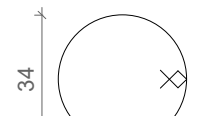
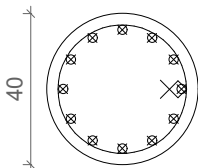


P13

COBERTURA - L4

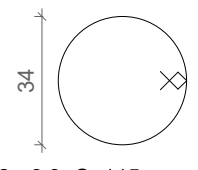
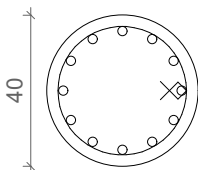
ESC 1:20



37 N2 ø6.3 C=115

2° PAV - L3

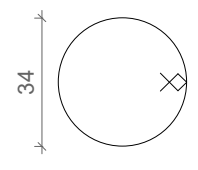
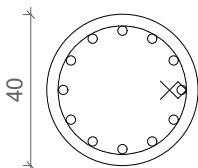
ESC 1:20



37 N2 ø6.3 C=115

1° PAV - L2

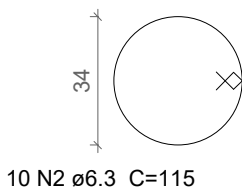
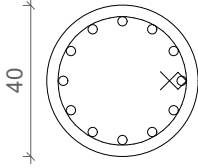
ESC 1:20



37 N2 ø6.3 C=115

BALDRAME - L1

ESC 1:20

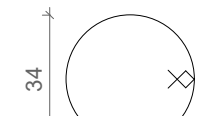
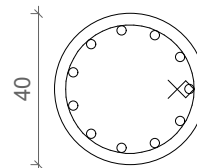


10 N2 ø6.3 C=115

P14

1° PAV - L2

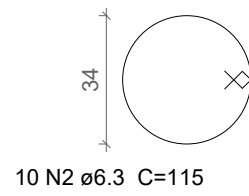
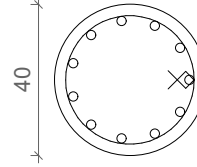
ESC 1:20



37 N2 ø6.3 C=115

BALDRAME - L1

ESC 1:20



10 N2 ø6.3 C=115

Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	9	116	1044
CA50	2	6.3	252	115	28980
	3	16.0	34	VAR	VAR
	4	16.0	58	444	25752
	5	16.0	12	397	4764
	6	16.0	12	VAR	VAR

Resumo do aço

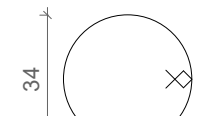
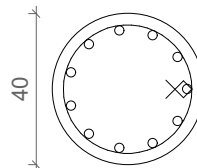
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	289.8	78
	16.0	384.8	668
CA60	5.0	10.5	1.8
PESO TOTAL			
CA50		746	
CA60		1.8	

Vol. de concreto total (C-40) = 3.58 m³
Área de forma total = 35.81 m²

P15

1° PAV - L2

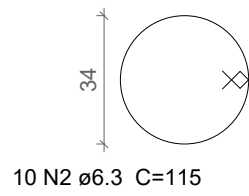
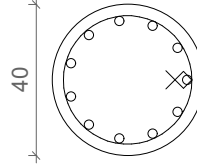
ESC 1:20



37 N2 ø6.3 C=115

BALDRAME - L1

ESC 1:20



10 N2 ø6.3 C=115

NOTAS

1) CONCRETO

- 1.1) Ec=28 GPa
- 1.2) CONTROLE TECNOLÓGICO OBRIGATORIO
- 1.3) QUEDA LIVRE NO LANCAMENTO NUNCA SUPERIOR A 2 METROS
- 1.4) CONCRETAGEM EM CAMADAS NUNCA SUPERIORES A 20 CM
- 1.5) JUNTAS NO PLANO DE LIGACAO DO PILAR C/ A FACE INFERIOR DA ESTRUTURA
- 1.6) A CURA DEVERA SER FEITA DURANTE 7 DIAS APOS A CONCRETAGEM

2) FORMAS

- 2.1) OS PRAZOS PARA RETIRADA DAS FORMAS SERAO:
 - 2.1.1) FACES LATERAIS - 3 DIAS
 - 2.1.2) FACES INFERIORES (DEIXANDO A ESTRUTURA REESCORADA) - 14 DIAS
 - 2.1.3) FACES INFERIORES SEM OS PONTALETES - 21 DIAS
- 2.2) DEIXAR PELO MENOS DOIS PAVIMENTOS ABAIXO DO CONCRETADO ESCORADO

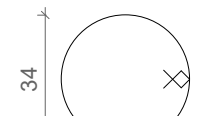
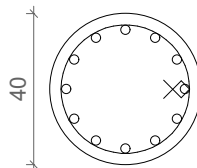
3) ARMADURA

- 3.1) COLOCAR ESPACADORES OU COCADAS P/ RESPEITAR COBRIMENTO DE PROJETO
- 3.2) NUNCA EMENDAR SEM CONSULTAR O CALCULISTA
- 3.3) EVITAR CHOQUE DO VIBRADOR COM A ARMADURA
- 3.4) LIMPAR TODAS AS BARRAS COM LIXA DE FERRO P/ TIRAR FERRUGEM

P16

1° PAV - L2

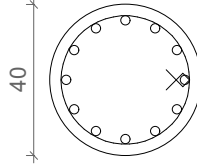
ESC 1:20



37 N2 ø6.3 C=115

BALDRAME - L1

ESC 1:20



9 N1 ø5.0 C=116

20

VAR

12 N6 ø16.0 C=VAR

44

0

VAR

10 N2 ø11

VAR

37 N2 ø11

400

37 N2 ø11

400

ESC 1:25

44

0

VAR

12 N6 ø16.0 C=444

44

0

VAR

10 N2 ø11

VAR

37 N2 ø11

400

37 N2 ø11

400

ESC 1:25

44

0

VAR

12 N6 ø16.0 C=VAR

44

0

VAR

10 N2 ø11

VAR

37 N2 ø11

400

37 N2 ø11

400

ESC 1:25

44

0

VAR

12 N6 ø16.0 C=444

44

0

VAR

10 N2 ø11

VAR

37 N2 ø11

400

37 N2 ø11

400

ESC 1:25

44

0

VAR

12 N6 ø16.0 C=VAR

44

0

VAR

10 N2 ø11

VAR

37 N2 ø11

400

37 N2 ø11

400

ESC 1:25

PRANCHA:		PROJETO ESTRUTURAL CLUBE DA CÂMARA MUNICIPAL	
09/42		PROPRIETÁRIO: PREFEITURA MUNICIPAL DE JOÃO PESSOA - PMJP	
		END: RUA BANCÁRIO WALDEMAR DE MESQUITA ACCIOLY, SN, QD 078	
		BANCÁRIOS, JOAO PESSOA - PB	
ATIVIDADE	DATA	RESPONSÁVEL	ASSINATURA:
PROJETO	16/12/24	ENG. BRUNO FURTADO	
		BRUNO FURTADO	
		ENGENHEIRO CIVIL/TEC EDIFICAÇÕES	
		CALCULISTA ESTRUTURAL	
		FONE: (0xx83) 99651-4354	
		E-MAIL: fretasbrunoeduardo@gmail.com	
ESCALA:	DESENHOS:		
1:50	PILARES		

ESTRUTURAL