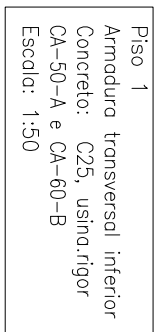
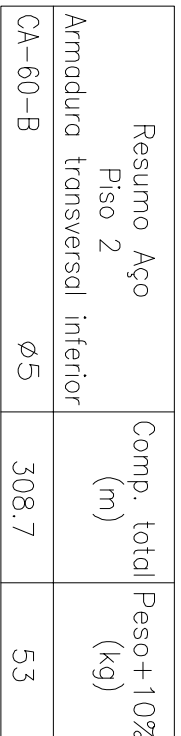
[illegible]

Resumo Aço Terreno	Comp. total (m)	Peso + 10% (kg)	total
Armadura transversal interior			
CA-50-A	1219.1	332	332
CA-60-B	359.4	43	43
Ø5	239.9	41	84
Total			416



Element	Pos. (cm)	Depth (cm)	Comp. (cm)	Vol. (cm ³)	Wt. (kg)
Amundsen minerals	1	150	130	3600	9.3
	2	150	130	3600	9.3
	3	150	130	3600	9.3
	4	150	130	3600	9.3
	5	150	130	3600	9.3
	6	150	130	3600	9.3
	7	150	130	3600	9.3
	8	150	130	3600	9.3
	9	150	130	3600	9.3
	10	150	130	3600	9.3
	11	150	130	3600	9.3
	12	150	130	3600	9.3
	13	150	130	3600	9.3
	14	150	130	3600	9.3
	15	150	130	3600	9.3
Amundsen minerals	16	150	130	3600	9.3
	17	150	130	3600	9.3
	18	150	130	3600	9.3
	19	150	130	3600	9.3
	20	150	130	3600	9.3
	21	150	130	3600	9.3
	22	150	130	3600	9.3
	23	150	130	3600	9.3
	24	150	130	3600	9.3
	25	150	130	3600	9.3
	26	150	130	3600	9.3
	27	150	130	3600	9.3
	28	150	130	3600	9.3
	29	150	130	3600	9.3
	30	150	130	3600	9.3
Amundsen minerals	31	150	130	3600	9.3
	32	150	130	3600	9.3
	33	150	130	3600	9.3
	34	150	130	3600	9.3
	35	150	130	3600	9.3
	36	150	130	3600	9.3
	37	150	130	3600	9.3
	38	150	130	3600	9.3
	39	150	130	3600	9.3
	40	150	130	3600	9.3
	41	150	130	3600	9.3
	42	150	130	3600	9.3
	43	150	130	3600	9.3
	44	150	130	3600	9.3
	45	150	130	3600	9.3
Amundsen minerals	46	150	130	3600	9.3
	47	150	130	3600	9.3
	48	150	130	3600	9.3
	49	150	130	3600	9.3
	50	150	130	3600	9.3
	51	150	130	3600	9.3
	52	150	130	3600	9.3
	53	150	130	3600	9.3
	54	150	130	3600	9.3
	55	150	130	3600	9.3
	56	150	130	3600	9.3
	57	150	130	3600	9.3
	58	150	130	3600	9.3
	59	150	130	3600	9.3
	60	150	130	3600	9.3
Amundsen minerals	61	150	130	3600	9.3
	62	150	130	3600	9.3
	63	150	130	3600	9.3
	64	150	130	3600	9.3
	65	150	130	3600	9.3
	66	150	130	3600	9.3
	67	150	130	3600	9.3
	68	150	130	3600	9.3
	69	150	130	3600	9.3
	70	150	130	3600	9.3
	71	150	130	3600	9.3
	72	150	130	3600	9.3
	73	150	130	3600	9.3
	74	150	130	3600	9.3
	75	150	130	3600	9.3

Resumo Aço	Comp. total (m)	Peso +10% (kg)	Total
Armadura transversal inferior			
CA-50-A	ø6,3	8,7	8,7
CA-60-B	ø5	18	18
Total			105



Elemento	Pos.	Diam. ϕ_1	DoB (cm)	RetD (cm)	Comp (cm)	TotA (kg)	C(-50)-C(+50) (kg)
Arredouros versos inferiores	1 $\phi 5$	48	6	582	594	2812	44,8
	2 $\phi 5$	4	6	500	590	2360	3,7
	Total = 10X6						53,4
	$\phi 5:$	0,0	53,4				
	Total:	0,0	53,4				
							53,4

Piso 2
Armadura transversal inferior
Concreto: C25, usina. fôrça
Ca-50-A e Ca-60-B
Escala: 1:50