

DISEÑO SANITARIO (TUBERIA DE DESCARGA DE AGUA TRATADA P.H. FRESNO)

NUMERO DE LOTES	1642
DENSIDAD	5 HAB/LOTE
TOTAL DE HAB.	8210
TOTAL DE HA.	
GENERACION DE AGUAS SERVIDAS	80 GPPD
TUBERIA DE PVC	N= 0.010
INFILTRACION	0.01

DEL C.I. No.	AL C.I. No.	CANT. LOTES SERV.	CALLE	AREA HA.	POBLACION		AGUAS SERVIDAS				INFILTRACIÓN			Q= Q1+Q2 PIE3/SEG	D > 12" 1.25*Q PIE3/SEG	S o/oo	V PIES/SEG	D PLG	CONDICIONES DE FLUJO						DIST METROS	DIFER DE ELEV. METROS	ELEV. FONDO	
					POR LINEA	ACU M.	Q1 UNIT PIES3/ SEG	Q1 PIES3/ SEG	FACTOR DE Q1 MAX	Q1 MAX PIES3/ SEG	Q2 UNIT PIES3/ SEG/HA	Q2 TOTAL PIES3/ SEG	Q2 PIES3/ SEG						Q LLENO PIES3 SEG	Q DIS / Q LLENO %	d/D %	v/V %	PROF. FLUJO PLG	V PIES/SEG			SUP.	INF.
X512	X513	341	SERVIDUMBRE	0.0313	1705.00	1705	0.2110	0.2110	2.02	0.4270	0.01	0.0003	0.0003	0.4273		7.29	3.18	6	0.6244	68.44%	60.73%	107.67%	3.6439	3.4241	26.07	0.19	51.15	50.96
X513	X514		SERVIDUMBRE	0.0245		1705		0.2110	2.02	0.4270	0.01	0.0002	0.0006	0.4276		5.38	2.73	6	0.5364	79.71%	67.48%	111.03%	4.0486	3.0332	20.45	0.11	50.96	50.85
X514	X515		SERVIDUMBRE	0.0287		1705		0.2110	2.02	0.4270	0.01	0.0003	0.0008	0.4278		5.01	2.64	6	0.5179	82.61%	69.29%	111.73%	4.1573	2.9471	23.93	0.12	50.85	50.73
X515	X1		SERVIDUMBRE	0.0102		1705		0.2110	2.02	0.4270	0.01	0.0001	0.0009	0.4279		5.86	2.85	6	0.5600	76.42%	65.47%	110.15%	3.9283	3.1414	8.53	0.05	50.73	50.68
X1	X2		CALLE 1	0.0411		1705		0.2110	2.02	0.4270	0.01	0.0004	0.0014	0.4284		8.17	3.37	6	0.6611	64.79%	58.61%	106.38%	3.5165	3.5819	34.27	0.28	50.680	50.400
X2	X3		CALLE 5	0.1008		1705		0.2110	2.02	0.4270	0.01	0.0010	0.0024	0.4294		16.79	4.83	6	0.9476	45.31%	47.21%	97.54%	2.8329	4.7072	84.00	1.41	50.400	48.990
X3	X4		CALLE 5	0.0840		1705		0.2110	2.02	0.4270	0.01	0.0008	0.0032	0.4302		16.57	4.80	6	0.9415	45.69%	47.44%	97.75%	2.8466	4.6871	70.00	1.16	48.990	47.830
X4	X5		CALLE 5	0.0408		1705		0.2110	2.02	0.4270	0.01	0.0004	0.0036	0.4306		16.76	4.82	6	0.9470	45.47%	47.31%	97.63%	2.8386	4.7085	34.00	0.57	47.830	47.260
X5	X6		CALLE 5	0.0477		1705		0.2110	2.02	0.4270	0.01	0.0005	0.0041	0.4311		14.34	4.46	6	0.8757	49.23%	49.54%	99.61%	2.9726	4.4427	39.76	0.57	47.260	46.690
X6	X7		CALLE 8	0.0743		1705		0.2110	2.02	0.4270	0.01	0.0007	0.0048	0.4318		31.83	6.65	6	1.3048	33.10%	39.61%	89.78%	2.3764	5.9660	61.90	1.97	46.690	44.720
X7	X8		SERVIDUMBRE	0.0293		1705		0.2110	2.02	0.4270	0.01	0.0003	0.0051	0.4321		20.10	5.28	6	1.0369	41.67%	45.01%	95.45%	2.7008	5.0406	24.38	0.49	44.720	44.230
X8	X9		SERVIDUMBRE	0.0301		1705		0.2110	2.02	0.4270	0.01	0.0003	0.0054	0.4324		22.70	6.80	8	2.3732	18.22%	28.91%	76.04%	2.3125	5.1699	25.11	0.57	42.570	42.000
X9	X10	328	SERVIDUMBRE	0.0864	1640.00	3345	0.2030	0.4140	1.82	0.7541	0.01	0.0009	0.0063	0.7604		10.55	4.64	8	1.6181	46.99%	48.22%	98.45%	3.8576	4.5636	72.02	0.76	42.000	41.240
X10	X12		SERVIDUMBRE	0.1143		3345		0.4140	1.82	0.7541	0.01	0.0011	0.0074	0.7616		10.92	4.72	8	1.6459	46.27%	47.79%	98.06%	3.8230	4.6238	95.25	1.04	41.240	40.200
X12	X13		SERVIDUMBRE	0.0600		3345		0.4140	1.82	0.7541	0.01	0.0006	0.0080	0.7622		10.00	4.51	8	1.5750	48.39%	49.05%	99.18%	3.9240	4.4751	50.01	0.50	40.200	39.700
X13	X14		SERVIDUMBRE	0.0581		3345		0.4140	1.82	0.7541	0.01	0.0006	0.0086	0.7627		10.32	4.58	8	1.6002	47.67%	48.62%	98.80%	3.8896	4.5293	48.45	0.50	39.700	39.200
X14	X15		SERVIDUMBRE	0.0934		3345		0.4140	1.82	0.7541	0.01	0.0009	0.0096	0.7637		11.56	4.85	8	1.6936	45.09%	47.08%	97.42%	3.7666	4.7265	77.85	0.90	39.200	38.300
X15	X16		SERVIDUMBRE	0.1080		3345		0.4140	1.82	0.7541	0.01	0.0011	0.0106	0.7647		7.78	3.98	8	1.3892	55.05%	52.96%	102.40%	4.2365	4.0751	90.00	0.70	36.100	35.400
X16	X17		SERVIDUMBRE	0.0348		3345		0.4140	1.82	0.7541	0.01	0.0003	0.0110	0.7651		14.81	5.49	8	1.9171	39.91%	43.93%	94.37%	3.5143	5.1831	29.03	0.43	35.400	34.970
X17	X18		SERVIDUMBRE	0.0302		3345		0.4140	1.82	0.7541	0.01	0.0003	0.0113	0.7654		34.58	8.39	8	2.9291	26.13%	34.88%	84.15%	2.7908	7.0614	25.16	0.87	34.970	34.100
X18	X19		SERVIDUMBRE	0.0432		3345		0.4140	1.82	0.7541	0.01	0.0004	0.0117	0.7658		87.70	13.36	8	4.6648	16.42%	27.40%	73.81%	2.1923	9.8640	36.03	3.16	33.280	30.120
X19	C-1		SERVIDUMBRE	0.0089		3345		0.4140	1.82	0.7541	0.01	0.0001	0.0118	0.7659		24.29	7.03	8	2.4550	31.20%	38.36%	88.35%	3.0686	6.2139	7.41	0.18	30.120	29.940
C-1	C-2		SERVIDUMBRE	0.0701		3345		0.4140	1.82	0.7541	0.01	0.0007	0.0007	0.7548		18.67	6.17	8	2.1521	35.07%	40.89%	91.19%	3.2709	5.6224	58.39	1.09	29.20	28.11
C-2	C-3		CALLE 4	0.0977		3345		0.4140	1.82	0.7541	0.01	0.0010	0.0017	0.7558		17.69	6.00	8	2.0953	36.07%	41.52%	91.88%	3.3219	5.5152	81.38	1.44	28.11	26.67
C-3	C-4		CALLE 4	0.0965		3345		0.4140	1.82	0.7541	0.01	0.0010	0.0026	0.7568		26.11	7.29	8	2.5454	29.73%	37.37%	87.20%	2.9899	6.3585	80.42	2.10	26.67	24.57
C-4	C-5		P. ROBLES	0.0694		3345		0.4140	1.82	0.7541	0.01	0.0007	0.0033	0.7575		26.12	7.29	8	2.5460	29.75%	37.39%	87.21%	2.9910	6.3611	57.80	1.51	24.57	23.06
C-5	C-6		CALLE 5	0.1034		3345		0.4140	1.82	0.7541	0.01	0.0010	0.0044	0.7585		16.01	5.71	8	1.9930	38.06%	42.78%	93.20%	3.4221	5.3213	86.20	1.38	23.06	21.68
C-6	C-7		CALLE 5	0.0802		3345		0.4140	1.82	0.7541	0.01	0.0008	0.0052	0.7593		24.25	7.03	8	2.4530	30.95%	38.19%	88.16%	3.0556	6.1955	66.80	1.62	21.68	20.06
C-7	C-8		SERVIDUMBRE	0.0305		3345		0.4140	1.82	0.7541	0.01	0.0003	0.0055	0.7596		20.08	6.39	8	2.2320	34.03%	40.22%	90.46%	3.2173	5.7840	25.40	0.51	20.06	19.55
C-8	EX9	573	SERVIDUMBRE	0.0342	2865.00	6210	0.3546	0.7686	1.80	1.3835	0.01	0.0003	0.0058	1.3893		9.82	5.19	10	2.8308	49.08%	49.46%	99.53%	4.9457	5.1660	28.50	0.28	19.55	19.27
EX9	EX8		CALLE 4	0.0262		6210		0.7686	1.80	1.3835	0.01	0.0003	0.0061	1.3896		6.24	4.14	10	2.2557	61.60%	56.76%	105.17%	5.6758	4.3493	21.80	0.14	19.27	19.13
EX8	EX7		CALLE 4	0.0840		6210		0.7686	1.80	1.3835	0.01	0.0008	0.0069	1.3904		6.00	4.06	10	2.2122	62.85%	57.48%	105.65%	5.7481	4.2853	70.00	0.42	19.13	18.71
EX7	EX6		CALLE 4	0.1080		6210		0.7686	1.80	1.3835	0.01	0.0011	0.0080	1.3915		6.00	4.06	10	2.2122	62.90%	57.51%	105.67%	5.7510	4.2860	90.00	0.54	18.71	18.17
EX6	EX5		CALLE 4	0.1080		6210		0.7686	1.80	1.3835	0.01	0.0011	0.0091	1.3926		6.00	4.06	10	2.2122	62.95%	57.54%	105.69%	5.7538	4.2868	90.00	0.54	18.17	17.63
EX5	EX4		CALLE 4	0.1043		6210		0.7686	1.80	1.3835	0.01	0.0010	0.0101	1.3936		6.00	4.05	10	2.2114	63.02%	57.58%	105.72%	5.7578	4.2863	86.90	0.52	17.63	17.11
EX4	EX3		CALLE 1	0.0828		6210		0.7686	1.80	1.3835	0.01	0.0008	0.0110	1.3945		6.00	4.06	10	2.2123	63.03%	57.59%	105.72%	5.7585	4.2883	68.99	0.41	17.11	16.70
EX3	EX2		CALLE 1	0.0232		6210		0.7686	1.80	1.3835	0.01	0.0002	0.0112	1.3947		5.99	4.05	10	2.2105	63.09%	57.62%	105.74%	5.7622	4.2856	19.36	0.12	16.70	16.58
EX2	EX1		SERVIDUMBRE	0.0226		6210		0.7686	1.80	1.3835	0.01	0.0002	0.0114	1.3949		6.01	4.06	10	2.2140	63.00%	57.57%	105.71%	5.7569	4.2911	18.80	0.11	16.58	16.47
EX1	CAB	400	SERVIDUMBRE	0.0537	2000.00	8210	0.2475	1.0162	1.80	1.8291	0.01	0.0005	0.0119	1.8410		51.36	11.87	10	6.4725	28.44%	36.50%	86.15%	3.6496	10.2231	44.78	2.30	16.47	14.17

FECHA 10/04/2021

P.H. FRESNO 341 VIVIENDAS
P.H. VALLEJO 328 VIVIENDAS
PALO ALTO 573 VIVIENDAS
VERONA 400 VIVIENDAS