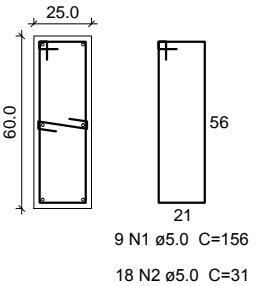


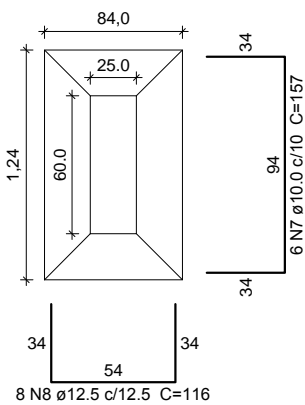
P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12
=P13=P14

BALDRAME - L1
ESC 1:20

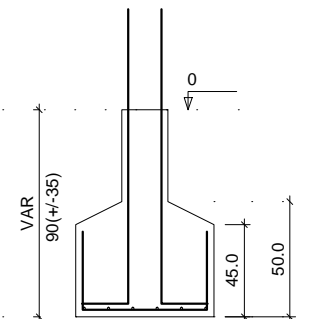


S1=S2=S3=S4=S5=S6=S7=S8=S9=S10=S11=S12
=S13=S14
PLANTA
ESC 1:25

CORTE
ESC 1:25

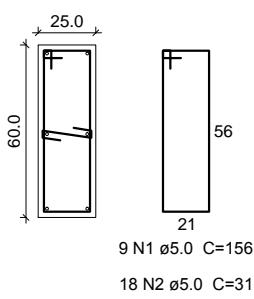


Solo compactado sobre a sapata
peso específico > 1600.00 kg/m³

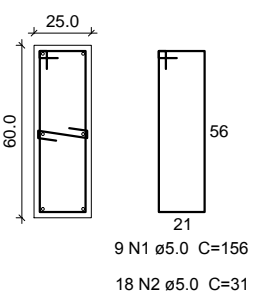


P16=P17=P18

BALDRAME - L1
ESC 1:20

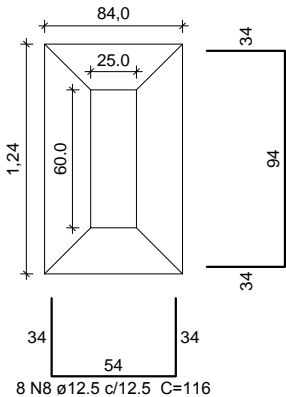


BALDRAME - L1
ESC 1:20

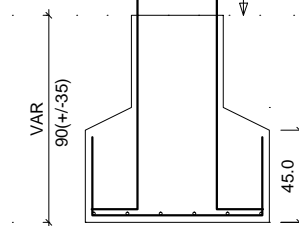


S15=S16=S17=S18
PLANTA
ESC 1:25

CORTE
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1600.00 kg/m³



Relação do aço

14xS1		S15				
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)	
CA60	1	5.0	126	156	19656	
	2	5.0	252	31	7812	
	3	5.0	36	196	7056	
	4	5.0	117	51	5967	
	5	5.0	27	71	1917	
CA50	6	10.0	168	VAR	VAR	
	7	10.0	84	157	13188	
	8	12.5	112	116	12992	
	9	12.5	32	136	4352	
	10	12.5	24	156	3744	

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	287.3	282.6
CA60	12.5	210.9	223.5
CA60	5.0	424.1	71.9
PESO TOTAL			
CA50	486.1		
CA60	71.9		

Vol. de concreto total (C-20) = 8.15 m³
Área de forma total = 51.04 m²



NOME DO PROJETO: CONSTRUÇÃO DA QUADRA COBERTA

TIPO DE PROJETO: ESTRUTURAL	DAU 10-14
CARACTERÍSTICAS: PROJETO PADRÃO	
ARMADURA DAS SAPATAS	
AUTOR DO PROJETO: ARS. CLAUDIO DE MELO RODA	
DATA: 02/09/2014	
LOCAL:	
ÁREA: 705.8 m²	ESCALA: 1:75
DATA: 02/09/2014	DES:

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