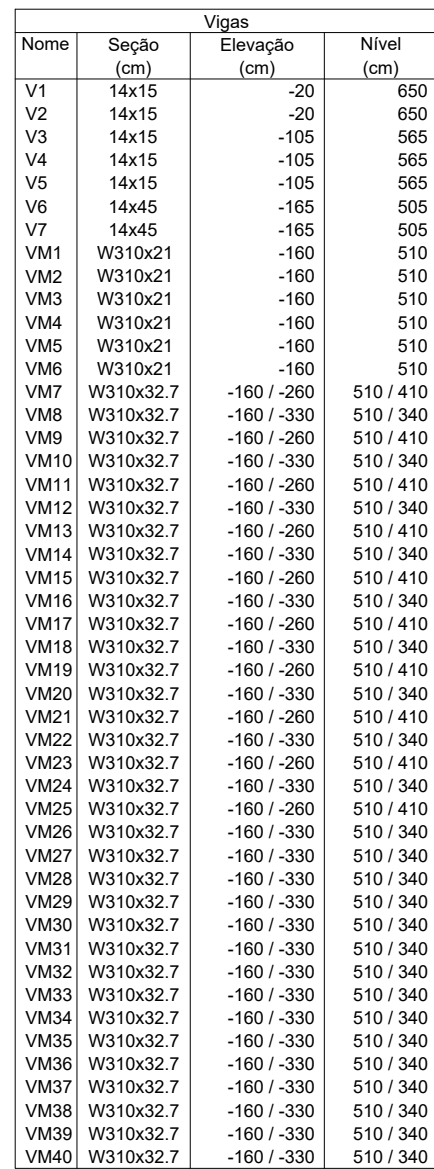


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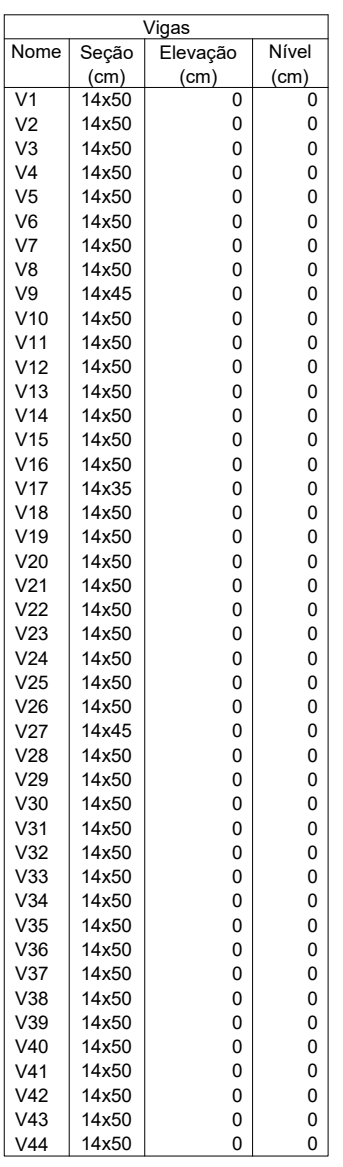


Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	241500

Pilares			NF (cm)
Nome	Seção (cm)	Elevação (cm)	
P1	14x80	+105	(-)
P3	25x25	-20	
P4	25x25	-20	(-)
P7	25x25	+105	
P11	20x20	-20	(-)
P12	14x25	-20	
P13	20x25	+105	(-)
P18	20x25	-20	
P24	18x25	-20	(-)
P32	18x25	-20	
P43	18x25	+105	(-)
P48	14x25	+105	
P51	18x25	-20	(-)
P56	14x25	+105	
P59	18x25	-20	(-)
P60	18x25	+160	
P62	25x25	-20	(-)
P63	25x25	+160	
P64	25x25	-20	(-)
P65	18x25	+160	
P67	18x25	+160	(-)
P68	18x25	-20	
P70	14x25	+105	(-)
P73	18x25	-20	
P74	18x25	-20	(-)
P80	14x25	+105	
P82	18x25	-20	(-)
P90	18x25	-20	
P102	18x25	-20	(-)
P104	18x25	+105	
P107	18x25	-20	(-)
P108	18x25	-20	
P112	14x15	+105	(-)
P113	14x15	-20	
P114	14x15	+105	(-)
P115	14x15	-20	

Legenda dos pilares	
	Pilar que ocorre

Forma do pavimento COBERTURA (Nível 670)
escala 1:50



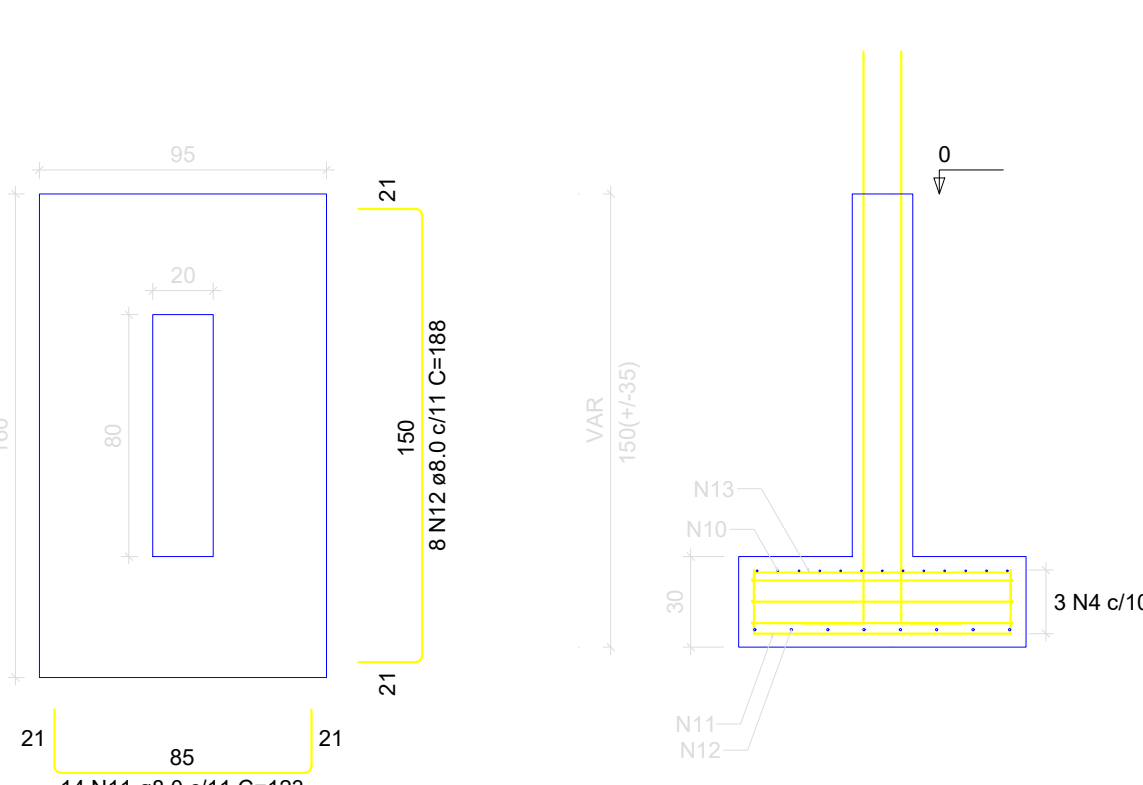
Site	Depth (cm)	Plants Elevated (cm)	Nm (cm)
P1	22	0	0
P2	1840	0	0
P3	1820	0	0
P4	22620	0	0
P5	1820	0	0
P6	1820	0	0
P7	1820	0	0
P8	1820	0	0
P9	1820	0	0
P10	1820	0	0
P11	2020	0	0
P12	2020	0	0
P13	2020	0	0
P14	1820	0	0
P15	1820	0	0
P16	1820	0	0
P17	2020	0	0
P18	2020	0	0
P19	1820	0	0
P20	1820	0	0
P21	2020	0	0
P22	1820	0	0
P23	1820	0	0
P24	2020	0	0
P25	2020	0	0
P26	2020	0	0
P27	2020	0	0
P28	2020	0	0
P29	2020	0	0
P30	1820	0	0
P31	1820	0	0
P32	2020	0	0
P33	2020	0	0
P34	1820	0	0
P35	1820	0	0
P36	2020	0	0
P37	1820	0	0
P38	2020	0	0
P39	1820	0	0
P40	2020	0	0
P41	2020	0	0
P42	1820	0	0
P43	1820	0	0
P44	1820	0	0
P45	1820	0	0
P46	2020	0	0
P47	2020	0	0
P48	1820	0	0
P49	1820	0	0
P50	2020	0	0
P51	2020	0	0
P52	1820	0	0
P53	1820	0	0
P54	2020	0	0
P55	2020	0	0
P56	2020	0	0
P57	1820	0	0
P58	1820	0	0
P59	1820	0	0
P60	2020	0	0
P61	2520	0	0
P62	1820	0	0
P63	2520	0	0
P64	1820	0	0
P65	2520	0	0
P66	1820	0	0
P67	1820	0	0
P68	1820	0	0
P69	1820	0	0
P70	1820	0	0
P71	2020	0	0
P72	1820	0	0
P73	1820	0	0
P74	2020	0	0
P75	2020	0	0
P76	2020	0	0
P77	2020	0	0
P78	2020	0	0
P79	2020	0	0
P80	1820	0	0
P81	1820	0	0
P82	1820	0	0
P83	1820	0	0
P84	1820	0	0
P85	2020	0	0
P86	2020	0	0
P87	2020	0	0
P88	2020	0	0
P89	1820	0	0
P90	1820	0	0
P91	1820	0	0
P92	2020	0	0
P93	2020	0	0
P94	2020	0	0
P95	2020	0	0
P96	1820	0	0
P97	1820	0	0
P98	2020	0	0
P99	2020	0	0
P100	2020	0	0
P101	1820	0	0
P102	2020	0	0
P103	2020	0	0
P104	2020	0	0
P105	2020	0	0
P106	2020	0	0
P107	1820	0	0
P108	2020	0	0
P109	2020	0	0
P110	2020	0	0
P111	2020	0	0

Forma do pavimento TERREO (Nível 0)
escala 1:50

S104

PLANTA

ESC 1:25



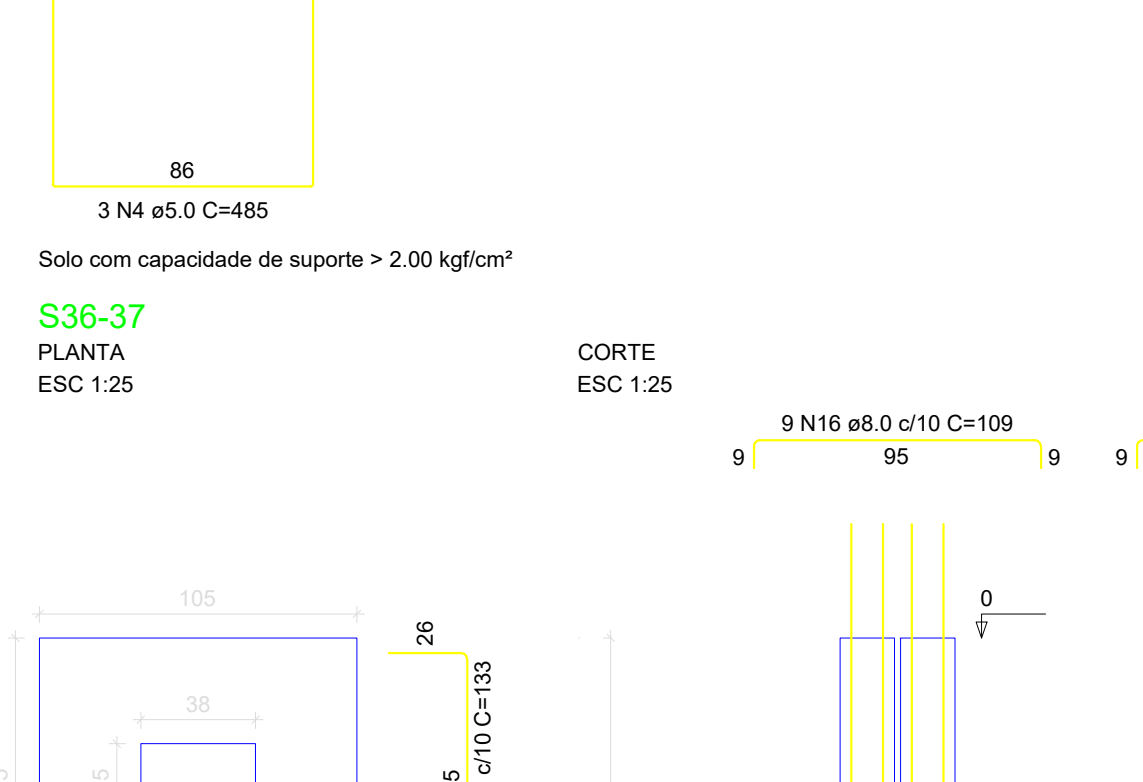
3 N4 ø5.0 C=485

Solo com capacidade de suporte > 2.00 kgf/cm²

S36-37

PLANTA

ESC 1:25



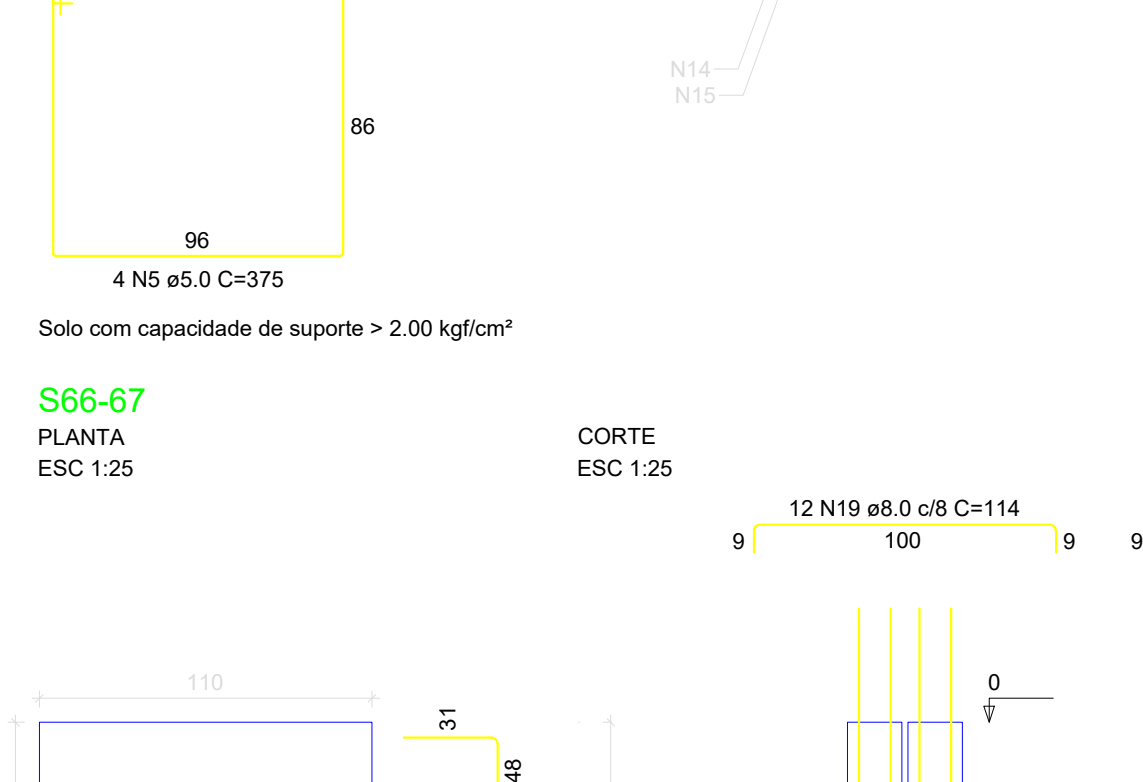
4 N5 ø5.0 C=375

Solo com capacidade de suporte > 2.00 kgf/cm²

S66-67

PLANTA

ESC 1:25



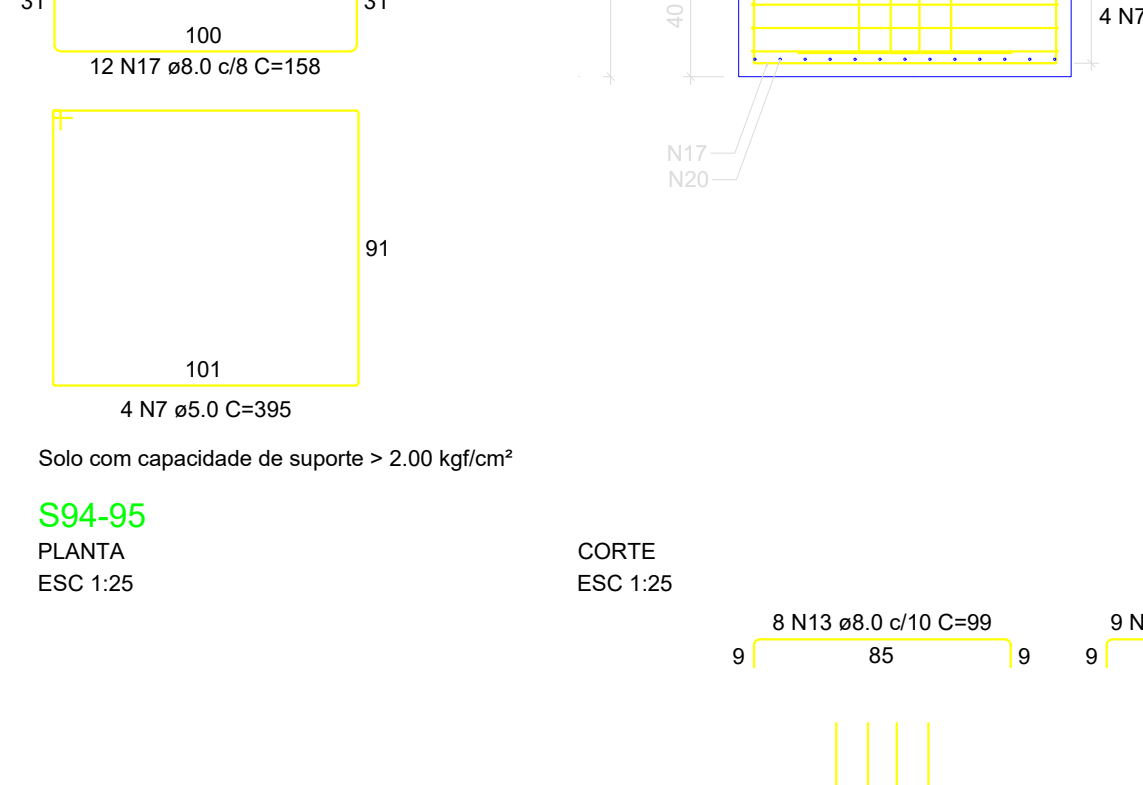
4 N7 ø5.0 C=395

Solo com capacidade de suporte > 2.00 kgf/cm²

S94-95

PLANTA

ESC 1:25



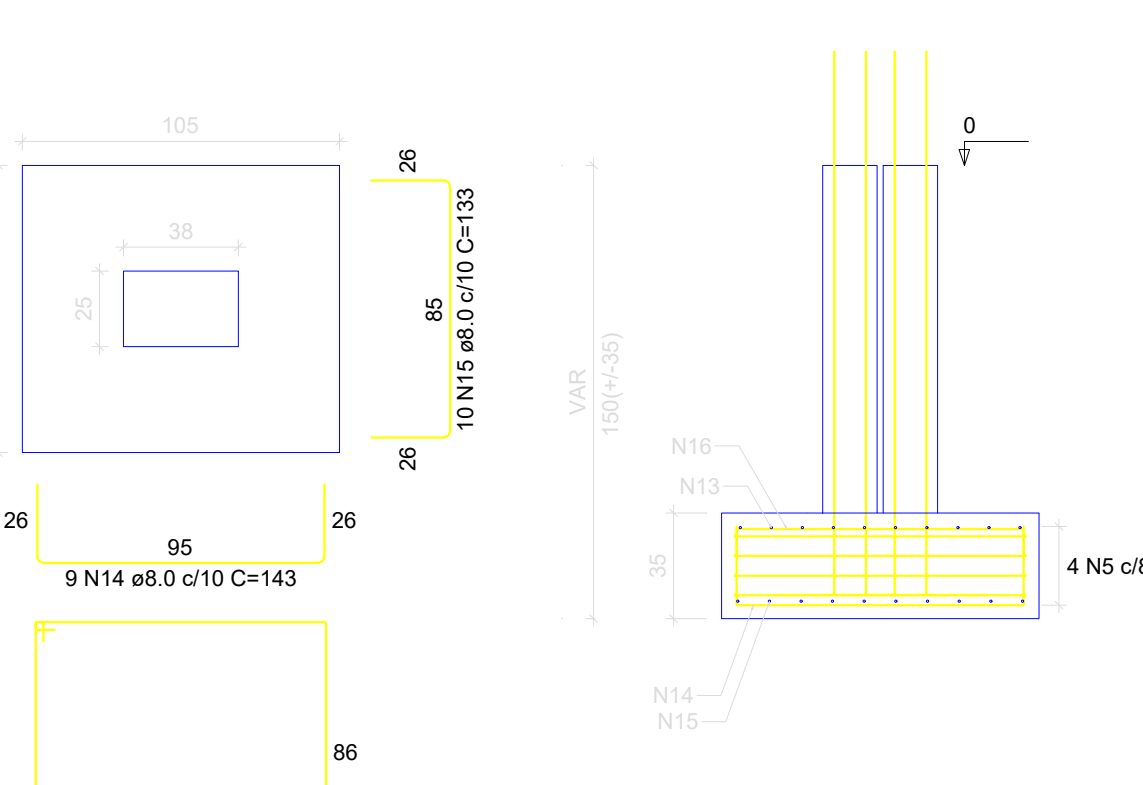
4 N8 ø5.0 C=335

Solo com capacidade de suporte > 2.00 kgf/cm²

S24-25

PLANTA

ESC 1:25



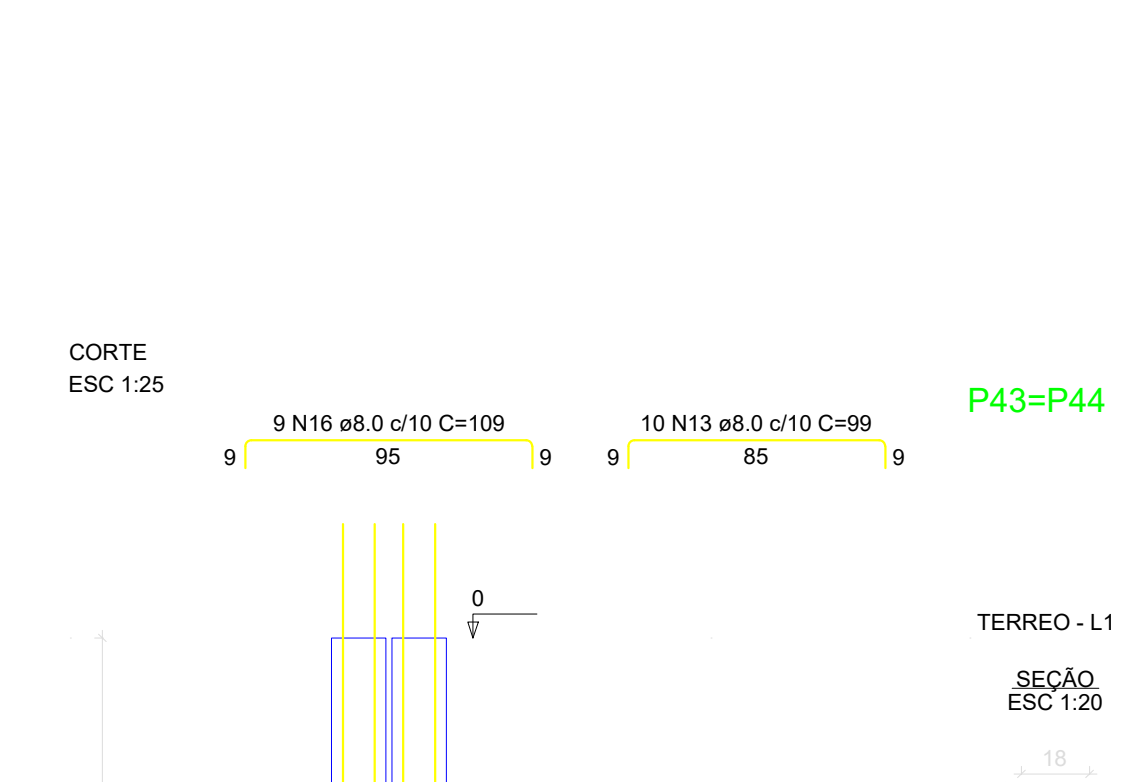
4 N5 ø5.0 C=375

Solo com capacidade de suporte > 2.00 kgf/cm²

S43-44

PLANTA

ESC 1:25



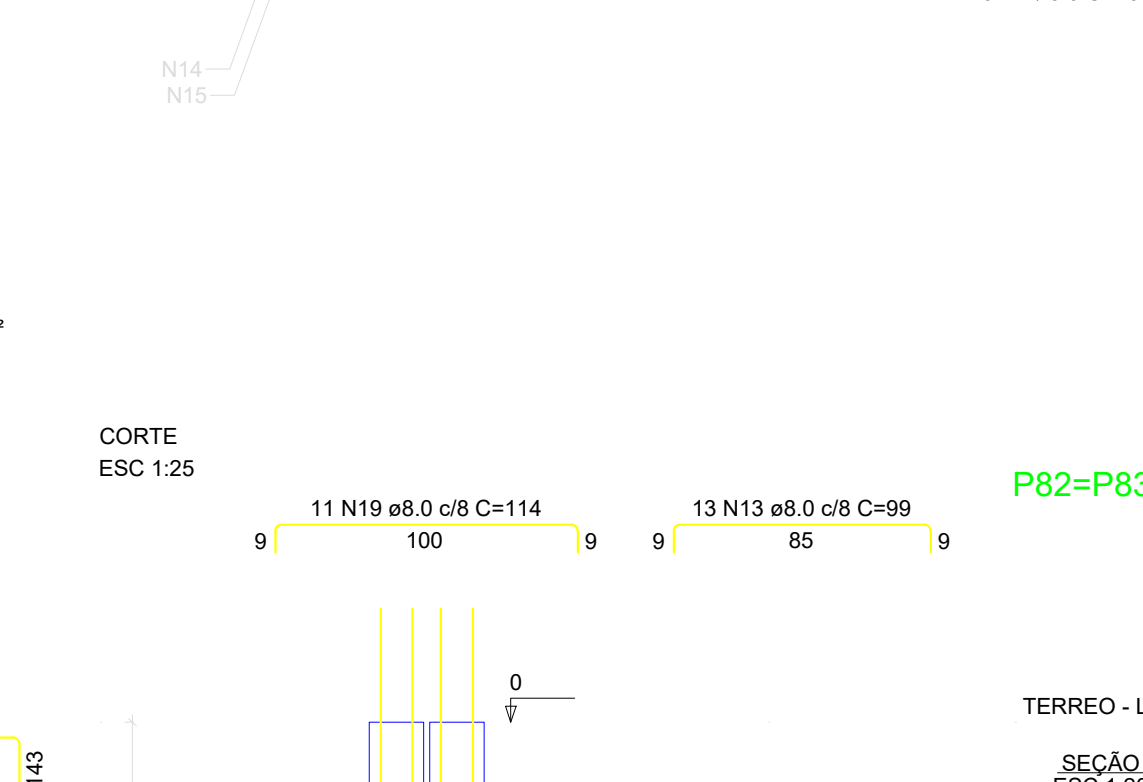
4 N6 ø5.0 C=375

Solo com capacidade de suporte > 2.00 kgf/cm²

S82-83

PLANTA

ESC 1:25



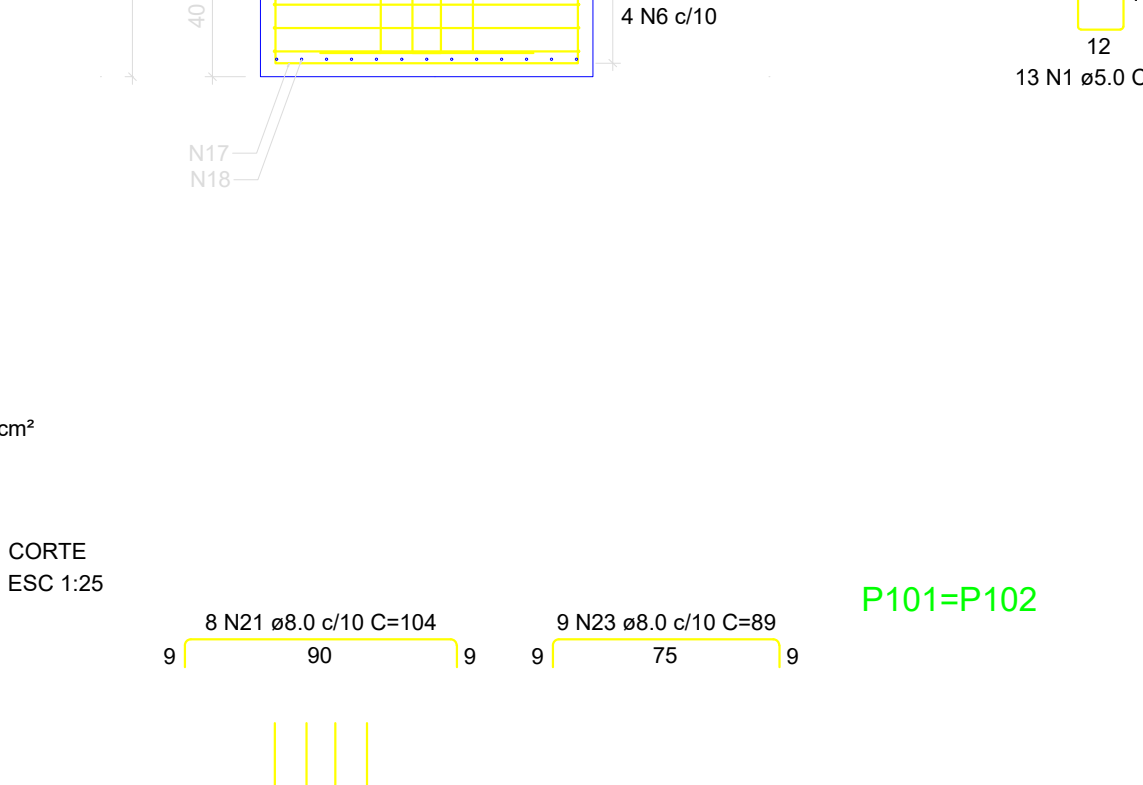
4 N6 ø5.0 C=385

Solo com capacidade de suporte > 2.00 kgf/cm²

S101-102

PLANTA

ESC 1:25



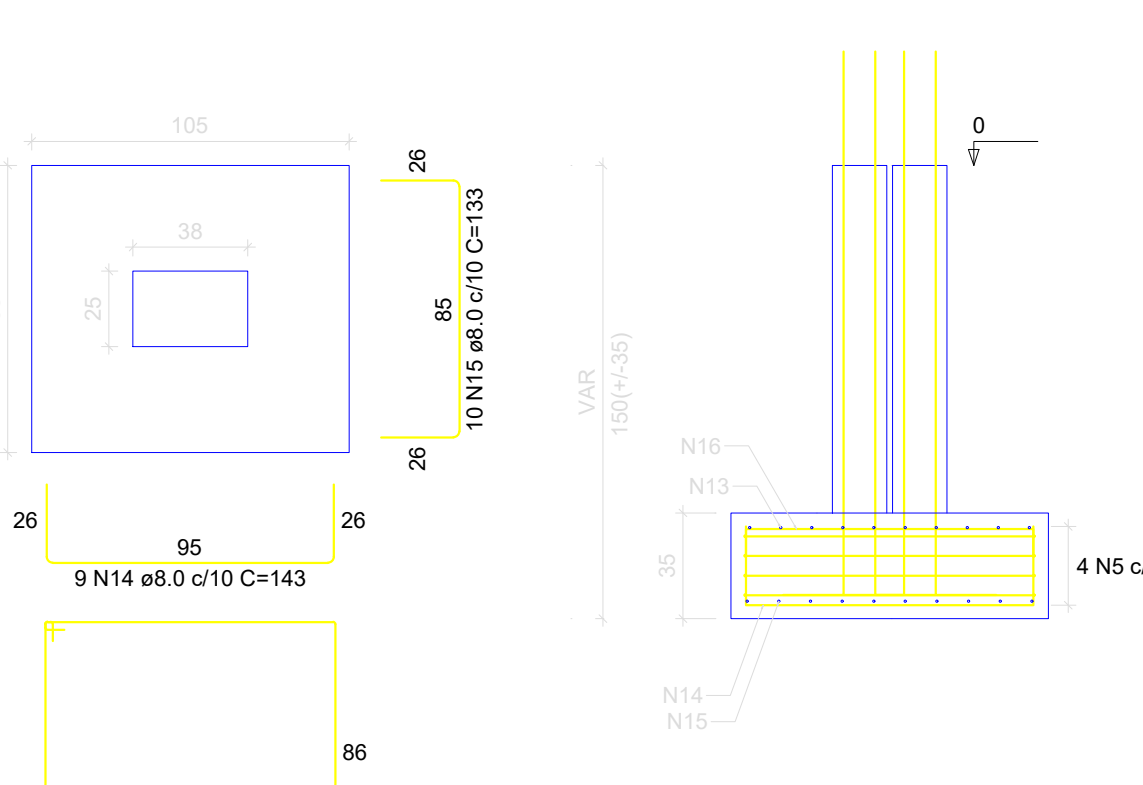
4 N9 ø5.0 C=345

Solo com capacidade de suporte > 2.00 kgf/cm²

S31-32

PLANTA

ESC 1:25



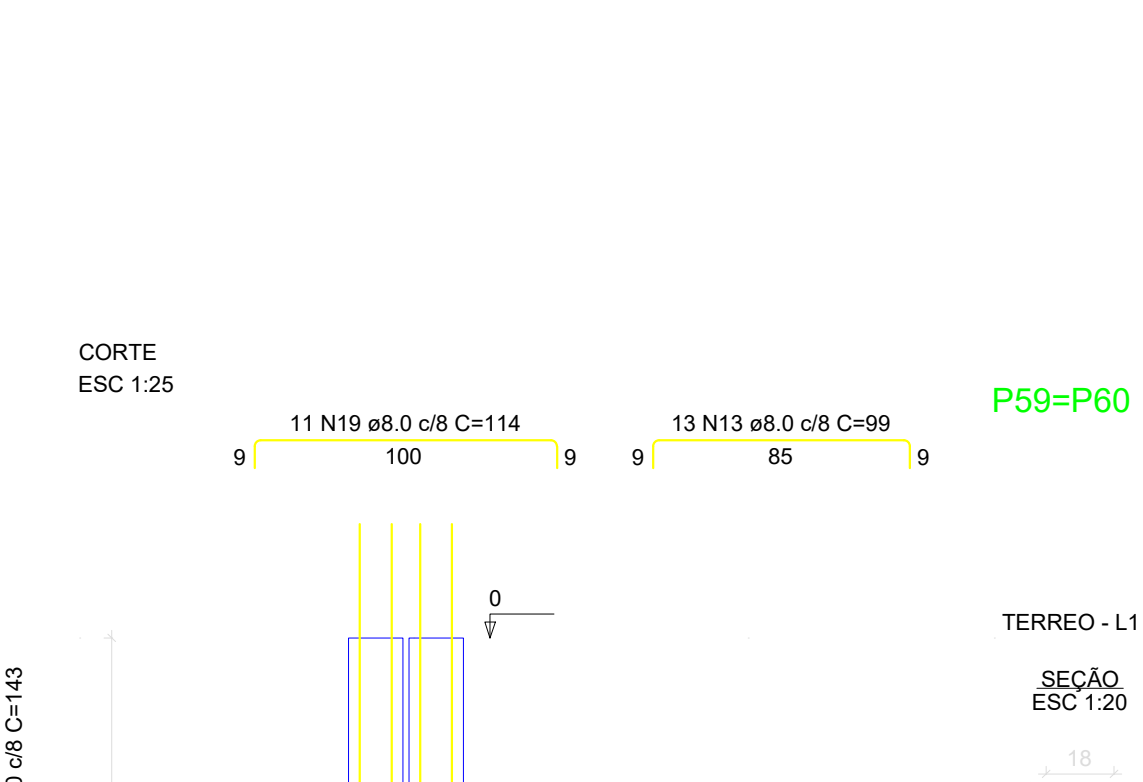
4 N5 ø5.0 C=375

Solo com capacidade de suporte > 2.00 kgf/cm²

S59-60

PLANTA

ESC 1:25



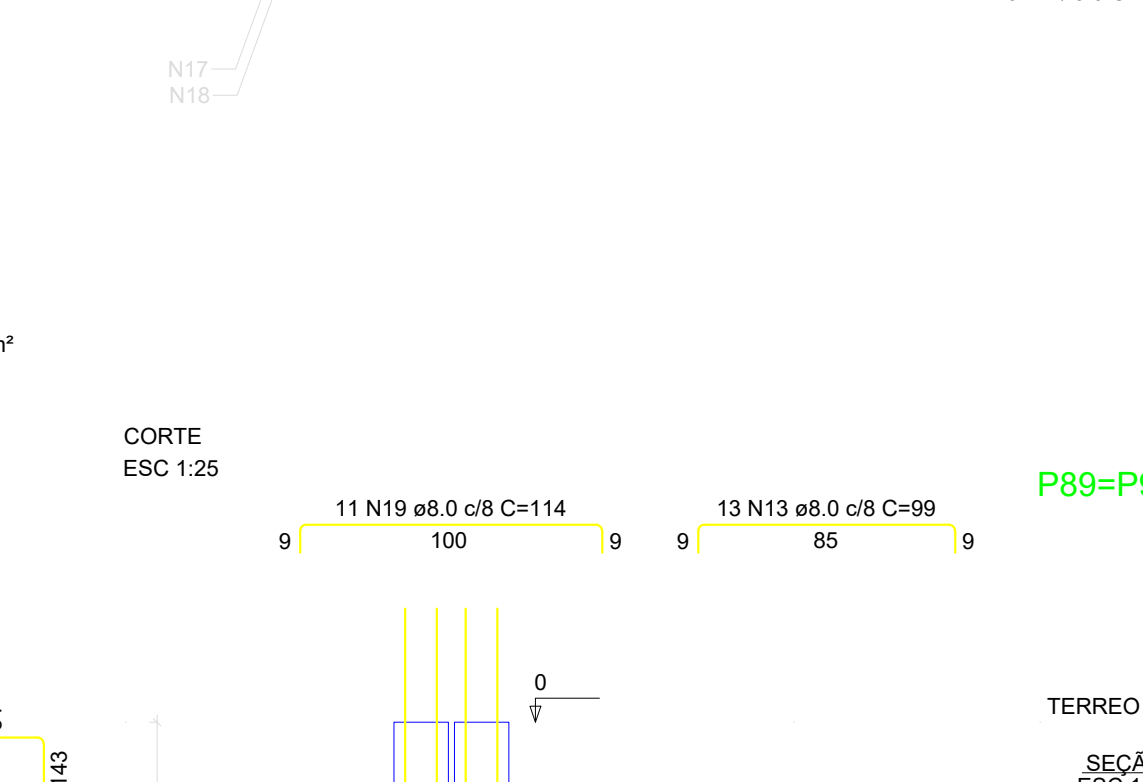
4 N6 ø5.0 C=385

Solo com capacidade de suporte > 2.00 kgf/cm²

S89-90

PLANTA

ESC 1:25



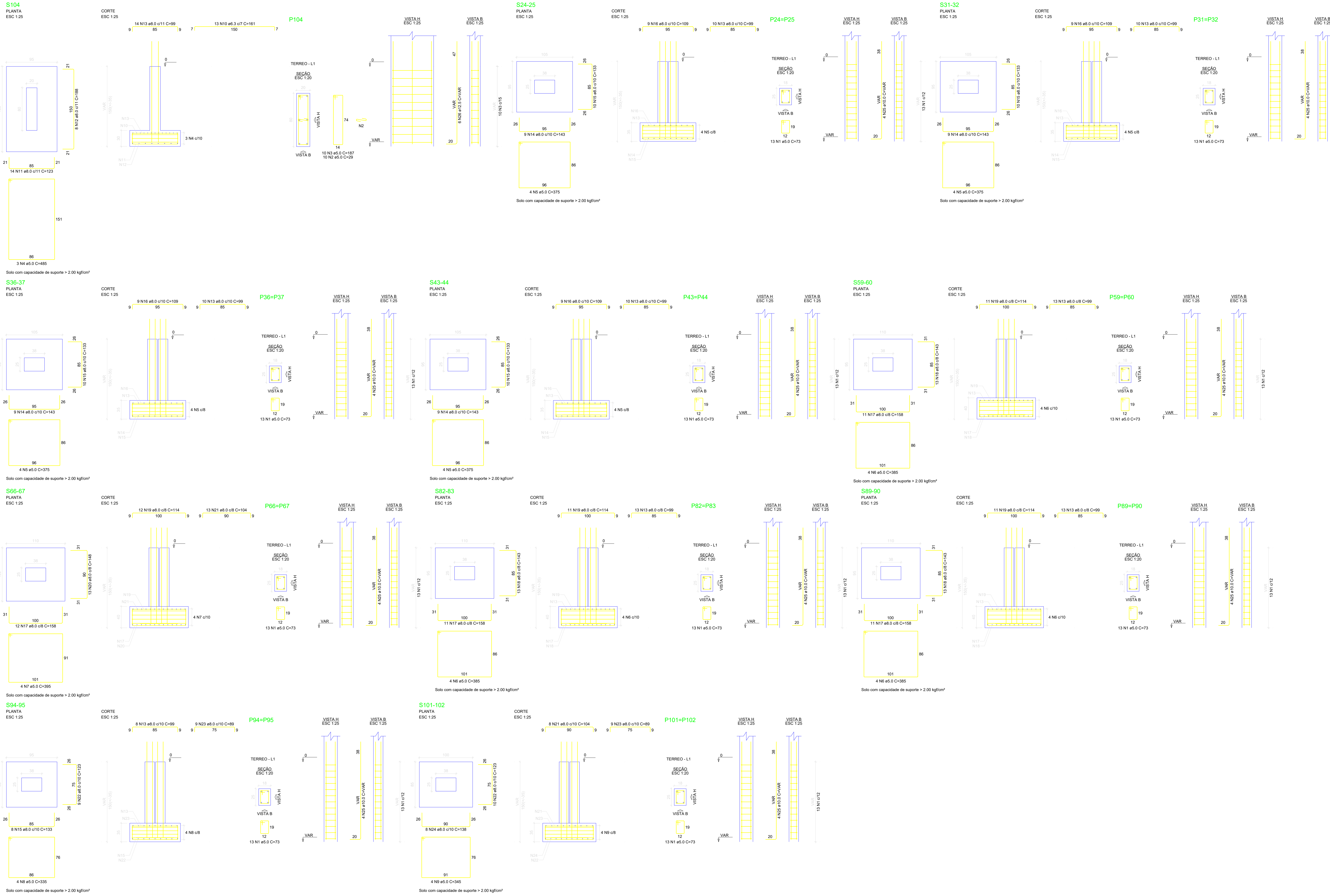
4 N6 ø5.0 C=385

Solo com capacidade de suporte > 2.00 kgf/cm²

RELAÇÃO DO AÇO					
ACO	N	DIAM (mm)	QUANT	C TOTAL (cm)	C TOTAL (kg)
CABO	N1	5.0	260	73	18695
	N2	5.0	10	20	260
	N3	5.0	10	187	1370
	N4	5.0	3	485	1455
	N5	5.0	12	385	4620
	N6	5.0	4	385	1480
	N7	5.0	13	191	1340
	N8	5.0	14	123	1120
	N9	5.0	8	180	1104
	N10	5.0	80	90	6060
CABO	N11	5.0	30	143	2140
	N12	5.0	45	133	1384
	N13	5.0	45	106	1110
	N14	5.0	30	109	1624
	N15	5.0	30	143	2172
	N16	5.0	20	104	1154
	N17	5.0	10	123	2337
	N18	5.0	14	89	1602
	N19	5.0	8	130	1104
	N20	5.0	8	VAR	VAR

RESUMO DO AÇO					
ACO	N	DIAM (mm)	C TOTAL (m)	PESO + 10% (kg)	
CABO	N1	5.0	26.0	3.8	
	N2	5.0	0.0	0.0	
	N3	5.0	0.0	0.0	
	N4	5.0	0.0	0.0	
	N5	5.0	0.0	0.0	
	N6	5.0	0.0	0.0	
	N7	5.0	0.0	0.0	
	N8	5.0	0.0	0.0	
	N9	5.0	0.0	0.0	
	N10	5.0	0.0	0.0	
CABO	N11	5.0	0.0	0.0	
	N12	5.0	0.0	0.0	
	N13	5.0	0.0	0.0	
	N14	5.0	0.0	0.0	
	N15	5.0	0.0	0.0	
	N16	5.0	0.0	0.0	
	N17	5.0	0.0	0.0	
	N18	5.0	0.0	0.0	
	N19	5.0	0.0	0.0	
	N20	5.0	0.0	0.0	

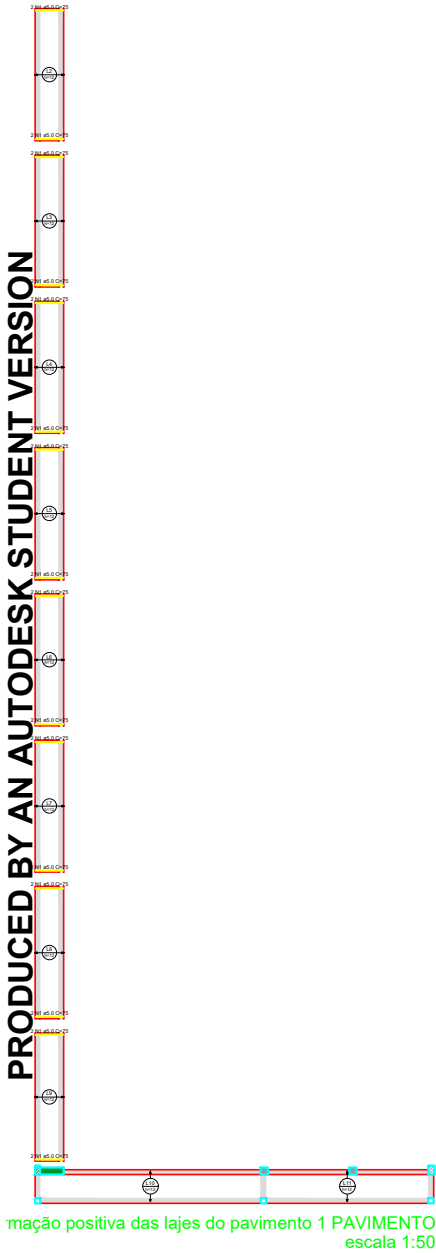
Volume de concreto (C-25) = 5.34 m³
Área da forma = 38.12 m²



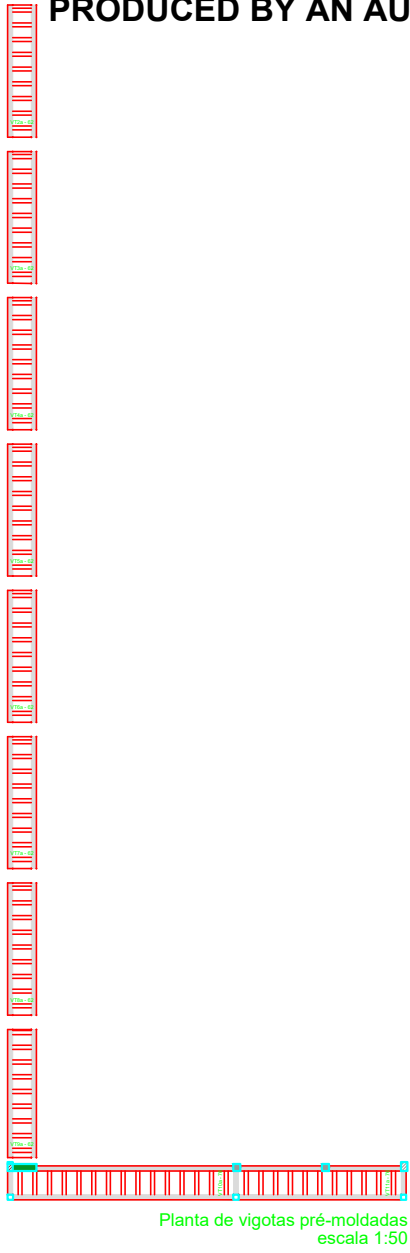
RELAÇÃO DO AÇO					
ACO	N	DIAM (mm)	QUANT	G-TOTAL (kg)	G-TOTAL (kg)
CA50	2	8.0	20	79	1985
	3	8.0	10	39	256
	4	8.0	10	39	1875
	5	8.0	10	39	1875
	6	8.0	10	39	1875
	7	8.0	10	39	1875
	8	8.0	10	39	1875
	9	8.0	10	39	1875
	10	8.0	10	39	1875
	11	8.0	10	39	1875
CA50	12	8.0	10	39	1875
	13	8.0	10	39	1875
	14	8.0	10	39	1875
	15	8.0	10	39	1875
	16	8.0	10	39	1875
	17	8.0	10	39	1875
	18	8.0	10	39	1875
	19	8.0	10	39	1875
	20	8.0	10	39	1875
	21	8.0	10	39	1875

RESUMO DO AÇO					
ACO	DIAM (mm)	G-TOTAL (kg)	PERO-TOTAL (kg)	PERO-TOTAL (kg)	PERO-TOTAL (kg)
CA50	8.0	20.9	2.8	2.8	2.8
	10.0	10.0	1.4	1.4	1.4
	12.0	10.0	1.4	1.4	1.4
	14.0	10.0	1.4	1.4	1.4
	16.0	10.0	1.4	1.4	1.4
	18.0	10.0	1.4	1.4	1.4
	20.0	10.0	1.4	1.4	1.4
	22.0	10.0	1.4	1.4	1.4
	24.0	10.0	1.4	1.4	1.4
	26.0	10.0	1.4	1.4	1.4
CA50	28.0	10.0	1.4	1.4	1.4
	30.0	10.0	1.4	1.4	1.4
	32.0	10.0	1.4	1.4	1.4
	34.0	10.0	1.4	1.4	1.4
	36.0	10.0	1.4	1.4	1.4
	38.0	10.0	1.4	1.4	1.4
	40.0	10.0	1.4	1.4	1.4
	42.0	10.0	1.4	1.4	1.4
	44.0	10.0	1.4	1.4	1.4
	46.0	10.0	1.4	1.4	1.4

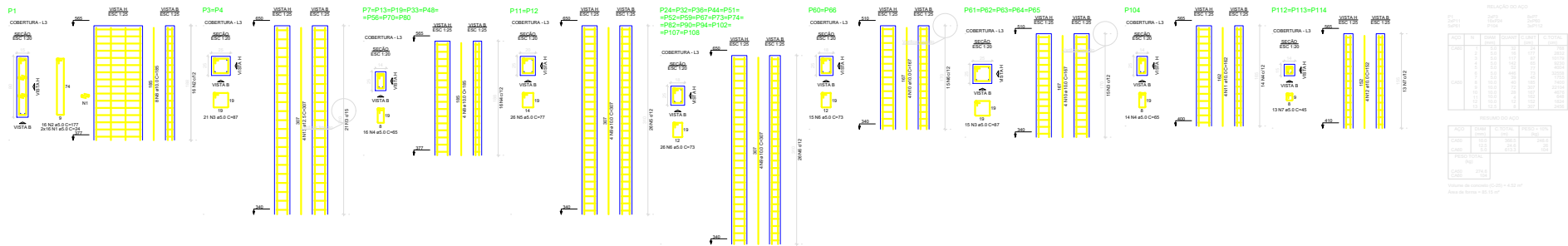
Voluma do concreto (C-50) = 5.34 m³
Área de forma = 38.12 m²

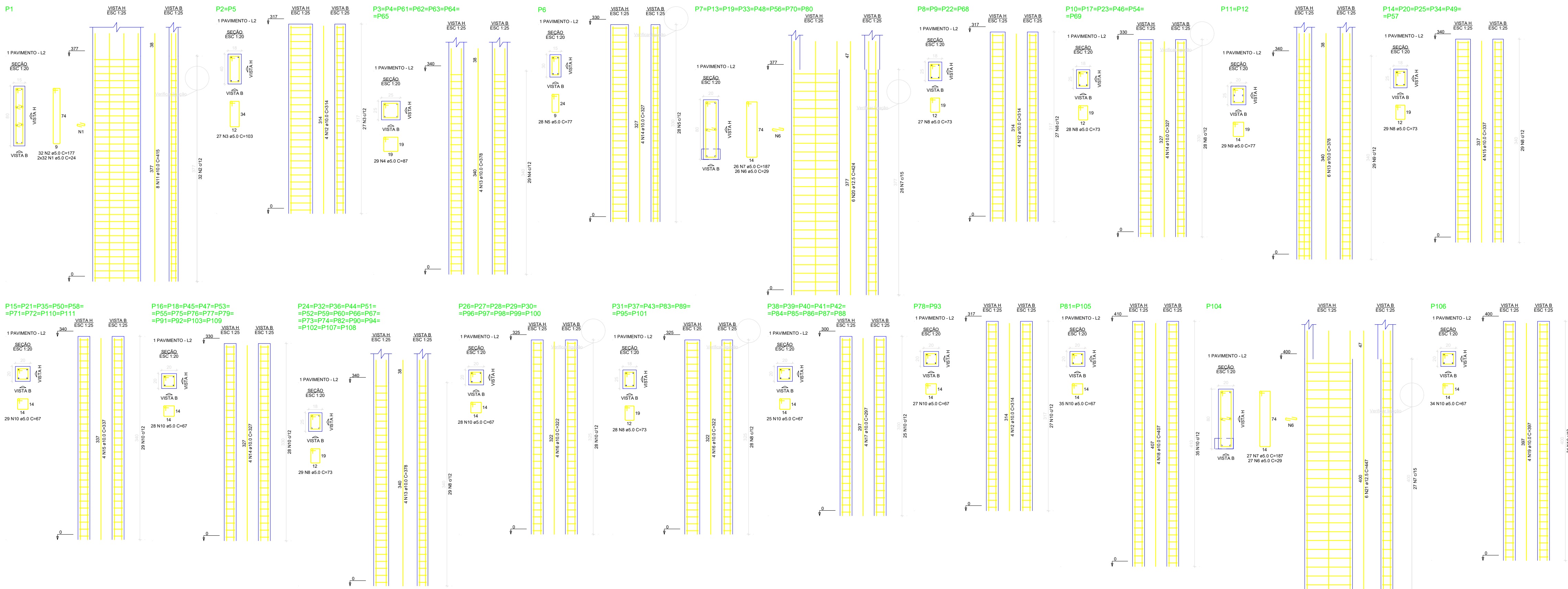


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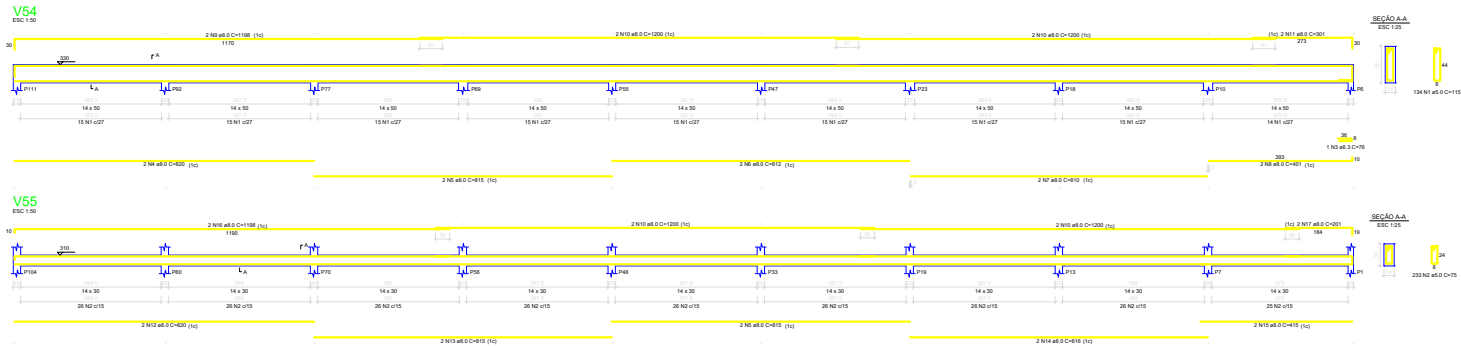
PRODUCED BY AN AUTODESK STUDENT VERSION





RELACÃO DO AÇO						
ACO	N	DIAM	QUANT	CUMUL	C TOTAL	
CARGO	1	5,0	84	28	1536	
	2	5,0	84	56	1680	
	3	5,0	54	84	1764	
	4	5,0	54	112	1848	
	5	5,0	28	140	1912	
	6	5,0	28	168	1968	
	7	5,0	28	196	2012	
	8	5,0	28	224	2048	
	9	5,0	28	252	2076	
	10	5,0	28	280	2104	
CARGO	11	5,0	136	416	2240	
	12	10,0	82	498	2322	
	13	10,0	82	580	2404	
	14	10,0	82	662	2486	
	15	10,0	82	744	2568	
	16	10,0	82	826	2650	
	17	10,0	82	908	2732	
	18	10,0	82	990	2814	
	19	10,0	82	1072	2896	
	20	10,0	82	1154	2978	
RESUMO DO AÇO						
ACO	N	DIAM	C TOTAL	PREÇO - 10% INCL	PREÇO TOTAL	
CARGO	10	5,0	440,0	2104	2314,4	
CARGO	10	12,0	230,0	2650	2915,0	
PREÇO TOTAL			470	2375,4	4409,4	
CARGO	10	12,0	230,0	2650	2915,0	
CARGO	10	5,0	440,0	2104	2314,4	
Valores de consumo (C-20) = 20,82 m³						
Valores de consumo (C-25) = 30,87 m³						





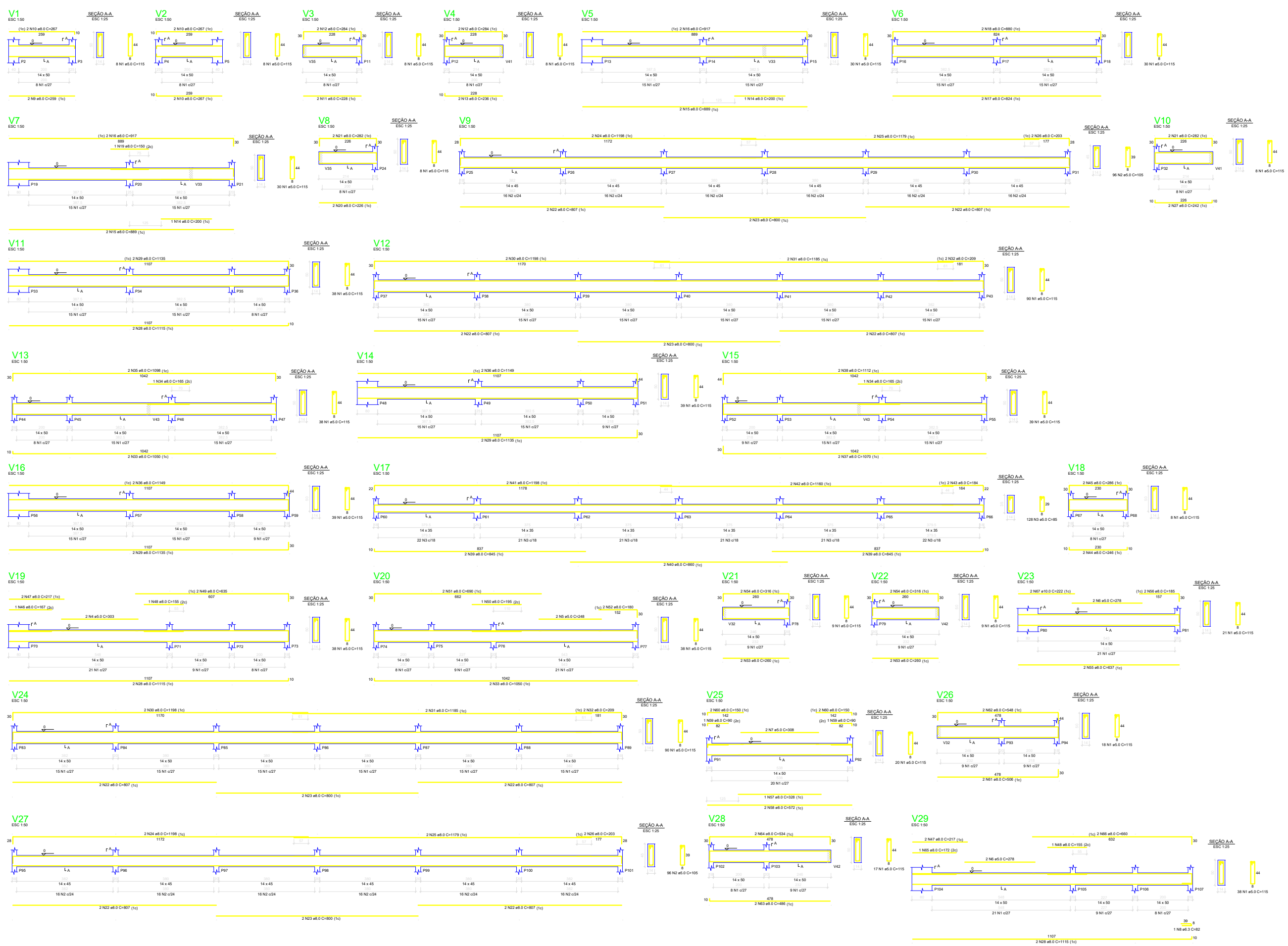
RELACIONAMENTO DE MATERIAIS

ITEM	QUANTIDADE	UNIDADE	VALOR	VALOR	VALOR
1	1.00	m³	1.00	1.00	1.00
2	1.00	m³	1.00	1.00	1.00
3	1.00	m³	1.00	1.00	1.00
4	1.00	m³	1.00	1.00	1.00
5	1.00	m³	1.00	1.00	1.00
6	1.00	m³	1.00	1.00	1.00
7	1.00	m³	1.00	1.00	1.00
8	1.00	m³	1.00	1.00	1.00
9	1.00	m³	1.00	1.00	1.00
10	1.00	m³	1.00	1.00	1.00
11	1.00	m³	1.00	1.00	1.00
12	1.00	m³	1.00	1.00	1.00
13	1.00	m³	1.00	1.00	1.00
14	1.00	m³	1.00	1.00	1.00
15	1.00	m³	1.00	1.00	1.00
16	1.00	m³	1.00	1.00	1.00
17	1.00	m³	1.00	1.00	1.00
18	1.00	m³	1.00	1.00	1.00
19	1.00	m³	1.00	1.00	1.00
20	1.00	m³	1.00	1.00	1.00
21	1.00	m³	1.00	1.00	1.00
22	1.00	m³	1.00	1.00	1.00
23	1.00	m³	1.00	1.00	1.00
24	1.00	m³	1.00	1.00	1.00
25	1.00	m³	1.00	1.00	1.00
26	1.00	m³	1.00	1.00	1.00
27	1.00	m³	1.00	1.00	1.00
28	1.00	m³	1.00	1.00	1.00
29	1.00	m³	1.00	1.00	1.00
30	1.00	m³	1.00	1.00	1.00
31	1.00	m³	1.00	1.00	1.00
32	1.00	m³	1.00	1.00	1.00
33	1.00	m³	1.00	1.00	1.00
34	1.00	m³	1.00	1.00	1.00
35	1.00	m³	1.00	1.00	1.00
36	1.00	m³	1.00	1.00	1.00
37	1.00	m³	1.00	1.00	1.00
38	1.00	m³	1.00	1.00	1.00
39	1.00	m³	1.00	1.00	1.00
40	1.00	m³	1.00	1.00	1.00
41	1.00	m³	1.00	1.00	1.00
42	1.00	m³	1.00	1.00	1.00
43	1.00	m³	1.00	1.00	1.00
44	1.00	m³	1.00	1.00	1.00
45	1.00	m³	1.00	1.00	1.00
46	1.00	m³	1.00	1.00	1.00
47	1.00	m³	1.00	1.00	1.00
48	1.00	m³	1.00	1.00	1.00
49	1.00	m³	1.00	1.00	1.00
50	1.00	m³	1.00	1.00	1.00
51	1.00	m³	1.00	1.00	1.00
52	1.00	m³	1.00	1.00	1.00
53	1.00	m³	1.00	1.00	1.00
54	1.00	m³	1.00	1.00	1.00
55	1.00	m³	1.00	1.00	1.00
56	1.00	m³	1.00	1.00	1.00
57	1.00	m³	1.00	1.00	1.00
58	1.00	m³	1.00	1.00	1.00
59	1.00	m³	1.00	1.00	1.00
60	1.00	m³	1.00	1.00	1.00
61	1.00	m³	1.00	1.00	1.00
62	1.00	m³	1.00	1.00	1.00
63	1.00	m³	1.00	1.00	1.00
64	1.00	m³	1.00	1.00	1.00
65	1.00	m³	1.00	1.00	1.00
66	1.00	m³	1.00	1.00	1.00
67	1.00	m³	1.00	1.00	1.00
68	1.00	m³	1.00	1.00	1.00
69	1.00	m³	1.00	1.00	1.00
70	1.00	m³	1.00	1.00	1.00
71	1.00	m³	1.00	1.00	1.00
72	1.00	m³	1.00	1.00	1.00
73	1.00	m³	1.00	1.00	1.00
74	1.00	m³	1.00	1.00	1.00
75	1.00	m³	1.00	1.00	1.00
76	1.00	m³	1.00	1.00	1.00
77	1.00	m³	1.00	1.00	1.00
78	1.00	m³	1.00	1.00	1.00
79	1.00	m³	1.00	1.00	1.00
80	1.00	m³	1.00	1.00	1.00
81	1.00	m³	1.00	1.00	1.00
82	1.00	m³	1.00	1.00	1.00
83	1.00	m³	1.00	1.00	1.00
84	1.00	m³	1.00	1.00	1.00
85	1.00	m³	1.00	1.00	1.00
86	1.00	m³	1.00	1.00	1.00
87	1.00	m³	1.00	1.00	1.00
88	1.00	m³	1.00	1.00	1.00
89	1.00	m³	1.00	1.00	1.00
90	1.00	m³	1.00	1.00	1.00
91	1.00	m³	1.00	1.00	1.00
92	1.00	m³	1.00	1.00	1.00
93	1.00	m³	1.00	1.00	1.00
94	1.00	m³	1.00	1.00	1.00
95	1.00	m³	1.00	1.00	1.00
96	1.00	m³	1.00	1.00	1.00
97	1.00	m³	1.00	1.00	1.00
98	1.00	m³	1.00	1.00	1.00
99	1.00	m³	1.00	1.00	1.00
100	1.00	m³	1.00	1.00	1.00

RESUMO DOS ALÇOS

ITEM	QUANTIDADE	UNIDADE	VALOR	VALOR	VALOR
1	1.00	m³	1.00	1.00	1.00
2	1.00	m³	1.00	1.00	1.00
3	1.00	m³	1.00	1.00	1.00
4	1.00	m³	1.00	1.00	1.00
5	1.00	m³	1.00	1.00	1.00
6	1.00	m³	1.00	1.00	1.00
7	1.00	m³	1.00	1.00	1.00
8	1.00	m³	1.00	1.00	1.00
9	1.00	m³	1.00	1.00	1.00
10	1.00	m³	1.00	1.00	1.00
11	1.00	m³	1.00	1.00	1.00
12	1.00	m³	1.00	1.00	1.00
13	1.00	m³	1.00	1.00	1.00
14	1.00	m³	1.00	1.00	1.00
15	1.00	m³	1.00	1.00	1.00
16	1.00	m³	1.00	1.00	1.00
17	1.00	m³	1.00	1.00	1.00
18	1.00	m³	1.00	1.00	1.00
19	1.00	m³	1.00	1.00	1.00
20	1.00	m³	1.00	1.00	1.00
21	1.00	m³	1.00	1.00	1.00
22	1.00	m³	1.00	1.00	1.00
23	1.00	m³	1.00	1.00	1.00
24	1.00	m³	1.00	1.00	1.00
25	1.00	m³	1.00	1.00	1.00
26	1.00	m³	1.00	1.00	1.00
27	1.00	m³	1.00	1.00	1.00
28	1.00	m³	1.00	1.00	1.00
29	1.00	m³	1.00	1.00	1.00
30	1.00	m³	1.00	1.00	1.00
31	1.00	m³	1.00	1.00	1.00
32	1.00	m³	1.00	1.00	1.00
33	1.00	m³	1.00	1.00	1.00
34	1.00	m³	1.00	1.00	1.00
35	1.00	m³	1.00	1.00	1.00
36	1.00	m³	1.00	1.00	1.00
37	1.00	m³	1.00	1.00	1.00
38	1.00	m³	1.00	1.00	1.00
39	1.00	m³	1.00	1.00	1.00
40	1.00	m³	1.00	1.00	1.00
41	1.00	m³	1.00	1.00	1.00
42	1.00	m³	1.00	1.00	1.00
43	1.00	m³	1.00	1.00	1.00
44	1.00	m³	1.00	1.00	1.00
45	1.00	m³	1.00	1.00	1.00
46	1.00	m³	1.00	1.00	1.00
47	1.00	m³	1.00	1.00	1.00
48	1.00	m³	1.00	1.00	1.00
49	1.00	m³	1.00	1.00	1.00
50	1.00	m³	1.00	1.00	1.00
51	1.00	m³	1.00	1.00	1.00
52	1.00	m³	1.00	1.00	1.00
53	1.00	m³	1.00	1.00	1.00
54	1.00	m³	1.00	1.00	1.00
55	1.00	m³	1.00	1.00	1.00
56	1.00	m³	1.00	1.00	1.00
57	1.00	m³	1.00	1.00	1.00
58	1.00	m³	1.00	1.00	1.00
59	1.00	m³	1.00	1.00	1.00
60	1.00	m³	1.00	1.00	1.00
61	1.00	m³	1.00	1.00	1.00
62	1.00	m³	1.00	1.00	1.00
63	1.00	m³	1.00	1.00	1.00
64	1.00	m³	1.00	1.00	1.00
65	1.00	m³	1.00	1.00	1.00
66	1.00	m³	1.00	1.00	1.00
67	1.00	m³	1.00	1.00	1.00
68	1.00	m³	1.00	1.00	1.00
69	1.00	m³	1.00	1.00	1.00
70	1.00	m³	1.00	1.00	1.00
71	1.00	m³	1.00	1.00	1.00
72	1.00	m³	1.00	1.00	1.00
73	1.00	m³	1.00	1.00	1.00
74	1.00	m³	1.00	1.00	1.00
75	1.00	m³	1.00	1.00	1.00
76	1.00	m³	1.00	1.00	1.00
77	1.00	m³	1.00	1.00	1.00
78	1.00	m³	1.00	1.00	1.00
79	1.00	m³	1.00	1.00	1.00
80	1.00	m³	1.00	1.00	1.00
81	1.00	m³	1.00	1.00	1.00
82	1.00	m³	1.00	1.00	1.00
83	1.00	m³	1.00	1.00	1.00
84	1.00	m³	1.00	1.00	1.00
85	1.00	m³	1.00	1.00	1.00
86	1.00	m³	1.00	1.00	1.00
87	1.00	m³	1.00	1.00	1.00
88	1.00	m³	1.00	1.00	1.00
89	1.00	m³	1.00	1.00	1.00
90	1.00	m³	1.00	1.00	1.00
91	1.00	m³	1.00	1.00	1.00
92	1.00	m³	1.00	1.00	1.00
93	1.00	m³	1.00	1.00	1.00
94	1.00	m³	1.00	1.00	1.00
95	1.00	m³	1.00	1.00	1.00
96	1.00	m³	1.00	1.00	1.00
97	1.00	m³	1.00	1.00	1.00
98	1.00	m³	1.00	1.00	1.00
99	1.00	m³	1.00	1.00	1.00
100	1.00	m³	1.00	1.00	1.00

Volume do concreto (C=150) = 0.00 m³
Peso do ferro = 0.00 kg



Section	Material	Thickness	Unit
V1	Concrete	150	mm
V2	Concrete	150	mm
V3	Concrete	150	mm
V4	Concrete	150	mm
V5	Concrete	150	mm
V6	Concrete	150	mm
V7	Concrete	150	mm
V8	Concrete	150	mm
V9	Concrete	150	mm
V10	Concrete	150	mm
V11	Concrete	150	mm
V12	Concrete	150	mm
V13	Concrete	150	mm
V14	Concrete	150	mm
V15	Concrete	150	mm
V16	Concrete	150	mm
V17	Concrete	150	mm
V18	Concrete	150	mm
V19	Concrete	150	mm
V20	Concrete	150	mm
V21	Concrete	150	mm
V22	Concrete	150	mm
V23	Concrete	150	mm
V24	Concrete	150	mm
V25	Concrete	150	mm
V26	Concrete	150	mm
V27	Concrete	150	mm
V28	Concrete	150	mm
V29	Concrete	150	mm

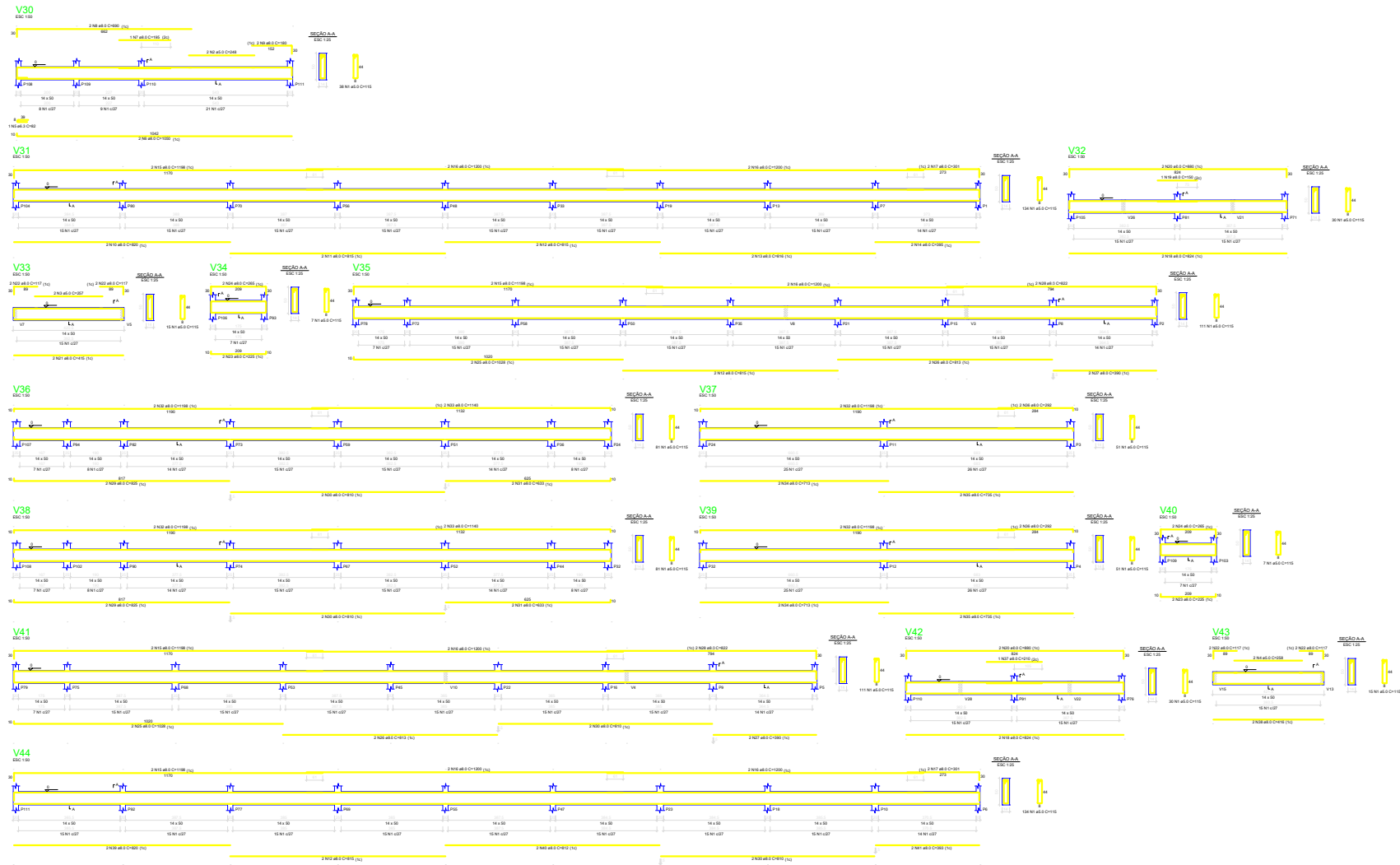



Tabela de Materiais			
Item	Descrição	Quantidade	Unidade
1	2 NBR AB-5 C110B (1x)	1	m
2	2 NBR AB-5 C110B (1x)	1	m
3	2 NBR AB-5 C110B (1x)	1	m
4	2 NBR AB-5 C110B (1x)	1	m
5	2 NBR AB-5 C110B (1x)	1	m
6	2 NBR AB-5 C110B (1x)	1	m
7	2 NBR AB-5 C110B (1x)	1	m
8	2 NBR AB-5 C110B (1x)	1	m
9	2 NBR AB-5 C110B (1x)	1	m
10	2 NBR AB-5 C110B (1x)	1	m
11	2 NBR AB-5 C110B (1x)	1	m
12	2 NBR AB-5 C110B (1x)	1	m
13	2 NBR AB-5 C110B (1x)	1	m
14	2 NBR AB-5 C110B (1x)	1	m
15	2 NBR AB-5 C110B (1x)	1	m
16	2 NBR AB-5 C110B (1x)	1	m
17	2 NBR AB-5 C110B (1x)	1	m
18	2 NBR AB-5 C110B (1x)	1	m
19	2 NBR AB-5 C110B (1x)	1	m
20	2 NBR AB-5 C110B (1x)	1	m
21	2 NBR AB-5 C110B (1x)	1	m
22	2 NBR AB-5 C110B (1x)	1	m
23	2 NBR AB-5 C110B (1x)	1	m
24	2 NBR AB-5 C110B (1x)	1	m
25	2 NBR AB-5 C110B (1x)	1	m
26	2 NBR AB-5 C110B (1x)	1	m
27	2 NBR AB-5 C110B (1x)	1	m
28	2 NBR AB-5 C110B (1x)	1	m
29	2 NBR AB-5 C110B (1x)	1	m
30	2 NBR AB-5 C110B (1x)	1	m
31	2 NBR AB-5 C110B (1x)	1	m
32	2 NBR AB-5 C110B (1x)	1	m
33	2 NBR AB-5 C110B (1x)	1	m
34	2 NBR AB-5 C110B (1x)	1	m
35	2 NBR AB-5 C110B (1x)	1	m
36	2 NBR AB-5 C110B (1x)	1	m
37	2 NBR AB-5 C110B (1x)	1	m
38	2 NBR AB-5 C110B (1x)	1	m
39	2 NBR AB-5 C110B (1x)	1	m
40	2 NBR AB-5 C110B (1x)	1	m
41	2 NBR AB-5 C110B (1x)	1	m
42	2 NBR AB-5 C110B (1x)	1	m
43	2 NBR AB-5 C110B (1x)	1	m
44	2 NBR AB-5 C110B (1x)	1	m
45	2 NBR AB-5 C110B (1x)	1	m
46	2 NBR AB-5 C110B (1x)	1	m
47	2 NBR AB-5 C110B (1x)	1	m
48	2 NBR AB-5 C110B (1x)	1	m
49	2 NBR AB-5 C110B (1x)	1	m
50	2 NBR AB-5 C110B (1x)	1	m
51	2 NBR AB-5 C110B (1x)	1	m
52	2 NBR AB-5 C110B (1x)	1	m
53	2 NBR AB-5 C110B (1x)	1	m
54	2 NBR AB-5 C110B (1x)	1	m
55	2 NBR AB-5 C110B (1x)	1	m
56	2 NBR AB-5 C110B (1x)	1	m
57	2 NBR AB-5 C110B (1x)	1	m
58	2 NBR AB-5 C110B (1x)	1	m
59	2 NBR AB-5 C110B (1x)	1	m
60	2 NBR AB-5 C110B (1x)	1	m
61	2 NBR AB-5 C110B (1x)	1	m
62	2 NBR AB-5 C110B (1x)	1	m
63	2 NBR AB-5 C110B (1x)	1	m
64	2 NBR AB-5 C110B (1x)	1	m
65	2 NBR AB-5 C110B (1x)	1	m
66	2 NBR AB-5 C110B (1x)	1	m
67	2 NBR AB-5 C110B (1x)	1	m
68	2 NBR AB-5 C110B (1x)	1	m
69	2 NBR AB-5 C110B (1x)	1	m
70	2 NBR AB-5 C110B (1x)	1	m
71	2 NBR AB-5 C110B (1x)	1	m
72	2 NBR AB-5 C110B (1x)	1	m
73	2 NBR AB-5 C110B (1x)	1	m
74	2 NBR AB-5 C110B (1x)	1	m
75	2 NBR AB-5 C110B (1x)	1	m
76	2 NBR AB-5 C110B (1x)	1	m
77	2 NBR AB-5 C110B (1x)	1	m
78	2 NBR AB-5 C110B (1x)	1	m
79	2 NBR AB-5 C110B (1x)	1	m
80	2 NBR AB-5 C110B (1x)	1	m
81	2 NBR AB-5 C110B (1x)	1	m
82	2 NBR AB-5 C110B (1x)	1	m
83	2 NBR AB-5 C110B (1x)	1	m
84	2 NBR AB-5 C110B (1x)	1	m
85	2 NBR AB-5 C110B (1x)	1	m
86	2 NBR AB-5 C110B (1x)	1	m
87	2 NBR AB-5 C110B (1x)	1	m
88	2 NBR AB-5 C110B (1x)	1	m
89	2 NBR AB-5 C110B (1x)	1	m
90	2 NBR AB-5 C110B (1x)	1	m
91	2 NBR AB-5 C110B (1x)	1	m
92	2 NBR AB-5 C110B (1x)	1	m
93	2 NBR AB-5 C110B (1x)	1	m
94	2 NBR AB-5 C110B (1x)	1	m
95	2 NBR AB-5 C110B (1x)	1	m
96	2 NBR AB-5 C110B (1x)	1	m
97	2 NBR AB-5 C110B (1x)	1	m
98	2 NBR AB-5 C110B (1x)	1	m
99	2 NBR AB-5 C110B (1x)	1	m
100	2 NBR AB-5 C110B (1x)	1	m

	INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DA PARAÍBA
	Reitoria
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PROJETOS DE ENGENHARIA - PROJETO ESTRUTURAL - CONSTRUÇÃO SEDE PRÓPRIA -
UNIDADE: CAMPUS SAPÉ - IFPB

Assunto:	PROJETOS DE ENGENHARIA - PROJETO ESTRUTURAL - CONSTRUÇÃO SEDE PRÓPRIA - UNIDADE: CAMPUS SAPÉ - IFPB
Assinado por:	Carlos Diego
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- Carlos Diego dos Santos Carvalho, ASSISTENTE EM ADMINISTRACAO, em 28/10/2024 09:27:30.

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