

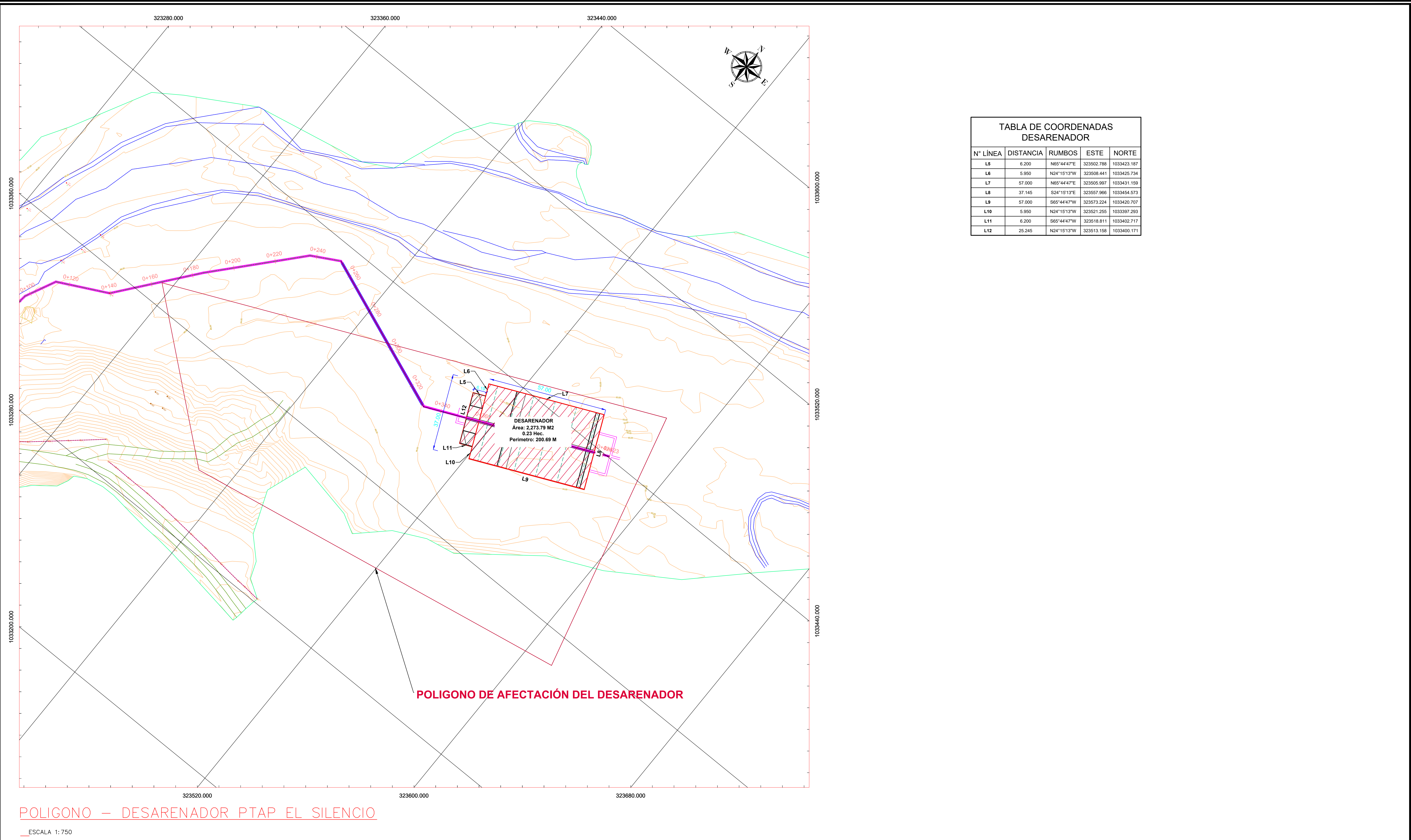


TABLA DE COORDENADAS DESARENADOR				
Nº LÍNEA	DISTANCIA	RUMBOS	ESTE	NORTE
L5	6.200	N65°44'47"E	323502.788	1033423.187
L6	5.950	N24°15'13"W	323508.441	1033425.734
L7	57.000	N65°44'47"E	323505.997	1033431.159
L8	37.145	S24°15'13"E	323557.966	1033454.573
L9	57.000	S65°44'47"W	323573.224	1033420.707
L10	5.950	N24°15'13"W	323521.255	1033397.293
L11	6.200	S65°44'47"W	323518.811	1033402.717
L12	25.245	N24°15'13"W	323513.158	1033400.171

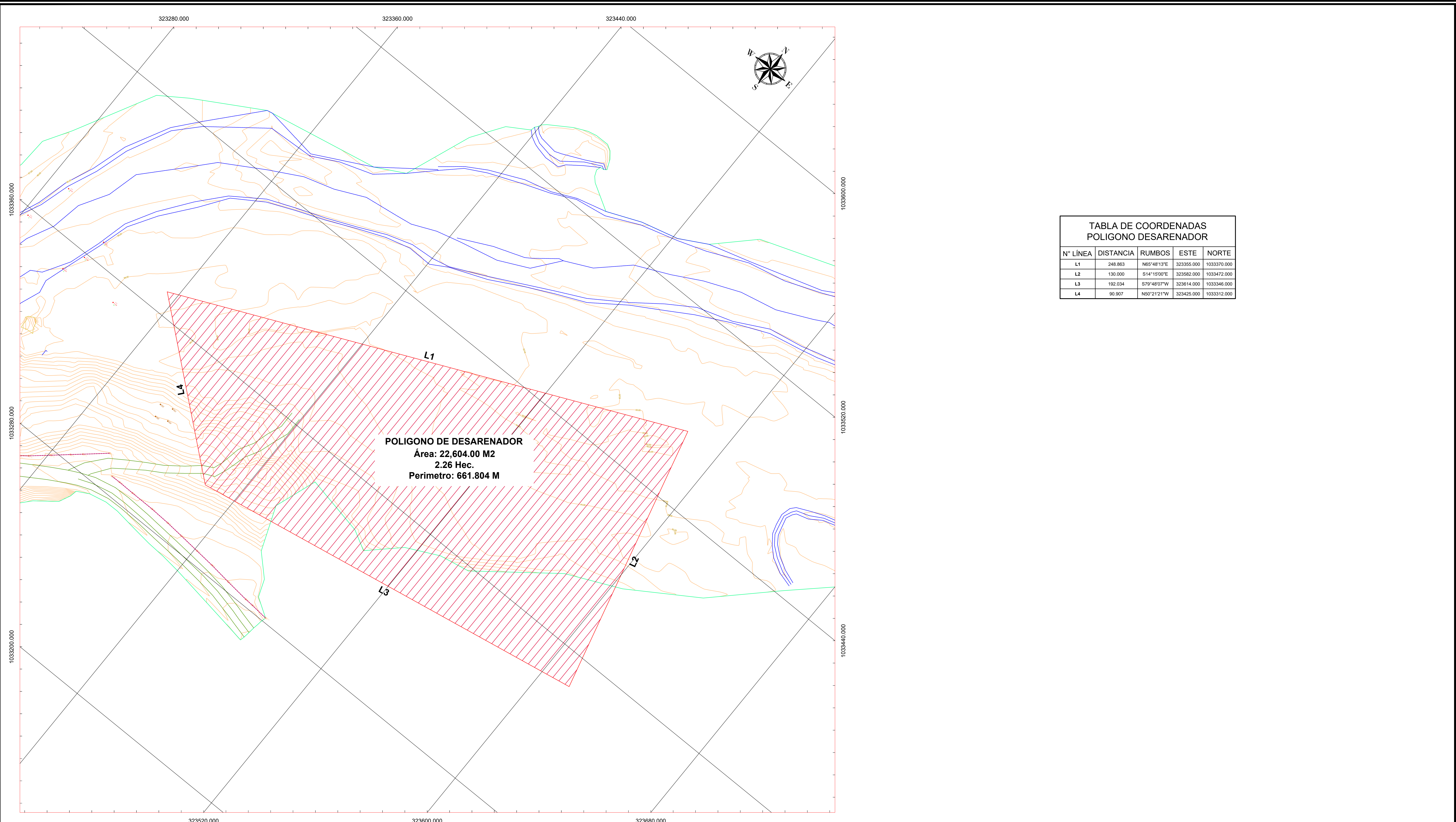


TABLA DE COORDENADAS POLIGONO DESARENADOR				
N° LÍNEA	DISTANCIA	RUMBOS	ESTE	NORTE
L1	248.863	N65°48'13"E	323355.000	1033370.000
L2	130.000	S14°15'00"E	323582.000	1033472.000
L3	192.034	S79°48'07"W	323614.000	1033346.000
L4	90.907	N50°21'21"W	323425.000	1033312.000

POLIGONO DE AFECTACIÓN – DESARENADOR PTAP EL SILENCIO

ESCALA 1:750

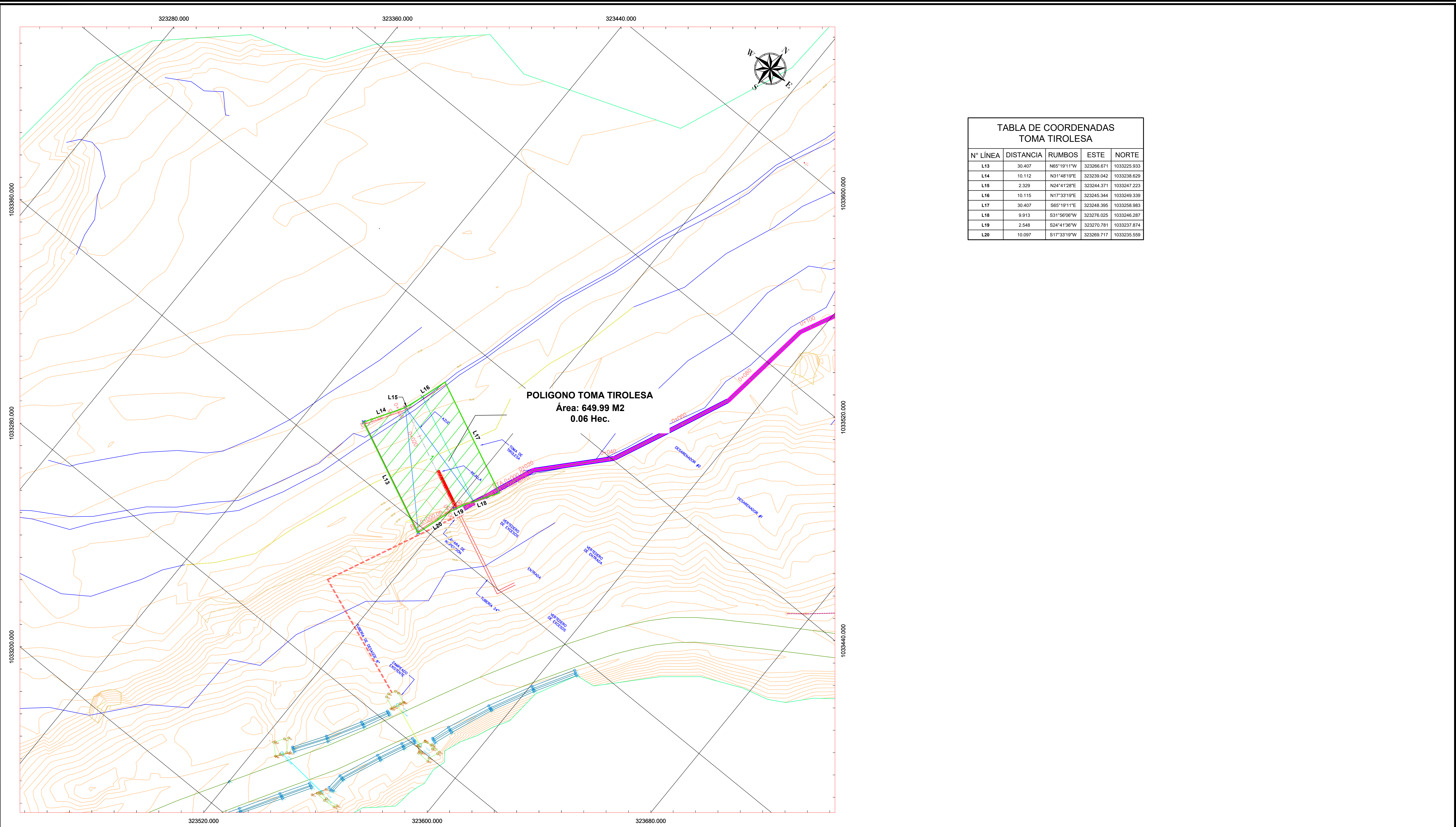


TABLA DE COORDENADAS TOMA TIROLESA				
N° LINEA	DISTANCIA	RUMBOS	ESTE	NORTE
L13	30.407	N65°19'11\"W	323286.671	1033225.933
L14	10.112	N31°48'19\"E	323239.042	1033238.629
L15	2.329	N24°41'28\"E	323244.371	1033247.223
L16	10.115	N17°33'19\"E	323245.344	1033249.339
L17	30.407	S65°19'11\"E	323248.395	1033258.983
L18	9.913	S31°56'06\"W	323276.025	1033246.287
L19	2.548	S24°41'36\"W	323270.781	1033237.874
L20	10.097	S17°33'19\"W	323269.717	1033235.559

POLIGONO TOMA TIROLESA

ESCALA 1: 250

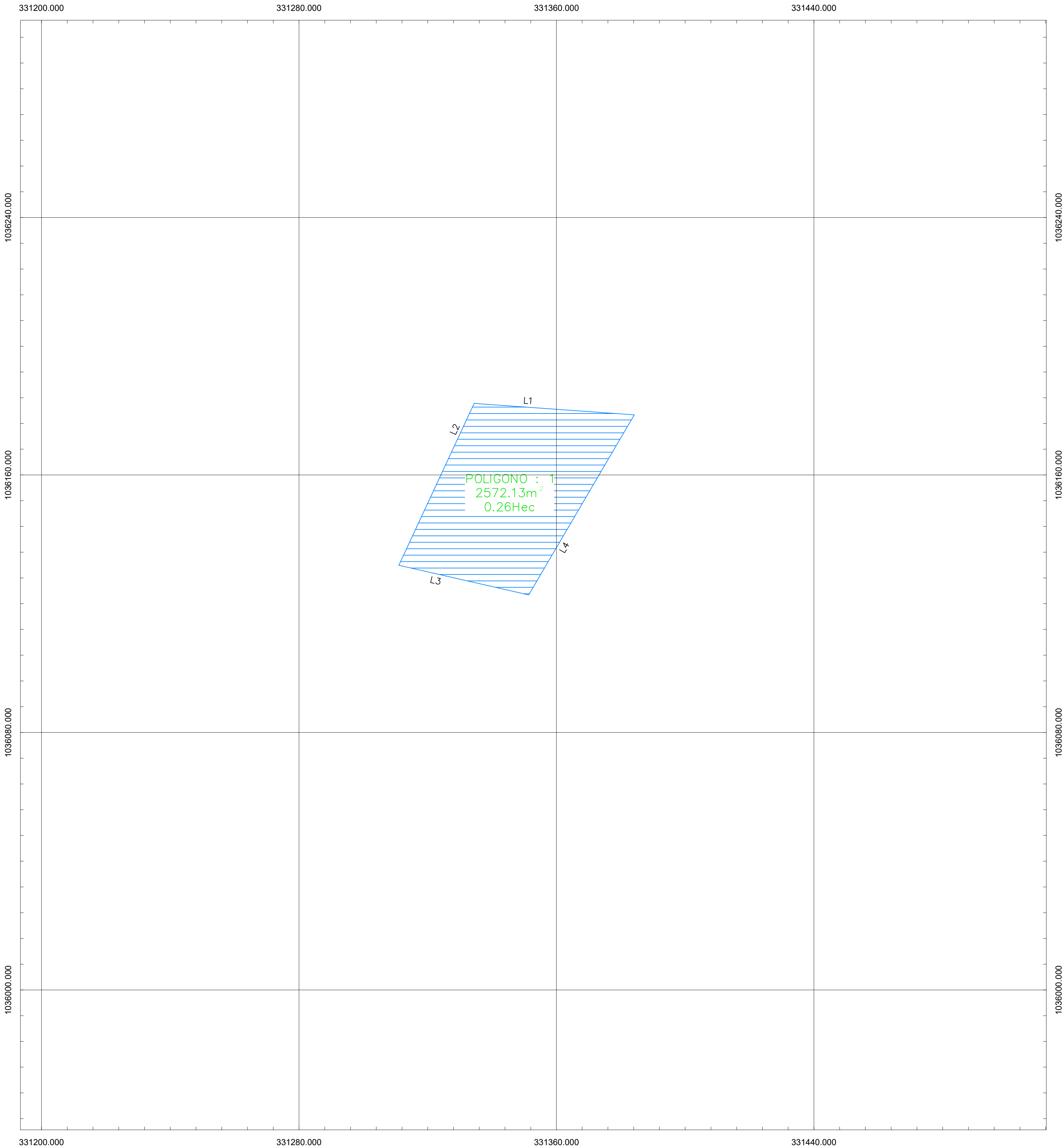


TABLA DE COORDENADAS - POLIGONO 1				
ESTACIÓN	DISTANCIA	RUMBOS	NORTE	ESTE
L1	49.895	S85°56'31"E	1036247.132	331314.191
L2	55.445	N24°56'32"E	1036196.858	331290.810
L3	41.377	N77°07'56"W	1036187.643	331331.148
L4	64.869	S30°23'12"W	1036243.601	331363.961

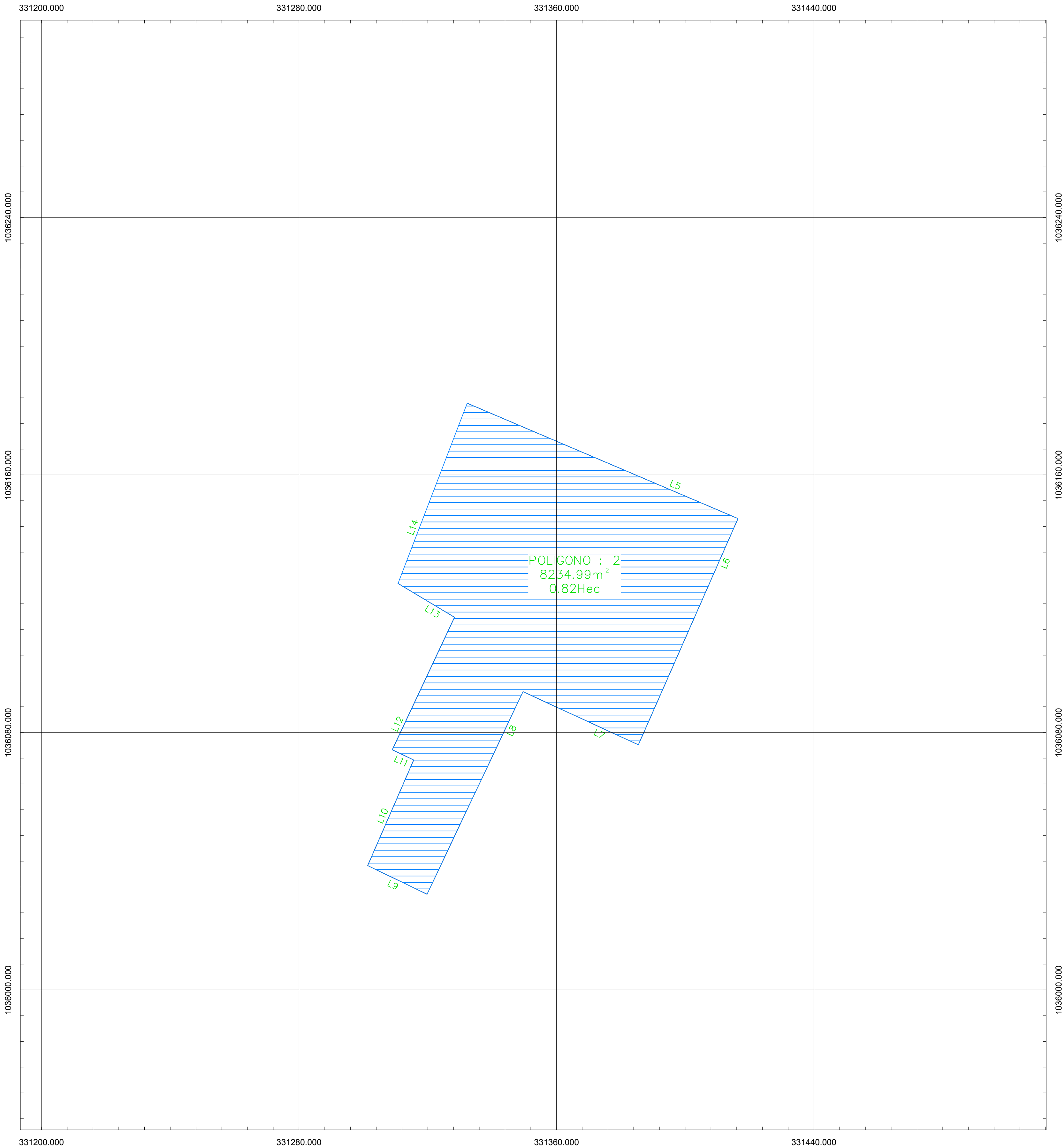


TABLA DE COORDENADAS - POLIGONO 2

ESTACIÓN	NORTE	ESTE
L5	1036176.893	331378.885
L6	1036141.036	331463.003
L7	1036070.759	331432.034
L8	1036087.266	331396.198
L9	1036024.329	331366.415
L10	1036033.221	331347.952
L11	1036066.004	331362.255
L12	1036069.215	331355.617
L13	1036110.356	331374.935
L14	1036120.890	331357.390

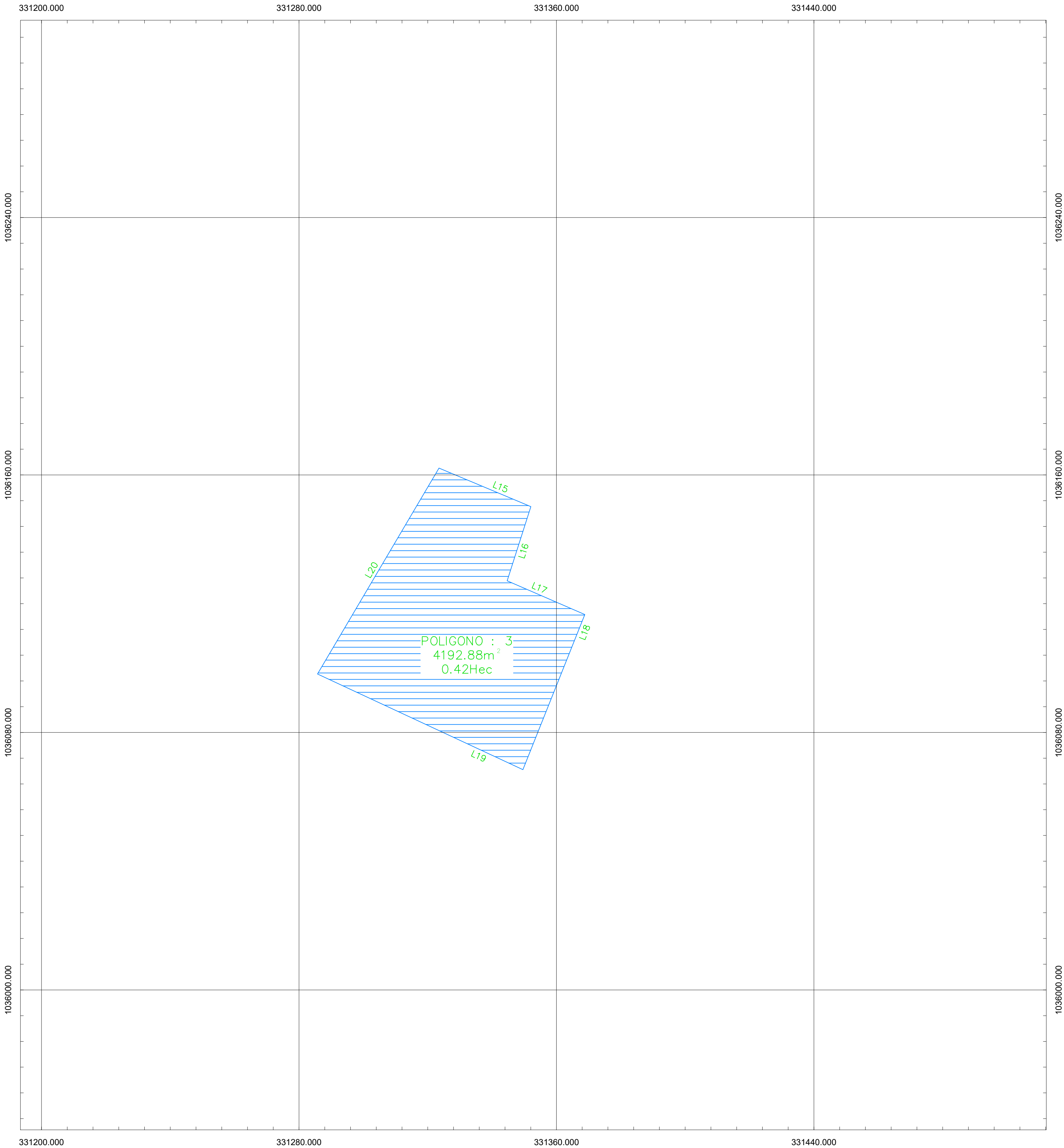


TABLA DE COORDENADAS - POLIGONO 3				
ESTACIÓN	DISTANCIA	RUMBOS	NORTE	ESTE
L15	30.951	S67°15'54"E	1036151.653	331278.312
L16	24.198	S17°40'04"W	1036139.692	331306.857
L17	26.293	S66°28'39"E	1036116.635	331299.513
L18	51.857	S21°45'28"W	1036106.141	331323.621
L19	70.396	N65°03'05"W	1036057.979	331304.399
L20	74.283	N30°32'05"E	1036087.672	331240.571

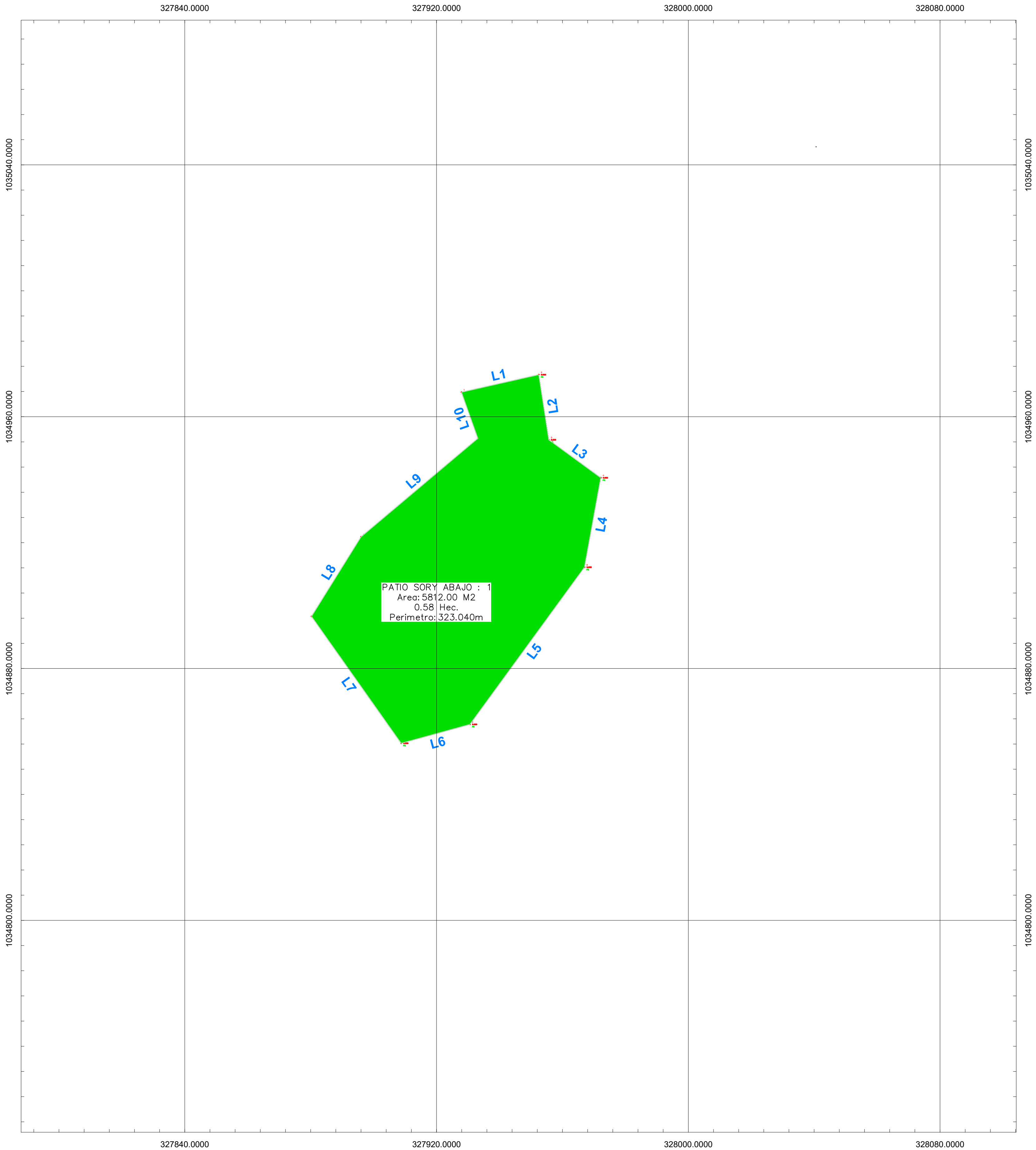


TABLA DE COORDENADAS POLIGONO				
N° LÍNEA	DISTANCIA	RUMBOS	ESTE	NORTE
L1	25.164	N77°13'07"E	327927.957	1034967.771
L2	20.927	S08°42'45"E	327952.497	1034973.338
L3	20.436	S53°49'27"E	327955.667	1034952.653
L4	28.887	S10°19'55"W	327972.163	1034940.590
L5	61.764	S36°04'40"W	327966.982	1034912.171
L6	22.661	S74°38'47"W	327930.610	1034862.252
L7	49.354	N35°13'57"W	327908.758	1034856.252
L8	29.734	N31°57'20"E	327880.286	1034896.565
L9	48.561	N49°50'47"E	327896.023	1034921.793
L10	15.553	N19°27'45"W	327933.139	1034953.107

POLIGONO – PATIO SORY ABAJO

ESCALA 1: 750