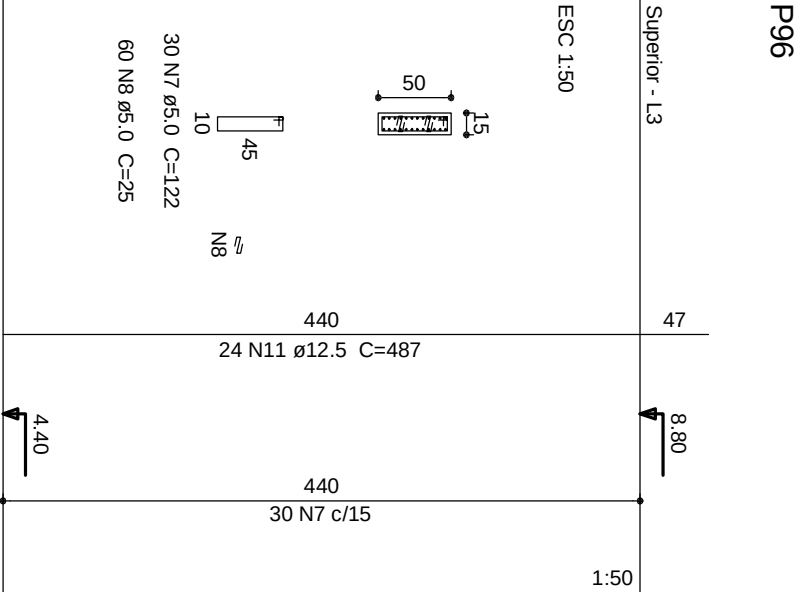
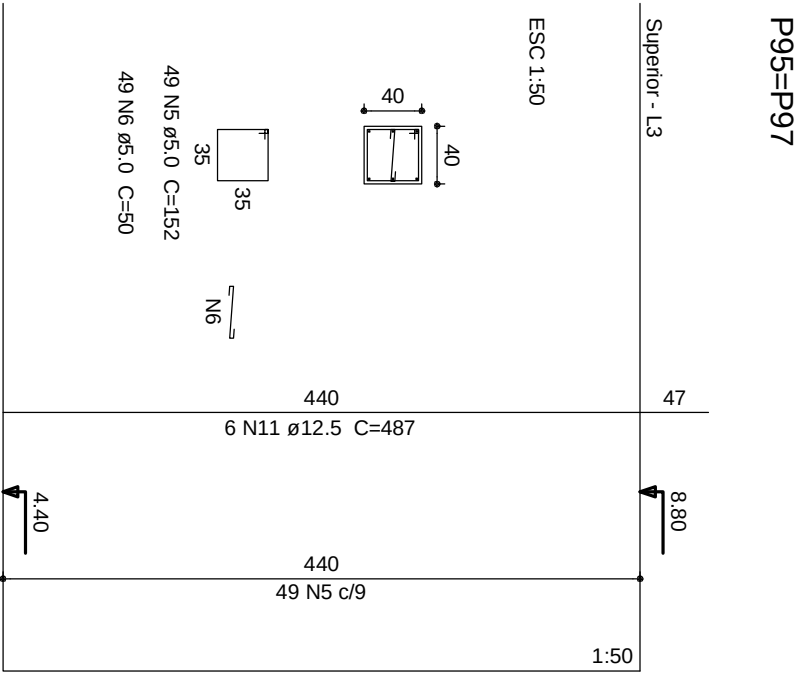
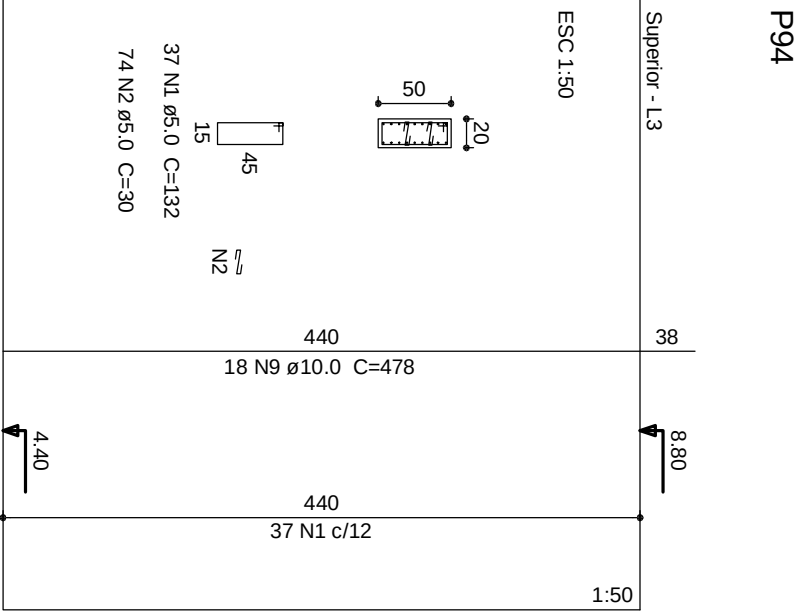
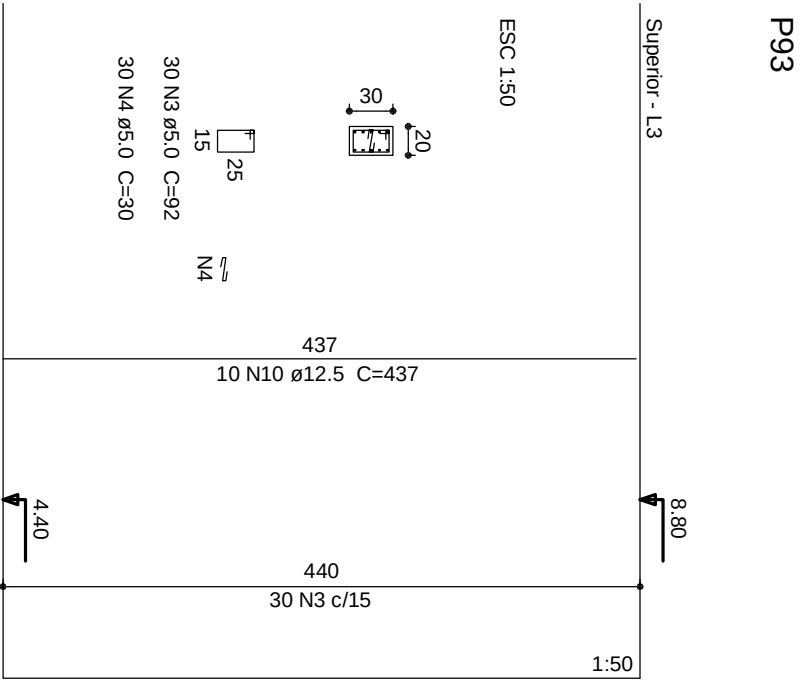
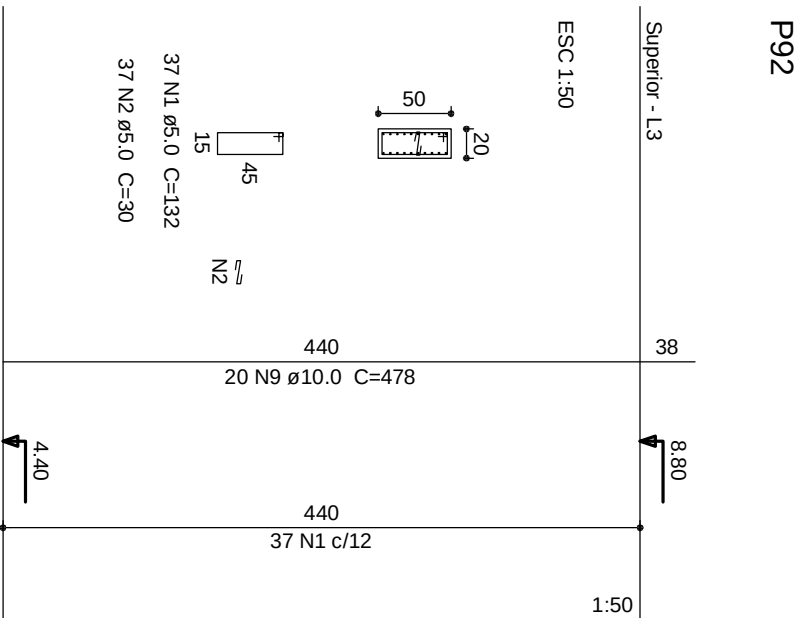
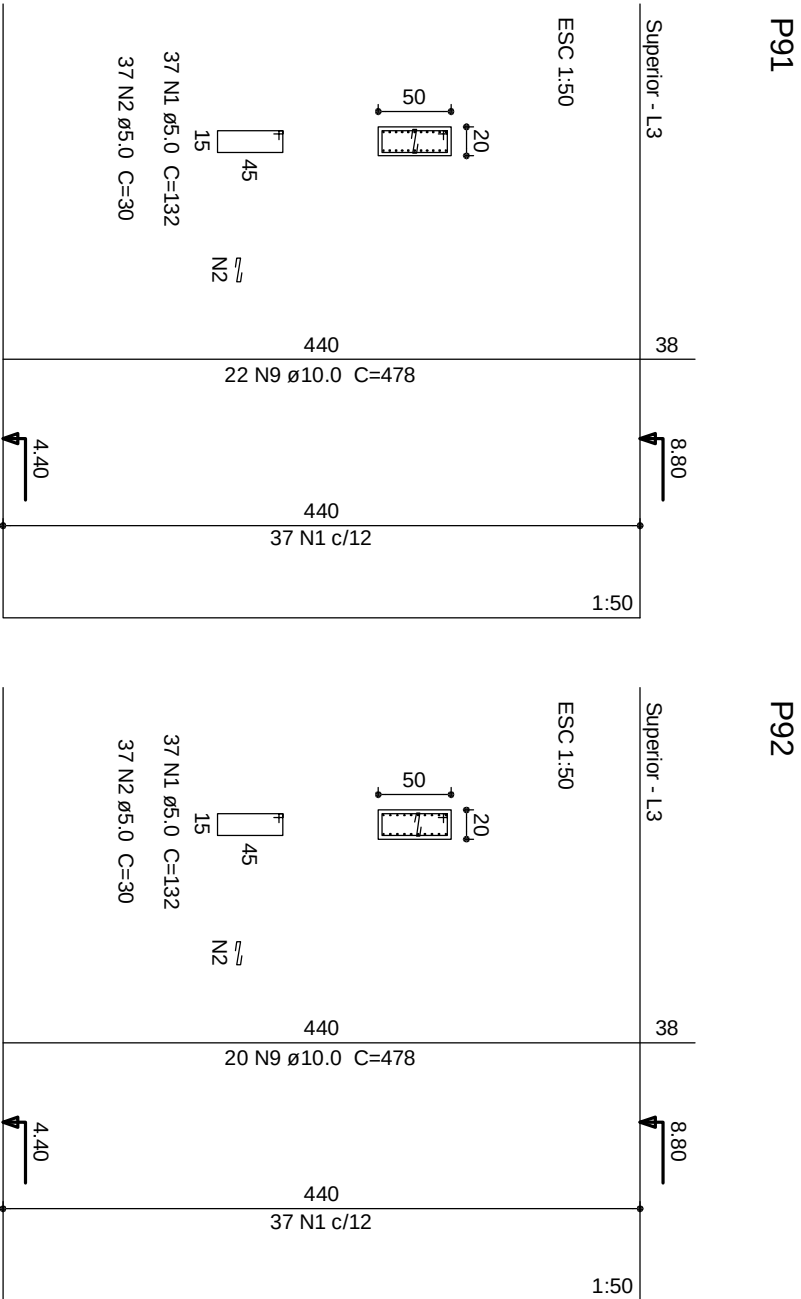




Relação do aço

	ACO	N	DIAM	Q	UNIT	C TOTAL
P91	ACO	1	5.0	111	132	14652
P92	CA60	2	5.0	148	30	4440
P93	CA60	3	5.0	219	30	6570
P94	CA60	4	5.0	30	92	2760
P95	CA60	5	5.0	30	132	4400
P96	CA60	6	5.0	98	50	14800
P97	CA60	7	5.0	30	122	3860
P98	CA60	8	5.0	60	25	1500
P99	CA60	9	10.0	48	478	28800
P100	CA60	10	12.5	36	487	17532

Relação do aço

	ACO	N	DIAM	Q	UNIT	C TOTAL
P95	CA60	1	5.0	26	150	3800
P96	CA60	2	5.0	219	30	13500
P97	CA60	3	5.0	219	30	6570
P98	CA60	4	5.0	21	142	2882
P99	CA60	5	5.0	21	34	714
P100	CA60	6	10.0	10	412	4120
P101	CA60	7	10.0	14	197	6928
P102	CA60	8	10.0	12	177	2532
P103	CA60	9	18.0	6	117	1062
P104	CA60	10	20.0	8	412	3295

Resumo do aço

ACO	DIAM	C TOTAL	PESO + 10 %
ACO	10.0	128.1	89.5
CA60	12.5	288.8	194.5
CA60	15.0	219.1	232.1
CA60	5.0	477.1	80.9
PESO TOTAL			593.0
CA60	426.6		80.9

Resumo do aço

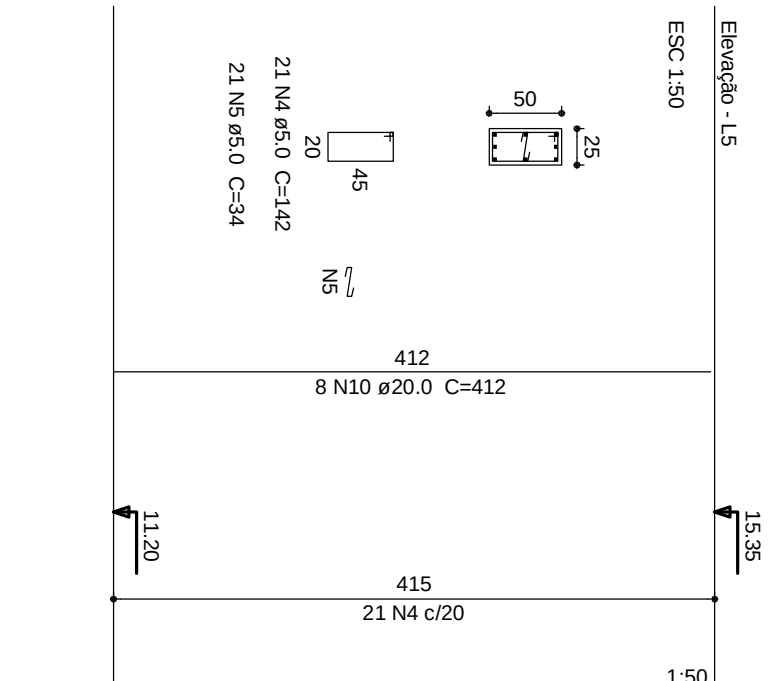
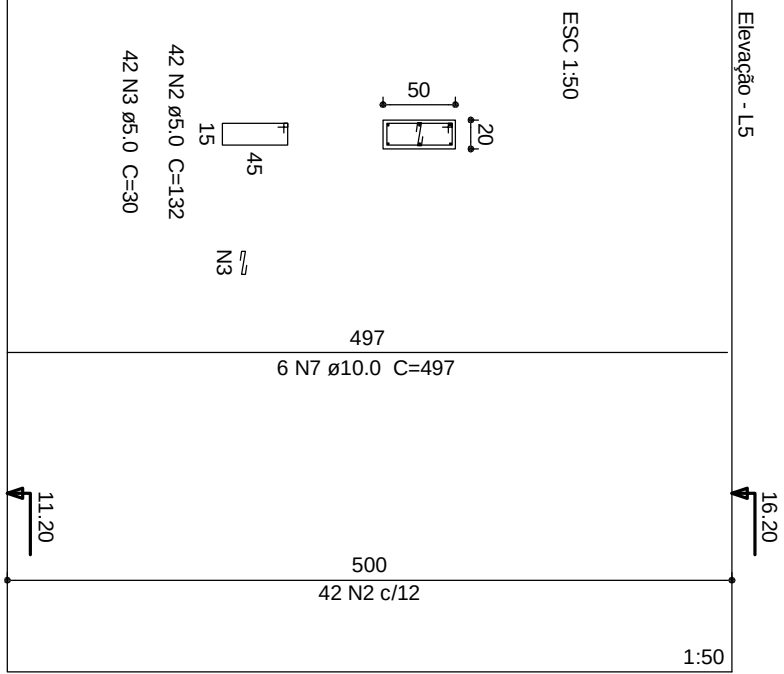
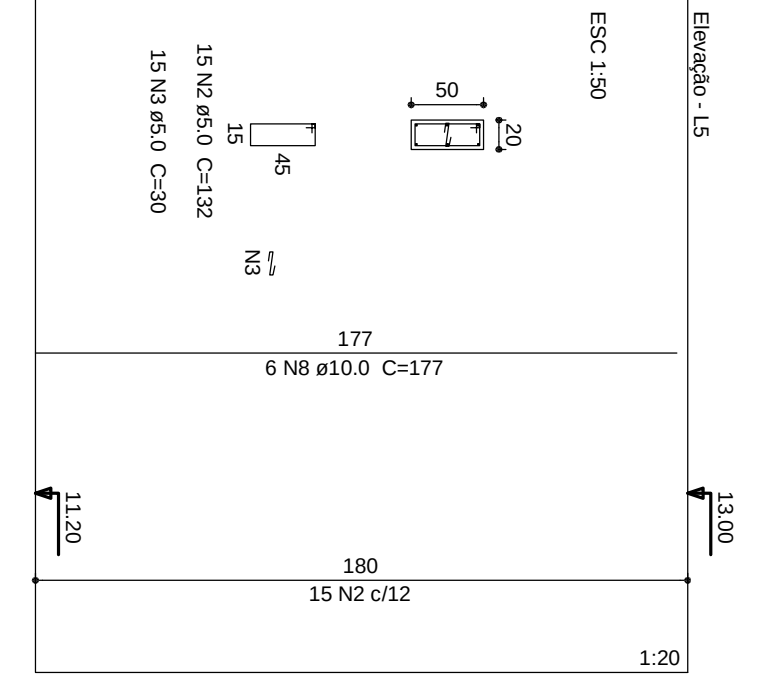
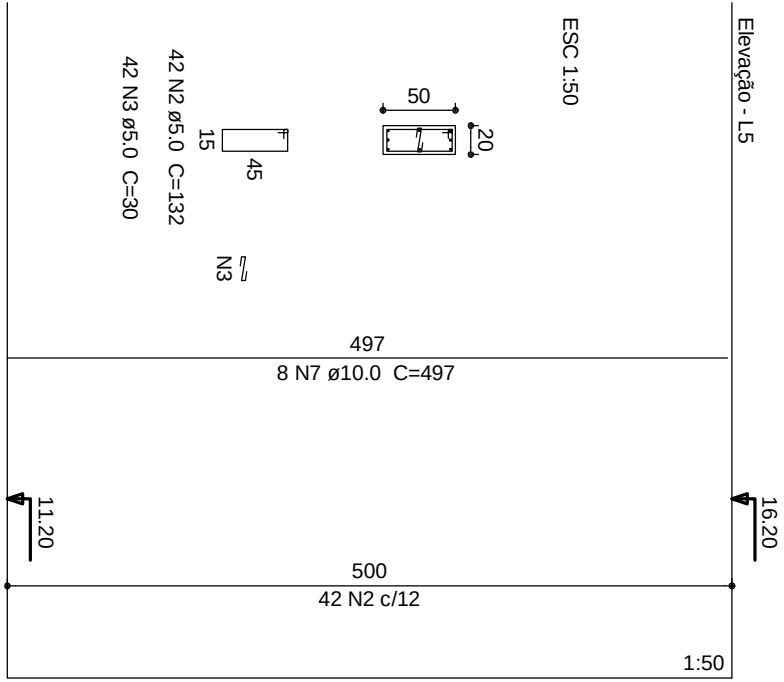
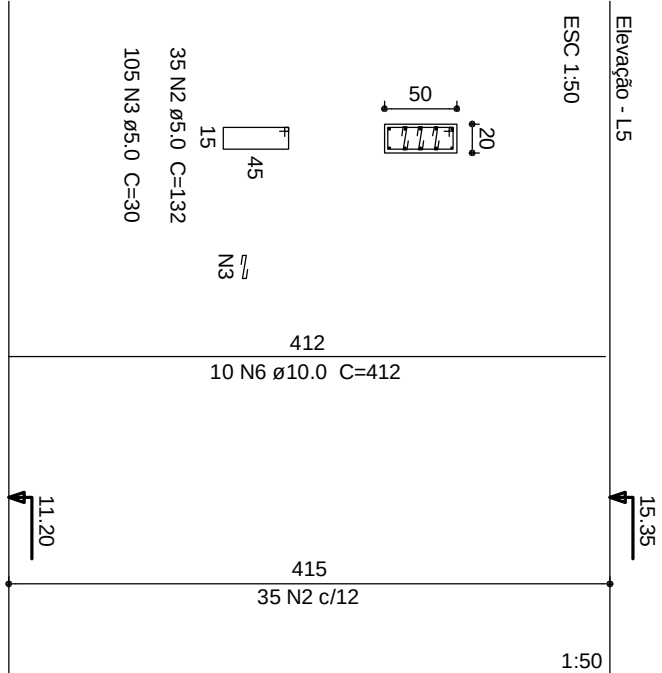
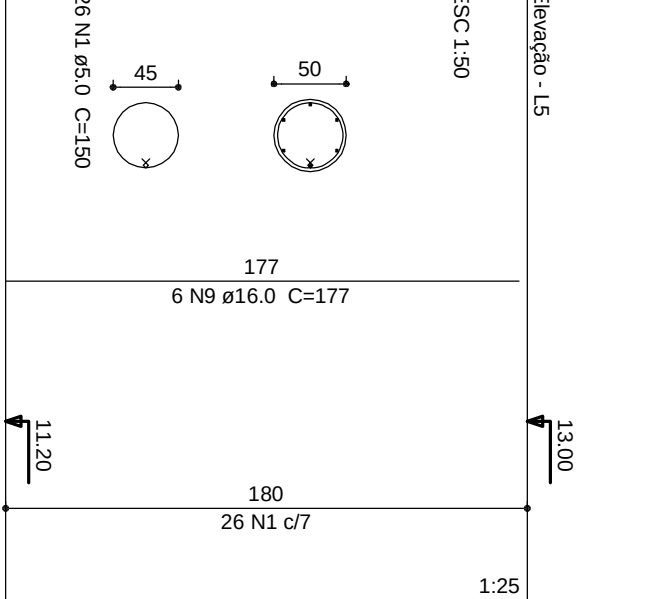
ACO	DIAM	C TOTAL	PESO + 10 %
ACO	10.0	132.1	89.5
CA60	12.5	288.8	194.5
CA60	15.0	219.1	232.1
CA60	5.0	338.4	57.4
PESO TOTAL			574.5
CA60	197.4		57.4

Vál. de concreto total (C-25) = 3.32 m³

Vál. de concreto total (C-25) = 2.65 m³

Área de forma total = 42.80 m²

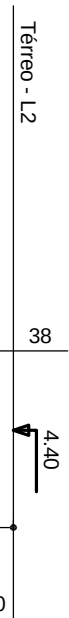
Área de forma total = 53.9 m²



Relação do aço

	ACO	N	DIAM	Q	UNIT	C TOTAL
P51	CA60	1	5.0	215	132	26380
P52	CA60	2	5.0	296	30	8880
P53	CA60	3	5.0	37	122	4514
P54	CA60	4	5.0	37	112	4114
P55	CA60	5	5.0	37	35	1285
P56	CA60	6	5.0	26	142	3692
P57	CA60	7	5.0	78	34	2652
P58	CA60	8	5.0	30	32	2700
P59	CA60	9	10.0	30	2700	2700
P60	CA60	11	5.0	79	152	12008
P61	CA60	12	5.0	79	50	3990
P62	CA60	13	10.0	106	478	50668
P63	CA60	14	12.5	46	487	22402
P64	CA60	15	20.0	10	515	9150

P86



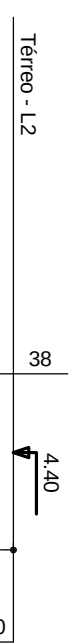
P87



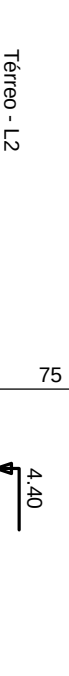
P88



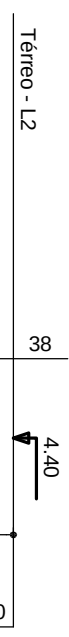
P89



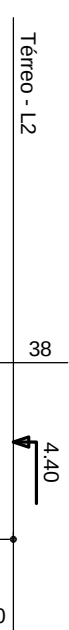
P90



P91



P92

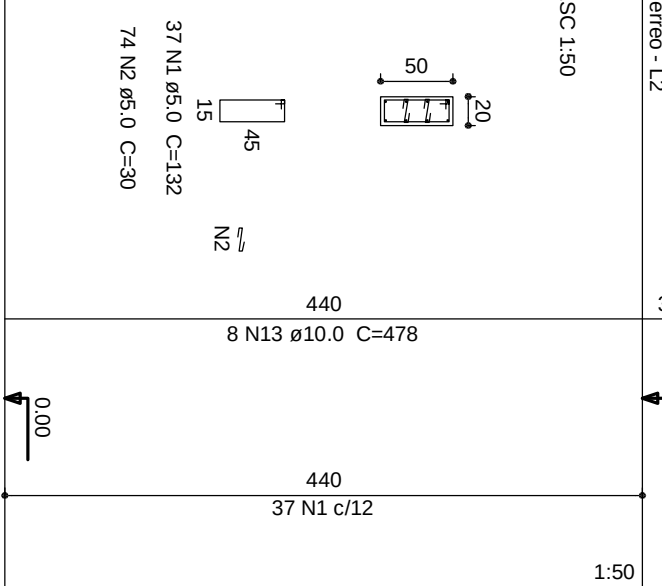


Resumo do aço

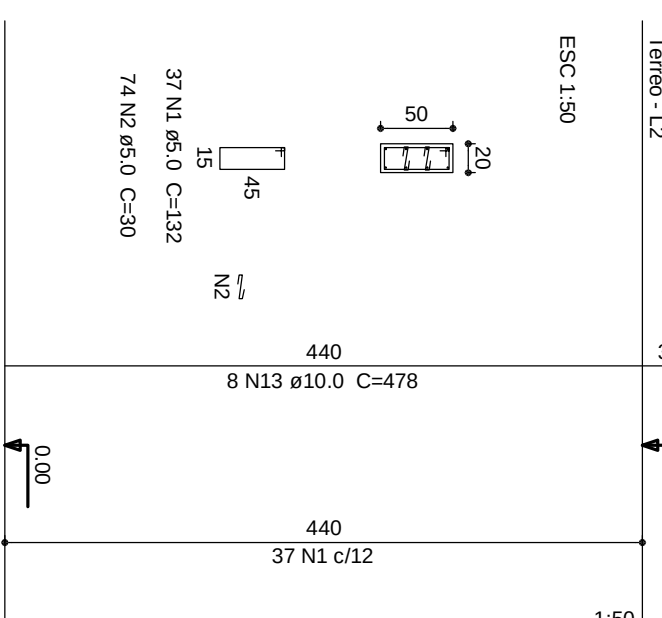
ACO	DIAM	C TOTAL	PESO + 10 %
ACO	10.0	506.7	343.6
CA60	12.5	224.1	237.4
CA60	20.0	51.5	139.7
CA60	5.0	759	128.7
PESO TOTAL			849.4
CA60	720.7		128.7

Vál. de concreto total (C-25) = 5.58 m³

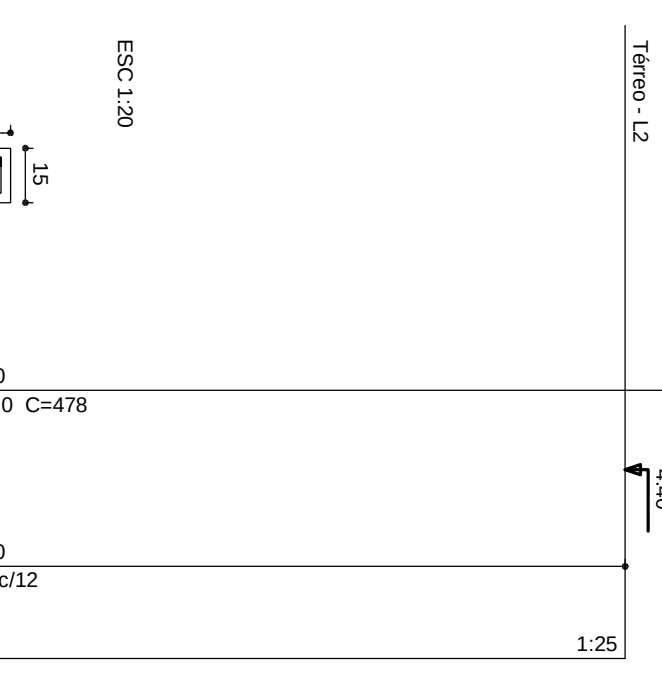
Área de forma total = 75.04 m²



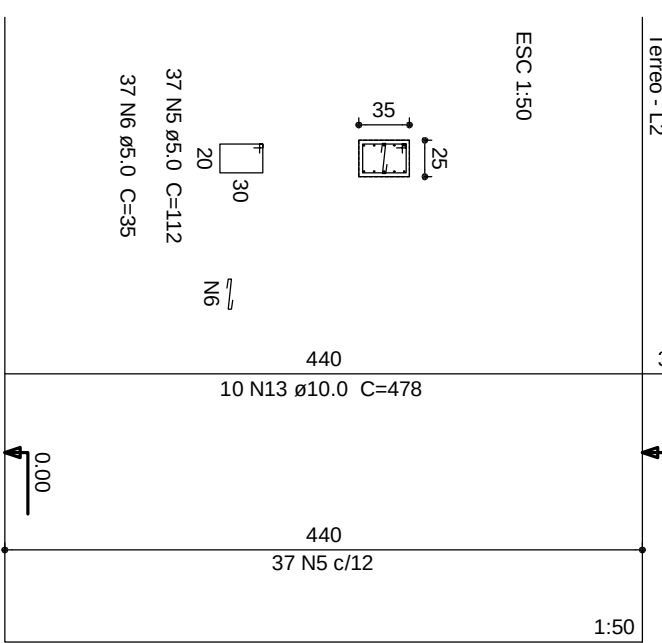
P94



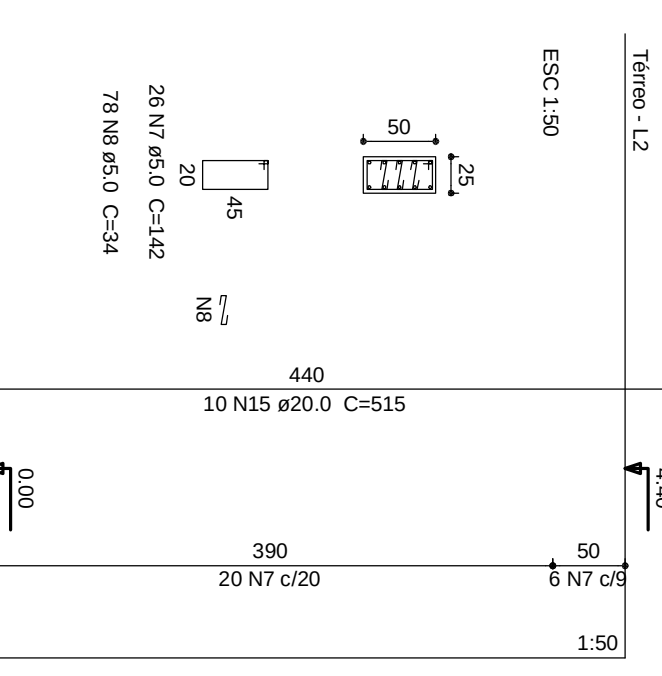
P96



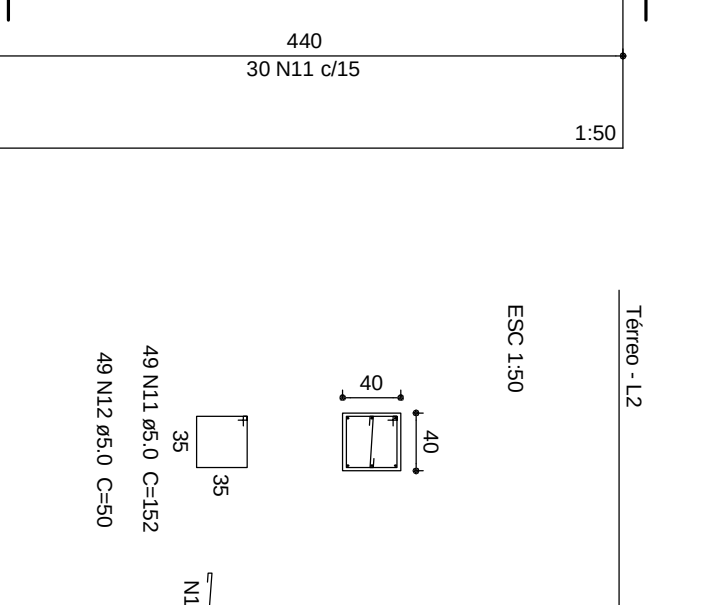
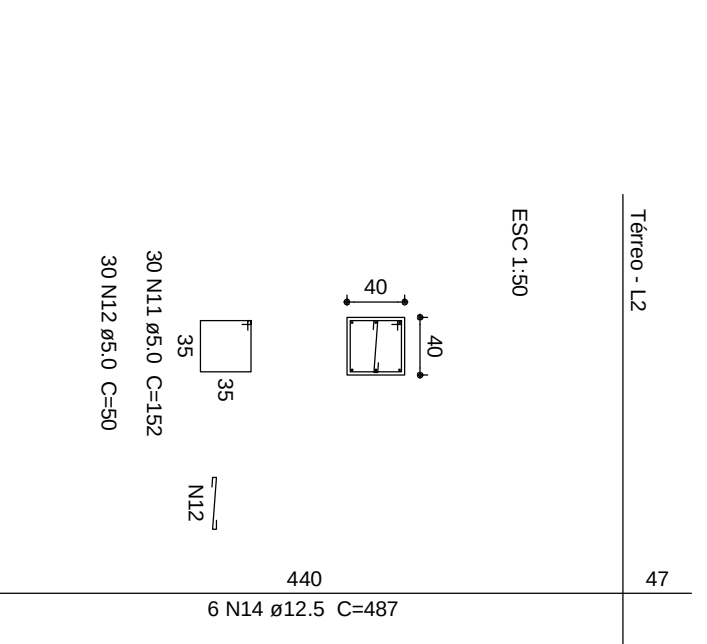
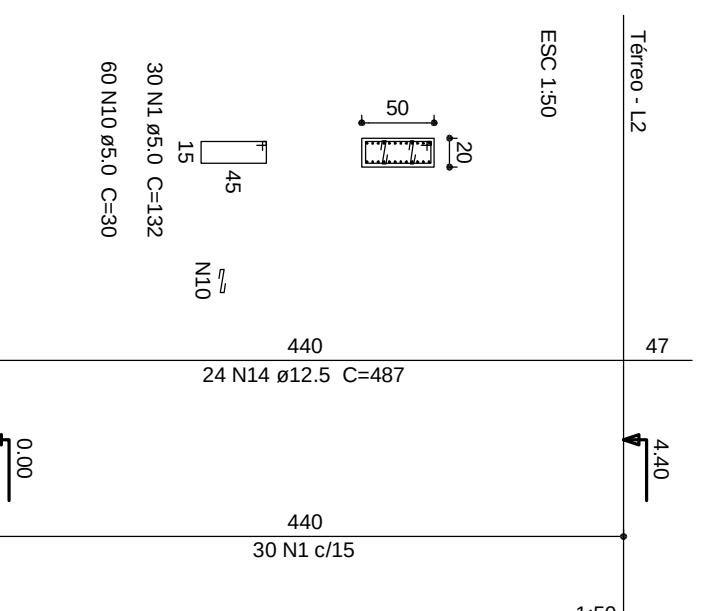
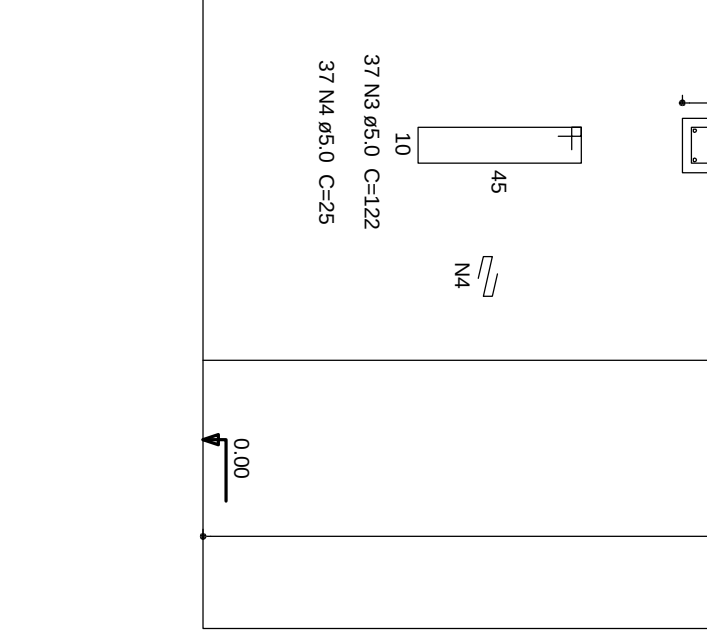
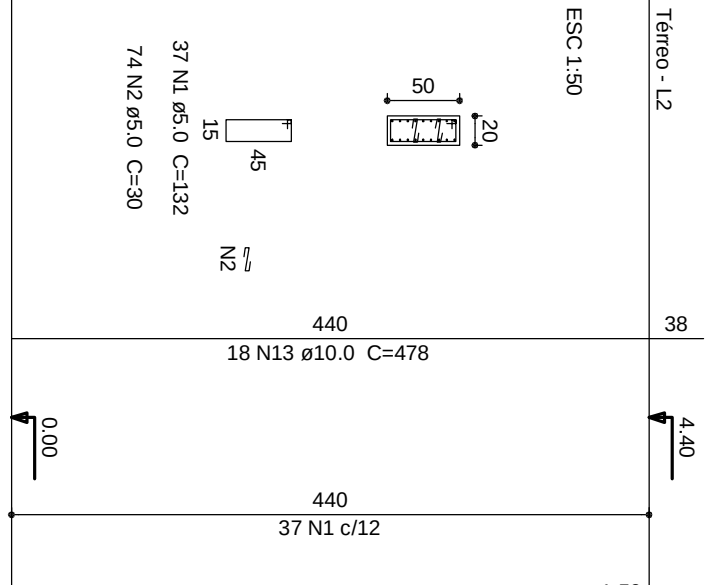
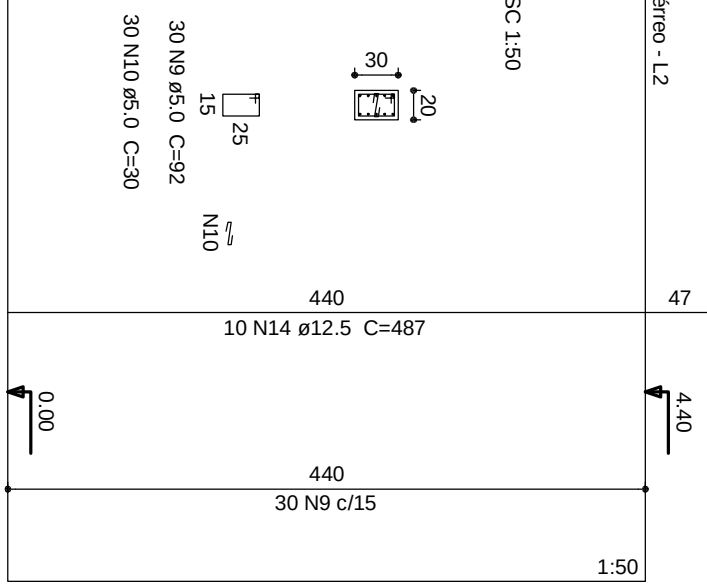
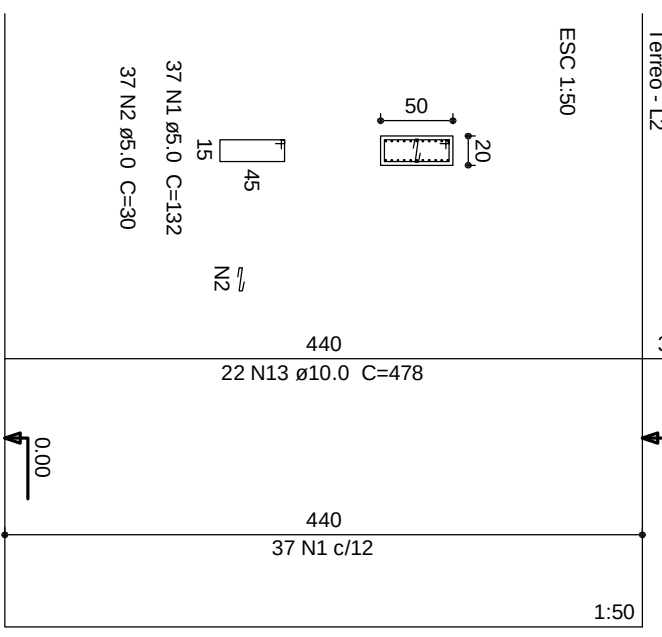
P97



P95



P95



Detalhamento dos Pilares P86 à P97 do Pav. Térreo

COMP. MUSEU E ARQUIVO HISTÓRICO	
CAMPUS DIAMANTINA	
RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACUBA - DIAMANTINA/MG	
PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI	
CNPJ: 16.856.315/0001-57	
TÍTULO: DET. DOS PILARES DO PAV. SUPERIOR, TÉRREO E DO PAV. ELEVADO-INDICADOS	
AUTOR PROJETO ESTRUTURAL / ET:	
MACEDO SQUEJERA PROJETOS & ENGENHARIA LTDA-ME	
R. BAC. CAUL, ANDRÉO MACEDO DE MACEDO - CREA 81746/046	
RUA WILSON MACEDO, 371 - 555 - VILA LINDA/PR	
FONE: (31) 3771-6554 / 9997-2181	
www.amacedoengenharia.com.br	
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VERSÃO:	DATA:
VERSÃO I	22.08.2011
AUTOCAD:	
FOLHA:	
7 / 71	