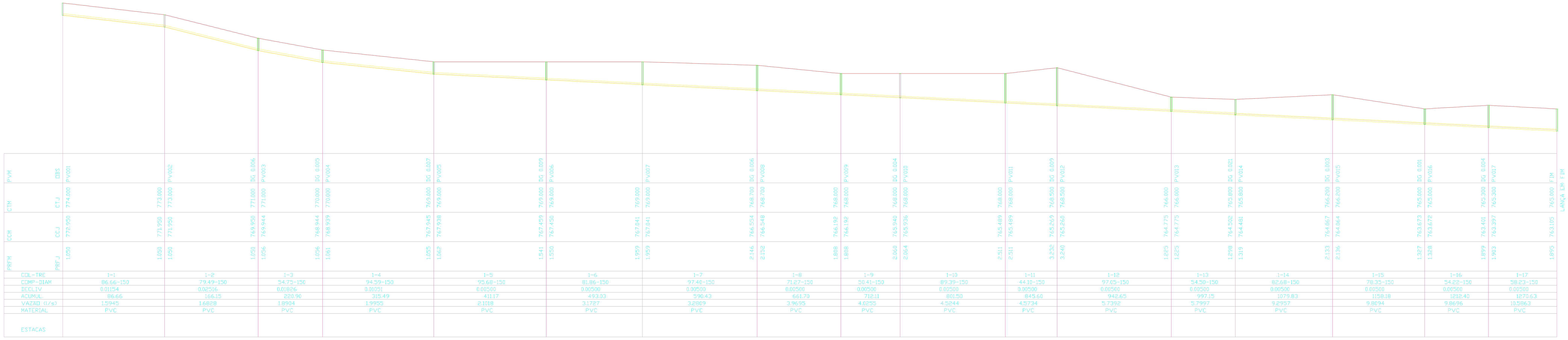
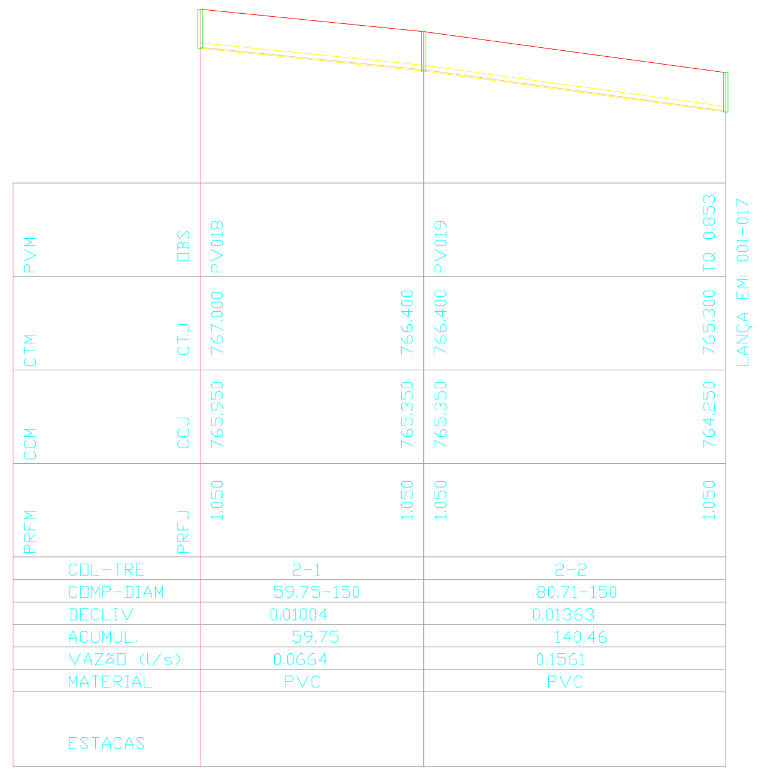


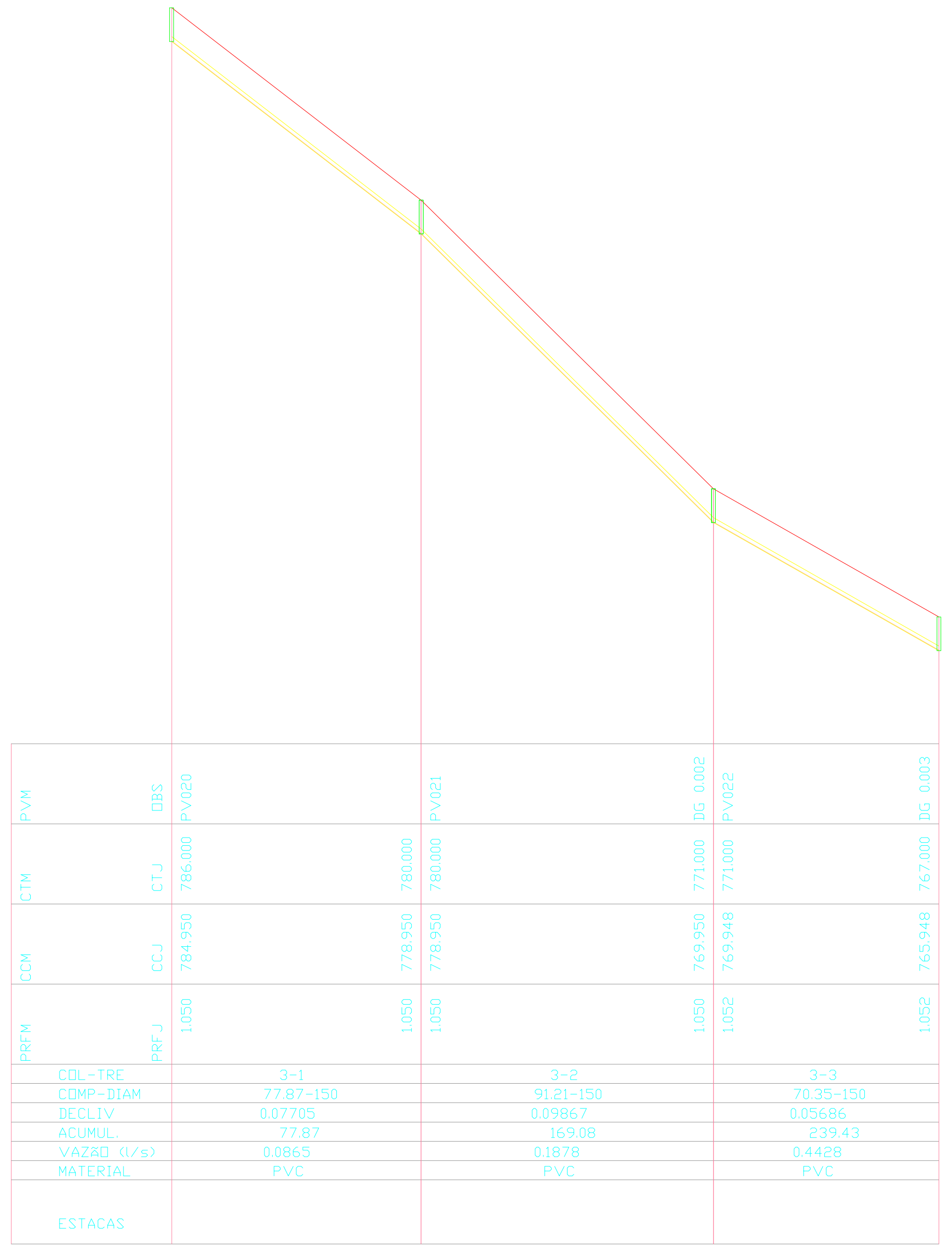
COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
1-1	PV001		774.000	773.000	772.950	771.950	1.050	1.050	86.66-150	0.01154	86.66	1.5945	PVC	
1-2	PV002	DG 0.006	773.000	771.000	771.950	769.950	1.050	1.050	79.49-150	0.02516	166.15	1.6828	PVC	
1-3	PV003	DG 0.005	771.000	770.000	769.944	768.944	1.056	1.056	54.75-150	0.01826	220.90	1.8904	PVC	
1-4	PV004	DG 0.007	770.000	769.000	768.939	767.945	1.061	1.055	94.59-150	0.01051	315.49	1.9955	PVC	
1-5	PV005	DG 0.009	769.000	769.000	767.938	767.459	1.062	1.541	95.68-150	0.00500	411.17	2.1018	PVC	
1-6	PV006		769.000	769.000	767.450	767.041	1.550	1.959	81.86-150	0.00500	493.03	3.1727	PVC	
1-7	PV007	DG 0.006	769.000	768.700	767.041	766.554	1.959	2.146	97.40-150	0.00500	590.43	3.2809	PVC	
1-8	PV008		768.700	768.000	766.548	766.192	2.152	1.808	71.27-150	0.00500	661.70	3.9695	PVC	
1-9	PV009	DG 0.004	768.000	768.000	766.192	765.940	1.808	2.060	50.41-150	0.00500	712.11	4.0255	PVC	
1-10	PV010		768.000	768.000	765.936	765.489	2.064	2.511	89.39-150	0.00500	801.50	4.5244	PVC	
1-11	PV011	DG 0.009	768.000	768.500	765.489	765.269	2.511	3.232	44.10-150	0.00500	845.60	4.5734	PVC	
1-12	PV012		768.500	766.000	765.260	764.775	3.240	1.225	97.05-150	0.00500	942.65	5.7392	PVC	
1-13	PV013	DG 0.021	766.000	765.800	764.775	764.502	1.225	1.298	54.50-150	0.00500	997.15	5.7997	PVC	
1-14	PV014	DG 0.003	765.800	766.200	764.481	764.067	1.319	2.133	82.68-150	0.00500	1079.83	9.2957	PVC	
1-15	PV015	DG 0.001	766.200	765.000	764.064	763.673	2.136	1.327	78.35-150	0.00500	1158.18	9.8094	PVC	
1-16	PV016	DG 0.004	765.000	765.300	763.672	763.401	1.328	1.899	54.22-150	0.00500	1212.40	9.8696	PVC	
1-17	PV017	FIM	765.300	765.000	763.397	763.105	1.903	1.895	58.23-150	0.00500	1270.63	10.5863	PVC	

LANÇA EM: FIM

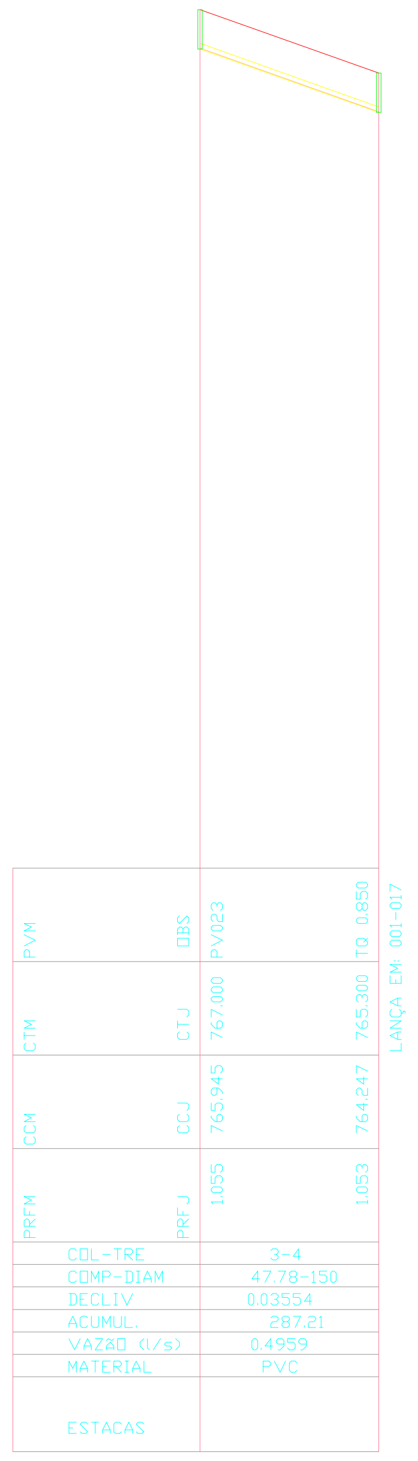


COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
2-1	PV018		767.000	766.400	765.950	765.350	1.050	1.050	59.75-150	0.01004	59.75	0.0664	PVC	
2-2	PV019	TQ 0.853	766.400	765.300	765.350	764.250	1.050	1.050	80.71-150	0.01363	140.46	0.1561	PVC	

LANÇA EM: 001-017

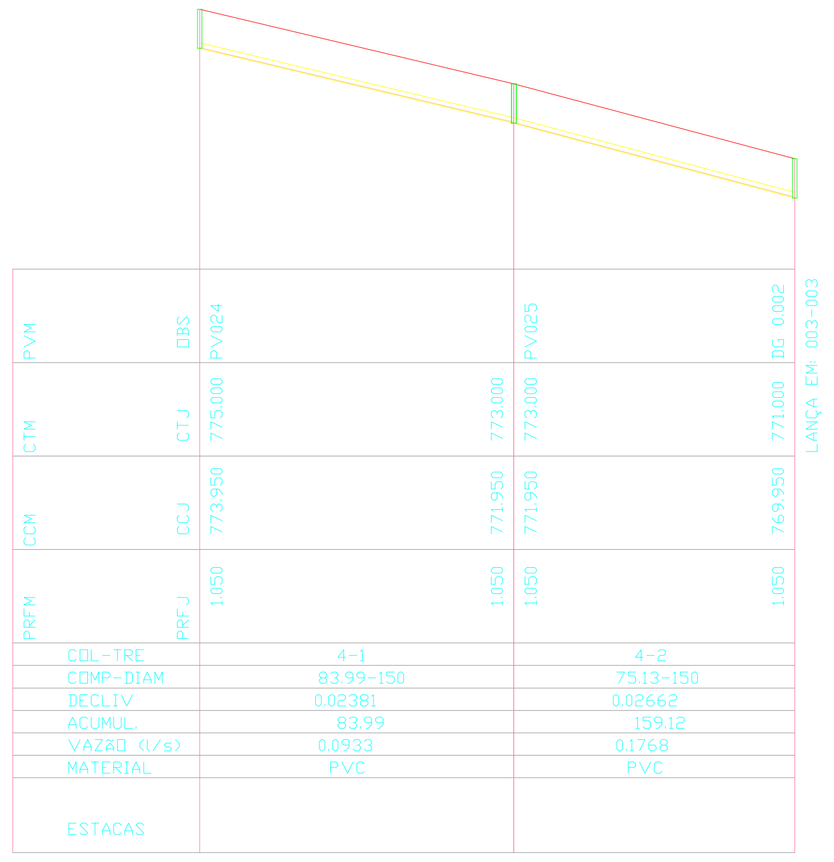


COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
3-1	PV020		786.000	780.000	784.950	778.950	1.050	1.050	77.87-150	0.07705	77.87	0.0865	PVC	
3-2	PV021	DG 0.002	780.000	771.000	778.950	769.950	1.050	1.050	91.21-150	0.09867	169.08	0.1878	PVC	
3-3	PV022	DG 0.003	771.000	767.000	769.948	765.948	1.052	1.052	70.35-150	0.05686	239.43	0.4428	PVC	



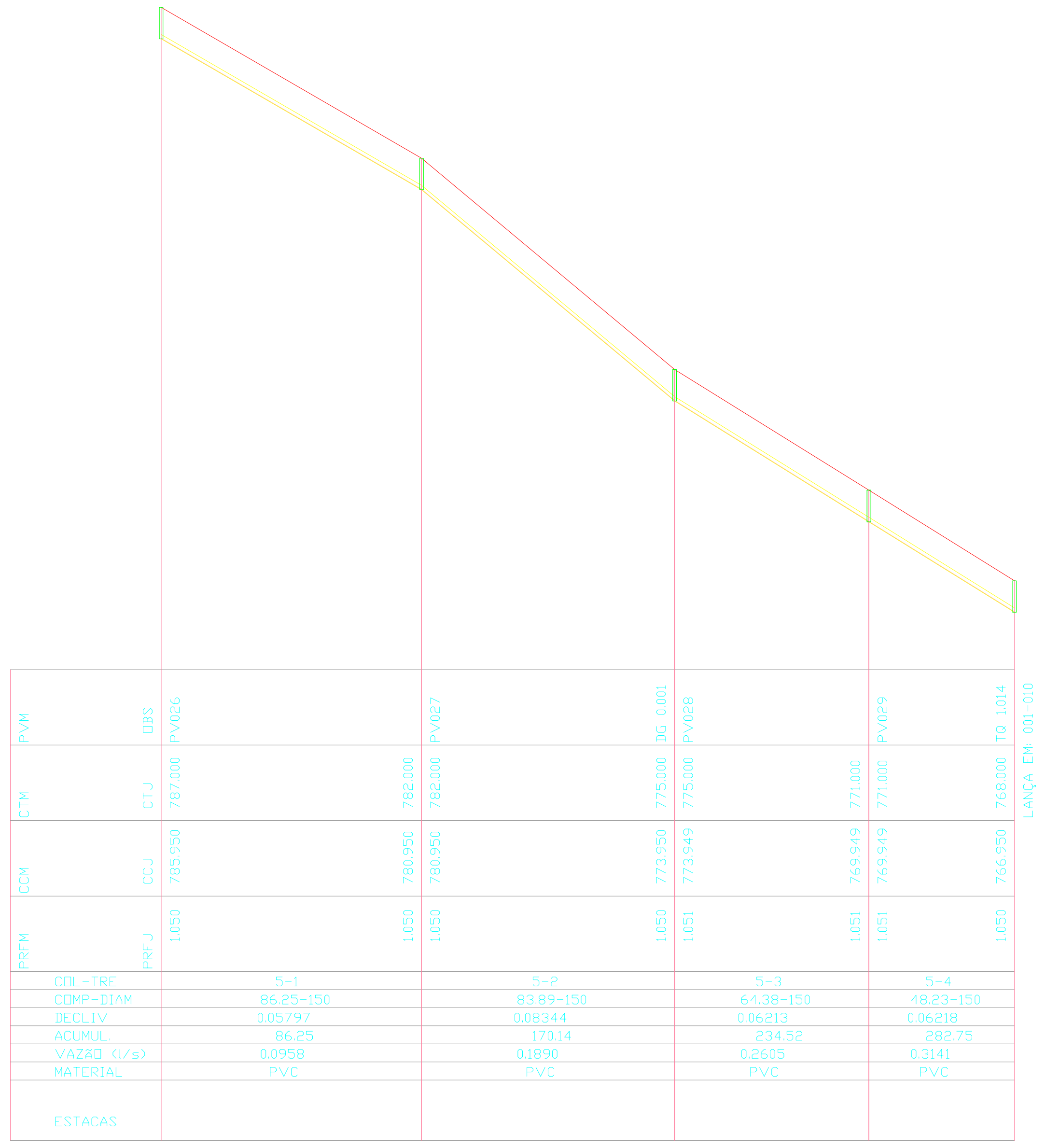
COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
3-4	PV023	TQ 0.850	767.000	765.300	765.945	764.247	1.055	1.053	47.78-150	0.03554	287.21	0.4959	PVC	

LANÇA EM: 001-017



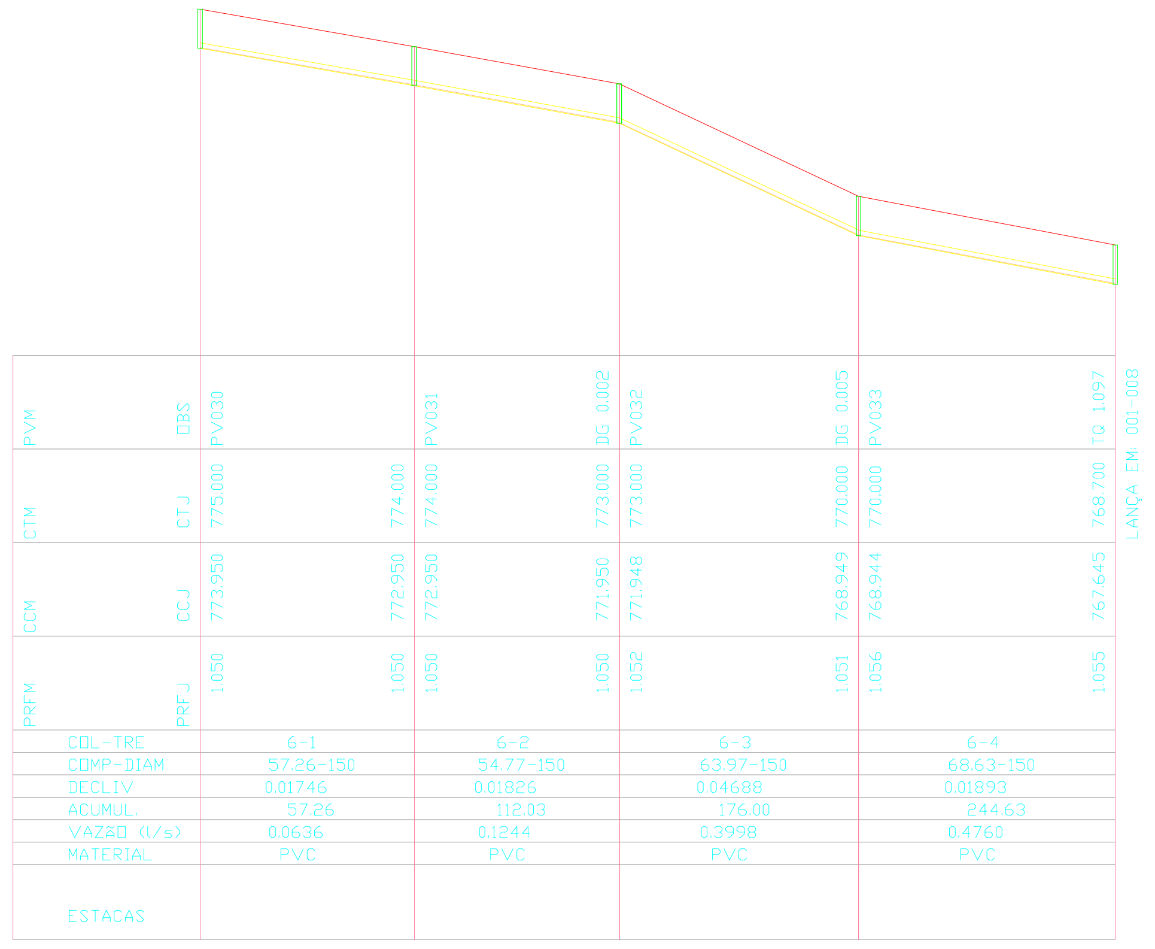
COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
4-1	PV024		775.000	773.000	773.950	771.950	1.050	1.050	83.99-150	0.02381	83.99	0.0933	PVC	
4-2	PV025	DG 0.002	773.000	771.000	771.950	769.950	1.050	1.050	75.13-150	0.02662	159.12	0.1768	PVC	

LANÇA EM: 003-003



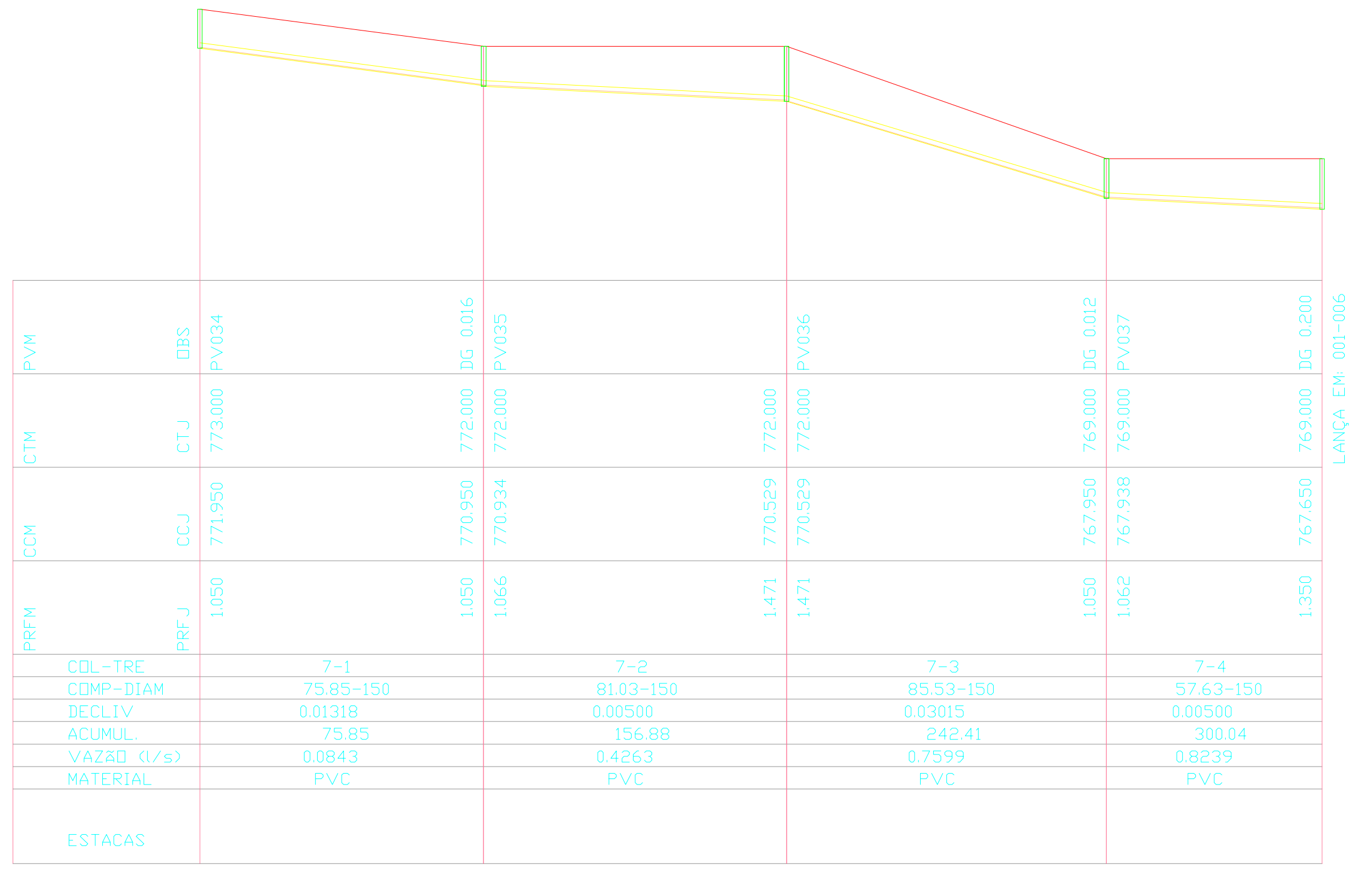
COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
5-1	PV026		787.000	782.000	785.950	780.950	1.050	1.050	86.25-150	0.05797	86.25	0.0958	PVC	
5-2	PV027	DG 0.001	782.000	775.000	780.950	773.950	1.050	1.050	83.89-150	0.08344	170.14	0.1890	PVC	
5-3	PV028		775.000	771.000	773.949	769.949	1.051	1.051	64.38-150	0.06213	234.52	0.2605	PVC	
5-4	PV029	TQ 1.014	771.000	768.000	769.949	766.950	1.051	1.050	48.23-150	0.06218	282.75	0.3141	PVC	

LANÇA EM: 001-010



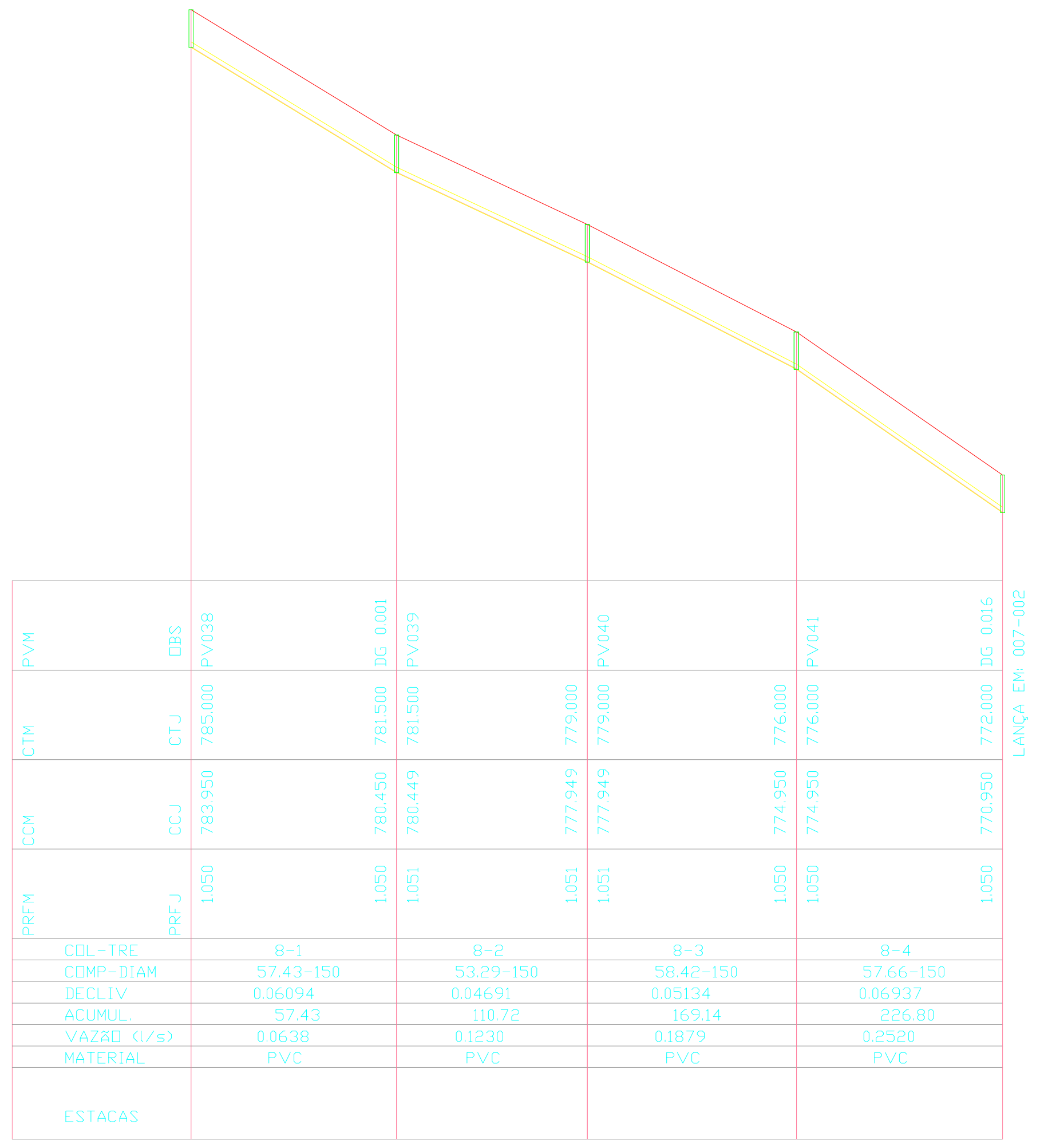
COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
6-1	PV030		775.000	774.000	773.950	772.950	1.050	1.050	57.26-150	0.01746	57.26	0.0636	PVC	
6-2	PV031	DG 0.002	774.000	773.000	772.950	771.950	1.050	1.050	54.77-150	0.01826	112.03	0.1244	PVC	
6-3	PV032	DG 0.005	773.000	770.000	771.948	768.949	1.052	1.051	63.97-150	0.04688	176.00	0.3998	PVC	
6-4	PV033	TQ 1.097	770.000	768.700	768.944	767.645	1.056	1.055	68.63-150	0.01893	244.63	0.4760	PVC	

LANÇA EM: 001-008



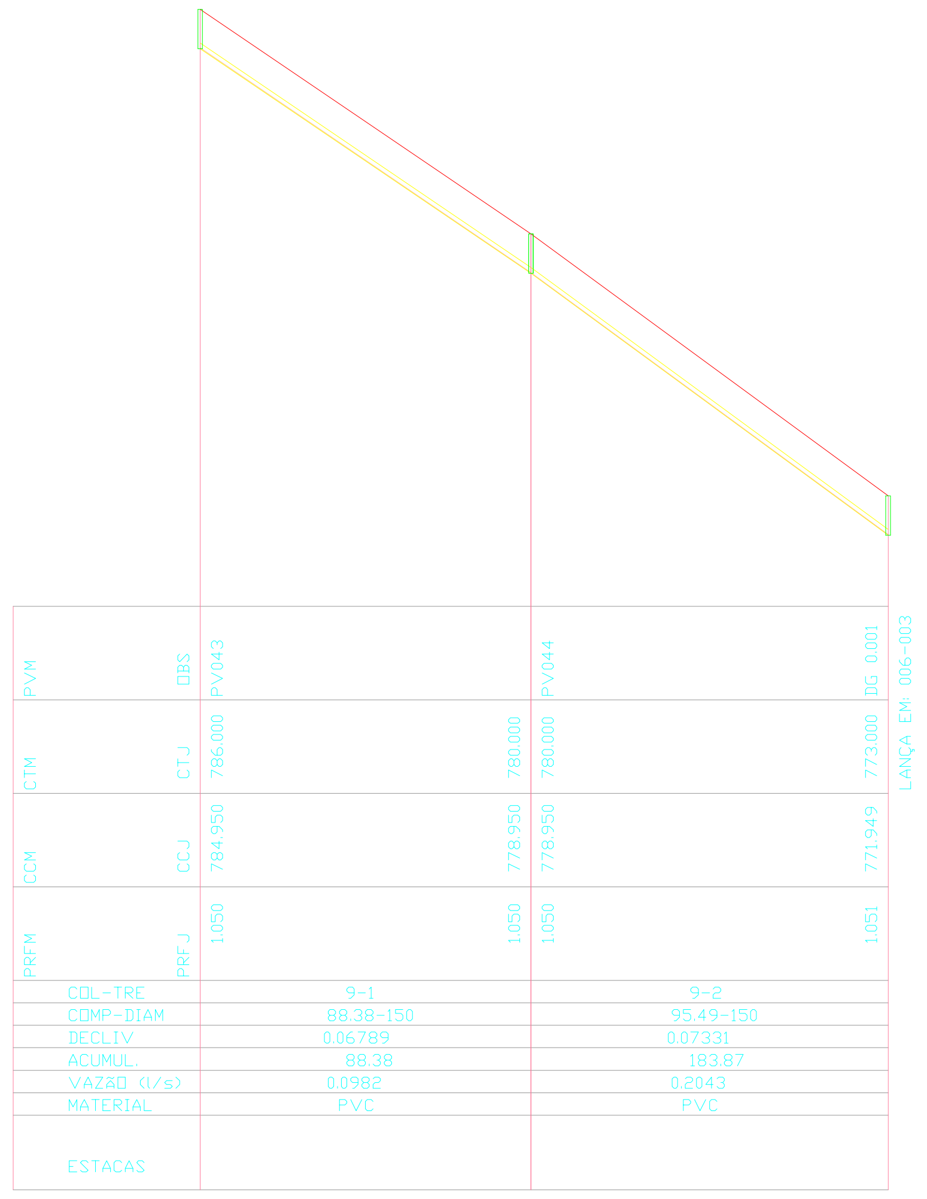
COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
7-1	PV034	DG 0.016	773.000	772.000	771.950	770.950	1.050	1.050	75.85-150	0.01318	75.85	0.0843	PVC	
7-2	PV035		772.000	772.000	770.934	770.529	1.066	1.471	81.03-150	0.00500	156.88	0.4263	PVC	
7-3	PV036	DG 0.012	772.000	769.000	770.529	767.950	1.471	1.050	85.53-150	0.03015	242.41	0.7599	PVC	
7-4	PV037	DG 0.200	769.000	769.000	767.938	767.650	1.062	1.350	57.63-150	0.00500	300.04	0.8239	PVC	

LANÇA EM: 001-006



COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
8-1	PV038	DG 0.001	785.000	781.500	783.950	780.450	1.050	1.050	57.43-150	0.06094	57.43	0.0638	PVC	
8-2	PV039		781.500	779.000	780.449	777.949	1.051	1.051	53.29-150	0.04691	110.72	0.1230	PVC	
8-3	PV040		779.000	776.000	777.949	774.950	1.051	1.050	58.42-150	0.05134	169.14	0.1879	PVC	
8-4	PV041	DG 0.016	776.000	772.000	774.950	770.950	1.050	1.050	57.66-150	0.06937	226.80	0.2520	PVC	

LANÇA EM: 007-002



COL-TRE	PVM	OBS	CTM	CTJ	CCM	CCJ	PRFM	PRFJ	COMP-DIAM	DECLIV	ACUMUL.	VAZÃO (l/s)	MATERIAL	ESTACAS
9-1	PV043		786.000	780.000	784.950	778.950	1.050	1.050	88.38-150	0.06789	88.38	0.0982	PVC	
9-2	PV044	DG 0.001	780.000	773.000	778.950	771.949	1.050	1.051	95.49-150	0.07331	183.87	0.2043	PVC	

LANÇA EM: 006-003

REVISÃO	ASSUNTO	RESPONSÁVEL	DATA
00	EMISSÃO INICIAL		01/08/2013

CONTRADA(S):

TSA
Tecnologia em Saneamento Ambiental

ERVAL GRANDE 7-6 1959

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ERVAL GRANDE

UNIDADE
REDE COLETORA

DIREITOS AUTORAIS RESERVADOS CONFORME TERMOS CONTRATUAIS
PROIBIDA A REPRODUÇÃO TOTAL OU PARCIAL DESTE DESENHO SEM EXPRESSO CONSENTIMENTO DO PROPRIETÁRIO

PROJETISTAS
ENGENHEIRO JOSÉ VILMAR VIEGAS
CREA – RS44586

PRANCHA
PERFIL DOS COLETORES

REVISOR PROJETO
Eng. JOSÉ VILMAR VIEGAS

DESENHO
LUIZ ODY

ESCALA
1:2000

CÓDIGO CIDADE/NUM.PROJETO
EG-SES-REDE-HID-01

COLABORADOR
CARLOS HENRIQUE GARBIN

NOME DO ARQUIVO
SES-ERVAL_GRANDE

DATA
08/2013

PRANCHA
01/06