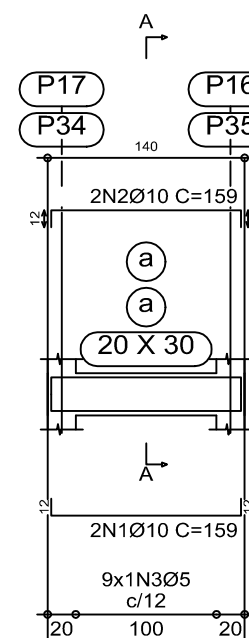
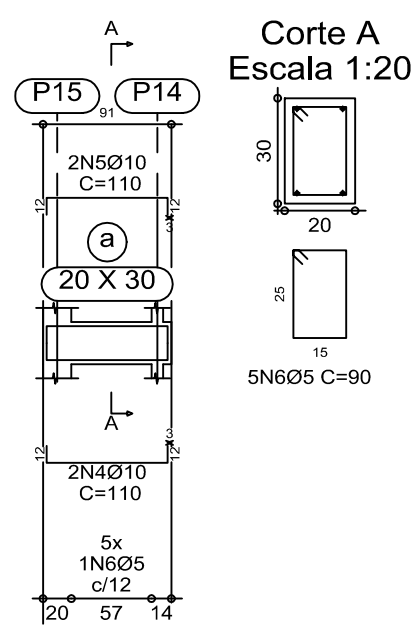


Baldrame
Desenho de Vigas
Concreto: C25, em geral
Aço: CA-50-A e CA-60-B
Escala vigas: 1:50
Escala seções: 1:20

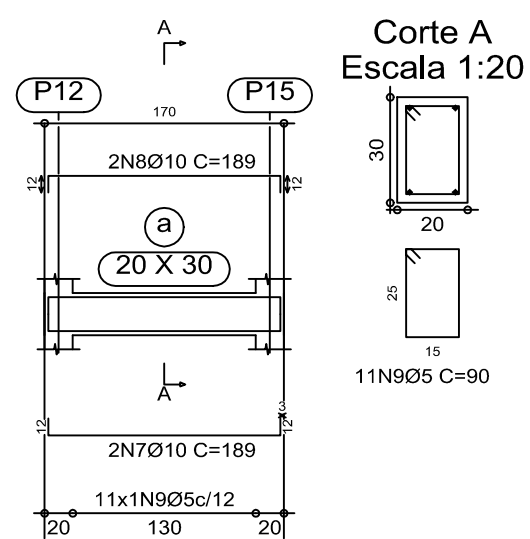
V 1
V 14
Escala 1:50



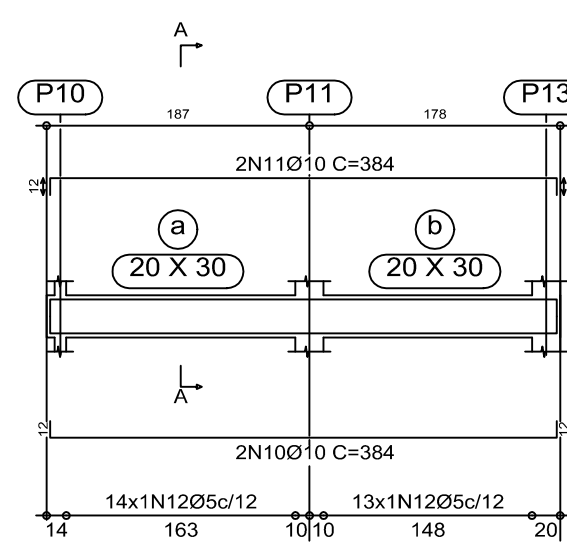
V 2
Escala 1:50



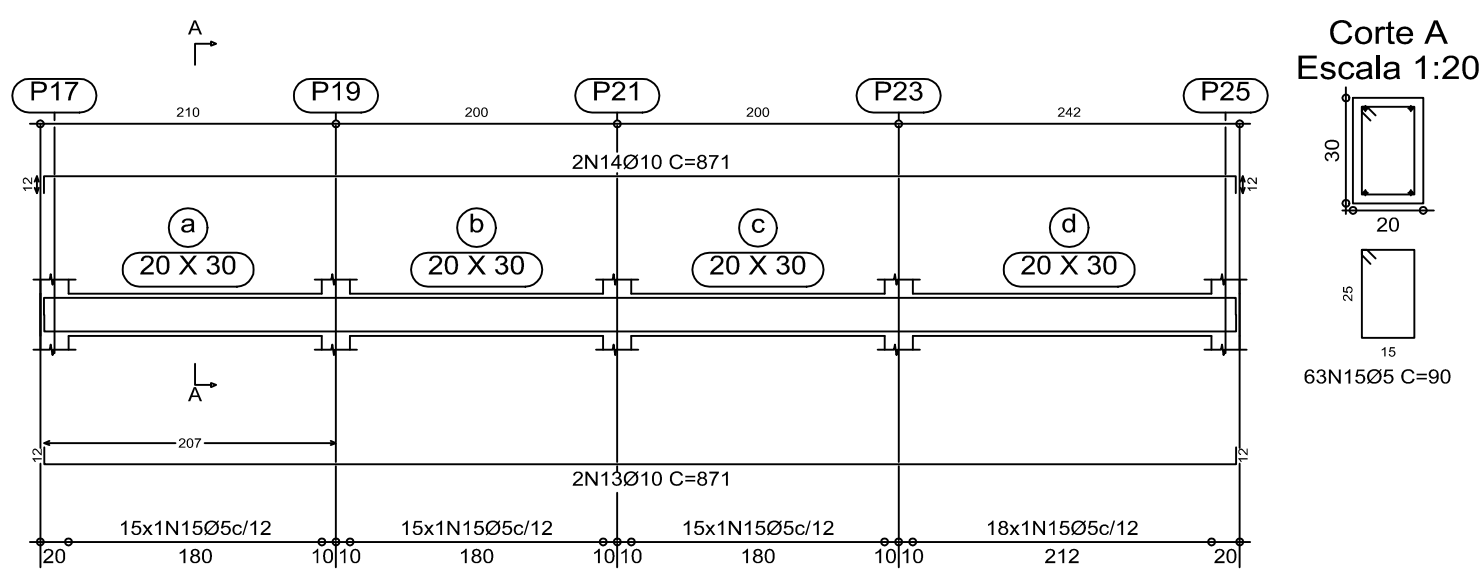
V 3
Escala 1:50



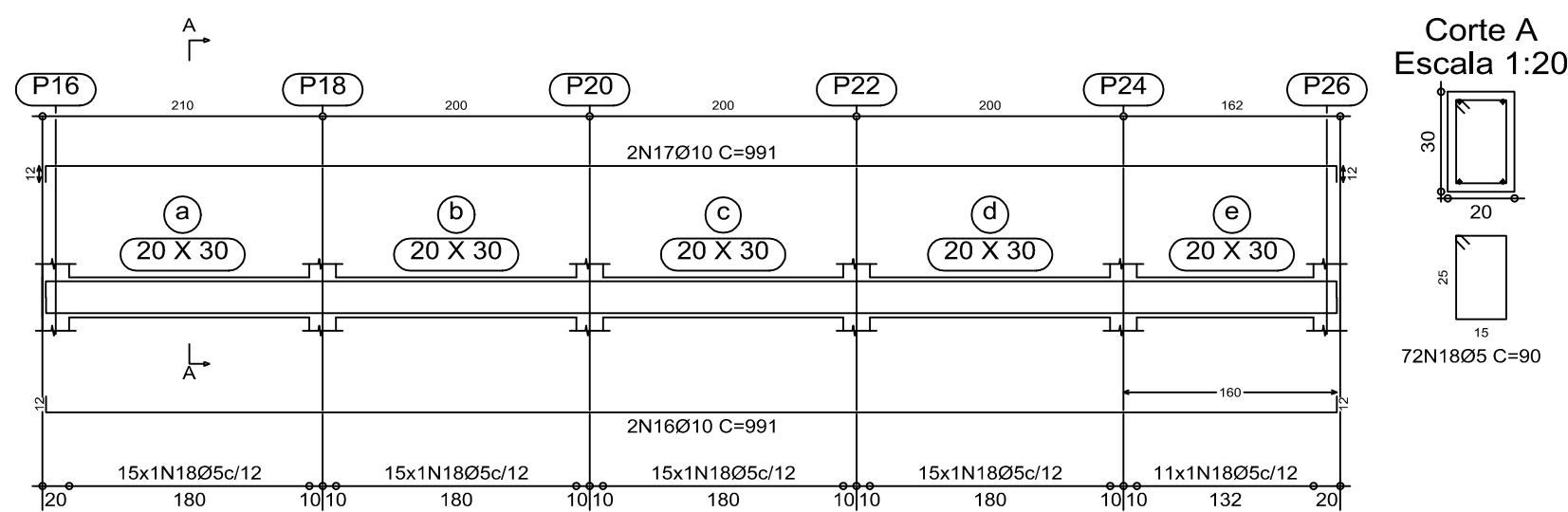
V 4
Escala 1:50



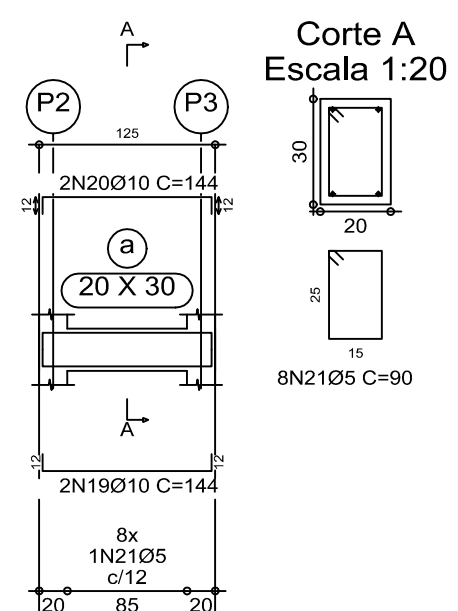
V 5
Escala 1:50



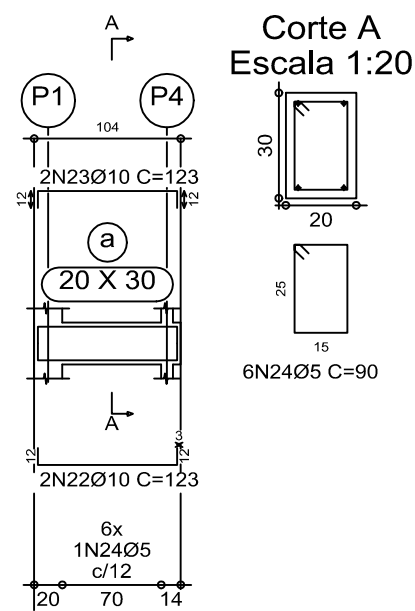
V 6
Escala 1:50



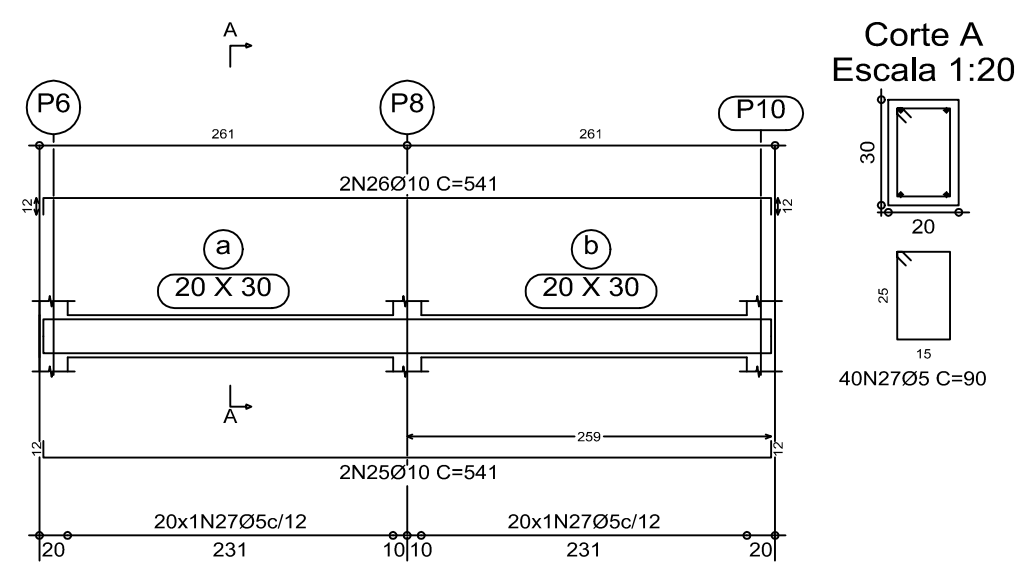
V 7
Escala 1:50



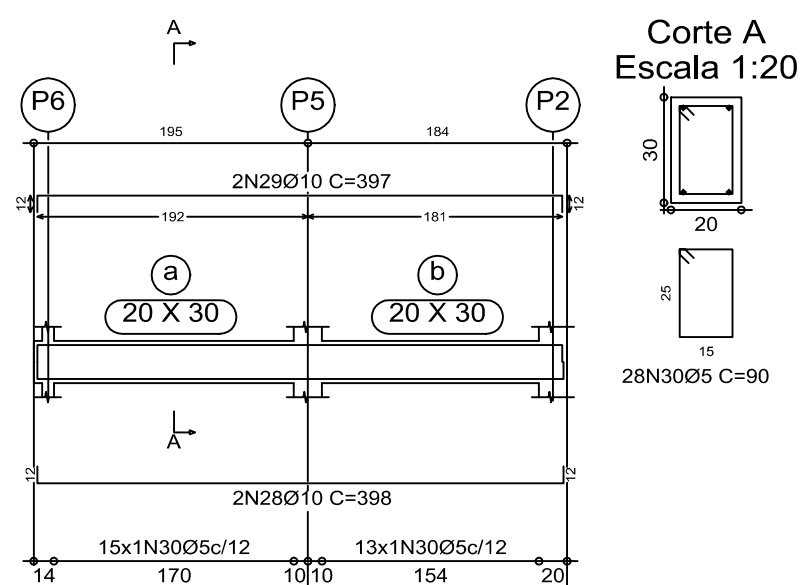
V 8
Escala 1:50



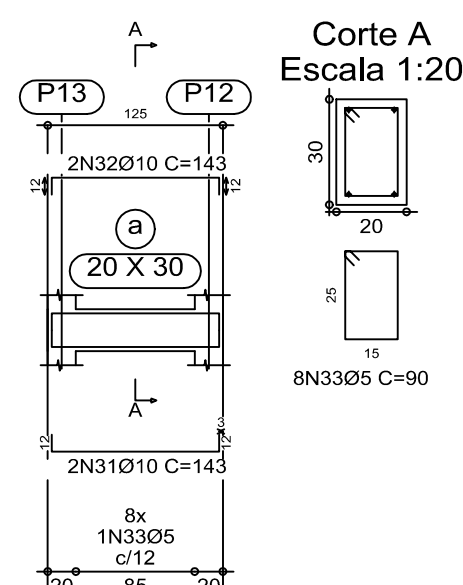
V 9
Escala 1:50



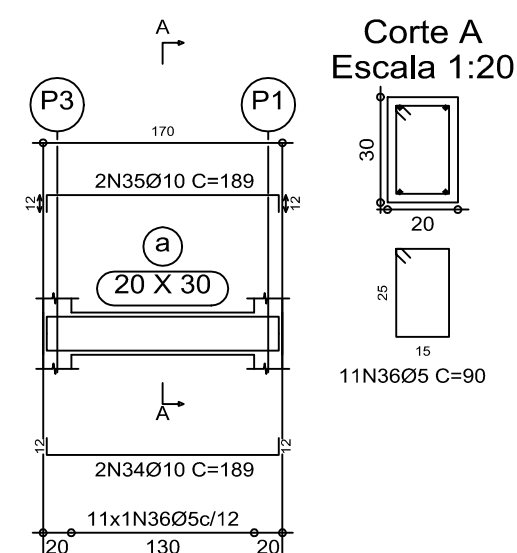
V 10
Escala 1:50



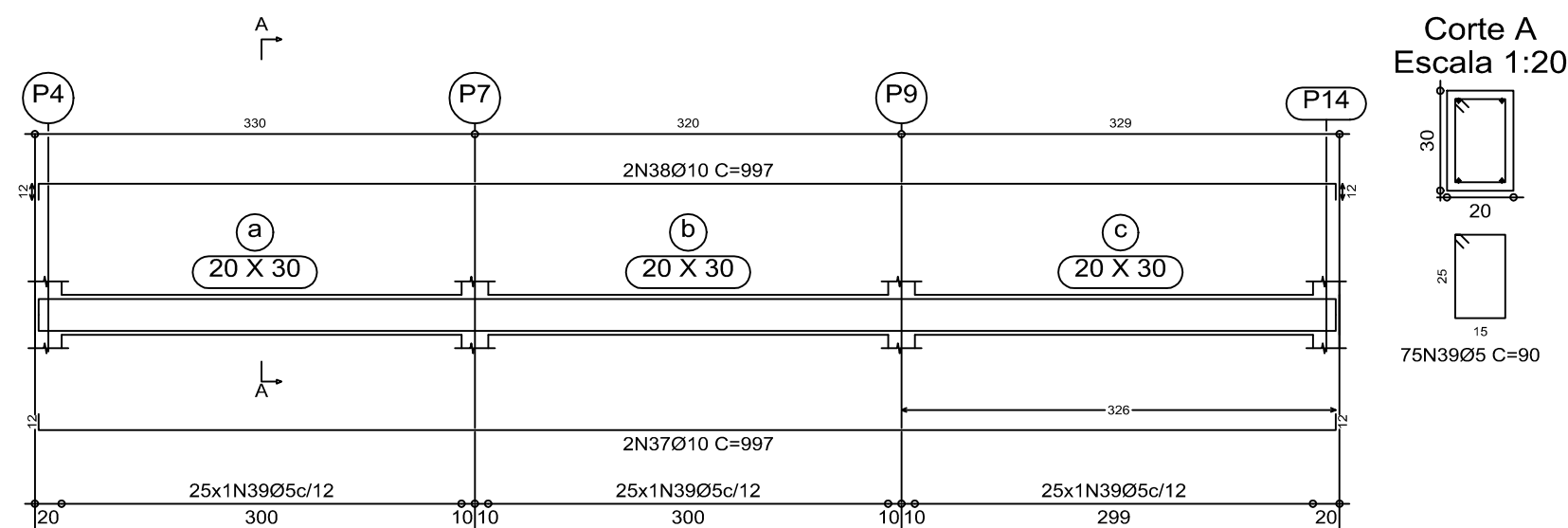
V 11
Escala 1:50



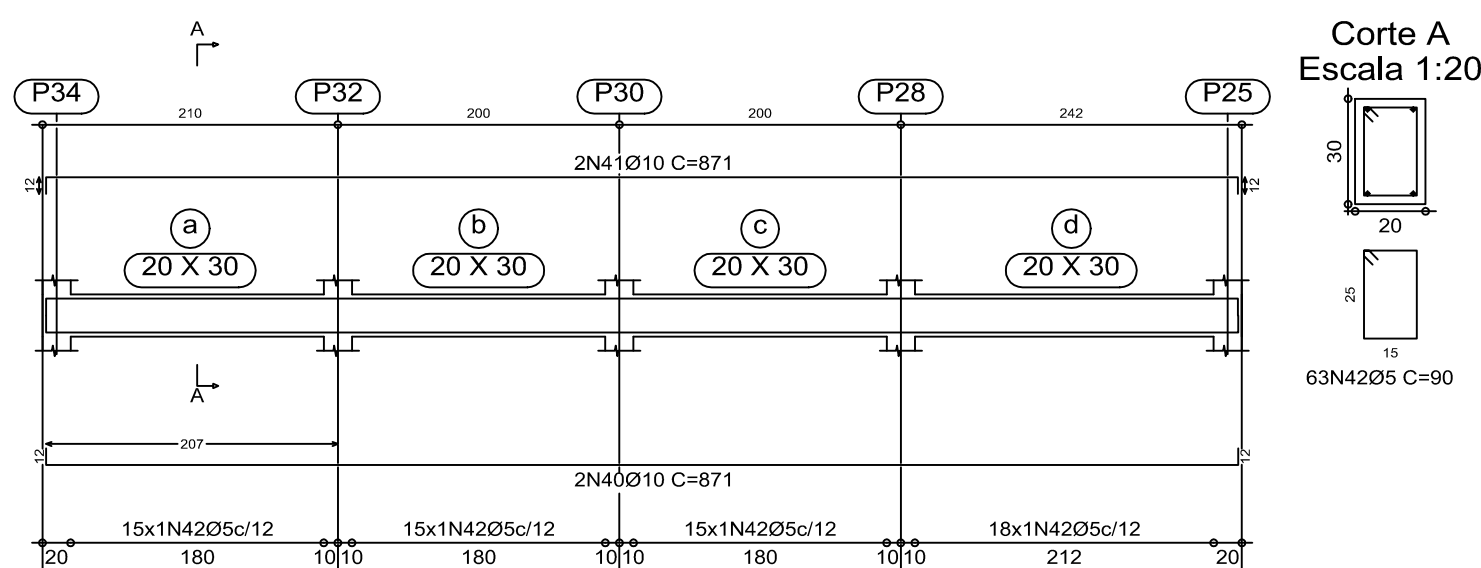
V 12
Escala 1:50



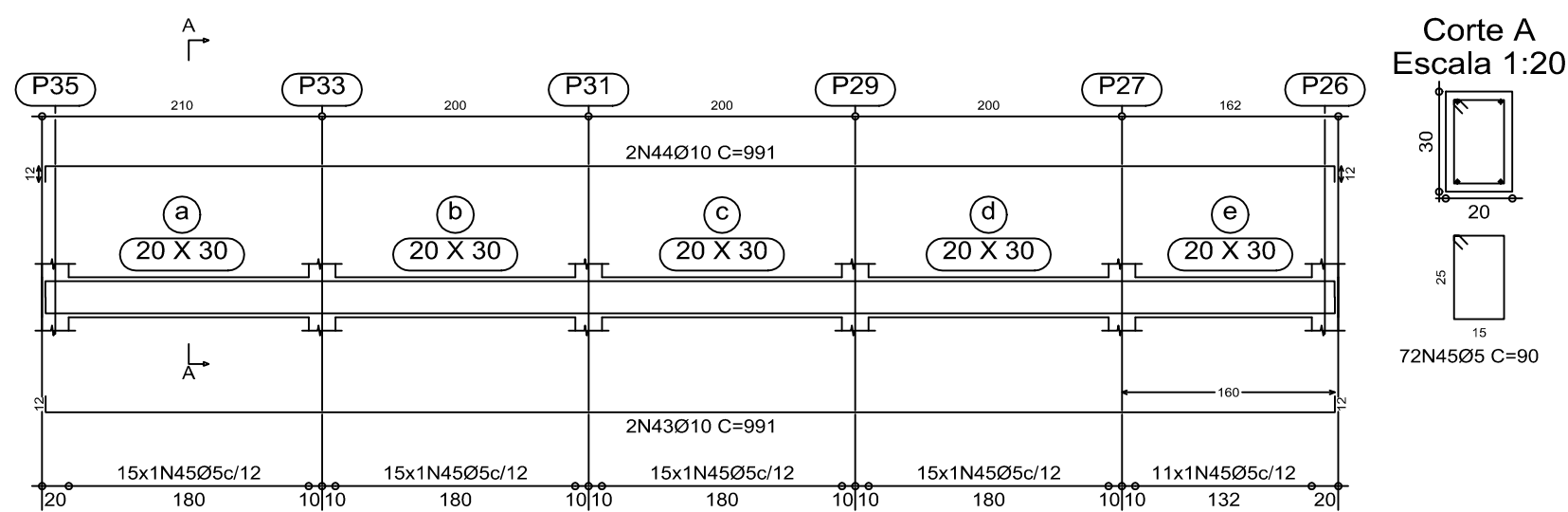
V 13
Escala 1:50



V 15
Escala 1:50



V 16
Escala 1:50



RESUMO AÇO	Comp. Total (m)	Peso(com perdas) (kg)	Total
Baldrame			
VIGAS			
CA-50-A Ø10	290,4	201	201
CA-60-B Ø5	454,5	78	78
Total			279

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
V 1=V 14	1	Ø10	2	12	135	12	159	318	2,00	
	2	Ø10	2	12	135	12	159	318	2,00	
	3	Ø5	9				90	810		1,27
	Total+10%:									4,40
V 2	4	Ø10	2	12	86	12	110	220	1,38	
	5	Ø10	2	12	86	12	110	220	1,38	
	6	Ø5	5				90	450		0,71
	Total+10%:									3,04
V 3	7	Ø10	2	12	165	12	189	378	2,37	
	8	Ø10	2	12	165	12	189	378	2,37	
	9	Ø5	11				90	990		1,55
	Total+10%:									5,21
V 4	10	Ø10	2	12	360	12	384	768	4,82	
	11	Ø10	2	12	360	12	384	768	4,82	
	12	Ø5	27				90	2430		3,82
	Total+10%:									10,60
V 5	13	Ø10	2	12	847	12	871	1742	10,94	
	14	Ø10	2	12	847	12	871	1742	10,94	
	15	Ø5	63				90	5670		8,90
	Total+10%:									24,07
V 6	16	Ø10	2	12	967	12	991	1982	12,45	
	17	Ø10	2	12	967	12	991	1982	12,45	
	18	Ø5	71				90	6390		10,03
	Total+10%:									27,39
V 7	19	Ø10	2	12	120	12	144	288	1,81	
	20	Ø10	2	12	120	12	144	288	1,81	
	21	Ø5	8				90	720		1,13
	Total+10%:									3,98
V 8	22	Ø10	2	12	99	12	123	246	1,54	
	23	Ø10	2	12	99	12	123	246	1,54	
	24	Ø5	6				90	540		0,85
	Total+10%:									3,39
V 9	25	Ø10	2	12	517	12	541	1082	6,79	
	26	Ø10	2	12	517	12	541	1082	6,79	
	27	Ø5	40				90	3600		5,65
	Total+10%:									14,94
V 10	28	Ø10	2	12	374	12	398	796	5,00	
	29	Ø10	2	12	373	12	397	794	4,99	
	30	Ø5	28				90	2520		3,96
	Total+10%:									10,99
V 11	31	Ø10	2	12	119	12	143	286	1,80	
	32	Ø10	2	12	119	12	143	286	1,80	
	33	Ø5	8				90	720		1,13
	Total+10%:									3,96
V 12	34	Ø10	2	12	165	12	189	378	2,37	
	35	Ø10	2	12	165	12	189	378	2,37	
	36	Ø5	11				90	990		1,55
	Total+10%:									5,21
V 13	37	Ø10	2	12	973	12	997	1994	12,52	
	38	Ø10	2	12	973	12	997	1994	12,52	
	39	Ø5	75				90	6750		10,60
	Total+10%:									27,54
V 15	40	Ø10	2	12	847	12	871	1742	10,94	
	41	Ø10	2	12	847	12	871	1742	10,94	
	42	Ø5	63				90	5670		8,90
	Total+10%:									24,07
V 16	43	Ø10	2	12	967	12	991	1982	12,45	
	44	Ø10	2	12	967	12	991	1982	12,45	
	45	Ø5	71				90	6390		10,03
	Total+10%:									27,39
Ø5:									0,00	78,50
Ø10:									200,58	0,00
TOTAL:									200,58	78,50

ESTRUTURA ANFITEATRO

REVISÕES	DATA	DESCRIÇÃO
00	20/02/2017	EMISSION ORIGINAL

Sérgio Azara Eng. Civil CREA: 72.800/D-MG (34) 3216-1294 - 9961-8056	PROJETO : PROJETO ESTRUTURAL		FOLHA 03/05
	LOCALIZAÇÃO : PRAÇA AMÉRICO ABÍLIO DE ARAÚJO - CENTRO, CORUMBAIBA - GO		Fck: 25 Mpa Fator Água Cimento: <0.60 SLUMP (abatimento): 10±2
	ASSINATURAS: PROPRIETÁRIO : _____ PREFEITURA MUNICIPAL DE CORUMBAIBA		OS DIREITOS AUTORAIS DESTA PROPOSTA SÃO DE PROPRIEDADE DO ENG. CIVIL SÉRGIO H. F. AZARA, SENDO PROIBIDA SUA REPRODUÇÃO TOTAL OU PARCIAL, SEM COMO SUA CESSÃO A TERCEIROS E UTILIZADA P/ OUTROS FINS, SEM A AUTORIZAÇÃO PREVIA E POR ESCRITO DO AUTOR. TÍTULO IV- DEC. LEI-7903 DEC. LEI-8481 DE 1946.
	ENGENHEIRO: SÉRGIO HENRIQUE FERREIRA DE AZARA CREA:72506/D MG		CONTEÚDO: DETALHAMENTO DE VIGAS DA BASE DOS ARRIMOS

TABELA DE PENAS FY	1	2	3	4	5	6	7	8	Diâmetro
PLATAGEM - ESC. 1:50	0,1	0,130	0,190	0,150	0,180	0,500	0,200	0,09	0,250