REPUBLICA DEL PARAGUAY
Municipalidad de Villeta

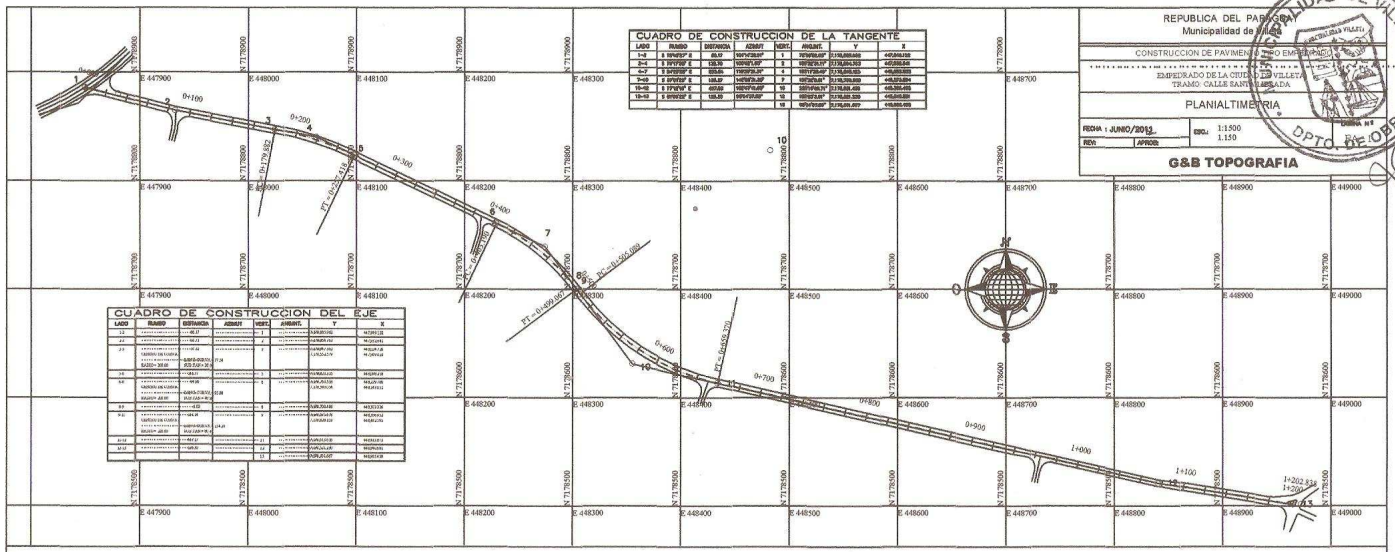
CONSTRUCCION DE PAVIMENTO TIPO EMPEDRADO
EMPEDRADO DE LA CIUDAD DE VILLETA
TRAMO: CALLE SANTA BARBARA

PLANIALTIMETRIA

FECHA : JUNIO/2013 | ESC.: 1:1500 / 1:150 | HOJA Nº
REV: | APROB:

G&B TOPOGRAFIA

MUNICIPALIDAD DE VILLETA · DPTO. DE OBRAS

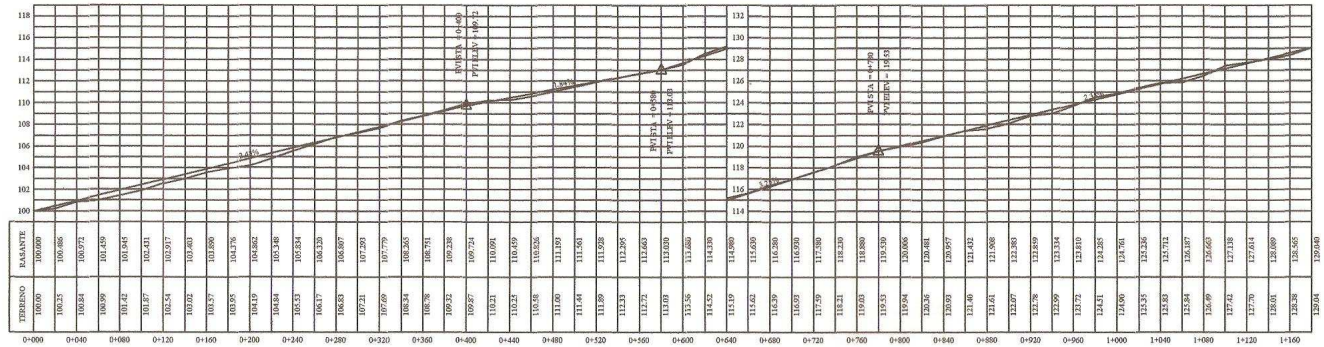


CUADRO DE CONSTRUCCION DE LA TANGENTE

LADO	RUMBO	DISTANCIA	AZIMUT	VERT.	AHUNT.	Y	X
1-2	S 19°41'57" E	69.57	160°41'03.00"	1	78°41'03.00"	2.176,000.000	447,000.000
2-4	S 19°41'57" E	135.70	160°41'03"	2	160°41'03.00"	2.176,064.252	447,030.945
4-7	S 24°23'55" E	203.05	156°23'05.00"	4	156°23'05.00"	2.176,185.023	447,093.003
7-10	S 20°27'55" E	105.57	160°27'05.00"	7	160°27'05.00"	2.176,284.969	447,131.004
10-12	S 17°41'54" E	407.64	162°41'06.00"	10	162°41'06.00"	2.176,506.459	447,205.455
12-13	S 19°41'57" E	126.20	160°41'03.00"	12	160°41'03.00"	2.176,625.320	447,245.589
				13	160°41'03.00"	2.176,625.320	447,245.589

CUADRO DE CONSTRUCCION DEL EJE

LADO	RUMBO	DISTANCIA	AZIMUT	VERT.	AHUNT.	Y	X
1-2		69.57		1		2.176,000.000	447,000.000
2-3		66.13		2		2.176,062.252	447,021.945
3-4		69.57		3		2.176,124.504	447,043.891
4-5		69.57		4		2.176,186.756	447,065.836
5-6		69.57		5		2.176,249.008	447,087.782
6-7		69.57		6		2.176,311.260	447,109.727
7-8		69.57		7		2.176,373.512	447,131.673
8-9		69.57		8		2.176,435.764	447,153.618
9-10		69.57		9		2.176,498.016	447,175.564
10-11		69.57		10		2.176,560.268	447,197.509
11-12		69.57		11		2.176,622.520	447,219.455
12-13		69.57		12		2.176,684.772	447,241.400
				13		2.176,747.024	447,263.346



	0+000	0+040	0+080	0+120	0+160	0+200	0+240	0+280	0+320	0+360	0+400	0+440	0+480	0+520	0+560	0+600	0+640	0+680	0+720	0+760	0+800	0+840	0+880	0+920	0+960	1+000	1+040	1+080	1+120	1+160
RASANTE	100.000	100.486	100.972	101.459	101.945	102.431	102.917	103.403	103.890	104.376	104.862	105.348	105.834	106.320	106.807	107.293	107.779	108.265	108.751	109.238	109.724	110.091	110.459	110.826	111.193	111.561	111.928	112.295	112.663	113.030
TERRENO	100.00	100.25	100.84	100.99	101.42	101.87	102.54	103.02	103.37	103.95	104.19	104.84	105.53	106.17	106.83	107.21	107.69	108.34	108.78	109.32	109.57	110.21	110.23	110.38	111.00	111.44	111.89	112.33	112.72	113.03

	1+200	1+240	1+280	1+320	1+360	1+400	1+440	1+480	1+520	1+560	1+600	1+640	1+680	1+720	1+760	1+800	1+840	1+880	1+920	1+960	2+000	2+040	2+080	2+120	2+160	2+200	2+240	2+280	2+320	2+360
RASANTE	113.680	114.330	114.980	115.630	116.280	116.930	117.580	118.230	118.880	119.530	120.006	120.481	120.957	121.432	121.908	122.383	122.859	123.334	123.810	124.285	124.761	125.236	125.712	126.187	126.663	127.138	127.614	128.089	128.565	129.040
TERRENO	113.86	114.52	115.19	115.62	116.39	116.93	117.59	118.21	119.03	119.53	119.94	120.46	120.93	121.40	121.61	122.07	122.78	122.99	123.72	124.31	124.60	125.35	125.83	125.84	126.49	127.42	127.70	128.01	128.38	129.04