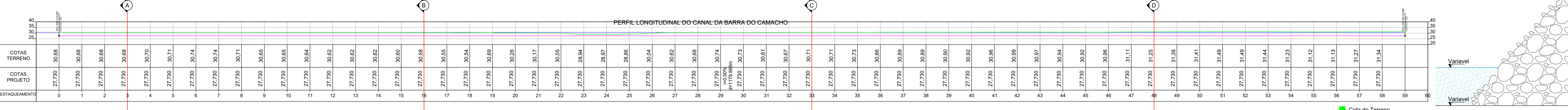


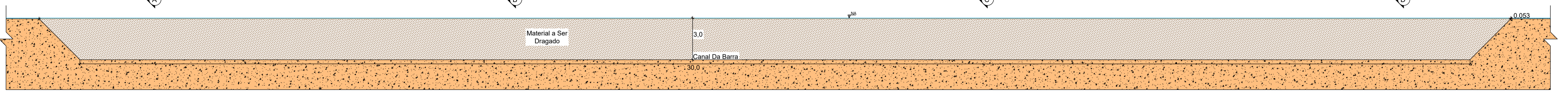
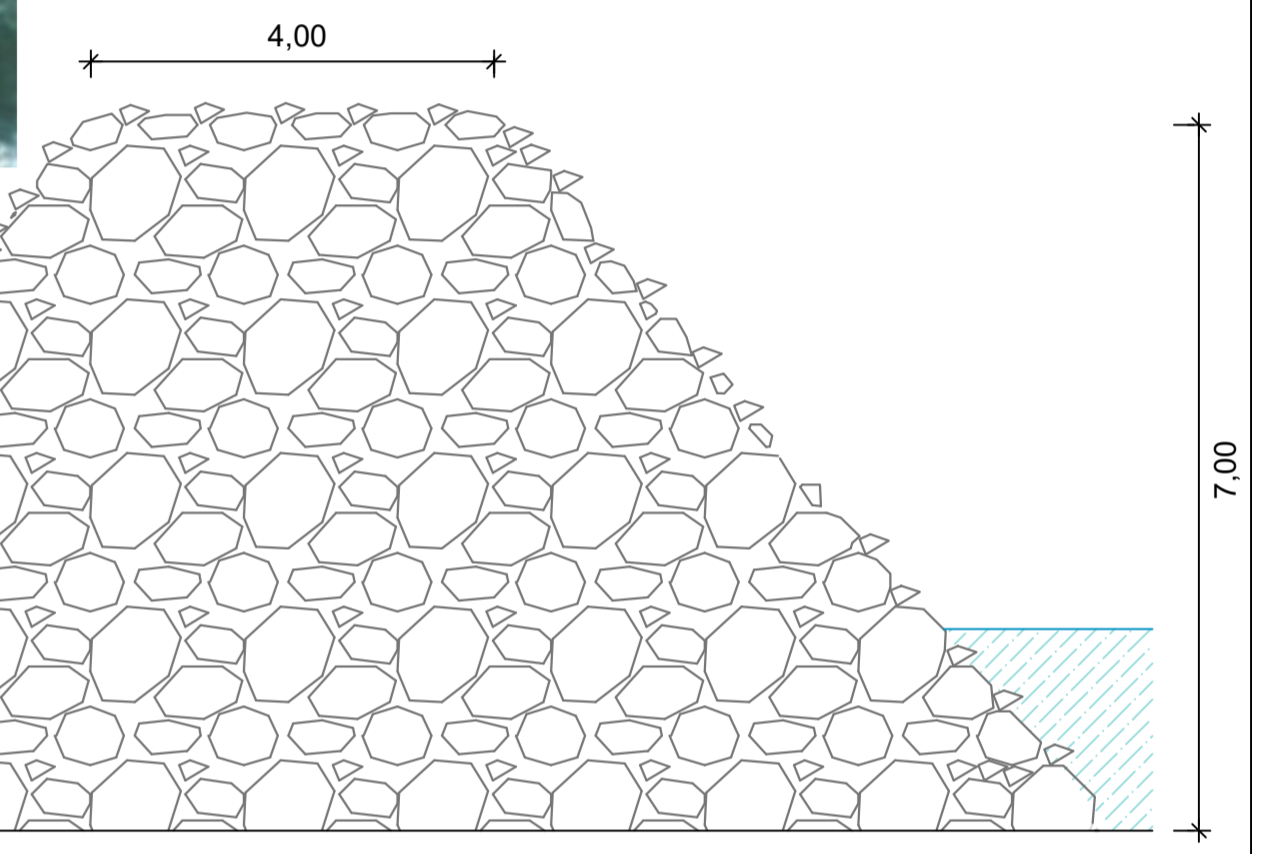


PROJETO PLANIMETRICO - PERFIL DE DRAGAGEM  
ESCALA 1:1250

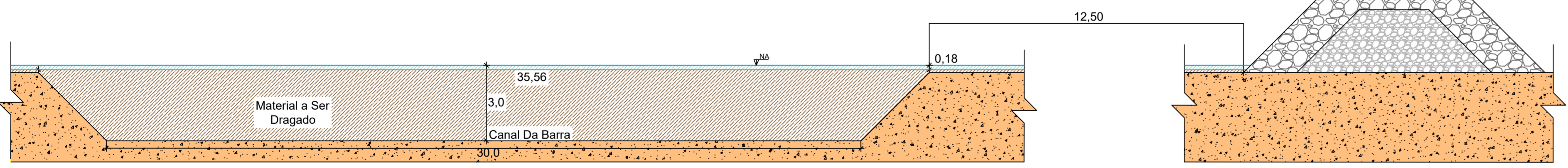


PERFIL LONGITUDINAL DO CANAL DA BARRA DO CAMACHO

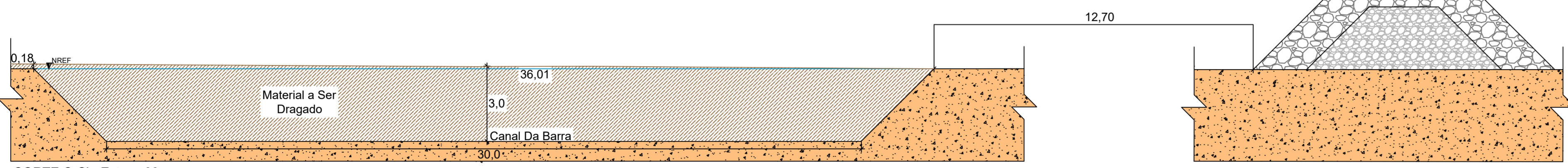
TABELA DE INFORMAÇÕES	
Comprimento Total do Cabeço dos Molhes	100 m
Área de Seção do Cabeço do Molhe	70 m²
VOLUME Total do Cabeço dos Molhes	7000 m³



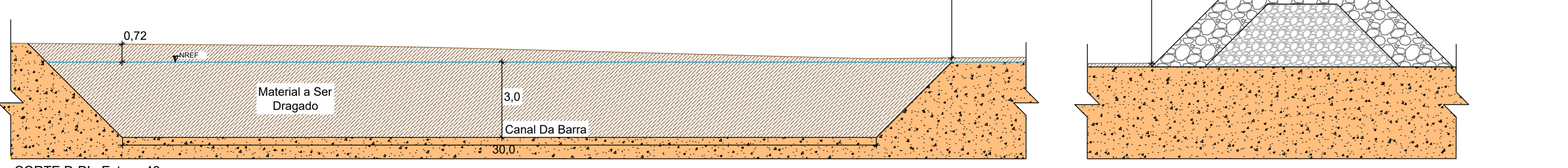
CORTE A-A' - Estaca 3  
ESCALA 1:125



CORTE B-B' - Estaca 16  
ESCALA 1:125



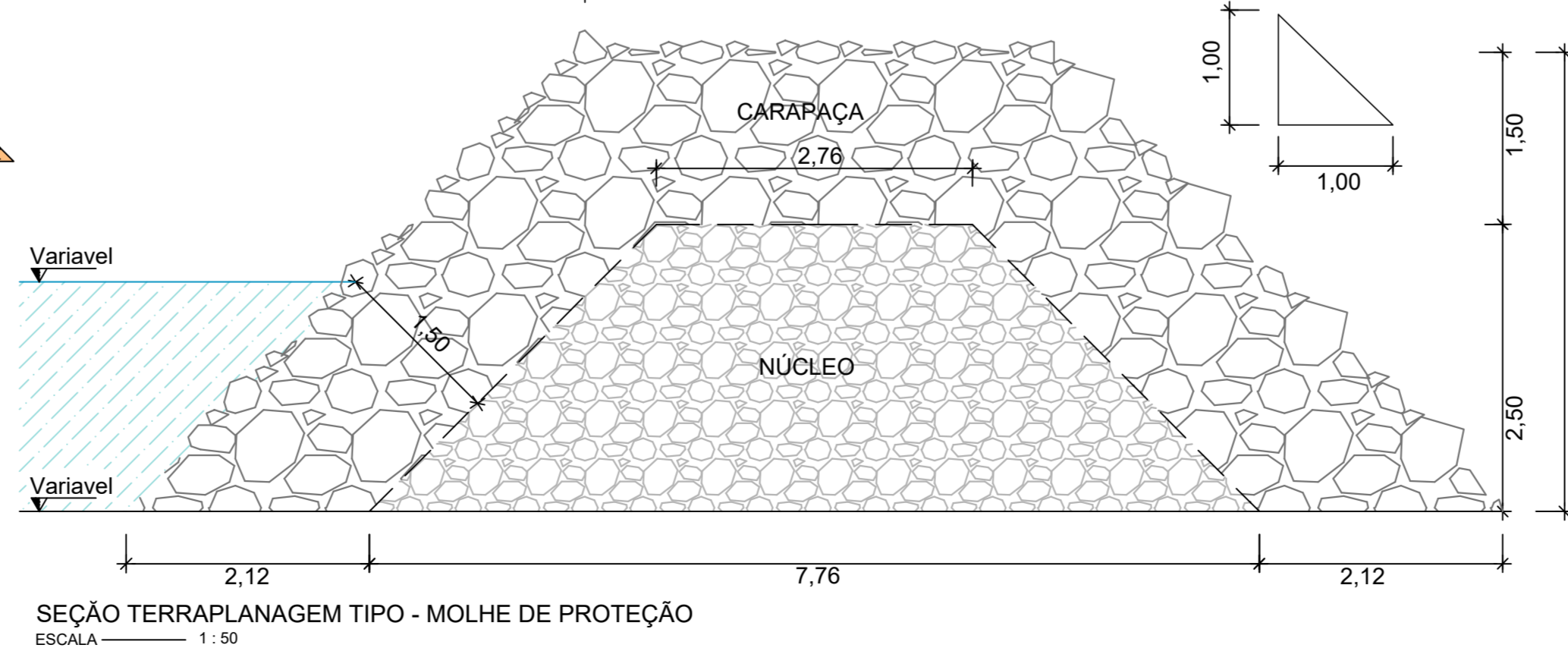
CORTE C-C' - Estaca 33  
ESCALA 1:125



CORTE D-D' - Estaca 48  
ESCALA 1:125

TABELA DE INFORMAÇÕES	
Carapaça de W = 0,5 < 2,0 t	
Núcleo de W = até 0,5 t	
VOLUME Total do Enrocamento	23.686,40 m³
Área de Seção	32 m²
Comprimento Total do Enrocamento	740,20 m
Comprimento Total de Dragagem	1.178,65 m
VOLUME Total de Dragagem	151.580,00
Largura do Canal de Dragagem	30,00 m

ÁREA CARAPAÇA: 18,86 m²  
ÁREA NÚCLEO: 13,14 m²



SEÇÃO TERRAPLANAGEM TIPO - MOLHE DE PROTEÇÃO  
ESCALA 1:50

VOLUME DE DRAGAGEM						
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Vol. Corte Acum. (m³)	Vol. Aterro Acum. (m³)
0+00	303.56	0.00	0.00	0.00	0.00	0.00
1+00	303.33	0.00	6068.91	0.00	6068.91	0.00
2+00	303.33	0.00	6066.63	0.00	12135.54	0.00
3+00	303.45	0.00	6067.80	0.00	18203.34	0.00
4+00	304.40	0.00	6078.48	0.00	24281.82	0.00
5+00	305.09	0.00	6094.89	0.00	30376.71	0.00
6+00	305.65	0.00	6113.33	0.00	36490.04	0.00
7+00	306.12	0.00	6133.07	0.00	42623.11	0.00
8+00	306.50	0.00	6153.60	0.00	48776.71	0.00
9+00	306.79	0.00	6174.81	0.00	54951.52	0.00
10+00	307.00	0.00	6196.60	0.00	61148.12	0.00
11+00	307.13	0.00	6218.97	0.00	67367.09	0.00
12+00	307.19	0.00	6241.92	0.00	73609.01	0.00
13+00	307.27	0.00	6265.45	0.00	79874.46	0.00
14+00	307.36	0.00	6289.56	0.00	86154.02	0.00
15+00	307.46	0.00	6314.24	0.00	92448.26	0.00
16+00	307.57	0.00	6339.49	0.00	98757.75	0.00
17+00	307.68	0.00	6365.30	0.00	105083.05	0.00
18+00	307.80	0.00	6391.67	0.00	111414.32	0.00
19+00	307.92	0.00	6418.60	0.00	117752.92	0.00
20+00	308.05	0.00	6446.09	0.00	124109.01	0.00
21+00	308.18	0.00	6474.14	0.00	130483.15	0.00
22+00	308.32	0.00	6502.75	0.00	136875.40	0.00
23+00	308.46	0.00	6531.92	0.00	143286.72	0.00
24+00	308.60	0.00	6561.65	0.00	149718.37	0.00
25+00	308.75	0.00	6591.94	0.00	156170.31	0.00
26+00	308.90	0.00	6622.78	0.00	162643.03	0.00
27+00	309.05	0.00	6654.17	0.00	169137.20	0.00
28+00	309.20	0.00	6686.11	0.00	175653.31	0.00
29+00	309.35	0.00	6718.60	0.00	182191.91	0.00
30+00	309.50	0.00	6751.64	0.00	188753.55	0.00
31+00	309.65	0.00	6785.23	0.00	195338.78	0.00
32+00	309.80	0.00	6819.37	0.00	201948.15	0.00
33+00	309.95	0.00	6854.06	0.00	208582.21	0.00
34+00	310.10	0.00	6889.30	0.00	215241.51	0.00
35+00	310.25	0.00	6925.09	0.00	221926.60	0.00
36+00	310.40	0.00	6961.43	0.00	228638.03	0.00
37+00	310.55	0.00	6998.32	0.00	235375.75	0.00
38+00	310.70	0.00	7035.76	0.00	242140.59	0.00
39+00	310.85	0.00	7073.75	0.00	248932.34	0.00
40+00	311.00	0.00	7112.29	0.00	255751.03	0.00
41+00	311.15	0.00	7151.38	0.00	262597.65	0.00
42+00	311.30	0.00	7190.92	0.00	269472.57	0.00
43+00	311.45	0.00	7230.91	0.00	276375.48	0.00
44+00	311.60	0.00	7271.35	0.00	283306.39	0.00
45+00	311.75	0.00	7312.24	0.00	290265.13	0.00
46+00	311.90	0.00	7353.58	0.00	297251.71	0.00
47+00	312.05	0.00	7395.37	0.00	304267.08	0.00
48+00	312.20	0.00	7437.61	0.00	311312.11	0.00
49+00	312.35	0.00	7480.30	0.00	318387.41	0.00
50+00	312.50	0.00	7523.44	0.00	325492.85	0.00
51+00	312.65	0.00	7567.03	0.00	332628.88	0.00
52+00	312.80	0.00	7611.07	0.00	339795.95	0.00
53+00	312.95	0.00	7655.56	0.00	346994.51	0.00
54+00	313.10	0.00	7700.50	0.00	354224.81	0.00
55+00	313.25	0.00	7745.89	0.00	361486.70	0.00
56+00	313.40	0.00	7791.73	0.00	368780.43	0.00
57+00	313.55	0.00	7838.02	0.00	376107.01	0.00
58+00	313.70	0.00	7884.76	0.00	383467.77	0.00
59+00	313.85	0.00	7931.95	0.00	390862.72	0.00
60+00	314.00	0.00	7979.59	0.00	398292.31	0.00

VOLUME DE DRAGAGEM

VOLUME DE DRAGAGEM						
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Vol. Corte Acum. (m³)	Vol. Aterro Acum. (m³)
0+00	303.56	0.00	0.00	0.00	0.00	0.00
1+00	303.33	0.00	6068.91	0.00	6068.91	0.00
2+00	303.33	0.00	6066.63	0.00	12135.54	0.00
3+00	303.45	0.00	6067.80	0.00	18203.34	0.00
4+00	304.40	0.00	6078.48	0.00	24281.82	0.00
5+00	305.09	0.00	6094.89	0.00	30376.71	0.00
6+00	305.65	0.00	6113.33	0.00	36490.04	0.00
7+00	306.12	0.00	6133.07	0.00	42623.11	0.00
8+00	306.50	0.00	6153.60	0.00	48776.71	0.00
9+00	306.79	0.00	6174.81	0.00	54951.52	0.00
10+00	307.00	0.00	6196.60	0.00	61148.12	0.00
11+00	307.13	0.00	6218.97	0.00	67367.09	0.00
12+00	307.19	0.00	6241.92	0.00	73609.01	0.00
13+00	307.27	0.00	6265.45	0.00	79874.46	0.00
14+00	307.36	0.00	6289.56	0.00	86154.02	0.00
15+00	307.46	0.00	6314.24	0.00	92448.26	0.00
16+00	307.57	0.00	6339.49	0.00	98757.75	0.00
17+00	307.68	0.00	6365.30	0.00	105083.05	0.00
18+00	307.80	0.00	6391.67	0.00	111414.32	0.00
19+00	307.92	0.00	6418.60	0.00	117752.92	0.00
20+00	308.05	0.00	6446.09	0.00	124109.01	0.00
21+00	308.18	0.00	6474.14	0.00	130483.15	0.00
22+00	308.32	0.00	6502.75	0.00	136875.40	0.00
23+00	308.46	0.00	6531.92	0.00	143286.72	0.00
24+00	308.60	0.00	6561.65	0.00	149718.37	0.00
25+00	308.75	0.00	6591.94	0.00	156170.31	0.00
26+00	308.90	0.00	6622.78	0.00	162643.03	0.00
27+00	309.05	0.00	6654.17	0.00	169137.20	0.00
28+00	309.20	0.00	6686.11	0.00	175653.31	0.00
29+00	309.35	0.00	6718.60	0.00	182191.91	0.00
30+00	309.50	0.00	6751.64	0.00	188753.55	0.00
31+00	309.65	0.00	6785.23	0.00	195338.78	0.00
32+00	309.80	0.00	6819.37	0.00	201948.15	0.00
33+00	309.95	0.00	6854.06	0.00	208582.21	0.00
34+00	310.10	0.00	6889.30	0.00	215241.51	0.00
35+00	310.25	0.00	6925.09	0.00	221926.60	0.00
36+00	310.40	0.00	6961.43	0.00	228638.03	0.00
37+00	310.55	0.00	6998.32	0.00	235375.75	0.00
38+00	310.70	0.00	7035.76	0.00	242140.59	0.00
39+00	310.85	0.00	7073.75	0.00	248932.34	0.00
40+00	311.00	0.00	7112.29	0.00	255751.03	0.00
41+00	311.15	0.00	7151.38	0.00	262597.65	0.00
42+00	311.30	0.00	7190.92	0.00	269472.57	0.00
43+00	311.45	0.00	7230.91	0.00	276375.48	0.00
44+00	311.60	0.00	7271.35	0.00	283306.39	0.00
45+00	311.75	0.00	7312.24	0.00	290265.13	0.00
46+00	311.90	0.00	7353.58	0.00	297251.71	0.00
47+00	312.05	0.00	7395.37	0.00	304267.08	0.00
48+00	312.20	0.00	7437.61	0.00	311312.11	0.00
49+00	312.35	0.00	7480.30	0.00	318387.41	0.00
50+00	312.50	0.00	7523.44	0.00	325492.85	0.00
51+00	312.65	0.00	7567.03	0.00	332628.88	0.00
52+00	312.80	0.00	7611.07	0.00	339795.95	0.00
53+00	312.95	0.00	7655.56	0.00	346994.51	0.00
54+00	313.10	0.00	7700.50	0.00	354224.81	0.00
55+00	313.25	0.00	7745.89	0.00	361486.70	0.00
56+00	313.40	0.00	7791.73	0.00	368780.43	0.00
57+00	313.55	0.00	7838.02	0.00	376107.01	0.00
58+00	313.70	0.00	7884.76	0.00	383467.77	0.00
59+00	313.85	0.00	7931.95	0.00	390862.72	0.00
60+00	314.00	0.00	7979.59	0.00	398292.31	0.00

AMUREL 5 ANOS

REPÚBLICA FEDERATIVA DO BRASIL  
ESTADO DE SANTA CATARINA  
MUNICÍPIO DE JAGUARUNA

**PROJETO BÁSICO DE ENGENHARIA**

DESASSOREAMENTO E ENROCAMENTO DA BARRA DO CAMACHO  
1ª ETAPA E 2ª ETAPA

BALNEÁRIO CAMACHO - JAGUARUNA

LEVANTAMENTO PLANIMETRICO DA BARRA DO CAMACHO  
TABELA DE VOLUMES  
CORTESEÇÃO TOPOGRAFICA

Revisão	Descrição	Data

Associação: **AMUREL**  
Associação de Municípios da Região da Laguna  
REGISTRO CREA/RG-11658-8/2018-1