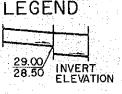


5 SEWER NO.

© 1,000 DIAMETER (mm)

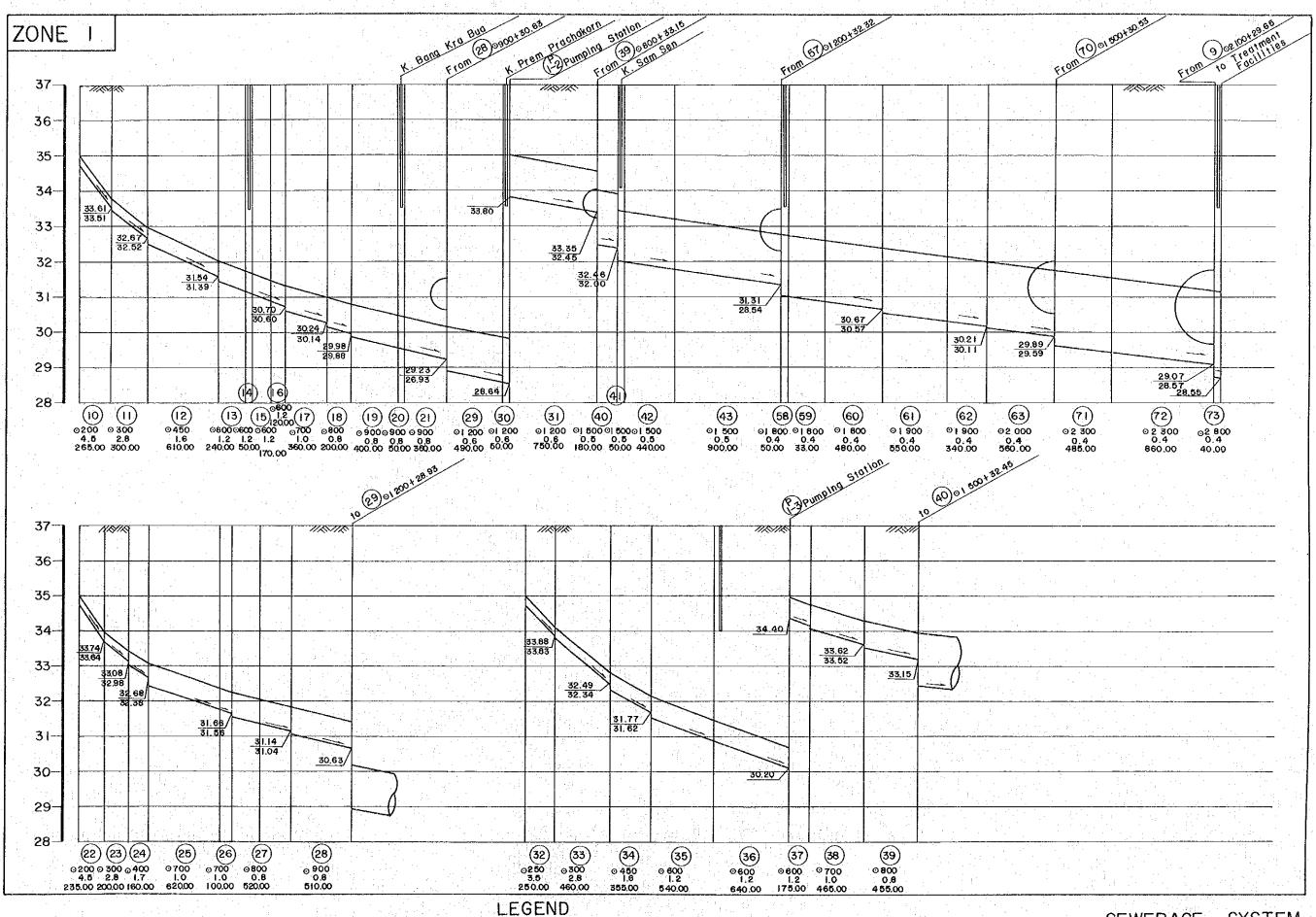
0.8 SLOPE (%)

200 LENGTH (m)



ELEVATIONS IN METERS
M.S.L. 35.03

SEWERAGE SYSTEM PROFILE



(5) SEWER NO.

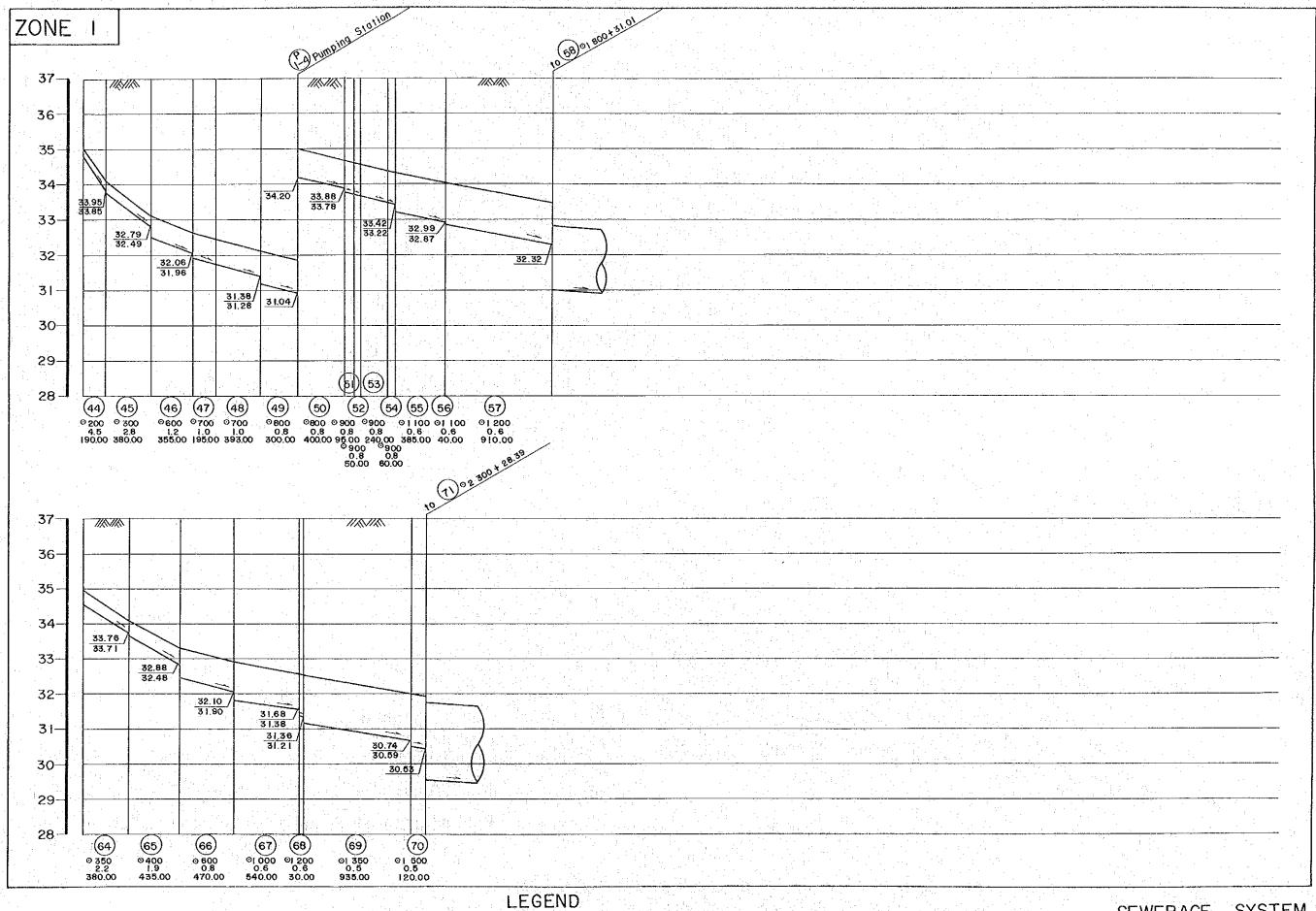
○ 1,000 DIAMETER (mm)

0.8 SLOPE (%ω)

200 LENGTH (m)

29.00 INVERT ELEVATION

ELEVATIONS IN METERS M.S.L. 35.03 SEWERAGE SYSTEM PROFILE

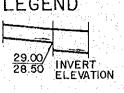


(5) SEWER NO.

○ 1,000 DIAMETER (mm)

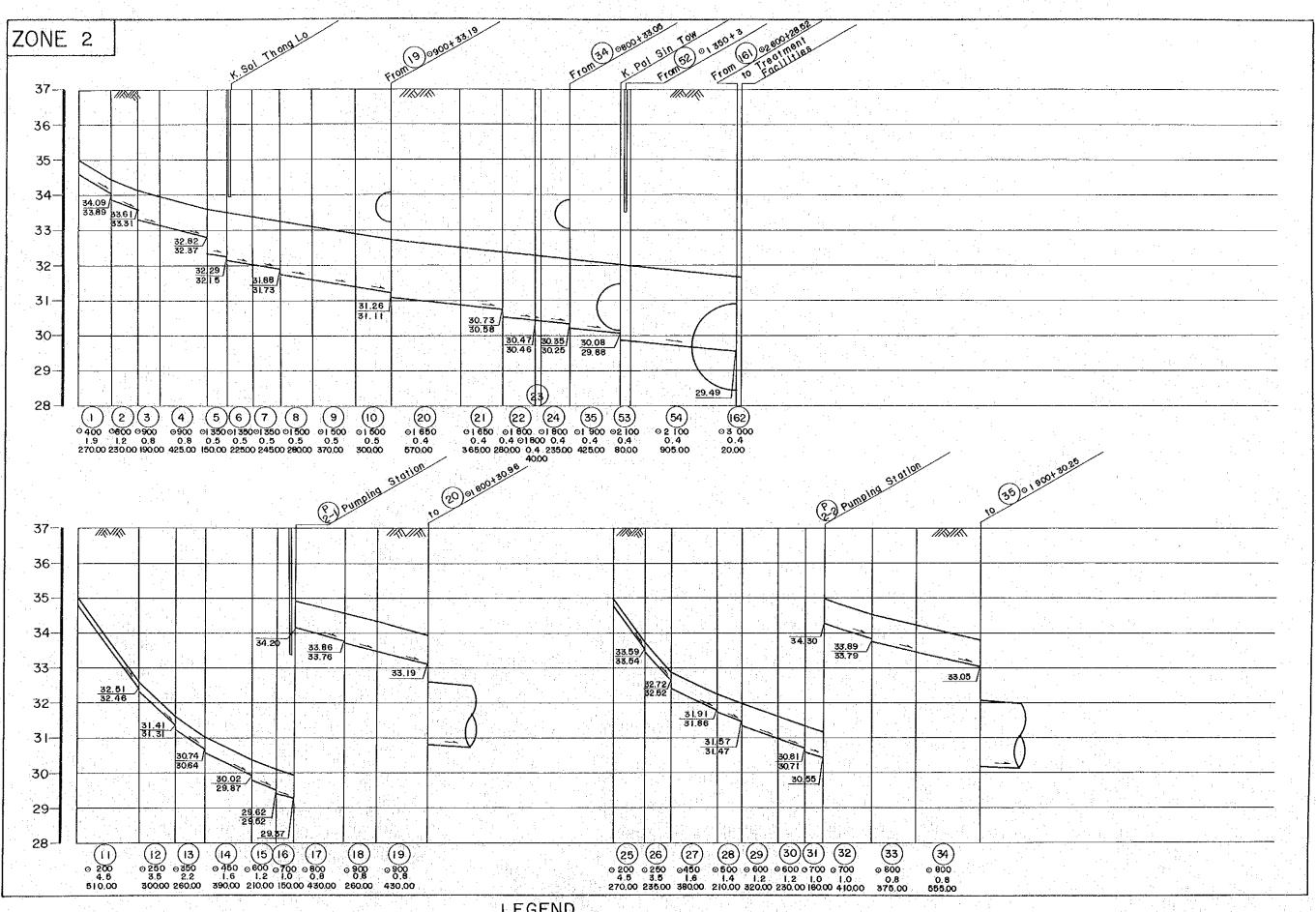
O.8 SLOPE (‰)

200 LENGTH (m)

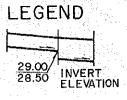


ELEVATIONS IN METERS
M.S.L. 35.03

SEWERAGE SYSTEM PROFILE

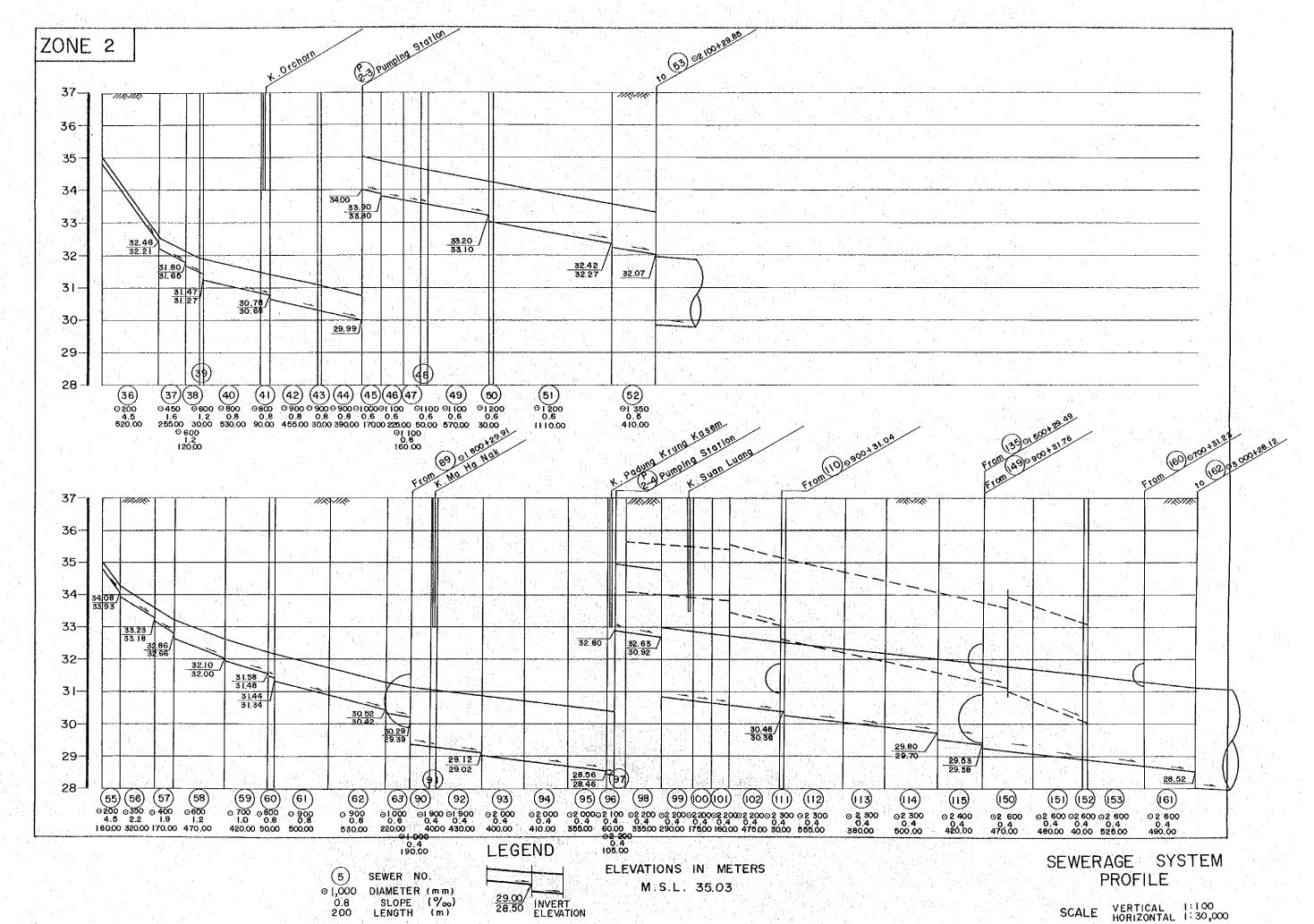


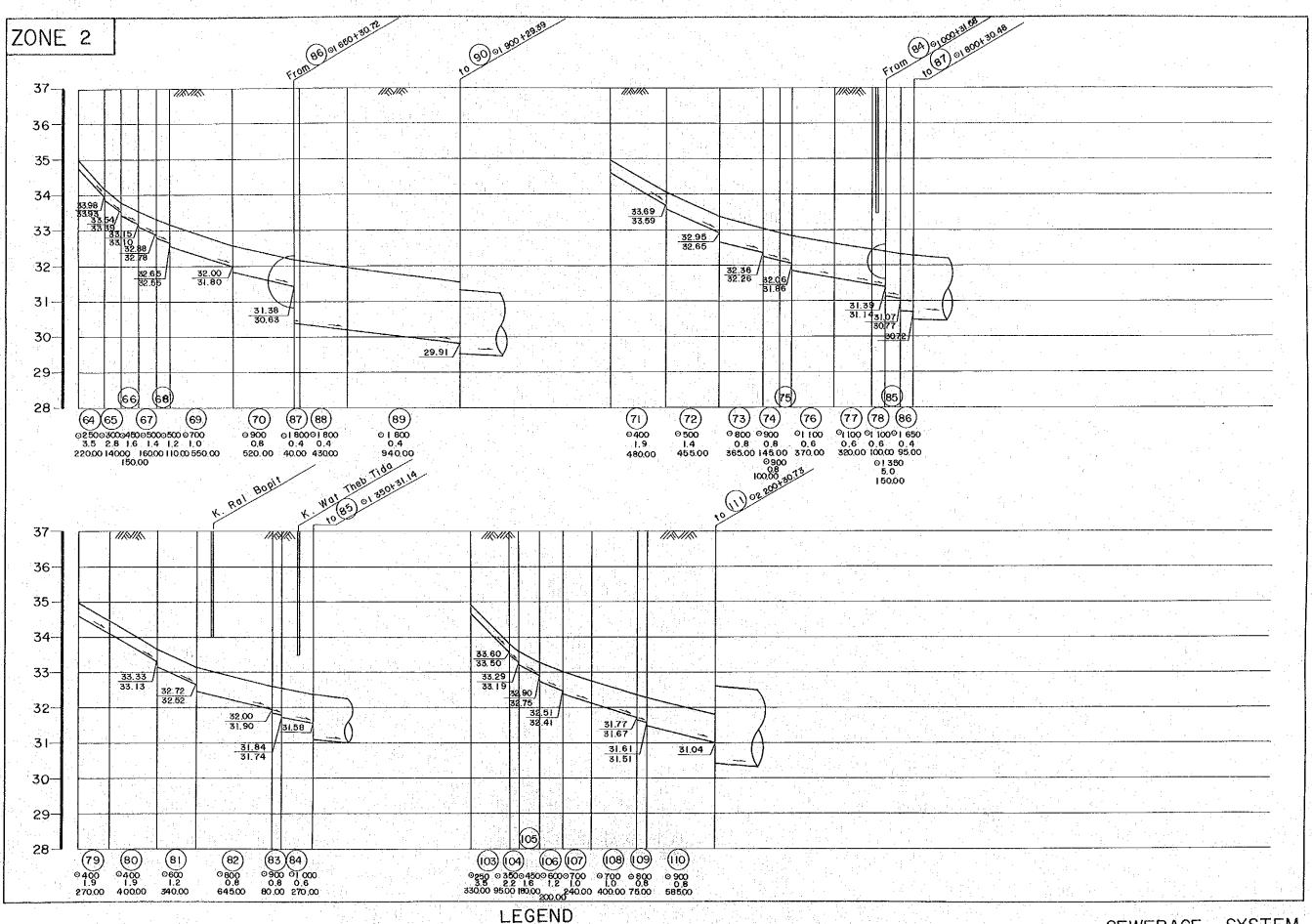
(5) SEWER NO. ○ 1,000 DIAMETER (mm) 0.8 SLOPE (%ω) 200 LENGTH (m)



ELEVATIONS IN METERS M.S.L. 35.03

SEWERAGE SYSTEM PROFILE



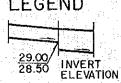


5 SEWER NO.

I,000 DIAMETER (mm)

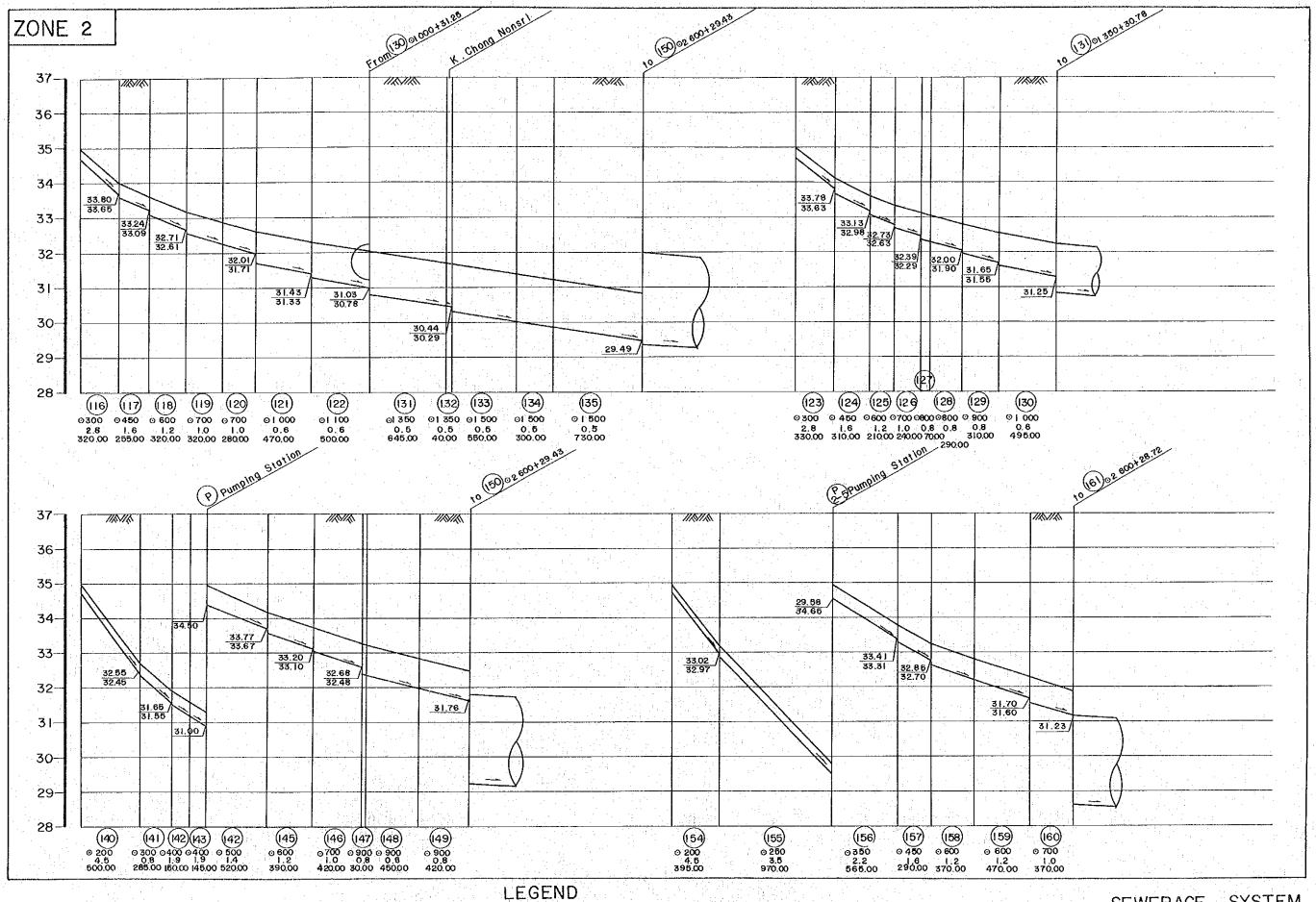
O.8 SLOPE (%)

200 LENGTH (m)



ELEVATIONS IN METERS
M.S.L. 35.03

SEWERAGE SYSTEM PROFILE



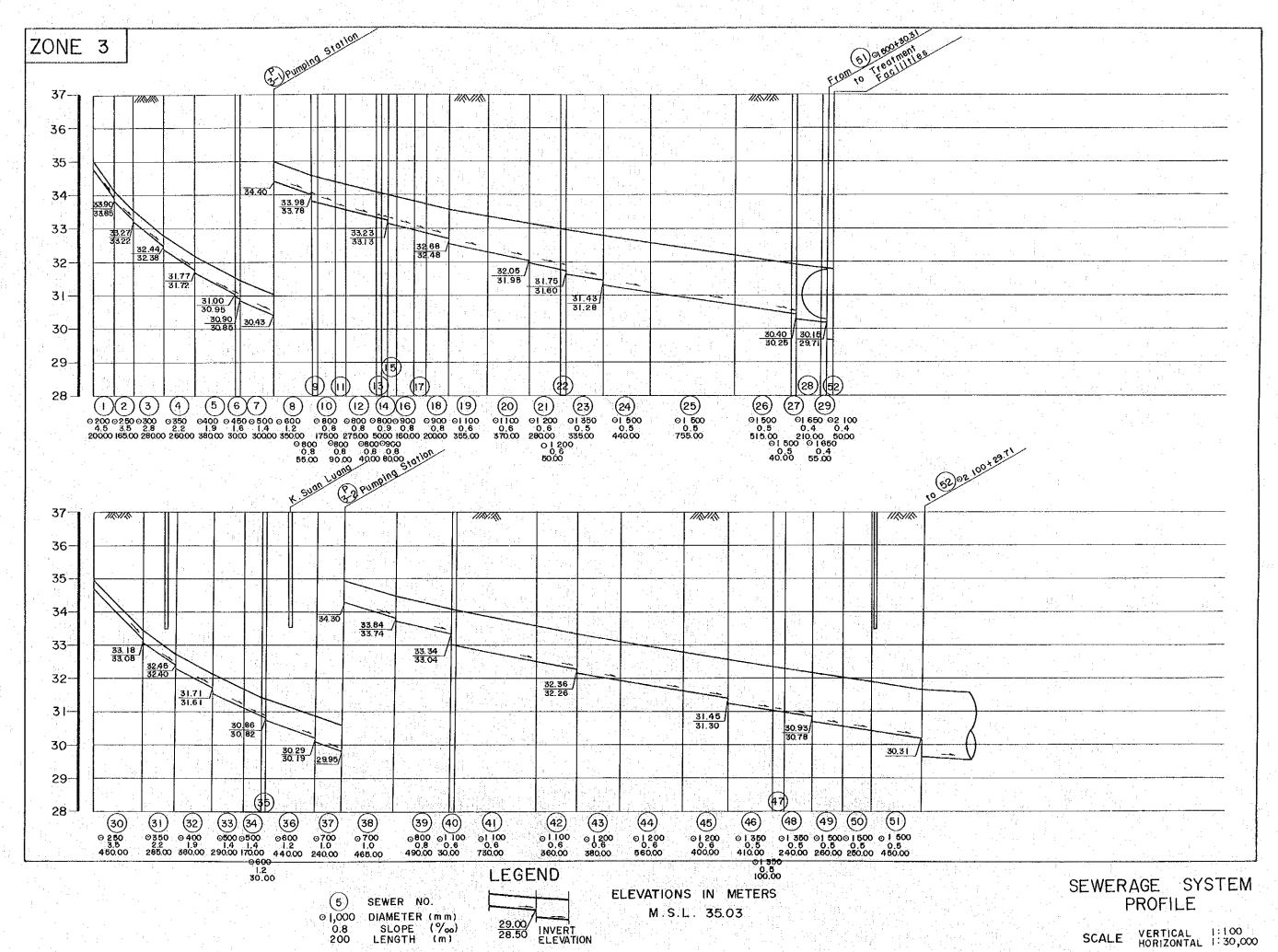
5 SEWER NO.

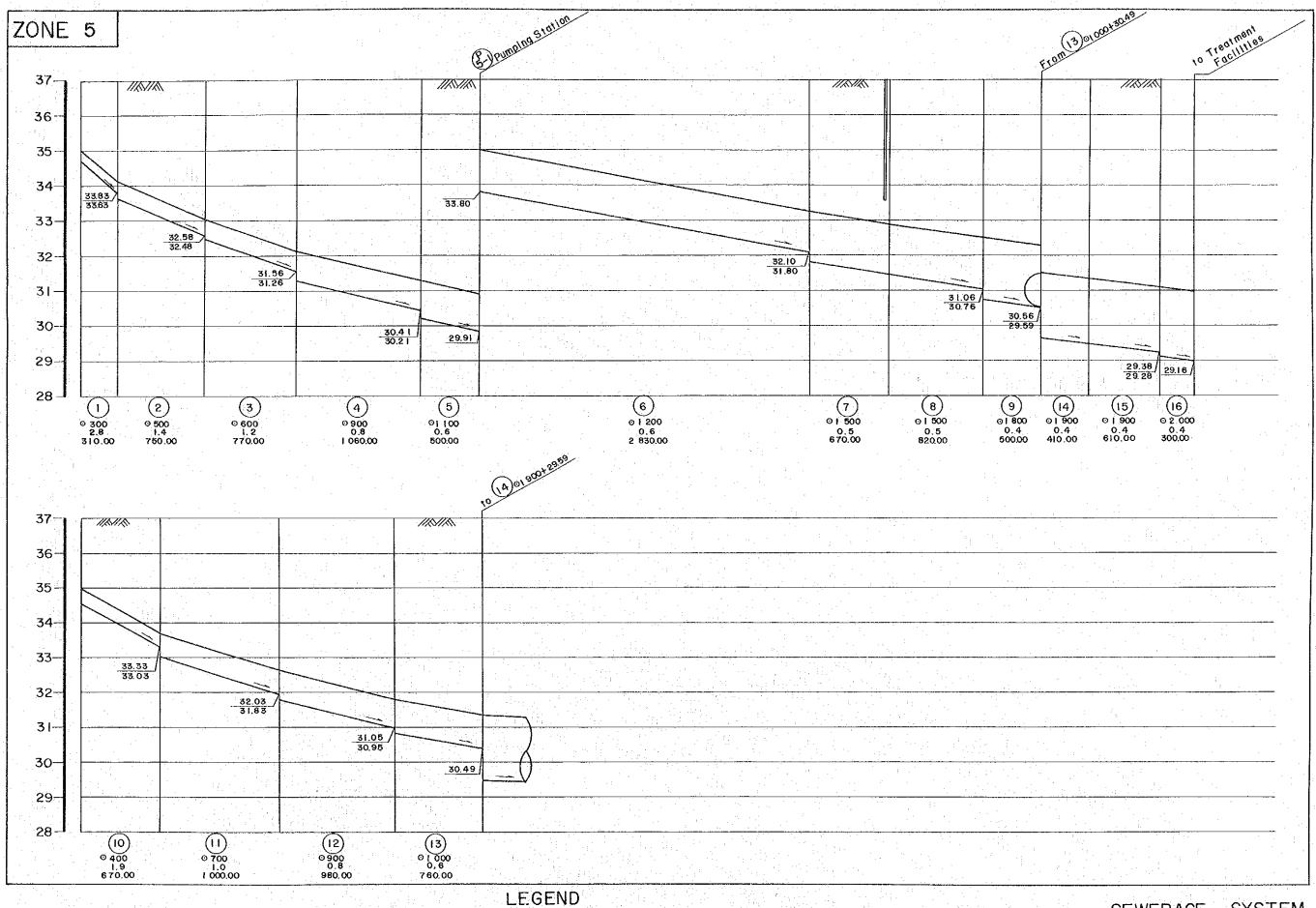
○ |,000 DIAMETER (mm)

0.8 SLOPE (%o)
200 LENGTH (m)

ELEVATON ELEVATION

ELEVATIONS IN METERS M.S.L. 35.03 SEWERAGE SYSTEM PROFILE

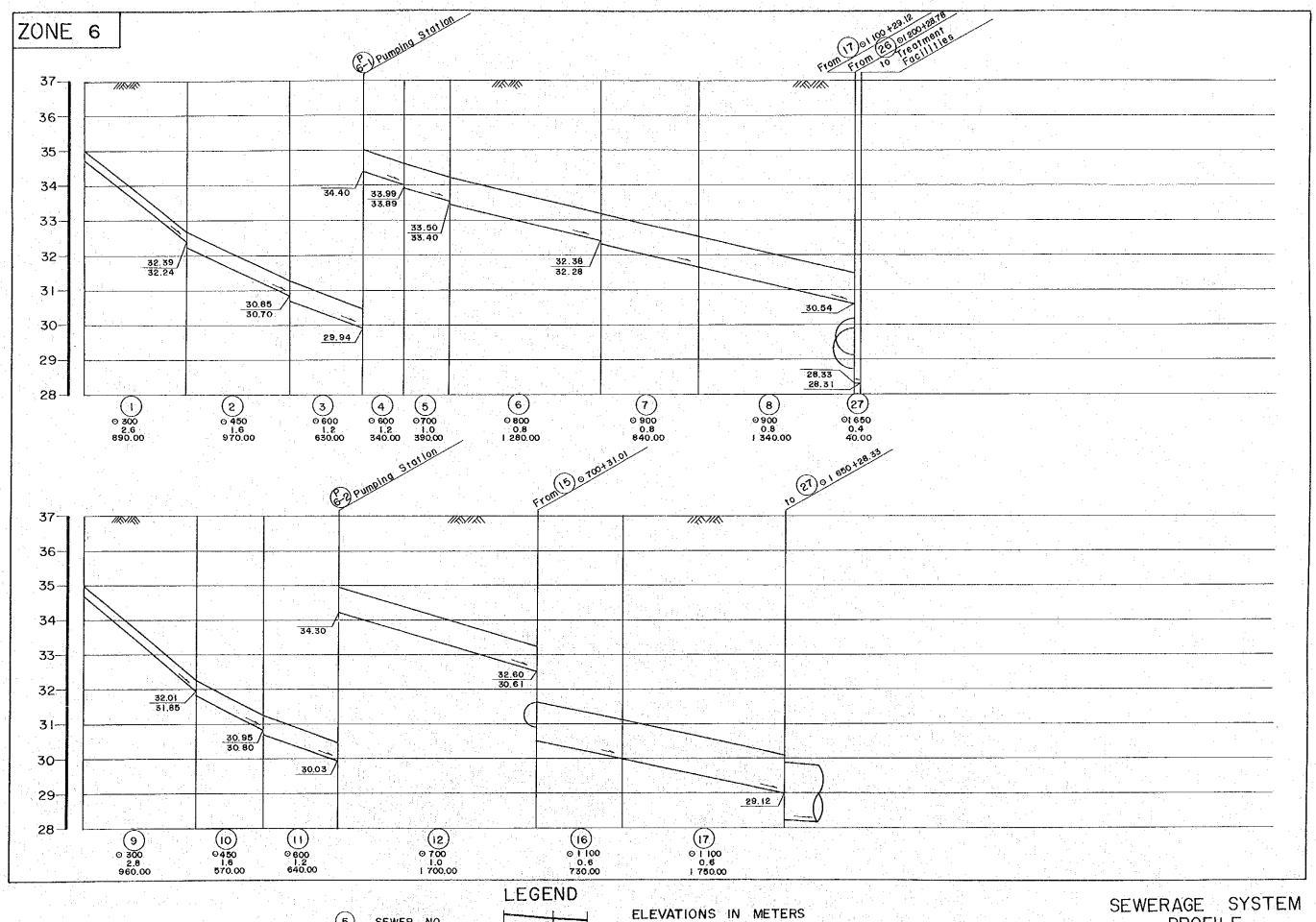




5 SEWER NO. ○ 1,000 DIAMETER (mm) 0.8 SLOPE (%ω) 200 LENGTH (m) 29.00 INVERT ELEVATION

M.S.L. 35.03

SEWERAGE SYSTEM PROFILE



M.S.L. 35.03

(5)

0.8 200

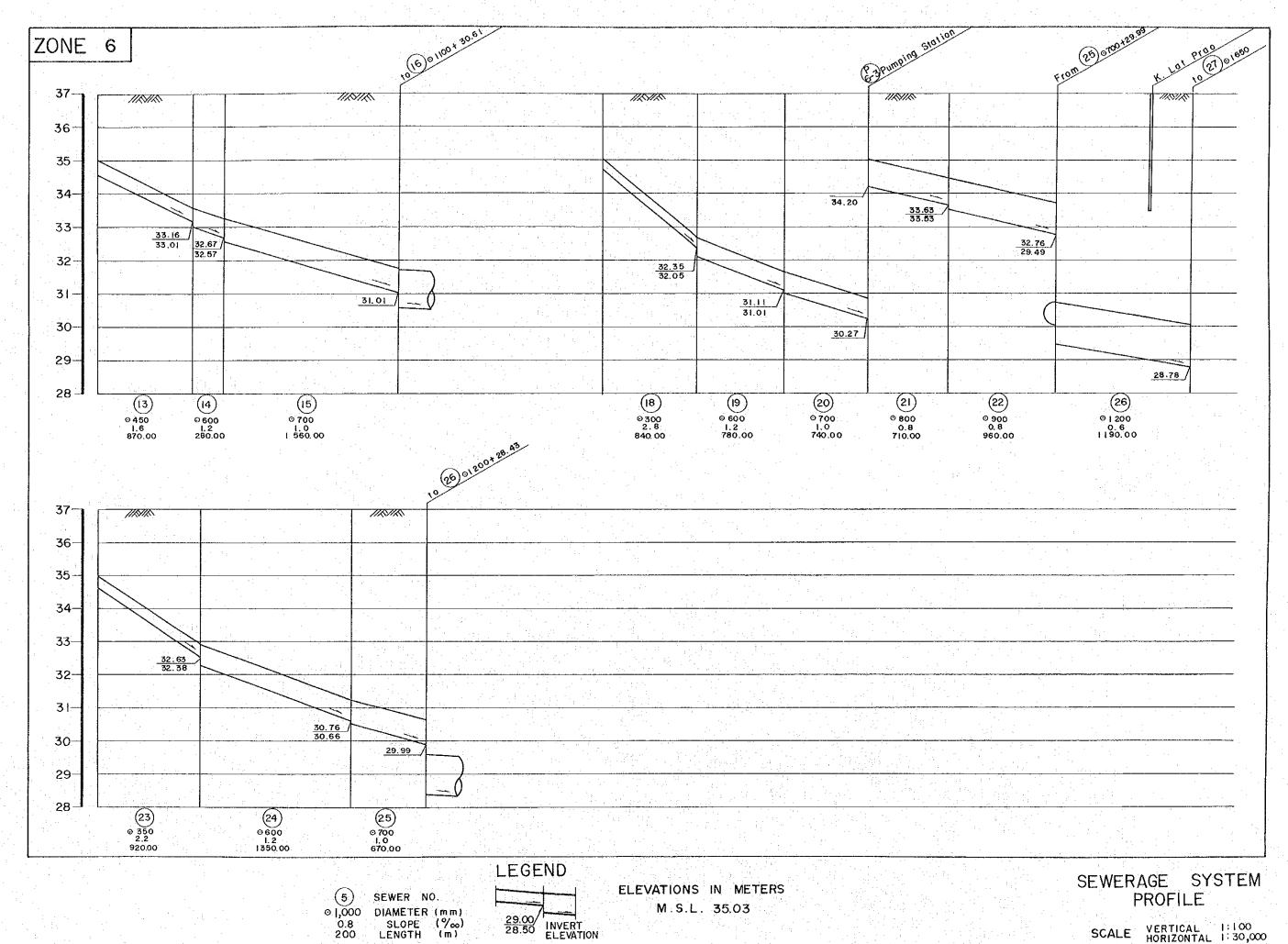
SEWER NO.

DIAMETER (mm) SLOPE (%の) LENGTH (m)

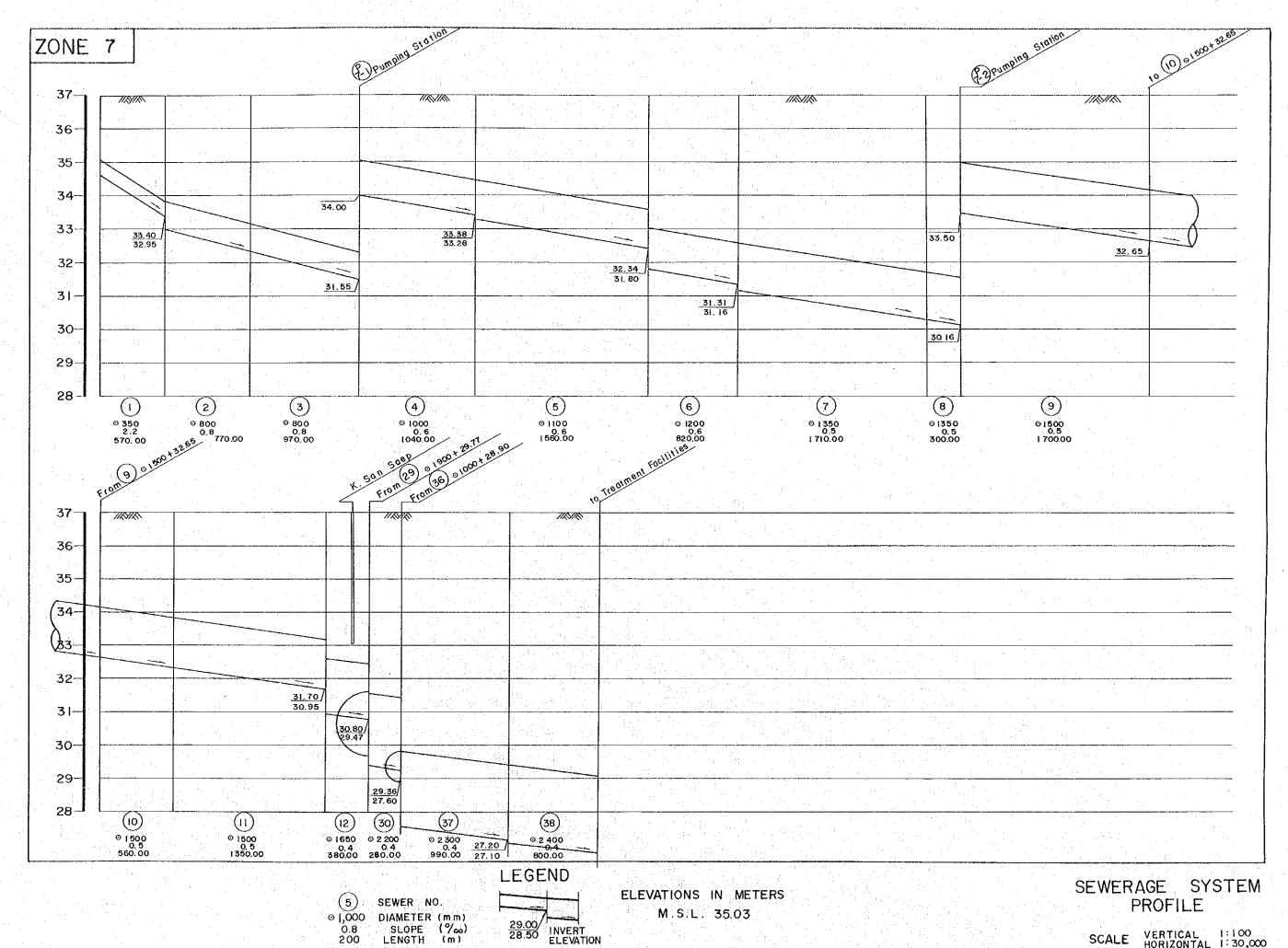
29.00 28.50

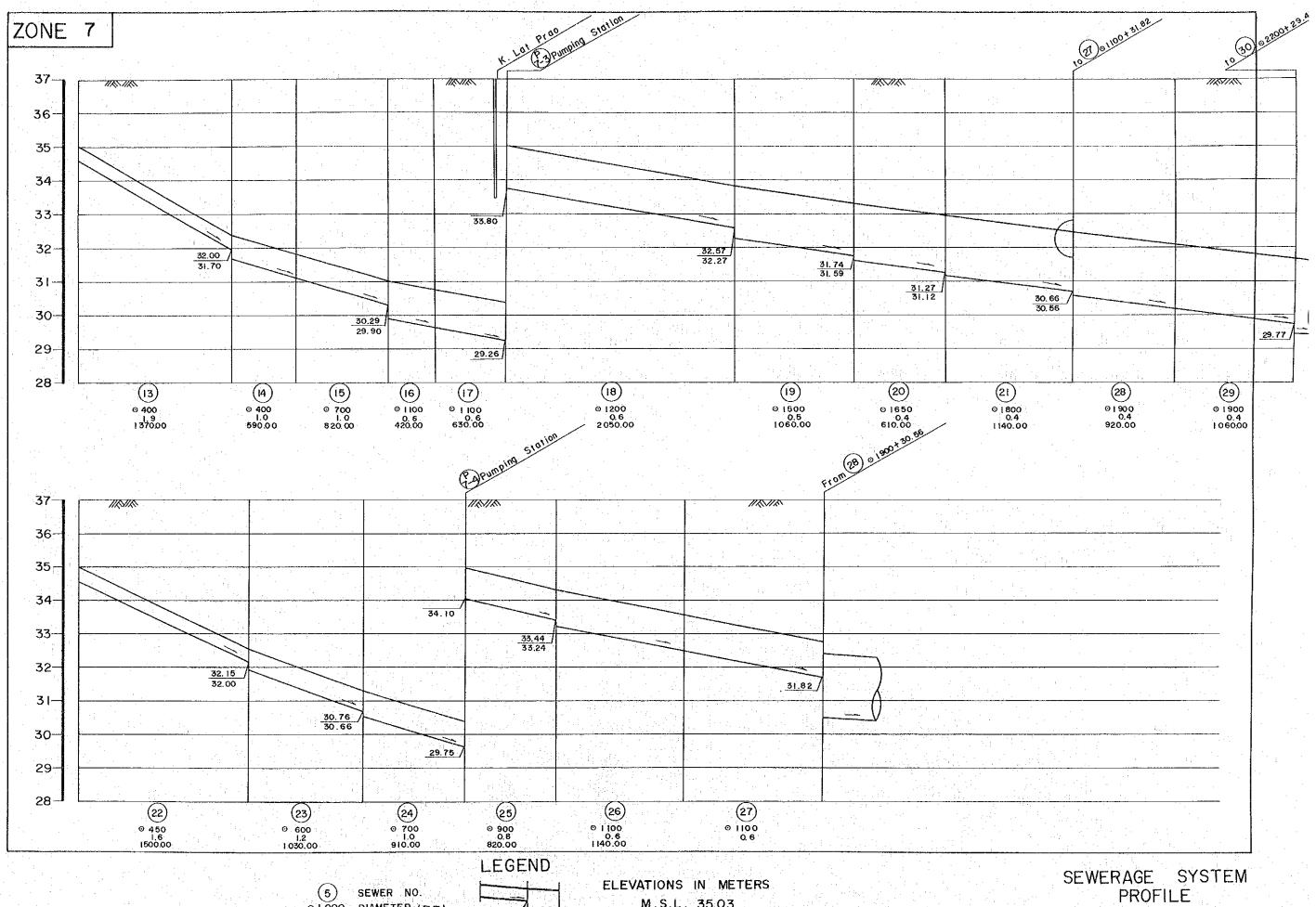
INVERT ELEVATION

SEWERAGE SYSTEM PROFILE



29.00/INVERT ELEVATION

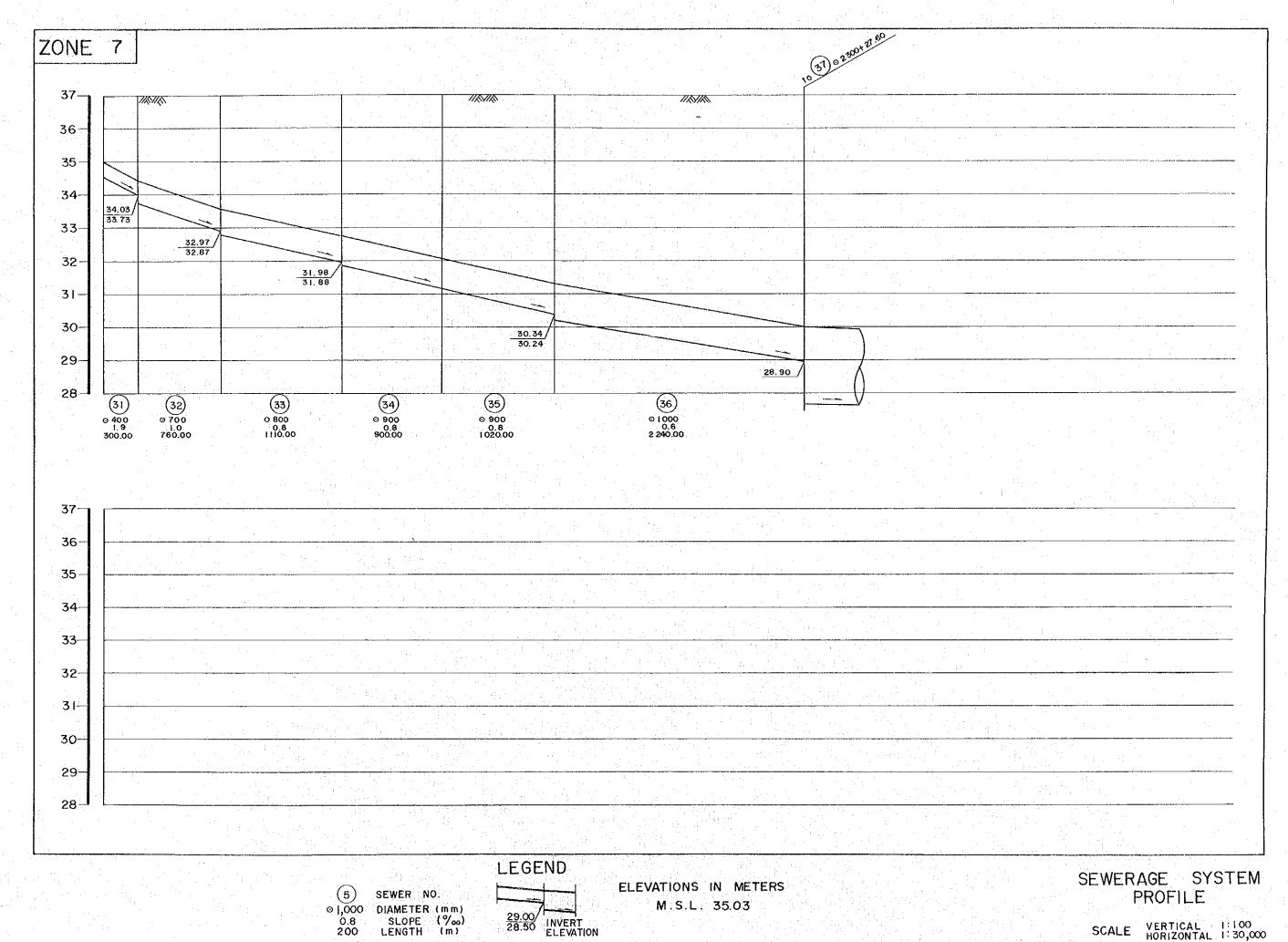




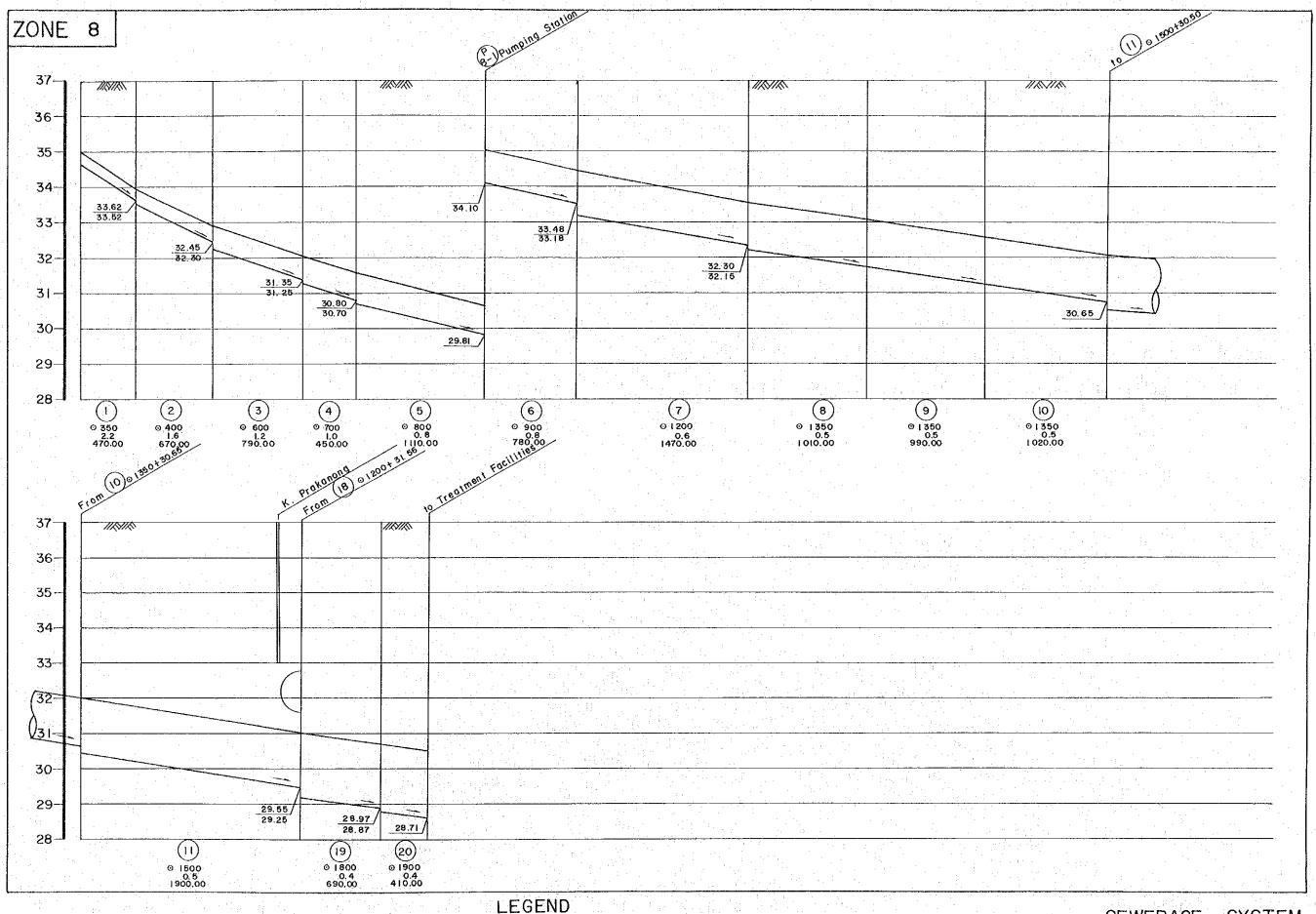
DIAMETER (mm)
SLOPE (%)
LENGTH (m) 0 J,000 0.8 200

29.00/INVERT 28.50 ELEVATION

M.S.L. 35.03

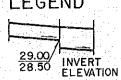


29.00 INVERT ELEVATION

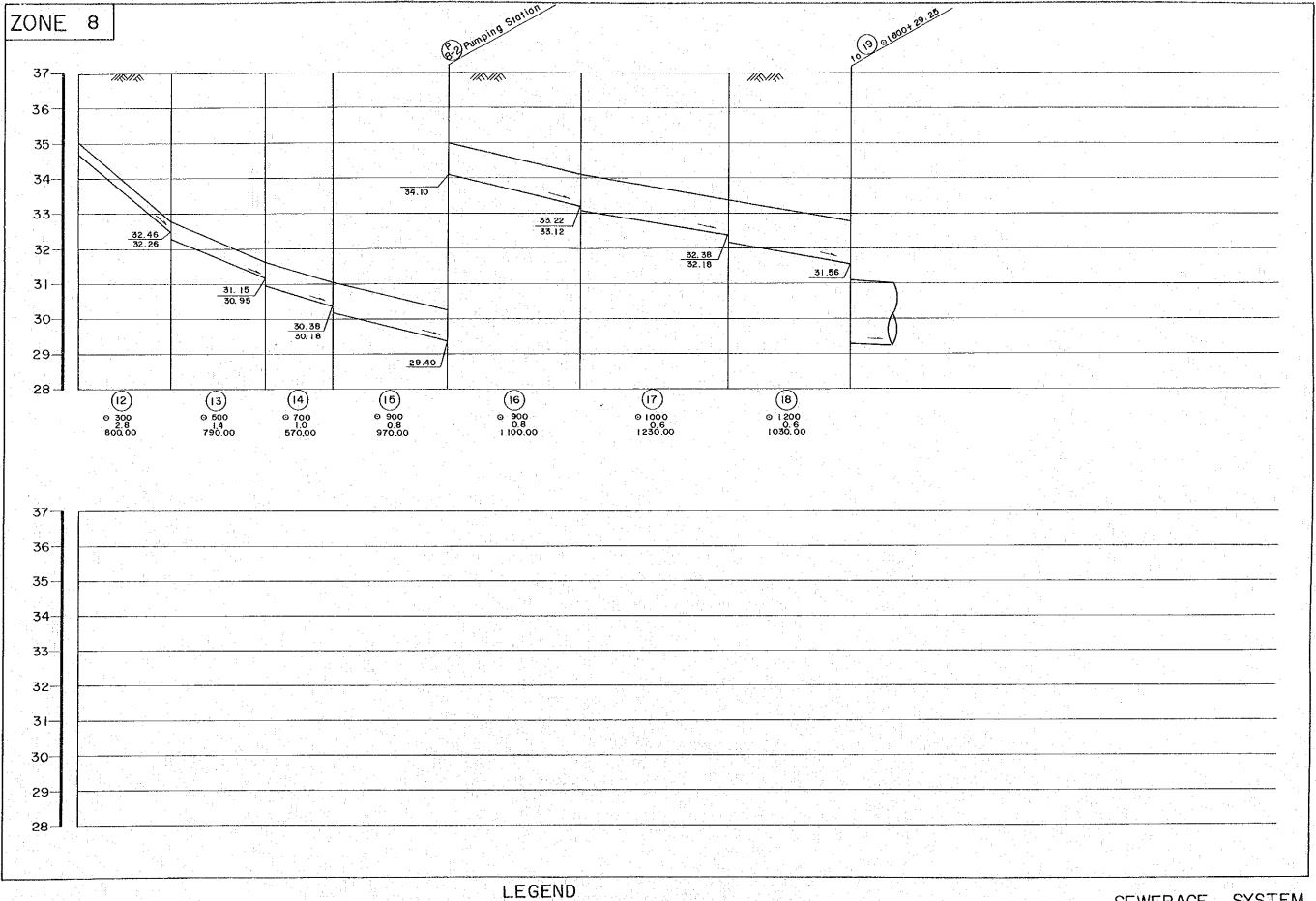


5 SEWER NO.

0 1,000 DIAMETER (mm)
0.8 SLOPE (%)
200 LENGTH (m)



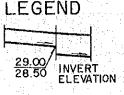
ELEVATIONS IN METERS M.S.L. 35.03 SEWERAGE SYSTEM PROFILE



5 SEWER NO.

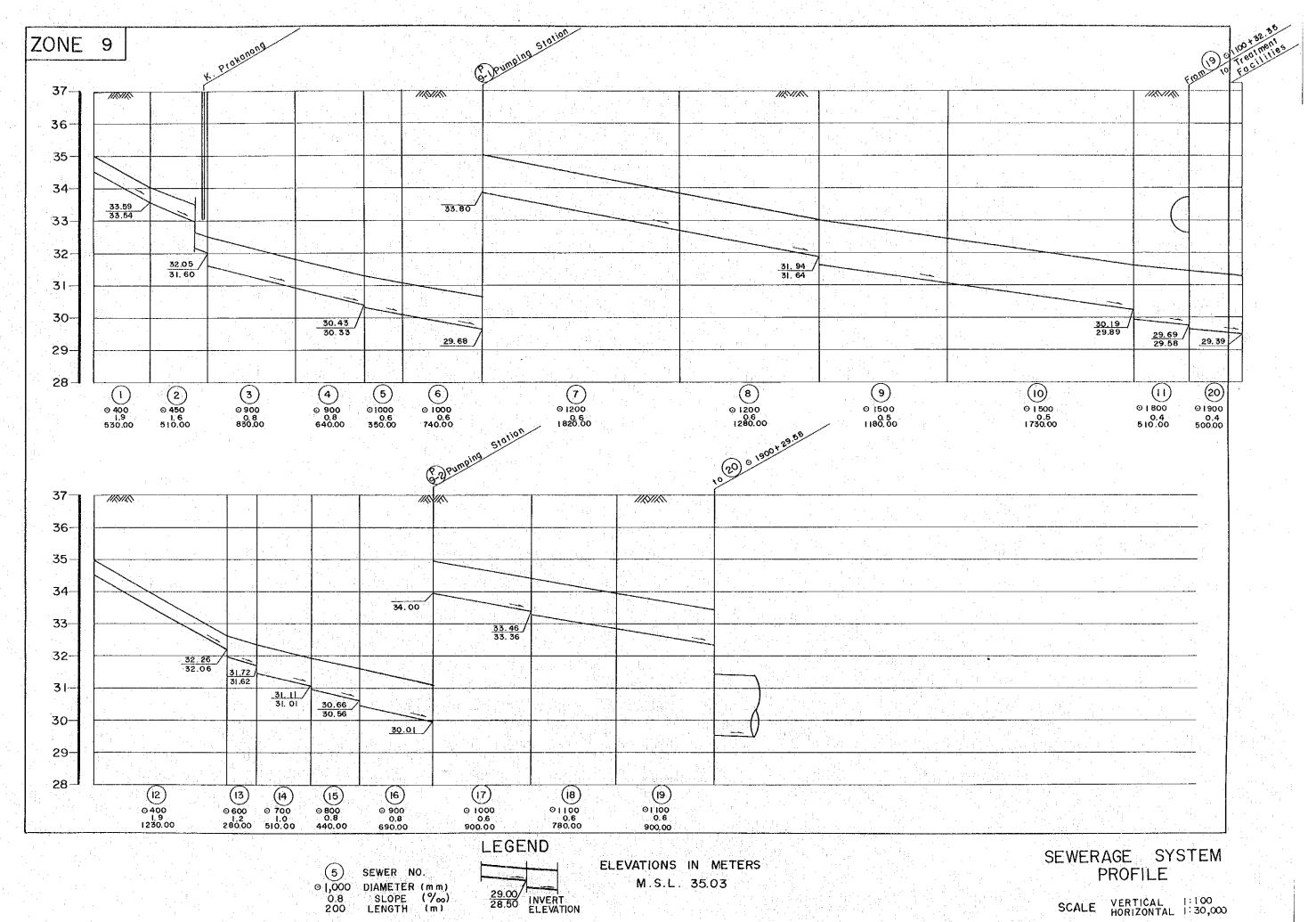
0 1,000 DIAMETER (mm)

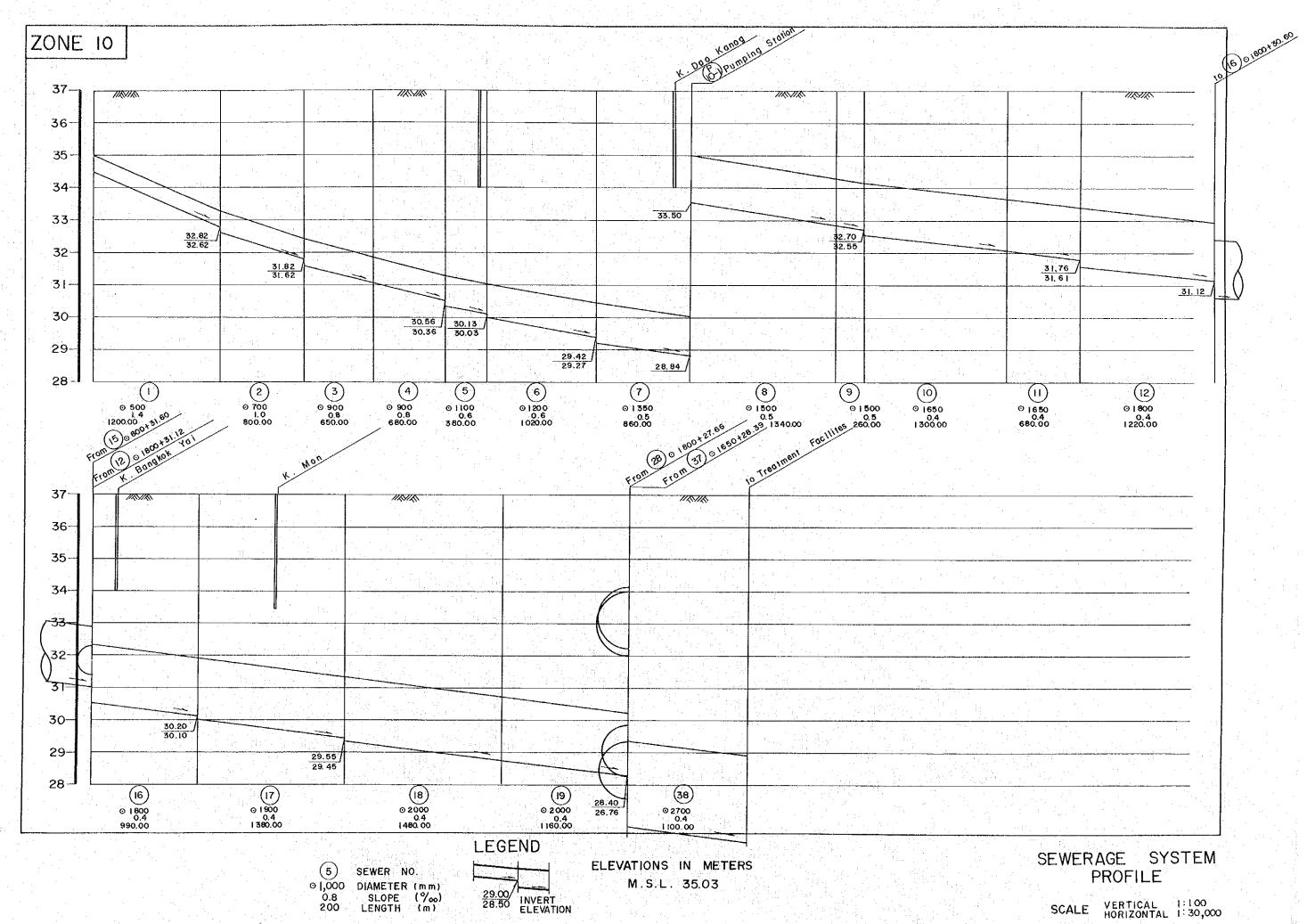
0.8 SLOPE (%)
200 LENGTH (m)

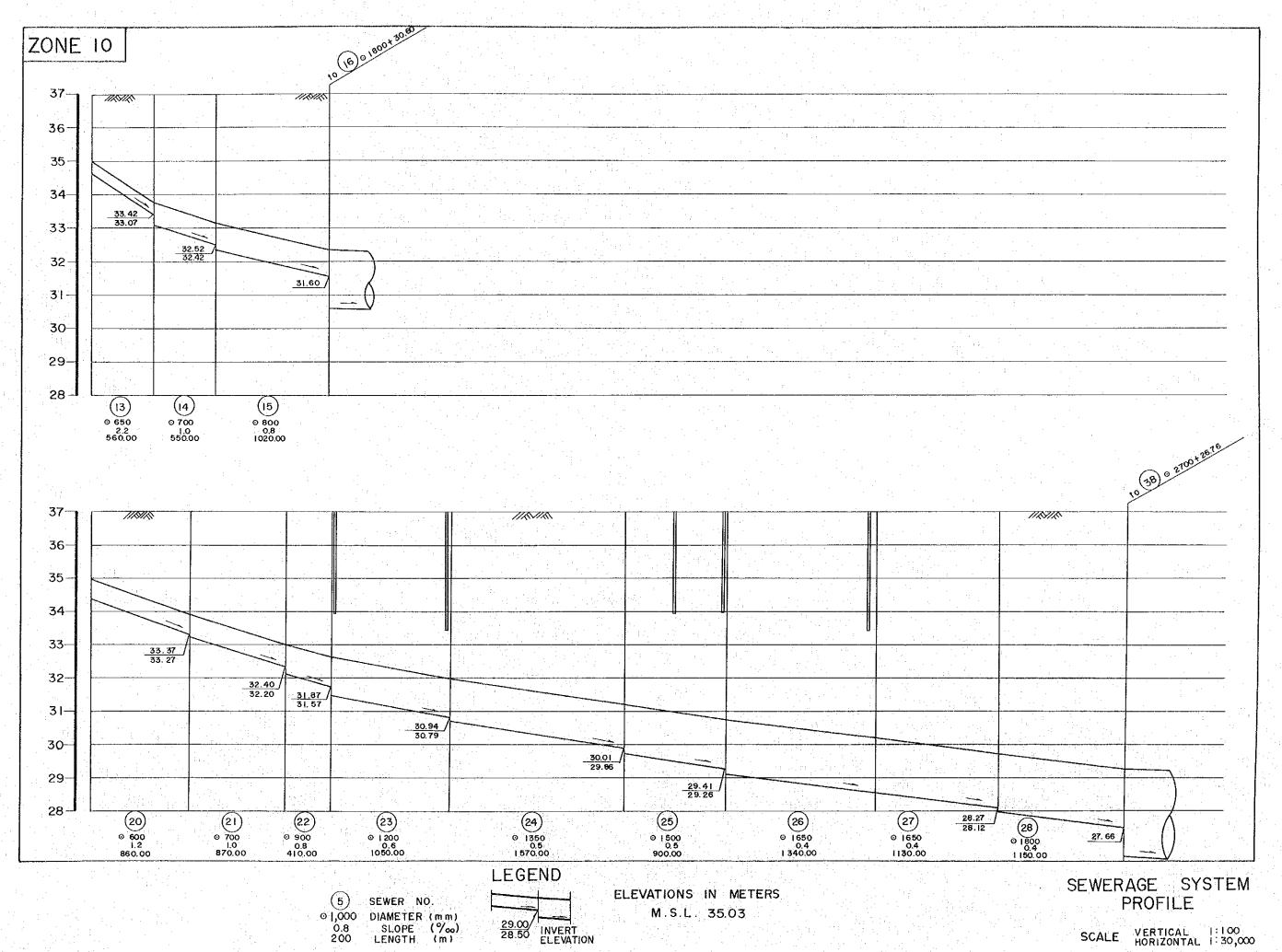


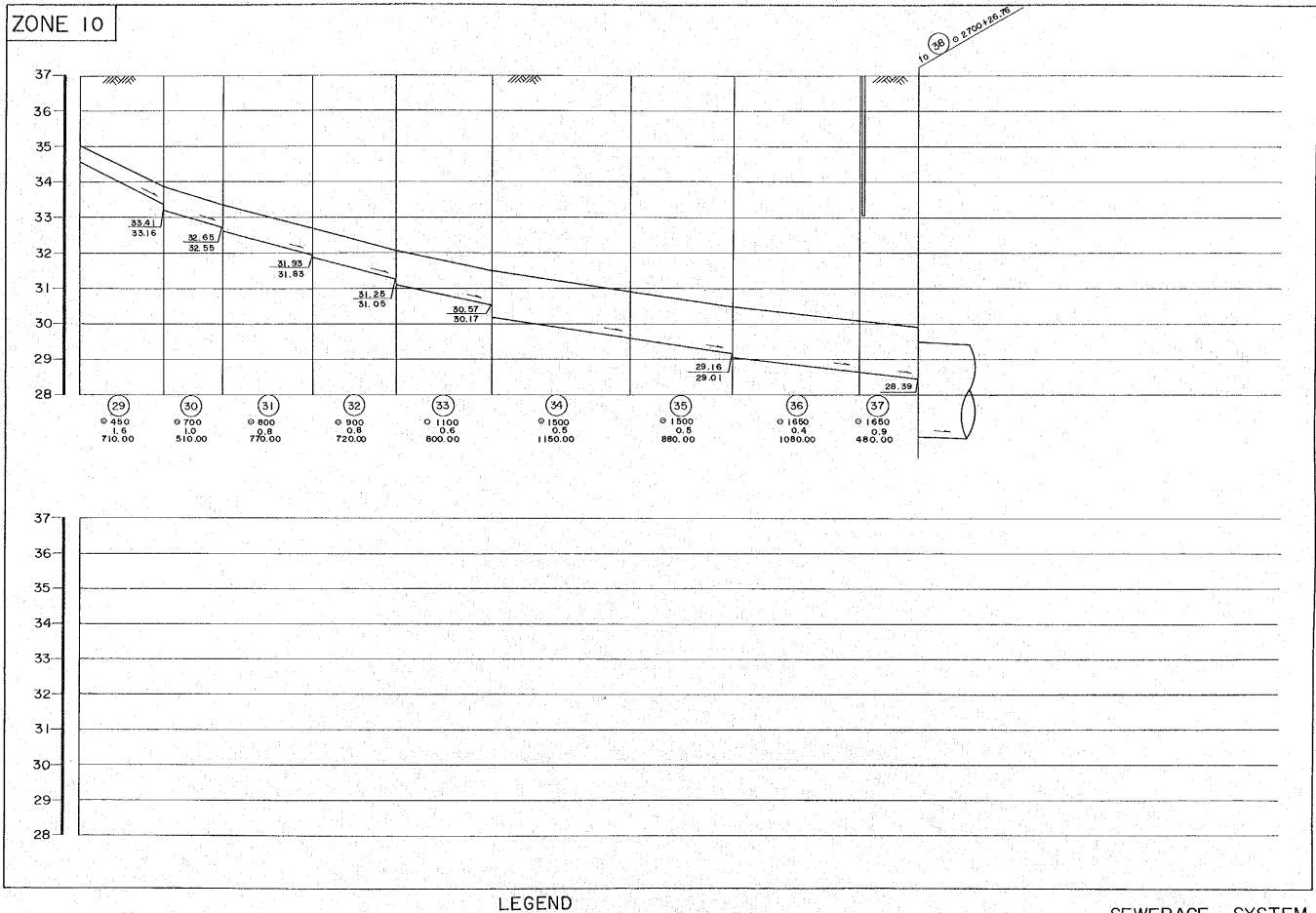
ELEVATIONS IN METERS M.S.L. 35.03

SEWERAGE SYSTEM PROFILE





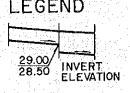




5 SEWER NO.

○ |,000 D|AMETER (mm)

0.8 SLOPE (%₀)
200 LENGTH (m)



ELEVATIONS IN METERS
M.S.L. 35.03

SEWERAGE SYSTEM PROFILE

3. COMPUTATION
FOR
DESIGN OF SANITARY SEWERS

: . :::									
	Name of Zone		Area (h	a)	Population Density	Population		Unit Flow	
-		Residential	Commercial	Total	persons,		Per Capita	Commercial	In filtration
	ZONE I	3,020	380	3,400	300 persons, ha	1018,700 persons	201 /c/d	116 ^{m³} /ha/d	7.6 ^{m8} /ha/d

	ZON	Ε Ι		3,020	380	3,4	00 30	o persons,	1018,700	persons	201	/c/d	16 m³/	ha/d 7	.6 ^{m8} /ha/d								
ewers	Resid	Area l		nd Use mercial		\rea	_	Don	nestic W	astewater	Flo	W	Othe	er Flow				Des	signed	Sewer			
No of Sew	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	R
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/s	ď	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	
1	30.12		3.15		33.27		9,980	0. 023	0.004	0.027	4.0	0.108		0.003	0. 111	o 500	1000.00	1, 4	0.62	0. 122		34.50 33.10	-
(2)	84.98	115.10		47,94	129.77	163.04	48.910	0. 114	0.064	0. 178	2.8	0.498		0.014	0.512	⊙1100	620.00	0.6	0.69	0. 656		32.50 32.13	
3	46.50	161.60	32.01	79.95	78.51	241.55	72.470	0. 169	0. 107	0. 276	2.6	0.718		0. 021	0.739	⊙ 200	1120.00	0.6	0.73	0. 828		32.03 31.36	
	to	(6)																					
4	20.27				20.27		6,080	0. 014		0. 014	4.6	0.064		0.002	0.066	⊙ 400	1600.00	1. 9	0. 63	0. 079		34.60 31.56	
5	112.70	132.97	3.61		116.31	136.58	40,970	0.095	0.005	0, 100	3. 2	0.320		0.012	0.332	⊙ 900	800.00	0.8	0.70	0.444		31.06 30.42	
								:								100		- 4		1.5		29.82	
6	134.46	429.03	44.05	127.61	178.51	556.64	166,990	0.388	0. 1717	0,559	2.3	1, 286		0.049	1, 335	01500	1220.00	0, 5	0.78	1. 370		29.21	
(P)		· · · · · · · · · · · · · · · · · · ·																				p	Pump
7	504.40	933.43		127.61	504.40	1 061.04	318,310	0.741	0. 171	0.912	2.1	_ I.915		0.093	2.008	O1900	1840.00	0. 4	0.81	2.301		33.10 32.36	
(8)	303.14	1 256.57		107.61	303 M	1 701 10	415,250	0.066	0.171	1, 137	2.0	2.274		0. 122	2.396	e 2 000	1550,00	0.4	0.84	2 639	8	30.90	
									0. 171										0.04	2.000	37.	30.28 30.18	
(e)		1 446.54		127.61	189.97	1 574. 15	472,250	1. 099	0. 171	1, 270	2.0	2.540		0. 138	2.678	0 2 100	1320.00	0. 4	0.87	3.005		29.65	
* .	to	73																· · · · · · · · · · · · · · · · · · ·		<u> </u>	± .		
(10)	2.43				2.43	e e e e e e e e e e e e e e e e e e e	730	0.002		0.002	4.8	0.010		0.001	0, 011	o 200	265.00	4.5	0.61	0.019		34.80 33.61	
(1)	7.40	9,83			7.40	9.83	2,950	0.007		0.007	4.8	0.034		0. 001	0. 035	o 300	300.00	2.8	0.63	0.044		33.51	
	1			 	7.40	9.63	2,930	0.007		0.001	7.0	0,034		0.001	0.035	0 300	300.00	2.0	0.63	0.044		32.67 32.52	
(3)	21.10	30.93			21.10	30.93	9,280	0.022		0. 022	4.2	0.092		0.003	0.095	⊙ 450	610.00	1, 6	0. 62	0.099		31.54	
[13]	22.33	53,26			22.33	53.26	15,980	0. 037		0.037	3.8	0.141		0.005	0. 146	0 600	240.00	1. 2	0. 65	0. 184		31,39 31,10	
(14)	0.00	53.26			0.00	53. 26	15,980	0.037		0. 037	3.8	0.147		0. 005	0. 152	⊙ 600	50.00	1. 2	0.65	0. 184		31, 10 31, 04	
		 												13600								31,04	
(15)	11.50	64.76			11.50	64.76	19,430	0.045		0.045	3.6	0.162	<u>,: i</u>	0.006	0. 168	⊙ 600	170.00	1. 2	0. 65	0. 184		30, 84 30, 84	
(16)	6.42	71.18			6.42	71, 18	21,350	0.050		0.050	3.5	0.175		0.006	0. 181	⊙ 600	120.00	1, 2	0.65	0. 184		30.70	
(17)	25.64	96.82		War San	25.64	96.82	29,050	0.068		0.068	3. 3	0.224		0.009	0, 233	0 700	360.00	1.0	0.66	0. 254		30.60 30.24	

							ere in parties La la la La la	eranesana etabala eta 1960 (h. 1960). 1960 - Francisco Harris, eta 1960 (h. 1960). 1960 - Francisco Harris, eta 1960 (h. 1960).	mang de dearenag Victoria
Name of Zone		Area (h	a)	Population	Population			Unit Flow	
****	Residentia	Commercial	Total	Density		Per	Capita	Commercial	In filtration
ZONE I	3,020	380	3,400	300 ha	1018,700 persons	201	1/c/d	II6 ^{m³} ∕ha∕d	7.6 ^{m3} /ha/d

Company Comp	<u> </u>		Area t	by lan	nd Use					· · · · · · · · · · · · · · · · · · ·								AND CONTRACTOR AND AND ADDRESS.						
## Fig. Total \$\frac{1}{2} \frac{1}{2} \frac{1} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \f	S	Posi					\rea		Dor	nestic W	astewater	Flo	W	Othe	r Flow				Des	igned	Sewer			
## 15 1	Sewe					± ti		l Itation	<u> </u>	cial		ctor	3	70	Ę	Total	<u>.</u>			Ê	(Jan	on on	er t	
No.			Total	Incremen	Total	Increme	Total	Tota Popu		Commer (Ave.)	Total	•		Industri	Infiltratic	Flow	Diamet	Length	Slope	Velocity (Ground St Elevati	1 O	Remarks
		·	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/ s	ď	m³/s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	m	m	
19 34.94 142.73	(18)																	1 4 2 4 4					30.14	
29 349 142.73 34.94 142.73 34.960 0.00 0.00 3.2 0.320 0.013 0.338 0.900 0.8 0.70 0.444 2.95 2.952	\vdash	10.97	107.79			10.97	107.79	32,340	0,075		0.075	3.3	0.248		0.009	0, 257	0 800	200.00	0.8	0.65	0.324			
(a) 1 1 64 164.37	(19)	34 94	142 73			34 94	142 73	42.820	0 100		0 100	3.0	0.320		0.013	0.333	0.000	400.00	0.0	0.70	0.444			
© 0.00 42.73		0 1.0 1	112		-		1,2,10	12,020			0. 100	J. 2	0.020		0.013	0, 333	0 300	400.00	0.8	0.70	0.444			
(a) 11.64 194.37 11.64 194.37 46,310 0.108 0.108 0.108 3.1 0.335 0.014 0.349 0.900 36000 0.6 0.70 0.444	(20)	0.00	142.73			0.00	142.73	42,820	0. 100		0. 100	3.2	0.320	1 1/41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.013	0.333	⊙ 900	50.00	0. 8	0.70	0.444	-		
10 29		-																						
3.86	(5)	11.64	154.37			11.64	154.37	46,310	0. 108		0. 108	3, 1	0.335		0.014	0.349	⊙ 900	360.00	0.8	0.70	0. 444		29.23	
33.88		to	(29)				· .																	
3.86				ļ							1.5	11 - 11											- The state of the	
(3) 7,39 11.25 7.38 11.25 3,380 0.008 0.008 0.008 0.008 0.008 0.001 0.039 0.001 0.039 0.000 2.8 0.63 0.044 33.08 33.28	(22)	3.86				3.86		1.160	0.003		0.003	4.8	0.014		0.001	0.015	0.200	236 00	4.5	0.61	0.019	*		
		0.00		:	 	0.00	1.1	1,100	0.000		0.003	7.0	0.014		0.001	0.013	0 200	233.00	4.5	0.61	0.019		1.1 4 1.1	
(24) 6.96 18.21 6.96 18.21 5.460 0.013 0.013 4.7 0.061 0.002 0.063 0.400 160.00 1.9 0.63 0.079 (25) 74.29 92.50 74.29 92.50 27,750 0.065 0.065 3.4 0.221 0.008 0.229 0.700 620.00 1.0 0.66 0.264 (28) 32.88 31.76 (27) 24.19 116.69 24.19 116.69 35,010 0.082 0.082 5.2 0.262 0.010 0.272 0.800 520.00 0.8 0.65 0.324 (28) 116.69 18.42 354.76 106,430 0.248 0.248 2.7 0.670 0.031 0.701 01200 490.00 0.6 0.73 0.828 (28) 32.89 (2	(23)	7, 39	11. 25			7.39	11.25	3,380	0. 008		0.008	4.8	0.038		0.001	0.039	○ 300	200.00	2.8	0.63	0. 044			
(a) 6.96 18.2 6.96 18.2 5.460 0.013 0.013 4.7 0.061 0.002 0.063 0.400 160,00 1.9 0.63 0.079 0.228 0.009 0.229 0.700 0.0000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000														1 12										
Color T4-29 92.50 92.5	(24)	6.96	18.21		:	6.96	18.21	5,460	0.013		0.013	4.7	0.061	1 11 11	0.002	0.063	o 400	160.00	1.9	0.63	0.079	1 · · · · · · · · · · · · · · · · · · ·	5 5 6	
(B) 0.00 92.50 0.00 92.50 0.00 92.50 0.065	(25)		•																				32.38	
Color Colo		74.29	92.50			74.29	92.50	27,750	0. 065		0.065	3.4	0.221		0.008	0. 229	O 700	620.00	1. 0	0.66	0. 254	*. : *	31.76	
27 24.19 116.69 24.19 116.69 35,010 0.082 0.082 3.2 0.262 0.010 0.272 0.800 520.00 0.8 0.65 0.324 0.31.56 31.14 31.04 30.63 0.65 0.324 0.528 181.97 65.28 181.97 54,590 0.127 0.127 3.0 0.381 0.016 0.397 0.900 510.00 0.8 0.70 0.444 30.63 28.93 28.93 0.00 0.00 354.76 106,430 0.248 0.248 2.7 0.670 0.031 0.701 01200 490.00 0.6 0.73 0.828 0.28.64 28.64 0.00 354.76 106,430 0.248 0.248 2.7 0.670 0.031 0.701 01200 50.00 0.6 0.73 0.828 0.28.93 0.28 0.00 0.00 354.76 106,430 0.248	(26)	0.00	00 50			0.00	00.50	07.750			0.055		0.001						N. 2			8		
24.19 116.69		0.00	92.50			0.00	92.50	27,750	0.065		0, 065	3.4	0. 221		0.008	0.229	0 700	100.00	1.0	0.66	0. 254		200	
(28) 65.28 181.97 65.28 181.97 54,590 0.127 0.127 3.0 0.381 0.016 0.397 0.900 510.00 0.8 0.70 0.444 30.63 28.93 28.93 28.94 2.7 0.670 0.031 0.701 01200 490.00 0.6 0.73 0.828 28.93 28.94 28.64 28.54 28.54 28.34	(27)	24 19	116.69		:	24 19	116 69	35.010	0.082		0.082	3.2	0.262		0.010	0 272	0.800	520.00	0.8	0.65	0.324			1 1
65.28 181.97 65.28 181.97 54,590 0.127 0.127 3.0 0.381 0.016 0.397 0.900 510.00 0.8 0.70 0.444 30,63 28,93 28,93 31,590 0.004 0.004 4.8 0.019 0.001 0.020 0.020 0.020 0.000 0.6 0.73 0.828 0.70 0.444 0.019 0.001 0.020 0.001 0.020 0.000 0.6 0.73 0.828 0.848					 		11,0100		1 1			1			0.010	V. 2. 2	0 000	020.00	<u> </u>	0.55	0. 324		4.	
29 18.42 354.76 18.42 354.76 106,430 0.248 0.248 2.7 0.670 0.031 0.701 01200 490.00 0.6 0.73 0.828 28.93 28.64 28.64 28.64 28.64 28.34 28.34 2.7 0.670 0.031 0.701 01200 50.00 0.6 0.73 0.828 28.64 28.64 28.64 28.34	(28)	65.28	181.97			65.28	181.97	54,590	0. 127		0. 127	3.0	0.381		0.016	0. 397	⊙ 900	510.00	0, 8	0.70	0.444	•		
18.42 354.76 18.42 354.76 106,430 0.248 0.248 2.7 0.670 0.031 0.701 01200 490.00 0.6 0.73 0.828 28.64 28.64 28.34	(00)	:																				200		
30 0.00 354.76 0.00 354.76 106,430 0.248 0.248 2.7 0.670 0.031 0.701 0.200 50.00 0.6 0.73 0.828 28.34	(59)	18.42	354,76			18.42	354.76	106,430	0. 248		0. 248	2.7	0.670		0, 031	0.701	01200	490.00	0, 6	0.73	0. 828		4.	:
Pumping Station	(30)		1		2																			
31 38.32 393.08 38.32 393.08 117,920 0.274 2.6 0.712 0.035 0.747 01200 750.00 0.6 0.73 0.828 33.80 33.35 10 40 32 5.29 5.29 1,590 0.004 0.004 4.8 0.019 0.001 0.020 0.250 250.00 3.5 0.62 0.031 33.88 33.88 33.88 33.88 33.89		0.00	354.76		<u> </u>	0.00	354.76	106,430	0. 248		0. 248	2.7	0.670		0.031	0,701	01200	50.00	0, 6	0.73	0. 828		28.34	
31 38.32 393.08 38.32 393.08 117,920 0.274 2.6 0.712 0.035 0.747 01200 750.00 0.6 0.73 0.828 33.80 33.35 10 40 32 5.29 5.29 1,590 0.004 0.004 4.8 0.019 0.001 0.020 0.250 250.00 3.5 0.62 0.031 33.88 33.88 33.88 33.88 33.89	$\begin{pmatrix} P \\ 1-2 \end{pmatrix}$																			1 : ' :		: :		Pumping Station
31 38.32 393.08 38.32 393.08 117,920 0.274 2.6 0.712 0.035 0.747 01200 750.00 0.6 0.73 0.828 33.35 10 40 40 5.29 1,590 0.004 4.8 0.019 0.001 0.020 0.250 250.00 3.5 0.62 0.031 33.88																								r uniphing Granon
32 5.29 1,590 0.004 4.8 0.019 0.001 0.020 0.250 250.00 3.5 0.62 0.031 33.88 33 6.48 11.77 6.48 11.77 3,530 0.008 0.008 4.8 0.038 0.001 0.039 0.300 480.00 2.8 0.63 0.044 32.34	(31)	38.32	393.08			38.32	393,08	117,920	0.274		0. 274	2.6	0.712		0.035	0. 747	01200	750.00	0.6	0.73	0. 828			
32 5.29 1,590 0.004 0.004 4.8 0.019 0.001 0.020 0.250 250.00 3.5 0.62 0.031 33 6.48 11.77 6.48 11.77 3,530 0.008 0.008 4.8 0.038 0.001 0.039 0.300 480.00 2.8 0.63 0.044 34 32.34					11 11													14 92						: 1
(32) 5.29 1,590 0.004 4.8 0.019 0.001 0.020 0.250 250.00 3.5 0.62 0.031 (33) 6.48 11.77 6.48 11.77 3,530 0.008 0.008 4.8 0.038 0.001 0.039 0.300 480.00 2.8 0.63 0.044 (34) 0.008 <td< td=""><td></td><td>to</td><td>40)</td><td></td><td></td><td></td><td>1 4 5.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>11 11 11</td><td></td><td></td><td></td><td></td><td></td></td<>		to	40)				1 4 5.4												11 11 11					
33 6.48 11.77 6.48 11.77 3,530 0.008 0.008 0.008 0.001 0.039 ⊙ 300 480.00 2.8 0.63 0.044 32.34	(32)			:																				
(33) 6.48 11.77 6.48 11.77 3,530 0.008 0.008 4.8 0.038 0.001 0.039 0.000 2.8 0.63 0.044 (34)		5.29				5.29		1,590	0.004		0.004	4.8	0.019	1 1 1 1	0.001	0. 020	0 250	250.00	3.5	0.62	0. 031			
32.34 Section 19 10 10 10 10 10 10 10 10 10 10 10 10 10	(33)	6/10	11.77			6.49	11 77	ሜ ፍጻስ	0.008		0.008	1 2	0.038		0.001	0.039	0.300	480.00	9 0	0.63	0 044			
[34]		0.40	11.5			0.70	11, f f	0,000	J. 000		0.008	7.0:	0,038		0,001	0.033	300	730.00	<u> </u>	0.03	0.034			
	(34)	17.55	29.32			17.55	29.32	8,800	0, 020		0.020	4.2	0,084		0.003	0.087	0 450	355.00	1.6	0.62	0.099		31.77	

i e										
ſ	Name of Z	Zone		Area (h	a)	Population Density	Population		Unit Flow	
			Residential	Commercial	Total	narcone		Per Capita	Commercial	Infiltration
	ZONE	1	3,020	380	3,400	300 persons	1018,700 persons	201 /c/d	II6 ^{m³} /ha/d	7.6 ^{m*} /ha/d

		Area l	oy Lan	d Use		Area		Don	nestic W	astewater	Flo	. 14/	Othe	r Flow				Doe	ianad	Cowor			
Sewers	Resi	dential	Comr	nercial	F	1160	Ę	Don		Uslewulei		, w	OTHE	FIOW		ļ		Des	igned	Sewer	o	ta ta	4
0.0	ement	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	mmercial (Ave.)	Total	ng Factor	¥ Flow	Industrial	infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	ound Surface Elevation	wer Invert Elevation	Remarks
S Z	licr Incr		lncı	i .	=				ပိ		eaking	Peak				Δ	J		<u> </u>		Gro	8	_
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/ s	a.	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	-
35	34.41	63.73			34.41	63.73	19,120	0.044		0.044	3.6	0.158		0. 006	0, 164	⊙ 600	540.00	1. 2	0, 65	0, 184		31,62 30,97	
(36)						1		14.													·	30.97	
	3.34	67.07			3.34	67.07	20,120	0.047		0.047	3.6	0.169		0.006	0. 175	○ 600	640.00	1. 2	0.65	0. 184		30.20	
(P)		garage de la companya								1													Pumping Station
37)										0.050												34.40	
	4.94	72.01			4.94	72.01	21,600	0.050		0.050	3 . 5	0.175		0.006	0. 181	○ 600	175.00	1. 2	0.65	0. 184		34.18 34.08	
(38)	24.15	96.16			24.15	96.16	28,850	0.067		0.067	3.3	0.221	: '	0.008	0. 229	O 700	465.00	1. 0	0.66	0.254		33.62	
(39)																					* .	33.52	
	33. 23	129.39	1		33.23	129.39	38,820	0.090		0.090	3.2	0.288		0.011	0.299	○ 800	455.00	0.8	0.65	0. 324		33.15 32.45	
(40)	94.76	617.23			94.76	617.23	185,170	0.431	+ 1 + 1	0.431	2.4	1.034		0.054	1.088	⊙1500	180.00	0. 5	0.78	1.370		32.36	
(41)		1.242				017 07			en e										: '-			32,00	
	0.00	617. 23			0.00	617. 23	185,170	0.431		0.431	2.4	1.034		0. 054	1.088	⊙1500	50.00	0. 5	0. 78	1.370	0	31.98 31.98	
(42)	14.59	631.82			14.59	631.82	189,550	0.441		0.441	2.4	1.058		0.056	1, 114	01500	440.00	0.5	0.78	1. 370	37.0	31.76	
43)					00 77	710.55	A	0.407		0.407			1. 1. T	0 007	. 050	01500	200.00	A #	0.70		כא	31.76	
	80.73	712.55			80.73	712.55	213,770	0,497		0.497	2.4	1, 193		0. 063	1. 256	⊙1500	900.00	0. 5	0.78	1.370		31.31	<u> </u>
	to	(58)				1			21											11		:	
(44)	0.50				0.50	:	750	0.000		0.000	4.0	0.010		0.001	0.01	0 000	100.00	A #	0.01	0.010	· :.	34.80	
	2.50	: 1.			2.50		750	0.002		0. 002	4.8	0.010		0.001	0.011	⊙ 500	190.00	4.5	0,61	0.019		33, 95 33, 85	
(45)	8.65	11.15			8.65	11.15	3,350	0. 008		0. 008	4.8	0.038		0.001	0. 039	⊙ 300	380.00	2.8	0.63	0.044		32.79	
(46)		.			74 50	45.77	13.700	0.070		0.070	3.9	0.105		0. 004	0. 129	⊙ 600	355.00	1. 2	0.65	0 184		32,49	
	34.58	45.73			34.58	45.73	13,720	0.032		0. 032	3.3	0.125		0, 004	0. 129	0 600	355.00	1, 2	0. 65	0. 184		32.06 31.96	
(47)	27.34	73.07			27.34	73.07	21,920	0.051		0. 051	3,5	0,179		0. 006	0. 185	⊙ 700	195.00	1. 0	0.66	0.254		31,77	
(48)	19.97	93.04			19.97	93.04	27,910	0. 065		0. 065	3.4	0.221		0.008	0. 229	o 700	395.00	1. 0	0.66	0. 254		31.77 31.38	
	19.51	55.04			10.01	00.04	21,010	0.000		0.000	Y. T.	0.22		0.003	0. 223	0 100	390.00	1.0	0.00	0. 254		31, 28	
(49)	20,36	113.40	1		20. 36	113.40	34,020	0.079		0.079	3.3	0.261		0.010	0. 271	⊙ 800	300.00	0, 8	0.65	0.324		31.04	
P 1-4																							Pumping Station
																						34.20	
(50)	23.85	137. 25			23.85	137.25	41,180	0.096		0.096	3.2	0.307		0, 012	0.319	⊙ 800	400.00	0, 8	0, 65	0. 324		33, 88	
(51)	36.20	173.45			36.20	173.45	52,040	0. 121		0. 121	3.0	0.363		0. 015	0. 378	⊙ 900	95.00	0.8	0.70	0.444		33.78 33.70	
			<u> </u>	<u>. </u>		·		•				•			· · · · · · · · · · · · · · · · · · ·	The Property							

·.									
	Name of Zone		Area (h	a)	Population	Population		Unit Flow	
		Residential	Commercial	Total	Density		Per Capita	Commercial	In filtration
	ZONE I	3,020	380	3,400	300 persons	IOI8,700 persons	201 1/c/d	II6 ^{m³} /ha/d	7.6 ^{m3} /ha/d

			Area	by Land	d Use	: .										***************************************						i verretarano orași a sassi de,		
	ers	Resi	dential	Comn	nercial	ļ	Areo	C	Dom	nestic W	astewater	Flo	W	Oth	r Flow				Des	signed	Sewer			
	No. of Sewers	Increment	Area Total	Increment	Area Total	Increment	Total	Total Poputation	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	edolS	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remarks
		ha	ha	ha	ha	ha	ha :	persons	m³/s	m³/s	m³/ s	ď	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m ³ /s	m	i m i i i j	
	52					·	1., 1.															•	33, 70	
		0.00	173.45			0.00	173.45	52,040	0. 121		0. 121	3.0	0.363		0.015	0.378	0 900	50.00	0.8	0.70	0. 444		33.66	
	(53)	5.31	178.76			5.31	178.76	53,630	0. 125		0. 125	3.0	0.375		0. 016	0.391	⊙ 900	240.00	0. 8	0.70	0.444		33.66 33.47	
	(54)	19.53	198.29			19.53	198.29	59,490	0. 138		0. 138	- A	0.414	1.	0.017	0.471	0.000						33. 47	
		13.33	190.29			19.00	130.23	55,450	0. 136		0. 136	3.0	0.414		0. 017	0.431	⊙ 900	60,00	0.8	0.70	0.444		33.42	
V.B	(55)	121.14	319.43		•	121.14	319.43	95,830	0. 223		0. 223	2.7	0.602		0.028	0. 630	01100	385.00	0.6	0, 69	0.656		33.22 32.99	
																							32.99	
	(56)	0.00	319.43			0.00	319.43	95,830	0. 223		0. 223	2.7	0.602		0.028	0.630	01100	40.00	0.6	0.69	0. 656	1 . 1	32.97	
•	(57)																		Alberton. Parti				32.87	
λ .		49.34	368.77			49.34	368.77	110,630	0. 257		0. 257	2.6	0.668		0.032	0, 700	01200	910.00	0. 6	0. 73	0. 828		32.32	
	58	79.13	1.160.45]		70.17	160.45	740 140	0.010		0.010		1.701		0.100	1 903	01800	50.00	0.4	0.70			31.01	
		19.13	1 160,45			79.13	1 160,45	348,140	0.810		0.810	2.1	1.701		0. 102	1.803	⊙ (800	50.00	0. 4	0, 78	1, 992		30,99	
	(59)	7.57	1 168.02			7.57	1 168 02	350,410	0.815		0.815	2.1	1.821		0. 103	1.815	⊙1800	330.00	0. 4	0.78	1. 992		30.99	
						1.01	1100.02	330,110	0.0.0		0.010		1.OE		0. 103	1.013	01000	000.00	<u> </u>	0.70	1.002		30.86 30.86	
	(60)	74.25	1 242.27			74.25	1242.27	372,680	0.867		0.867	2.1	1.821		0. 109	1.930	01800	480.00	0. 4	0.78	1. 992	8	30.67	
· · · · · · · · · · · · · · · · · · ·																						Ō	30.57	
	(ei)	77.75	1 320.02	3.08	*	80.83	1323.10	396,930	0.923	0.004	0.927	2.1	1.947		0.116	2.063	O1900	550.00	0. 4	0.81	2. 301	м	30.35	
	(60)		terre en																				30, 35	
	(62)	27.78	1 347.80	37.89	40.97	65.67	1 388.77	416,630	0.969	0.055	1. 024	2.1	2,150		0. 122	2.272	⊙1900	340.00	0. 4	0.81	2.301		30.21	
	63																						30.11	
	\vdash		1 380.47		40.97	32.67	1 421.44	426,430	0.992	0.055	1. 047	2.1	2,199		0`125	2. 324	⊙2000	560.00	0.4	0.84	2.639		29.89	
	}	to	71)																				11.1	
																							34.60	
	(64)	0.00		5.33		5,33		1,600	0.004	0.007	0.011	4.8	0.053		0.001	0.054	⊙ 350	380.00	2.2	0.62	0. 059		33,76	
,i					- E										lesjeli i								33.71	
	(65)	0.25	0.25	1.70	7. 03	1.95	7. 28	2,184	0.005	0.009	0.014	4.6	0.064	r et	0.001	0.065	⊙ 400	435.00	1. 9	0.63	0.079		32,88	
	(66)						Mary Mary																32.48	New of the
Albert I.	(66)	0.00	0.25	39.05	46.08	39.05	46.33	13,900	0. 032	0.062	0.094	3.2	0.301		0. 004	0.305	⊙ 800	470.00	0.8	0.65	0. 324		32.10	
	67	0.00	0.25	41.45	87.53	A L AB	87.78	06 770	0.061	0.110	0.170	0.0	0.50			0 = 0	0.000						31.90	
4 8 4		0.00	0,25	41.45	01.00	41,40	01.10	26,330	0. 061	0.118	0. 179	2.8	0.501		0.008	0 509	⊙I 000	540.00	0.6	0.65	0.509		31.58	
	(68)	0.00	0.25	40.93	128.46	40.93	128.71	38,610	0. 090	0. 172	0. 262	2.6	0.681		0.011	0.692	⊙ 1200	30.00	0.6	0.73	0.828		31, 38 31, 36	
												,				0.002	7,200				<u> </u>		31, 21	
	(69)	0.00	0.25	50.07	178.53	50.07	178.78	53,630	0. 125	0.240	0,365	2.5	0.913		0.016	0.929	⊙1 350	935.00	0.5	0.72	1.034		30. 74	
	(70)		:			1 T													F 1				30, 59	
•	(70)	53,90	54.15	30.32	208.85	84.22	263.00	78,900	0. 184	0.280	0.464	2.3	1.067		0.023	1. 090	⊙1500	120.00	0.5	0.78	1. 370		30, 53	

		i de production de la companie de l La companie de la co	A STALL COUNTY OF THE STAL				wish as high second entrain stage is	ter di Kepila di teksik yang di Masa Sal	engania kanalah salah kanalah salah Tanah salah s	e protesta de la composição de la compos
	Name of Zone		Area (ha))	Population	Population		Unit Flow	A THE RESIDENCE OF THE PARTY OF	
•		Residential	Commercial	Total	Density		Per Capita	Commercial	Infiltration	
	ZONE I	3,020	380	3,400	300 persons ha	1018,700 persons	201 1/c/d	II6 ^{m³} /ha/d	7.6 ^{m³} /ha/d	

ırs	Paci	Area t dential		nd Use mercial		Area	_	Don	nestic W	astewater	Flo	W	Othe	er Flow				Des	signed	Sewer			
No. of Sewers		Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remark
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/ s	ă	m³/s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	m	m	
71)	47.48	1 482 10	2.57	252.39	50.05	1734.49	520,350	1. 211	0. 339	1. 550	2.0	3. 100		0. 153	3. 253	⊙ 2 200	485.00	0. 4	0.90	3.402		29. 59 29. 41	
(72)	91.36	1573.46		252 39	9) 36	1825.85	547,760	l. 274	0, 339	1. 613	1, 9	3.065		0 161	3 000	0.0000	860.00				37.00	29.41	
			·									3.060		0. 161	3. 226	⊙ 2 200	860.00	0.4	0.90	3, 402	37	29.07 28.57	
73	0.00	3 020.00		380.00	0.00	3 400.00	1020,000	2.373	0.510	2. 883	1. 8	5.189	i i	0. 299	5.488	0 2 700	40.00	0.4	1. 03	5. 874		28.55	
	to	Treatme	nt F	acilities	:										1								
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	Part							
٠.	Name of Zone	Area (ha)	Population	Population		Unit Flow	
	1	Residential Commercial	Total	Density	<u>- </u>	Per Capita	Commercial	In filtration
-	ZONE 2	2,030 1,570	3,600	229 persons	823,800 persons	201 /c/d	116 ^{m³} /ha/d	7 .6 ^{m3} /ha/d

srs	Paci	Area dential	T	d Use nercial	,	\rea		Dor	nestic W	astewater	Flo	w	Oth	er Flow			V	Des	signed	Sewer	And Annual Control of Manager Control		
No. of Sewers	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remark
<u> </u>	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/ s	ď	m³/s	m³/s	m³/s	m³/_s	m m	m	%。	m/s	m³/s	m	m	
$\left(\mathbf{I}\right)$	29.53		0.00		29.53	**	6,760	0, 016		0.016	4.4	0.070	÷	0.003	0. 073	0 400	270.00	 I. 9	0, 63	0.079		34.60	
$\overline{\bigcirc}$	20.00		0.00		20.00		0,100	0.010		0.0.0		0.0.0							1			34.09 33.89	
(2)	34.51	64.04	0.00	<u> </u>	34.51	64.04	14,670	0.034		0. 034	3.8	0.129		0.006	0. 135	0 600	230.00	1. 2	0.65	0. 184		33.61	
3		•00 = a'				100 74	41.700	0.007			7.0											33.31	
$\frac{\circ}{\circ}$	118.30	182.34	0.00		118.30	182.34	41,760	0.097		0.097	3.2	0.310		0.016	0.326	○ 900	190.00	0.8	0.70	0. 444		33. 16	
(4)	80. 15	262.49	1.92		82.07	264.41	60,550	0. 141	0.003	0. 144	2,9	0,418		0.023	0.441	o 900	425.00	0.8	0.70	0.444		33.16 32.82	
(5)								7.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00		16.50												32.37	
(5)	249.01	511.50	39.05	40.97	288.06	552.47	126,520	0.294	0055	0,349	2.4	0,838		0,049	0.887	01350	160,00	0.5	0.72	1. 034		32, 29	<u> </u>
6	1.48	512.98	2.50	43.47	3.98	556.45	127,430	0. 296	0.058	0. 354	2.4	0.850		0.049	0.899	○1350	225.00	0.5	0.72	1,034		32. 15	
			2,00		0.00	1	121,100	0.200	0.000	0.001		0.000	-	0,043	0.000	01330	223,00	0.5	0.12	1.034		32.02 32.02	
7	3.69	516.67	3.12	46.59	6.81	563.26	128,990	0.300	0.063	0. 363	2.4	0.871		0.050	0.921	01350	245.00	0.5	0.72	1. 034		31.88	
(9)						riegoda je																31. 73	
<u>(8)</u>	108.46	625.13	16.43	63.02	124.89	688.15	157,590	0. 367	0.085	0.452	2.3	1.040		0,061	1, 101	⊙1500	280.00	0.5	0.78	1.370		31.59	
(9)	13.31	638.44	6.28	69.30	19.59	707.74	162,070	0.377	0.093	0. 470	2.3	1.081		0.062	1. 143	⊙1500	370.00	0, 5	0. 78	1.370	00	31.59	
							1 1 1 1 1 1 1				, =	1.001		0.002	1. 1.0	0.000	0.0.00	0.0	0.10	1.070	37.	31.41 31.41	
(10)	8.50	646,94	5.12	74.42	13.62	721.36	165,190	0.384	0. 100	0.484	2. 3	1.113		0.063	1. 176	⊙1500	300.00	0.5	0. 78	1,370	•	31.26	
	to	(50)																		B		1. 1. 1.	
											11						7.8						
(11)	4.97		0.00		4.97		I , 140	0.003		0.003	4.8	0.014		0.001	0. 015	⊙ 200	510.00	4.5	0.61	0.019		34.80 32.51	
															3.0.0		313.33		1	33		32.46	
(12)	6,21	11, 18	0.00	· · · · · ·	6.21	11.18	2,560	0. 006		0.006	4,8	0.029		0.001	0. 030	⊙ 250	300.00	3.5	0. 62	0.031	·	31,41	· · · · · · · · · · · · · · · · · · ·
(13)	11.92	23,10	0.00	. 17	11.92	23.10	5,290	0.012		0.012	4.7	0,056		0.000	0.050	0.750	000.00	0.0	0.60	0.050		31.31	
	11.02	23,10	0.00		11.32	23.10	3,230	0.012		0.012		0,030		0.002	0.058	⊙ 350	260.00	2, 2	0,62	0.059		30.74 30.64	
(14)	15.11	38.21	0.00		15.11	38,21	8,750	0. 020		0.020	4.2	0.084		0.003	0.087	⊙ 450	390.00	1.6	0.62	0, 099		30. 64 30. 02	
(15)					111												1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		414 1	1 1 1 1 1	ĺ	29.87	
(15)	38.73	76.94	0.00	<u> </u>	38.73	76.94	17,620	0.041		0.041	3.7	0, 152		0.007	0. 159	○ 600	210.00	1. 2	0.65	0, 184		29.62	1
(16)	55,29	132.23	0.00		55.29	132.23	30,280	0. 070		0.070	3.3	0, 231		0.010	0.047	0.300	IEC CC		0.00	0.054		29. 52	
7 7 7 7	1	106.60	0,00	<u> </u>	33.23	132.23	30,200	0.070		0.070		V, 201		0.012	0. 243	○ 7.00	150.00	l. 0	0.66	0. 254		29.37	
(P)																							Pumping St
(17)																						34.20	
$\frac{\mathcal{L}}{\mathcal{L}}$	12.73	144.96	0.00		12.73	144.96	33,200	0.077		0.077	3. 3	0.254		0.013	0.267	○ 800	430,00	0.8	0.65	0.324		33.86	<u> </u>
(18)	81.27	226.23	0.00		81.27	226.23	51,810	0. 121		0. 121	3.0	0.363		0. 020	0.383	o 900	280.00	0.8	0.70	0.444		33.76	
	1		1. 3. 30		1 1		31,010	V, 161	1	L '	1		 	<u> </u>	0.000		230.00	V. 0	1 0, 10	0. 444		33, 53	

Name of Zone		Area (h	a)	Population	Population		Unit Flow	
	Residential	Commercial	Total	Density		Per Capita	Commercial	In filtration
ZONE 2	2,030	1,570	3,600	229 persons	823,800 persons	201 /c/d	II6 ^{m³} ∕ha∕d	7 ,6 ^{m³} /ha/d

	Name ZONI		Re		Area Commer		al —	pulation Density 29 persons	Populo 823,800		Per Co		t F mmercia 16 ^{m³} /		i ltration .6 ^{m³} /ha/d								
TS.		Area	T		,	Area		Dor	mestic W	/astewater	, Flo	w	Othe	er Flow				Des	signed	Sewer	-		And the second second second second
No. of Sewel	ncrement Kesi	dential Area Total	Increment	nercial Area Total	increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	Peaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Ren
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/ s	Q.	m³/s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	m	m	<u> </u>
(19)	14.69	240.92	2.45		17.14	243,37	55,730	0.130	0.003	0. 133	2.9	0.386		0. 021	0.407	⊚ 900	430.00	0.8	0.70	0. 444		33, 53 33, 19	
(20)	46.64	934.50	24.14	101.01	70.78	1035.51	237, 130	0. 552	0. 136	0. 688	2.1	1.445		0. 091	1. 536	⊙1650	570.00	0. 4	0.74	1: 580		31.11	1
SI	6.94	941.44	6.22	107. 23	13.16	1048.67	240, 150	0.559	0. 144	0. 699	2. 1	1.468		0. 092	1. 560	01650	365.00	0. 4	0.74	1. 580	-	30.88 30.73	
(55)	31.06	972.50	4.42	111.65	35.48	1084.15	248,270	0.578	0. 150	0. 728	2.1	1.529		0. 095	1. 624	⊙1800	280.00	0.4	0. 78	1.992		30.58 30.47	
23)	76.57	1049.07	9.73	121.38	86.30	1 170.45	268,030	0.624	0. 163	0. 787	2.1	1.653		0. 103	1. 756	o1 800	40.00	0. 4	0.78	1. 992		30.47 30.46	
(24)	34.88	1083.95	27.48	148.86	62.36	1232.81	282,310	0. 657	0. 200	0.857	2. 1	1.800		0. 108	1.908	⊙1800	265.00	0.4	0. 78	1.992		30.46 30.35	
	to	35)																					
(25)	5.43				5.43		1, 240	0.003		0. 003	4.8	0.014		0. 001	0.015	o 200	270.00	4.5	0.61	0.019		34.80	
(26)	6.19	11.62			6.19	11.62	2,660	0.006		0, 006	4.8	0.029		0. 001	0. 030	⊙ 250	235.00	3.5	0.62	0. 031	37.00	33.59 33.54	
(27)	24.65	<u> </u>			24.65	36.27	8,310			0. 019	4.3	0.082		0.003	0. 085	o 450	380.00		0.62			32.72 32.52	-
(28)		48.38			12.11	48.38	11,080	0.026		0. 026	4.0	0.104		0.004	0. 108	⊙ 500	210.00	7.	0.62			31,91	
29		69.94	1 1		21.56		16,020			0. 020	3.8	0.141		0.004	0. 145	⊙ 600	320.00		0.65	0. 122		31.57 31.47	
30																						31.09 31.09	-
31	9.36 26.15	79.30			9.36	79.30	18,160	0.042		0.042	3. 7	0.155		0.007	0, 162 0, 199	⊙ 600⊙ 700	160.00	: 12 ; .	0.65	0.184		30.81 30.71	
(P) (2-2)	20.13	105.45			26.15	105.45	24,150	0. 056		0.056	3.4	0.190		0.003	0. 199	9,700	180.00	I. O	0.66	0. 254		30,55	
(32)																		Landan Diskumban Diskumban				34.30	Pumping
		132.52			27.07	132.52	30,350	0. 071		0. 071	3.3	0.234		0.012	0. 246	0 7 00	410.00	1.0	0. 66	0. 254		33.89 33.79	
(33)	27.34	159.86			27.34	159.86	36,610	0.085		0. 085	3.2	0.272		0. 014	0. 286	0 800	375.00	0.8	0.65	0.324		33.49 33.49	
(34)	14.71	174.57			14.71	174.57	39,980	0.093		0.093	3, 2	0.298		0.015	0.313	⊙ 800	555.00	O. B	0. 65	0.324		33, 05 30, 25	
(35)		1261,85		148.86	3.33	1410.71	323,050	0.752	0. 200	0. 952	2.0	1.904		0. 124	2. 028	ØI 900	425.00	0. 4	0.81	2.301		30.08	
	to	53																			-		

						eria winani an inga zauga z Tigʻili ya sa sa Saya Marini	SERRY REAL PROPERTY OF THE	
Name of Zone		Area (h	a)	Population	Population		Unit Flow	
	Residential	Commercial	Total	Density		Per Capita	Commercial	Infiltration
ZONE 2	2,030	1,570	3,600	229 persons ha	823,800 persons	201 1/c/d	II6 ^{m³} /ha/d	7.6 ^{m8} /ha/d

36 0 37 0 38 0	oo.oo	Total	increment	Area Total	ncrement		📆																
36 0 37 0 38 0		ha			Incre	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Rema
37 0 38 0	0,00		ha	ha	. ha	ha	persons	m³/s	m³/s	m³/s	a.	m³/s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	m	m	
38) ₀			5,40		5.40		1,240	0.003	0.007	0.001	4. 8	0.005		0.001	0.006	o 200	520.00	4.5	0.61	0.019		34.80 32.46	, I .
38) ₀	000		C E A	11.04	0.54	11.04	0 770						* * *					11				32.21	-
	0,00		6.54	11.94	6.54	11.94	2,730	0,006	0,016	0.022	4.2	0.092		0, 001	0, 093	○ 450	255.00	1.6	0.62	0.099		31.80	
	0.00		7.91	19.85	7.9 [19.85	4,550	0.011	0. 027	0.038	3.7	0.141		0.002	0. 143	⊚ 600	120.00	1.2	0.65	0, 184		31.65 31.51	L
(39)	0.00		2.48	22,33	2.48	22.33	5,110	0.012	0. 030	0. 042	3.6	0, 151		0.000	0.153	^ ^^	70.00					31,51	· · · · · · · · · · · · · · · · · · ·
	0.00		2.40	22.00	2.40	E2.55	3,110	0.012	0.000	0.072	3.0	0, 191		0, 002	0. 153	○ 600	30.00	1.2	0.65	0, 184		31.47 31.27	
(40) o	0.00		20.98	43.31	20.98	43.31	9,920	0. 023	0.058	0.081	3.2	0.259		0.004	0. 263	⊙ 800	530.00	0.8	0.65	0. 324		30. 85	
(41)	0.00		0.00	43.31	0.00	43.31	9,920	0. 023	0. 058	0. 081	3. 2	0,259		0.004	0. 263	0 800	90.00	0. 8	0.65	0.324	ŧ	30, 85	
(42)				1	0.00		3,020	<u> </u>	0.000	- 0, 00, 1	0. 2	0.200	* * * * * * * * * * * * * * * * * * * *	0.004	0. 203	0 800	30.00	0.0	0.03	0.324		30. 78 30. 68	<u>- </u>
0	0.00	1	14.06	57.37	14.06	57.37	13,140	0.031	0. 077	0. 108	3.1	0,335		0.005	0.340	⊙ 900	455.00	0.8	0.70	0.444	i de Established	30.32	
(43) ₀	0.00		12.38	69.75	12.38	69.75	15,970	0.037	0, 094	0, 131	3.0	0.393		0, 006	0.399	⊙ 900	30.00	0.8	0.70	0.444	1.	30. 32	
(44)								3.00	0.001	00.	0.0	0,000		0.000	0.355	0 300	30.00	0.0	0.70	0, 444		30.30 30.30	<u> </u>
\bigcirc 0	0.00		9.53	79,28	9.53	79.28	18,160	0.042	0. 106	0. 148	2.9	0.429		0.007	0.436	⊙ 900	390.00	0.8	0.70	0. 444	7.00	29,99	<u> </u>
(P) (2-3)							ta, a	en e	en e							. 1.					m		Pumping :
(45)				:													17.					34.00	disping .
	0.00		13.47	92,75	13.47	92.75	21,240	0.049	0. 125	0. 174	2.8	0.487		0.008	0. 495	01000	170.00	0.6	0.65	0,509		33.90	
(46) o	0.00		9.39	102.14	9.39	102.14	23,390	0.054	0. 137	0. 191	2.8	0.535		0.009	0. 544	⊘ 1 100	225.00	0.6	0.69	0.656		33.80 33.67	
(47)			04.45	.00.50		-												To various				33.67	
	0.00		24.45	126.59	24.45	126.59	28,990	0.067	0. 170	0. 237	2.6	0.616		0. 011	0.627	01100	160.00	0.6	0.69	0.656		33.57	· · · · · ·
(48) o	0.00		0.00	126.59	0.00	126.59	28,990	0.067	0. 170	0. 237	2.6	0.616		0.011	0. 627	⊘ 1100	50.00	0.6	0.69	0.656		33, 57 33, 54	
(49) ₂	2,45		1.08	127. 67	3.53	130, 12	29,800	0.069	0. 171	0, 240		0.004		0 0 0								33, 54	
	-, 70		1.08	161.01	5.55	100, 12	29,000	0.009	V. 11 (1)	0, 240	2.6	0.624		0.012	0.636	01100	570.00	0.6	0.69	0.656		33. 20	1
(50) 8	8.88	11.33	1.75	129.42	10.63	140.75	32,230	0.075	0.174	0. 249	2.6	0.647		0.012	0. 659	⊙ 1 200	30.00	0.6	0.73	0.828		33. IO 33. 08	
(51) 4	4.70	16.03	1.03	130,45	5.73	146.48	33,540	0. 078	0. 175	0.253	2.6	0.659		0.017	0.671	01.000	1100.00	^ _				33.08	
		19.09	1,03	100, 40	5.13	140.40	J3,040	0.018	V. 115	0. 253	۷.۵	0.658		0,013	0. 671	Ø1200	1 100.00	0.6	0.73	0. 828		32.42 32.27	•
(52) 68	8.33	84.36	25.36	155.81	93.69	240.17	55,000	0. 128	0. 209	0. 337	2.4	0.809		0.021	0. 830	O I 350	410.00	0.5	0.72	1.034	e de la companya de l	33.07	
53 3	3.50	1349.71	2.46	307. 13	5.96	1656.84	379,420	0.883	0.412	1. 295	2.0	2.590		0.146	2.736	o 2 100	80.00	0. 4	0. 87	3.005		29.88	
(64)												(2.590)		- · · · · ·			-0.00	9, 4 1, 2, 4 1, 2, 4	J. J.	0.000		29.85 29.85	
(54) 55	5.94	1 405.65	0.00	307.13	55.94	1712.78	392,230	0.912	0.412	1.324	1.9	2.516		0. 15 1	2.741	⊙2 100	905.00	0.4	0. 87	3 005		29.49	
			:																				

Name of Zone		Area (h	a)	Population	Population	The state of the s	Unit Flow	
	Residential	Commercial	Total	Density		Per Capita	Commercial	Infiltration
ZONE 2	2,030	1,570	3,600	229 persons ha	823,800 persons	201 /c/q	II6 ^{m³} /ha/d	7.6 ^{m8} /ha/d

Sewers	Resi	dential		nercial	<i>p</i>	\rea	u o	Dor		astewater	Flo	w	Othe	r Flow				Des	signed	Sewer			
No. of Sev	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Pedk Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Re
	ha	ha	na	ha	ha	ha	persons	m³/s	m³/s	m³/ s	ă.	m³/s	m³/s	m³/ s	m³/s	mm	m	%。	m/s	m³/s	m	m	
	to	(162)											4. Ta										
(EE)																						34.80	
(55)	0.00		1.86		1.86		430	0.001	0.002	0.003	4. 8	0.014		0.001	0. 015	○ 200	160.00	4.5	0.61	0.091		34.08	
56	0.00		4.46	6.32	4.46	:6.32	1.450	0.003	0.008	0.011	4.8	0.053		0.001	0. 054	○ 350	320.00	2. 2	0.62	0.059		33, 93 33, 23	
																	11 11		1.2			33.18	
(57)	0.00	4,	3.56	9.88	3.56	9.88	2,260	0.005	0.013	0.018	4.3	0.077		0.001	0.078	0 400	170.00	1, 9	0.63	0.079		32.86	
58	0.00		16.11	25.99	16.11	25.99	5,950	0.014	0.035	0.049	3,5	0.172		0.002	0.174	0 600	470.00	1, 2	0.65	0. 184		32, 66 32, 10	
	0.00	· · · · · · · · · · · · · · · · · · ·	10.11	20.00	10.11	20.00	3,330	0.014	0.000	0.040	0.0	V.T.E		J. J					3.50	0.10		32.00	
(59)	0.00		14.32	40.31	14.32	40.31	9,230	0. 021	0.054	0.075	3.3	0.248		0.004	0, 252	⊙ 700	420.00	1.0	0.66	0. 254		31.58	
60		* .																		1 2 2 2 2	·	31.48	
	0.00		6.68	46.99	6.68	46.99	10,760	0.025	0.063	0.088	3.2	0. 282		0.004	0. 286	○ 800	50.00	0, 8	0.65	0.324		31.44	
(6I)	0.00		10.23	57.22	10.23	57.22	13,100	0.030	0.077	0. 107	3.1	0.332		0.005	0. 337	o 9 0 0	500.00	0.8	0.70	0.444	0	31. 34 30. 94	
(62)						. 60				4. 44		distriction of the control of the co							ite in the		7. 00	30. 94	
(62)	0.00	1 - 2	17.59	74.81	17.59	74.81	17,130	0.040	0. 100	0.140	3.0	0.420		0. 007	0. 427	O 900	530.00	0. 8	0.70	0. 444	ю	30, 52	
63	0.00		15,48	90.29	15.48	90.29	20,680	0.048	0. 121	0. 169	2,9	0.490		0.008	0.498	01000	220.00	0.6	0.65	0. 509		30, 42 30, 29	
	. :				10.10	30.23	20,000		0.12.	0.100		0.100		0.000	0.100	0.000	220.00		0.00	0. 303	r jest	30. 29	
	to	90)																					1 1 1
64)												0.00		0 001	0.000	0.050	200.00	7 =	0.00	0.071		34.75	:
	0.00		1,96		1,96		450	0, 001	0.003	0.004	4.8	0.019		0.001	0.020	⊙ 250	220.00	3.5	0.62	0. 031		33.98 33.93	
65	0.00		2.85	4.81	2,85	4.81	I , 100	0.003	0.006	0.009	4.8	0.043		0.001	0.044	⊙ 300	140.00	2,8	0.63	0. 044	•	33. 54	١.
66			9.1											111								33, 39	
1	0.00		5.88	10, 69	5.88	10.69	2,450	0.006	0.014	0.020	4.2	0.084		0. 001	0.085	○ 450	150.00	1.6	0.62	0.099	. :	33, 15	
67	0.00		5.13	15.82	5.13	15.82	3,620	0.008	0.021	0.029	3.9	0.113		0.001	0.114	⊙ 500	160.00	1.4	0, 62	0. 122		33.10 32.88	
																		**************************************				32.78	
68)	0.00		8.05	23.87	8.05	23.87	5,470	0.013	0.032	0.045	3.6	0.162		0. 002	0.164	⊙ 600	110.00	1.2	0, 65	0, 184		32.65	: . :
69	0.00		7. 25	31.12	7.25	31.12	7, 130	0.017	0.042	0.059	3.4	0,201		0.003	0. 204	⊙ 700	550.00	1.0	0.66	0, 254		32.55	
	0.00			01.12	1.20	J1.12	, 00		0.0.2			0,20,		0.003	0. 2.04	0.700	330.00		0.00	0, 254		32.00 31.80	<u> </u>
70	0.00		33.23	64.35	33.23	64.35	14,740	0.034	0.086	0, 120	3. I	0.372		0, 006	0.378	⊙ 900	520.00	0.8	0.70	0.444	-	31.38	
	to	87																					
																						34.60	
7	0.00		9.83	1	9.83		2,250	0.005	0.013	0.018	4.3	0.077	10.0	0, 00 I	0.078	⊙ 400	480.00	1. 9	0.63	0. 079	, -	33 69	*:

ſ	Name of Zone		Area (h	a)	Population Density	Population		Unit Flow	
. -		Residential	Commercial	Total			Per Capita	Commercial	In filtration
	ZONE 2	2,030	1,570	3,600	229 persons ha	823,800 persons	201 /c/d	116 ^{m³} /ha/d	7.6 ^{m³} /ha/d

y,			by Land	l Use		\rea		Dor	nestic W	astewater	Flo	w.	Othe	r Flow				Dag	igned	Sewer			
Sewers	Resid	dential Area	. !	nercial Area			roi				1		7.110	1 1011			la de la compa	T	·		99		
1	4		ent		ent		Total Population	tial (rcial (Factor	Flow	strial	5	Total	e te	ع ا		(Fell)	Capacity (Full)	Surface ation	wer invert Elevation	
ō	ement	Total	eme	Total	Le L	Total	Tot Pop	esidentic (Ave.)	mmercic (Ave.)	Total		IL.	usti	rati	Design	Diameter	ıg th	Slope	Ē.	ity(o de S		Remarks
S S	ncre	TOTAL	ncre	rojui	Incr	TOTAL		⊰esi (∕	E S	COIGI	aking	Pedk	Indu	Infiltration	Flow	Ö	Leng	Sic	Velocity	8	Ground		
	ha	ha	ha	ha	ha	ha:	persons	m³/s	m³/s	m³/ s	Ped	m ³ /s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	<u>ர</u> m	ගී m	
	r r											- 1	, ,	, ,	1 / 3			700	/3 -	, ,		33, 59	
(72)	0.00	-i :	5.83	15.66	5.83	15.66	3,590	0.008	0.021	0. 029	3.9	0.113		0.001	0.114	○ 500	455.00	1.4	0.62	0. 122	:	32.95	
73	0.00		28.01	43.67	28.01	43.67	10,000	0. 023	0.058	0.081	3,2	0.259		0.004	0.267	⊙ 800	365.00	Λ Q	0.65	0.704		32.65	
	0.00		20.01		20.01	10.01	10,000	0.020	0.000	0.001	J, 2	0.200		0.004	0.263	0 800	365.00	0.8	0.65	0.324		32,36 32,26	
(74)	0.00	<u> </u>	13.94	57.61	13.94	57.61	13, 190	0. 031	0.077	0. 108	3. I	0.335		0. 005	0.340	o 900	145.00	0.8	0.70	0. 444	: .	32.14	
75	0.00	1.1	10.77	70.70	10.77	70.70																32. 14	
	0.00		12.77	70.38	12.77	70.38	16,120	0. 038	0.094	0. 132	3.0	0.396		0.006	0. 402	O 900	100.00	0. 8	0.70	0.444		32.06	
(76)	0.00		27.93	98.31	27.93	98.31	22,510	0.052	0.132	0. 184	2.8	0.515		0. 009	0.524	01100	370.00	0. 6	0.69	0.656		31.86 31.64	
77	11 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (and the state of t									: :				31.64	
	0.00		15.36	113.67	15.36	113.67	26,030	0.061	0. 153	0. 214	2.7	0.578		0.010	0.588	01100	320.00	0. 6	0.69	0.656		31.45	:
78	0.00	•	0.00	113.67	0.00	113.67	26,030	0.061	0. 153	0.214	2.7	0.578		0.010	0. 588	01100	100.00	0. 6	0 69	0.656		31.45	
		(G)					,		3			0.013		0.010	0. 300	01100	100.00	U. U	0.03	0.636		31.39	
	to	(85)	<u> </u>										1 1					· · · · · · · · · · · · · · · · · · ·					
(79)	0.00		6.88	•	6.88		1,580	0.004	0.009	0.013	4.7	0.061						·			8	34.60	
	0.00		0.00		0.00		1,000	0.004	0.009	0.013	4.7	0.061		0. 001	0.062	O 400	270.00	1. 9	0.63	0.079	37	34.09	
(80)	0.00		1.54	8.42	1.54	8.42	1,930	0.004	0.011	0.015	4.5	0.068		0. 001	0.069	⊙ 400	400.00	1. 9	0.63	0.079		34.09 33.33	:
81																		:			٠.	33. 13	
	0.00	· .	15.91	24.33	15.91	24.33	5,570	0.013	0.033	0.046	3.6	0.166		0.002	0. 168	○ 600	340.00	1. 2	0.65	0. 184		32.72	
82	0.00		23.25	47. 58	23.25	47.58	10,900	0. 025	0.064	0. 089	3.2	0. 285		0.004	0. 289	⊙ 800	645.00	0.8	0.65	0. 324		32, 52	
																				- 	1	32.00 31.90	
(83)	0.00		17.17	64.75	17.17	64.75	14,830	0. 035	0.087	0. 122	3. 0	0.366		0. 006	0.372	0 900	80.00	0.8	0.70	0.444		31.84	
84)	0.00		19.13	83.88	19 13	83.88	19,210	0.045	0.113	0. 158	2.9	0.450		0. 007	0. 465	01000	270.00	0.6	0.6=	0.500		31.74	
	0.00		10.10	30.00	13.13	00.00	10,210	0. 545	0.113	0.158	2.3	0.458		0.007	0.465	01000	210.00	0.6	0.65	0. 509		31.58 31.14	
85	0.00	:	8.43	205.98	8.43	205.98	47, 170	0. 110	0.277	0.387	2.4	0.929		0.018	0.947	01350	150.00	0. 5	0.72	1. 034		31.07	
86)	0.00		52 OC	259.04	52 Oc	050 04	E0 000	0.173														30. 77	
	0.00		52.06	258.04	52.06	258.04	59,090	0. 137	0.346	0.483	2.3	1.111		0. 023	1. 134	O 1650	95.00	0.4	0.74	1.580		30.72	
87)	0.00		14.66	337.05	14.66	337.05	77, 180	0.180	0.453	0.633	2.2	1.393		0. 030	l. 423	01800	40.00	0. 4	0.78	1.992		30, 63 30, 46	
(88)									Application is													30.46	
	0.00		13.98	351.03	13.98	351.03	80,390	0. 187	0.471	0,658	2.2	1.448		0.031	1, 479	01800	430.00	0.4	0.78	1.992		30. 29	
(88) (89)	0.00		14.40	365.43	14.40	365.43	83,680	0. 195	0.491	0. 686	2.2	1.509		0. 032	1. 541	01800	940.00	0.4	0.78	1.992		30. 29 29. 9 I	
					# # Y	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3						0.032	1. 741	0,800	5.70.00	<u> </u>	0.70	1.552		29.39	
90	0.00		4.88	460.60	4.88	460.60	105,480	0. 245	0.618	0.863	2.1	1.812		0. 041	1. 853	⊙1900	190.00	0. 4	0,81	2.301		29.34	

	Name of	Zone		Area (h	a)	Population	Population		Unit Flow	
ŀ	The state of the s		Residential	Commercial	Total	Density		Per Capita	Commercial	In filtration
	ZONE	2	2,030	1,570	3,600	229 persons ha	823,800 persons	201 1/c/d	II6 ^{m³} /ha/d	

ewers	Res	Area idential		mercial	1	\rea	Ç	Dor	nestic W	astewater	Flo) W	Oth	er Flow				Des	signed	Sewer			
No. of Sev	Increment	Area	Increment	Area Total	increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	R
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/ s	m³/s	ď	m³/s	m³/s	m³/s	m³/s	mm	m	%.	m/s	m³/s	m	m	1
91	0.00		0.00	460.60	0.00	460.60	105,480	0. 245	0.618	0.863	2, l	1.812		0.041	1. 853	01900	40.00	0.4	0.81	2.301		29.31 29.29	-
92			10.50	477.10	10.50	477.10	100 750	0.000	0.075	0.007		1.007		12.7								29. 29	
	0.00		12.56	473.16	12.56	473.16	109,350	0. 252	0.635	0. 887	2.1	1.863		0.042	1. 905	01900	430.00	0. 4	0, 81	2.301		29. <u>12</u> 29. 02	:
93)	0.00		44.79	517.95	44.79	517.95	118,610	0. 276	0.695	0.971	2. 1	2.039		0.046	2.085	02000	400.00	0. 4	0.84	2.639		28.86	1.
94)	0.00		23.01	540.96	23.01	540.96	123,880	0.288	0.726	1.014	2.0	2.028		0. 048	2.076	0 2 000	410.00	0. 4	0.84	2.639		28.86 28.70	1
95)	0.00		14.66	EEE CO	14 66	EEE CO	127 240	0.206	0.746	1.042	2.0	2.004		0.040	0.177	0.000						28.70	
	0.00		14.66	555.62	14.00	555.62	127, 240	0, 296	0.746	1.042	2.0	2.084		0.049	2.133	02000	355.00	0. 4	0.84	2.639		28.56 28.46	
96)	0.00		85.14	640.76	85. 14	640.76	146,730	0. 341	0.860	1. 201	2.0	2.402		0.056	2. 458	02100	60.00	0. 4	0. 87	3.005		28.44	
(2-4)	0.00		105.17	745.93	105.17	745.93	170,820	0.397	1.001	1.398	1.9	2.656		0.066	2.722	-							Pumpi
97)	0.00		0.00	745.93	0.00	745. 93	170 830	0.707		1 700		0.656		0.000	0.700	0.000						32.80	
	0.00		0.00	145.93	0.00	140.93	170,820	0.397	1.001	1.398	1.9	2.656		0.066	2.722	○ 2 200	105.00	0.4	0.90	3.402	9	32, 76 32, 76	
(98)	0.00		11.99	757.92	11.99	757.92	173,560	0.404	1.018	1.422	1.9	2.702		0.067	2.769	O 2 200	335.00	0. 4	0.90	3.402	37.0	32.63	ļ
(99)	0.00		22. 15	780.07	22.15	780.07	178,640	0.416	1. 047	1. 463	1.9	2.780		0.069	2.849	0 2 200	290.00	0. 4	0.90	3.402		30, 92 30, 80	
(100)	0.00		11.41	791.48	11 41	791.48	181, 250	0.422	1.063	1, 485	1.9	2.822		0.070	2.892	0.3.200	175.00	0.4	0.00	7 400		30. 80	1
(0)	0.00		11.41	731.40	1171	731,40	101, 200	0.422	1.003	1. 465	1. 9	2.022		0.070	2.032	⊙ 2 200	173.00	0. 4	0.90	3.402		30. 73 30. 73	
	0.00		22.12	813.60	22.12	813.60	186,310	0.433	1.092	1. 525	1.9	2.898		0.072	2.970	02200	160.00	0.4	0.90	3.402		30.67	
(102)	0.00	1 1 1	32.61	846.21	32.61	846.21	193,780	0. 451	1. 136	1,587	1.9	3.015		0. 074	3.089	0 2 200	475.00	0. 4	0.90	3.402		30. 67 30. 48	
	to																4 /						
(03)											1							· ·			·	34.75	:
	0.00		3.04		3.04		700	0.002	0.004	0.006	4.8	0.029	100000	0.001	0.030	○ 250	330.00	3.5	0.62	0. 031		33, 60	
(104)	0.00		2.18	5.22	2.18	5.22	1,200	0.003	0.007	0. 010	4.8	0.048		0. 001	0.049	○ 350	95.00	2. 2	0. 62	0. 059		33.50 33.29	
(105)	0.00		6.47	11.69	6.47	11.69	2,680	0.006	0.016	0. 022	4.2	0.092		0.001	0. 093	⊘ 450	180.00	1.6	0.62	0.099		33. 19 32. 90	· : · :
(106)	7.5																	Maria				32.75	
	0.00	1	7.53	19.22	7.53	19.22	4,400	0.010	0.026	0.036	3.8	0.137		0.002	0. 139	⊙ 600	200.00	1, 2	0.65	0. 184		32.51 32.41	1
(107)	0.00		10.05	29.27	10.05	29. 27	6,700	0,016	0. 039	0.055	3.5	0.193		0.003	0. 196	○ 7 00	240.00	1. 0	0.66	0. 254.	. 11.	32. 17	:
(108)	0.00		10.61	39.88	10.61	39.88	9,130	0. 021	0.054	0.075	3.3	0.248		0.004	0. 252	o 700	400.00	1.0	0.66	0. 254		32.17 31.77	 !

	Name of	Zone		Area (h	a)	Population Density	Population		Unit Flow	
-			Residential	Commercial	Total			Per Capita	Commercial	In filtration
	ZONE	2	2,030	1,570	3,600	229 ha	823,800 persons	201 1/c/d		7.6 ^{m³} /ha/d

		<u></u>	Area	by Land	d Use]											1				Media-Personale com destina come foncia e com			
	ewers	Resi	dential	Comn	nercial	<i>'</i>	Area	Ę	Dor	The state of the s	astewater	Fic) W	Othe	er Flow			T	Des	signed	Sewer	1		
	No. of Set	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remarks
		ha	ha	ha	ha 🗀	ha	ha	persons	m³/s	m³/ s	m³/ s	ď	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	
	(09)	0.00		11.02	50.90	11.02	50.90	11,660	0. 027	0.068	0. 095	3.2	0.304		0.004	0. 308	0 800	75.00	0.8	0.65	0.324		31. 67 31. 61	
:	(10)			: :							2014					<u> </u>				0.00	0.021		31.51	
1.1		0.00		11.77	62.67	11.77	62.67	14,350	0. 033	0.084	0. 117	3.1	0.363		0.006	0. 369	○ 900	585.00	0.8	070	0.444		31.04	
	(11)	0.00		0.00	908.88	0.00	908.88	208, 130	0. 484	1, 220	1.704	1. 9	3.238		0. 080	3.318	○2300	30.00	0. 4	0.92	3.831		30. 38 30. 37	* .
 :	(115)	83.45	83,45	15.28	924. 16	98.73	1007.61	230,740	0.537	1. 241	1.778	1.9	3,378		0.089	3,467	0 2 300	555.00	0. 4	0.92	3.831		30. 37 30. 15	
	(13)										11	1, 25.	(3.378)							1.4 185	0.001		30. I5	
		42.75	126.20	17.83	941.99	60.58	1068.19	244,620	0. 568	l. 265	1. 833	1.8	3.299		0.091	3.469	○ 2 300	380.00	0. 4	0.92	3.831		30. 00 30. 00	
	(114)	49.05	175. 25	22.06	964.05	71.11	1139.30	260,900	0.607	1. 294	1. 901	1.8	3.422		0.097	3.519	0 2 300	500.00	0. 4	0.92	3,831		29. 80	
	(115)	8.82	184.07	16.09	980.14	24.91	1 164.21	266,600	0. 620	1, 316	1.936	1.8	3, 485		0, 100	3,585	© 2400	420.00	0.4	0.95	3. 291		29. 70	
		to	(150)												0. 100	3,333	0 2400	420.00	J	0.00	3. 231		29. 53	
					· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·					1 1 2					2 2				1			Transition of the second
	(116)	0.00		3.87	· '.	3.87		890	0.002	0.005	0. 007	4.8	0.034		0.001	0. 035	O 300	320.00	2.8	0.63	0.044	7. 00	34.70 33.80	
	(117)	0.00		8.03	11.90	8.03	11.90	2,730	0.006	0.016	0. 022	4.2	0.092		0.00	0.007	0.450	055.00		0.00	0 000	m	33. 65	
		0.00	*.	0.03	71.30	0.03	11.90	2,730	0.000	0.016	0. 022	4.2	0.032		0.001	0. 093	○ 450	255.00	I. 6	0.62	0. 099		33. 24 33. 09	
	(118)	0.00		8.60	20.50	8.60	20.50	4,690	0.011	0.028	0.039	3.7	0.144		0.002	0.146	⊙ 600	320.00	1.2	0.65	0. 184		32.71	
	(119)	0.00		12.60	33.10	12.60	33.10	7,580	0.018	0.044	0. 062	3.4	0.211		0.003	0.214	⊙ 700	320.00	1.0	0.66	0.254		32. 61 32. 29	
	(120)	0.00		4.70	17.00		77.00																32.29	
		0.00		4.79	37.89	4.79	37.89	8,680	0. 020	0.051	0. 071	3.3	0.234		0.003	0.237	⊙ 7 00	280.00	1.0	0.66	0. 254		32.01 31.71	· · · · · · · · · · · · · · · · · · ·
	(ISI)	0.00	· · · ·	44.86	82.75	44.86	82.75	18,950	0.044	0.111	0. 155	2.9	0.450		0.007	0.457	⊙1000	470.00	0.6	0.65	0.509		31.43	·
	(155)	0.00		29.78	112.53	29.78	112.53	25,770	0.060	0.151	0. 211	2.8	0.591		0. 010	0.601	01100	500.00	0.6	0.69	0. 656		31.33 31.03	
		to	(131)				er i egi i irili. Egi																01.00	
<u>.</u>					<u> </u>		<u>:</u>												<u>tak taj</u>				34.70	
	(123)	0.00	<u> </u>	4.23		4.23		970	0.002	0.005	0.007	4. 8	0. 034		0.001	0. 035	O 300	330.00	2.8	0.63	0.044		34.70 33.78	
	(124)	0.00		6.99	11.22	6.99	11.22	2,570	0.006	0.015	0.026	4. 2	0.008		0.001	0.089	⊙ 450	310.00	1.6	0.62	0.099		33. 63 33. 13	
	(125)	0.00		E 70	10.00														i.; - II ,				32.98	
		0.00		5.70	16.92	5.70	16.92	3,870	0.009	0.023	0.032	3.9	0.125		0.001	0. 126	○ 600	210.00	1.2	0.65	0. 184		32.73 32.63	<u>. Tanan sa Ma</u>
	(126)	0.00		16.39	33.31	16.39	33.31	7, 630	0.018	0.045	0.063	3. 4	0.214		0.003	0.217	o 700	240.00	1.0	0.66	0. 254		32.39	

	Name of Zone		Area (h	a)	Population Density	Population	***************************************		Unit Flow		
-		Residential	Commercial	Total	persons,		Per	Capita	Commercial	In filtration	
	ZONE 2	2,030	1,570	3,600	229 ha	823,800 persons	201	1/c/d	116 ^{m³} /ha/d	''"	

·		Area by Land Use												**************************************										
, F	Residential Area		Commercial		Area		Ę	Domestic Wastewater			Flow		Other Flow		4 4	Desig			igned	Sewer	· ·			
	No. of Sev	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	aking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remarks
		ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m ³ / s	മ്	m³/s	m³/s	m³/s	m ³ /s	m m	m	%。	m/s	m ³ /s	m	m	
	(127)	0.00		10.35	43.66	10.35	43.66	10,000	0.023	0.059	0.082	3.2	0.262		0. 004	0. 266	○ 800	70.00	0.8	0.65	0.324		32, 29 32, 23	
	(128)	0.00		10. 12	53.78	10. 12	53,78	12,320	0.029	0.072	0. 101	3. 1	0.313		0. 005	0.318	⊙ 800	290.00	0.8	0.65	0. 324		32.23 32.00	
	(129)	0.00		8.93	62.71	8,93	62.71	14,360	0. 033	0.084	0. 117	3. I	0.363		0. 006	0.369	o 900	310.00	0.8	0.70	0.444		31.90 31.65	
	(30)	0.00		21. 29	84.00	21,29	84.00	19,240	0. 045	0.113	0. 158	2.9	0.458		0. 007	0. 465	01000	495.00	0.6	0.65	0. 509		31.55 31.25	
	(31)	0.00		15.73	212.26	15.73	212.26	48.610	0. 113	0.285	0.398	2.4	0.955		0. 019	0. 974	⊙ı350	645.00	0. 5	0.72	1. 034		30, 78 30, 46	
We are	(132)	0.00		9.36	221.62	9.36	221,62	50,750	0. 118	0.298	0.416	2.4	0.998		0.019	1, 017	⊙≀350	40.00	0.5	0.72	1.034		30,46 30,44	
	(133)	0.00	14. 14.	12.66	234.28	12.66	234.28	53,650	0.125	0.315	0.440	2.4	1.056		0.021	1.077	⊙ 500	550.00	0.5	0.78	1. 370		30.29 30.01	
•	(34)	0.00		24.23	258.51	24.23	258.51	59,200	0. 138	0.347	0. 485	2.3	1.116		0. 023	1.139	⊙1500	300.00	0. 5	0.78	1.370	:	30. 01 29. 86	
	(135)	0.00		8.27	266.78	8.27	266.78	61,090	0. 142	0.358	0. 500	2.3	1.150		0. 023	1.173	⊙1500	750.00	0.5	0.78	1.370	37.00	29.86 29.49	
	1.0	to	(150)						5.0													r)		
	(140)	6.03				6.03		1,380	0.003		0.003	4.8	0.014		0.003	0. 017	○ 200	500.00	4.5	0.61	0.019		34.80 32.55	
•	(41)	5.07	11.10	0.77		5.84	11.87	2,720	0.006	0.001	0.007	4.8	0.034		0.004	0. 038	⊙ 300	285.00	2.8	0.63	0.044		32,45 31,65	<u> </u>
1 . · · · · · · · · · · · · · · · · · ·	(142)	8.79	19.89	0.00	0.77	8.79	20.66	4,730	0.011	0.001	0.012	4.7	0.056		0. 005	0.061	○ 400	150.00	1.9	0.63	0.079		31.55	
	(143) P	7.38	27.27	0.00	0.77	7.38	28.04	6,420	0.015	0.001	0.016	4.4	0.070		0.005	0. 075	⊙ 400	145.00	1. 9	0.63	0.079		31, 27 31, 00	
9 · ·																								Pumping Station
		21.06	48.33	0.00	0.77	21.06	49.10	11,240	0. 026	0.001	0, 027	3.9	0.105		0.007	0, 112	⊙ 500	520.00	1.4	0.62	0. 122		34.50 33.77	
	(145)	5.94	54.27	0.00	0.77	5.94	55.04	12,600	0.029	0.001	0. 030	3.9	0.117		0. 008	0. 125	o 600	390.00	I. 2	0. 65	0. 184		33.67 33.20	
31 A		30.91	85.18	7.45	8.23	38.37	93.41	21,390	0.050	0.011	0.061	3.3	0.201		0.011	0. 212	⊙ 7 00	420.00	1.0	0.66	0.254	:	33.10 32.68	
	(147)	61.53	146.71	7.72	15.95	69,25	162.66	37,250	0.087	0.021	0. 108	3.1	0.335		0. 017	0. 352	○ 900	30.00	0.8	0.70	0.444		32.48 32.46 32.46	
	(148)	30.00	176.71		15.95	30.00	192.66	44,120	0, 103	0.021	0.124	3.0	0.372		0.020	0.392	0 900	450.00	0.8	0.70	0. 444		32.46	