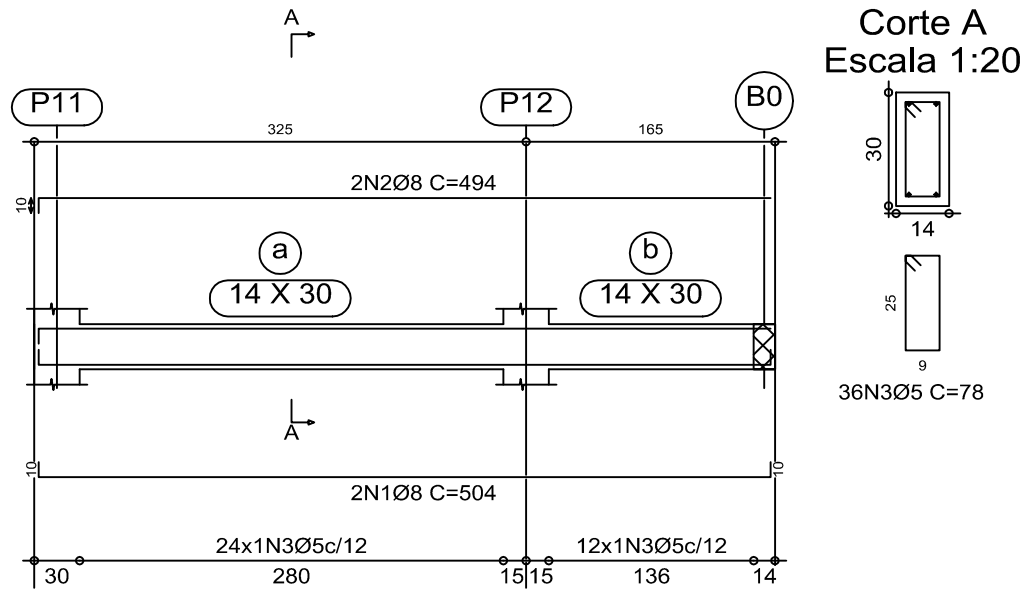


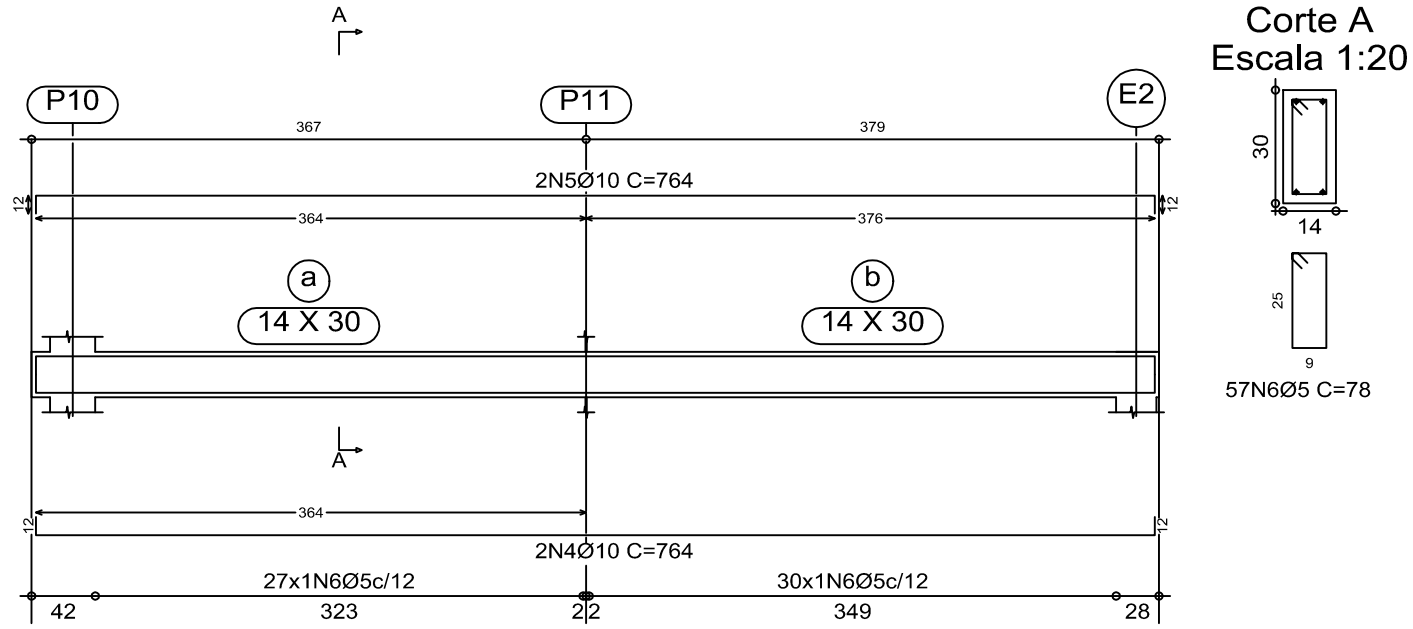
Laje térrea  
Desenho de Vigas  
Concreto: C25, em geral  
Aço: CA-50-A e CA-60-B  
Escala vigas: 1:50  
Escala seções: 1:20

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

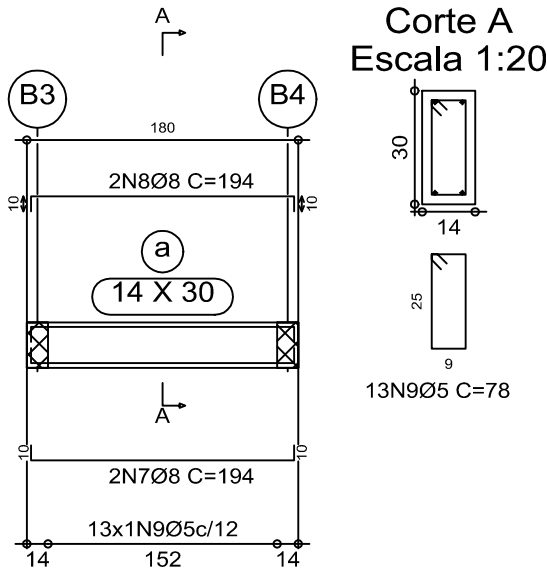
V 1  
Escala 1:50



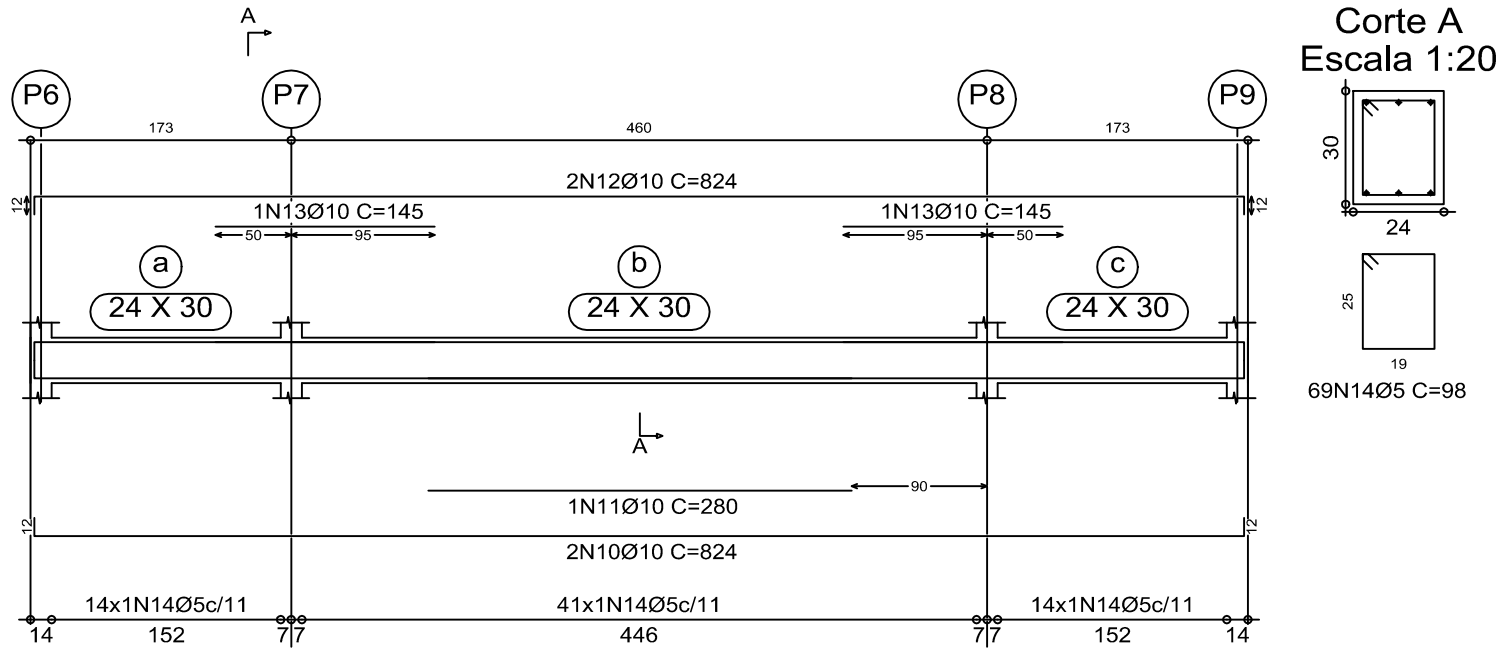
V 2  
Escala 1:50



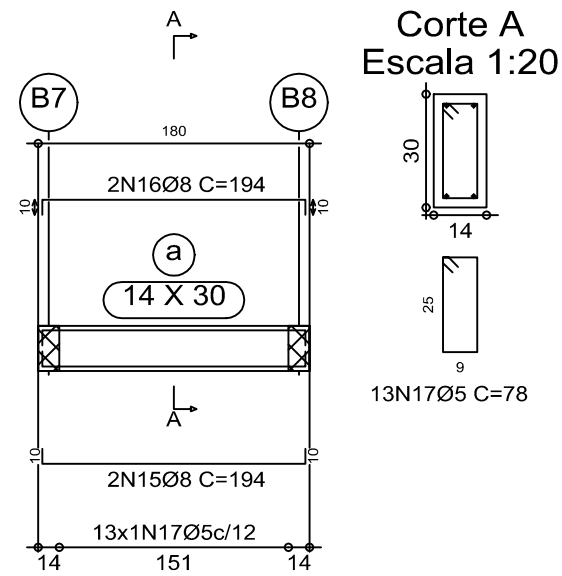
V 3  
Escala 1:50



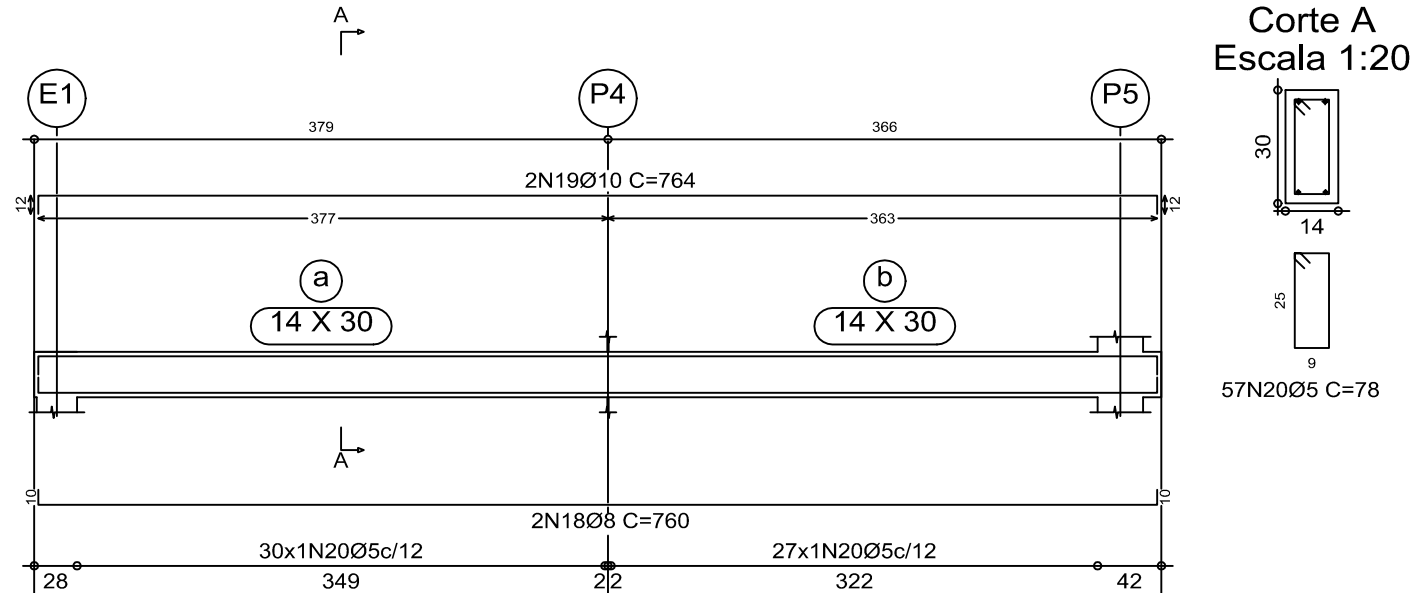
V 4  
Escala 1:50



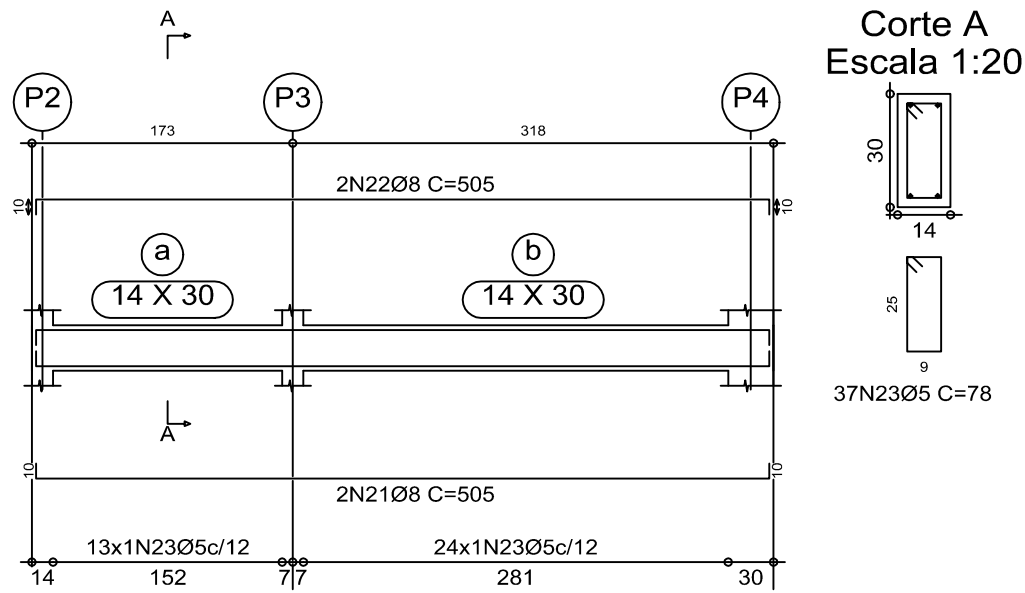
V 5  
Escala 1:50



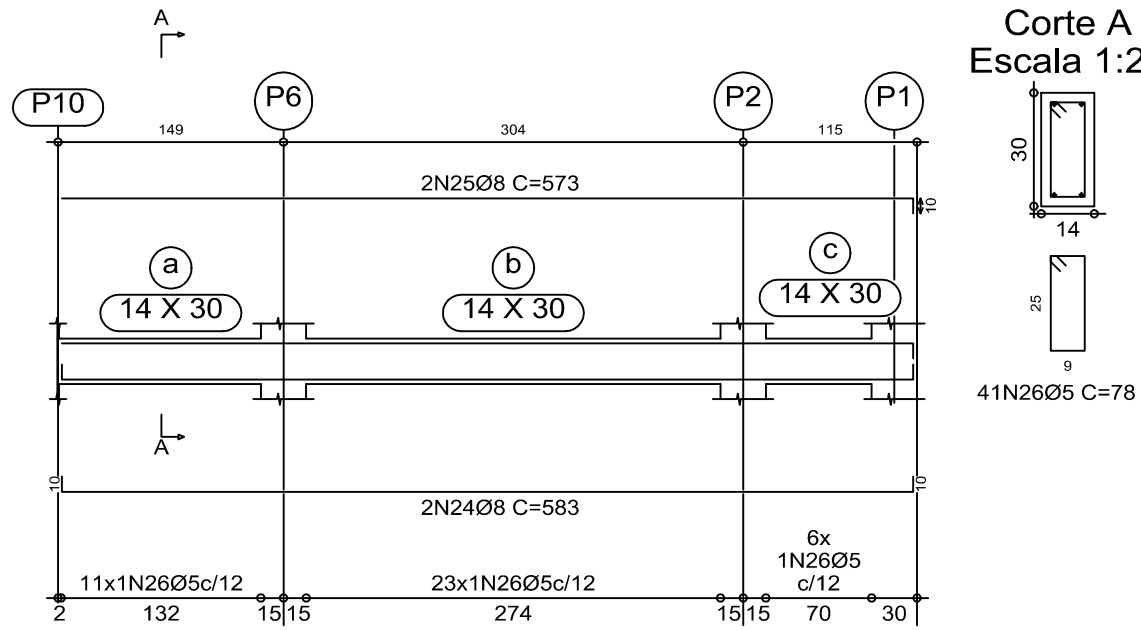
V 6  
Escala 1:50



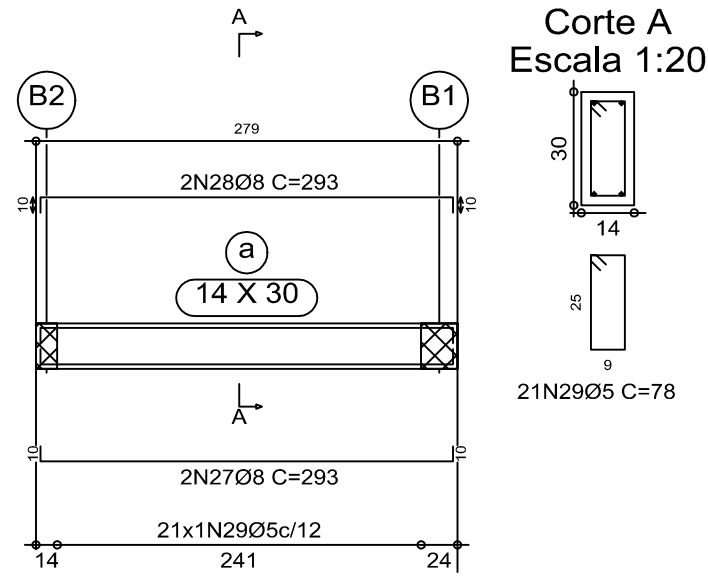
V 7  
Escala 1:50



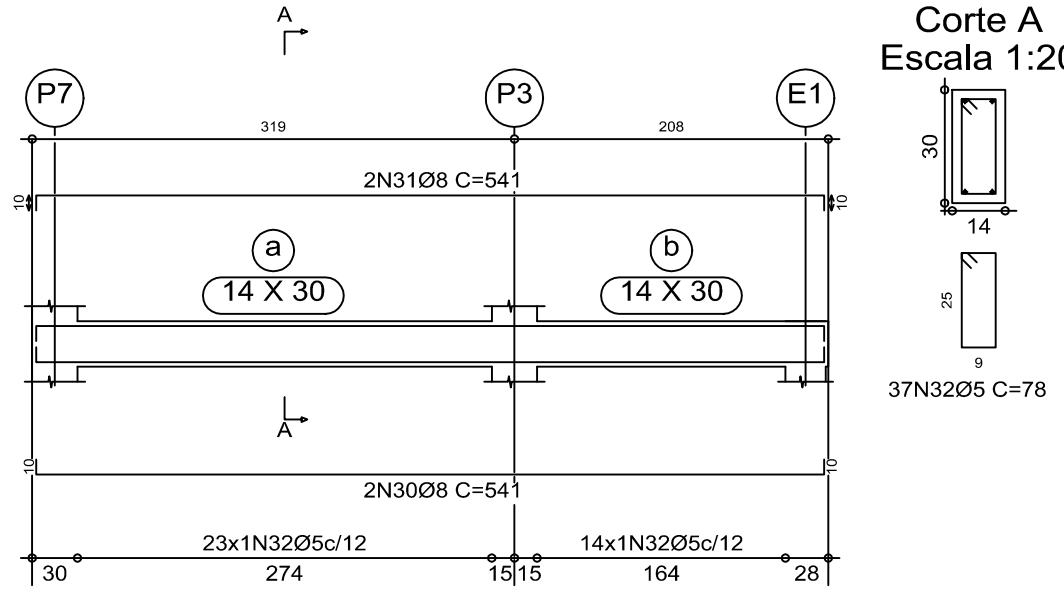
V 8  
Escala 1:50



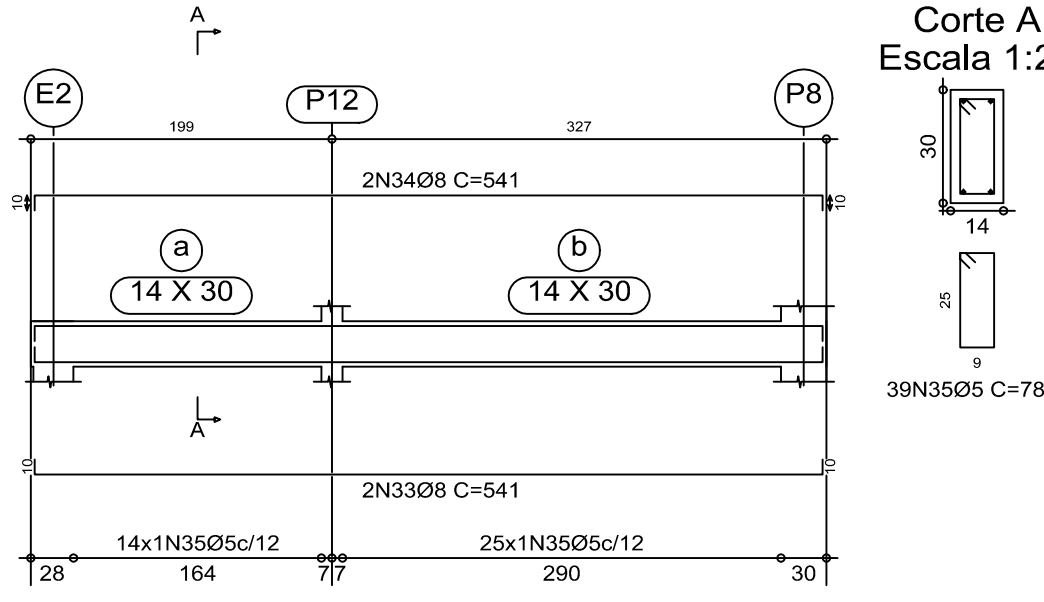
V 9  
Escala 1:50



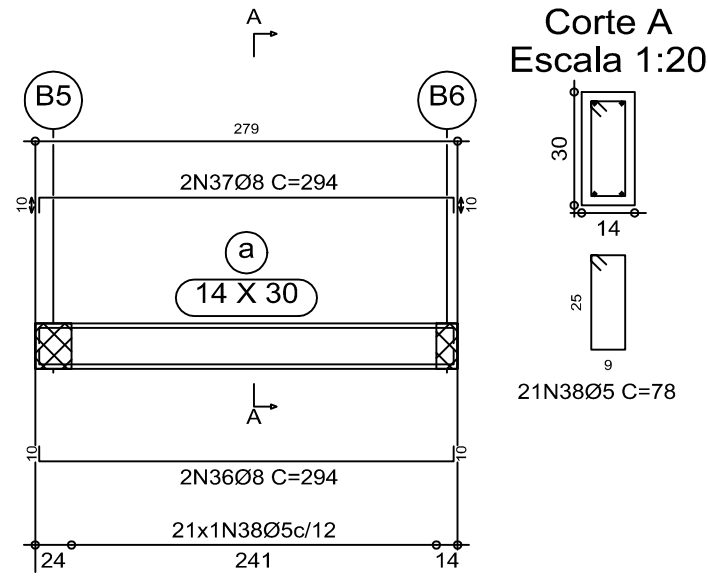
V 10  
Escala 1:50



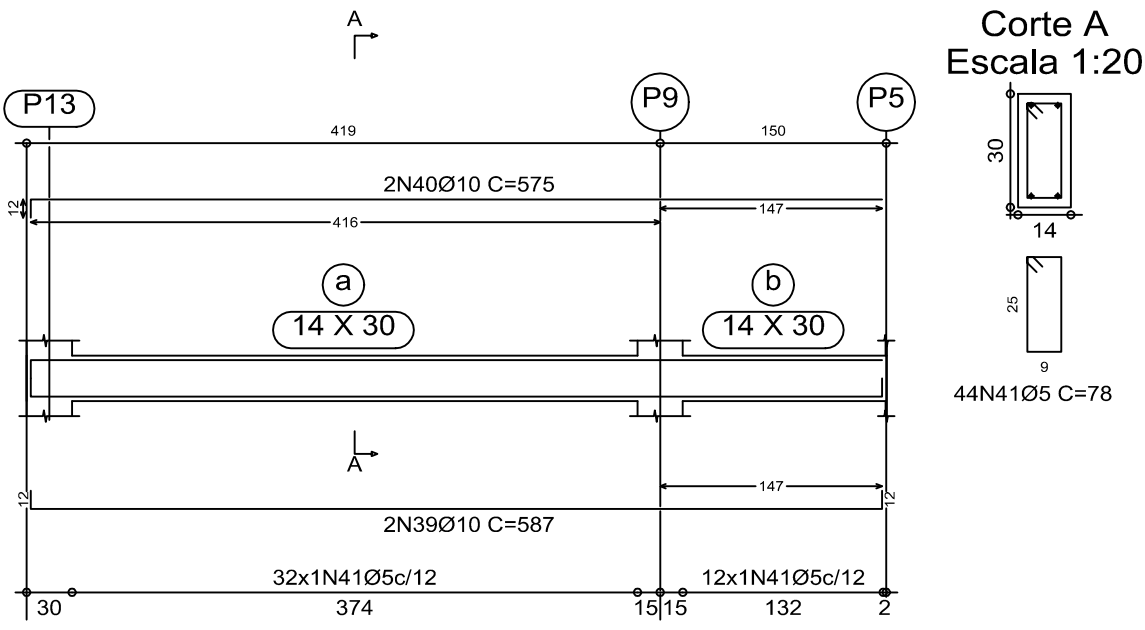
V 11  
Escala 1:50



V 12  
Escala 1:50



V 13  
Escala 1:50



V 1	1 2 3	Ø8 Ø8 Ø5	2 2 36	10 10 484	10 484	504 494 78	1008 988 2808	3.96 3.88 4.41	4.85
Total+10%:								8.62	
V 2	4 5 6	Ø10 Ø10 Ø5	2 2 57	12 12 740	12 740	764 764 78	1528 1528 4446	9.60 9.60 6.98	7.68
Total+10%:								21.12	
V 3	7 8 9	Ø8 Ø8 Ø5	2 2 13	10 10 174	10 174	194 194 78	388 388 1014	1.52 1.52 1.59	1.75
Total+10%:								3.34	
V 4	10 11 12 13 14	Ø10 Ø10 Ø10 Ø10 Ø5	2 1 2 2 69	12 800 12 800 145	12 800 12 800	824 280 824 145 98	1648 280 1648 290 6762	10.35 1.76 10.35 1.82 10.62	11.68
Total+10%:								26.71	
V 5	15 16 17	Ø8 Ø8 Ø5	2 2 13	10 10 174	10 174	194 194 78	388 388 1014	1.52 1.52 1.59	1.75
Total+10%:								3.34	
V 6	18 19 20	Ø8 Ø10 Ø5	2 2 57	10 12 740	10 740	760 764 78	1520 1528 4446	5.97 9.60 6.98	7.68
Total+10%:								17.13	
V 7	21 22 23	Ø8 Ø8 Ø5	2 2 37	10 10 485	10 485	505 505 78	1010 1010 2886	3.96 3.96 4.53	4.98
Total+10%:								8.71	
V 8	24 25 26	Ø8 Ø8 Ø5	2 2 40	10 10 563	10 563	583 573 78	1166 1146 3120	4.58 4.50 4.90	5.39
Total+10%:								9.99	
V 9	27 28 29	Ø8 Ø8 Ø5	2 2 21	10 10 273	10 273	293 293 78	586 586 1638	2.30 2.30 2.57	2.83
Total+10%:								5.06	
V 10	30 31 32	Ø8 Ø8 Ø5	2 2 37	10 10 521	10 521	541 541 78	1082 1082 2886	4.25 4.25 4.53	4.98
Total+10%:								9.35	
V 11	33 34 35	Ø8 Ø8 Ø5	2 2 39	10 10 521	10 521	541 541 78	1082 1082 3042	4.25 4.25 4.78	5.26
Total+10%:								9.35	
V 12	36 37 38	Ø8 Ø8 Ø5	2 2 21	10 10 274	10 274	294 294 78	588 588 1638	2.31 2.31 2.57	2.83
Total+10%:								5.08	
V 13	39 40 41	Ø10 Ø10 Ø5	2 2 44	12 12 563	12 563	587 575 78	1174 1150 3432	7.37 7.22 7.93	8.39
Total+10%:								16.05	
Ø5:								0.00	
Ø8:								69.41	
Ø10:								74.44	
TOTAL:								143.85	

RESUMO AÇO Laje térrea VIGAS	Comp. Total (m)	Peso(com perdas) (kg)	Total
CA-50-A Ø8	160.8	69	
Ø10	107.7	74	143
CA-60-B Ø5	391.3	68	68
Total			211

## ESTRUTURA BANHEIROS

REVISÕES	DATA	DESCRIÇÃO
00	17/02/2017	EMIÇÃO ORIGINAL
 Eng. Civil CREA: 72.806/D-MG (34) 3216-1284 - 9981-8058		PROJETO : PROJETO ESTRUTURAL
		FOLHA 04/06
		LOCALIZAÇÃO : PRAÇA AMÉRICO ABÍLIO DE ARAÚJO - CENTRO, CORUMBAIBA - GO
		Fck: 25 MPa Fator Água Cimento: <0.60 SLUMP (abatimento): 10±2
ASSINATURAS:		OS DIREITOS AUTORAIS DESTA PROPOSTA SÃO DE PROPRIEDADE DO ENG. CIVIL SÉRGIO R. F. ÁZARA, SENDO PROIBIDA SUA RE- PRODUÇÃO TOTAL OU PARCIAL, SEM COMO SUA CESSÃO A TERCEIROS E UTILIZAÇÃO P/ OUTROS FINS, SEM A AUTORIZAÇÃO PREVIA E POR ESCRITO DO AUTOR. TÍTULO IV- DEC. LEI-7963 DEC. LEI-8481 DE 1946.
PROPRIETÁRIO : _____ PREFEITURA MUNICIPAL DE CORUMBAIBA		
ENGENHEIRO: _____ SÉRGIO HENRIQUE FERREIRA DE AZARA CREA:72506/D MG		
CONTEÚDO: DFTAI HAMFENTO DE VIGAS RAI DRAMES		