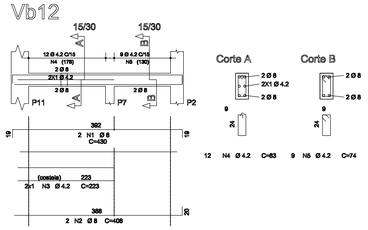
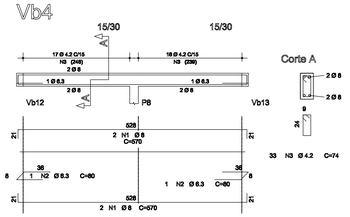
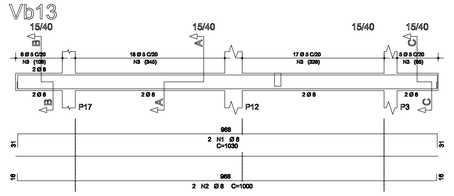
Vb12



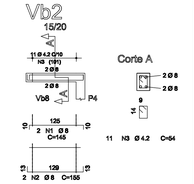
Vb4

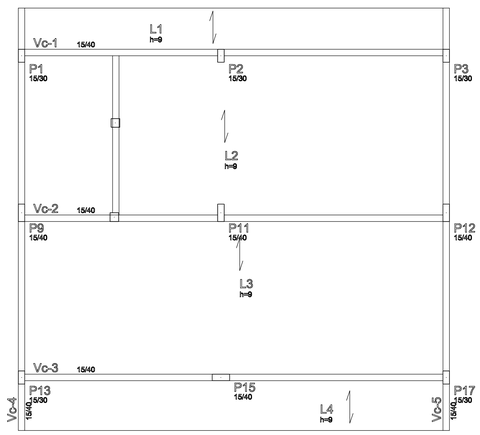


Vb13



Vb2

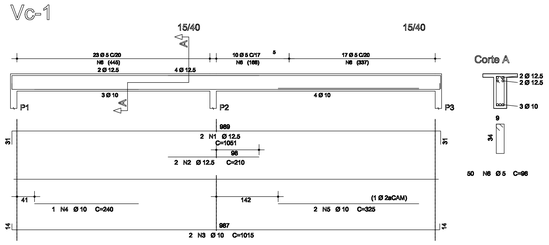




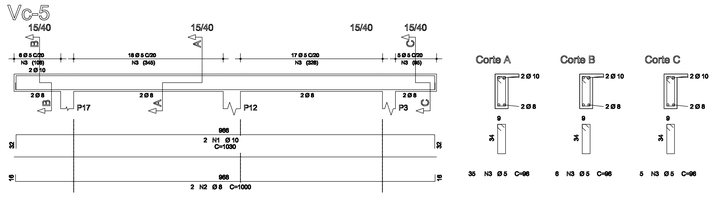
LAJE COBERTURA

ARMAÇÃO: VIGAS DA COBERTURA

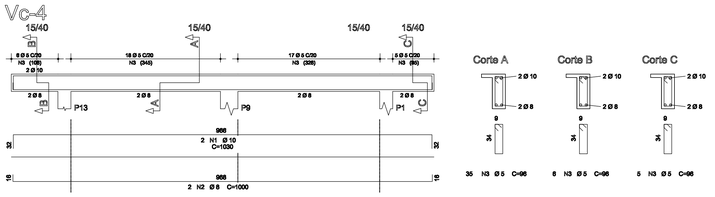
Vc-1



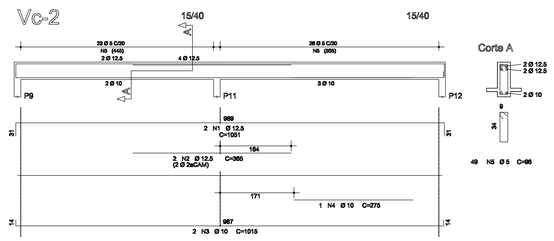
Vc-5



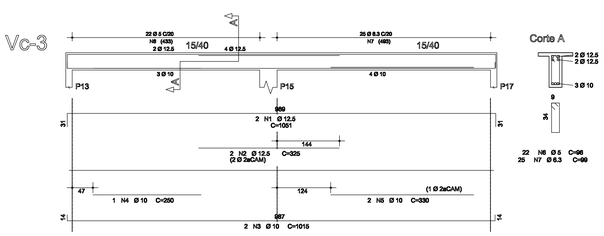
Vc-4



Vc-2



Vc-3



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
Vb4					
50A	1	8	4	570	2280
50A	2	6.3	2	80	160
60B	3	4.2	33	74	2442
Vb12					
50A	1	8	2	430	860
50A	2	8	2	408	816
60B	3	4.2	2	223	446
60B	4	4.2	12	83	996
60B	5	4.2	9	74	666

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	4.2	48	5
50A	6.3	2	0
50A	8	40	18
Peso Total	60B =		5 kg
Peso Total	50A =		18 kg

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
Vc-1					
50A	1	12.5	2	1051	2102
50A	2	12.5	2	210	420
50A	3	10	2	1015	2030
50A	4	10	1	240	240
50A	5	10	2	325	650
60B	6	5	50	96	4800
Vc-2					
50A	1	12.5	2	1051	2102
50A	2	12.5	2	365	730
50A	3	10	2	1015	2030
50A	4	10	1	275	275
60B	5	5	49	96	4704
Vc-3					
50A	1	12.5	2	1051	2102
50A	2	12.5	2	325	650
50A	3	10	2	1015	2030
50A	4	10	1	250	250
50A	5	10	2	330	660
60B	6	5	22	96	2112
60A	7	6.3	25	99	2475
Vc-4					
50A	1	10	2	1030	2060
50A	2	8	2	1000	2000
60B	3	5	46	96	4416
Vc-5					
50A	1	10	2	1030	2060
50A	2	8	2	1000	2000
60B	3	5	46	96	4416

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	204	33
60A	6.3	26	6
50A	8	40	16
50A	10	123	77
50A	12.5	81	81
Peso Total	60B =		33 kg
Peso Total	50A =		181 kg

UENP - UNIVERSIDADE ESTADUAL DO NORTE DO PARANÁ

CLIENTE: CAMPUS CORNÉLIO PROCÓPIO - Rod. PR 160 km 0 CORNÉLIO PROCÓPIO PR

OBRA: CONSTRUÇÃO DE UMA COZINHA EM ALVENARIA DE TIJOLOS

TÍTULO: PROJETO ESTRUTURAL

FORMA: VIGAS DA COBERTURA
ARMAÇÃO: VIGAS DA COBERTURA

OBRA N. º

DES. N. º

TRU 02/03

REV. N. º

DATA: 09/09/2013 | ESCALA | FOLHA: 29 folhas | DESENHO | VERIF. | ENG. º: LINCOLN HOZAKI