

DETALHE "A"

01

DETALHE "B"

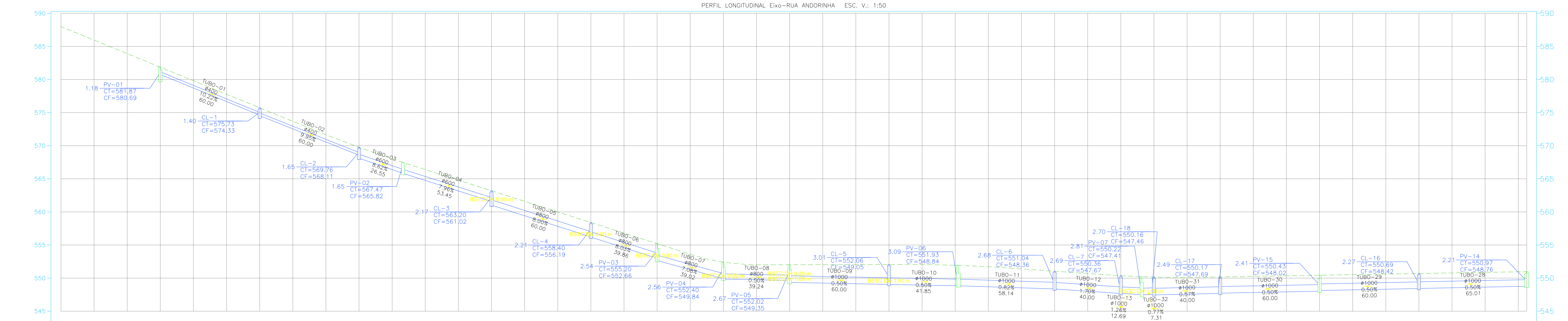
Matrícula nº 15.240
MUNICÍPIO DE ARARUNA

02
DETALHE "C"

DETALHE "D"

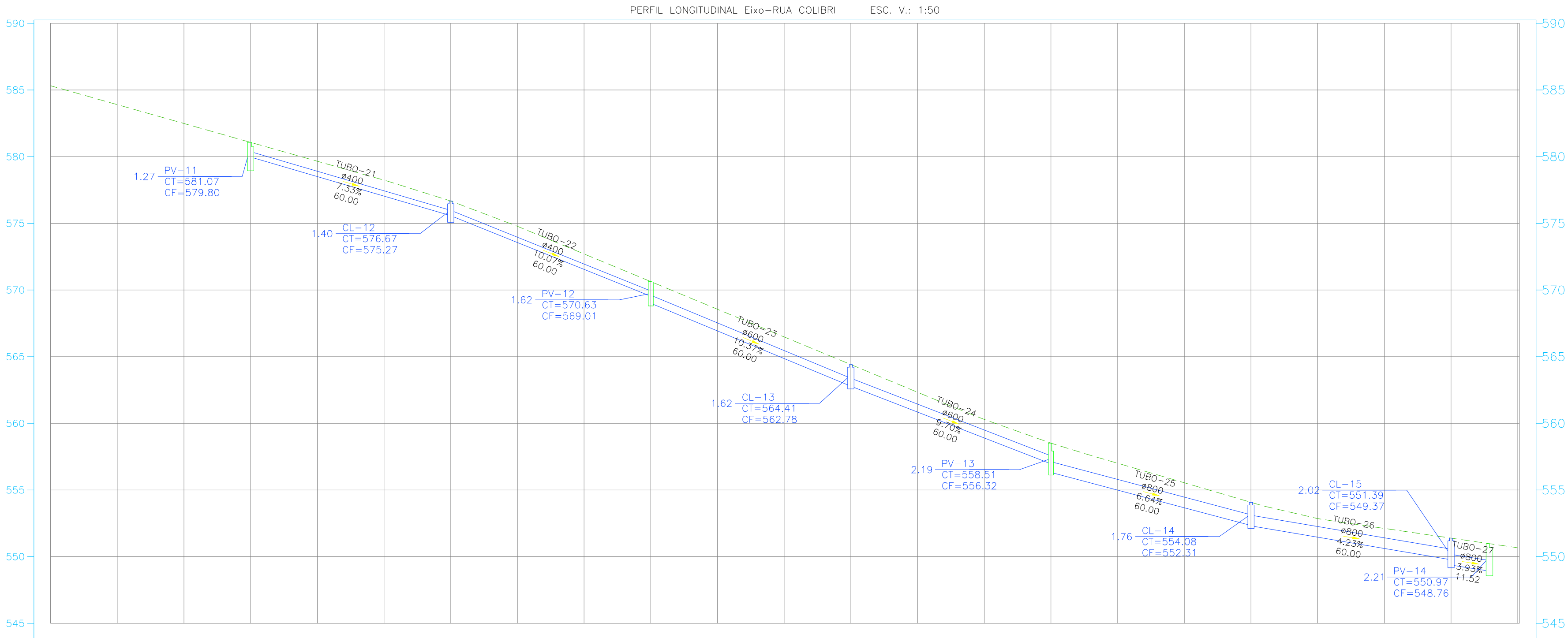
Vila Rural I
Sol Nascente

PROJETO EXECUTIVO DE ENGENHARIA			
AUTORIA DO PROJETO:		CONTRATANTE:	
AUTOR DO PROJETO: CONSELHO Nº 141864/D		CONTRATANTE: PREFEITURA MUNICIPAL DE ARARUNA CNPJ: 17.359.760/0001-89	
DATA: 26/09/2025		ESCALA: 1:1100	
TÍTULO DOS DESENHOS: - DRENAGEM DETALHES			PRANCHA: 01/05
DIREITOS AUTORAIS RESERVADOS; PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEN EXPRESSA DO AUTOR.			



EXTEN.(m) DIAM.(mm) DECL.(%)		60.31 400 10.22%	60.30 400 9.95%	26.65 600 8.62%	53.62 600 7.96%	60.19 800 8.00%	39.99 800 8.03%	39.12 800 7.08%	39.24 800 0.50%	60.00 1000 0.50%	41.85 1000 0.50%	58.14 1000 0.82%	40.01 1000 1.70%	12.69 1000 1.26%	7.31 1000 0.57%	60.00 1000 0.50%	60.00 1000 0.50%	65.01 1000 0.50%
TOPO FUNDO	581.865 580.687	575.730 574.330	569.763 568.113	567.474 565.825	563.197 561.022	558.398 556.188	555.199 552.657	552.403 549.843	552.022 549.347	552.056 549.047	551.927 548.838	551.039 548.355	550.364 547.673	550.220 550.162	550.173 547.688	550.433 548.020	550.603 548.423	550.973 548.765
PROF.	1.18	1.40	1.65	1.65	2.17	2.21	2.54	2.56	2.67	3.01	3.03	2.68	2.69	2.81	2.49	2.41	2.27	2.21
IDENTIF.	PV-01	CL-1	CL-2	PV-02	CL-3	CL-4	PV-03	PV-04	PV-05	CL-5	PV-06	CL-6	CL-7	CL-8	CL-9	PV-10	CL-11	PV-12
ESTACA	???	???	???	???	???	???	???	???	???	???	???	???	???	???	???	???	???	???

PERFIL LONGITUDINAL - ESCALA 1:1200



EXTEN.(m) DIAM.(mm) DECL.(%)		60.16 400 7.33%	60.30 400 10.07%	60.32 600 10.37%	60.28 800 9.70%	60.13 800 6.64%	60.05 800 4.23%	11.52 800 3.93%
TOPO FUNDO	581.072 579.799	576.634 575.274	570.630 569.007	564.407 562.783	558.514 556.322	554.076 552.310	551.350 549.370	550.973 548.765
PROF.	1.27	1.40	1.62	1.62	2.19	1.76	2.02	2.21
IDENTIF.	PV-11	CL-12	PV-12	CL-13	PV-13	CL-14	CL-15	PV-14
ESTACA	???	???	???	???	???	???	???	???

PERFIL LONGITUDINAL - ESCALA 1:1000

PROJETO EXECUTIVO DE ENGENHARIA

AUTORIA DO PROJETO:

AUTOR DO PROJETO:

Alma Evelyn Ferreira Gloor

CONSELHO NÚMERO: CREA-PR 141884/D

CONTRATANTE: Prefeitura Municipal de Araruna
75.359.760/0001-89

DATA: 26/09/2025

ESCALA: 1:500

TÍTULO DOS DESENHOS:
- PERFIL LONGITUDINAL

PRANCHA:
03/05

DIREITOS AUTORAIS RESERVADOS; PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM
ORDEN EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:
DRE-VILA RURAL 1-REV01

TABELA DE ESTRUTURAS DA REDE REDE–VILA RURAL			
NOME	COTAS	PROFUNDIDADE (m)	COORDENADAS
BL-1	CT= 581.03 CF= 579.03	2.00	N:7353072.5465 E:349851.2417
BL-2	CT= 581.03 CF= 579.03	2.00	N:7353074.3680 E:349845.5244
BL-3	CT= 576.64 CF= 575.54	1.10	N:7353131.3110 E:349864.4598
BL-4	CT= 576.63 CF= 575.53	1.10	N:7353129.5687 E:349870.2034
BL-5	CT= 570.52 CF= 569.42	1.10	N:7353189.1039 E:349883.6778
BL-6	CT= 570.61 CF= 569.51	1.10	N:7353186.4608 E:349889.1219
BL-7	CT= 564.25 CF= 563.15	1.10	N:7353246.4602 E:349902.7506
BL-8	CT= 564.36 CF= 563.26	1.10	N:7353243.6301 E:349908.1326
BL-9	CT= 558.48 CF= 557.38	1.10	N:7353300.3670 E:349926.9994
BL-10	CT= 558.47 CF= 557.37	1.10	N:7353302.3225 E:349921.3267
BL-11	CT= 553.98 CF= 552.88	1.10	N:7353359.7597 E:349940.4264
BL-12	CT= 554.03 CF= 552.93	1.10	N:7353357.2815 E:349945.9254
BL-13	CT= 551.33 CF= 550.23	1.10	N:7353414.2473 E:349964.8683
BL-14	CT= 551.29 CF= 550.19	1.10	N:7353416.9280 E:349959.4367
BL-15	CT= 550.60 CF= 549.50	1.10	N:7353443.0537 E:349903.0271
BL-16	CT= 550.60 CF= 549.50	1.10	N:7353437.2429 E:349901.5057
BL-17	CT= 550.34 CF= 549.24	1.10	N:7353455.5068 E:349844.2725
BL-18	CT= 550.34 CF= 549.24	1.10	N:7353449.6584 E:349842.9282
BL-19	CT= 550.08 CF= 548.98	1.10	N:7353467.9158 E:349785.7255
BL-20	CT= 550.08 CF= 548.98	1.10	N:7353462.0991 E:349784.2321

TABELA DE ESTRUTURAS DA REDE REDE–VILA RURAL			
NOME	COTAS	PROFUNDIDADE (m)	COORDENADAS
BL-61	CT= 555.15 CF= 554.05	1.10	N:7353543.5568 E:349481.0764
BL-62	CT= 552.31 CF= 551.21	1.10	N:7353573.3490 E:349507.1443
BL-63	CT= 552.31 CF= 551.21	1.10	N:7353567.8496 E:349509.5435
CL-1	CT= 575.73 CF= 574.33	1.40	N:7353316.2120 E:349410.7392
CL-2	CT= 569.76 CF= 568.11	1.65	N:7353371.4435 E:349434.1801
CL-3	CT= 563.20 CF= 561.02	2.17	N:7353448.1013 E:349455.9636
CL-4	CT= 558.40 CF= 556.19	2.21	N:7353506.7180 E:349468.7730
CL-5	CT= 552.06 CF= 549.05	3.01	N:7353531.3027 E:349597.7067
CL-6	CT= 551.04 CF= 548.36	2.68	N:7353491.0920 E:349688.4503
CL-7	CT= 550.36 CF= 547.67	2.69	N:7353478.7566 E:349726.5007
CL-8	CT= 578.53 CF= 577.13	1.40	N:7353222.9235 E:349633.2592
CL-9	CT= 573.14 CF= 571.52	1.62	N:7353278.2811 E:349656.4007
CL-10	CT= 565.48 CF= 563.36	2.12	N:7353352.0914 E:349687.2560
CL-11	CT= 550.85 CF= 547.30	3.55	N:7353462.8067 E:349733.5390
CL-12	CT= 576.67 CF= 575.27	1.40	N:7353131.0647 E:349867.5394
CL-13	CT= 564.41 CF= 562.78	1.62	N:7353244.9340 E:349905.4046
CL-14	CT= 554.08 CF= 552.31	1.76	N:7353358.8034 E:349943.2699
CL-15	CT= 551.39 CF= 549.37	2.02	N:7353415.7380 E:349962.2025
CL-16	CT= 550.69 CF= 548.42	2.27	N:7353440.1526 E:349902.2463
CL-17	CT= 550.17 CF= 547.69	2.49	N:7353465.0339 E:349784.8541

TABELA DE ESTRUTURAS DA REDE REDE–VILA RURAL			
NOME	COTAS	PROFUNDIDADE (m)	COORDENADAS
BL-21	CT= 550.07 CF= 548.97	1.10	N:7353476.2420 E:349746.4419
BL-22	CT= 550.19 CF= 549.08	1.10	N:7353470.3928 E:349745.1014
BL-23	CT= 550.13 CF= 549.03	1.10	N:7353477.7459 E:349739.3466
BL-24	CT= 550.27 CF= 549.17	1.10	N:7353481.5690 E:349727.5536
BL-25	CT= 550.27 CF= 549.17	1.10	N:7353475.9028 E:349725.5756
BL-26	CT= 550.95 CF= 549.85	1.10	N:7353493.9745 E:349689.2870
BL-27	CT= 550.95 CF= 549.85	1.10	N:7353488.2982 E:349687.3402
BL-28	CT= 551.84 CF= 550.74	1.10	N:7353511.7970 E:349634.4352
BL-29	CT= 551.84 CF= 550.74	1.10	N:7353506.3199 E:349631.8739
BL-30	CT= 551.97 CF= 550.87	1.10	N:7353533.6902 E:349599.5455
BL-31	CT= 551.97 CF= 550.87	1.10	N:7353528.7630 E:349596.1098
BL-32	CT= 551.93 CF= 550.83	1.10	N:7353565.5904 E:349548.8134
BL-33	CT= 551.93 CF= 550.83	1.10	N:7353560.3020 E:349545.9521
BL-34	CT= 558.28 CF= 557.18	1.10	N:7353506.3668 E:349471.7670
BL-35	CT= 558.33 CF= 557.23	1.10	N:7353507.1131 E:349465.7885
BL-36	CT= 563.11 CF= 562.01	1.10	N:7353447.3988 E:349458.8809
BL-37	CT= 563.11 CF= 562.01	1.10	N:7353448.6798 E:349453.0192
BL-38	CT= 567.39 CF= 566.29	1.10	N:7353394.9042 E:349447.4027
BL-39	CT= 567.38 CF= 566.28	1.10	N:7353396.8036 E:349441.6607
BL-40	CT= 569.69 CF= 568.59	1.10	N:7353370.1450 E:349436.8880

TABELA DE ESTRUTURAS DA REDE REDE–VILA RURAL			
NOME	COTAS	PROFUNDIDADE (m)	COORDENADAS
CL-18	CT= 550.16 CF= 547.46	2.70	N:7353473.3276 E:349745.7234
DISSIPADOR	CT= 549.04 CF= ???	0.00	N:7353514.6243 E:349755.2761
PV-01	CT= 581.87 CF= 580.69	1.18	N:7353260.9804 E:349387.2983
PV-02	CT= 567.47 CF= 565.82	1.65	N:7353395.8895 E:349444.5317
PV-03	CT= 555.20 CF= 552.66	2.54	N:7353545.3449 E:349478.6106
PV-04	CT= 552.40 CF= 549.84	2.56	N:7353570.6033 E:349508.3531
PV-05	CT= 552.02 CF= 549.35	2.67	N:7353563.1775 E:349546.8792
PV-06	CT= 551.93 CF= 548.84	3.09	N:7353509.0584 E:349633.1546
PV-07	CT= 550.22 CF= 547.41	2.81	N:7353474.8436 E:349738.5709
PV-08	CT= 583.87 CF= 582.65	1.22	N:7353167.5658 E:349610.1177
PV-09	CT= 571.34 CF= 569.72	1.62	N:7353296.7337 E:349664.1146
PV-10	CT= 558.75 CF= 555.68	3.08	N:7353407.4490 E:349710.3975
PV-11	CT= 581.07 CF= 579.80	1.27	N:7353074.1301 E:349848.6068
PV-12	CT= 570.63 CF= 569.01	1.62	N:7353187.9994 E:349886.4720
PV-13	CT= 558.51 CF= 556.32	2.19	N:7353301.8687 E:349924.3373
PV-14	CT= 550.97 CF= 548.76	2.21	N:7353426.6740 E:349965.8391
PV-15	CT= 550.43 CF= 548.02	2.41	N:7353452.5932 E:349843.5502

TABELA DE ESTRUTURAS DA REDE REDE–VILA RURAL			
NOME	COTAS	PROFUNDIDADE (m)	COORDENADAS
BL-41	CT= 569.67 CF= 568.57	1.10	N:7353372.6156 E:349431.4185
BL-42	CT= 575.68 CF= 574.58	1.10	N:7353314.6890 E:349413.3518
BL-43	CT= 575.64 CF= 574.54	1.10	N:7353317.3840 E:349407.9776
BL-44	CT= 581.82 CF= 580.72	1.10	N:7353259.4327 E:349389.9004
BL-45	CT= 581.88 CF= 580.78	1.10	N:7353261.2375 E:349384.1483
BL-46	CT= 583.82 CF= 582.72	1.10	N:7353166.0569 E:349612.7386
BL-47	CT= 583.78 CF= 582.68	1.10	N:7353168.7229 E:349607.3499
BL-48	CT= 578.47 CF= 577.37	1.10	N:7353221.4994 E:349635.9155
BL-49	CT= 578.45 CF= 577.35	1.10	N:7353224.0805 E:349630.4913
BL-50	CT= 573.04 CF= 571.94	1.10	N:7353279.5325 E:349653.6723
BL-51	CT= 573.08 CF= 571.98	1.10	N:7353276.8102 E:349659.0374
BL-52	CT= 571.30 CF= 570.20	1.10	N:7353295.1073 E:349666.6863
BL-53	CT= 571.27 CF= 570.17	1.10	N:7353297.7027 E:349661.2681
BL-54	CT= 565.43 CF= 564.33	1.10	N:7353350.6201 E:349689.8926
BL-55	CT= 565.39 CF= 564.29	1.10	N:7353353.2484 E:349684.4882
BL-56	CT= 558.70 CF= 557.60	1.10	N:7353406.0336 E:349713.0574
BL-57	CT= 558.63 CF= 557.53	1.10	N:7353408.8797 E:349707.7440
BL-58	CT= 550.77 CF= 549.67	1.10	N:7353463.8992 E:349730.7442
BL-59	CT= 550.83 CF= 549.73	1.10	N:7353461.1698 E:349736.1063
BL-60	CT= 555.11 CF= 554.01	1.10	N:7353546.6581 E:349475.9133

PROJETO EXECUTIVO DE ENGENHARIA

AUTORIA DO PROJETO:

CONTRATANTE:

AUTOR DO PROJETO:
CONSELHO NÚMERO

Alma Evelyn Ferreira Gloor
CREA-PR 141864/D

CONTRATANTE:
CNPJ:

Prefeitura Municipal de Araruna
75.359.760/0001-99

DATA:
26/09/2025

ESCALA:
1:500

TÍTULO DOS DESENHOS:
- TABELAS DE QUANTIDADES

PRANCHA:
04/05

DIREITOS AUTORAIS RESERVADOS; PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM
ORDEN EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:
TABELAS DE QUANTIDADES
DRE-VILA RURAL 1-REV01

TABELA DE TUBOS DA REDE REDE-VILA RURAL					
TUBO	DN (m)	COMPRIMENTO (m)	DECLIVIDADE (%)	ESTRUTURA MONTANTE	ESTRUTURA JUSANTE
TUBO-01	0.40	60.000	10.22%	PV-01	CL-1
TUBO-02	0.40	60.000	9.95%	CL-1	CL-2
TUBO-03	0.60	26.547	8.62%	CL-2	PV-02
TUBO-04	0.60	53.449	7.96%	PV-02	CL-3
TUBO-05	0.80	60.000	8.00%	CL-3	CL-4
TUBO-06	0.80	39.860	8.03%	CL-4	PV-03
TUBO-07	0.80	39.021	7.08%	PV-03	PV-04
TUBO-08	0.80	39.235	0.50%	PV-04	PV-05
TUBO-09	1.00	59.995	0.50%	PV-05	CL-5
TUBO-10	1.00	41.849	0.50%	CL-5	PV-06
TUBO-11	1.00	58.141	0.82%	PV-06	CL-6
TUBO-12	1.00	40.000	1.70%	CL-6	CL-7
TUBO-13	1.00	12.689	1.26%	CL-7	PV-07
TUBO-14	0.40	60.000	8.90%	PV-08	CL-8
TUBO-15	0.40	60.000	8.99%	CL-8	CL-9
TUBO-16	0.60	20.000	8.99%	CL-9	PV-09
TUBO-17	0.60	60.000	9.77%	PV-09	CL-10
TUBO-18	0.80	60.000	11.03%	CL-10	PV-10
TUBO-19	0.80	60.000	12.59%	PV-10	CL-11
TUBO-20	0.80	13.046	0.50%	CL-11	PV-07

TABELA DE TUBOS DA REDE REDE-VILA RURAL					
TUBO	DN (m)	COMPRIMENTO (m)	DECLIVIDADE (%)	ESTRUTURA MONTANTE	ESTRUTURA JUSANTE
TUBO-61	0.40	3.023	1.00%	BL-29	PV-06
TUBO-62	0.40	3.014	1.00%	BL-30	CL-5
TUBO-63	0.40	3.000	1.00%	BL-31	CL-5
TUBO-64	0.40	3.092	1.00%	BL-32	PV-05
TUBO-65	0.40	3.021	1.00%	BL-33	PV-05
TUBO-66	0.40	3.015	1.00%	BL-34	CL-4
TUBO-67	0.40	3.010	1.00%	BL-35	CL-4
TUBO-68	0.40	3.001	1.00%	BL-36	CL-3
TUBO-69	0.40	3.001	1.00%	BL-37	CL-3
TUBO-70	0.40	3.035	1.00%	BL-38	PV-02
TUBO-71	0.40	3.013	1.00%	BL-39	PV-02
TUBO-72	0.40	3.003	1.00%	BL-40	CL-2
TUBO-73	0.40	3.000	1.00%	BL-41	CL-2
TUBO-74	0.40	3.024	1.00%	BL-42	CL-1
TUBO-75	0.40	3.000	1.00%	BL-43	CL-1
TUBO-76	0.40	3.028	1.00%	BL-44	PV-01
TUBO-77	0.40	3.160	1.00%	BL-45	PV-01
TUBO-78	0.40	3.024	1.00%	BL-46	PV-08
TUBO-79	0.40	3.000	1.00%	BL-47	PV-08
TUBO-80	0.40	3.014	1.00%	BL-48	CL-8

TABELA DE TUBOS DA REDE REDE-VILA RURAL					
TUBO	DN (m)	COMPRIMENTO (m)	DECLIVIDADE (%)	ESTRUTURA MONTANTE	ESTRUTURA JUSANTE
TUBO-21	0.40	60.000	7.33%	PV-11	CL-12
TUBO-22	0.40	60.000	10.07%	CL-12	PV-12
TUBO-23	0.60	60.000	10.37%	PV-12	CL-13
TUBO-24	0.60	60.000	9.70%	CL-13	PV-13
TUBO-25	0.80	60.000	6.64%	PV-13	CL-14
TUBO-26	0.80	60.000	4.23%	CL-14	CL-15
TUBO-27	0.80	11.525	3.93%	CL-15	PV-14
TUBO-28	1.00	65.005	0.50%	PV-14	CL-16
TUBO-29	1.00	60.000	0.50%	CL-16	PV-15
TUBO-30	1.00	60.000	0.50%	PV-15	CL-17
TUBO-31	1.00	40.000	0.57%	CL-17	CL-18
TUBO-32	1.00	7.311	0.77%	CL-18	PV-07
TUBO-33	0.40	3.074	1.00%	BL-1	PV-11
TUBO-34	0.40	3.092	1.00%	BL-2	PV-11
TUBO-35	0.40	3.089	1.00%	BL-3	CL-12
TUBO-36	0.40	3.055	1.00%	BL-4	CL-12
TUBO-37	0.40	3.005	1.00%	BL-5	PV-12
TUBO-38	0.40	3.064	1.00%	BL-6	PV-12
TUBO-39	0.40	3.062	1.00%	BL-7	CL-13
TUBO-40	0.40	3.024	1.00%	BL-8	CL-13

TABELA DE TUBOS DA REDE REDE-VILA RURAL					
TUBO	DN (m)	COMPRIMENTO (m)	DECLIVIDADE (%)	ESTRUTURA MONTANTE	ESTRUTURA JUSANTE
TUBO-81	0.40	3.000	1.00%	BL-49	CL-8
TUBO-82	0.40	3.002	1.00%	BL-50	CL-9
TUBO-83	0.40	3.019	1.00%	BL-51	CL-9
TUBO-84	0.40	3.043	1.00%	BL-52	PV-09
TUBO-85	0.40	3.007	1.00%	BL-53	PV-09
TUBO-86	0.40	3.019	1.00%	BL-54	CL-10
TUBO-87	0.40	3.000	1.00%	BL-55	CL-10
TUBO-88	0.40	3.013	1.00%	BL-56	PV-10
TUBO-89	0.40	3.015	1.00%	BL-57	PV-10
TUBO-90	0.40	3.001	1.00%	BL-58	CL-11
TUBO-91	0.40	3.045	1.00%	BL-59	CL-11
TUBO-92	0.40	3.000	1.00%	BL-60	PV-03
TUBO-93	0.40	3.046	1.00%	BL-61	PV-03
TUBO-94	0.40	3.000	1.00%	BL-62	PV-04
TUBO-95	0.40	3.000	1.00%	BL-63	PV-04
TUBO-96	1.20	43.146	0.50%	PV-07	DISSIPADOR

TABELA DE TUBOS DA REDE REDE-VILA RURAL					
TUBO	DN (m)	COMPRIMENTO (m)	DECLIVIDADE (%)	ESTRUTURA MONTANTE	ESTRUTURA JUSANTE
TUBO-41	0.40	3.056	1.00%	BL-9	PV-13
TUBO-42	0.40	3.045	1.00%	BL-10	PV-13
TUBO-43	0.40	3.000	1.00%	BL-11	CL-14
TUBO-44	0.40	3.061	1.00%	BL-12	CL-14
TUBO-45	0.40	3.054	1.00%	BL-13	CL-15
TUBO-46	0.40	3.011	1.00%	BL-14	CL-15
TUBO-47	0.40	3.004	1.00%	BL-15	CL-16
TUBO-48	0.40	3.002	1.00%	BL-16	CL-16
TUBO-49	0.40	3.002	1.00%	BL-17	PV-15
TUBO-50	0.40	3.000	1.00%	BL-18	PV-15
TUBO-51	0.40	3.011	1.00%	BL-19	CL-17
TUBO-52	0.40	3.000	1.00%	BL-20	CL-17
TUBO-53	0.40	3.002	1.00%	BL-21	CL-18
TUBO-54	0.40	3.000	1.00%	BL-22	CL-18
TUBO-55	0.40	3.004	1.00%	BL-23	PV-07
TUBO-56	0.40	3.003	1.00%	BL-24	CL-7
TUBO-57	0.40	3.000	1.00%	BL-25	CL-7
TUBO-58	0.40	3.001	1.00%	BL-26	CL-6
TUBO-59	0.40	3.006	1.00%	BL-27	CL-6
TUBO-60	0.40	3.023	1.00%	BL-28	PV-06

PROJETO EXECUTIVO DE ENGENHARIA

AUTORIA DO PROJETO:		CONTRATANTE:	
AUTOR DO PROJETO: CONSELHO NÚMERO:		CONTRATANTE: CNPJ:	
Alma Evelyn Ferreira Gloor CREA-PR 141864/D		Prefeitura Municipal de Araruna 75.359.760/0001-69	
DATA: 26/09/2025	ESCALA: 1:500		
TÍTULO DOS DESENHOS: - TABELAS DE QUANTIDADES		PRINCHA: 05/05	
DIREITOS AUTORAIS RESERVADOS; PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM ESCRITA DO AUTOR.		TÍTULO DOS DESENHOS: DRE-VILA RURAL 1_REV01	