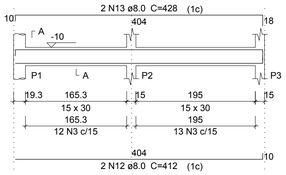
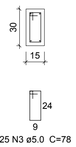
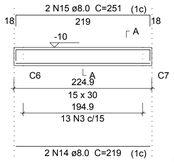
C1
ESC 1:50



SEÇÃO A-A
ESC 1:25



C2
ESC 1:50



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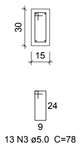
ESC 1:25



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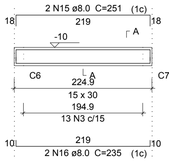
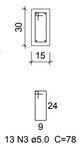
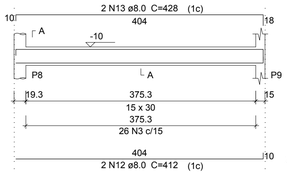
ESC 1:50



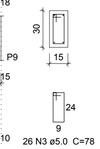
SEÇÃO A-A
ESC 1:25



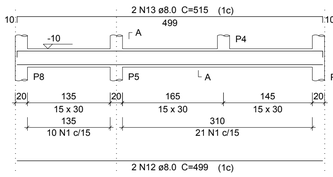
C4
ESC 1:50



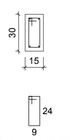
SEÇÃO A-A
ESC 1:25



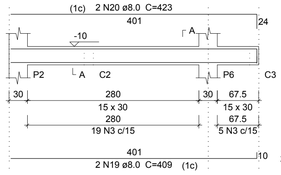
C5
ESC 1:50



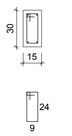
SEÇÃO A-A
ESC 1:25



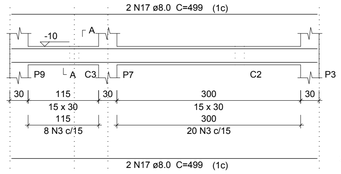
C6
ESC 1:50



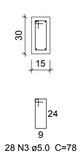
SEÇÃO A-A
ESC 1:25



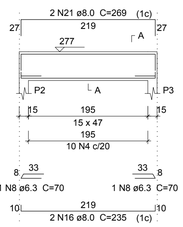
C7
ESC 1:50



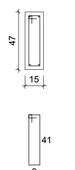
SEÇÃO A-A
ESC 1:25



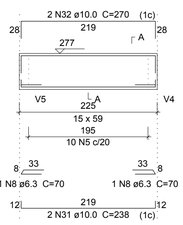
V1
ESC 1:50



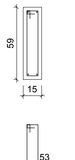
SEÇÃO A-A
ESC 1:25



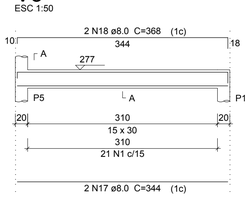
V2
ESC 1:50



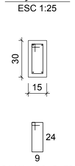
SEÇÃO A-A
ESC 1:25



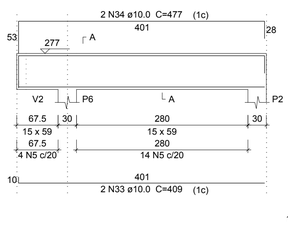
V3
ESC 1:50



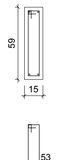
SEÇÃO A-A
ESC 1:25



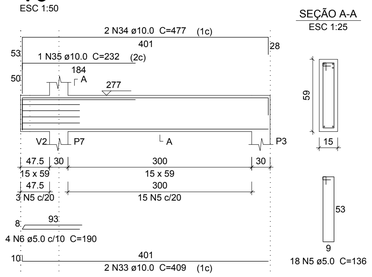
V4
ESC 1:50



SEÇÃO A-A
ESC 1:25

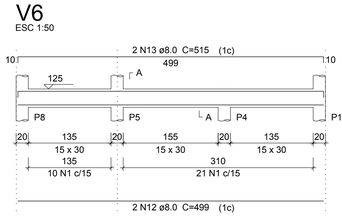


V5
ESC 1:50

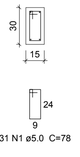


SEÇÃO A-A
ESC 1:25

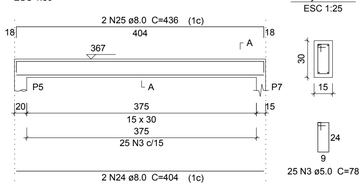
V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

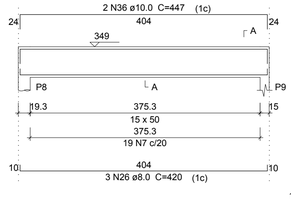


V7
ESC 1:50

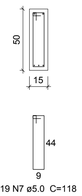


SEÇÃO A-A
ESC 1:25

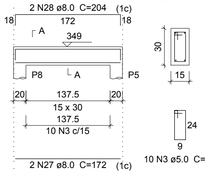
V8
ESC 1:50



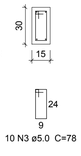
SEÇÃO A-A
ESC 1:25



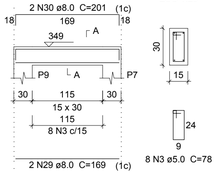
V9
ESC 1:50



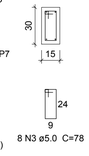
SEÇÃO A-A
ESC 1:25



V10
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

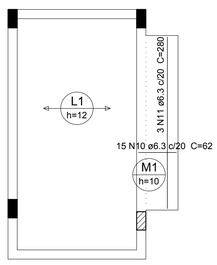
Coberta 1:	Negativos X	Positivos X
	V1	V2
	V3	V4
	V5	V6
	9xVT1a	
Coberta 2:	V7	V8
	V9	V10
	9xVT2a	
Térreo:	C1	C2
	C3	C4
	C5	C6
	C7	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	TR 08645	9	211	1899
	2	TR 08645	9	161	1449
	3	5.0	255	78	19890
	4	5.0	10	112	1120
	5	5.0	46	136	6256
	6	5.0	4	190	760
	7	5.0	19	118	2242
CA50	8	6.3	4	70	280
	9	6.3	14	181	2534
	10	6.3	15	62	930
	11	6.3	3	280	840
	12	8.0	4	412	1648
	13	8.0	4	428	1712
	14	8.0	2	219	438
	15	8.0	4	251	1004
	16	8.0	4	235	940
	17	8.0	8	499	3992
	18	8.0	4	515	2060
	19	8.0	2	409	818
	20	8.0	2	423	846
	21	8.0	2	269	538
	22	8.0	2	341	682
	23	8.0	2	365	730
	24	8.0	2	404	808
	25	8.0	2	436	872
	26	8.0	3	420	1260
	27	8.0	2	172	344
	28	8.0	2	204	408
	29	8.0	2	169	338
	30	8.0	2	201	402
	31	10.0	2	238	476
	32	10.0	2	270	540
	33	10.0	4	409	1636
	34	10.0	4	477	1908
	35	10.0	1	232	232
	36	10.0	2	447	894

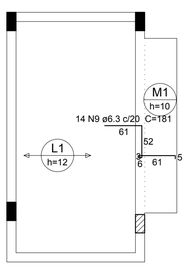
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	45.9	11.2
	8.0	198.4	78.3
	10.0	56.9	35.1
CA60	TR 08645	33.5	27.5
	5.0	302.7	46.7
PESO TOTAL (kg)			
CA50	124.6		
CA60	74.2		

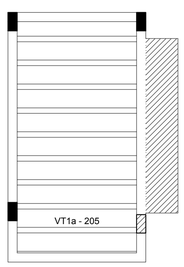
Volume de concreto (C-30) = 3.85 m³
Área de forma = 55.16 m²



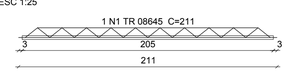
Armação positiva da Marquise
escala 1:50



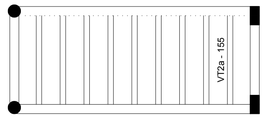
Armação negativa da Marquise
escala 1:50



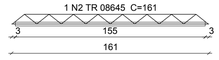
VT1a (9 unidades)
(L1)
ESC 1:25



Planta de vigotas pré-moldadas
escala 1:50



VT2a (9 unidades)
(L2)
ESC 1:25



Planta de vigotas pré-moldadas
escala 1:50

NOTAS GERAIS

- SALVO CONTRÁRIO, TODAS AS COTAS ESTÃO EM CENTIMETROS;
- NENHUMA VIGA, NERVURA OU FAIXA SERÁ PERFURADA SEM CONSULTA PRÉVIA AO CALCULISTA;
- CONCRETO FCK= 30 MPa;
- UTILIZAR SUPORTES/ESPAÇADORES(COCADAS) EM TODOS OS ELEMENTOS ESTRUTURAIS A FIM DE GARANTIR O POSICIONAMENTO CORRETO DA ARMADURA;
- PREVÊ TELAS DE LIGAÇÕES DAS ALVENARIAS COM AS FACES DOS PILARES;
- SÓ RETIRAR ESCORAMENTO DA LAJE APÓS 14 DIAS DA CONCRETAGEM;
- REESCORAR AS LAJES E VIGAS PRÓXIMAS QUE ESTEJAM LIGADAS A UM NOVO TRECHO DE CONCRETAGEM;
- CONFERIR COTAS NO LOCAL;
- OS BLOCOS DE FUNDAÇÃO DEVEM SER ASSENTADOS SOBRE CAMADA DE 5CM DE CONCRETO MAGRO;
- EM CASO DE DÚVIDAS CONSULTAR O CALCULISTA.

COBRIMENTO DAS ARMADURAS

- LAJES 2.5 CM
- VIGAS 3 CM
- PILARES 3 CM

UNIVERSIDADE FEDERAL DA PARAÍBA
PREFEITURA UNIVERSITÁRIA
DIVISÃO DE OBRAS
UFPB
CAMPUS I, SALA 23 CIDADE UNIVERSITÁRIA JOÃO PESSOA - PB
83 3216-7548 www.ufpb.br/prefeitura

PROJETO	ESTRUTURA DA GUARITA DA RESIDÊNCIA UNIVERSITÁRIA
LOCAL	UFPB - CAMPUS I
ENGENHEIRO	GABRIEL FIGUEIREDO DE MELO — CREA 1814783920
REQUERENTE	

CONFERIR COTAS NA OBRA
EM CASO DE DÚVIDAS ENTRAR EM CONTATO PELO TELEFONE (83) 3216.7548

PAVIMENTO	-	ÁREA CONSTRUÍDA	21 m²
DESENHO	DETALHAMENTO DAS VIGAS E LAJES	ÁREA COBERTA	21 m²
ESCALA	INDICADA	FONTE / FINANCIAMENTO	
DATA	JANEIRO - 2018	CÓDIGO DO PROJETO	---

PRANCHA 03/ 03