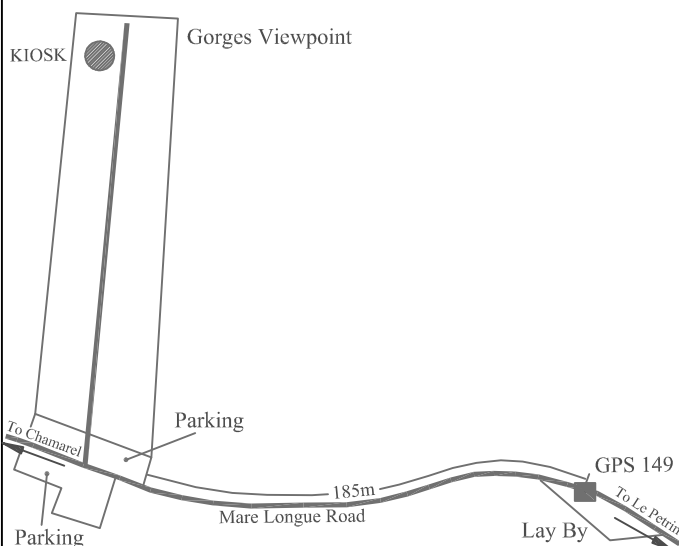
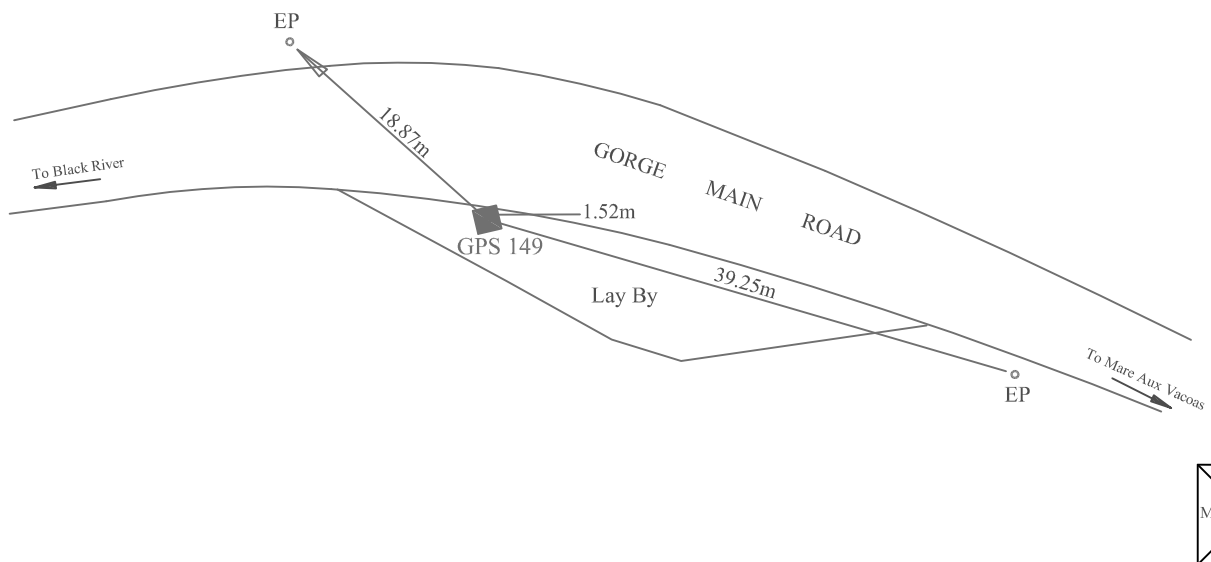
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 149	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°25'29.15763" E57°25'54.05020"
LOCATION	GORGE	COORDINATES MGM 2008	545,034.01 mE 7,741,453.75 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	236,132.61 mE 333,471.26 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	989,861.71 mE 974,905.68 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	684.221 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	680.693 m
DATE: 09.05.11			

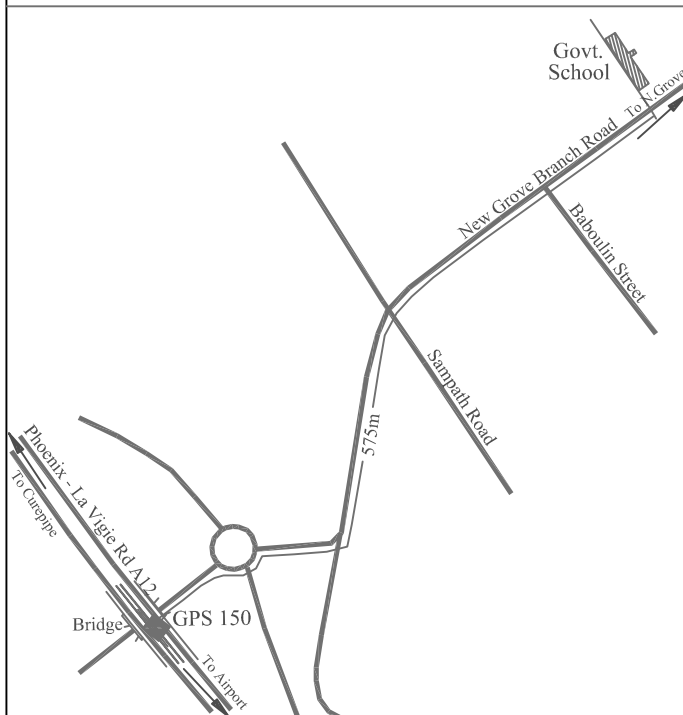
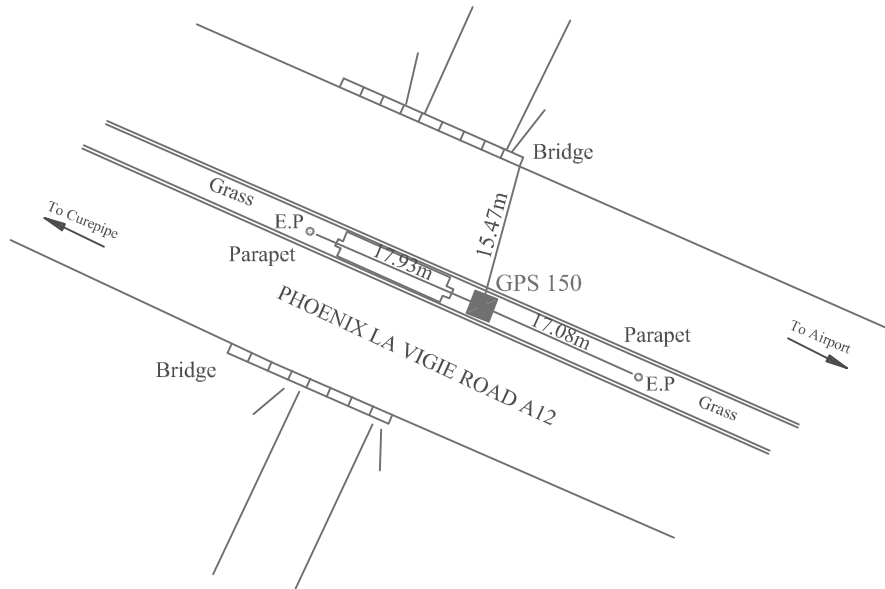
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 150	LATITUDE (d m s) GDM 2008	S20°25'17.25051"
		LONGITUDE (d m s)	E57°36'27.77856"
LOCATION	GROS BILLOT (On Fly over Bridge)	COORDINATES MGM 2008	563,400.30 mE 7,741,761.66 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	254,504.38 mE 333,842.41 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,008,233.34 mE 975,271.32 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	224.739 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	221.726 m
DATE: 09.05.11			

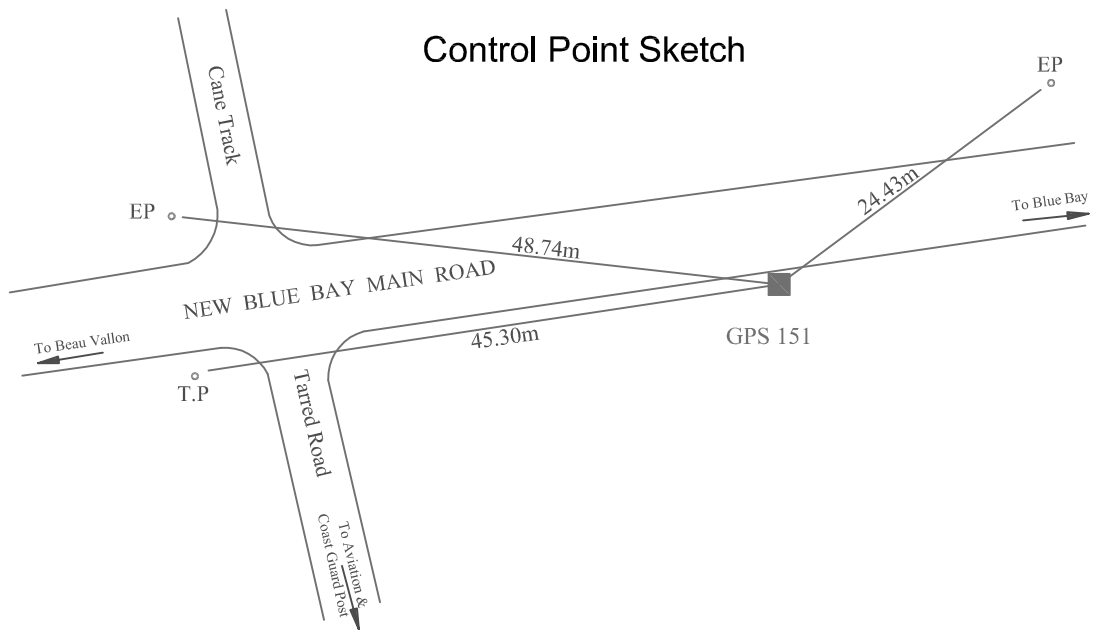
Control Point Sketch



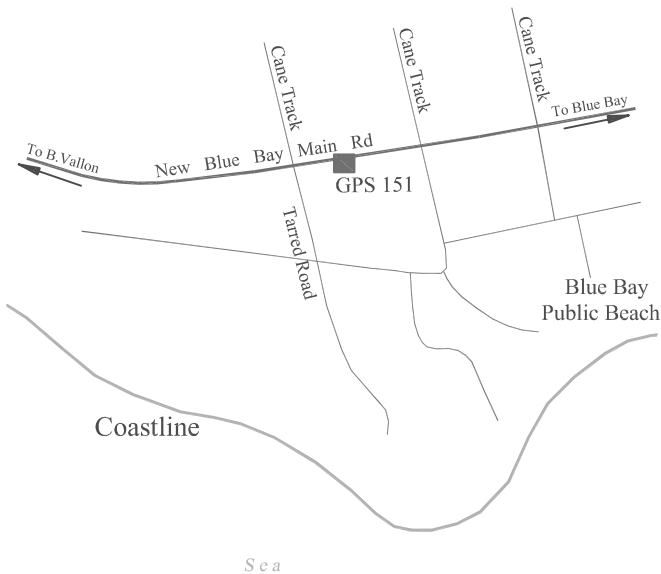
STATION DESCRIPTION

CONTROL POINT ID	GPS 151	LATITUDE (d m s) GDM 2008	S20°26'28.99151"
		LONGITUDE (d m s)	E57°42'37.47569"
LOCATION	BLUE BAY	COORDINATES MGM 2008	574,104.71 mE 7,739,513.18 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	265,220.12 mE 331,630.07 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,018,948.24 mE 973,055.80 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	10.699 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	6.769 m
		DATE: 09.05.11	

Control Point Sketch



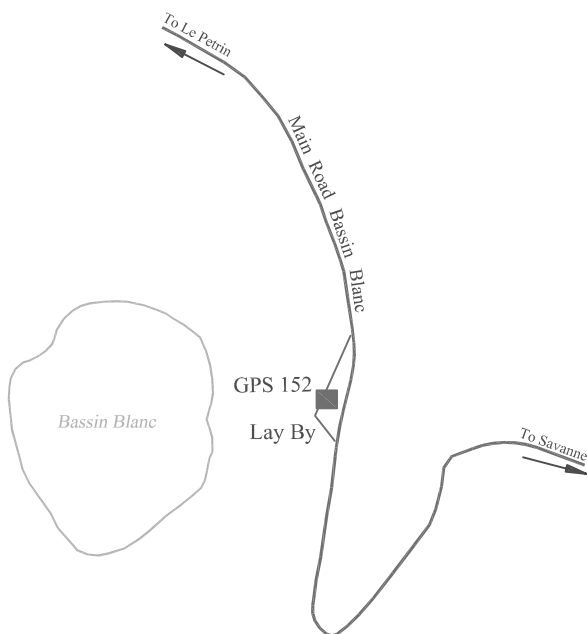
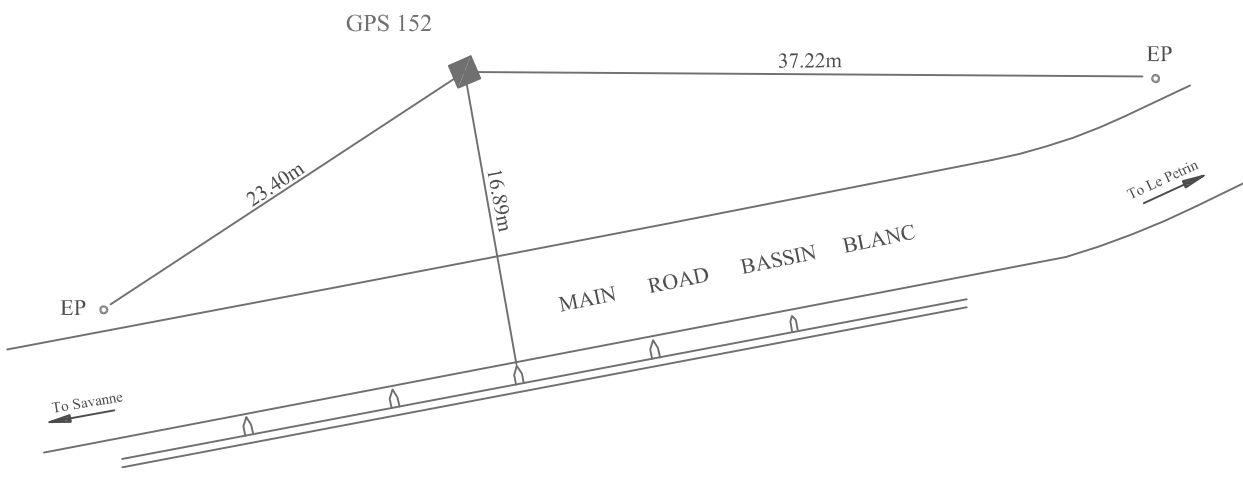
GPS
MHL 151
JL
2010



STATION DESCRIPTION

CONTROL POINT ID	GPS 152	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°27'12.03206" E57°28'39.29725"
LOCATION	BASSIN BLANC	COORDINATES MGM 2008	549,813.50 mE 7,738,278.00 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	240,924.75 mE 330,310.77 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	994,652.87 mE 971,743.79 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	492.186 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	488.806 m
DATE: 09.05.11			

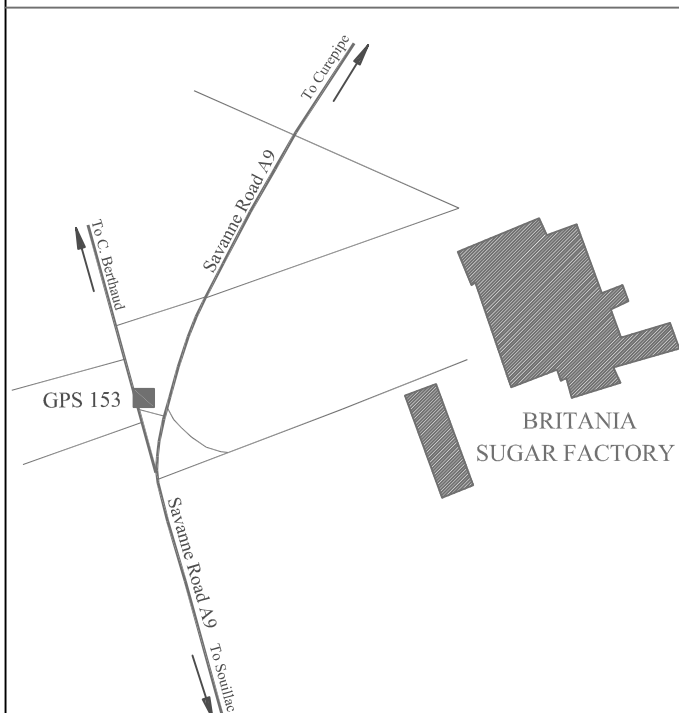
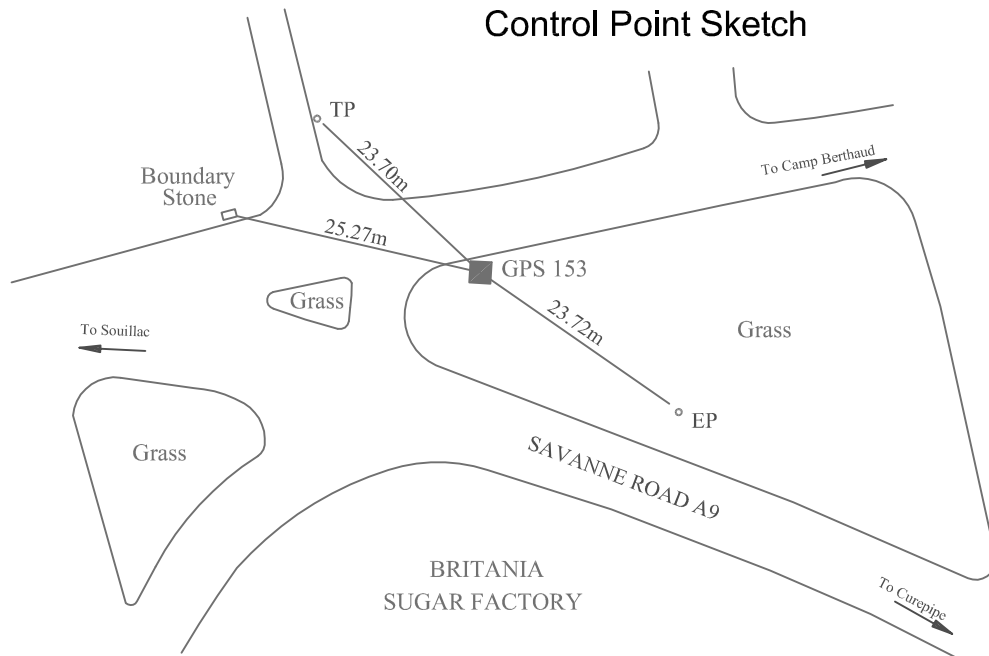
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 153	LATITUDE (d m s) GDM 2008	S20°27'20.42767"
		LONGITUDE (d m s)	E57°33'41.08179"
LOCATION	BRITANNIA	COORDINATES MGM 2008	558,556.47 mE 7,737,992.20 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	249,671.84 mE 330,054.96 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,003,399.75 mE 971,485.34 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	227.107 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	223.816 m
DATE: 09.05.11			

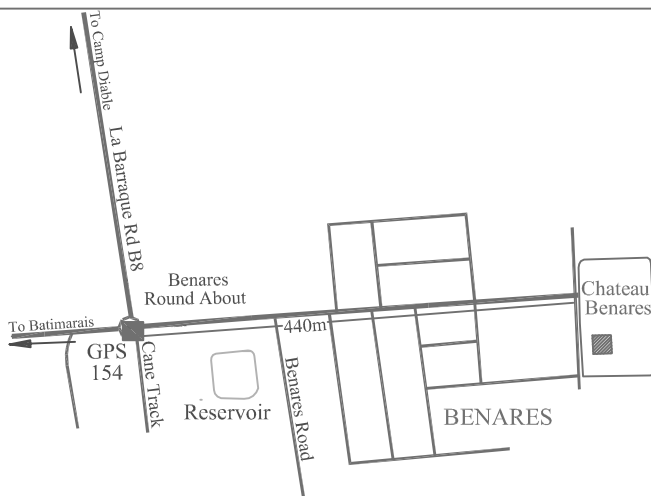
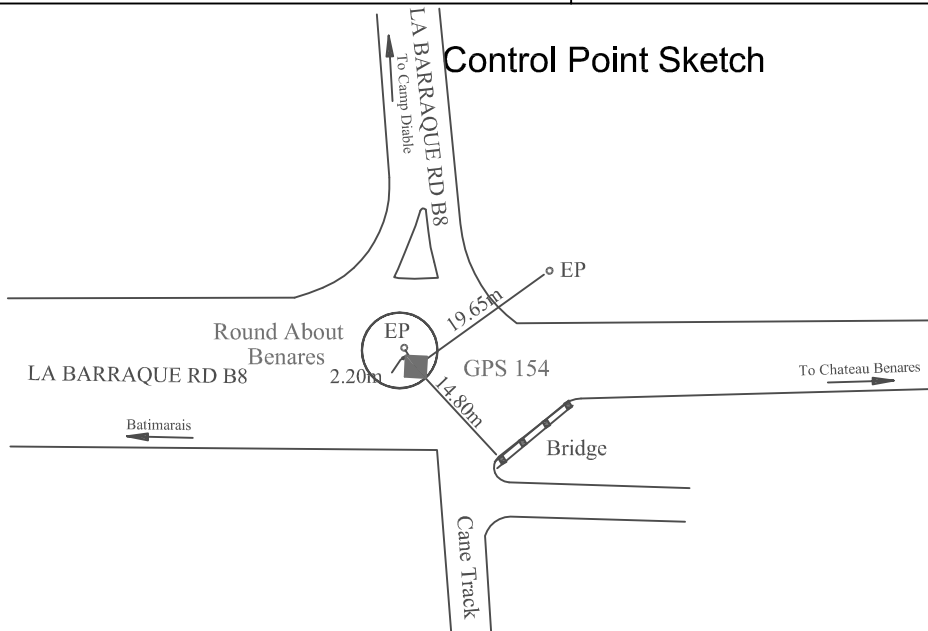
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 154	LATITUDE (d m s) GDM 2008	S20°29'05.61754"
		LONGITUDE (d m s)	E57°35'06.12009"
LOCATION	BENARES	COORDINATES MGM 2008	561,008.78 mE 7,734,749.86 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	252,136.20 mE 326,819.94 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,005,863.13 mE 968,249.61 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	114.504 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	110.593 m
		DATE: 09.05.11	

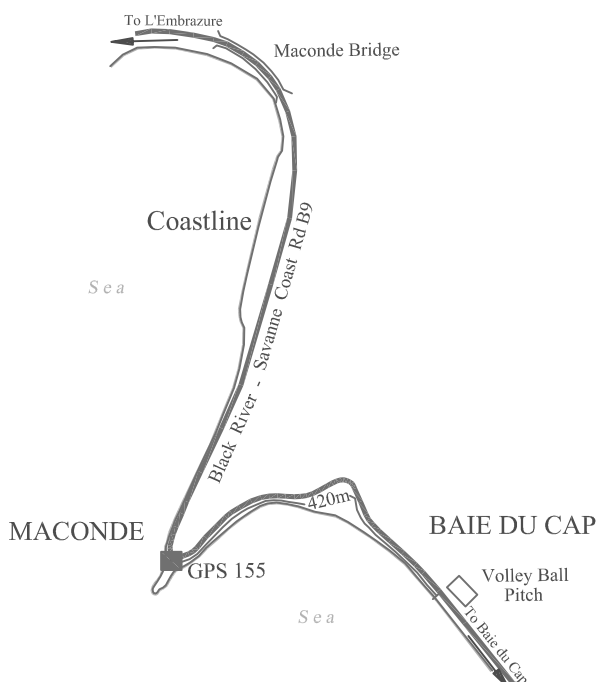
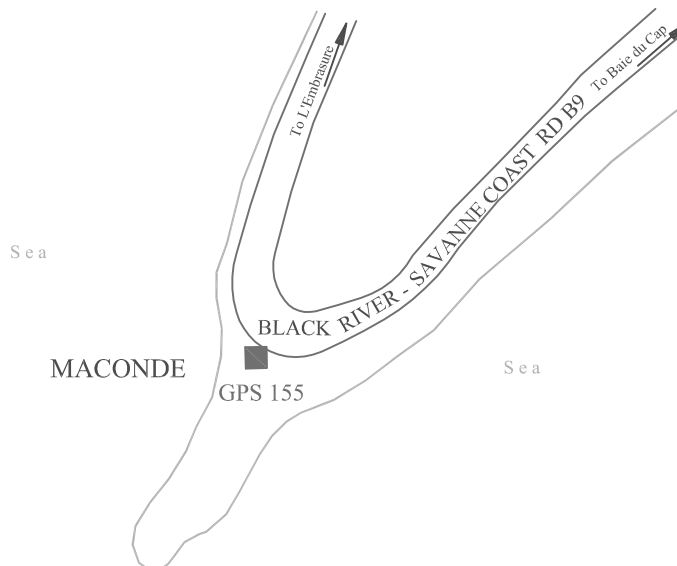
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 155	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°29'26.67815" E57°22'16.61710"
LOCATION	MACONDE	COORDINATES MGM 2008	538,716.52 mE 7,734,167.54 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	229,837.79 mE 326,160.63 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	983,564.84 mE 967,597.05 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	12.868 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	8.418 m
DATE: 09.05.11			

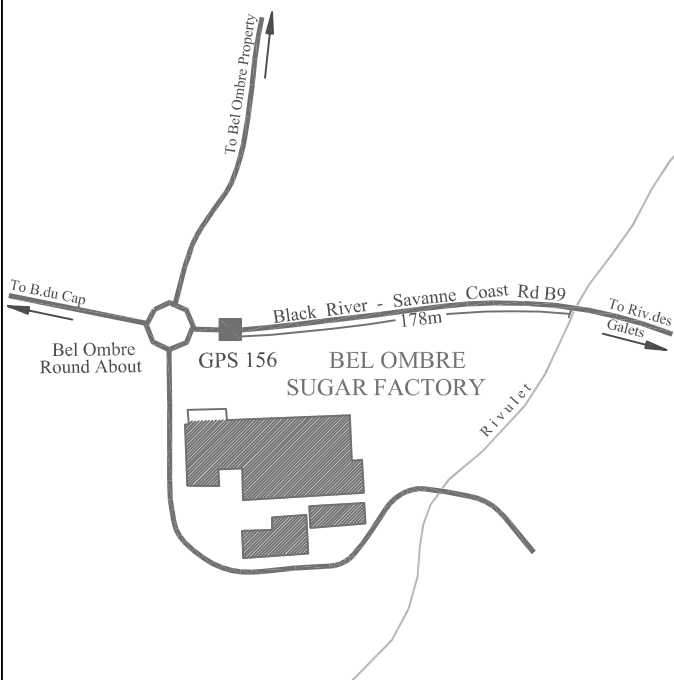
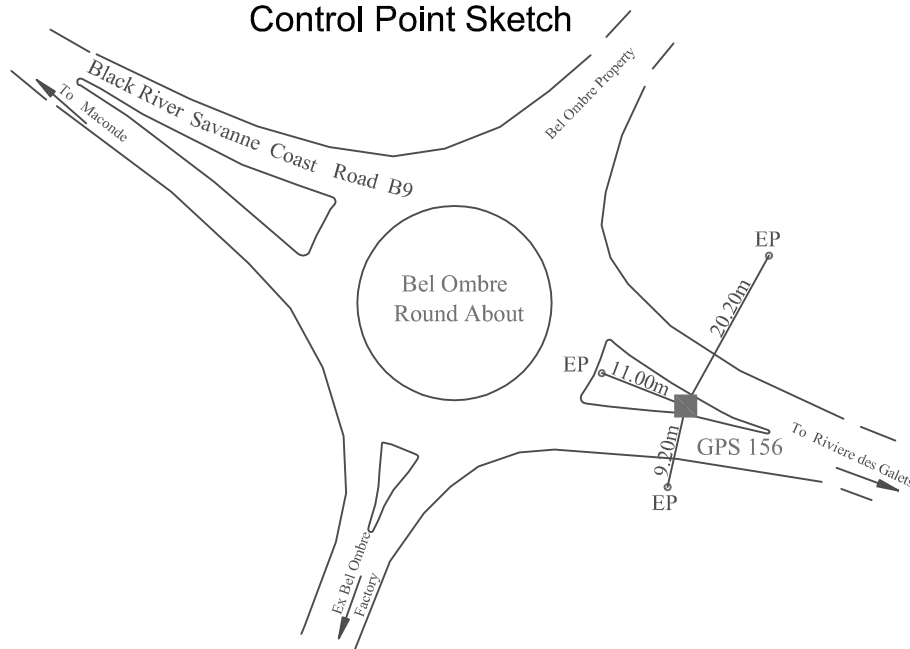
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 156	LATITUDE (d m s) GDM 2008	S20°30'16.41507"
		LONGITUDE (d m s)	E57°24'43.09504"
LOCATION	BEL OMBRE	COORDINATES MGM 2008	542,955.61 mE 7,732,628.41 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	234,083.77 mE 324,635.50 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	987,810.33 mE 966,070.67 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	8.917 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	4.657 m
		DATE: 09.05.11	

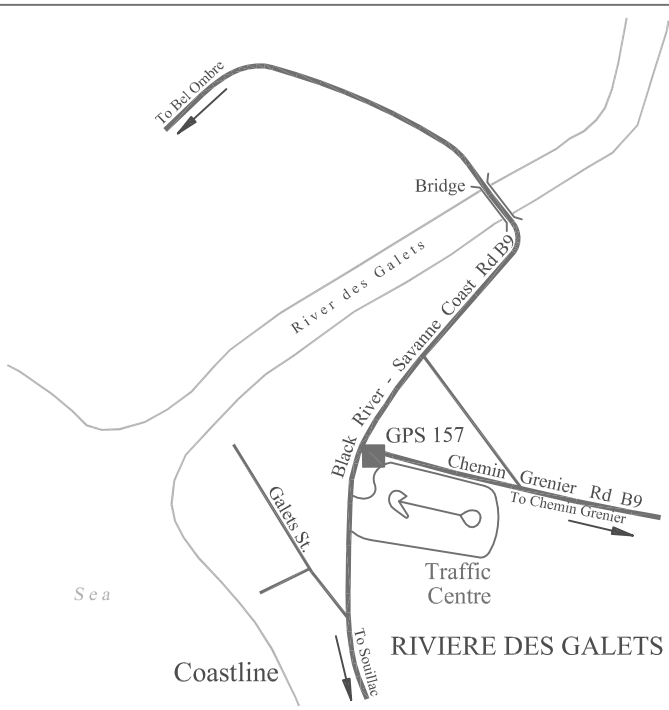
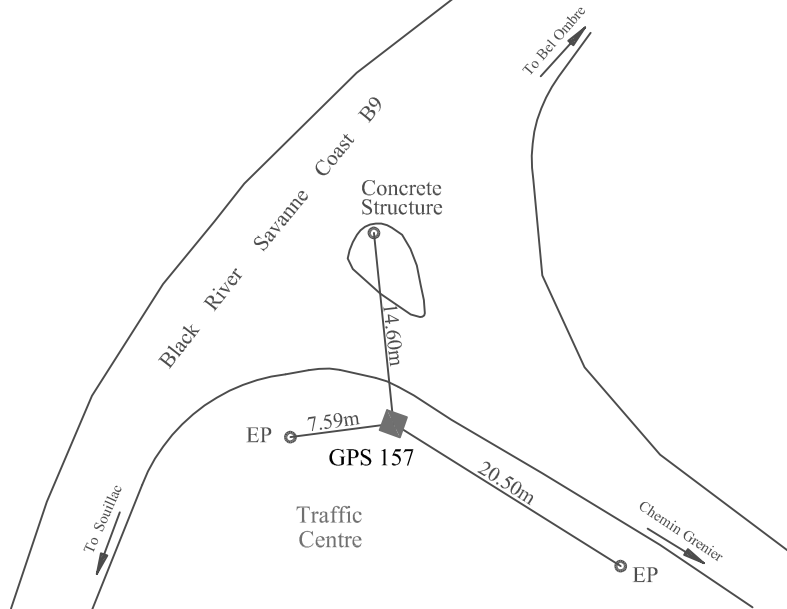
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 157	LATITUDE (d m s) GDM 2008 LONGITUDE (d m s)	S20°30'12.49492" E57°27'22.92751"
LOCATION	RIV DES GALETS	COORDINATES MGM 2008	547,585.33 mE 7,732,736.64 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	238,714.84 mE 324,759.71 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	992,441.36 mE 966,193.47 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	3.224 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	-0.938 m
DATE: 09.05.11			

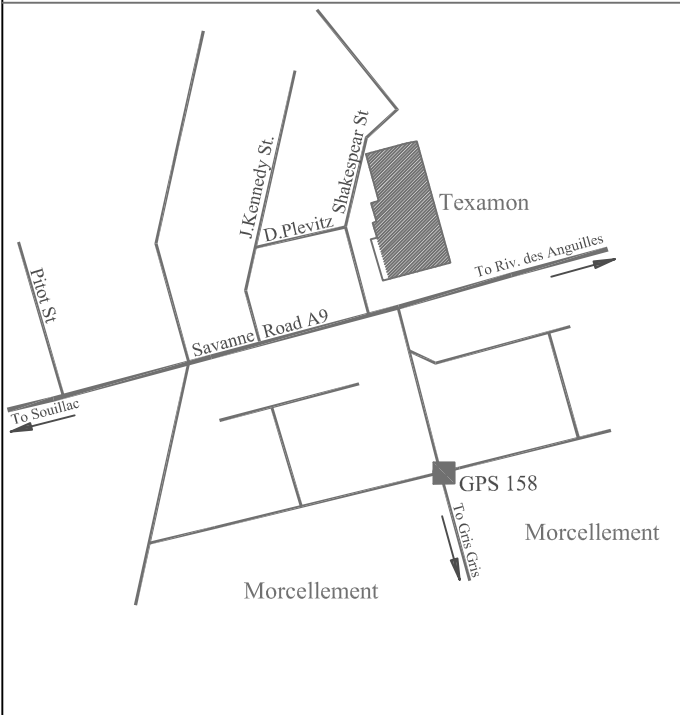
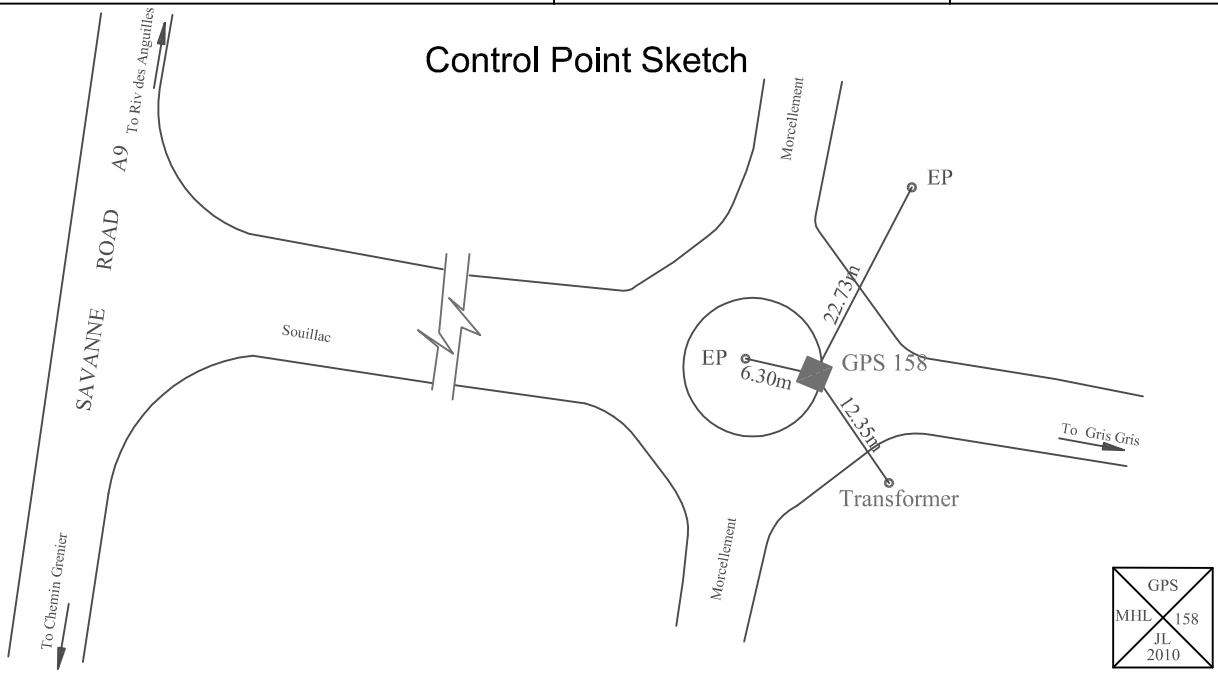
Control Point Sketch



STATION DESCRIPTION

CONTROL POINT ID	GPS 158	LATITUDE (d m s) GDM 2008	S20°31'07.56354"
		LONGITUDE (d m s)	E57°31'41.76382"
LOCATION	SOUILLAC	COORDINATES MGM 2008	555,076.88 mE 7,731,021.17 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	246,215.05 mE 323,069.45 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	999,940.94 mE 964,500.94 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	31.624 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	27.209 m
DATE: 09.05.11			

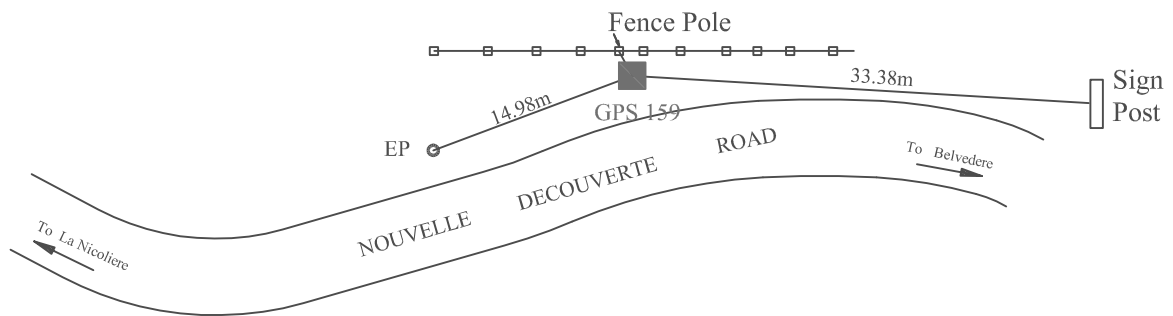
Control Point Sketch



STATION DESCRIPTION

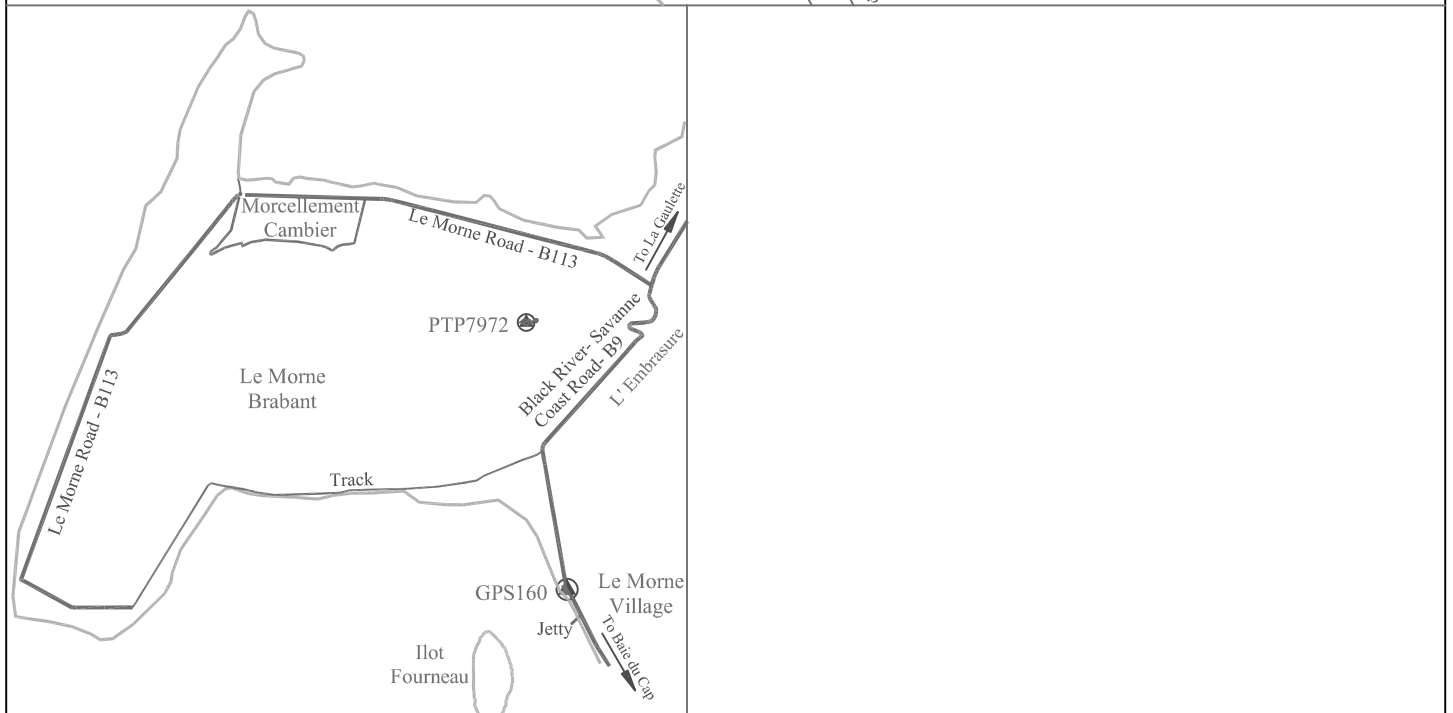
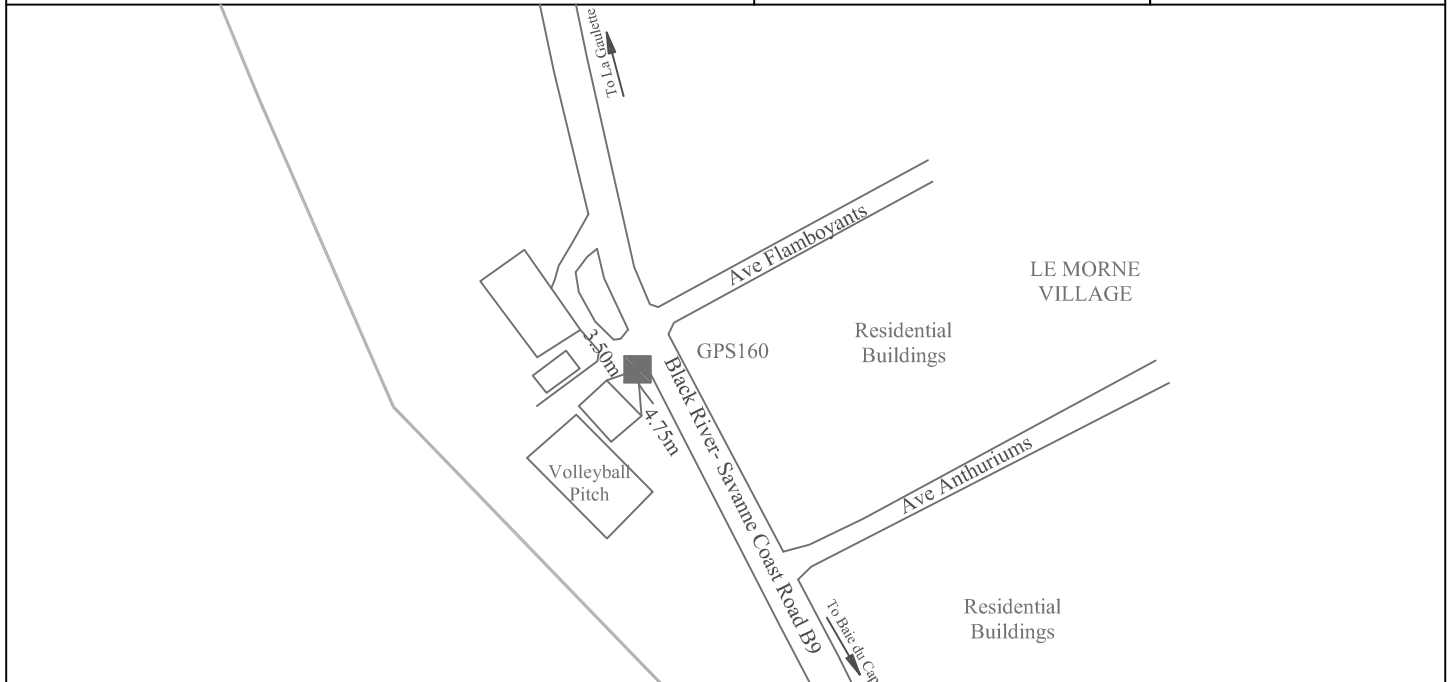
CONTROL POINT ID	GPS 159	LATITUDE (d m s) GDM 2008	S20°10'52.71944"
		LONGITUDE (d m s)	E57°37'44.34048"
LOCATION	SALAZIE	COORDINATES MGM 2008	565,720.31 mE 7,768,330.16 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	256,734.30 mE 360,427.84 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,010,470.88 mE 1,001,855.67 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	357.501 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	355.087 m
DATE: 09.05.11			

Control Point Sketch



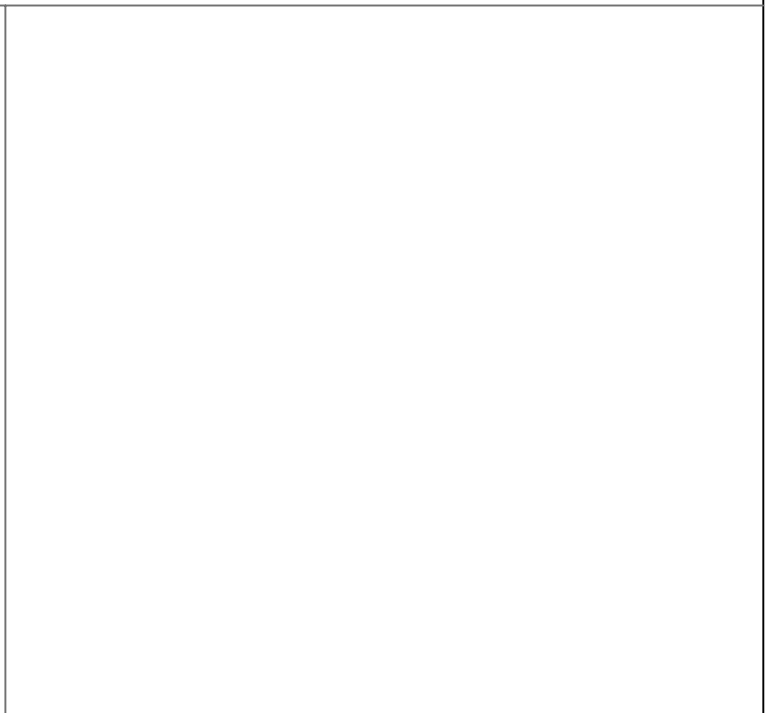
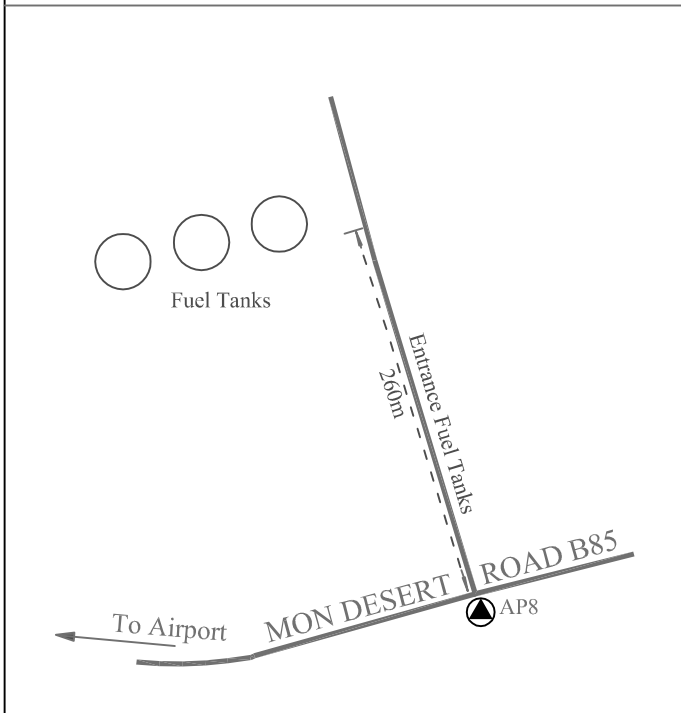
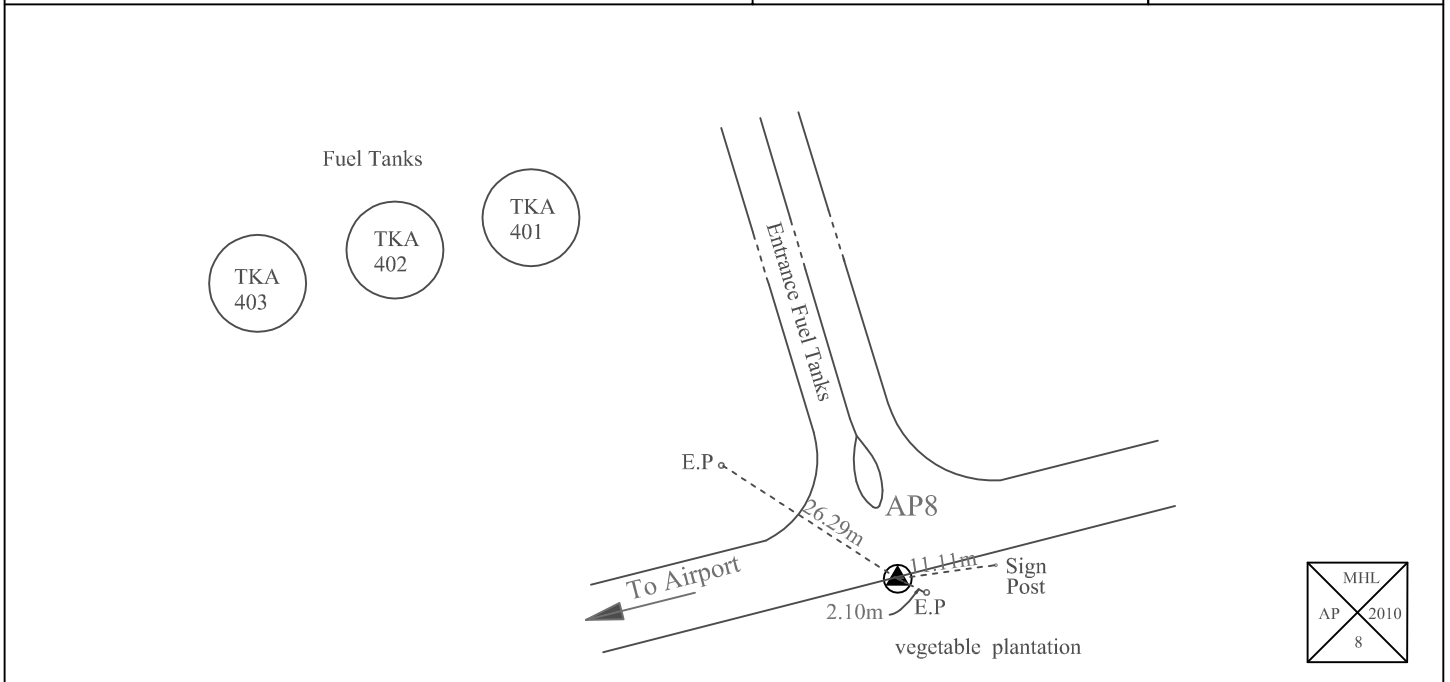
STATION DESCRIPTION

CONTROL POINT ID	GPS 160	LATITUDE (d m s) GDM 2008	S20°27'55.64838"
		LONGITUDE (d m s)	E57°20'30.64603"
LOCATION	LE MORNE VILLAGE	COORDINATES MGM 2008	535,652.77 mE 7,736,972.57 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	226,763.24 mE 328,956.20 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	980,491.16 mE 970,393.52 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	1.675 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	-2.787 m
DATE: 09.05.11			



STATION DESCRIPTION

CONTROL POINT ID	AP8	LATITUDE (d m s) GDM 2008	S20°26'37.74348"
		LONGITUDE (d m s)	E57°41'06.34655"
LOCATION	AIRPORT FUEL DEPOT	COORDINATES MGM 2008	571,462.95 mE 7,739,255.36 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	262,578.39 mE 331,363.04 mN
MARK	Iron rod in concrete	COORDINATES LCO- LE POUCE GRID	1,016,306.49 mE 972,789.56 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	32.387 m (EGM 2008 Geoid)
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	28.372 m
		DATE: 09.05.11	



STATION DESCRIPTION

CONTROL POINT ID	GPS 2181	LATITUDE (d m s) GDM 2008	S20°22'06.57704"
		LONGITUDE (d m s)	E57°44'20.95206"
LOCATION	BOIS DES AMOURETTES	COORDINATES MGM 2008	577,139.42 mE 7,747,567.14 mN
SURVEY BLOCK	Secondary	COORDINATES LGM 2012	268,228.08 mE 339,697.07 mN
MARK	Brass bolt in concrete	COORDINATES LCO- LE POUCE GRID	1,021,958.44 mE 981,121.85 mN
DESCRIBED BY	Cadastre Unit	HEIGHT (amsl)	1.491 m
REMARKS: Brass Bolt in Concrete slab, good condition		ELLIPSOIDAL HEIGHT	-2.002 m
DATE:	09.05.11		

