



VOL. DE TERRAP. ESTRADA VILA FÃO

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Vol. Cort. Acum. (m³)	Vol. Aterro Acum. (m³)	Volume Líquido (m³)
0+000.00	3.88	0.00	0.00	0.00	0.00	0.00	0.00
0+020.00	1.44	0.11	53.00	1.14	53.00	1.14	51.87
0+040.00	1.13	0.28	25.51	4.02	78.51	5.15	73.36
0+060.00	0.89	0.67	19.88	9.64	98.39	14.80	83.59
0+080.00	0.31	0.87	11.83	15.59	110.23	30.39	79.84
0+100.00	0.00	0.81	3.05	16.95	113.28	47.33	65.94
0+120.00	0.07	0.06	0.72	8.70	114.00	56.03	57.97
0+140.00	1.30	0.06	13.39	1.21	127.39	57.24	70.15
0+160.00	0.05	0.78	13.15	8.43	140.55	65.67	74.87
0+180.00	0.07	0.11	1.23	8.93	141.78	74.60	67.17
0+200.00	0.06	0.71	1.39	8.32	143.17	82.92	60.24
0+220.00	0.06	1.08	1.25	18.21	144.41	101.14	43.28
0+240.00	0.17	0.27	2.29	13.77	146.71	114.91	31.80
0+260.00	0.31	0.17	4.84	4.48	151.55	119.39	32.15
0+280.00	0.02	0.51	3.30	6.88	154.84	126.28	28.57
0+300.00	0.71	0.26	7.23	7.70	162.08	133.98	28.10
0+320.00	0.07	0.98	7.81	12.38	169.89	146.36	23.52
0+340.00	0.00	0.68	0.78	18.63	170.68	164.99	7.67
0+360.00	0.96	0.01	9.59	6.90	180.25	169.89	10.37
0+380.00	0.00	1.00	9.56	10.07	189.81	179.96	9.85
0+400.00	0.00	0.75	0.00	17.46	189.81	197.43	-7.61
0+420.00	0.00	0.94	0.00	16.82	189.81	214.25	-24.43
0+440.00	0.07	0.39	0.74	13.22	190.55	227.47	-36.92
0+460.00	0.08	0.45	1.51	8.31	192.06	235.78	-43.72
0+480.00	0.10	0.60	1.79	10.41	193.85	246.20	-52.35
0+500.00	1.09	0.86	11.95	14.50	205.79	260.70	-54.91
0+520.00	0.16	0.64	12.53	14.91	218.32	275.61	-57.29
0+540.00	0.00	1.91	1.60	25.45	219.92	301.06	-81.14
0+560.00	0.00	1.00	0.00	29.09	219.92	330.15	-110.22
0+580.00	0.29	0.90	2.91	18.98	222.83	349.13	-126.30
0+600.00	0.47	0.74	7.57	16.35	230.40	365.48	-135.08
0+620.00	5.40	0.24	59.08	9.81	289.48	375.30	-85.82
0+640.00	1.82	0.27	72.29	5.08	361.77	380.38	-18.61
0+660.00	0.47	0.53	22.99	7.99	384.76	388.37	-3.61
0+680.00	0.01	0.47	4.84	10.03	389.60	398.40	-8.80
0+700.00	0.11	0.49	1.20	9.57	390.80	407.98	-17.18
0+720.00	0.06	0.35	1.72	8.34	392.52	416.32	-23.80
0+740.00	0.00	0.58	0.66	9.32	393.19	425.64	-32.45
0+760.00	0.00	1.16	0.04	17.41	393.23	443.05	-49.83
0+780.00	0.00	1.46	0.00	26.34	393.23	469.39	-76.17
0+800.00	4.54	0.04	43.04	15.22	436.27	484.62	-48.35
0+820.00	0.00	0.95	43.34	9.85	479.61	494.47	-14.86
0+840.00	0.19	0.56	1.92	15.15	481.53	509.62	-28.09
0+860.00	0.11	1.01	3.01	15.93	484.54	525.55	-41.01
0+880.00	0.05	1.26	1.55	22.96	486.10	548.51	-62.41
0+900.00	0.01	0.88	0.60	21.58	486.70	570.09	-83.39
0+920.00	1.39	0.69	13.89	15.75	500.59	585.84	-85.25
0+940.00	0.01	1.32	13.94	20.12	514.53	605.96	-91.43
0+960.00	0.09	0.49	0.93	18.13	515.47	624.09	-108.62
0+980.00	0.07	0.30	1.81	7.81	517.08	631.89	-114.82
1+000.00	0.00	0.84	0.73	11.34	517.81	643.23	-125.43
1+020.00	0.00	0.98	0.01	18.24	517.82	661.47	-143.65
1+040.00	0.25	0.46	2.54	14.40	520.36	675.87	-155.51
1+060.00	1.17	0.24	14.73	7.03	535.10	682.90	-147.80
1+070.00	0.00	0.00	5.96	1.20	541.06	684.10	-143.04

Nota de Serviço de Terraplenagem

ESTRADA VILA FÃO T2 ESTRADA VILA FÃO 0+000.000 1+069.999																																					
Lado Esquerdo											Lado Direito																										
VALETA_IN		JUNTA		OFFSET			OFFSET_SUB			Estaca	Pontos Notáveis da Geometria Horizontal			Pontos Notáveis da Geometria Vertical			Cota Projeto	Cota Terreno	Cota Vermelha	OFFSET_SUB			VALETA_IN		JUNTA		OFFSET										
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Estaca	Pontos Notáveis da Geometria Horizontal	Pontos Notáveis da Geometria Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)					
-4.582	192.362	-66.67	-4.682	192.462	100.00	-6.053	193.833	100.00	-3.832	192.862	-2.00	-3.500	192.869	-2.00	0+000.000	PCV		3.832	192.862	-2.00	4.582	192.362	-66.67	4.682	192.462	100.00	5.221	193.001	100.00								
-4.582	191.521	-66.67	-4.682	191.621	100.00	-5.776	192.715	100.00	-3.832	192.021	-2.00	-3.500	192.027	-3.31	0+020.000	PTV		3.832	192.215	-2.00	4.582	191.715	-66.67	4.682	191.815	100.00	5.197	192.330	100.00								
-4.582	191.260	-66.67	-4.682	191.360	100.00	-5.348	192.026	100.00	-3.832	191.760	-2.00	-3.500	191.766	-3.71	0+040.000			3.832	191.952	-2.00																	
-4.582	191.266	-66.67	-4.682	191.366	100.00	-5.176	191.860	100.00	-3.832	191.766	-2.00	-3.500	191.772	-3.56	0+060.000			3.832	191.941	-2.00																	
-4.582	191.272	-66.67	-4.682	191.372	100.00	-4.981	191.671	100.00	-3.832	191.772	-2.00	-3.500	191.779	-3.41	0+080.000			3.832	191.931	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-4.152	191.565	-66.67	-3.832	191.778	-2.00	-3.500	191.785	-3.26	0+100.000			3.832	191.920	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.855	191.769	-66.67	-3.832	191.784	-2.00	-3.500	191.791	-3.11	0+120.000			3.832	191.909	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-6.180	192.889	100.00	-3.832	191.791	-2.00	-3.500	191.797	-2.96	0+140.000			3.832	191.899	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-4.341	191.458	-66.67	-3.832	191.797	-2.00	-3.500	191.803	-2.81	0+160.000	PCV		3.832	191.888	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.951	191.728	-66.67	-3.832	191.807	-2.00	-3.500	191.814	-2.66	0+180.000			3.832	191.881	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.836	191.898	-66.67	-3.832	191.901	-2.00	-3.500	191.908	-2.51	0+200.000			3.832	191.959	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.936	192.043	-66.67	-3.832	192.112	-2.00	-3.500	192.119	-2.36	0+220.000			3.832	192.153	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.890	192.401	-66.67	-3.832	192.440	-2.00	-3.500	192.446	-2.21	0+240.000			3.832	192.464	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.840	192.878	-66.67	-3.832	192.883	-2.00	-3.500	192.890	-2.06	0+260.000	PTV		3.832	192.890	-2.00	4.582	192.390	-66.67	4.682	192.490	100.00	5.341	192.051	-66.67								
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.988	193.340	-66.67	-3.832	193.444	-2.00	-3.500	193.450	-1.83	0+280.000	PCV		3.832	193.572	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-5.203	194.166	100.00	-3.832	194.045	-2.00	-3.500	194.051	-1.54	0+300.000	PTV		3.832	194.153	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.927	194.968	-66.67	-3.832	195.031	-2.00	-3.500	195.038	-1.25	0+320.000	PCV		3.832	195.119	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-4.054	195.811	-66.67	-3.832	195.959	-2.00	-3.500	195.966	-0.96	0+340.000			3.832	196.026	-2.00																	
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.892	196.325	-66.67	-3.832	196.305	-2.00	-3.500	196.372	-0.67	0+360.000	PTV		3.832	196.412	-2.00	4.582	195.912	-66.67	4.682	196.012	100.00	5.457	195.557	-66.67								
-4.582	191.291	-66.67	-4.682	191.391	100.00	-3.960	196.168	-66.67	-3.832	196.254	-2.00	-3.500	196.261	-0.38	0+380.000																						