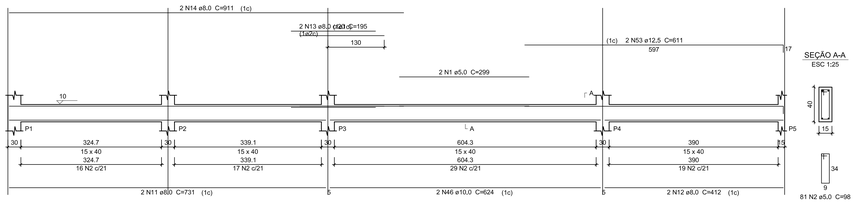
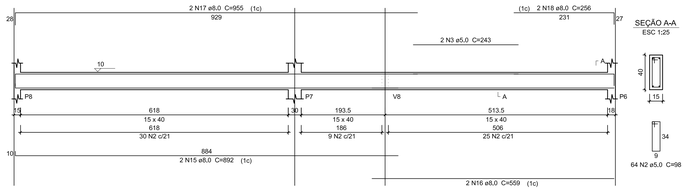
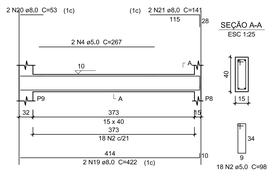
V1
ESC 1:50



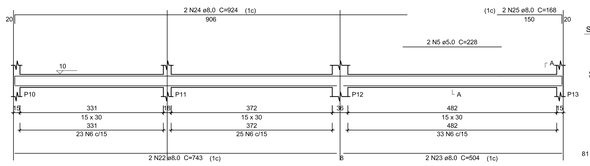
V2
ESC 1:50



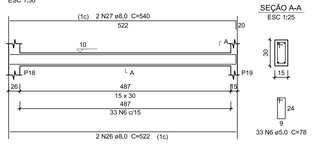
V3
ESC 1:50



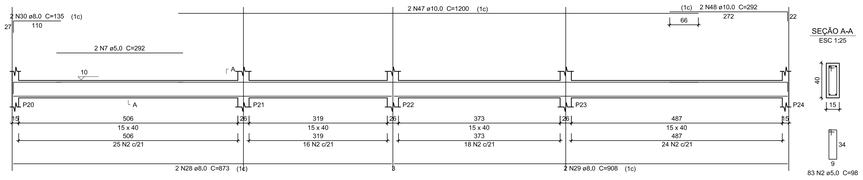
V4
ESC 1:50



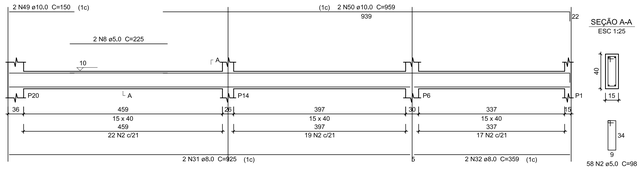
V5
ESC 1:50



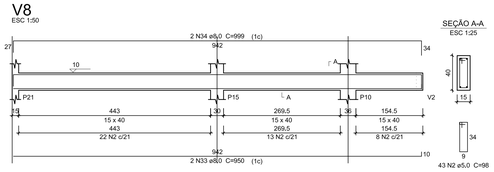
V6
ESC 1:50



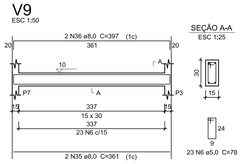
V7
ESC 1:50



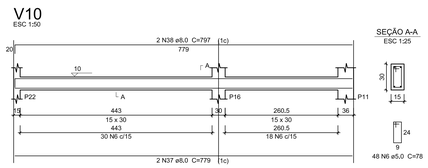
V8
ESC 1:50



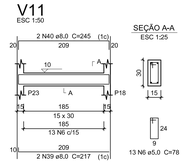
V9
ESC 1:50



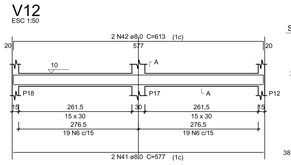
V10
ESC 1:50



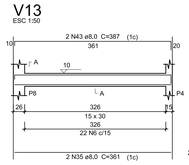
V11
ESC 1:50



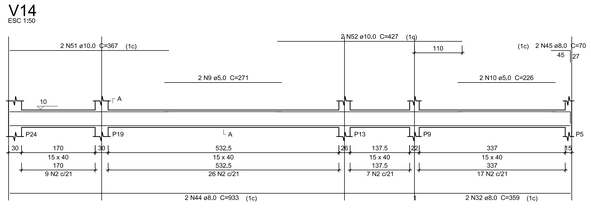
V12
ESC 1:50



V13
ESC 1:50



V14
ESC 1:50



Relação do aço

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	2	299	598
	2	5,0	406	98	39788
	3	5,0	2	243	486
	4	5,0	2	267	534
	5	5,0	2	228	456
	6	5,0	258	78	20124
	7	5,0	2	292	584
	8	5,0	2	225	450
	9	5,0	2	271	542
	10	5,0	2	226	452
CA50	11	8,0	2	731	1462
	12	8,0	2	412	824
	13	8,0	2	195	390
	14	8,0	2	911	1822
	15	8,0	2	892	1784
	16	8,0	2	559	1118
	17	8,0	2	955	1910
	18	8,0	2	256	512
	19	8,0	2	422	844
	20	8,0	2	53	106
	21	8,0	2	141	282
	22	8,0	2	743	1486
	23	8,0	2	504	1008
	24	8,0	2	924	1848
	25	8,0	2	168	336
	26	8,0	2	522	1044
	27	8,0	2	540	1080
	28	8,0	2	873	1746
	29	8,0	2	908	1816
	30	8,0	2	135	270
	31	8,0	2	925	1850
	32	8,0	4	359	1436
	33	8,0	2	950	1900
	34	8,0	2	999	1998
	35	8,0	4	361	1444
	36	8,0	2	397	794
	37	8,0	2	779	1558
	38	8,0	2	797	1594
	39	8,0	2	217	434
	40	8,0	2	245	490
	41	8,0	2	577	1154
	42	8,0	2	613	1226
	43	8,0	2	387	774
	44	8,0	2	933	1866
	45	8,0	2	70	140
	46	10,0	2	624	1248
	47	10,0	2	1200	2400
	48	10,0	2	292	584
	49	10,0	2	150	300
	50	10,0	2	959	1918
	51	10,0	2	367	734
	52	10,0	2	427	854
	53	12,5	2	611	1222

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8,0	403,5	175,1
	10,0	80,4	54,5
	12,5	12,3	12,9
CA60	5,0	640,2	108,5
PESO TOTAL			
CA50	242,6		
CA60	108,5		

Vol. de concreto total (C-25) = 7,22 m³
Área de forma total = 115,8 m²

MUNICÍPIO DE ARAUCÁRIA
SECRETARIA MUNICIPAL DE OBRAS PÚBLICAS - SMOP

TÍTULO
EDIFICAÇÃO - VIGILÂNCIA SANITÁRIA - BLOCO 2

REFERÊNCIA
PROJETO ESTRUTURAL
VIGA BALDRAME

REQUERENTE
PREFEITURA DO MUNICÍPIO DE ARAUCÁRIA

RESP. TÉCNICO PELO PROJETO
FABIO ALCEU FERNANDES CREA PR 73.222/D

MODIFICADO EM / / / / / /

LOCAL	QUADRA	LOTE	ESCALA	DESENHO	DATA	FOLHA
OLÍMPICO			INDICADA		OUT/15	06/07