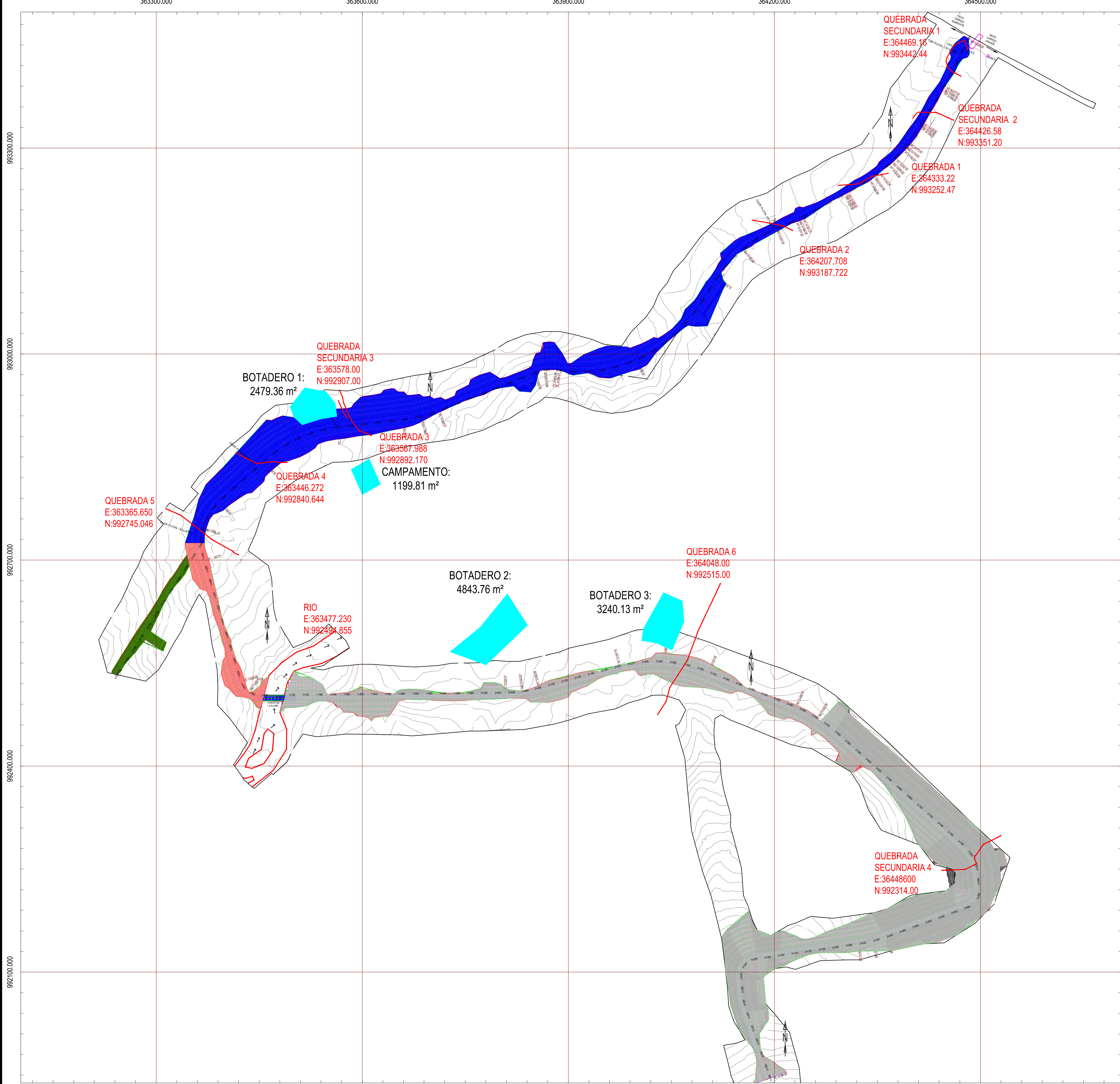


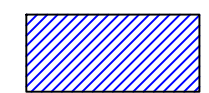


BOTADERO 1	
COORDENADA UTM	
992897.17	363512.77
992907.78	363500.78
992923.17	363495.20
992950.70	362516.11
992945.53	363546.83
992928.40	363560.65
992909.42	363562.88
992905.54	363540.38
992897.17	363512.77

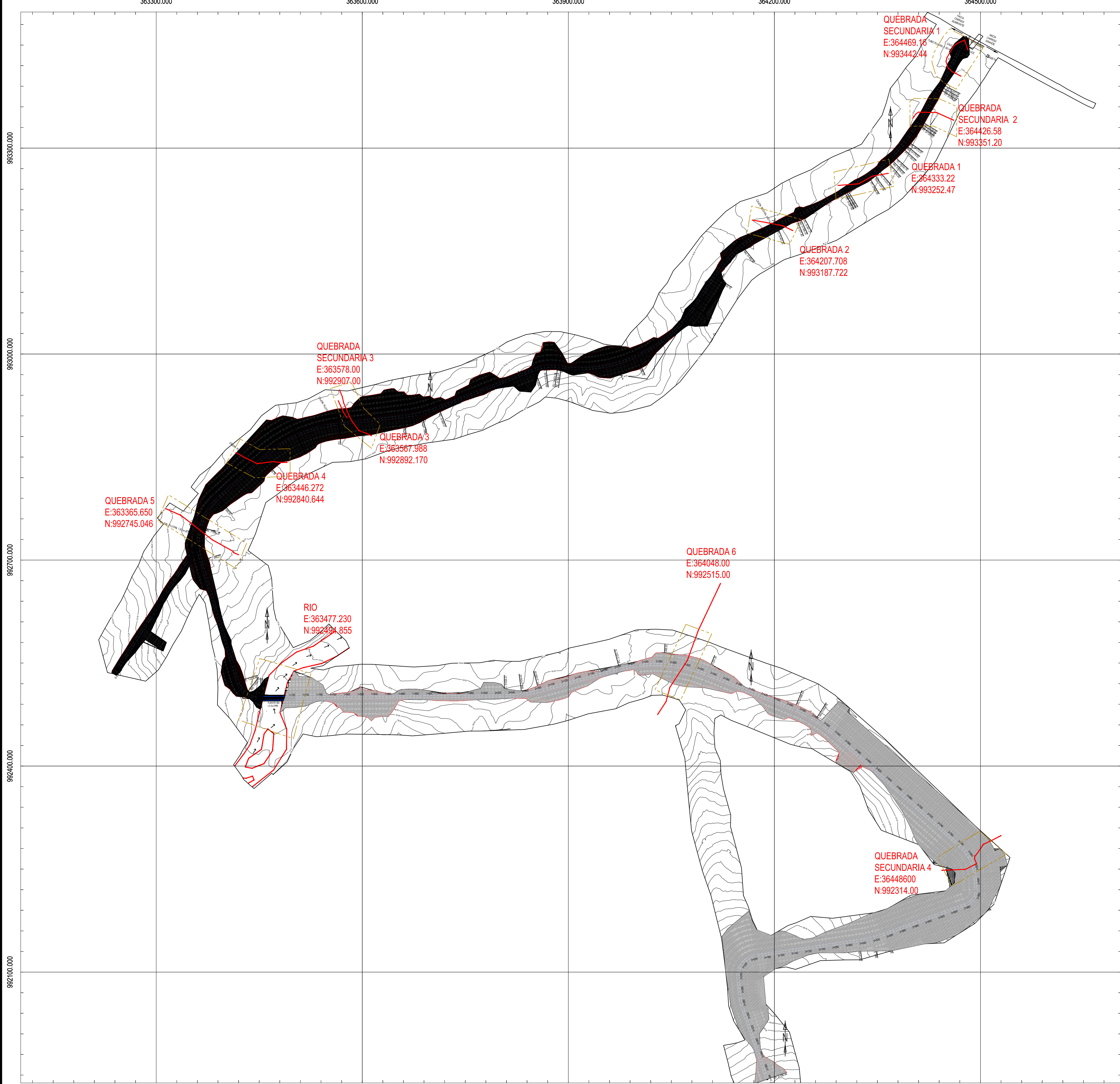
BOTADERO 3	
COORDENADA UTM	
992579.52	364027.623
992568.92	364051.023
992610.53	364068.243
992640.34	364065.843
992652.56	364038.693
992600.43	364009.603
992582.69	364007.063

BOTADERO 2	
COORDENADA UTM	
992566.44	363728.09
992602.20	363771.85
992650.64	363811.22
992605.15	363840.58
992547.47	363780.06
992566.44	363728.09

CAMPAMENTO	
COORDENADA UTM	
992832.00	363584.00
992847.11	363610.10
992810.60	363626.44
992795.49	363600.34
992832.00	363584.00

-  AREA EXTRA INTERVENCION AREA TOTAL=11763.06 m²
-  1. ZONA 1: DESDE EL INICIO DE LA CARRETERA HASTA EL RAMAL : 39,908.48 m²
-  2. ZONA 2: DESDE LA INTERSECCIÓN DEL RAMAL HASTA EL FIN DEL RAMAL ALTO CHORRO: 2,952.10 m²
-  3. ZONA 3: DESDE LA INTERSECCIÓN HASTA LA ZONA DEL PUENTE: 5,205.15 m²
-  4. ZONA 4: DESDE EL PUENTE HASTA LA COMUNIDAD DE ALTO LA GLORIA: 66,833.805 m²

AREA TOTAL DE CAMINO: 114,899.535 m²
AREA TOTAL DE CAMINO + AREA EXTRA INTERVENIDO: 126,662.595 m²



QUEBRADA SECUNDARIA 1			QUEBRADA 1			QUEBRADA 4			QUEBRADA SECUNDARIA 4		
EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE
1	993385.67	364464.835	22	993265.161	364286.666	36	992862.191	363494.835	54	992267.606	364437.804
2	993391.485	364453.597	23	993225.28	364289.751	37	992861.055	363450.473	55	992224.872	364457.772
3	993394.674	364446.829	24	993244.271	364373.645	38	992876.158	363422.428	56	992271.725	364537.779
4	993398.945	364442.877	25	993283.768	364366.662	39	992841.655	363402.191	57	992305.226	364499.035
5	993405.877	364435.075	QUEBRADA 2			40	992819.835	363443.469			
6	993425.69	364429.235	EST.	NORTE	ESTE	41	992822.193	363495.165			
7	993438.678	364432.238	26	993215.629	364167.049	QUEBRADA 5					
8	993450.834	364439.109	27	993176.242	364160.075	EST.	NORTE	ESTE			
9	993463.234	364446.523	28	993159.868	364222.021	42	992758.439	363301.817			
10	993469.763	364452.373	29	993195.867	364239.459	43	992687.61	363416.353			
11	993473.407	364455.009	QUEBRADA 3			44	992724.553	363431.688			
12	993461.449	364478.906	EST.	NORTE	ESTE	45	992794.984	363318.081			
13	993446.455	364504.054	30	992959.417	363584.21	PUENTE					
QUEBRADA SECUNDARIA 2			31	992949.821	363553.596	EST.	NORTE	ESTE			
EST.	NORTE	ESTE	32	992895.023	363574.036	46	992467.373	363419.765			
14	993368.057	364397.361	33	992921.344	363602.049	47	992439.9	363499.745			
15	993372.345	364403.653	34	992862.764	363613.448	48	992534.858	363525.293			
16	993371.726	364440.578	35	992897.601	363626.201	49	992556.656	363450.936			
17	993360.464	364465.414	QUEBRADA 6			QUEBRADA 6					
18	993316.544	364465.414				EST.	NORTE	ESTE			
19	993331.87	364431.614				50	992511.027	364026.177			
20	993332.098	364418.031				51	992496.175	364063.54			
21	993331.587	364397.361				52	992592.562	364108.765			
						53	992606.386	364071.23			



REPUBLICA DE PANAMA
MINISTERIO DE OBRAS PUBLICAS
DIRECCION NACIONAL DE ESTUDIOS Y DISEÑOS

CONTRATO N°UAL 1-23-2022
DISEÑO Y CONSTRUCCION DEL CAMINO (VIA CHIRQUI GRANDE-ALMIRANTE)-ALTO DEL CHORRO-ALTO DE LA GLORIA PROVINCIA DE BOCAS DEL TORO

AREA DE LIMPIEZA DEQUEBRADA

DISEÑADO POR: H.M

CALCULADO POR: H.M

SOMETIDO POR: B.G.

REVISADO POR: H.M

DIBUJADO POR: D.S.R

APROBADO POR:

HOJA

REVISION : 00

FECHA : MARZO 2024

ESCALA : 1:3000

FECHA REV : 18/03/2024

1. ZONA 1: DESDE EL INICIO DE LA CARRETERA HASTA EL RAMAL : 39,908.48 m² (COORDENADAS)

DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO		
EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE
L1	992987.187	364016.981	L61	992875.557	363560.339	L121	992907.615	363516.291	L181	992969.809	363792.523	L241	993138.317	364122.920	L301	993463.240	364475.347
L2	992983.255	364012.887	L62	992874.714	363555.960	L122	992908.835	363521.686	L182	992964.725	363799.921	L242	993146.830	364121.211	L302	993461.449	364478.856
L3	992977.987	364003.293	L63	992872.989	363547.210	L123	992909.939	363527.089	L183	992965.383	363805.039	L243	993164.397	364141.308	L303	993460.199	364481.305
L4	992976.471	363998.009	L64	992871.653	363542.950	L124	992911.357	363532.386	L184	992966.363	363809.137	L244	993166.791	364145.048	L304	993459.435	364482.802
L5	992975.212	363992.659	L65	992870.304	363538.704	L125	992913.105	363537.603	L185	992968.391	363814.605	L245	993167.273	364145.821	L305	993436.396	364483.947
L6	992965.017	363961.604	L66	992868.196	363534.706	L126	992914.705	363542.877	L186	992970.251	363819.246	L246	993170.031	364150.387	L306	993432.241	364481.089
L7	992965.110	363956.033	L67	992863.401	363531.686	L127	992916.321	363548.172	L187	992972.104	363823.890	L247	993180.093	364175.039	L307	993430.107	364474.271
L8	992965.519	363950.467	L68	992860.962	363527.967	L128	992917.849	363553.512	L188	992975.618	363833.254	L248	993182.256	364179.717	L308	993426.123	364471.079
L9	992966.078	363944.945	L69	992858.409	363524.347	L129	992919.213	363558.907	L189	992977.578	363837.856	L249	993184.276	364184.449	L309	993417.582	364465.817
L10	992971.137	363933.765	L70	992856.044	363520.700	L130	992920.000	363562.895	L190	992979.532	363842.459	L250	993193.464	364202.717	L310	993412.986	364463.822
L11	992972.475	363928.470	L71	992850.216	363509.310	L131	992920.261	363564.219	L191	992982.778	363846.550	L251	993196.009	364207.074	L311	993408.617	364461.383
L12	992969.398	363907.673	L72	992848.810	363505.215	L132	992920.347	363569.243	L192	992992.020	363849.022	L252	993198.380	364211.502	L312	993386.980	364446.290
L13	992970.391	363902.487	L73	992846.024	363496.866	L133	992920.695	363574.237	L193	993000.914	363852.960	L253	993200.551	364216.014	L313	993383.298	364444.555
L14	992972.710	363897.456	L74	992844.353	363492.786	L134	992921.043	363579.230	L194	993002.689	363859.343	L254	993202.722	364220.526	L314	993379.876	364442.869
L15	992975.106	363892.527	L75	992843.759	363487.901	L135	992922.318	363584.115	L195	993011.102	363863.707	L255	993204.893	364225.039	L315	993378.608	364442.258
L16	992977.147	363882.720	L76	992842.771	363483.162	L136	992928.604	363588.412	L196	993014.774	363863.259	L256	993206.406	364228.311	L316	993374.082	364440.075
L17	992977.290	363878.059	L77	992840.116	363479.589	L137	992937.110	363597.482	L197	993016.501	363863.048	L257	993212.270	364230.742	L317	993369.556	364437.892
L18	992977.248	363873.410	L78	992837.304	363476.139	L138	992938.474	363602.357	L198	993016.975	363864.469	L258	993214.549	364236.017	L318	993365.285	364435.293
L19	992977.106	363868.756	L79	992834.510	363472.633	L139	992939.118	363607.315	L199	993017.857	363872.056	L259	993213.488	364242.261	L319	993360.971	364432.762
L20	992977.095	363867.853	L80	992831.760	363469.447	L140	992939.810	363612.268	L200	993017.075	363879.669	L260	993215.324	364246.953	L320	993356.688	364430.182
L21	992976.851	363864.069	L81	992831.597	363469.269	L141	992940.635	363617.206	L201	993001.545	363880.990	L261	993218.546	364256.581	L321	993343.745	364422.596
L22	992976.257	363859.380	L82	992828.224	363465.579	L142	992941.491	363622.140	L202	992994.483	363894.833	L262	993222.539	364265.792	L322	993339.370	364420.166
L23	992970.819	363856.248	L83	992824.850	363461.888	L143	992942.441	363627.063	L203	992986.700	363898.767	L263	993224.903	364270.198	L323	993336.146	364418.376
L24	992954.619	363852.350	L84	992821.169	363458.475	L144	992947.579	363631.494	L204	992986.174	363903.568	L264	993227.268	364274.603	L324	993334.905	364417.690
L25	992944.587	363845.574	L85	992815.182	363457.142	L145	992948.610	363636.407	L205	992992.941	363913.350	L265	993229.638	364279.006	L325	993333.179	364416.678
L26	992945.831	363828.941	L86	992811.495	363453.734	L146	992949.584	363641.328	L206	992999.225	363922.453	L266	993231.396	364282.270	L326	993330.292	364414.897
L27	992953.485	363820.523	L87	992808.185	363449.986	L147	992949.683	363646.350	L207	993008.004	363943.760	L267	993232.009	364283.408	L327	993330.266	364414.881
L28	992952.715	363815.449	L88	992804.787	363446.317	L148	992945.157	363651.916	L208	993011.878	363956.167	L268	993236.859	364292.153	L328	993326.000	364412.304
L29	992952.575	363814.611	L89	992801.357	363442.678	L149	992945.045	363656.655	L209	993011.774	363965.126	L269	993253.438	364316.908	L329	993321.691	364409.739
L30	992951.978	363810.362	L90	992797.942	363439.025	L150	992945.039	363656.908	L210	993010.588	363984.320	L270	993255.515	364321.499	L330	993317.383	364407.174
L31	992949.493	363795.209	L91	992797.266	363432.901	L151	992944.956	363661.063	L211	993008.721	363990.060	L271	993260.318	364330.284	L331	993316.345	364406.404
L32	992945.749	363785.937	L92	992794.879	363428.321	L152	992943.080	363661.334	L212	993010.078	363993.459	L272	993262.944	364334.539	L332	993313.411	364404.130
L33	992943.156	363781.586	L93	992792.151	363424.048	L153	992939.937	363666.091	L213	993010.430	363994.373	L273	993268.642	364342.156	L333	993309.460	364401.057
L34	992940.851	363777.122	L94	992786.467	363415.708	L154	992940.117	363670.396	L214	993012.042	363998.747	L274	993271.428	364346.302	L334	993306.685	364398.799
L35	992939.562	363772.254	L95	992783.660	363411.507	L155	992940.443	363674.701	L215	993013.725	364003.112	L275	993274.617	364349.744	L335	993305.485	364397.812
L36	992935.152	363757.866	L96	992780.795	363407.357	L156	992941.032	363679.237	L216	993015.472	364007.471	L276	993279.393	364352.217	L336	993301.704	364394.546
L37	992933.446	363753.164	L97	992772.108	363397.202	L157	992941.714	363683.244	L217	993017.461	364011.722	L277	993282.861	364355.827	L337	993301.396	364394.269
L38	992931.678	363748.486	L98	992768.409	363388.713	L158	992937.638	363688.976	L218	993019.578	364015.919	L278	993285.970	364359.749	L338	993297.464	364390.579
L39	992919.475	363721.053	L99	992766.737	363383.473	L159	992938.160	363693.486	L219	993021.812	364020.064	L279	993295.027	364370.806	L339	993296.953	364390.077
L40	992917.319	363716.529	L100	992763.259	363380.614	L160	992938.888	363697.971	L220	993024.168	364024.156	L280	993298.762	364374.131	L340	993293.857	364387.038
L41	992916.047	363713.726	L101	992759.626	363377.869	L161	992934.811	363704.354	L221	993023.044	364030.807	L281	993302.508	364377.443	L341	993290.307	364383.509
L42	992907.933	363697.948	L102	992751.179	363374.726	L162	992935.213	363706.117	L222	993025.548	364034.972	L282	993305.796	364380.269	L342	993286.799	364379.932
L43	992900.127	363683.646	L103	992738.263	363370.888	L163	992935.894	363709.154	L223	993028.177	364039.072	L283	993326.339	364394.433	L343	993284.864	364377.954
L44	992895.813	363673.588	L104	992725.037	363370.436	L164	992936.948	363714.115	L224	993030.933	364043.099	L284	993330.271	364397.535	L344	993283.178	364376.263
L45	992895.538	363672.729	L105	992724.720	363342.040	L165	992933.351	363720.923	L225	993033.786	364047.075	L285	993346.207	364408.997	L345	993280.369	364373.311
L46	992894.357	363668.364	L106	992764.126	363355.633	L166	992935.117	363725.601	L226	993036.728	364051.002	L286	993350.459	364411.627	L346	993279.525	364372.389
L47	992893.199	363663.070	L107	992788.012	363361.768	L167	992937.171	363730.166	L227	993051.130	364064.191	L287	993354.710	364414.260	L347	993276.106	364368.473
L48	992893.124	363662.746	L108	992809.610	363372.166	L168	992939.223	363734.731	L228	993065.100	364069.901	L288	993368.007	364421.269	L348	993276.036	364368.389
L49	992892.088	363658.141	L109	992810.982	363373.400	L169	992946.324	363737.291	L229	993072.615	364078.008	L289	993372.466	364423.561	L349	993272.848	364364.535
L50	992890.985	363653.236	L110	992814.571	363376.895	L170	992948.545	363741.789	L230	993079.011	364084.185	L290	993376.783	364426.086	L350	993270.011	364360.376
L51	992890.268	363648.286	L111	992828.769	363391.023	L171	992950.735	363746.299	L231	993084.191	364087.844	L291	993396.627	364440.882	L351	993253.401	364340.311
L52	992882.640	363613.941	L112	992832.149	363394.708	L172	992952.924	363750.810	L232	993087.369	364089.675	L292	993414.717	364449.434	L352	993250.544	364

3. ZONA 3: DESDE LA INTERSECCIÓN HASTA LA ZONA
DEL PUENTE: 5,205.15 m² (COORDENADAS)

DATOS DE CAMPO			DATOS DE CAMPO		
EST.	NORTE	ESTE	EST.	NORTE	ESTE
L1	992610.584	363397.118	L61	992650.926	363375.111
L2	992605.872	363398.808	L62	992655.498	363372.958
L3	992596.611	363402.725	L63	992658.019	363364.066
L4	992592.028	363404.838	L64	992670.706	363354.230
L5	992587.444	363406.951	L65	992675.353	363352.324
L6	992582.861	363409.064	L66	992718.628	363342.341
L7	992577.700	363409.281	L67	992724.720	363342.040
L8	992553.835	363416.728	L68	992724.741	363370.431
L9	992551.123	363418.373	L69	992720.253	363370.346
L10	992549.420	363419.397	L70	992715.844	363371.284
L11	992544.954	363421.896	L71	992711.525	363372.455
L12	992540.271	363423.882	L72	992707.322	363373.918
L13	992535.561	363425.377	L73	992703.174	363375.377
L14	992530.822	363426.982	L74	992702.580	363375.596
L15	992526.385	363428.394	L75	992698.546	363377.034
L16	992526.156	363428.477	L76	992693.746	363378.436
L17	992522.722	363429.470	L77	992688.755	363379.209
L18	992519.008	363430.348	L78	992639.993	363390.715
L19	992515.068	363431.546	L79	992634.971	363391.383
L20	992510.833	363433.145			
L21	992507.719	363436.180			
L22	992508.723	363440.082			
L23	992509.164	363441.519			
L24	992512.696	363446.408			
L25	992515.864	363449.906			
L26	992518.066	363452.257			
L27	992518.376	363452.589			
L28	992526.417	363457.506			
L29	992529.528	363462.474			
L30	992529.926	363463.801			
L31	992482.668	363451.667			
L32	992485.705	363446.181			
L33	992493.498	363441.183			
L34	992497.644	363434.519			
L35	992499.466	363431.104			
L36	992500.249	363427.652			
L37	992501.627	363416.636			
L38	992506.434	363411.601			
L39	992512.087	363407.337			
L40	992517.217	363400.090			
L41	992517.721	363399.904			
L42	992522.161	363398.503			
L43	992526.949	363397.060			
L44	992531.760	363395.697			
L45	992536.596	363394.413			
L46	992553.028	363396.891			
L47	992559.420	363400.725			
L48	992564.558	363400.436			
L49	992569.657	363400.019			
L50	992579.124	363396.777			
L51	992583.915	363395.346			
L52	992588.777	363394.151			
L53	992593.640	363392.956			
L54	992607.955	363388.474			
L55	992612.603	363386.571			
L56	992617.259	363384.697			
L57	992622.063	363383.308			
L58	992636.633	363379.664			
L59	992641.462	363378.360			
L60	992646.349	363377.243			

4. ZONA 4: DESDE EL PUENTE HASTA LA COMUNIDAD DE ALTO LA GLORIA: 66,833.805 m² (COORDENADAS)

DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO			DATOS DE CAMPO					
EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE	EST.	NORTE	ESTE			
L1	992379.069	364418.560	L61	992115.965	364226.350	L121	992179.305	364166.460	L181	992391.545	364342.684	L241	992540.487	363993.277	L301	992472.522	363638.076	L361	992506.568	363632.722	L421	992530.297	363898.073	L481	992525.471	364145.651	L541	992402.321	364392.400
L2	992375.747	364422.297	L62	992113.396	364221.675	L122	992175.644	364167.000	L182	992394.340	364338.479	L242	992539.324	363988.528	L302	992472.369	363628.077	L362	992505.642	363637.732	L422	992531.883	363902.824	L482	992521.783	364149.555	L542	992398.999	364396.137
L3	992372.425	364426.034	L63	992110.671	364217.023	L123	992161.634	364174.122	L183	992396.596	364333.794	L243	992538.748	363983.656	L303	992471.516	363623.086	L363	992504.739	363642.741	L423	992533.494	363907.568	L483	992518.064	364153.446	L543	992395.677	364399.874
L4	992369.104	364429.771	L64	992108.660	364212.265	L124	992153.474	364195.543	L184	992398.855	364329.113	L244	992536.731	363974.032	L304	992470.794	363618.093	L364	992506.315	363647.725	L424	992535.109	363912.310	L484	992514.897	364157.560	L544	992392.356	364403.611
L5	992365.782	364433.508	L65	992106.891	364207.472	L125	992158.644	364204.888	L185	992402.165	364325.366	L245	992534.823	363969.369	L305	992466.037	363613.142	L365	992509.905	363652.688	L425	992536.091	363917.224	L485	992513.196	364162.266	L545	992389.034	364407.348
L6	992362.460	364437.246	L66	992105.642	364202.602	L126	992160.005	364209.742	L186	992399.400	364322.907	L246	992533.889	363964.442	L306	992471.083	363608.089	L366	992511.563	363657.671	L426	992537.017	363922.154	L486	992511.478	364166.964	L546	992385.640	364411.167
L7	992359.139	364440.983	L67	992093.412	364184.166	L127	992159.215	364214.912	L187	992396.597	364320.416	L247	992529.738	363950.025	L307	992471.976	363602.773	L367	992511.713	363662.670	L427	992537.922	363927.089	L487	992509.732	364171.651	L547	992382.390	364414.823
L8	992355.817	364444.720	L68	992051.121	364187.819	L128	992152.611	364231.050	L188	992393.831	364317.958	L248	992527.879	363945.349	L308	992472.642	363598.073	L368	992511.863	363667.668	L428	992538.319	363932.162	L488	992507.972	364176.333			
L9	992352.495	364448.457	L69	992046.882	364190.845	L129	992147.297	364241.942	L189	992391.028	364315.467	L249	992516.664	363927.665	L309	992472.809	363593.071	L369	992512.014	363672.667	L429	992538.033	363937.419	L489	992506.282	364181.043			
L10	992349.173	364452.194	L70	992036.452	364191.313	L130	992148.159	364246.869	L190	992398.228	364301.797	L250	992515.029	363922.928	L310	992474.056	363593.058	L370	992511.944	363677.668	L430	992537.731	363942.681	L490	992504.575	364185.746			
L11	992345.852	364455.931	L71	992031.340	364191.840	L131	992149.028	364251.795	L191	992406.689	364289.249	L251	992513.349	363918.203	L311	992477.737	363588.019	L371	992511.482	363682.673	L431	992537.830	363947.834	L491	992502.852	364190.442			
L12	992342.530	364459.668	L72	992017.683	364183.081	L132	992149.896	364256.721	L192	992408.193	364290.586	L252	992511.364	363913.560	L312	992478.110	363583.015	L372	992511.121	363686.576	L432	992540.288	363952.349	L492	992501.214	364195.173			
L13	992339.208	364463.406	L73	992010.625	364178.043	L133	992158.640	364275.647	L193	992410.959	364293.044	L253	992509.341	363908.928	L313	992478.446	363578.011	L373	992511.019	363687.678	L433	992542.037	363957.055	L493	992499.861	364200.018			
L14	992335.887	364467.143	L74	992005.430	364178.336	L134	992171.134	364309.182	L194	992420.087	364294.468	L254	992507.291	363904.303	L314	992478.446	363577.832	L374	992510.483	363692.684	L434	992543.743	363961.773	L494	992498.457	364204.843			
L15	992332.565	364470.880	L75	992000.226	364178.601	L135	992182.853	364334.921	L195	992423.560	364290.865	L255	992501.460	363900.702	L315	992478.569	363573.010	L375	992509.584	363697.694	L435	992545.367	363966.513	L495	992497.027	364209.658			
L16	992329.243	364474.617	L76	991995.095	364179.075	L136	992184.076	364338.332	L196	992427.036	364287.265	L256	992499.252	363896.120	L316	992485.179	363567.941	L376	992507.466	363702.716	L436	992546.053	363971.508	L496	992495.538	364214.449			
L17	992325.921	364478.354	L77	991989.968	364179.561	L137	992185.569	364342.211	L197	992430.515	364283.668	L257	992497.626	363891.380	L317	992486.195	363562.930	L377	992505.051	363707.741	L437	992546.357	363973.226	L497	992493.904	364219.181			
L18	992322.600	364482.091	L78	991980.445	364182.622	L138	992188.826	364354.963	L198	992433.996	364280.072	L258	992496.343	363886.547	L318	992488.643	363562.904	L378	992505.613	363712.736	L438	992547.196	363976.471	L498	992492.027	364223.815			
L19	992297.111	364508.399	L79	991976.455	364186.361	L139	992190.542	364359.660	L199	992436.028	364277.977	L259	992495.268	363881.658	L319	992492.462	363557.864	L379	992505.606	363717.736	L439	992548.293	363981.490	L499	992490.298	364228.509			
L20	992290.555	364513.112	L80	991969.946	364198.041	L140	992192.257	364364.357	L200	992437.354	364276.556	L260	992494.161	363876.778	L320	992493.350	363552.855	L380	992505.612	363722.736	L440	992549.006	363986.584	L500	992489.013	364231.692			
L21	992283.634	364517.267	L81	991966.139	364202.303	L141	992204.354	364386.554	L201	992440.459	364273.074	L261	992493.033	363871.903	L321	992494.485	363547.843	L381	992505.631	363727.736	L441	992548.595	363991.859	L501	992488.294	364233.154			
L22	992279.979	364519.163	L82	991959.349	364213.182	L142	992206.069	364391.250	L202	992443.408	364269.459	L262	992492.744	363870.054	L322	992494.820	363537.839	L382	992505.665	363732.736	L442	992550.422	363996.169	L502	992486.163	364237.876			
L23	992276.393	364520.838	L83	991955.238	364216.573	L143	992207.785	364395.947	L203	992446.052	364265.633	L263	992493.410	363844.929	L323	992493.880	363532.848	L383	992505.878	363737.734	L443	992550.646	363996.701	L503	992483.937	364242.552			
L24	992279.430	364527.696	L84	991954.028	364217.599	L144	992209.500	364400.644	L204	992448.336	364261.520	L264	992498.406	363838.713	L324	992487.635	363517.912	L384	992505.629	363742.737	L444	992551.710	363999.257	L504	992481.491	364247.116			
L25	992272.558	364534.379	L85	991952.852	364214.234	L145	992211.215	364405.340	L205	992444.861	364253.593	L265	992498.774	363833.446	L325	992486.993	363512.919	L385	992505.518	363744.629	L445	992552.252	364000.583	L505	992478.806	364251.545			
L26	992263.943	364536.978	L86	991951.630	364210.741	L146	992212.930	364410.037	L206	992453.391	364253.728	L266	992498.760	363833.108	L326	992486.391	363507.925	L386	992505.339	363747.741	L446	992552.619	364001.494	L506	992477.257	364253.957			
L27	992255.144	364538.858	L87	991949.155	364203.662	L147	992214.552	364425.413	L207	992455.035	364252.299	L267	992498.701	363829.538	L327	992485.810	363502.930	L387	992507.419	363752.719	L447	992552.666	364001.612	L507	992475.810	364255.781			
L28	992254.521	364535.211	L88	991947.934	364200.169	L148	992214.507	364436.076	L208	992456.574	364250.226	L268	992498.721	363828.282	L328	992485.310	363497.935	L388	992509.150	363757.702	L448	992554.362	364006.626	L508	992472.166	364259.598			
L29	992253.259	364527.818	L89	991945.458	364193.089	L149	992216.222	364440.772	L209	992459.197	364246.353	L269	992498.836	363825.556	L329	992485.156	363492.937	L389	992510.516	363762.688	L449	992555.627	364011.731	L509	992470.426	364261.841			
L30	992245.251	364528.847	L90	991945.161	364192.240	L150	992218.075	364448.782	L210	992460.327	364244.596	L270	992498.992	363818.004	L330	992484.814	363487.940	L390	992511.845	363767.674	L450	992557.141	364016.869	L510	992468.800	364263.523			
L31	992243.678	364528.971	L91	991944.253	364189.644	L151	992229.960	364462.773	L211	992461.593	364242.337	L271	992498.565	363812.925	L331	992479.908	363482.991	L391	992513.054	363772.662	L451	992558.552	364022.072	L511	992465.814	364267.658			
L32	992239.665	364529.255	L92	991943.346	364187.048	L152	992234.947	364462.421	L212	992463.582	364238.105	L272	992498.229	363807.833	L332	992479.428	363480.592	L392	992521.815	363776.871	L452	992564.606	364027.348	L512	992494.008	364293.864			
L33	992234.678	364529.607	L93	991943.049	364186.198	L153	992240.508	364463.841	L213	992465.470	364233.831	L273	992498.198	363807.085	L333	992538.153	363500.220	L393	992521.598	363782.573	L453	992564.935	364032.774	L513	992491.166	364299.285			
L34	992229.690	364529.959	L94	991941.811	364182.658	L154	992244.480	364463.930	L214	992467.276	364229.528	L274	992498.024																