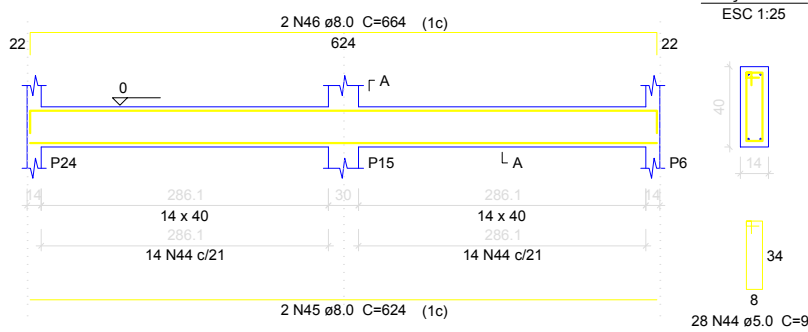
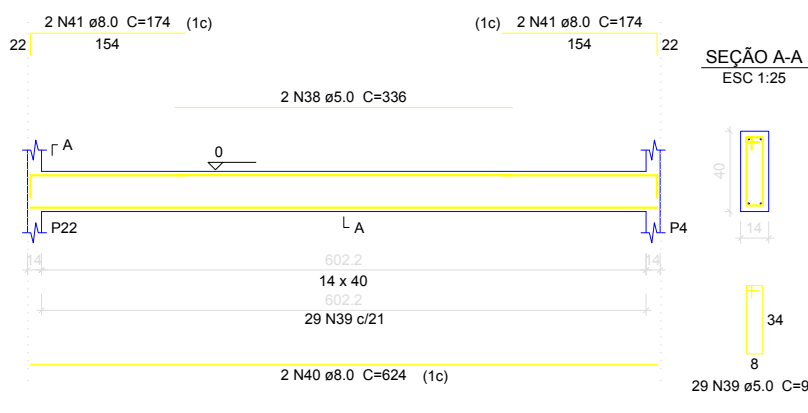
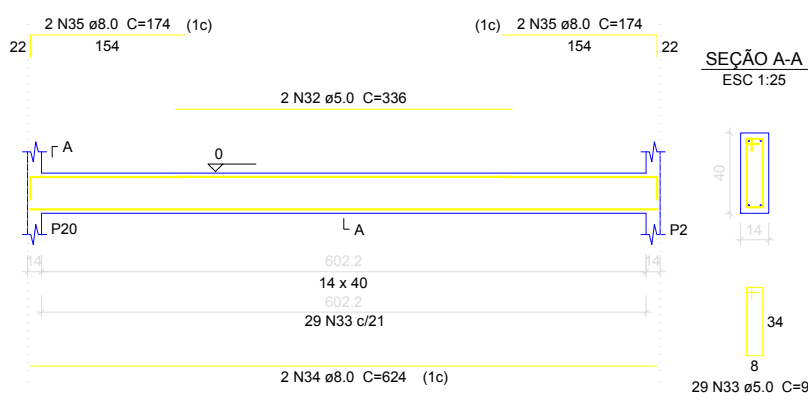
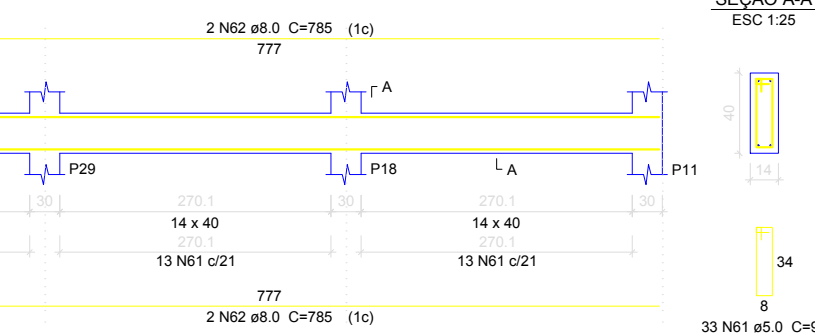
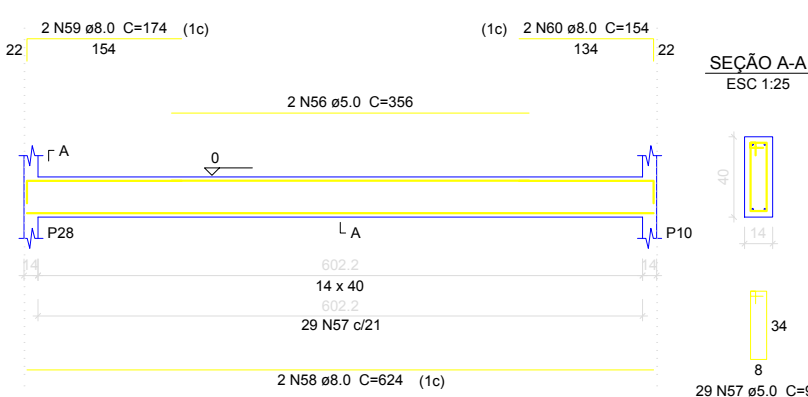
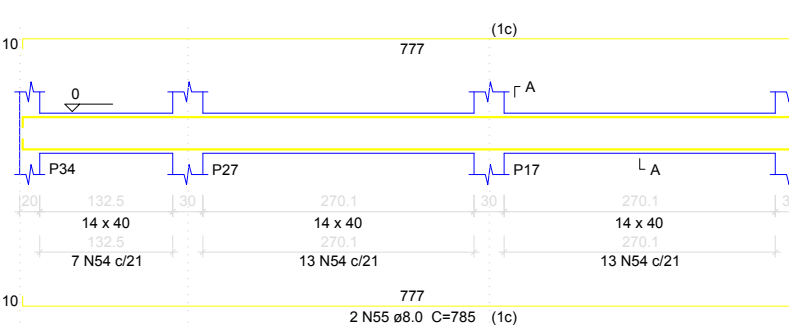
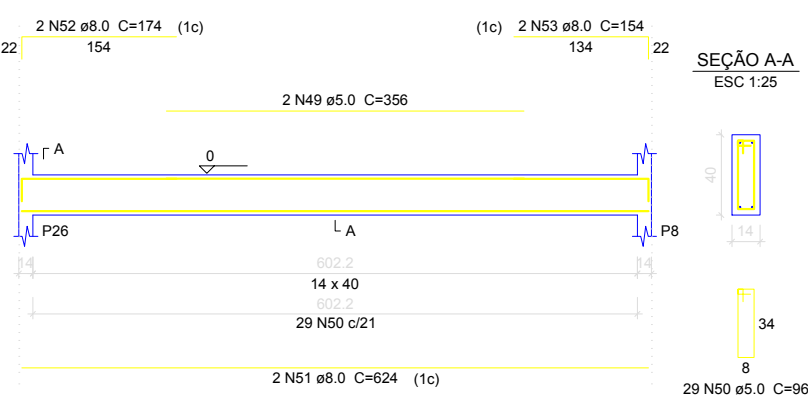
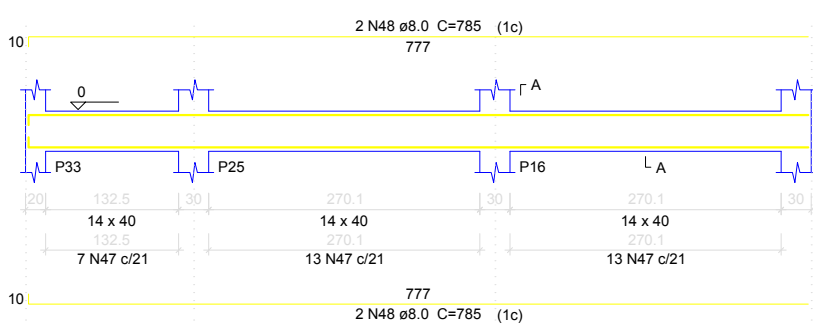
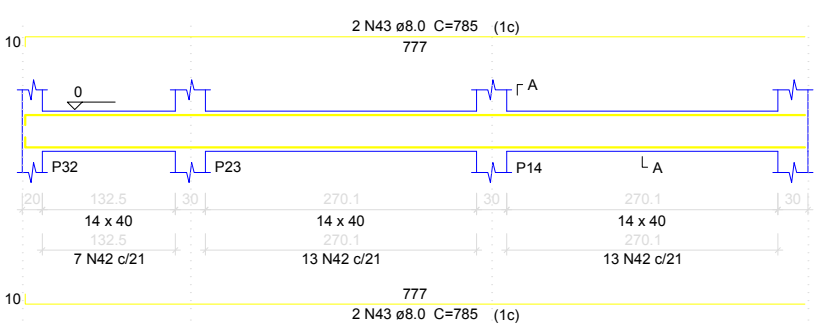
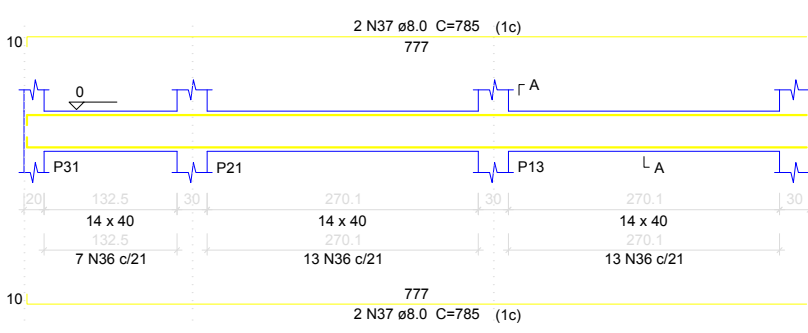
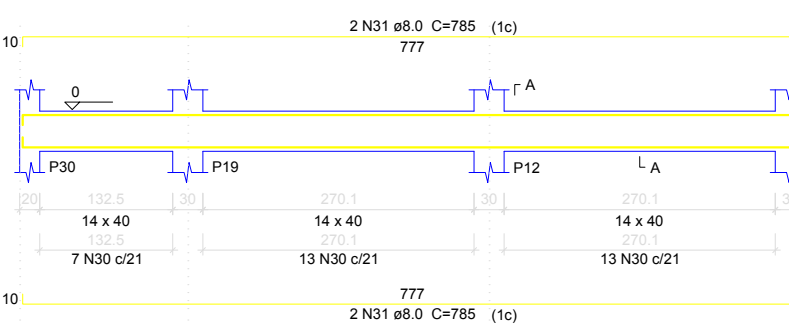
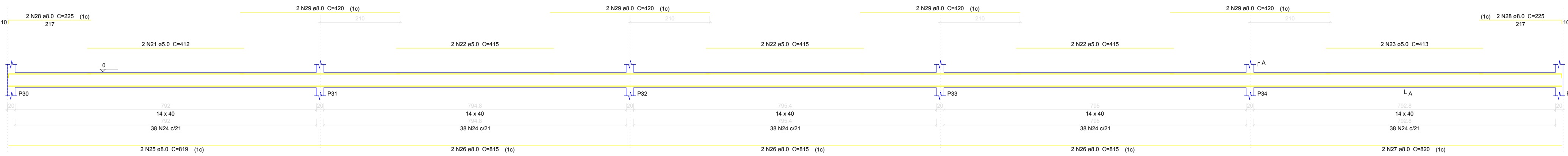
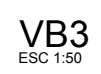
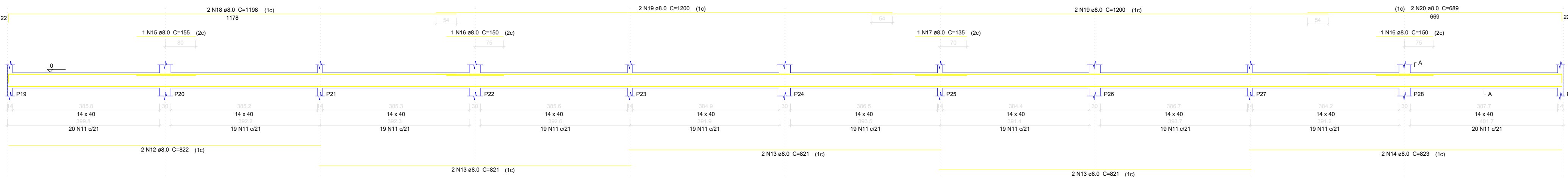
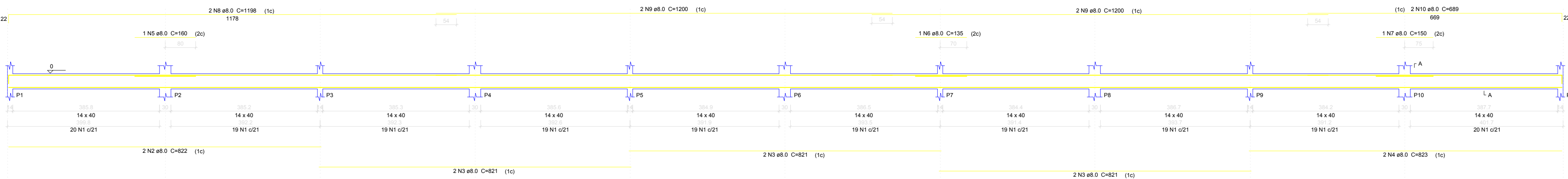


BLOCO PEDAGÓGICO

ARMAÇÃO DAS VIGAS BALDRAMES



Relação do q						
ELEMENTO	AÇO	N	DIAM	q	UNIT (cm³)	TOTAL (cm³)
VB1	CASO 1	2	50	182	255	18432
	CASO 2	8	0	2	822	1644
	CASO 3	8	0	2	822	1644
	CASO 4	8	0	2	823	1646
	CASO 5	8	0	2	823	1646
	CASO 6	8	0	1	135	135
VB2	CASO 7	8	0	1	150	150
	CASO 8	8	0	2	822	1644
	CASO 9	8	0	4	1200	4800
	CASO 10	12	51	182	96	18432
	CASO 11	12	51	182	96	18432
	CASO 12	13	0	6	821	4026
	CASO 13	16	0	6	821	4026
	CASO 14	16	0	1	155	155
	CASO 15	16	0	1	155	155
	CASO 16	17	0	1	135	135
VB3	CASO 17	18	0	2	822	1644
	CASO 18	19	0	4	1200	4800
	CASO 19	20	0	2	889	1778
	CASO 20	20	0	2	889	1778
	CASO 21	22	0	6	415	2490
	CASO 22	22	0	6	415	2490
	CASO 23	25	0	100	96	16240
	CASO 24	25	0	100	96	16240
	CASO 25	26	0	8	815	4080
	CASO 26	27	0	8	815	4080
VB4	CASO 27	28	0	4	225	900
	CASO 28	28	0	4	225	900
	CASO 29	30	0	33	96	3168
	CASO 30	30	0	33	96	3168
	CASO 31	32	0	2	336	672
	CASO 32	34	0	33	26	858
VB5	CASO 33	35	0	2	624	1248
	CASO 34	35	0	2	624	1248
	CASO 35	35	0	3	714	696
	CASO 36	35	0	3	714	696
VB7	CASO 37	37	0	4	785	3140
	CASO 38	38	0	2	462	924
	CASO 39	40	0	29	96	2784
VB8	CASO 40	41	0	4	714	696
	CASO 41	42	0	3	572	1144
	CASO 42	43	0	4	785	3140
	CASO 43	45	0	2	624	1248
	CASO 44	45	0	2	624	1248
VB10	CASO 45	46	0	2	624	1248
	CASO 46	47	0	33	96	3168
VB11	CASO 47	48	0	4	785	3140
	CASO 48	48	0	2	462	924
	CASO 49	50	0	29	96	2784
	CASO 50	50	0	29	96	2784
VB12	CASO 51	52	0	2	174	348
	CASO 52	52	0	2	174	348
	CASO 53	53	0	3	207	414
VB13	CASO 54	56	0	33	96	3168
	CASO 55	56	0	33	96	3168
	CASO 56	56	0	2	356	712
VB14	CASO 57	57	0	2	356	712
	CASO 58	58	0	2	1248	1248
	CASO 59	58	0	2	1248	1248
	CASO 60	58	0	2	154	308
	CASO 61	60	0	33	96	3168

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8,0	761,6	330,5
CA60	5,0	948,5	160,8
PESO TOTAL			
CA50		330,5	
CA60		160,8	

Vol. de concreto total (C-30) = 11.27 m³
Área de forma total = 189.1 m²