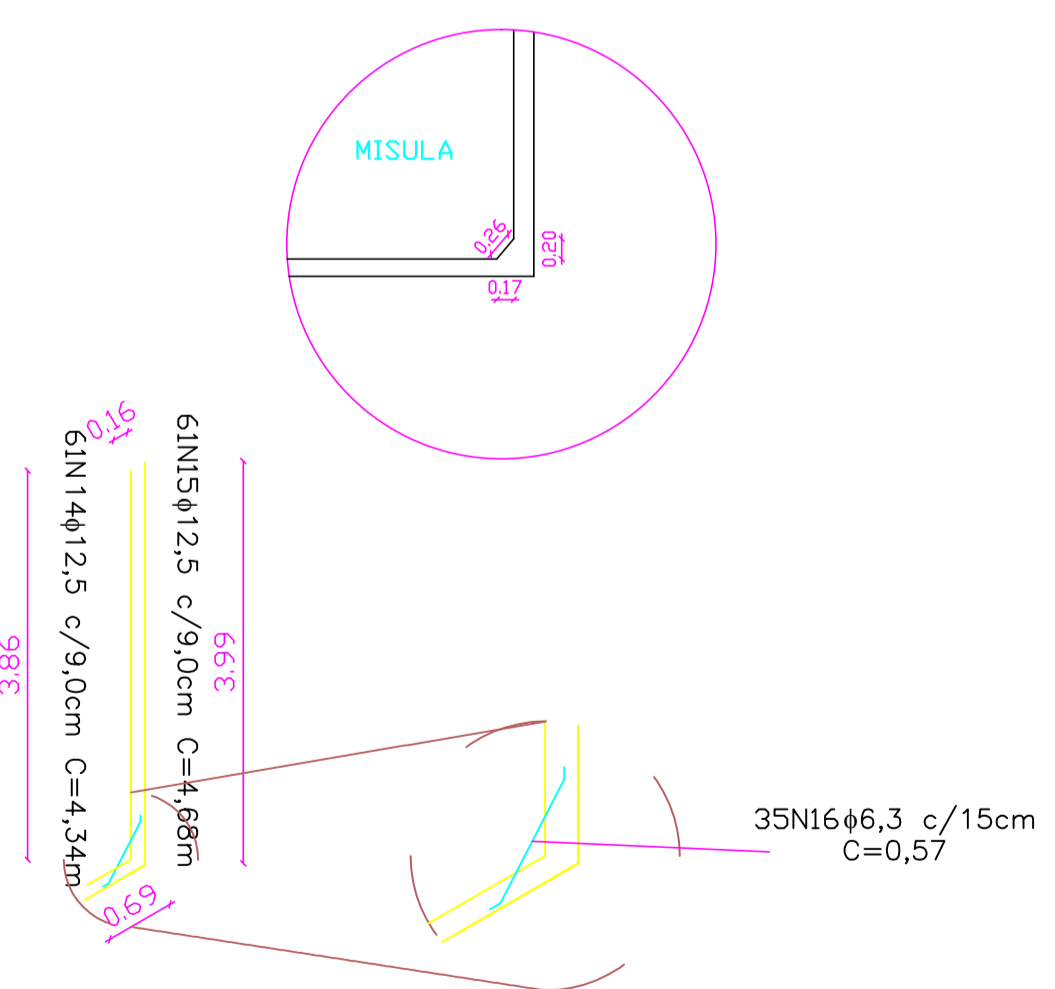
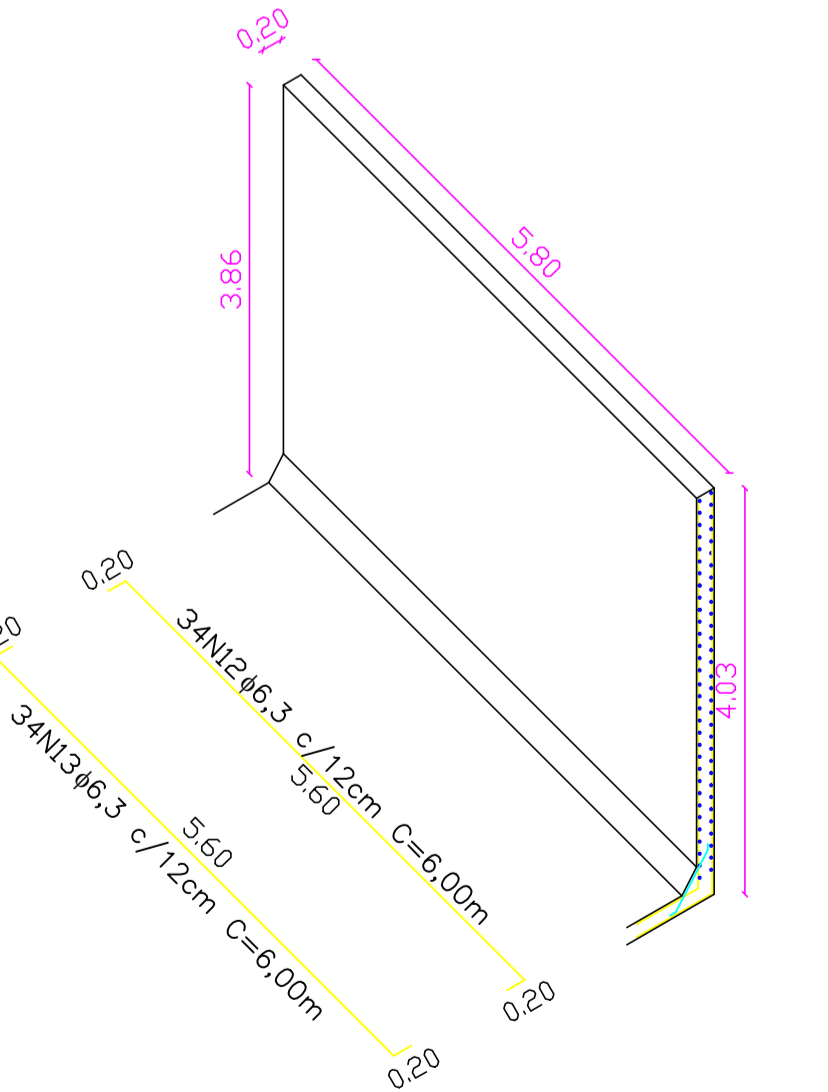
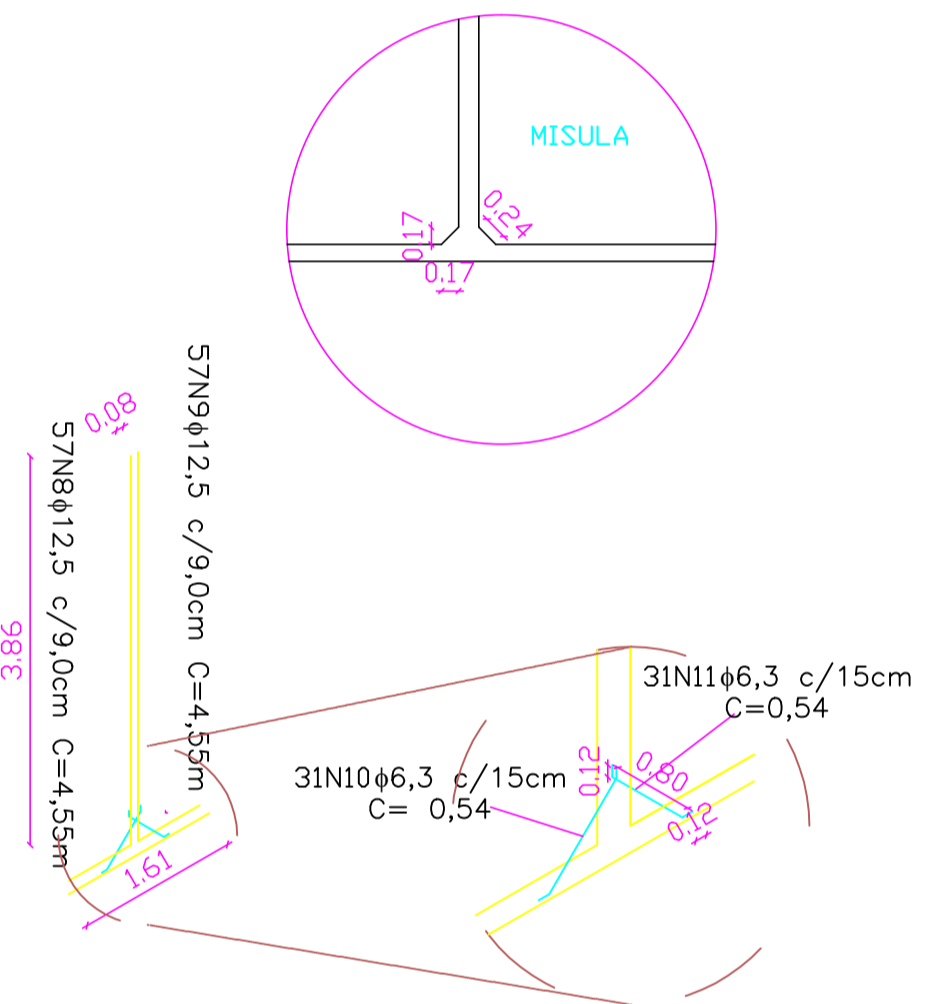
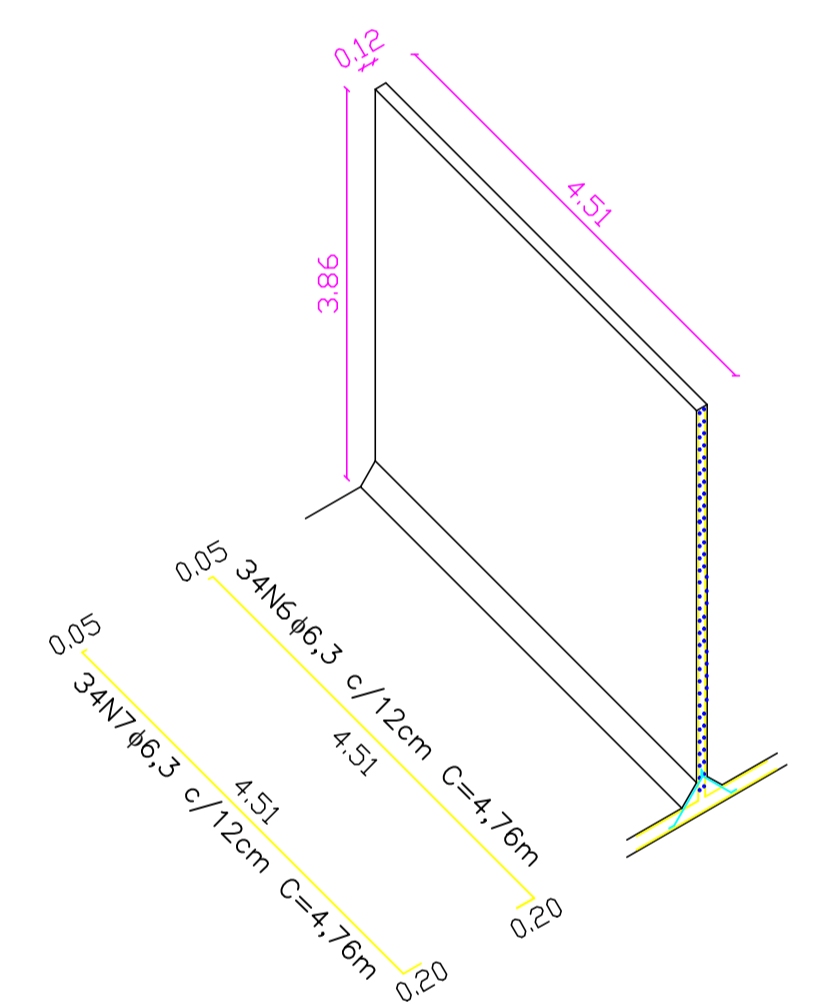
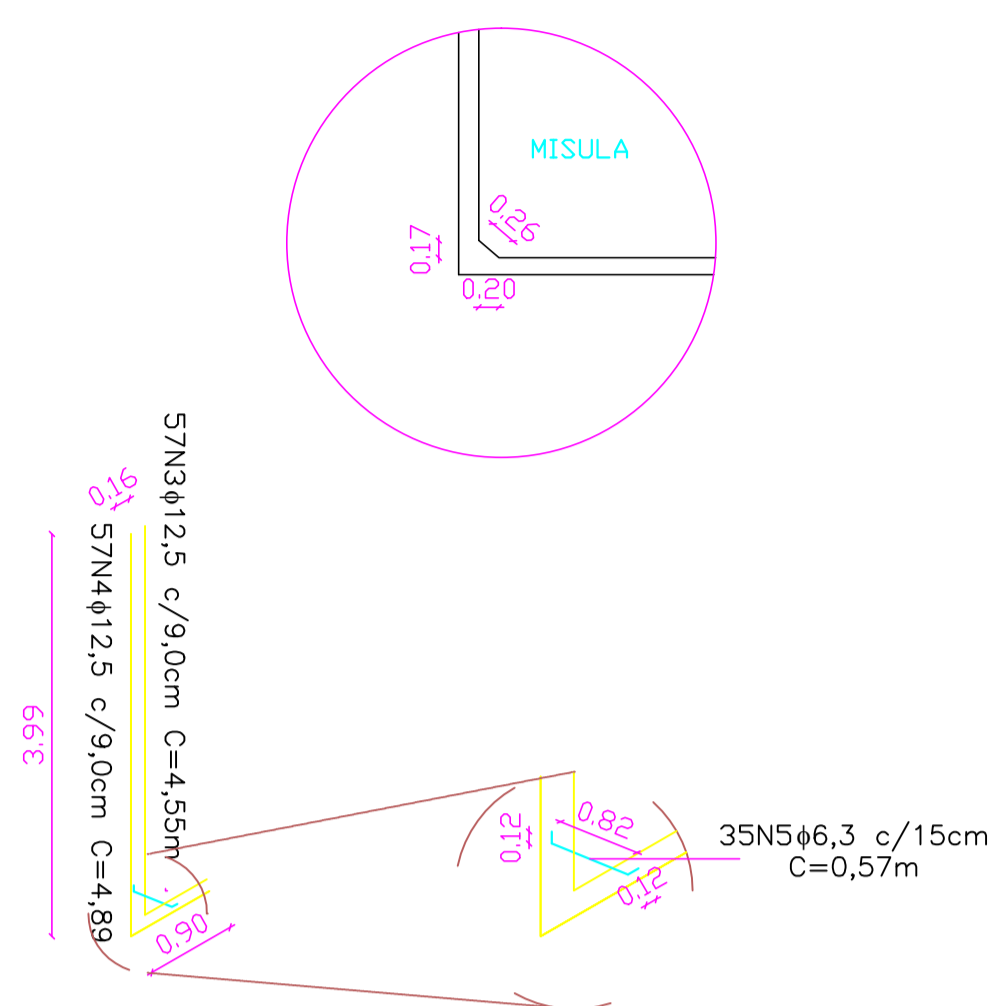
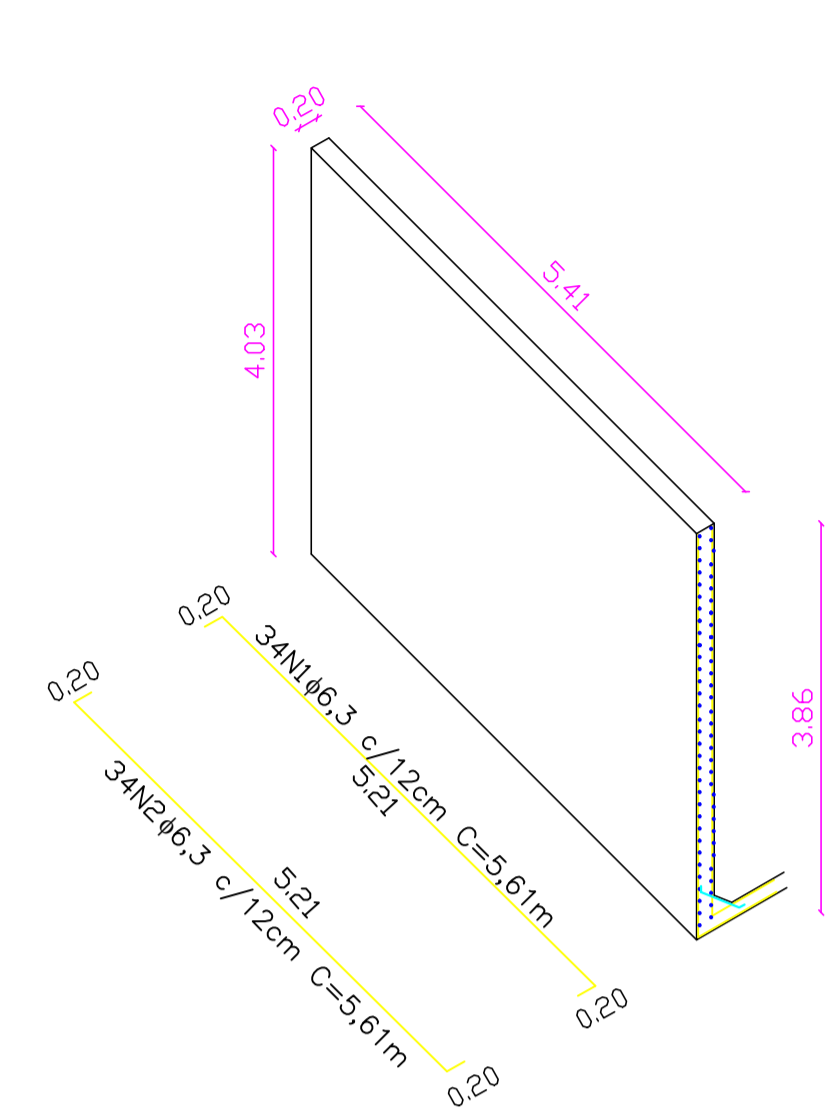
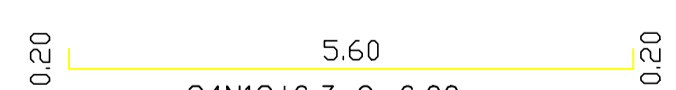
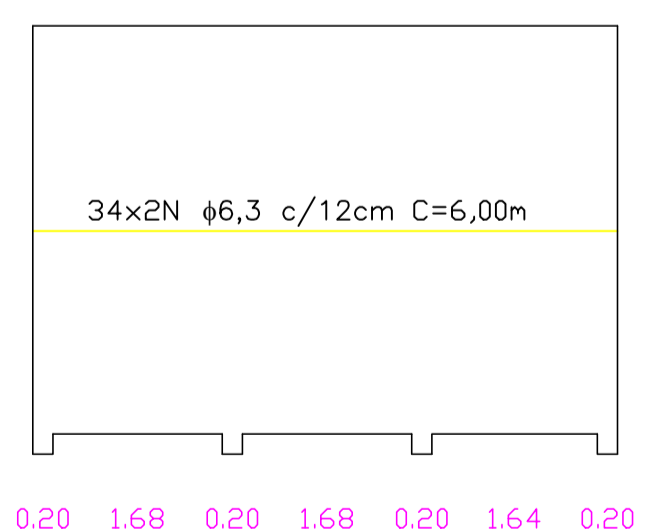
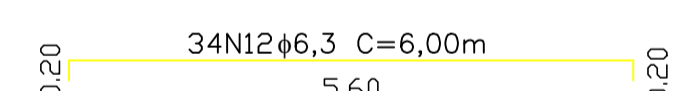
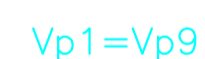
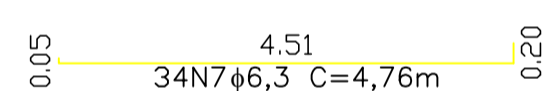
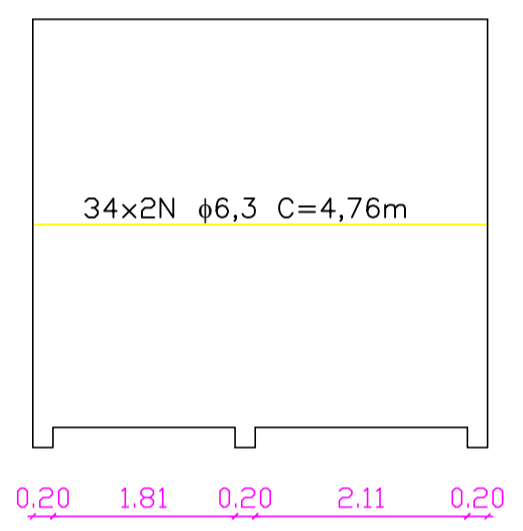
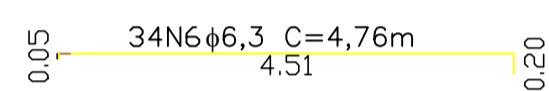
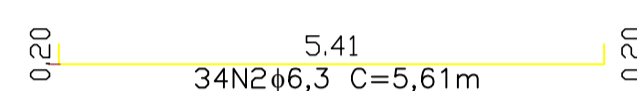
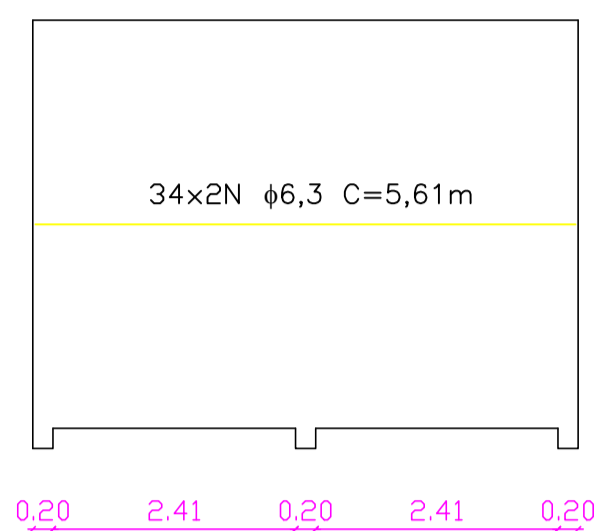
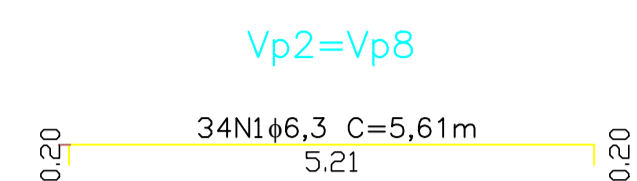
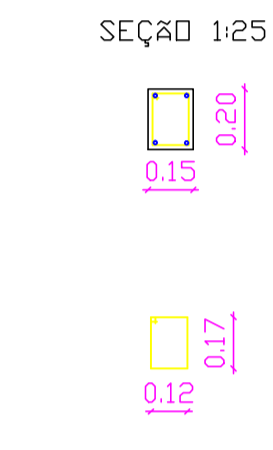
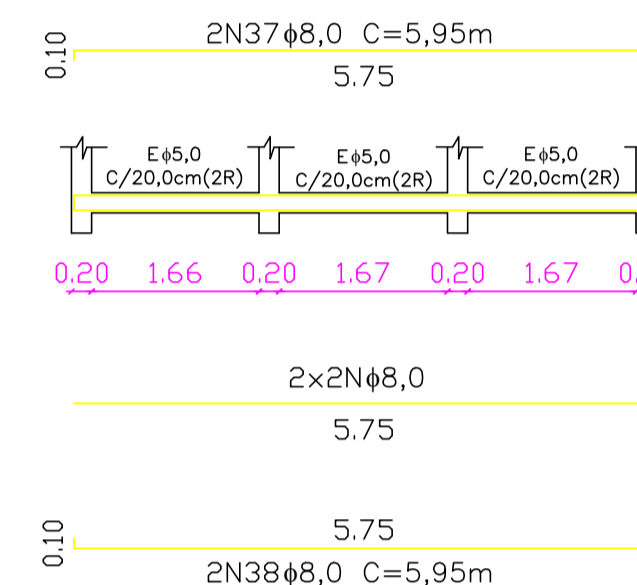
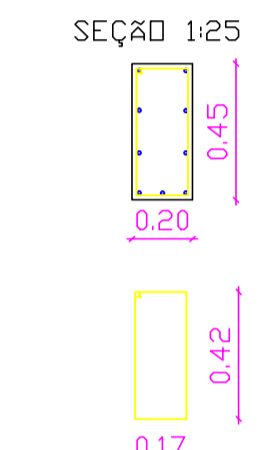
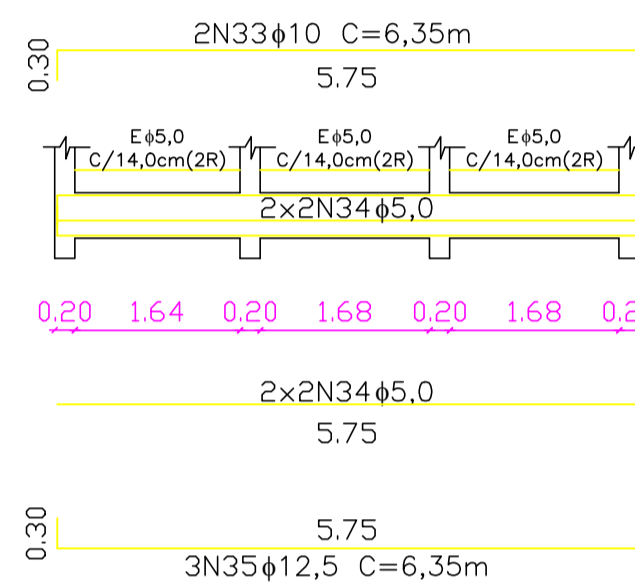
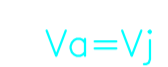
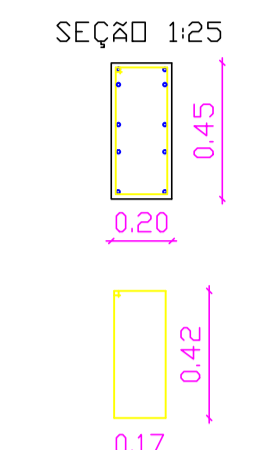
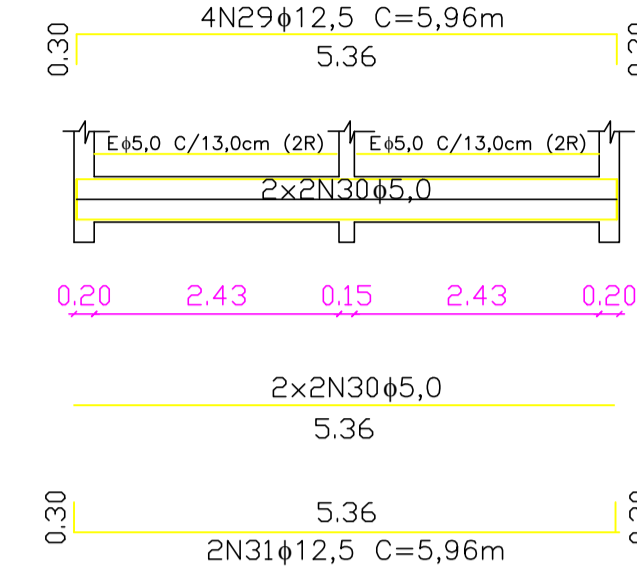
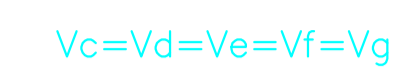
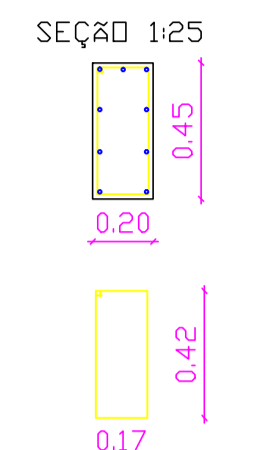
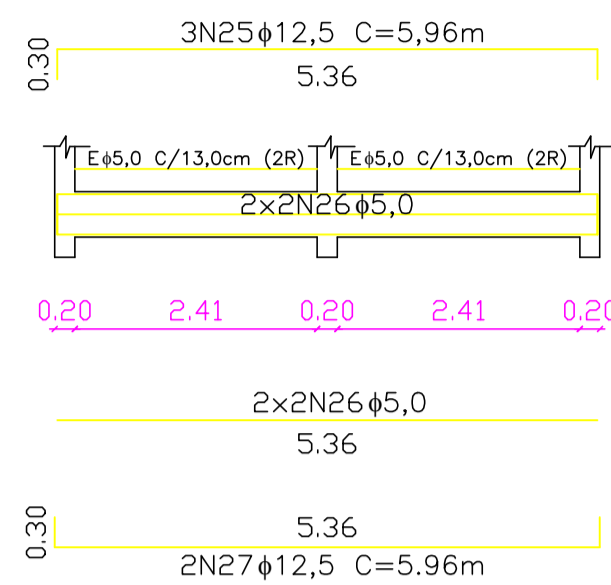
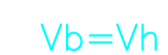


VIGAS SUPERIORES



VIGAS INFERIORES



FERRAGENS - AÇO CA-50							
N	Φ	UNID	Q.	Comprimento (m)		Peso (m)	
				Unitário	Total	(kg/m)	Total(kg)
1	6,3	2	34	5,61	381,48	0,25	95,37
2	6,3	2	34	5,61	381,48	0,25	95,37
3	12,5	57	4,55	518,70	0,99	513,51	
4	12,5	57	4,89	557,46	0,99	551,89	
5	6,3	35	0,57	39,90	0,25	9,89	
6	6,3	34	4,75	807,50	0,25	201,88	
7	6,3	34	4,75	807,50	0,25	201,88	
8	12,5	57	4,55	1296,75	0,99	1283,78	
9	12,5	57	4,55	1296,75	0,99	1283,78	
10	6,3	31	0,54	83,70	0,25	20,93	
11	6,3	31	0,54	83,70	0,25	20,93	
12	6,3	34	6,00	408,00	0,25	102,00	
13	6,3	34	6,00	408,00	0,25	102,00	
14	12,5	61	4,34	529,48	0,99	524,19	
15	12,5	61	4,68	570,96	0,99	565,25	
16	6,3	2	0,57	42,18	0,25	10,55	
17	6,3	1	5	5,41	27,05	0,25	6,76
18	6,3	1	5	5,41	27,05	0,25	6,76
19	6,3	1	5	5,41	27,05	0,25	6,76
20	6,3	1	5	5,41	27,05	0,25	6,76
21	6,3	1	5	5,41	27,05	0,25	6,76
22	6,3	1	5	5,41	27,05	0,25	6,76
23	6,3	1	43	5,80	249,40	0,25	62,35
24	6,3	1	43	5,80	249,40	0,25	62,35
25	12,5	3	5,96	35,76	0,99	35,40	
26	5	4	5,96	42,88	0,14	6,00	
27	12,5	2	5,96	23,84	0,99	23,60	
28	5	41	1,28	104,96	0,14	14,69	
29	12,5	5	4	5,96	119,20	0,99	118,01
30	5	4	5,36	107,20	0,14	15,01	
31	12,5	5	2	5,96	59,60	0,99	59,00
32	6,3	5	41	1,28	262,40	0,25	65,60
33	10	2	2	6,35	25,40	0,58	14,73
34	5	4	5,75	46,00	0,14	6,44	
35	12,5	2	3	6,35	38,10	0,99	37,72
36	6,3	1	41	1,28	52,48	0,25	13,12
37	8	1	2	5,95	11,90	0,39	4,64
38	8	1	2	5,95	11,90	0,39	4,64
39	5	1	28	0,68	19,04	0,14	2,67
40	10	10	4	3,80	152,00	0,58	88,16
41	5	10	20	0,68	136,00	0,14	19,04
42	10	5	4	3,80	76,00	0,58	44,08
43	5	5	20	0,54	54,00	0,14	7,56
44	6,3	15	3	0,54	24,30	0,25	6,08
45	6,3	15	3	0,54	24,30	0,25	6,08
46	6,3	15	2	0,88	26,40	0,25	6,60
47	10	15	4	0,84	50,40	0,58	29,23
TOTAL							6376,64

Concreto fck = 18 MPa  
Volume total: 35m³

JULHO/2004	cliente: SAAE LAGDA FORMOSA	projeto: Engº Osvaldo Raimundo Fº	03/03
	obra: ETA LAGDA FORMOSA	desenho: Adriana Viola Barros	
	resumo: AMPLIAÇÃO ETA - PLANTA DE ESTRUTURA	conferido:	
		escala: 1:25/1:75	