



Sanitary Distribution Layot

SCALE: 1:500

MUNICIPIO DE SALINAS

LOTS AREA

BLOCK	LOT	AREA	
		SM	CUERDAS
A	19	310.35	0.07190
	20	310.35	0.07190
	21	310.01	0.0709
	22	309.23	0.0706
	23	308.56	0.0706
	24	308.66	0.0705
	25	309.24	0.0704
	26	307.55	0.0702
	27	307.92	0.0703
	28	307.82	0.0703
29	309.47	0.0707	
30	298.03	0.0708	
B	18	356.28	0.0852
	17	278.26	0.0709
	16	96.73	0.0254
	15	314.59	0.0800
	14	314.71	0.0801
	13	333.47	0.0848
	1	297.02	0.0708
	2	303.88	0.0713
	3	303.88	0.0713
	4	303.98	0.071
5	303.82	0.0713	
6	303.83	0.0713	
7	303.83	0.0713	
8	303.95	0.0713	
9	303.95	0.0713	
10	303.85	0.0713	
11	303.87	0.0714	
12	218.61	0.0511	
D	31	448.35	0.1141
	32	296.28	0.0754
	33	296.66	0.0755
	34	297.06	0.0756
	35	298.20	0.0759
	36	297.95	0.0758
	37	300.81	0.0765
	38	303.77	0.0772
	39	303.12	0.0771
	40	380.68	0.0969
E	41	353.22	0.0937
	42	307.50	0.0762
	43	307.38	0.0762
	44	307.93	0.0764
	45	307.28	0.0762
	46	308.35	0.0765
	47	307.43	0.0762
	48	304.74	0.0764
	49	310.33	0.0815
	50	304.75	0.0775
51	304.86	0.0776	
52	305.92	0.0778	
53	312.39	0.0784	
54	304.51	0.0775	
55	306.93	0.0789	
56	356.34	0.0907	
F	57	306.47	0.0780
	58	307.09	0.0781
	59	307.59	0.0783
	60	308.72	0.0785
	61	514.30	0.1309
	62	289.28	0.0734
	63	305.53	0.0777
	64	305.49	0.0777
	65	304.93	0.0778
	66	289.52	0.0737
67	248.24	0.0621	
G	68	308.88	0.0786
	69	321.90	0.0819
	70	330.80	0.0842
	71	324.88	0.0827
	72	322.64	0.0821
	73	305.73	0.0778
	74	305.46	0.0777
	75	311.26	0.0782
	76	289.33	0.0736
	77	282.10	0.0718
H	78	308.09	0.0784
	79		
TOTAL		24,575.73	6.249

TOTAL 4" DIAM. PVC PIPE LENGTH = 860.00 LM
 TOTAL 1/2" DIAM. EA. PIPE LENGTH = 294.00 LM

ACUEDUT GENERAL NOTES

- SANITARY SEWER PIPE SHALL BE 8" DIAM. POLYVINYL CHLORIDE PIPE SDR-14 W/ RUBBER GASKET JOINT
- 19" SWELLING UNITS UNDER THIS PROJECT
- ALL WORKMANSHIP AND MATERIALS SHALL COMPLY W/ THE SPECIFICATIONS OF PRASA, AND SHALL ADHERE W/ THE ADDITIONAL CONDITIONS INDICATED IN THE WRITTEN APPROVAL BY PRASA. IN CASE OF CONFLICT W/ DRAWINGS, PRASA WRITTEN CONDITIONS SHALL PREVAIL
- ALL PIPES, FITTINGS, RELATED MATERIALS AND CONSTRUCTION PROCEDURES SHALL CONFORM TO PRASA SPECIFICATIONS.
- A DETECTABLE PLASTIC WARNING RIBBON SHALL BE PLACED OVER THE PVC PIPING TO BE INSTALLED AS PART OF THE SANITARY SEWER SYSTEM. RIBBON SHALL BE AS MANUFACTURED BY REEF INDUSTRIES INC. OR APPROVED EQUAL. SAID RIBBON SHALL BE INSTALLED DIRECTLY ABOVE THE SANITARY SEWER SYSTEM AT TWELVE (12") INCHES BENEATH FINISH GRADE.
- ALL INTERIOR SURFACES OF SANITARY SEWER MANHOLES SHALL BE COATED W/ GELBARD 669 DURAKOTE OR APPROVED EQUAL. DRY FILM THICKNESS SHALL BE 40 MILLIMETER.
- ALL ELEVATIONS AND DISTANCES ARE EXPRESSED IN METERS.
- CARTESIAN COORDINATES REFERRED TO LAMBERT COORDINATE, NAD SYSTEM, METERS METERS ARE USED.
- ELEVATIONS REFERRED TO MEAN SEA LEVEL, PUERTO RICO DATUM PLANE, METERS ARE USED.
- THE DISTANCE BETWEEN THE WATER SERVICE CONNECTION AND THE SANITARY SEWER CONNECTION MUST BE MORE OR EQUAL THAN 5'-0". THE INSTALLATION OF BOTH SERVICES IN THE SAME TRENCH IS NOT PERMITTED.
- SANITARY CLEAN OUTS MUST BE INSTALLED OUT OF THE ROADWAY OR ACCESS RAMPS AREA.
- MANHOLES INSTALLED IN FLOODING AREA MUST BE WATERTIGHT TYPE.
- THE INFILTRATION AND OUTFLOW OF WATER IN THE SEWER COULD NOT BE MORE THAN 100 GALLONS PER INCH OF DIAMETER PER MILE OF LENGTH IN CONTINUOUS 24 HOURS.
- THE CONTRACTOR SHALL PAY AND PERFORM THE INFILTRATION AND OUTFLOW TEST AS REQUIRED BY THE PRASA ENGINEER. THE SEWER THAT NOT ACCOMPLISH W/ THIS PARAMETERS SHALL BE IMPROVED OR REINSTALLED BY THE CONTRACTOR AND SHALL BE PERFORMED UNTIL THE PRASA ENGINEER APPROVED IT.

SEWER MANHOLES LOCATION

MANHOLE MK'D.	NORTHING	EASTING	TOP ELEVATION	BOTTOM ELEVATION
MH-1				
MH-2				
MH-3				
MH-4				
MH-5				
MH-6				
MH-7				
MH-8				
MH-9				
MH-10				
MH-11				
MH-12				
MH-13				
MH-14				
MH-15				
MH-16				

LEGEND

- STANDARD MANHOLE TO BE CONSTRUCTED
- PVC ASTM D-3034 (SDR-35) DIAMETER AND FLOW AS INDICATED
- 4" DIAM. HOUSE CONNECTION @ 1'-0" WITHIN THE PROPERTY BOUNDARY (PVC-SDR-35)
- L LENGTH (IN METER)
- S TUBING SLOPE
- D TUBING DIAMETER IN INCHES
- T.E. TOP ELEVATION
- I.E. INVERT ELEVATION

Project:

ESTANCIAS DE LEDEE

State Road No. 180, Km. 0.5, Aguirre Ward, Salinas, Puerto Rico

Title Sheet:
 Sanitary Distribution Layout Plan, Legend,
 Schedule and Notes

No. Revision

SERVICIOS DE INGENIERIA

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Design By:

Drawn By: E. GONZALEZ

Date: AUGUST/2021

Scale: AS SHOWN

Sheet:

W=2

Page:

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