



ÍNDICE

1.	INTRODUCCIÓN	1
2.	CÁLCULOS DE REPLANTEO	2
3.	RED DE BASES DE REPLANTEO	2
4.	LISTADOS.....	3
4.1.	EJE RUA SEVERINO COBAS	3



1. INTRODUCCIÓN

El presente Anejo contiene los datos necesarios para el replanteo, a partir de las bases de replanteo del eje principal de la obra.

Aunque en los siguientes apartados se describe los listados correspondiente a la actuación global de la urbanización de la rúa Severino Cobas, la fase que se desarrolla en el presente proyecto discurre entre el cruce con la Baixada a Capitán (P.K. 0+560) y el nº 186 (P.K. 1+200).

2. CÁLCULOS DE REPLANTEO

A continuación se incluyen los listados para el replanteo del eje del tronco desde las bases cuyas coordenadas se indican.

3. RED DE BASES DE REPLANTEO

Se han implantado un total de 6 bases de replanteo a lo largo del trazado.

Para ello se han utilizado técnicas GPS con los mismos equipos descritos anteriormente.

Coordenadas de BASES DE REPLANTEO

Nombre	X	Y	Z
BR-1	525 104,902	4 675 187,886	62,302
BR-2	525 015,510	4 674 836,904	44,247
BR-3	526 117,224	4 674 405,025	131,413
BR-4	526 361,445	4 675 252,231	79.921
BR-5	525 996,731	4 675 082,894	50,910
BR-6	525 893,369	4 675 139,132	44,323
BR-7	525 786,992	4 675 053,331	39,871
BR-8	525 573,819	4 675 081,471	40,373
BR-9	525 433,358	4 675 046,544	41,490

Nombre	X	Y	Z
BR-10	525 355,396	4 675 003,738	42,700
BR-11	525 277,358	4 674 996,816	41,806
BR-12	525 198,889	4 674 948,309	44,279
BR-13	525 132,912	4 675 014,666	50,325
BR-14	525 055,484	4 675 042,301	55,505



4. LISTADOS

4.1. EJE RUA SEVERINO COBAS

PROYECTO : URBANIZACIÓN RUA SEVERINO COBAS
EJE : 1: EJE RUA SEVERINO COBAS

=====
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
=====

BR : BR14 X: 525055.484 Y: 4675042.301 Z: 55.505
BO : BR13 X: 525132.912 Y: 4675014.666 Z: 50.325
Distancia: 82.212 Azimut: 121.8246

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
RECTA	0.000	116.480443	0.000	525056.385	4675038.040	186.727894	4.355	64.903335	318.871823	80.017	
RECTA	20.000	116.480443	0.000	525075.719	4675032.920	127.635561	22.304	5.811001	319.668313	60.035	
RECTA	40.000	116.480443	0.000	525095.053	4675027.800	122.362505	42.142	0.537946	321.258842	40.073	
CLOT.	58.579	116.480443	0.000	525113.013	4675023.044	120.563426	60.666	398.738866	325.369645	21.591	
CLOT.	60.000	116.551840	0.000	525114.386	4675022.680	120.470593	62.084	398.646033	325.991668	20.185	
CIRC.	69.167	120.445549	0.000	525123.188	4675020.122	120.153236	71.244	398.328676	332.552755	11.150	
CIRC.	80.000	128.558763	0.000	525133.221	4675016.058	120.726590	82.047	398.902030	13.913018	1.426	

EJE : 1: EJE RUA SEVERINO COBAS

BR : BR13 X: 525132.912 Y: 4675014.666 Z: 50.325
BO : BR14 X: 525055.484 Y: 4675042.301 Z: 55.505
Distancia: 82.212 Azimut: 321.8246

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
RECTA	0.000	116.480443	0.000	525056.385	4675038.040	318.871823	80.017	397.047264	186.727894	4.355	
RECTA	20.000	116.480443	0.000	525075.719	4675032.920	319.668313	60.035	397.843753	127.635561	22.304	
RECTA	40.000	116.480443	0.000	525095.053	4675027.800	321.258842	40.073	399.434282	122.362505	42.142	
CLOT.	58.579	116.480443	0.000	525113.013	4675023.044	325.369645	21.591	3.545085	120.563426	60.666	
CLOT.	60.000	116.551840	0.000	525114.386	4675022.680	325.991668	20.185	4.167108	120.470593	62.084	
CIRC.	69.167	120.445549	0.000	525123.188	4675020.122	332.552755	11.150	10.728195	120.153236	71.244	
CIRC.	80.000	128.558763	0.000	525133.221	4675016.058	13.913018	1.426	92.088458	120.726590	82.047	



EJE : 1: EJE RUA SEVERINO COBAS

=====
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
=====

BR : BR13 X: 525132.912 Y: 4675014.666 Z: 50.325
BO : BR12 X: 525198.889 Y: 4674948.309 Z: 44.279

Distancia: 93.575 Azimut: 150.1828

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	80.000	128.558763	0.000	525133.221	4675016.058	13.913018	1.426	263.730211	350.993014	94.351	
CIRC.	100.000	143.538051	0.000	525150.061	4675005.353	131.671273	19.514	381.488467	354.930508	75.088	
CLOT.	113.226	153.444141	0.000	525159.622	4674996.234	138.452866	32.453	388.270059	356.301545	61.957	
CLOT.	120.000	156.894600	0.000	525163.985	4674991.054	141.366989	39.027	391.184183	356.407297	55.185	
CLOT.	123.815	157.409247	0.000	525166.359	4674988.068	142.769168	42.734	392.586361	356.345637	51.371	
CIRC.	128.483	154.326227	0.000	525169.313	4674984.454	144.102230	47.305	393.919424	356.342043	46.703	
CIRC.	140.000	139.113879	0.000	525177.845	4674976.759	144.613734	58.787	394.430927	359.455574	35.387	
CIRC.	160.000	112.696969	0.000	525196.081	4674968.900	139.915384	78.005	389.732578	391.369961	20.781	

EJE : 1: EJE RUA SEVERINO COBAS

BR : BR12 X: 525198.889 Y: 4674948.309 Z: 44.279
BO : BR13 X: 525132.912 Y: 4675014.666 Z: 50.325

Distancia: 93.575 Azimut: 350.1828

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	80.000	128.558763	0.000	525133.221	4675016.058	350.993014	94.351	0.810207	13.913018	1.426	
CIRC.	100.000	143.538051	0.000	525150.061	4675005.353	354.930508	75.088	4.747701	131.671273	19.514	
CLOT.	113.226	153.444141	0.000	525159.622	4674996.234	356.301545	61.957	6.118739	138.452866	32.453	
CLOT.	120.000	156.894600	0.000	525163.985	4674991.054	356.407297	55.185	6.224491	141.366989	39.027	
CLOT.	123.815	157.409247	0.000	525166.359	4674988.068	356.345637	51.371	6.162830	142.769168	42.734	
CIRC.	128.483	154.326227	0.000	525169.313	4674984.454	356.342043	46.703	6.159237	144.102230	47.305	
CIRC.	140.000	139.113879	0.000	525177.845	4674976.759	359.455574	35.387	9.272768	144.613734	58.787	
CIRC.	160.000	112.696969	0.000	525196.081	4674968.900	391.369961	20.781	41.187155	139.915384	78.005	



EJE : 1: EJE RUA SEVERINO COBAS

```
=====
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
=====
```

BR : BR12 X: 525198.889 Y: 4674948.309 Z: 44.279
BO : BR11 X: 525277.358 Y: 4674996.816 Z: 41.806

Distancia: 92.251 Azimut: 64.7522

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	160.000	112.696969	0.000	525196.081	4674968.900	391.369961	20.781	326.617758	278.937657	85.938	
CIRC.	180.000	86.280060	0.000	525215.937	4674969.059	43.783977	26.855	379.031774	272.979223	67.402	
CLOT.	195.580	65.700893	0.000	525230.359	4674974.772	55.488796	41.117	390.736593	272.079692	51.912	
CLOT.	200.000	62.626612	0.000	525234.079	4674977.157	56.284375	45.503	391.532171	272.856228	47.534	
CLOT.	200.249	62.617872	0.000	525234.286	4674977.295	56.318742	45.751	391.566539	272.909794	47.289	
CIRC.	213.895	66.322733	0.000	525245.790	4674984.632	58.047800	59.322	393.295596	276.551526	33.838	
CIRC.	220.000	69.637583	0.000	525251.138	4674987.575	58.971720	65.359	394.219517	278.428140	27.801	
CIRC.	240.000	80.497111	0.000	525269.601	4674995.200	62.723100	84.847	397.970896	286.922312	7.923	

EJE : 1: EJE RUA SEVERINO COBAS

BR : BR11 X: 525277.358 Y: 4674996.816 Z: 41.806
BO : BR12 X: 525198.889 Y: 4674948.309 Z: 44.279

Distancia: 92.251 Azimut: 264.7522

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	160.000	112.696969	0.000	525196.081	4674968.900	278.937657	85.938	14.185454	391.369961	20.781	
CIRC.	180.000	86.280060	0.000	525215.937	4674969.059	272.979223	67.402	8.227019	43.783977	26.855	
CLOT.	195.580	65.700893	0.000	525230.359	4674974.772	272.079692	51.912	7.327489	55.488796	41.117	
CLOT.	200.000	62.626612	0.000	525234.079	4674977.157	272.856228	47.534	8.104024	56.284375	45.503	
CLOT.	200.249	62.617872	0.000	525234.286	4674977.295	272.909794	47.289	8.157591	56.318742	45.751	
CIRC.	213.895	66.322733	0.000	525245.790	4674984.632	276.551526	33.838	11.799323	58.047800	59.322	
CIRC.	220.000	69.637583	0.000	525251.138	4674987.575	278.428140	27.801	13.675937	58.971720	65.359	
CIRC.	240.000	80.497111	0.000	525269.601	4674995.200	286.922312	7.923	22.170109	62.723100	84.847	



EJE : 1: EJE RUA SEVERINO COBAS

```
=====
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
=====
```

BR : BR11 X: 525277.358 Y: 4674996.816 Z: 41.806
BO : BR10 X: 525355.396 Y: 4675003.738 Z: 42.700

Distancia: 78.344 Azimut: 94.3679

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	240.000	80.497111	0.000	525269.601	4674995.200	286.922312	7.923	192.554414	293.685202	86.219	
CLOT.	255.882	89.120795	0.000	525285.022	4674998.951	82.704101	7.955	388.336203	295.676127	70.537	
CLOT.	260.000	91.140750	0.000	525289.090	4674999.584	85.248071	12.054	390.880173	296.017165	66.436	
CLOT.	277.205	94.909639	0.000	525306.207	4675001.296	90.191246	29.195	395.823347	296.842636	49.250	
CLOT.	280.000	94.840559	0.000	525308.993	4675001.521	90.601224	31.983	396.233325	296.960306	46.456	
CIRC.	291.605	93.076174	0.000	525320.549	4675002.584	91.547680	43.574	397.179782	297.893112	34.866	
CIRC.	300.000	90.938373	0.000	525328.877	4675003.635	91.621920	51.969	397.254021	299.753929	26.519	
CIRC.	320.000	85.845415	0.000	525348.541	4675007.261	90.724597	71.945	396.356699	330.221778	7.708	

EJE : 1: EJE RUA SEVERINO COBAS

BR : BR10 X: 525355.396 Y: 4675003.738 Z: 42.700
BO : BR11 X: 525277.358 Y: 4674996.816 Z: 41.806

Distancia: 78.344 Azimut: 294.3679

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	240.000	80.497111	0.000	525269.601	4674995.200	293.685202	86.219	399.317304	286.922312	7.923	
CLOT.	255.882	89.120795	0.000	525285.022	4674998.951	295.676127	70.537	1.308229	82.704101	7.955	
CLOT.	260.000	91.140750	0.000	525289.090	4674999.584	296.017165	66.436	1.649267	85.248071	12.054	
CLOT.	277.205	94.909639	0.000	525306.207	4675001.296	296.842636	49.250	2.474737	90.191246	29.195	
CLOT.	280.000	94.840559	0.000	525308.993	4675001.521	296.960306	46.456	2.592407	90.601224	31.983	
CIRC.	291.605	93.076174	0.000	525320.549	4675002.584	297.893112	34.866	3.525213	91.547680	43.574	
CIRC.	300.000	90.938373	0.000	525328.877	4675003.635	299.753929	26.519	5.386030	91.621920	51.969	
CIRC.	320.000	85.845415	0.000	525348.541	4675007.261	330.221778	7.708	35.853879	90.724597	71.945	



EJE : 1: EJE RUA SEVERINO COBAS

=====
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
=====

BR : BR10 X: 525355.396 Y: 4675003.738 Z: 42.700
BO : BR9 X: 525433.358 Y: 4675046.544 Z: 41.490

Distancia: 88.941 Azimut: 68.0339

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.		320.000	85.845415	0.000	525348.541	4675007.261	330.221778	7.708	262.187924	272.387752	93.473
CIRC.		340.000	80.752457	0.000	525367.851	4675012.447	61.154337	15.198	393.120483	269.446967	73.850
CIRC.		360.000	75.659499	0.000	525386.686	4675019.159	70.849154	34.883	2.815301	266.219377	54.114
CLOT.		372.174	72.559424	0.000	525397.865	4675023.974	71.692423	47.044	3.658569	263.941288	42.061
CLOT.		380.000	71.108081	0.000	525404.933	4675027.334	71.699707	54.870	3.665853	262.165740	34.307
CLOT.		386.574	70.725959	0.000	525410.830	4675030.240	71.609154	61.443	3.575301	260.118024	27.809
CLOT.		400.000	71.299740	0.000	525422.879	4675036.162	71.485074	74.869	3.451220	250.296835	14.751

EJE : 1: EJE RUA SEVERINO COBAS

BR : BR9 X: 525433.358 Y: 4675046.544 Z: 41.490
BO : BR10 X: 525355.396 Y: 4675003.738 Z: 42.700

Distancia: 88.941 Azimut: 268.0339

TIPO	PK	Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.		320.000	85.845415	0.000	525348.541	4675007.261	272.387752	93.473	4.353898	330.221778	7.708
CIRC.		340.000	80.752457	0.000	525367.851	4675012.447	269.446967	73.850	1.413113	61.154337	15.198
CIRC.		360.000	75.659499	0.000	525386.686	4675019.159	266.219377	54.114	398.185523	70.849154	34.883
CLOT.		372.174	72.559424	0.000	525397.865	4675023.974	263.941288	42.061	395.907435	71.692423	47.044
CLOT.		380.000	71.108081	0.000	525404.933	4675027.334	262.165740	34.307	394.131887	71.699707	54.870
CLOT.		386.574	70.725959	0.000	525410.830	4675030.240	260.118024	27.809	392.084170	71.609154	61.443
CLOT.		400.000	71.299740	0.000	525422.879	4675036.162	250.296835	14.751	382.262981	71.485074	74.869



EJE : 1: EJE RUA SEVERINO COBAS

```
=====
* * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
=====
```

BR : BR9 X: 525433.358 Y: 4675046.544 Z: 41.490
BO : BR8 X: 525573.819 Y: 4675081.471 Z: 40.373

Distancia: 144.738 Azimut: 84.4845

TIPO	PK Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CLOT.	400.000	71.299740	0.000	525422.879	4675036.162	250.296835	14.751	165.812333	281.434983	157.593
CIRC.	408.796	72.297860	0.000	525430.824	4675039.938	223.319499	7.076	138.834998	282.004444	148.905
CIRC.	420.000	73.882875	0.000	525441.041	4675044.534	116.291049	7.942	31.806547	282.726729	137.820
CIRC.	440.000	76.712296	0.000	525459.553	4675052.100	86.693454	26.778	2.208952	283.983237	117.980
CIRC.	460.000	79.541718	0.000	525478.382	4675058.837	83.031926	46.672	398.547424	285.175653	98.084
CLOT.	465.559	80.328121	0.000	525483.667	4675060.560	82.702417	52.225	398.217915	285.490084	92.545
CLOT.	480.000	82.709829	0.000	525497.500	4675064.706	82.433853	66.664	397.949351	286.233915	78.139
CIRC.	487.337	84.179278	0.000	525504.589	4675066.594	82.532607	73.999	398.048105	286.524326	70.810
CIRC.	500.000	86.866548	0.000	525516.926	4675069.449	82.969437	86.650	398.484935	286.742382	58.150
CIRC.	520.000	91.110680	0.000	525536.624	4675072.890	84.097188	106.573	399.612686	285.565889	38.172
CIRC.	540.000	95.354812	0.000	525556.507	4675075.012	85.537627	126.397	1.053125	277.265500	18.478



EJE : 1: EJE RUA SEVERINO COBAS

=====

* * * DATOS PARA REPLANTEO DE PUNTOS * * *

=====

BR : BR8 X: 525573.819 Y: 4675081.471 Z: 40.373

BO : BR9 X: 525433.358 Y: 4675046.544 Z: 41.490

Distancia: 144.738 Azimut: 284.4845

TIPO	PK Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CLOT.	400.000	71.299740	0.000	525422.879	4675036.162	281.434983	157.593	396.950481	250.296835	14.751
CIRC.	408.796	72.297860	0.000	525430.824	4675039.938	282.004444	148.905	397.519942	223.319499	7.076
CIRC.	420.000	73.882875	0.000	525441.041	4675044.534	282.726729	137.820	398.242227	116.291049	7.942
CIRC.	440.000	76.712296	0.000	525459.553	4675052.100	283.983237	117.980	399.498735	86.693454	26.778
CIRC.	460.000	79.541718	0.000	525478.382	4675058.837	285.175653	98.084	0.691151	83.031926	46.672
CLOT.	465.559	80.328121	0.000	525483.667	4675060.560	285.490084	92.545	1.005582	82.702417	52.225
CLOT.	480.000	82.709829	0.000	525497.500	4675064.706	286.233915	78.139	1.749413	82.433853	66.664
CIRC.	487.337	84.179278	0.000	525504.589	4675066.594	286.524326	70.810	2.039824	82.532607	73.999
CIRC.	500.000	86.866548	0.000	525516.926	4675069.449	286.742382	58.150	2.257880	82.969437	86.650
CIRC.	520.000	91.110680	0.000	525536.624	4675072.890	285.565889	38.172	1.081387	84.097188	106.573
CIRC.	540.000	95.354812	0.000	525556.507	4675075.012	277.265500	18.478	392.780999	85.537627	126.397



EJE : 1: EJE RUA SEVERINO COBAS

```
=====
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
=====
```

BR : BR8 X: 525573.819 Y: 4675081.471 Z: 40.373
BO : BR7 X: 525786.992 Y: 4675053.331 Z: 39.871

Distancia: 215.022 Azimut: 108.3554

TIPO	PK Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	540.000	95.354812	0.000	525556.507	4675075.012	277.265500	18.478	168.910081	305.970835	231.502
CIRC.	560.000	99.598944	0.000	525576.488	4675075.804	171.982371	6.264	63.626951	306.770779	211.701
CIRC.	580.000	103.843075	0.000	525596.477	4675075.264	117.023695	23.493	8.668276	307.296774	191.774
CLOT.	582.059	104.279942	0.000	525598.531	4675075.132	115.984885	25.512	7.629465	307.331866	189.718
CLOT.	600.000	106.486254	0.000	525616.401	4675073.542	111.719775	43.314	3.364355	307.507500	171.784
RECTA	603.392	106.543479	0.000	525619.775	4675073.195	111.342792	46.695	2.987372	307.527302	168.393
RECTA	620.000	106.543479	0.000	525636.295	4675071.491	110.084083	63.268	1.728663	307.634944	151.787
RECTA	640.000	106.543479	0.000	525656.190	4675069.439	109.233849	83.245	0.878429	307.800573	131.790
RECTA	660.000	106.543479	0.000	525676.084	4675067.387	108.712763	103.231	0.357344	308.025452	111.795
CLOT.	678.911	106.543479	0.000	525694.895	4675065.447	108.376940	122.132	0.021520	308.327125	92.890
CLOT.	680.000	106.551189	0.000	525695.979	4675065.335	108.360755	123.221	0.005336	308.348258	91.801
CIRC.	698.511	109.039029	0.000	525714.362	4675063.181	108.238438	141.728	399.883018	308.581626	73.295
CIRC.	700.000	109.418297	0.000	525715.836	4675062.966	108.248735	143.218	399.893316	308.568205	71.805
CLOT.	709.228	111.768285	0.000	525724.937	4675061.438	108.390630	152.440	0.035210	308.269654	62.583
CLOT.	720.000	113.757525	0.000	525735.488	4675059.272	108.687271	163.186	0.331851	307.310869	51.846
CLOT.	728.828	114.263834	0.000	525744.101	4675057.333	108.964533	171.984	0.609113	305.923035	43.078
CIRC.	737.816	107.835703	0.000	525752.922	4675055.633	109.121187	180.957	0.765767	304.294792	34.148
CIRC.	740.000	104.711716	0.000	525755.095	4675055.418	109.087245	183.139	0.731826	304.159622	31.965
CLOT.	743.230	100.091580	0.000	525758.322	4675055.296	108.971607	186.350	0.616187	304.357138	28.737
CIRC.	752.234	91.341063	0.000	525767.291	4675055.998	108.333885	195.142	399.978466	308.566794	19.881
CIRC.	760.000	87.354432	0.000	525774.948	4675057.291	107.616841	202.577	399.261421	320.224528	12.679



EJE : 1: EJE RUA SEVERINO COBAS

=====

* * * DATOS PARA REPLANTEO DE PUNTOS * * *

=====

BR : BR7 X: 525786.992 Y: 4675053.331 Z: 39.871 Distancia: 215.022 Azimut: 308.3554

BO : BR8 X: 525573.819 Y: 4675081.471 Z: 40.373

TIPO	PK Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	540.000	95.354812	0.000	525556.507	4675075.012	305.970835	231.502	397.615415	277.265500	18.478
CIRC.	560.000	99.598944	0.000	525576.488	4675075.804	306.770779	211.701	398.415360	171.982371	6.264
CIRC.	580.000	103.843075	0.000	525596.477	4675075.264	307.296774	191.774	398.941354	117.023695	23.493
CLOT.	582.059	104.279942	0.000	525598.531	4675075.132	307.331866	189.718	398.976446	115.984885	25.512
CLOT.	600.000	106.486254	0.000	525616.401	4675073.542	307.507500	171.784	399.152080	111.719775	43.314
RECTA	603.392	106.543479	0.000	525619.775	4675073.195	307.527302	168.393	399.171882	111.342792	46.695
RECTA	620.000	106.543479	0.000	525636.295	4675071.491	307.634944	151.787	399.279524	110.084083	63.268
RECTA	640.000	106.543479	0.000	525656.190	4675069.439	307.800573	131.790	399.445153	109.233849	83.245
RECTA	660.000	106.543479	0.000	525676.084	4675067.387	308.025452	111.795	399.670032	108.712763	103.231
CLOT.	678.911	106.543479	0.000	525694.895	4675065.447	308.327125	92.890	399.971705	108.376940	122.132
CLOT.	680.000	106.551189	0.000	525695.979	4675065.335	308.348258	91.801	399.992838	108.360755	123.221
CIRC.	698.511	109.039029	0.000	525714.362	4675063.181	308.581626	73.295	0.226206	108.238438	141.728
CIRC.	700.000	109.418297	0.000	525715.836	4675062.966	308.568205	71.805	0.212785	108.248735	143.218
CLOT.	709.228	111.768285	0.000	525724.937	4675061.438	308.269654	62.583	399.914235	108.390630	152.440
CLOT.	720.000	113.757525	0.000	525735.488	4675059.272	307.310869	51.846	398.955449	108.687271	163.186
CLOT.	728.828	114.263834	0.000	525744.101	4675057.333	305.923035	43.078	397.567615	108.964533	171.984
CIRC.	737.816	107.835703	0.000	525752.922	4675055.633	304.294792	34.148	395.939372	109.121187	180.957
CIRC.	740.000	104.711716	0.000	525755.095	4675055.418	304.159622	31.965	395.804203	109.087245	183.139
CLOT.	743.230	100.091580	0.000	525758.322	4675055.296	304.357138	28.737	396.001718	108.971607	186.350
CIRC.	752.234	91.341063	0.000	525767.291	4675055.998	308.566794	19.881	0.211374	108.333885	195.142
CIRC.	760.000	87.354432	0.000	525774.948	4675057.291	320.224528	12.679	11.869108	107.616841	202.577



EJE : 1: EJE RUA SEVERINO COBAS

=====

* * * DATOS PARA REPLANTEO DE PUNTOS * * *

=====

BR : BR7 X: 525786.992 Y: 4675053.331 Z: 39.871 Distancia: 136.667 Azimut: 56.7903

BO : BR6 X: 525893.369 Y: 4675139.132 Z: 44.323

TIPO	PK Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	760.000	87.354432	0.000	525774.948	4675057.291	320.224528	12.679	263.434273	261.502002	143.950
CIRC.	780.000	77.088044	0.000	525794.152	4675062.799	41.221039	11.870	384.430784	258.252014	125.183
CIRC.	800.000	66.821655	0.000	525812.223	4675071.318	60.572758	30.986	3.782502	255.682561	105.752
CIRC.	820.000	56.555267	0.000	525828.691	4675082.628	61.010119	50.962	4.219864	254.287413	85.883
CLOT.	822.929	55.051867	0.000	525830.942	4675084.502	60.727434	53.882	3.937179	254.233891	82.955
CLOT.	839.257	50.861131	0.000	525842.888	4675095.629	58.760457	70.096	1.970202	254.717854	66.640
CLOT.	840.000	50.868164	0.000	525843.420	4675096.147	58.677808	70.833	1.887553	254.761299	65.898
CIRC.	859.257	55.954089	0.000	525857.583	4675109.187	57.384999	90.016	0.594743	255.642889	46.662
CIRC.	860.000	56.332615	0.000	525858.156	4675109.660	57.374831	90.759	0.584576	255.634789	45.919
CLOT.	876.963	64.971806	0.000	525871.970	4675119.482	57.890454	107.690	1.100199	252.709476	29.052
CLOT.	880.000	66.312904	0.000	525874.577	4675121.041	58.103517	110.705	1.313262	251.210086	26.085
CIRC.	885.902	67.742956	0.000	525879.710	4675123.952	58.560446	116.551	1.770191	246.645103	20.420
CLOT.	898.570	69.145530	0.000	525890.854	4675129.977	59.526578	129.081	2.736323	217.070806	9.494
CLOT.	900.000	69.954578	0.000	525892.122	4675130.638	59.634778	130.494	2.844523	209.280553	8.585



EJE : 1: EJE RUA SEVERINO COBAS

=====

* * * DATOS PARA REPLANTEO DE PUNTOS * * *

=====

BR : BR6 X: 525893.369 Y: 4675139.132 Z: 44.323 Distancia: 136.667 Azimut: 256.7903

BO : BR7 X: 525786.992 Y: 4675053.331 Z: 39.871

TIPO	PK Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CIRC.	760.000	87.354432	0.000	525774.948	4675057.291	261.502002	143.950	4.711747	320.224528	12.679
CIRC.	780.000	77.088044	0.000	525794.152	4675062.799	258.252014	125.183	1.461759	41.221039	11.870
CIRC.	800.000	66.821655	0.000	525812.223	4675071.318	255.682561	105.752	398.892306	60.572758	30.986
CIRC.	820.000	56.555267	0.000	525828.691	4675082.628	254.287413	85.883	397.497158	61.010119	50.962
CLOT.	822.929	55.051867	0.000	525830.942	4675084.502	254.233891	82.955	397.443636	60.727434	53.882
CLOT.	839.257	50.861131	0.000	525842.888	4675095.629	254.717854	66.640	397.927599	58.760457	70.096
CLOT.	840.000	50.868164	0.000	525843.420	4675096.147	254.761299	65.898	397.971044	58.677808	70.833
CIRC.	859.257	55.954089	0.000	525857.583	4675109.187	255.642889	46.662	398.852634	57.384999	90.016
CIRC.	860.000	56.332615	0.000	525858.156	4675109.660	255.634789	45.919	398.844534	57.374831	90.759
CLOT.	876.963	64.971806	0.000	525871.970	4675119.482	252.709476	29.052	395.919221	57.890454	107.690
CLOT.	880.000	66.312904	0.000	525874.577	4675121.041	251.210086	26.085	394.419831	58.103517	110.705
CIRC.	885.902	67.742956	0.000	525879.710	4675123.952	246.645103	20.420	389.854848	58.560446	116.551
CLOT.	898.570	69.145530	0.000	525890.854	4675129.977	217.070806	9.494	360.280551	59.526578	129.081
CLOT.	900.000	69.954578	0.000	525892.122	4675130.638	209.280553	8.585	352.490298	59.634778	130.494



EJE : 1: EJE RUA SEVERINO COBAS

=====

* * * DATOS PARA REPLANTEO DE PUNTOS * * *

=====

BR : BR6 X: 525893.369 Y: 4675139.132 Z: 44.323
BO : BR5 X: 525996.731 Y: 4675082.894 Z: 50.910

Distancia: 117.671 Azimut: 131.7223

TIPO	PK Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CLOT.	900.000	69.954578	0.000	525892.122	4675130.638	209.280553	8.585	77.558252	327.257757	114.989
CIRC.	902.496	74.485351	0.000	525894.378	4675131.704	191.406956	7.496	59.684655	328.328270	113.396
CIRC.	920.000	120.168169	0.000	525911.494	4675132.423	122.568867	19.327	390.846565	333.510838	98.583
CLOT.	924.092	130.848659	0.000	525915.258	4675130.829	123.081953	23.411	391.359652	333.855973	94.529
RECTA	928.192	136.198108	0.000	525918.771	4675128.720	124.765003	27.454	393.042702	333.830636	90.431
RECTA	940.000	136.198108	0.000	525928.722	4675122.362	128.198383	39.129	396.476082	333.475194	78.632
RECTA	960.000	136.198108	0.000	525945.575	4675111.593	130.902726	59.024	399.180425	332.547016	58.656
RECTA	980.000	136.198108	0.000	525962.428	4675100.824	132.242348	78.973	0.520047	330.661209	38.706
RECTA	1000.000	136.198108	0.000	525979.281	4675090.054	133.041468	98.942	1.319167	324.789335	18.862
RECTA	1020.000	136.198108	0.000	525996.134	4675079.285	133.572136	118.921	1.849835	210.435861	3.658
RECTA	1020.311	136.198108	0.000	525996.396	4675079.118	133.578989	119.232	1.856688	205.626532	3.791



EJE : 1: EJE RUA SEVERINO COBAS

```
=====
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
=====
```

BR : BR5 X: 525996.731 Y: 4675082.894 Z: 50.910 Distancia: 117.671 Azimut: 331.7223
BO : BR6 X: 525893.369 Y: 4675139.132 Z: 44.323

TIPO	PK Estacc.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(B0)	Dis.R(B0)
CLOT.	900.000	69.954578	0.000	525892.122	4675130.638	327.257757	114.989	395.535456	209.280553	8.585
CIRC.	902.496	74.485351	0.000	525894.378	4675131.704	328.328270	113.396	396.605969	191.406956	7.496
CIRC.	920.000	120.168169	0.000	525911.494	4675132.423	333.510838	98.583	1.788537	122.568867	19.327
CLOT.	924.092	130.848659	0.000	525915.258	4675130.829	333.855973	94.529	2.133671	123.081953	23.411
RECTA	928.192	136.198108	0.000	525918.771	4675128.720	333.830636	90.431	2.108334	124.765003	27.454
RECTA	940.000	136.198108	0.000	525928.722	4675122.362	333.475194	78.632	1.752893	128.198383	39.129
RECTA	960.000	136.198108	0.000	525945.575	4675111.593	332.547016	58.656	0.824715	130.902726	59.024
RECTA	980.000	136.198108	0.000	525962.428	4675100.824	330.661209	38.706	398.938908	132.242348	78.973
RECTA	1000.000	136.198108	0.000	525979.281	4675090.054	324.789335	18.862	393.067034	133.041468	98.942
RECTA	1020.000	136.198108	0.000	525996.134	4675079.285	210.435861	3.658	278.713560	133.572136	118.921
RECTA	1020.311	136.198108	0.000	525996.396	4675079.118	205.626532	3.791	273.904231	133.578989	119.232