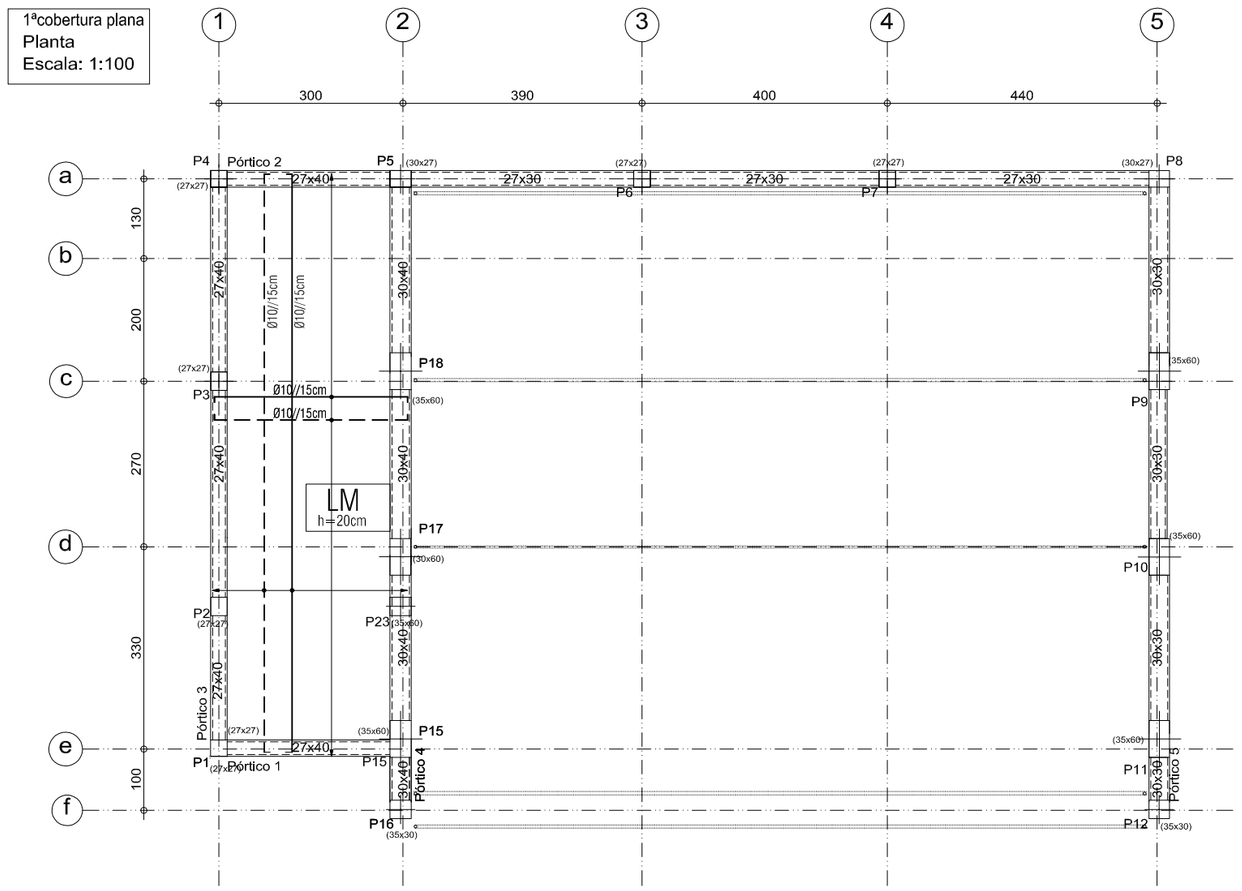
1ªcobertura plana
Planta
Escala: 1:100

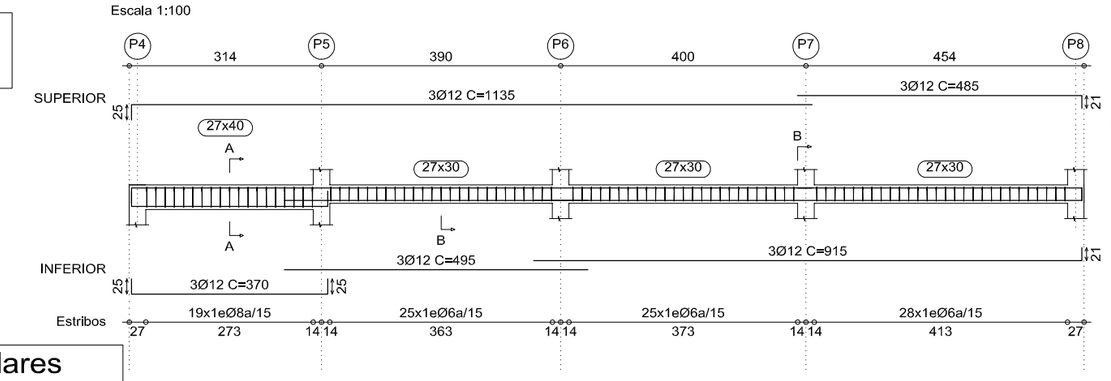


SIMBOLOGIA:

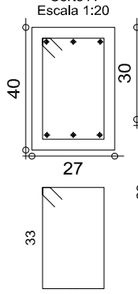
- VIGA ALTA
- VIGA BAIXA
- LM h=20cm — LAJE MACIÇA / ESPESSURA
- ARRANQUE DE PILAR
- PILAR QUE TERMINA

1ªcob
Planta
Escala: 1:100

Pórtico 2
Escala 1:100

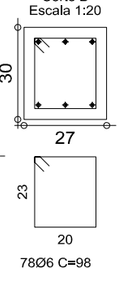


Corte A
Escala 1:20



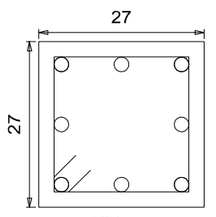
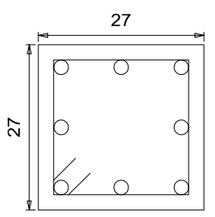
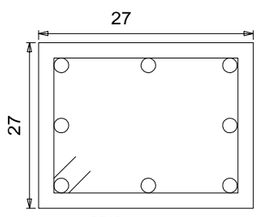
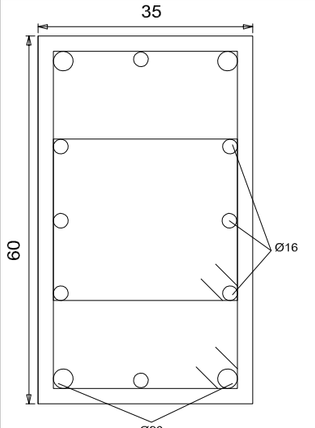
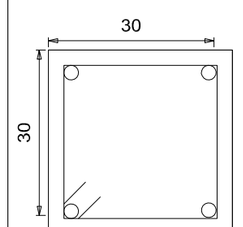
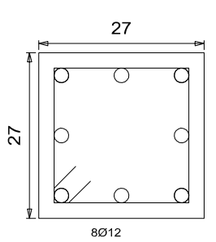
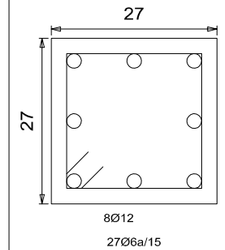
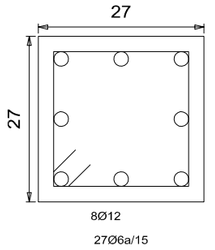
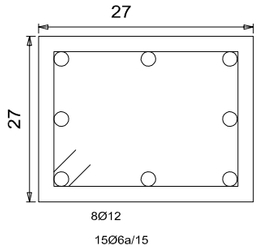
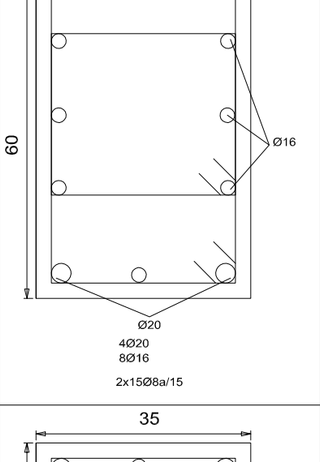
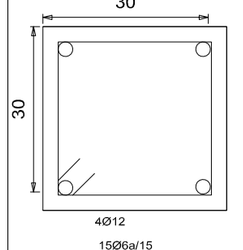
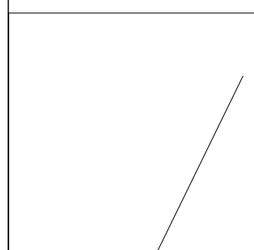
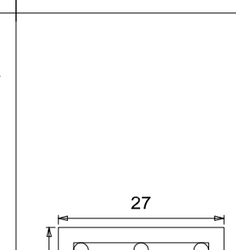
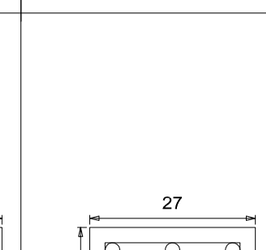
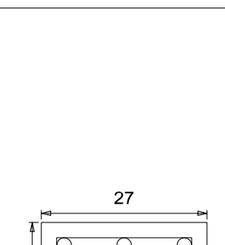
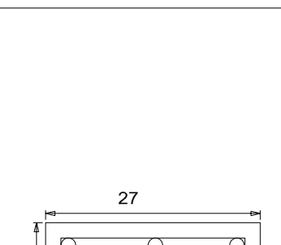
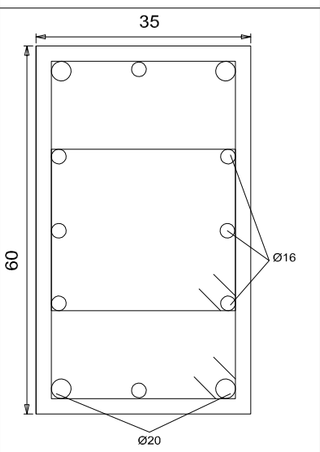
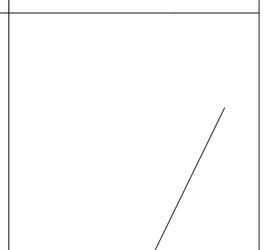
19Ø8 C=122

Corte B
Escala 1:20

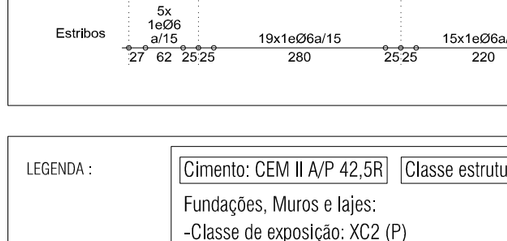


78Ø6 C=98

Quadro de pilares
Betão: B37 (C30/37)
Aço: A500
Escala: 1:10

P1	P1=P2=P3=P4=P6=P7=P13=P14=P19=P20=P21=P22		P6=P7	P5=P8=P23	P9=P10=P11=P15=P17=P18	P12=P16	
							2ªcobertura plana
8Ø12 19Ø6a/15			8Ø12 27Ø6a/15	8Ø12 15Ø6a/15	Ø16 Ø20 4Ø20 8Ø16 2x15Ø8a/15	4Ø12 15Ø6a/15	1ªcobertura plana
							
8Ø12 19Ø6a/15	8Ø12 27Ø6a/15		8Ø12 27Ø6a/15	8Ø12 15Ø6a/15	Ø16 Ø20 4Ø20 8Ø16 2x15Ø8a/15	4Ø12 15Ø6a/15	Piso 1 (Palco)
							
	8Ø12 19Ø6a/15	8Ø12 19Ø6a/15	8Ø12 19Ø6a/15	8Ø12 15Ø6a/15	Ø16 Ø20 4Ø20 8Ø16 2x15Ø8a/15		Fundação

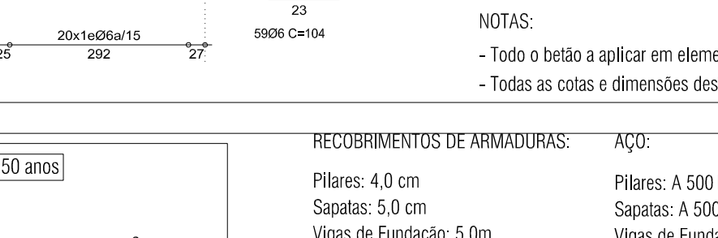
Pórtico 1
Escala 1:100



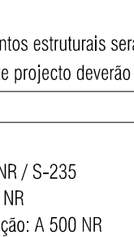
Corte A
Escala 1:20

18Ø6 C=118

Pórtico 3
Escala 1:100

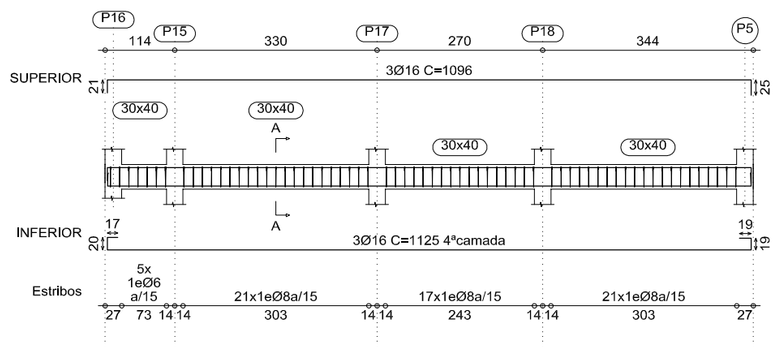


Corte A
Escala 1:20

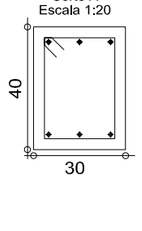


59Ø6 C=118

Pórtico 4
Escala 1:100

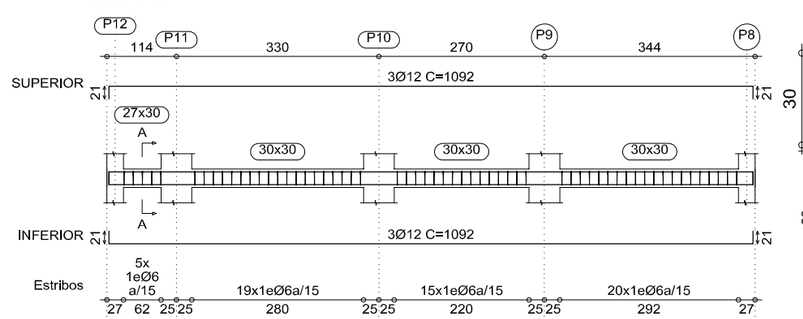


Corte A
Escala 1:20

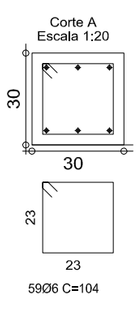


81Ø8 C=128

Pórtico 5
Escala 1:100

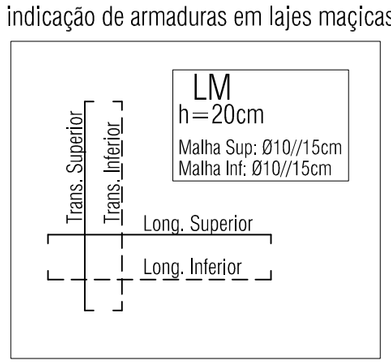


Corte A
Escala 1:20



59Ø6 C=104

indicação de armaduras em lajes maçicas



NOTAS:
- Todo o betão a aplicar em elementos estruturais será mecânicamente vibrado.
- Todas as cotas e dimensões deste projecto deverão sempre ser confirmadas com o projecto de arquitectura.

LEGENDA :

Cimento: CEM II A/P 42,5R | Classe estrutural: S4 - 50 anos

Fundações, Muros e lajes:
- Classe de exposição: XC2 (P)
- C30/37 - Razão máx a/c=0,65 ; dosagem mínima cimento=240 Kg/m^3
- Classe de teor de cloretos: Cl 0,4 ; Dmáx=30mm ; Classe de consistência = S3

RECOBRIMENTOS DE ARMADURAS:
Pilares: 4,0 cm
Sapatas: 5,0 cm
Vigas de Fundação: 5,0m
Lajes de Fundação: 5,0 cm
Lajes Superiores: 3,5 cm

AÇO:
Pilares: A 500 NR / S-235
Sapatas: A 500 NR
Vigas de Fundação: A 500 NR
Vigas Superiores: S-235
Lajes de Fundação: A 500 NR
Lajes de Superiores: A 500 NR

BETÕES:
Pilares: C 30/37
Sapatas: C 30/37
Vigas de Fundação: C 30/37
Lajes de Fundação: C 30/37
Lajes Superiores: C 30/37
Limpeza e Regularização: C 12/15

N

CLÁUSULA ÚNICA: ESTE DESENHO É PERTENÇA DE "PROJECTANGRA", BEM COMO O RESULTADO DA INTERPRETAÇÃO DO OBJECTO NELE REPRESENTADO, NÃO PODENDO O MESMO EM CASO ALGUM,SER COPIADO, USADO OU COMERCIALIZADO, SOB PENA DE SE INCORRER EM PROCESSO JURIDICO CONTRA EVENTUAIS PLAGIADORES DESTA PEÇA OU INFRACTORES DESTA CLÁUSULA.

PROJECTANGRA
GABINETE AÇOREANO DE PROJECTOS, LDA

ENGENHARIA: ADRIANO MANUEL DA SILVEIRA ROSA

DESENHOU: RODRIGO CORDENIZ FERREIRA

MUNICÍPIO DAS VELAS
REABILITAÇÃO URBANA DA SEDE DE CONCELHO DAS VELAS

PROJETO DE ESTABILIDADE

ZONA DO ARCO - PALCO
PLANTA ESTRU. DA 1ªCOBERTURA PLANA E PORM.

DEZEMBRO 2018 | ESC. 1/100 1/20 1/10 | 2015.117 | FE04