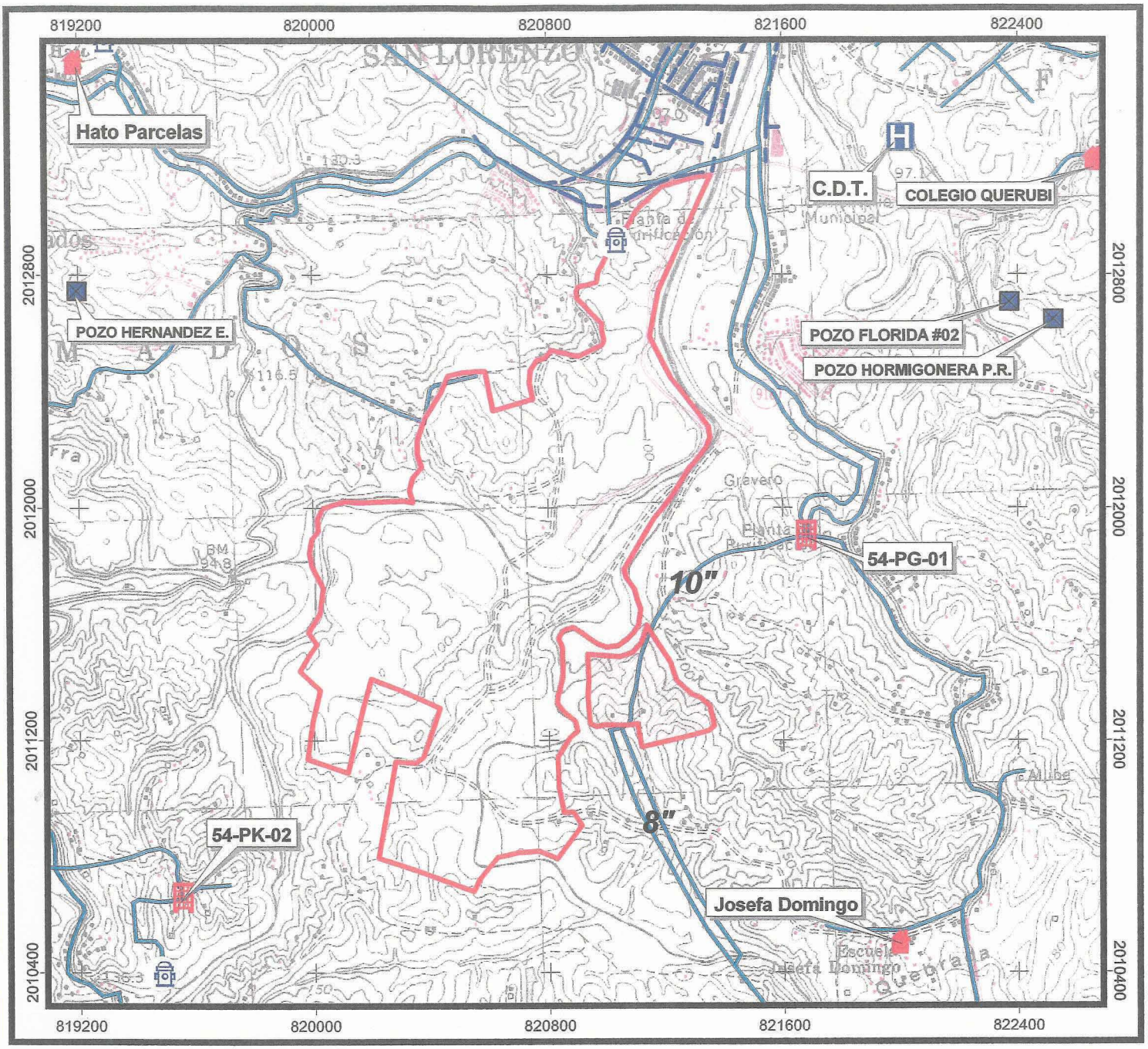


Leyenda:

- Finca MCO Industries, 433 cdas.
- Finca MCO Industries, 25 cdas.
- Hospitales
- Escuelas
- Plantas de filtración
- Plantas generatrices: AEE
- Bombas de agua
- Tanques de agua potable
- Pozos
- Líneas de transmisión: AEE
- Líneas de distribución: AAA
- Alcantarillado

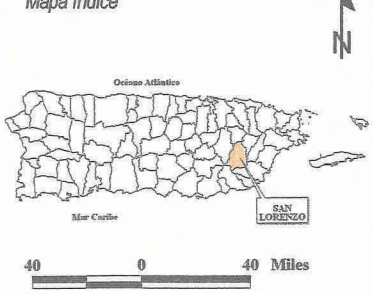
FIGURA 10: MAPA DE INFRAESTRUCTURA

INTERVIRON SERVICES, INC.
PO Box 9024015
San Juan, PR 00902-4015
Tel. 787-960-6060
Fax 787-725-0491

Solicitud de Renovación #02-00089
(Renovación FP-091-99)
Permiso Formal de Extracción de Material de la Corteza Terrestre

SAN LORENZO SAND AND GRAVEL
Barrio Quemados, PR-183 Km 10.9
San Lorenzo, Puerto Rico

Mapa Indice



Fuente: USGS. (1982). Mapa topográfico del cuadrángulo de Juncos, PR.

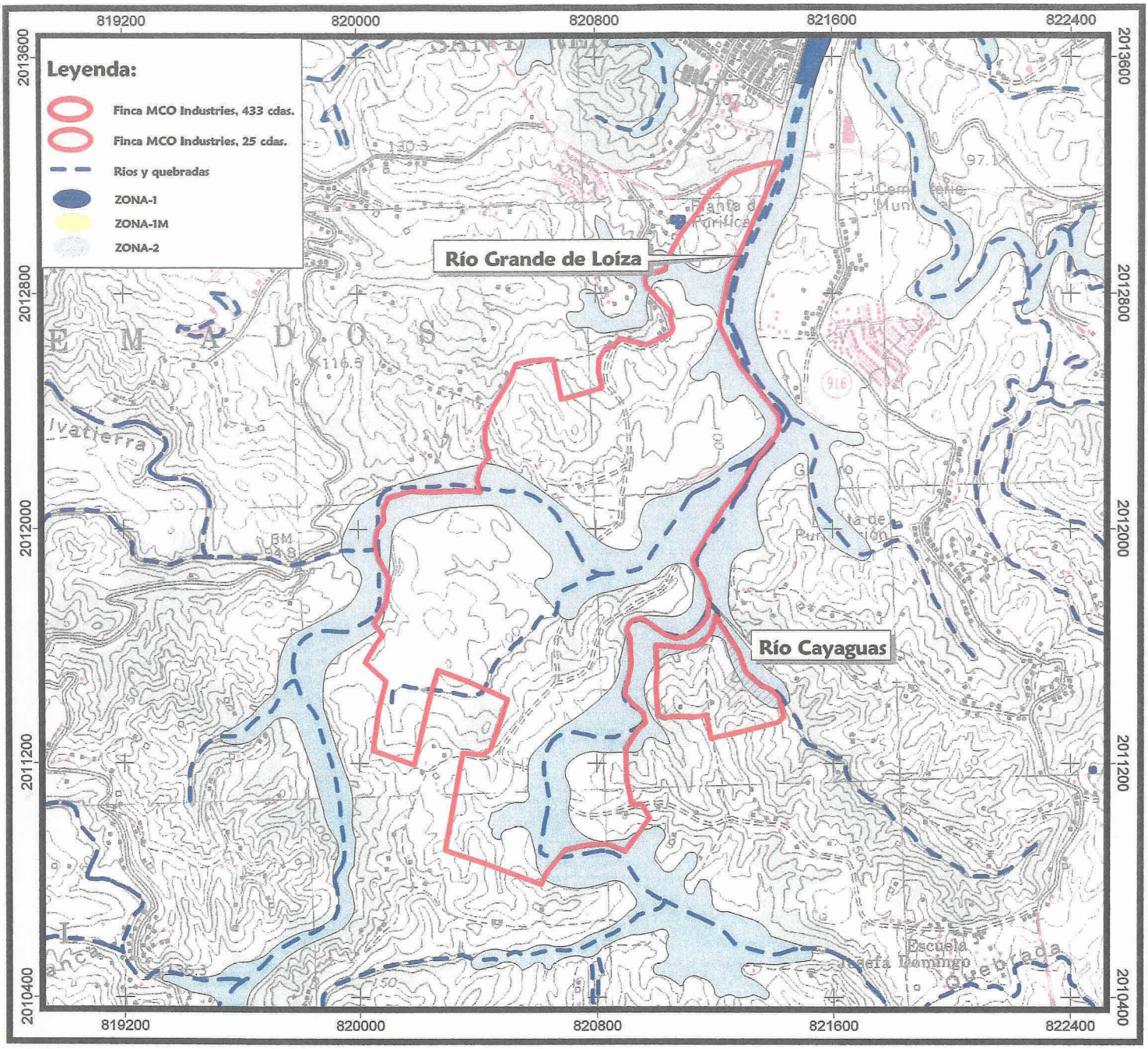


FIGURA 11: MAPA DE ZONAS SUSCEPTIBLES A INUNDACIONES - JP

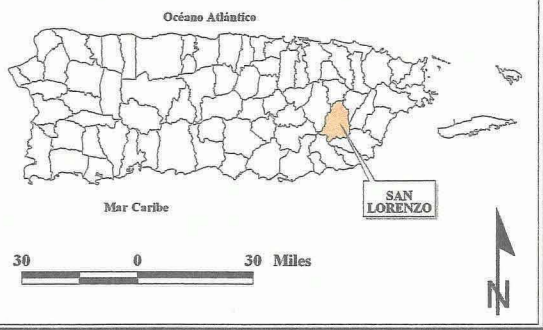
INTERVIRON SERVICES, INC.
PO Box 9024015
San Juan, PR 00902-4015
Tel. 787-960-6060
Fax 787-725-0491

Solicitud de Renovación #02-00089
(Renovación FP-091-99)
Permiso Formal de Extracción de Material de la Corteza Terrestre

SAN LORENZO SAND AND GRAVEL

Barrio Quemados, PR-183 Km 10.9
San Lorenzo, Puerto Rico

Mapa Indice



Fuente: Junta de Planificación. (vigencia: 4/3/88). Mapa de Zonas Susceptibles a Inundaciones. Hoja 29-C.

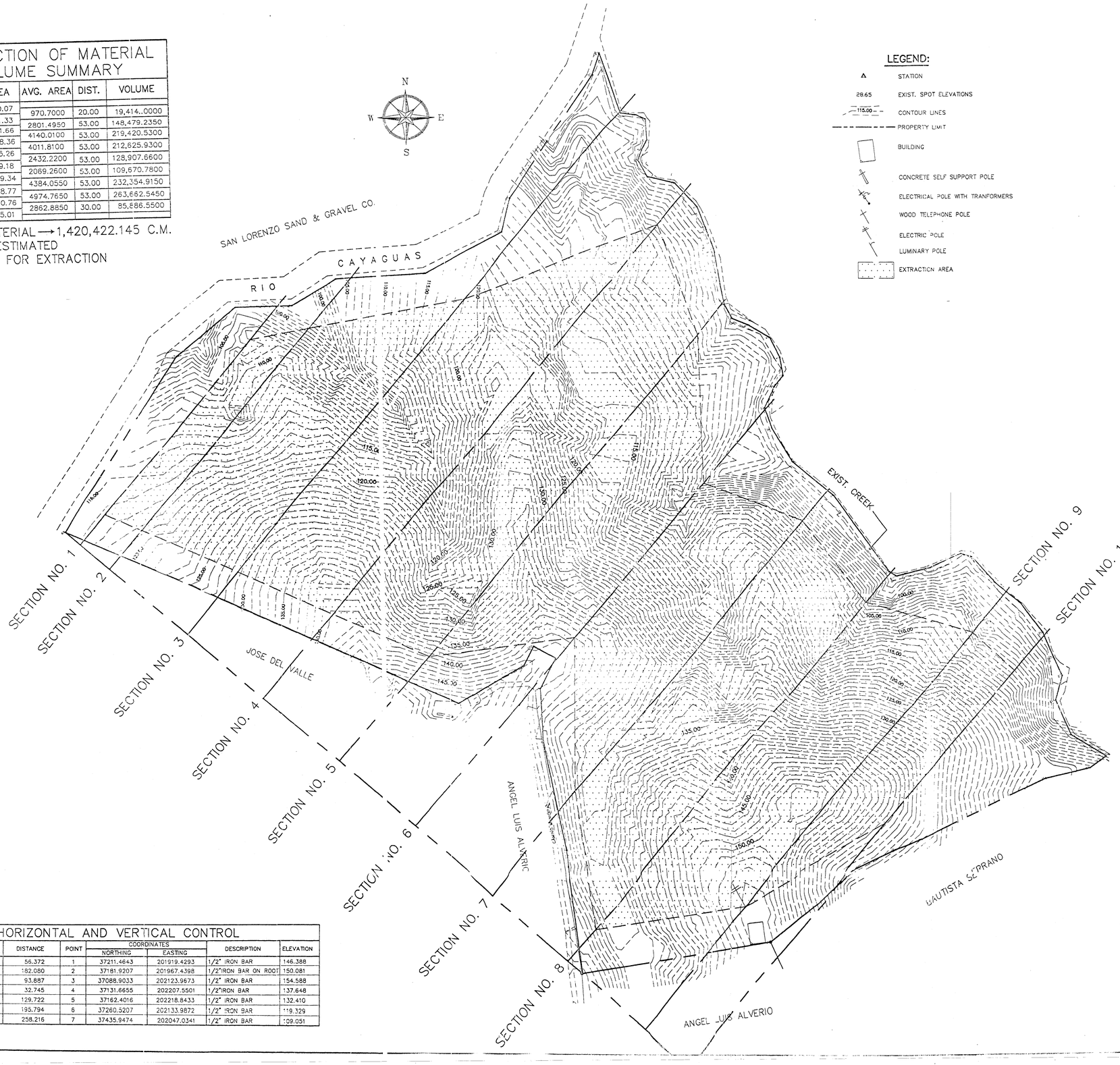
Apéndice 4:

Planos de Mensura y Secciones Transversales

EXTRACTION OF MATERIAL VOLUME SUMMARY

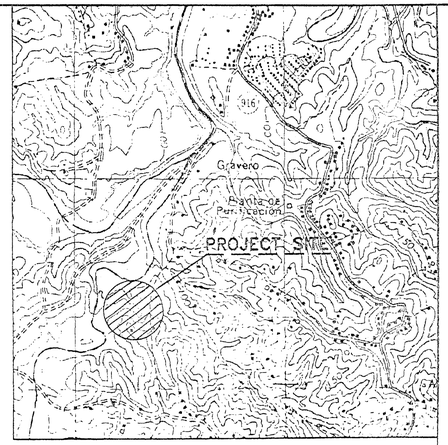
SECTION	AREA	AVG. AREA	DIST.	VOLUME
1	410.07			
		970.7000	20.00	19,414..0000
2	1531.33			
		2801.4950	53.00	148,479.2350
3	4071.66			
		4140.0100	53.00	219,420.5300
4	4208.36			
		4011.8100	53.00	212,625.9300
5	3815.26			
		2432.2200	53.00	128,907.6600
6	1049.18			
		2069.2600	53.00	109,670.7800
7	3089.34			
		4384.0550	53.00	232,354.9150
8	5678.77			
		4974.7650	53.00	263,662.5450
9	4270.76			
		2862.8850	30.00	85,886.5500
10	1455.01			

TOTAL MATERIAL ⟶ 1,420,422.145 C.M.
RESERVE ESTIMATED
AVAILABLE FOR EXTRACTION



LEGEND:

- STATION
- 28.65 — EXIST. SPOT ELEVATIONS
- 115.00 — CONTOUR LINES
- PROPERTY LIMIT
- BUILDING
- CONCRETE SELF SUPPORT POLE
- ELECTRICAL POLE WITH TRANFORMERS
- WOOD TELEPHONE POLE
- ELECTRIC POLE
- LUMINARY POLE
- EXTRACTION AREA



LOCATION MAP
SCALE 1:20,000

NOTES :

1 - ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN METERS

2 - ALL ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL DATUM.

3 - ALL COORDINATES ARE REFERRED TO THE PUERTO RICO OFFICIAL COORDINATES SYSTEMS.

4 - PARCEL PROPERTY LIMIT HERE SHOWN IS BASED ON SURVEY PLAN PREPARED BY LAND SURVEYOR JOSE A. CARRASQUILLO (LIC. NUM. 8562) ON SEPTEMBER 14, 1999.

HORIZONTAL AND VERTICAL CONTROL

LINE	BEARING	DISTANCE	POINT	COORDINATES		DESCRIPTION	ELEVATION
				NORTHING	EASTING		
1-2	S 58°23'37" E	56.372	1	37211.4643	201919.4293	1/2" IRON BAR	146.388
2-3	S 59°16'44" E	182.080	2	37181.9207	201967.4398	1/2"IRON BAR ON ROOT	150.081
3-4	N 62°54'18" E	93.887	3	37088.9033	202123.9673	1/2" IRON BAR	154.588
4-5	N 20°10'28" E	32.745	4	37131.6655	202207.5501	1/2"IRON BAR	137.648
5-6	N 40°51'15" W	129.722	5	37162.4016	202218.8433	1/2" IRON BAR	132.410
6-7	N 26°21'58" W	195.794	6	37260.5207	202133.9872	1/2" IRON BAR	119.329
7-1	S 29°36'56" W	258.216	7	37435.9474	202047.0341	1/2" IRON BAR	109.051

CERTIFICATE

THE UNDERSIGNED REGISTERED LAND SURVEYOR, LIC. NO. 9316 AUTHORIZED TO EXERCISE HIS PROFESSION IN PUERTO RICO, HEREBY CERTIFY THAT HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND THAT THE PLAT HEREON DRAWN IS A TRUE REPRESENTATION OF THE EXISTING TOPOGHAPHIC CONDITION OF SAID PROPERTY AT THE DATE SURVEY WAS PERFORED.

VICTOR FIGUEROA FLECHA
LAND SURVEYOR–LIC. NO. 9316
SEPTEMBER, 2002

VICTOR FIGUEROA FLECHA
AGRIMENSOR LICENCIADO
LIC. NO. 9316
PUERTO RICO

VICTOR FIGUEROA FLECHA
CALLE 5 BLOQUE K-16
URB. SANTA ELENA BAYAMON, P.R.
TEL. (787) 706-8383

LAND PARCEL TOPOGRAPHIC MAP SHOWING CROSS SECTION LOCATIONS

FINCA ALVERIO
CERRO CEMIDO WARD, SAN LORENZO, PUERTO RICO

D W G
C S P-1

SC. = 1:1,000