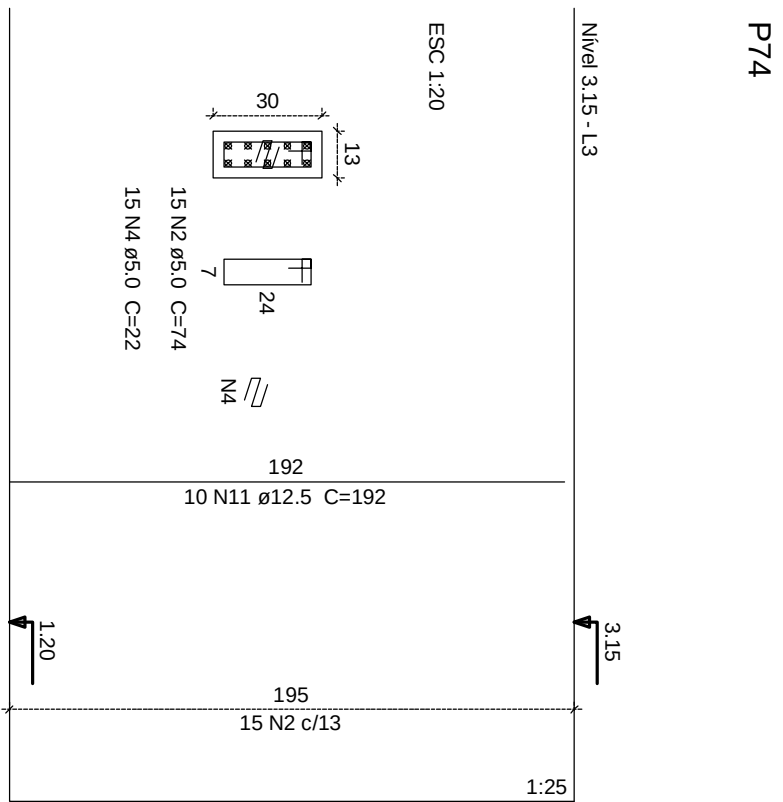
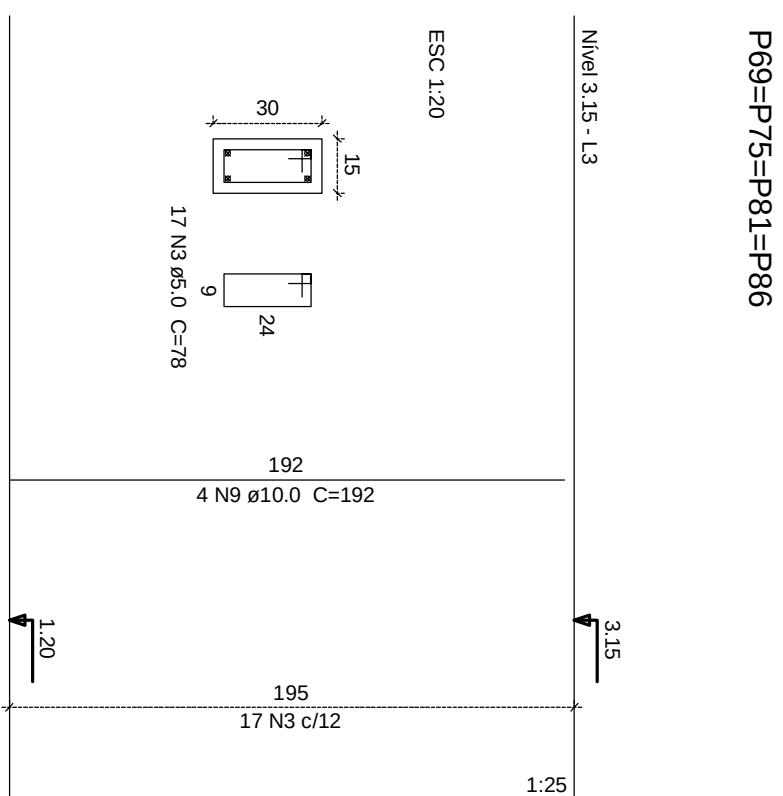
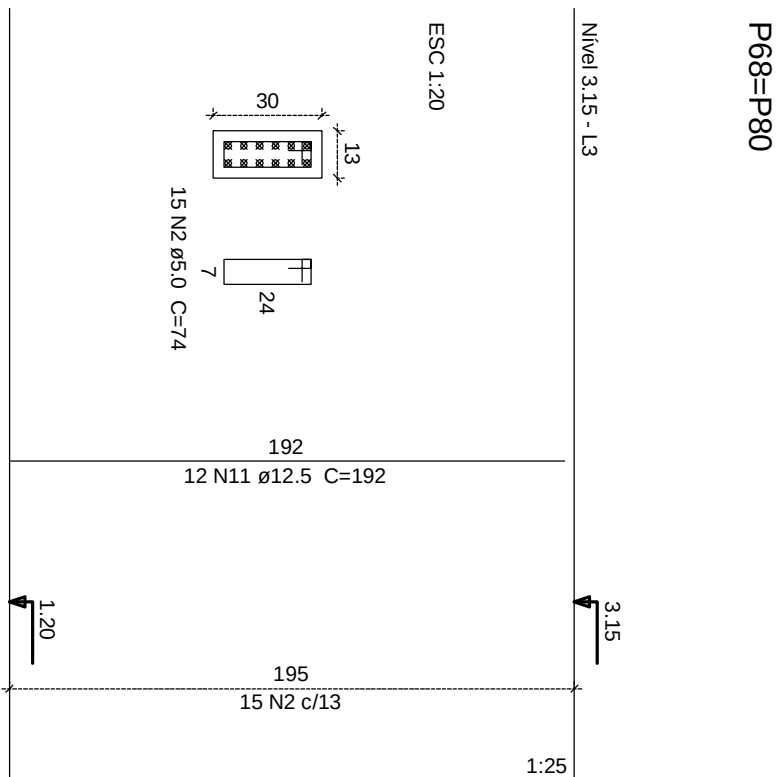
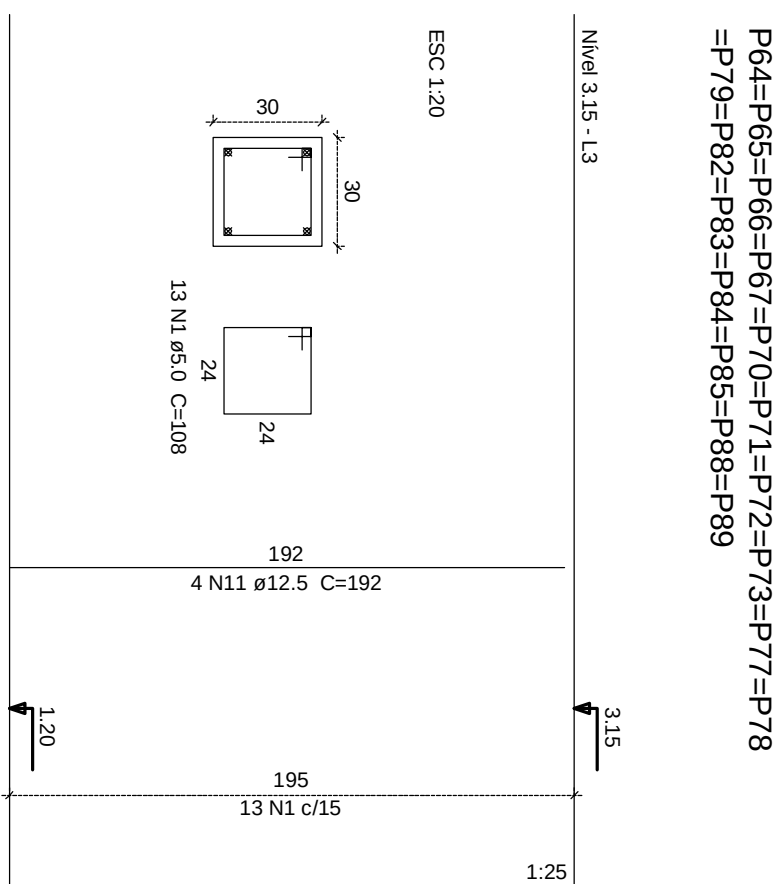
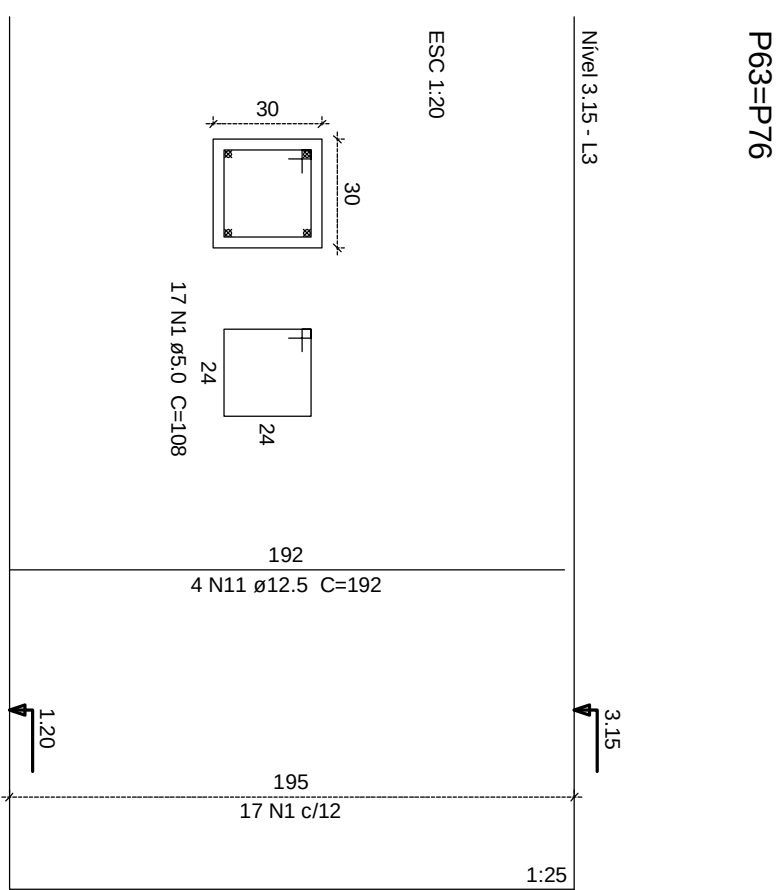


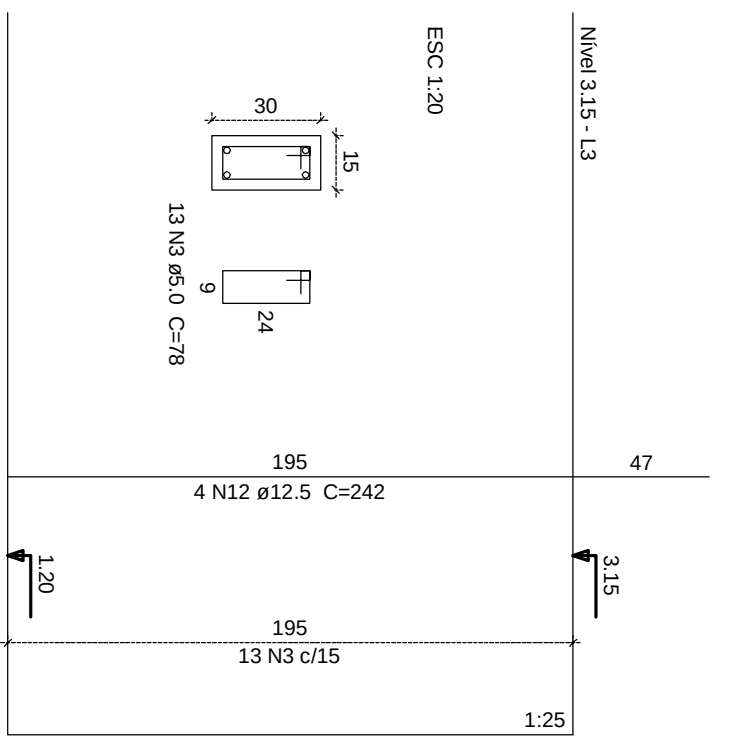
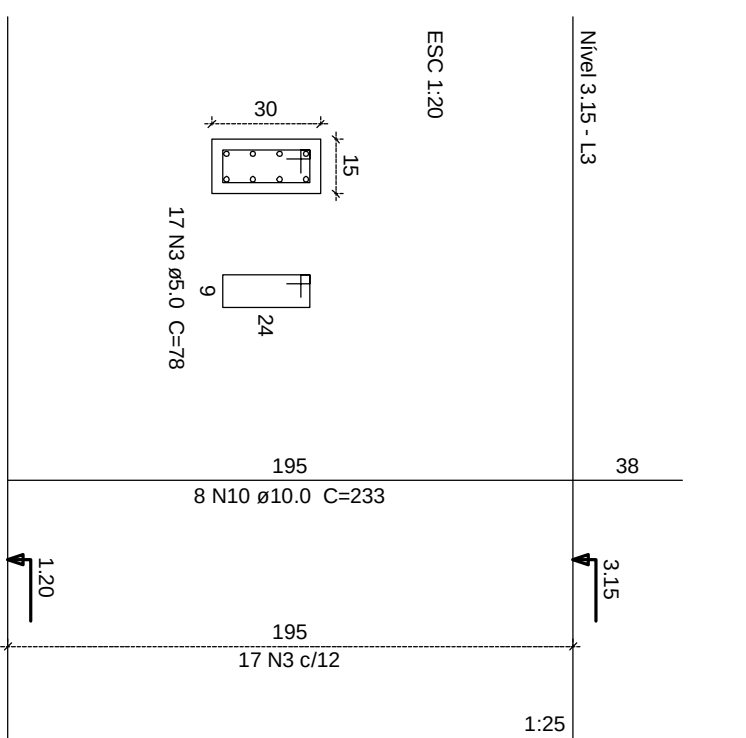
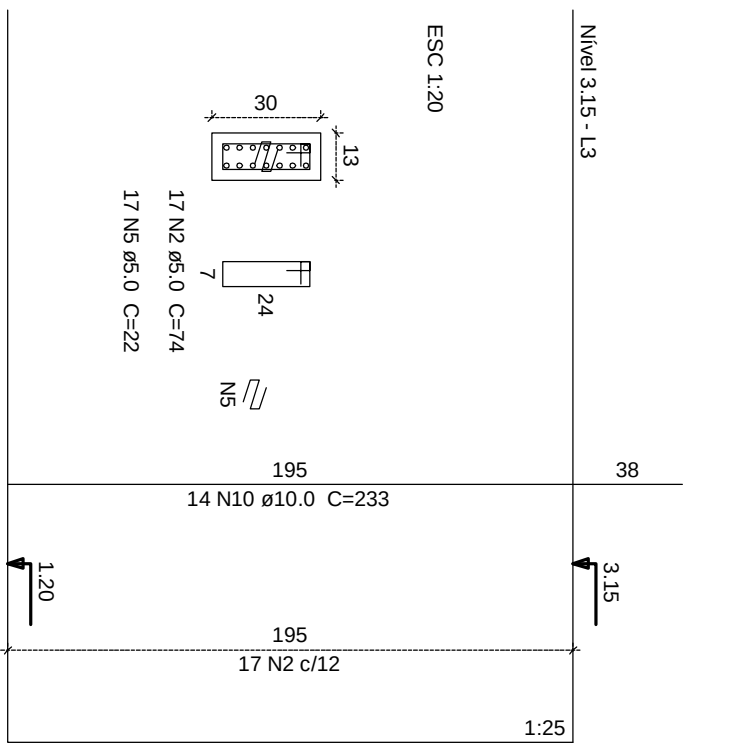
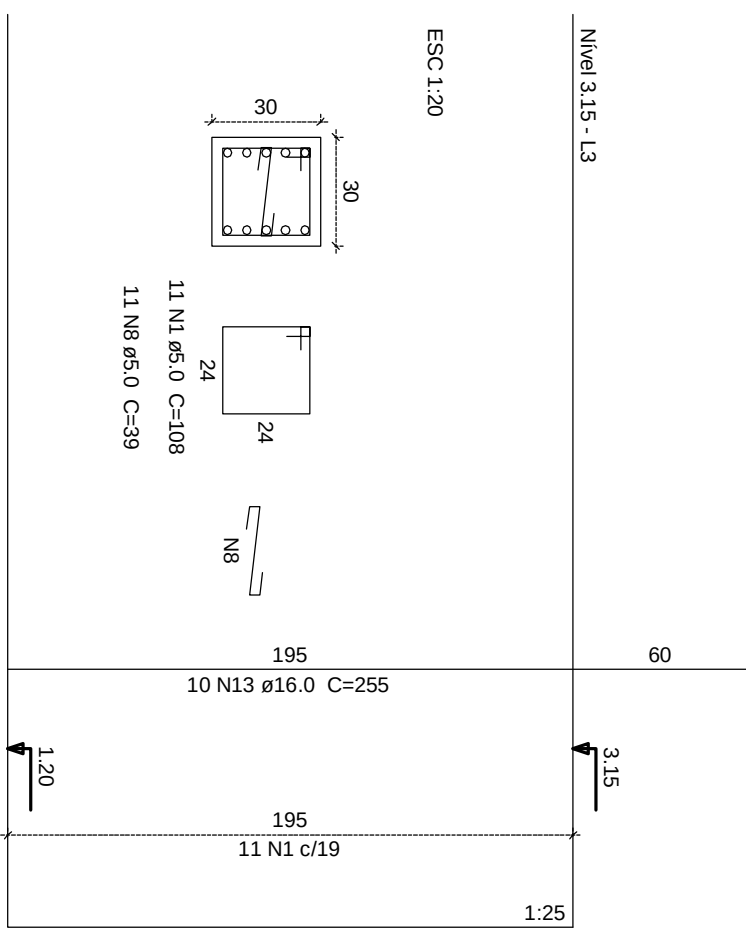
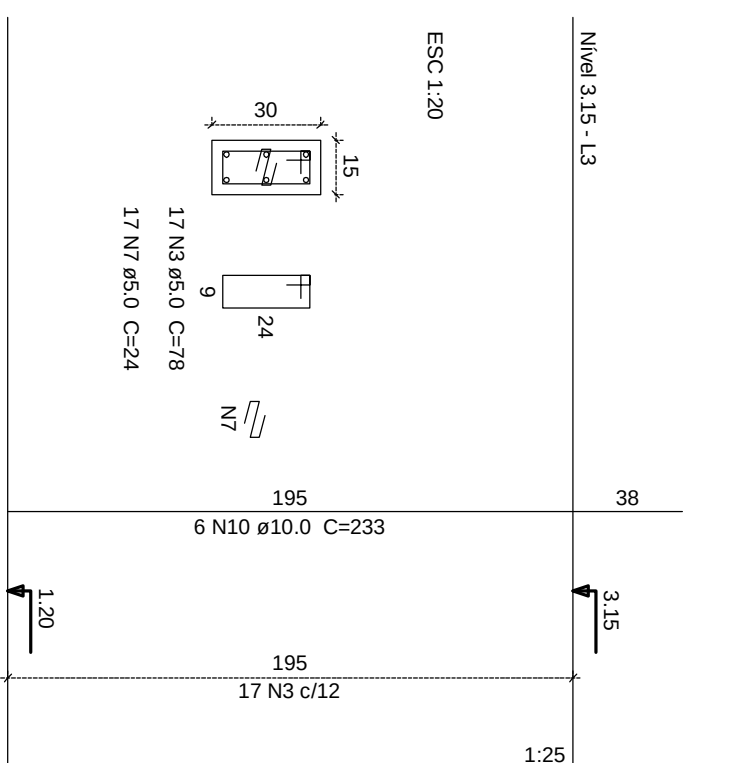
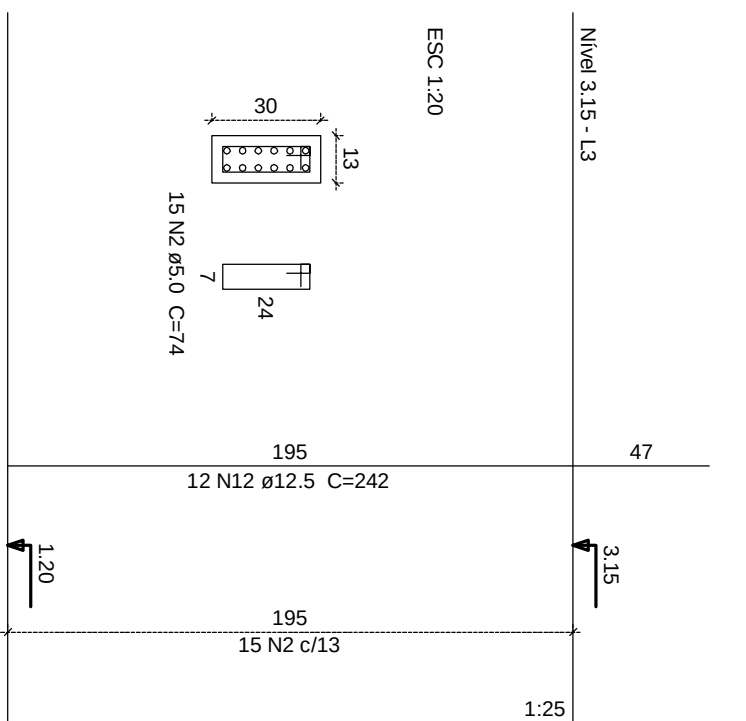
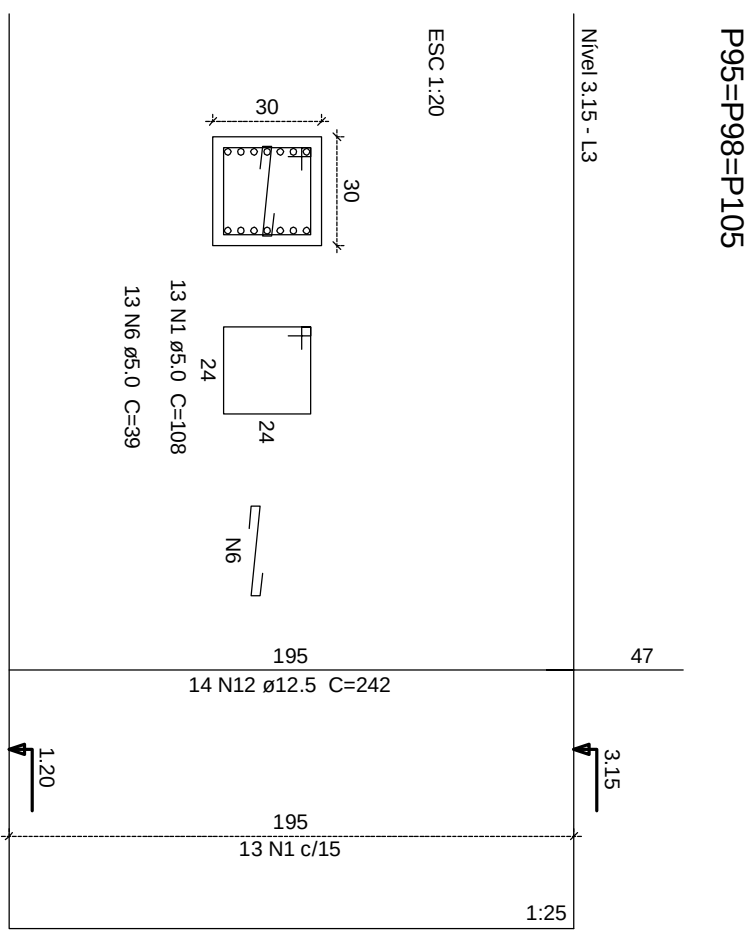
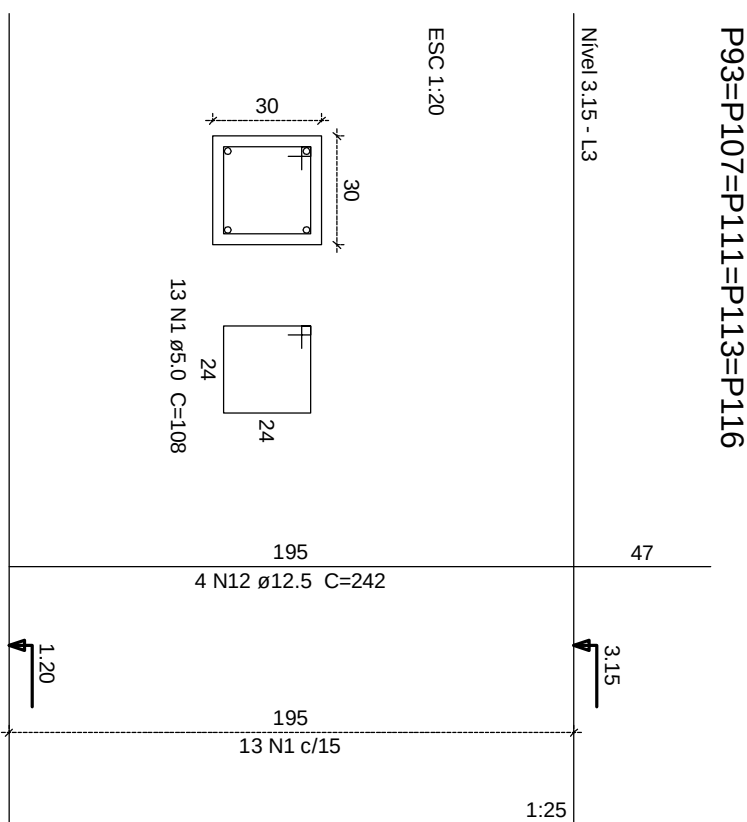
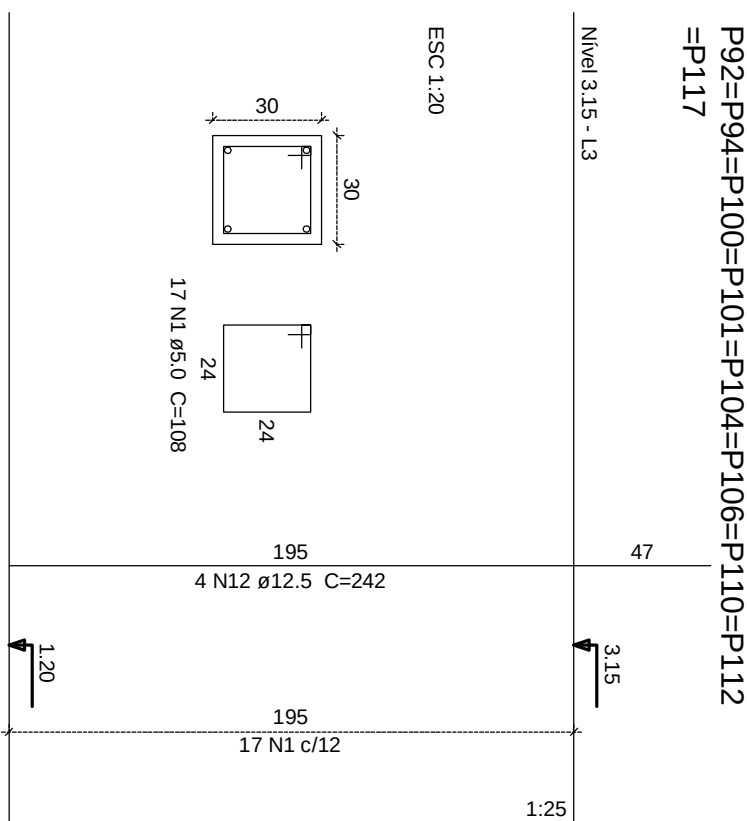
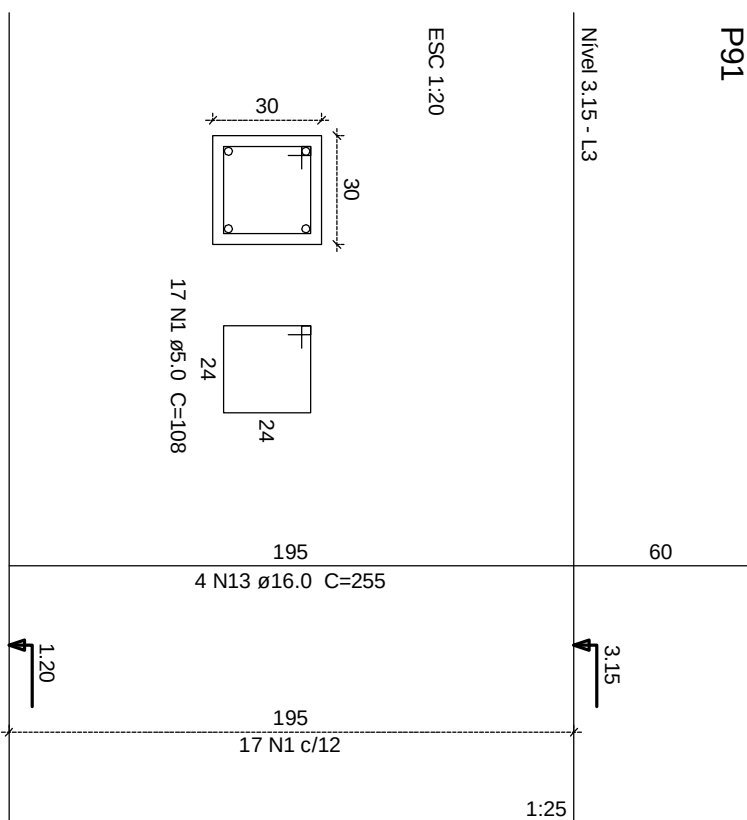
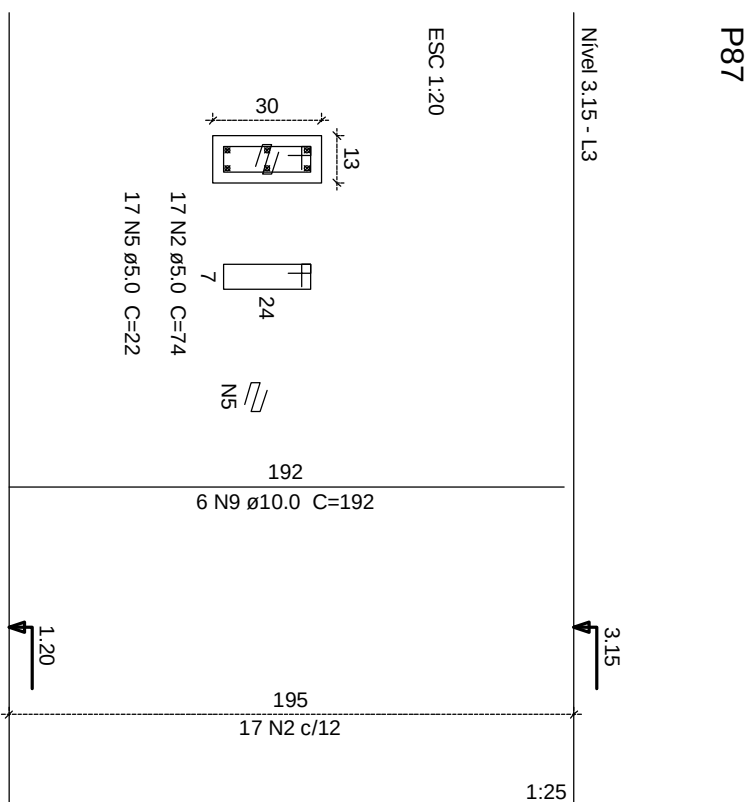


Relação do aço	
2xP63	17xP64
2xP69	P74
P91	9xP92
3xP95	2xP96
P99	2xP102
P114	
	2xP68
	P87
	5xP93
	2xP97
	P103

	ACO				
	N	DIAM	Q	UNIT	C.TOTAL
				(mm)	(mm)
C&O	1	5,0	540	108	58330
	2	5,0	526	74	9324
	3	5,0	532	78	10296
	4	5,0	515	22	330
	5	5,0	51	22	1122
	6	5,0	39	38	1521
	7	5,0	34	24	816
	8	5,0	11	39	429
	9	10,0	22	192	4224
	10	10,0	48	233	11184
	11	12,5	110	362	21120
	12	12,5	126	242	30492
	13	16,0	124	255	3570

AÇO	DIAM	C. TOTAL (m)	PESO + 10 % (kg)
CASO	10.0	154.1	104.5
	12.5	516.2	546.9
	16.0	35.7	62
CASO	5.0	821.6	139.3
PESO TOTAL			
CASO			713.4
CASO			139.3

Vol. de concreto total (C-25) = 7.98 m³
Área de forma total = 116.38 m²

[illegible]

CONFERIR MEDIDAS NA OBRA

ARQUIBANCADA E ÁREAS DE APOIO DA PISTA DE ATLETISMO	RODOVIA MG 367, KM 59,3 - Nº 5000 - ALTO DA JACUBA - DIAMANTINMG
CAMPUS DIAMANTINA	
PROFETIÁRIO:	UNIVERSIDADE FEDERAL DOS VALES DO JACARAÍTO
	DO JACARAÍTO
	16.889,31/5000 - 1,57

DEL. FILARES NIVEL 3.13

LEGENDAS

MACEDO SQUEIRA PROJETOS & ENGENHARIA LTDA-ME
CNPJ: 09.268.669/0001-57
RTE - ENG. CIVIL: ANTONIO ADOLFO DE MACEDO - CREA: BR.746/DMC
RUA MARCELO CORDEIRO Nº789, CAIXA SET LUGAROS/AC
FONES: (31) 3771-0754 / 9997-1814

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Proprietar e Engenheira

www.amacedoengenharia.com.br
Fones: (31) 3771-0754 / 9997-1814

VERSÃO:	DATA:	AUTOCAD:	FOLHA:
VERSAO 1	20.09.2011		58/70