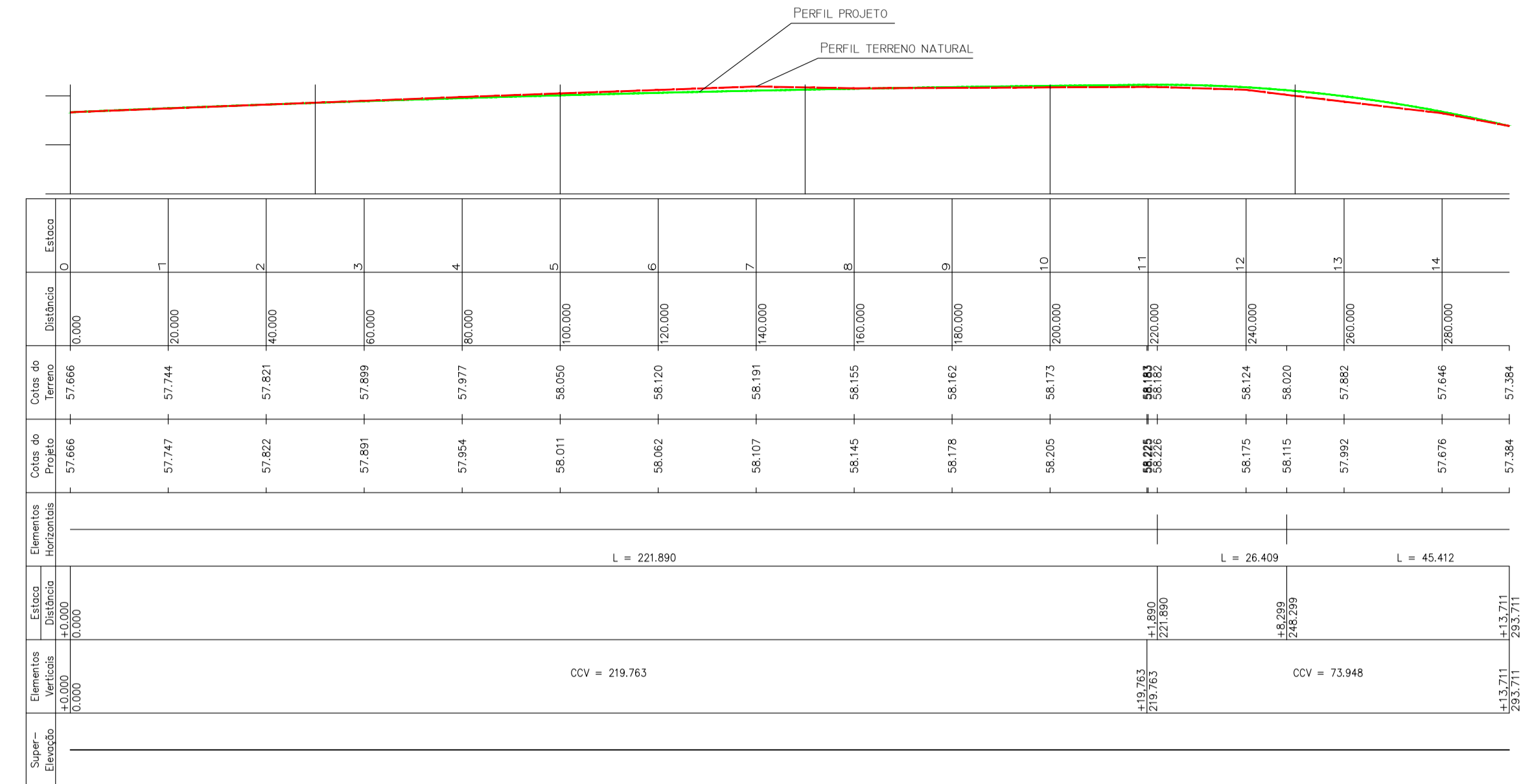
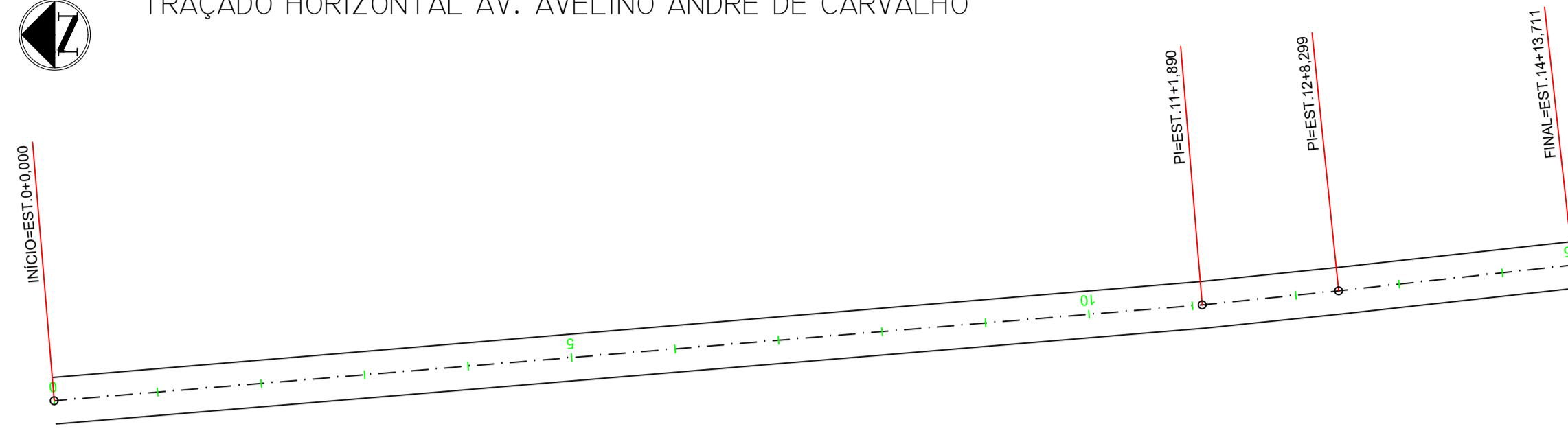


PERFIL LONGITUDINAL AV. AVELINO ANDRÉ DE CARVALHO  
ESCALA H 1:1000 ; V 1:100

PERFIL TERRENO NATURAL  
PERFIL PROJETO



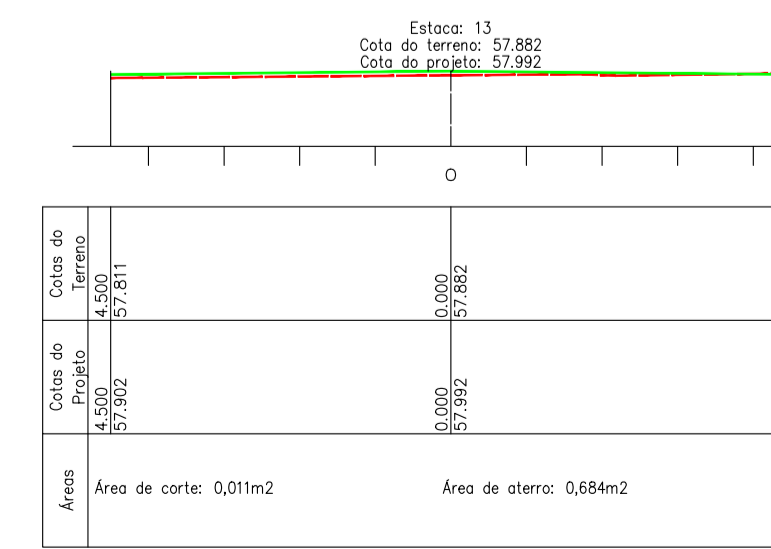
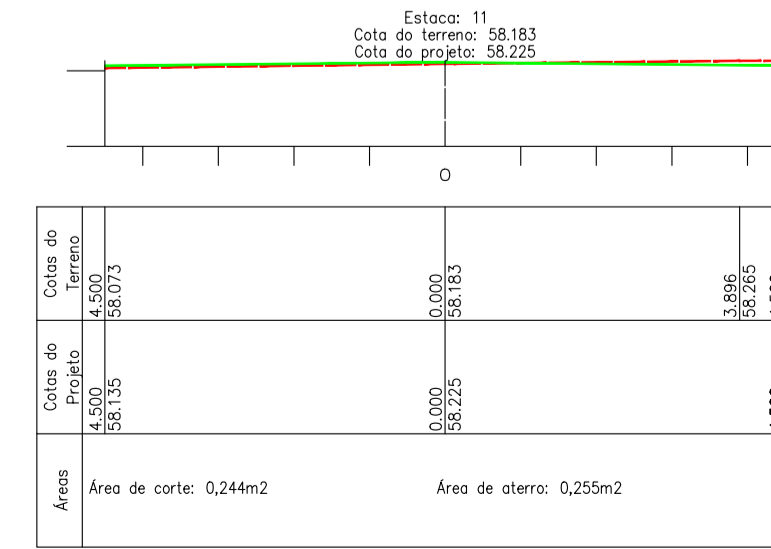
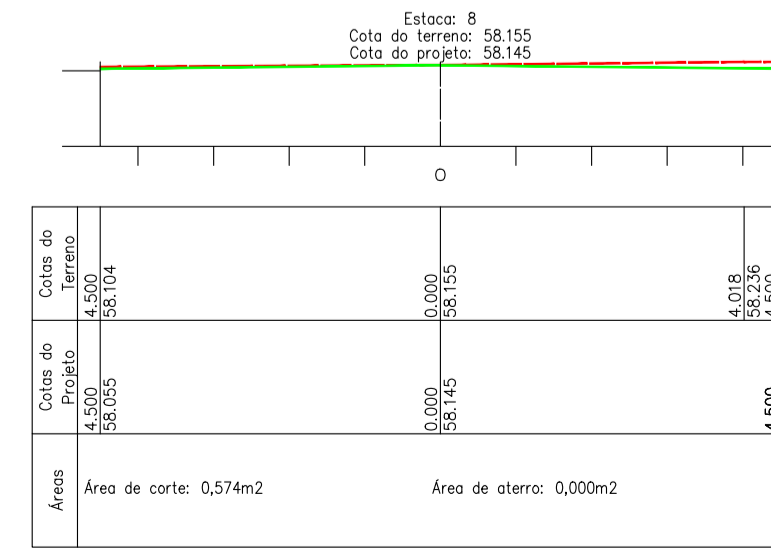
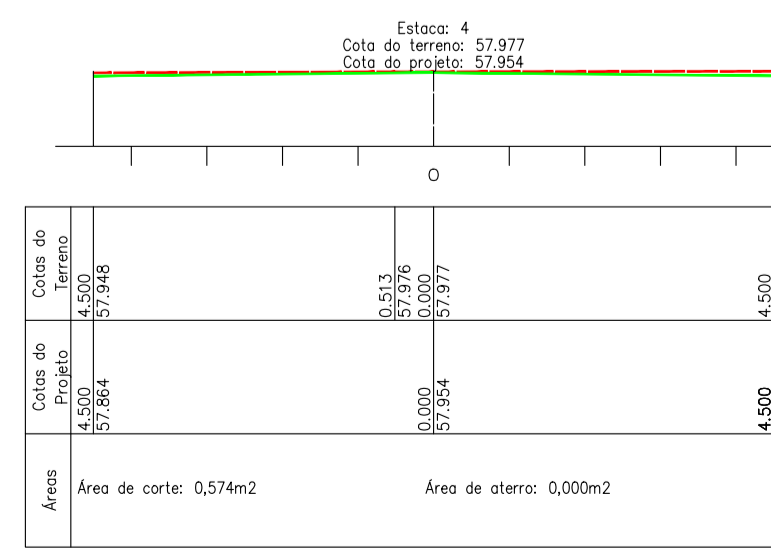
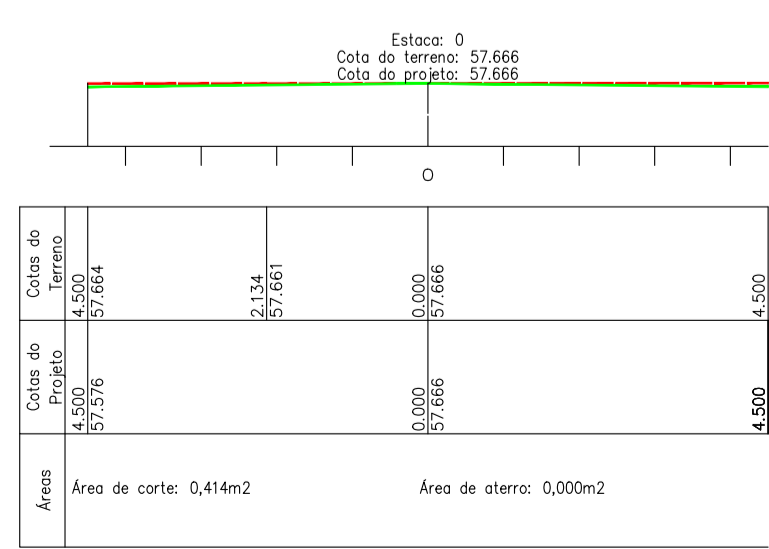
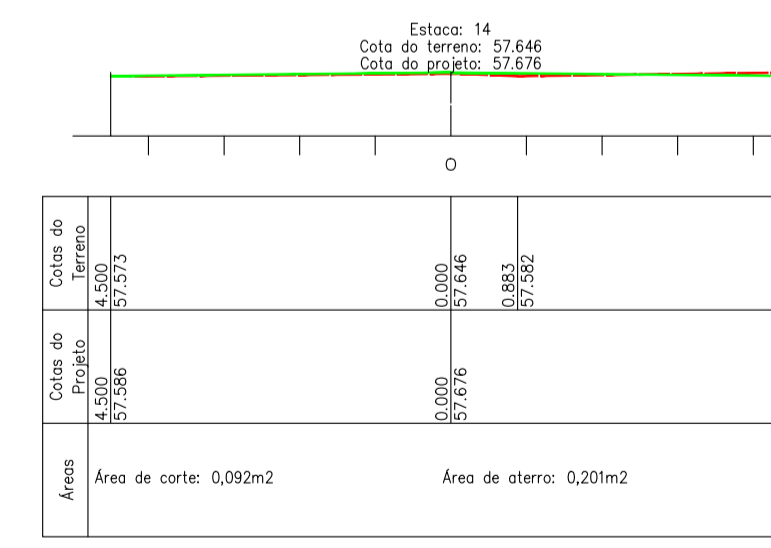
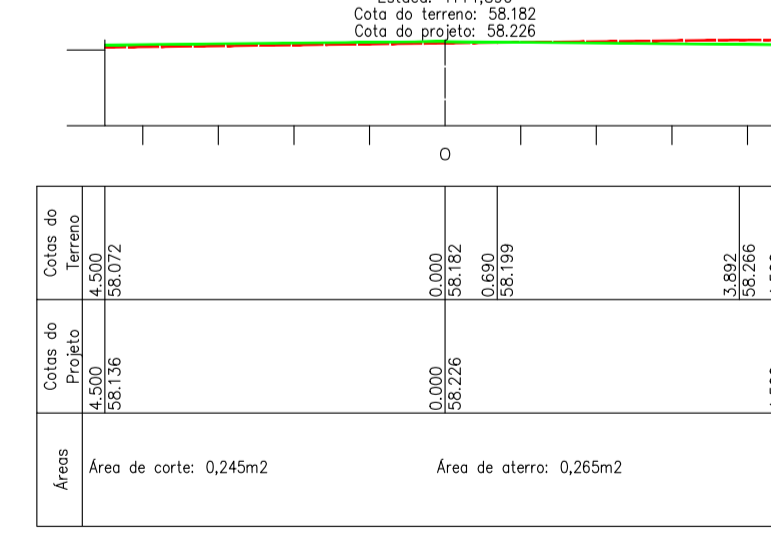
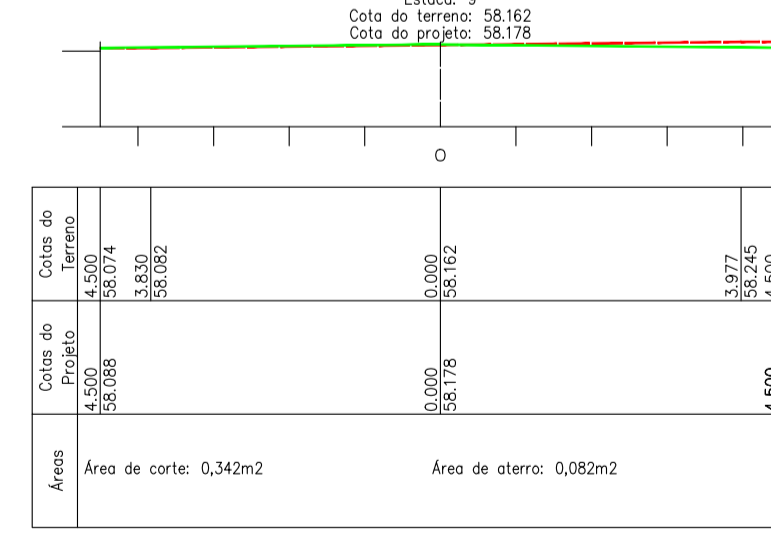
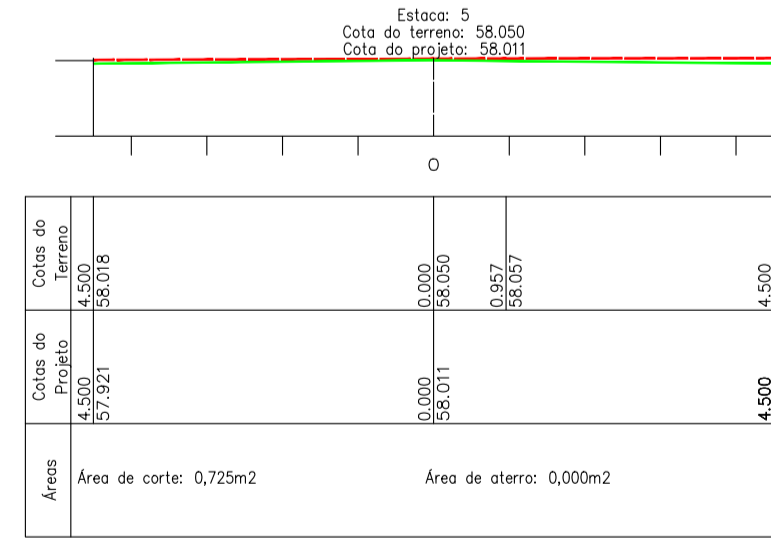
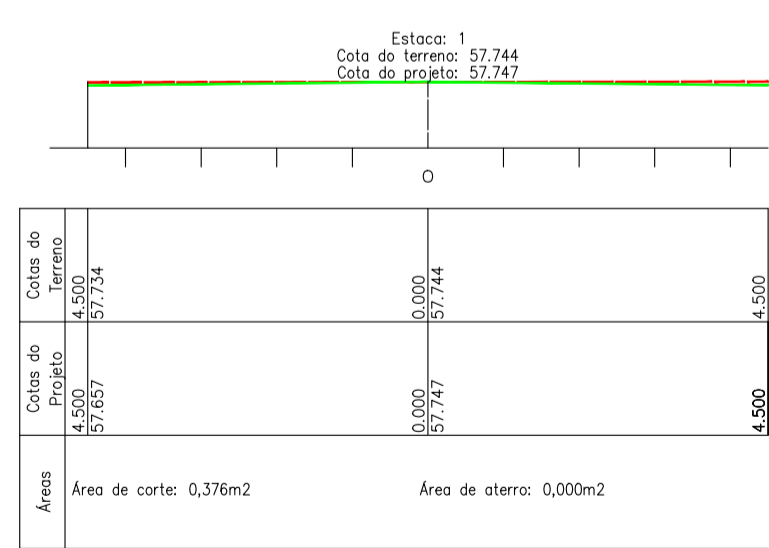
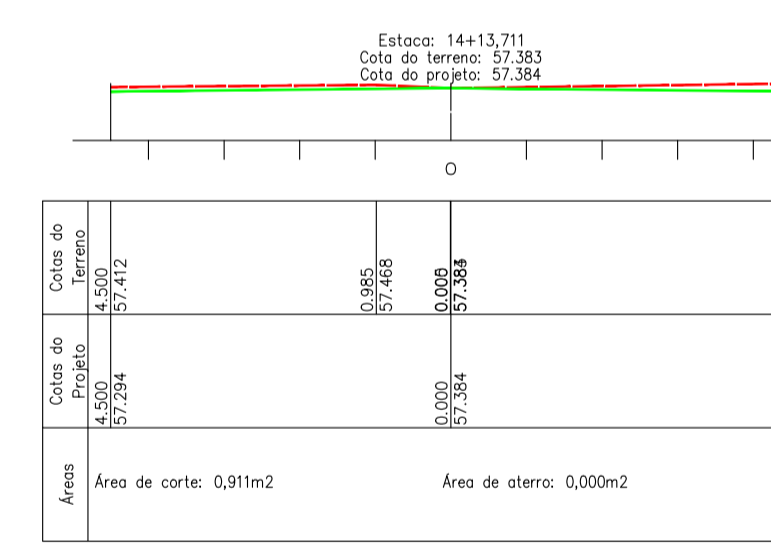
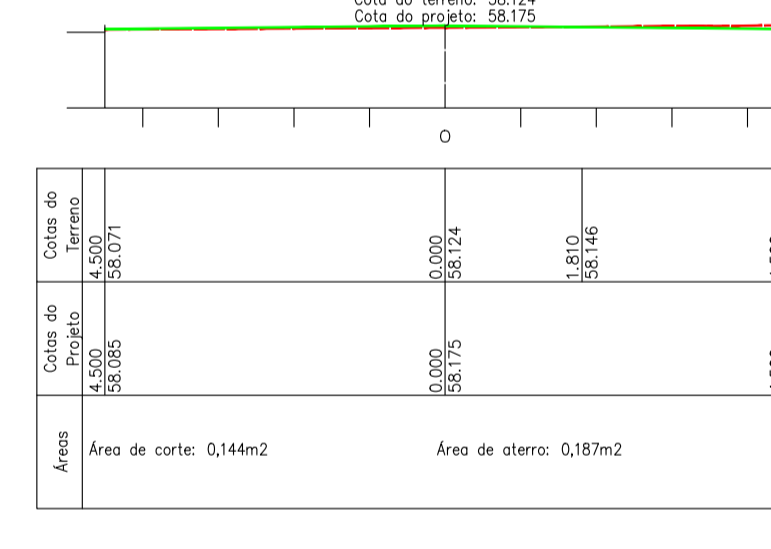
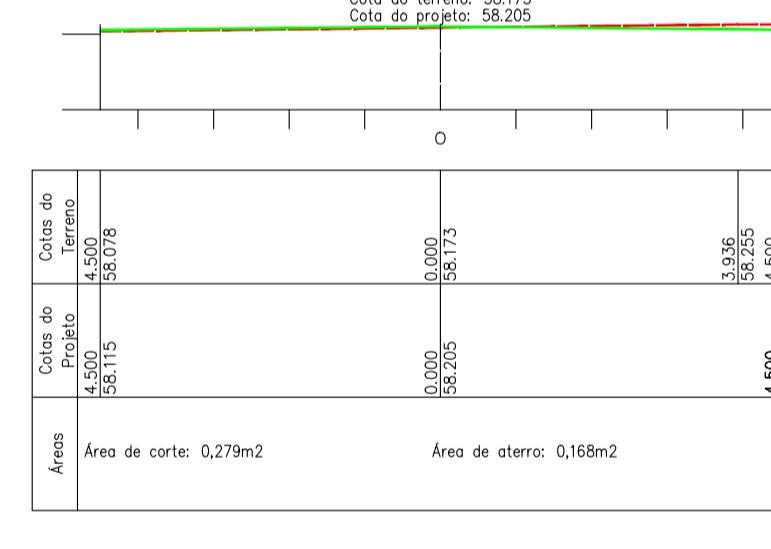
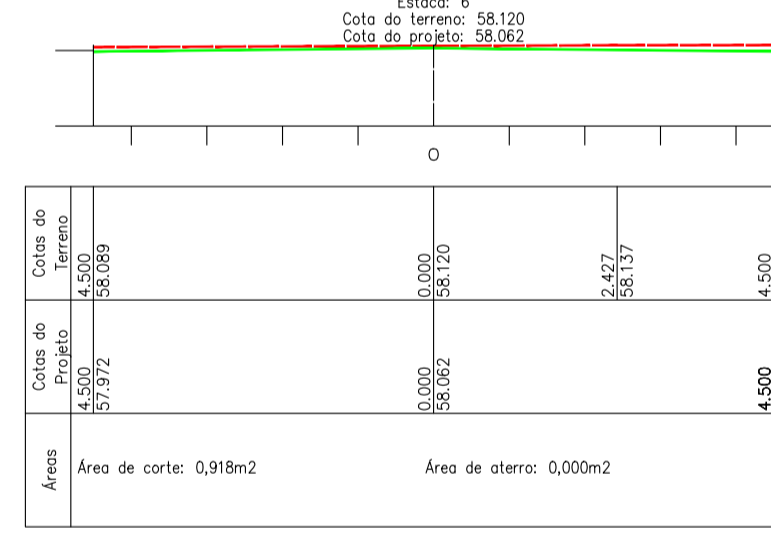
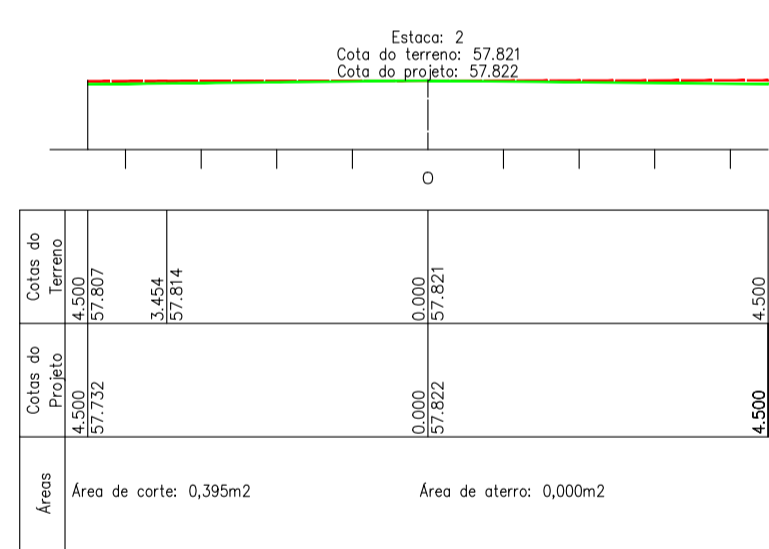
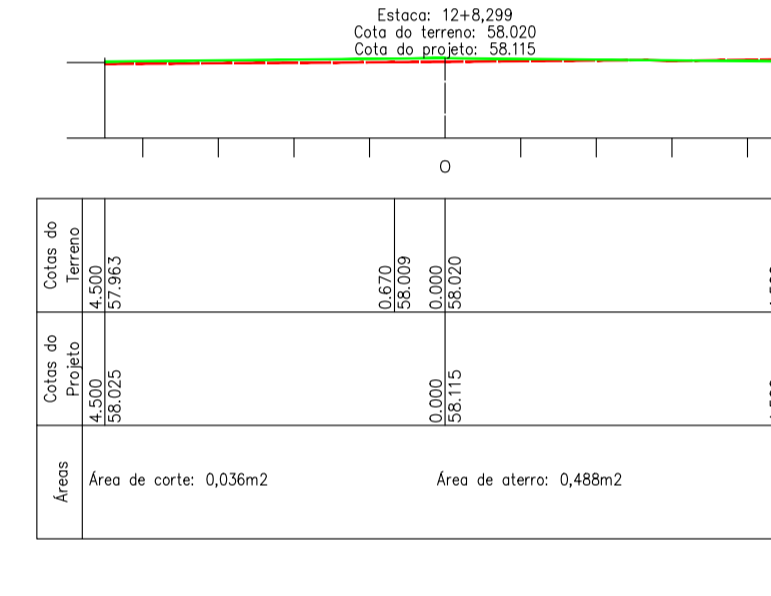
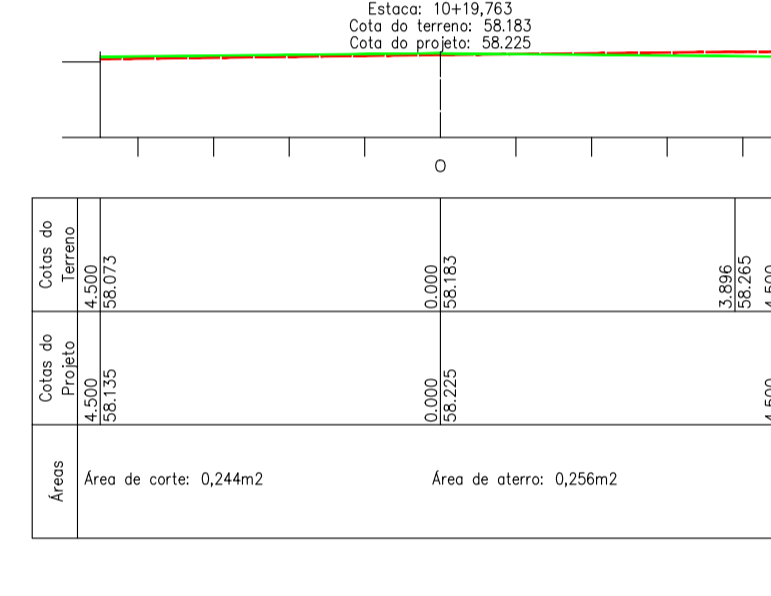
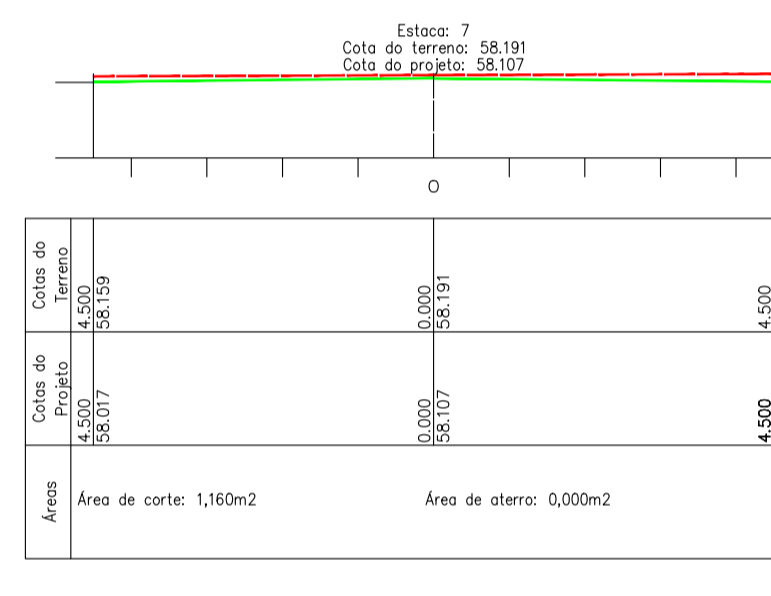
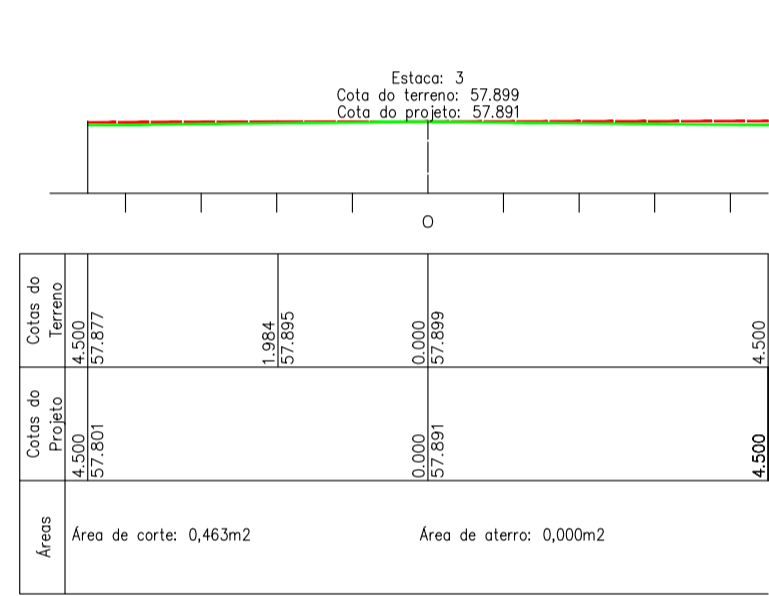
TRAÇADO HORIZONTAL AV. AVELINO ANDRÉ DE CARVALHO



SEÇÕES TRANSVERSAIS AV. AVELINO ANDRÉ DE CARVALHO  
ESCALA H 1:100 ; V 1:200

SEÇÃO TERRENO NATURAL

SEÇÃO PROJETO



PREFEITURA MUNICIPAL DE PARNAMIRIM  
Nota de Serviço de Terraplenagem: AV. AVELINO ANDRÉ DE CARVALHO

Estaca	Distância	Lado Esquerdo		Eixo		Lado Direito		Distância	Cota	Altura		
		Lateral	Altura	Cota	%	Lateral	Altura					
0		4,500	57,576	-2,01	57,666	0,004	4,500	57,576	-2,00	4,500	57,576	0,000
1		4,500	57,567	-2,00	57,744	0,000	4,500	57,667	-2,00	4,500	57,667	0,000
2		4,500	57,732	-2,00	57,821	-0,001	4,500	57,732	-2,00	4,500	57,732	0,000
3		4,500	57,801	-2,00	57,899	0,008	4,500	57,801	-2,00	4,500	57,801	0,000
4		4,500	57,864	-2,00	57,977	0,023	4,500	57,864	-2,00	4,500	57,864	0,000
5		4,500	57,921	-2,00	58,050	0,038	4,500	57,921	-2,00	4,500	57,921	0,000
6		4,500	57,971	-2,00	58,120	0,054	4,500	57,971	-2,00	4,500	57,971	0,000
7		4,500	58,017	-2,00	58,191	0,064	4,500	58,017	-2,00	4,500	58,017	0,000
8		4,500	58,055	-2,00	58,155	0,010	4,500	58,055	-2,00	4,500	58,055	0,000
9		4,500	58,088	-2,00	58,162	-0,016	4,500	58,088	-2,00	4,500	58,088	0,000
10		4,500	58,115	-2,00	58,173	-0,032	4,500	58,115	-2,00	4,500	58,115	0,000
10+19,76		4,500	58,151	-2,00	58,163	-0,042	4,500	58,151	-2,00	4,500	58,151	0,000
11		4,500	58,135	-2,00	58,183	-0,042	4,500	58,135	-2,00	4,500	58,135	0,000
11+1,890		4,500	58,136	-2,00	58,182	-0,044	4,500	58,136	-2,00	4,500	58,136	0,000
12		4,500	58,085	-2,00	58,124	-0,051	4,500	58,085	-2,00	4,500	58,085	0,000
12+8,299		4,500	58,025	-2,00	58,020	-0,095	4,500	58,025	-2,00	4,500	58,025	0,000
13		4,500	57,962	-2,00	57,862	-0,110	4,500	57,962	-2,00	4,500	57,962	0,000
14		4,500	57,584	-2,00	57,846	-0,030	4,500	57,584	-2,00	4,500	57,584	0,000
14+13,71		4,500	57,294	-2,00	57,583	-0,001	4,500	57,294	-2,00	4,500	57,294	0,000

PREFEITURA MUNICIPAL DE PARNAMIRIM  
Volume: AV. AVELINO ANDRÉ DE CARVALHO

Cálculo de Volume por Comparação de Perfil: Terreno x Projeto											
Estaca	Área Corte	Á.C.Acum.	Área Aterro	Á.A.Acum.	Semi-Dis.	Vol.Corte	V.C.Acum.	Vol.Aterro	V.A.Acum.		
0	0,414	0,414	0,000	0,000		10,000	7,900	7,900	0,000	0,000	
1	0,376	0,790	0,000	0,000		10,000	7,710	15,610	0,000	0,000	
2	0,395	1,185	0,000	0,000		10,000	8,580	24,190	0,000	0,000	
3	0,463	1,648	0,000	0,000		10,000	10,370	34,560	0,000	0,000	
4	0,574	2,222	0,000	0,000		10,000	12,990	47,550	0,000	0,000	
5	0,725	2,947	0,000	0,000		10,000	16,430	63,980	0,000	0,000	
6	0,918	3,865	0,000	0,000		10,000	20,780	84,760	0,000	0,000	
7	1,160	5,025	0,000	0,000		10,000	27,340	112,100	0,000	0,000	
8	0,574	5,599	0,000	0,000		10,000	9,160	111,260	0,620	0,620	
9	0,342	5,941	0,082	0,082		10,000	6,210	117,470	2,900	3,320	
10	0,279	6,220	0,168	0,250		9,882	5,168	122,638	4,190	7,510	
10+19,763	0,244	6,464	0,256	0,506		9,882	5,168	122,696	0,061	7,571	
11	0,244	6,708	0,255	0,761		9,882	4,462	123,158	0,491	8,062	
11+1,890	0,245	6,953	0,265	1,026		9,882	3,522	126,680	4,095	12,157	
12	0,144	7,097	0,187	1,213		4,150	0,747	127,427	2,801	14,958	
12+8,299	0,038	7,135	0,488	1,701		5,850	0,275	127,702	6,857	21,815	
13	0,011	7,144	0,684	2,385		10,000	1,030	128,732	8,850	30,665	
14	0,092	7,236	0,201	2,586		6,656	6,876	135,608	1,378	32,041	
14+13,711	0,911	8,147	0,000	2,586							
Áreas						Corte		Aterro			
						135,608 m <sup>3</sup>		2,586 m <sup>3</sup>			
Volumes								32,041 m <sup>3</sup>			



**PROJETO:**  
**PROJETO DE TERRAPLENAGEM DA AV. AVELINO ANDRÉ DE CARVALHO**

**ENDEREÇO:**  
AV. AVELINO ANDRÉ DE CARVALHO,  
NOVA ESPERANÇA, PARNAMIRIM/RN.

**CONTEÚDO:**  
SEÇÕES TRANSVERSAIS E PERFIL LONGITUDINAL

**ESCALA:** INDICADA      **DATA:** JUNHO/2021      **DESENHO:** JOÃO

**RESPONSÁVEL TÉCNICO:** IVENS SÁTIRO  
CREA/RN 211035 347-3

**01** / 01