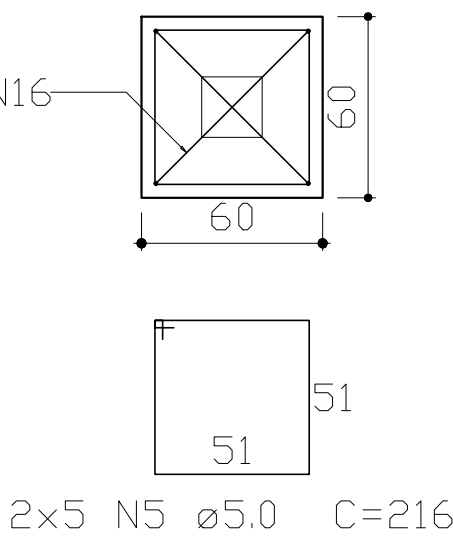
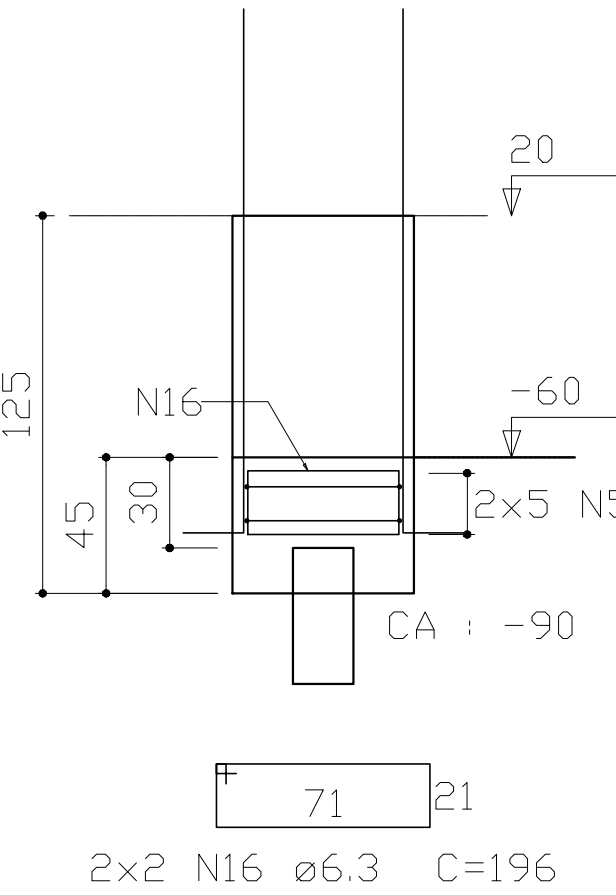


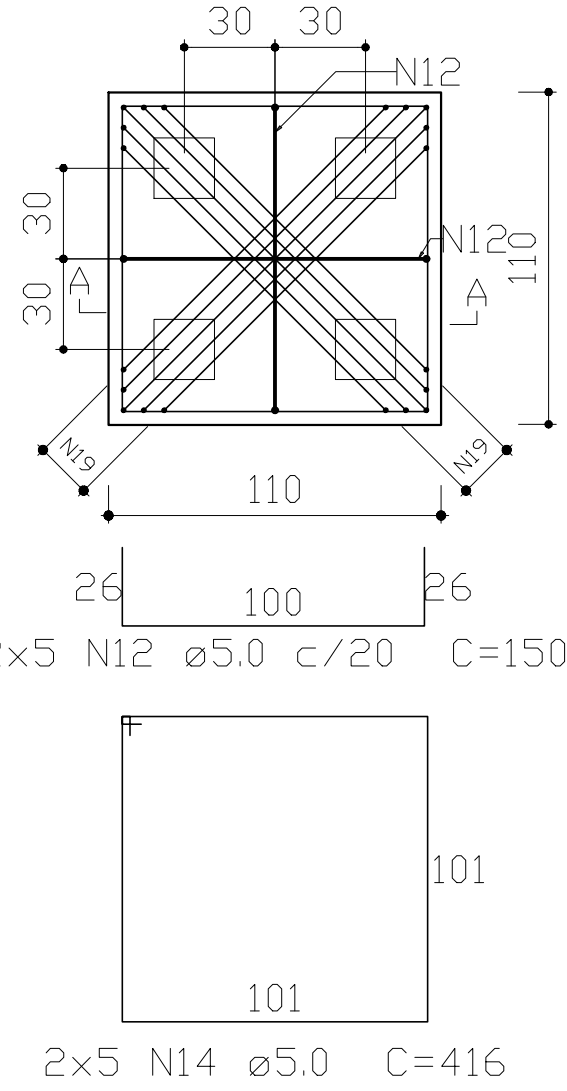
B8=B65
1xR20
PLANTA
ESC 1:25



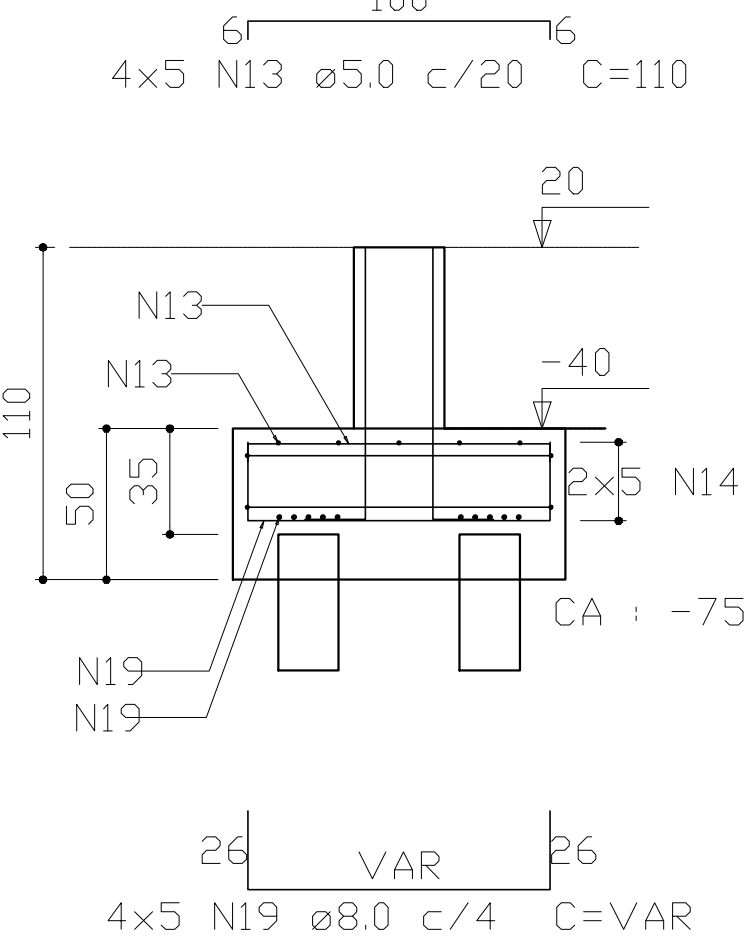
CORTE
ESC 1:25



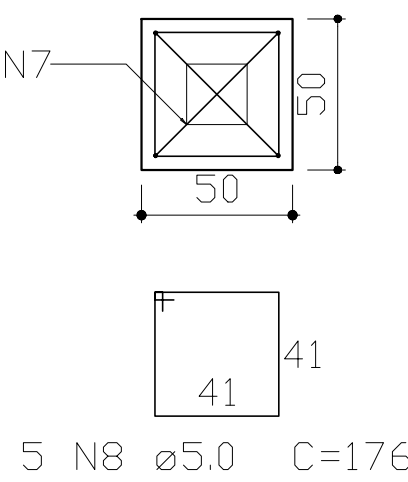
B41=B45
4xR20
PLANTA
ESC 1:25



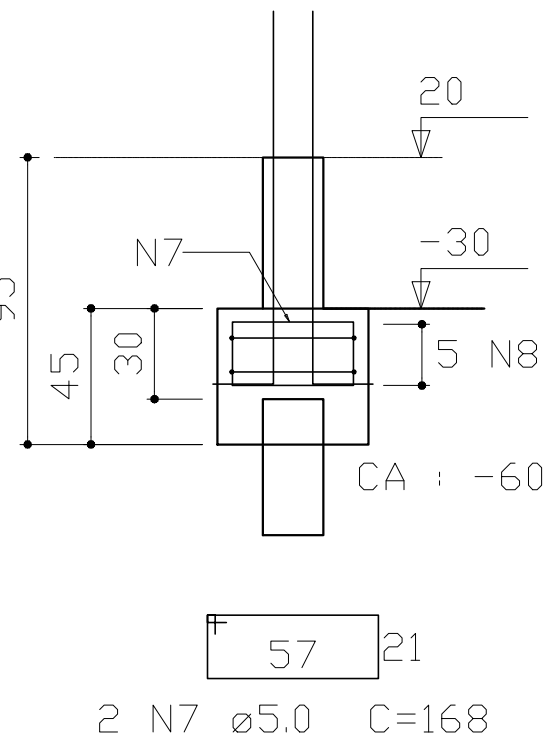
CORTE A-A
ESC 1:25



B27
1xR20
PLANTA
ESC 1:25

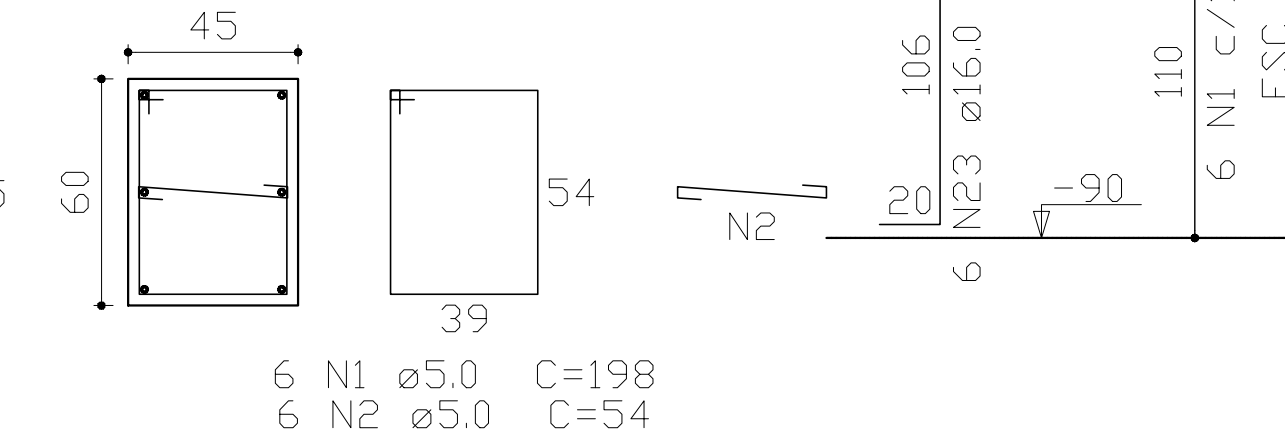


CORTE
ESC 1:25



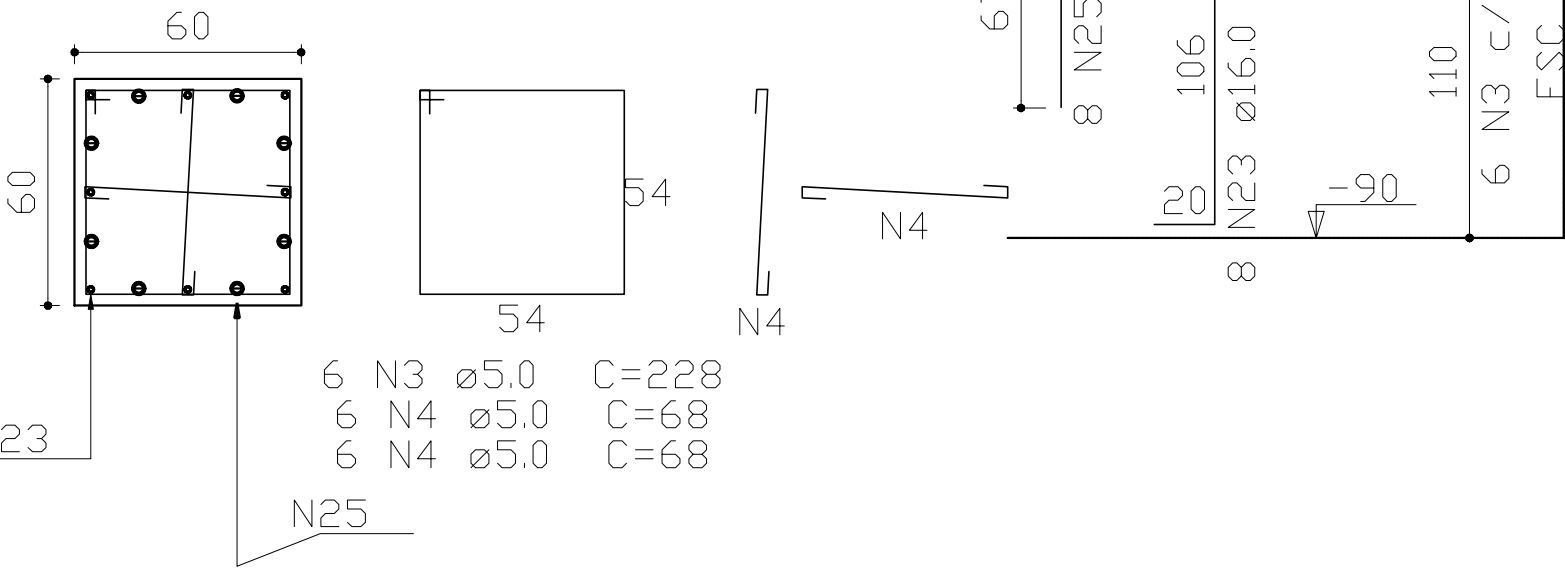
P65

NIVEL 0,20 PA QUADRA - L1
ESC 1:20



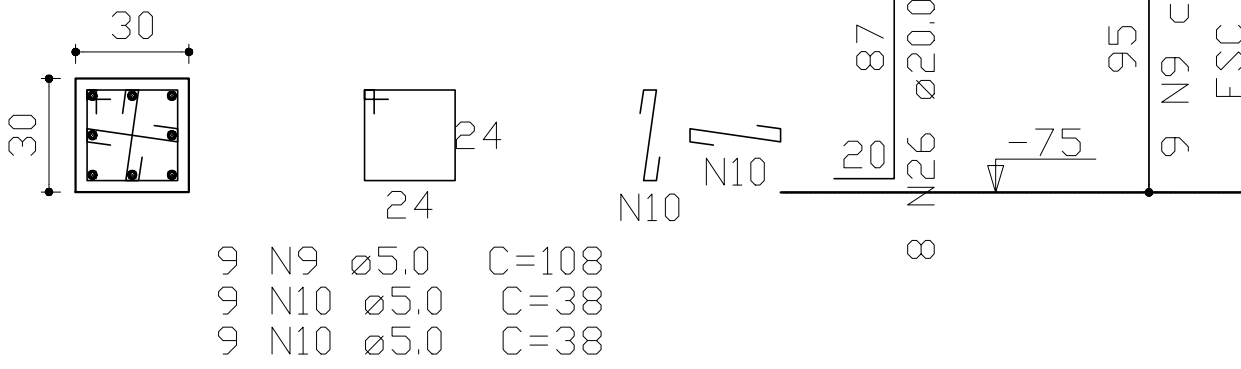
P8

NIVEL 0,20 PA QUADRA - L1
ESC 1:20



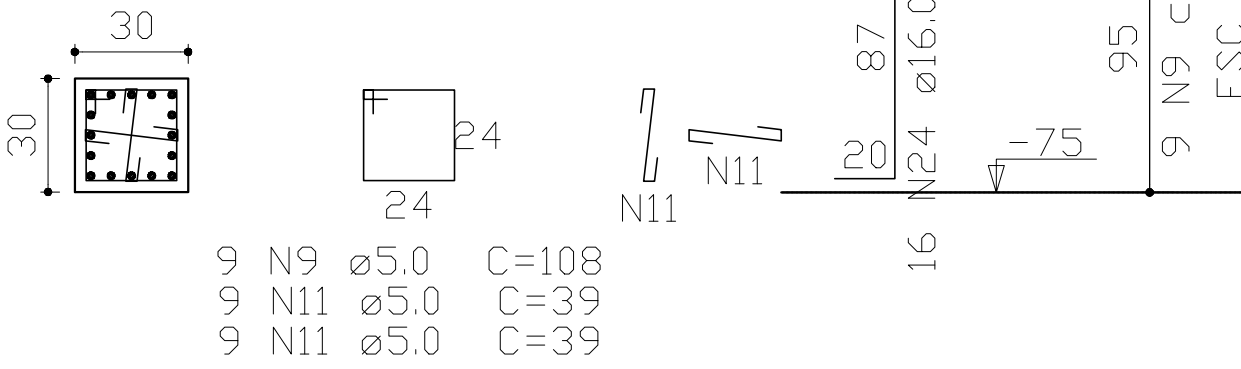
P41

NIVEL 0,20 PA QUADRA - L1
ESC 1:20

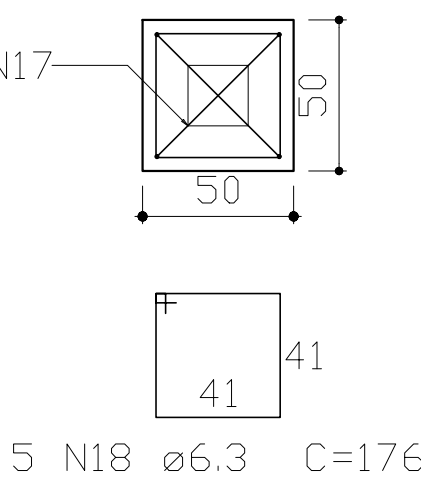


P45

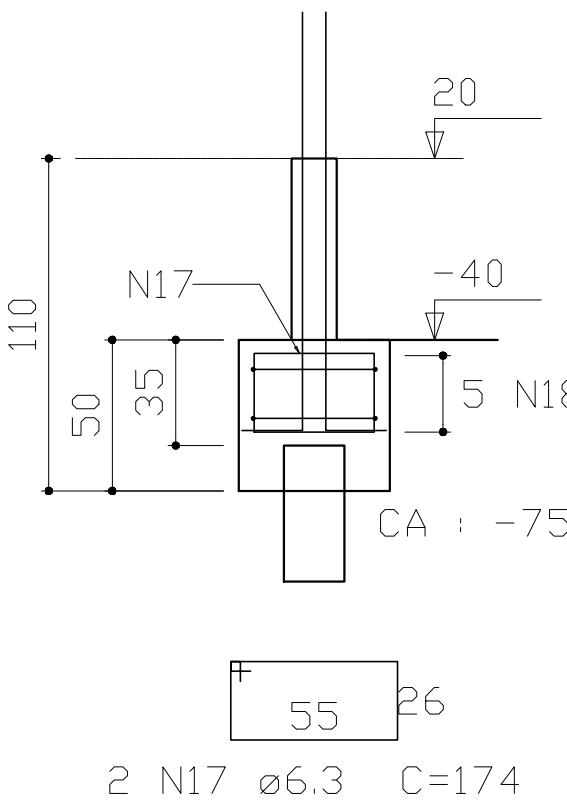
NIVEL 0,20 PA QUADRA - L1
ESC 1:20



B43
1xR20
PLANTA
ESC 1:25

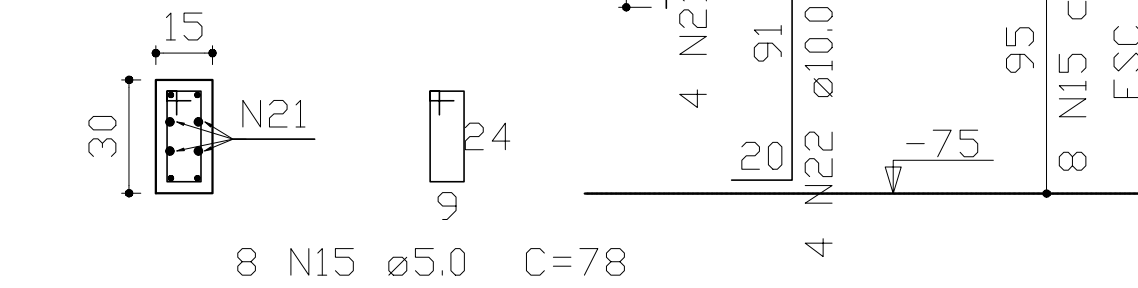


CORTE
ESC 1:25



P43

NIVEL 0,20 PA QUADRA - L1
ESC 1:20



Relação do aço

B27
B65

B43

B45

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	6	198	1188
	2	5.0	6	54	324
	3	5.0	6	228	1368
	4	5.0	12	68	816
	5	5.0	10	216	2160
	6	5.0	7	68	476
	7	5.0	2	168	336
	8	5.0	5	176	880
	9	5.0	18	108	1944
	10	5.0	18	38	684
	11	5.0	18	39	702
	12	5.0	20	150	3000
	13	5.0	20	110	2200
	14	5.0	10	416	4160
	15	5.0	8	78	624
	16	6.3	4	196	784
	17	6.3	2	174	348
	18	6.3	5	176	880
	19	8.0	20	VAR	VAR
	20	10.0	4	127	508
	21	10.0	4	67	268
	22	10.0	4	142	568
	23	16.0	14	175	2450
	24	16.0	16	103	1648
	25	20.0	8	133	1064
	26	20.0	8	101	808

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	20.2	2	5.4
	8.0	29.6	3	12.8
	10.0	13.5	2	9.1
	16.0	41	4	71.1
	20.0	18.8	2	50.8
CA60	5.0	208.7	-	35.4
PESO TOTAL (kg)				
CA50	149.3			
CA60	35.4			

Volume de concreto (C-30) = 2.64 m³
Área de forma = 17.19 m²

 ENGENHARIA SOLUÇÕES EM PROJETOS E CONSULTORIAS		RESPONSÁVEL TÉCNICO: _____ ANTÔNIO CARLOS NICOLAU: CREA—MG 148.345/D	
		PROPRIETÁRIO: _____ PREFEITURA MUNICIPAL DE PAPAGAIOS CNPJ: 18.313.866/0001—18	
PROJETO: FUNDAÇÕES — 1º ETAPA QUADRA			
FOLHA: 03/07	ASSUNTO: BLOCO SOBRE ESTACAS E PILARES DE ESPERA		
	LOCAL: R. ARMANDO RIBEIRO (PÇA DA LAGOA), BAIRRO SANTO ANTÔNIO MUNICÍPIO: PAPAGAIOS—MG		
	OCUPAÇÃO: COMPLEXO ESPORTIVO DA PRAÇA DA LAGOA		
	PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PAPAGAIOS — MG CNPJ: 18.313.866/0001—18		
	RESP. TÉCNICO: ANTONIO CARLOS NICOLAU	CREA—MG: 148.345/D	ART. N° 1420180000004743911
	ÁREA DO TERRENO: 3.000,00 m²	ÁREA A CONSTRUIR: 1652,89 m²	
	NOME DO ARQUIVO: 03—BLO—FUN1*ETAPA—REV—01		DATA: 24/09/2018