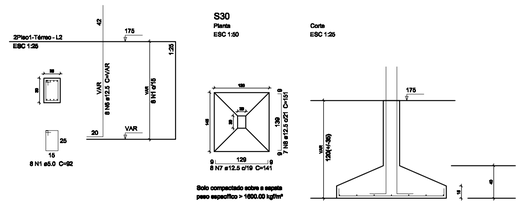
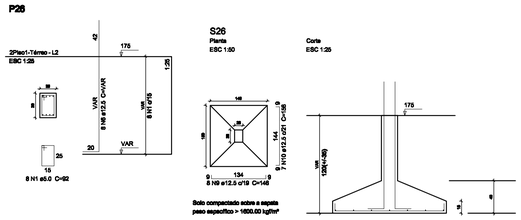
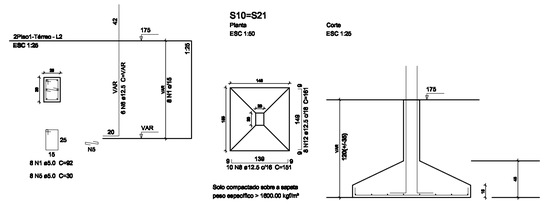
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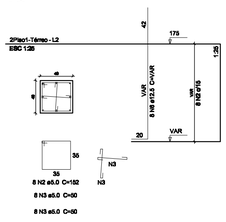
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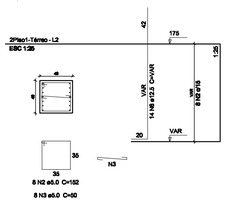
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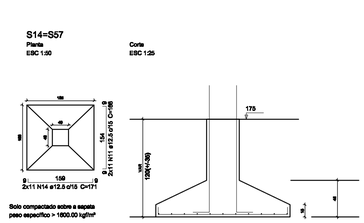
P14



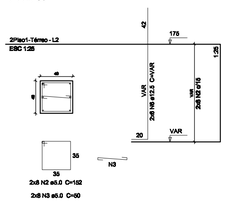
P57



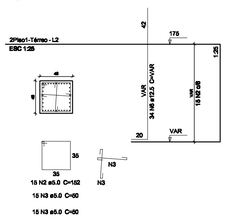
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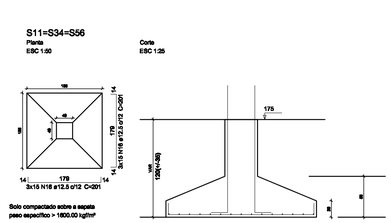
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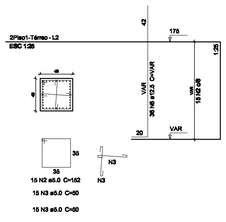
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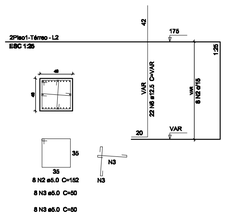
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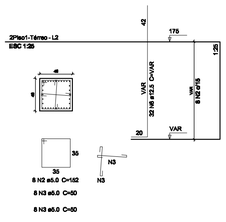
P35



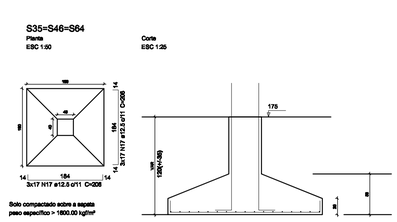
P46



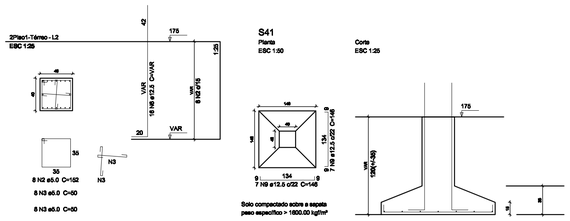
P64



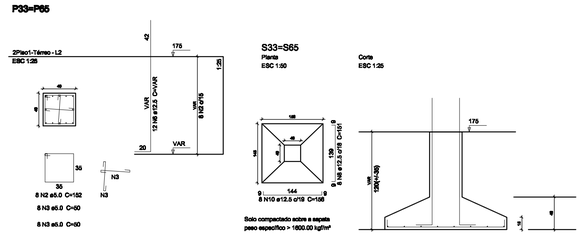
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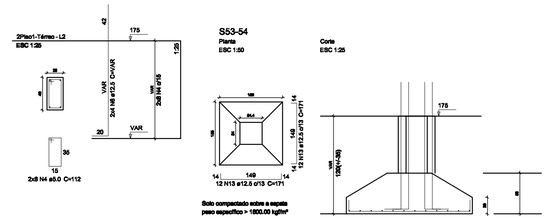
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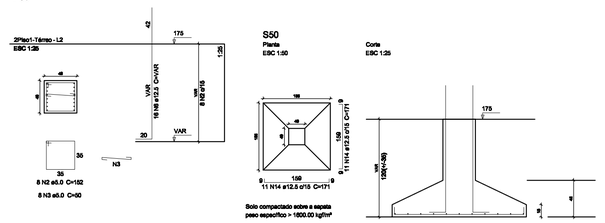
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P53=P54



P50



P11=P56

P34

S11=S34=S56

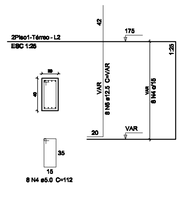
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P46

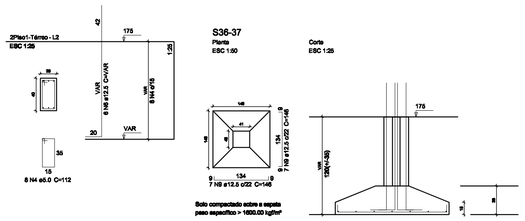
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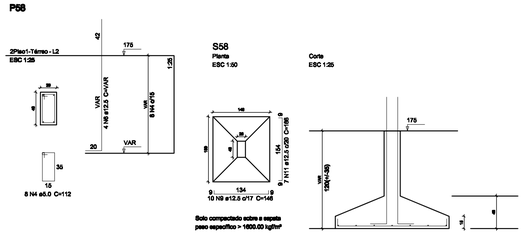
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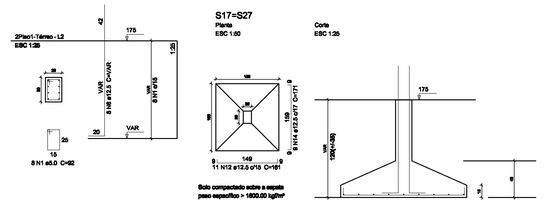
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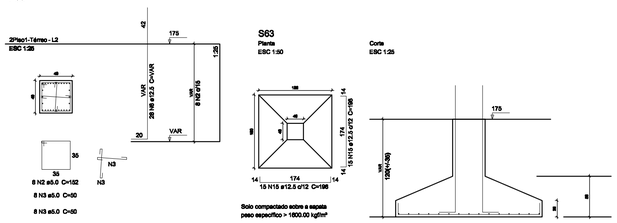
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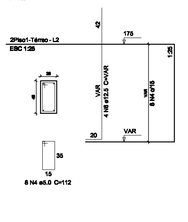
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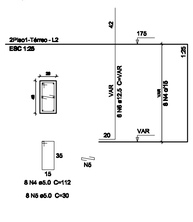
P63



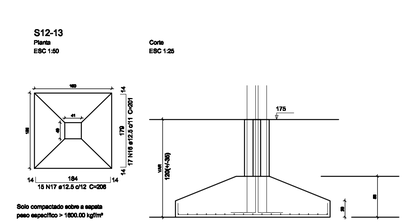
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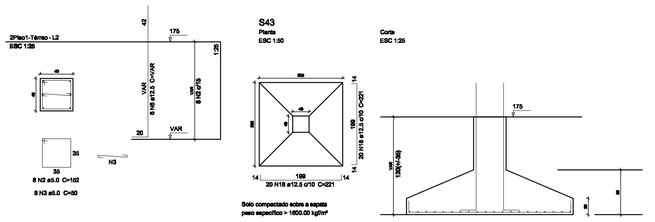
P13



S12-13



P43



Relação do aço

2x510	S11	S14
2x517	S26	S30
2x533	S35	S41
S43	S50	S58
S63	S12-13	S36-37
S53-54		

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	48	92	4416
	2	5.0	126	152	19152
	3	5.0	212	50	10600
	4	5.0	56	112	6272
	5	5.0	24	30	720
CA60	6	12.5	328	VAR	VAR
	7	12.5	8	141	1128
	8	12.5	43	151	6493
	9	12.5	46	146	6716
	10	12.5	23	146	3358
	11	12.5	29	166	4814
	12	12.5	38	161	6118
	13	12.5	24	171	4104
	14	12.5	62	171	10602
	15	12.5	30	196	5880
	16	12.5	107	201	21507
	17	12.5	117	206	24102
	18	12.5	40	221	8840

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	12.5	1638.1	1723.1
CA60	5.0	411.8	69.8
PESO TOTAL			
CA50	1723.1		
CA60	69.8		

Vol. de concreto total (C-30) = 23.84 m³
Área de forma total = 71.7 m²

DETALHAMENTO DAS SAPATAS DO PISO1 - TÉRREO

ESCALA 1:50

FORMATO A0 - INTERNAS: 1049 x 801 mm.
EXTERNAS: 1189 x 841 mm.

VANESSA ANDRADE DA FONSECA
Engª Civil - CREA - MG
Mestranda em Estruturas
Universidade Federal de Viçosa
vanessa.fonseca@ufv.br

PROJETO ESTRUTURAL
CENTRO ADMINISTRATIVO DO PARTEC - UFVJM - DIAMANTINA-MG

DETALHAMENTOS
PISO1 - TÉRREO
DETALHAMENTO DAS SAPATAS

Escala: 1/50 | DESENHO 01
Desenho: | Revisão:
Data: 03/05/2012 | Unidade: cm
FOLHA 03/33