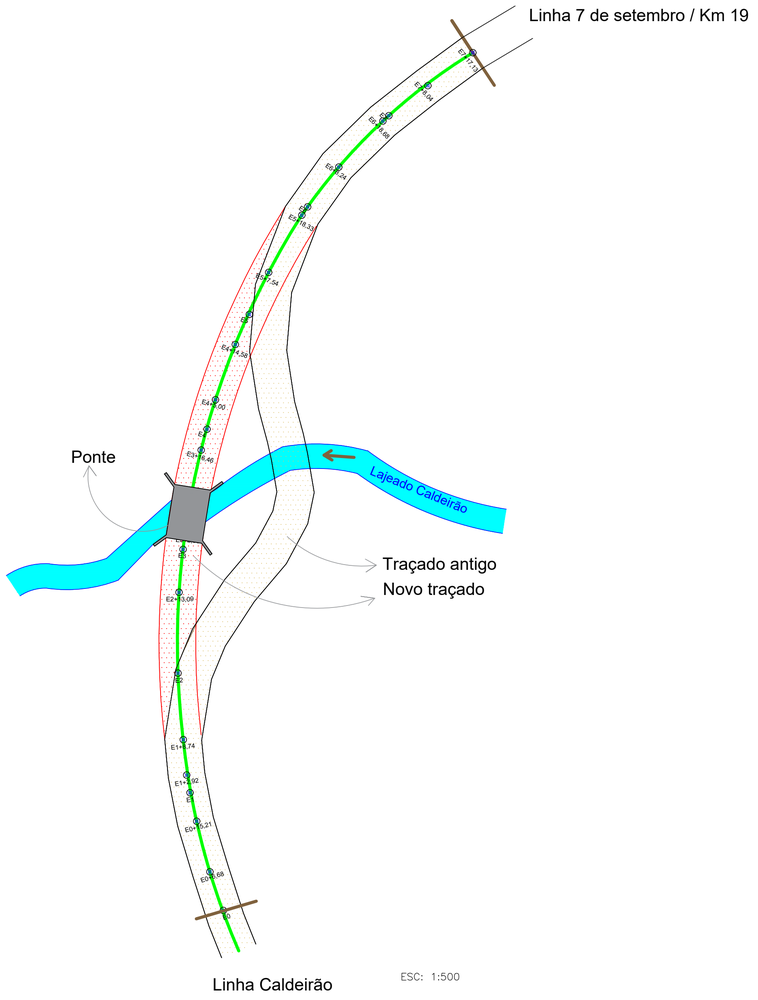


Relatório de volume entre seções

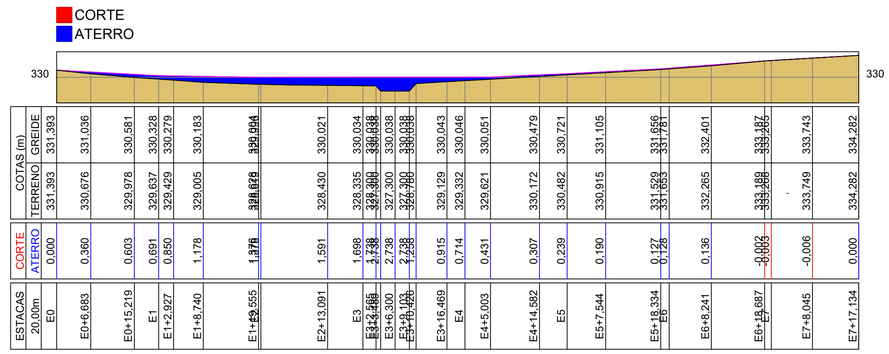
Seção	Corte (m²)	Aterro (m²)	Distância (m)	Vol. Corte (m³)	Vol. Aterro (m³)
E0	0,731	0,428	6,683	3,458	5,951
E0+6,683	0,304	1,353	8,536	1,298	16,838
E0+15,219	0,000	2,592	4,781	0,000	14,131
E1	0,000	3,319	2,927	0,000	11,295
E1+2,927	0,000	4,400	5,813	0,000	31,546
E1+8,740	0,000	6,453	10,815	0,000	75,249
E1+19,555	0,000	7,462	0,445	0,000	3,321
E2	0,000	7,475	13,091	0,000	114,492
E2+13,091	0,000	10,017	6,909	0,000	82,251
E3	0,000	13,792	2,565	0,000	36,372
E3+2,565	0,000	14,568	0,924	0,000	15,546
E3+3,489	0,000	19,081	2,811	0,000	49,312
E3+6,300	0,000	16,005	2,804	0,000	45,098
E3+9,103	0,000	16,167	1,323	0,000	18,781
E3+10,426	0,000	12,230	6,043	0,405	51,410
E3+16,469	0,134	4,785	3,531	0,983	11,869
E4	0,423	1,938	5,003	3,522	5,966
E4+5,003	0,985	0,447	9,579	5,187	14,953
E4+14,582	0,098	2,675	5,418	0,810	13,678
E5	0,201	2,374	7,544	3,791	12,296
E5+7,544	0,804	0,886	10,790	11,184	5,654
E5+18,334	1,269	0,162	1,666	1,826	0,567
E6	0,923	0,519	8,241	7,194	3,951
E6+8,241	0,823	0,440	10,446	13,068	2,298
E6+18,687	1,679	0,000	1,313	2,215	0,000
E7	1,694	0,000	8,045	14,558	0,000
E7+8,045	1,925	0,000	9,088	17,450	0,236
E7+17,134	1,915	0,052			

Corte (m²): Área de corte; Aterro (m²): Área de aterro; Distância (m): Distância entre as seções; Vol. Corte (m³): Volume parcial de corte; Vol. Aterro (m³): Volume parcial de aterro; Fórmula da semi-soma: (Area1 + Area2) x Dist / 2

Volume total de corte:	86,949 m³
Volume total de aterro:	643,060 m³
Volume total:	730,009 m³



Perfil Longitudinal / Estaqueamento



ESTACAS		E0	E0+6,683	E0+15,219	E1	E1+2,927	E1+8,740	E1+19,555	E2	E2+13,091	E3	E3+2,565	E3+3,489	E3+6,300	E3+9,103	E3+10,426	E3+16,469	E4	E4+5,003	E4+14,582	E5	E5+7,544	E5+18,334	E6	E6+8,241	E6+18,687	E7	E7+8,045	E7+17,134
	20,00m	0,00	6,68	15,22	17,81	20,73	29,47	30,47	32,47	45,56	47,56	50,06	52,87	55,68	64,78	66,78	69,78	71,78	76,78	91,36	93,36	98,36	111,05	113,05	118,05	131,74	133,74	138,74	151,87
CORTE	0,000	0,360	0,603	0,691	0,850	1,178	1,376	1,591	1,698	1,738	1,738	1,738	2,738	2,738	1,238	0,915	0,714	0,431	0,307	0,239	0,190	0,127	0,126	0,136	0,002	0,003	-0,006	0,000
ATERRO	0,000																											
TERRENO	331,393	330,676	329,978	329,637	329,429	329,005	328,629	328,430	328,335	327,300	327,300	327,300	327,300	327,300	330,038	329,129	329,332	329,621	330,172	330,482	330,915	331,529	331,663	332,265	333,188	333,268	333,749	334,282
GREIDE	331,393	331,036	330,581	330,328	330,279	330,183	329,994	330,021	330,034	330,038	330,038	330,038	330,038	330,038	330,038	330,043	330,046	330,051	330,479	330,721	331,105	331,656	331,781	332,401	333,187	333,266	333,743	334,282
COTAS (m)																												

PROJETO DE PONTE SOBRE O LAJEADO CALDEIRÃO

RESPONSÁVEL TÉCNICO:
LUANA MARIA ELOY:03382270080
Assinado de forma digital por LUANA MARIA ELOY:03382270080 Dados: 2025.11.11 18:37:06 -03'00'
LUANA MARIA ELOY
Engenheira Civil
CREA RS 244471

DATA: NOVEMBRO/2025
ESCALA: INDICADA
LOCAL: Linha Caldeirão--Palmitinho/RS
PROJETO: PROJETO GEOMÉTRICO/ TERRAPLANAGEM/DRENAGEM
REQUERENTE:
MUNICÍPIO DE PALMITINHO/RS
CNPJ 87.612.909/0001-89

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