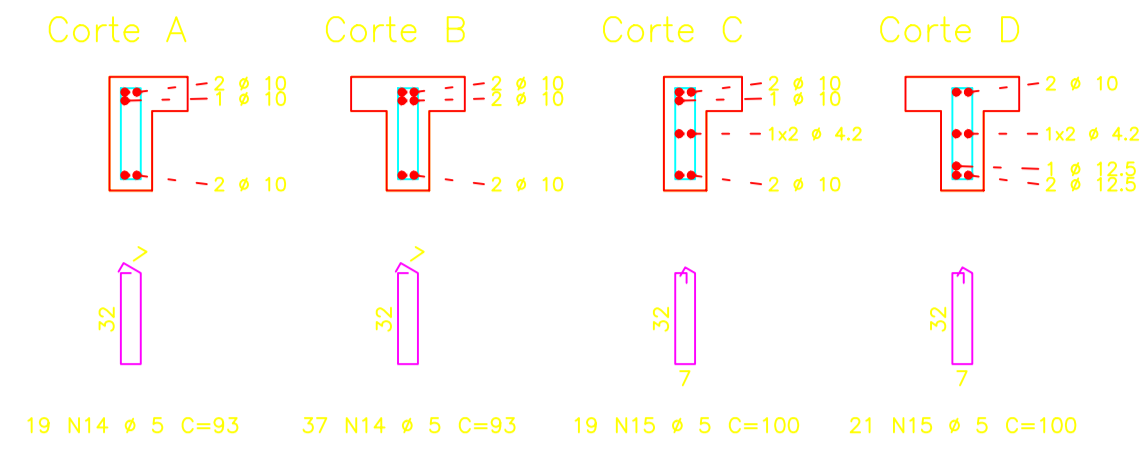
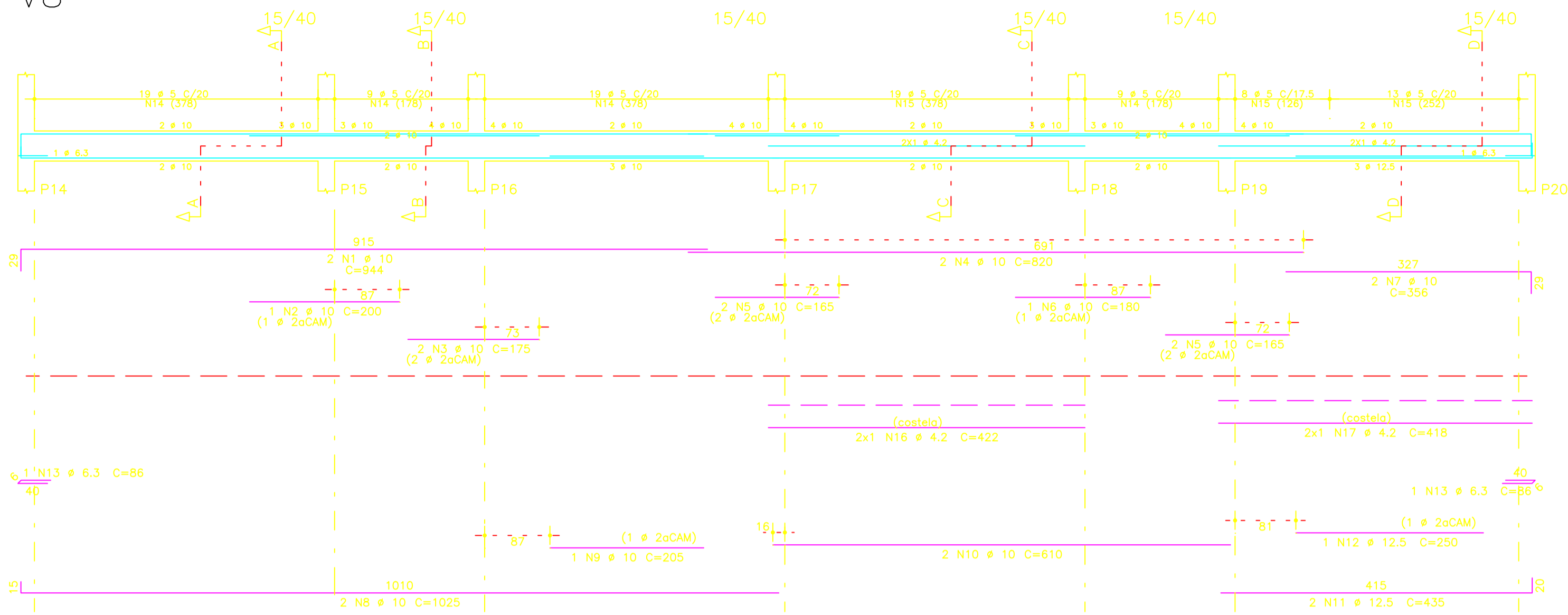
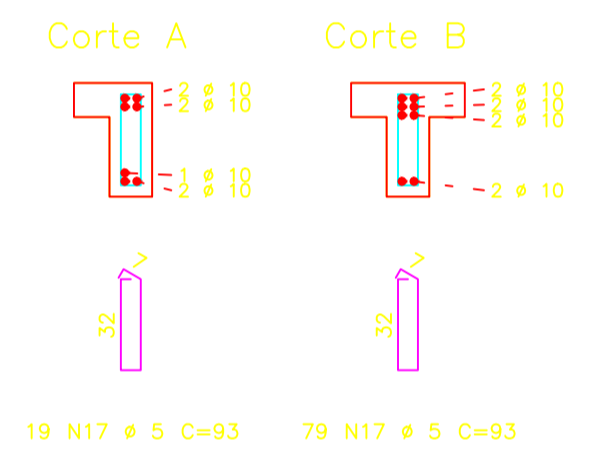
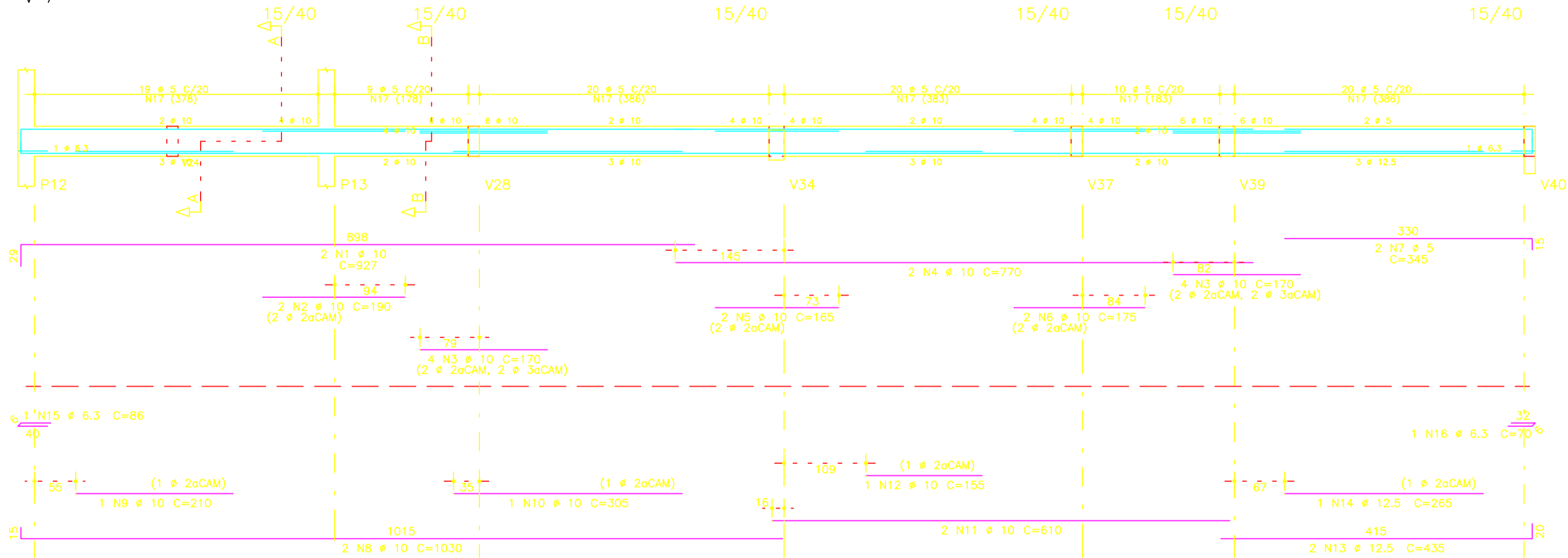


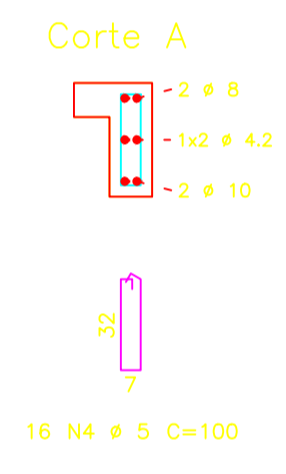
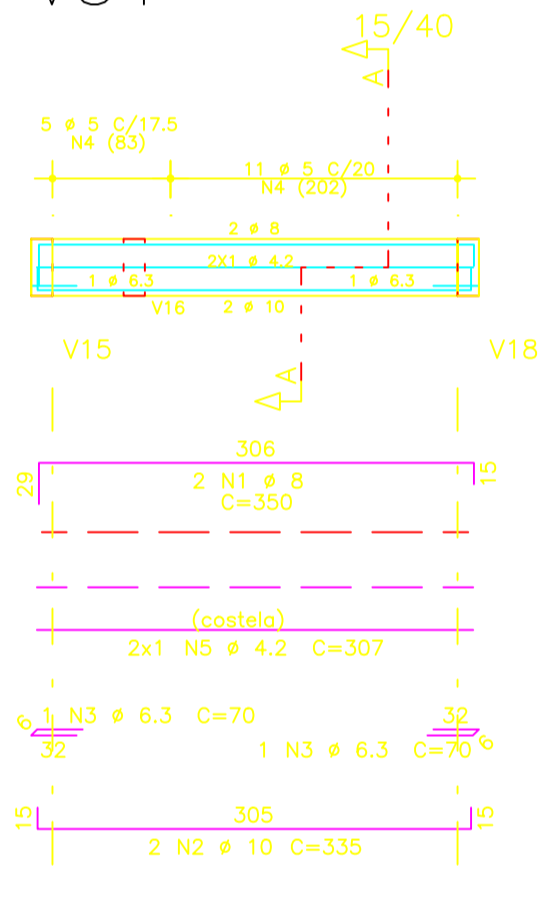
V8



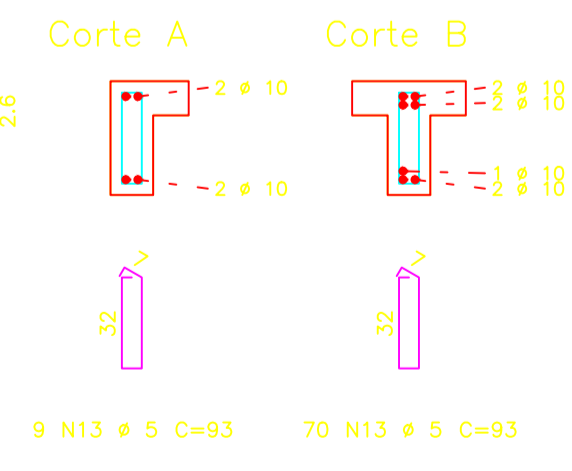
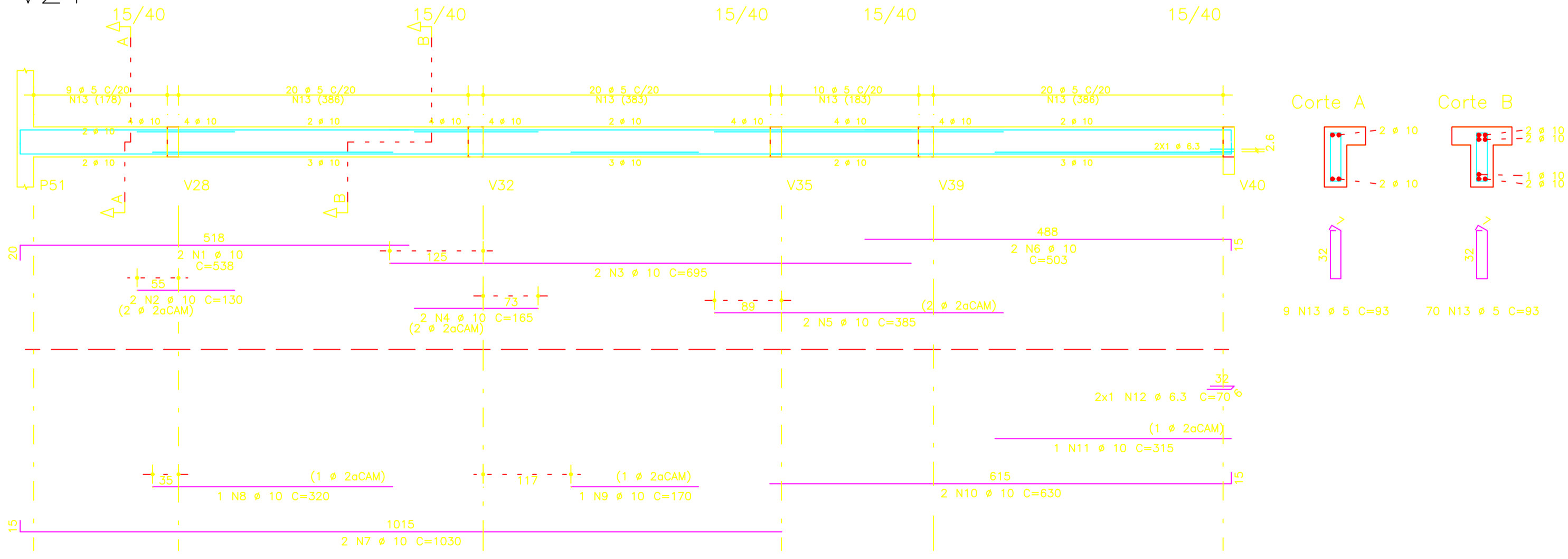
V7



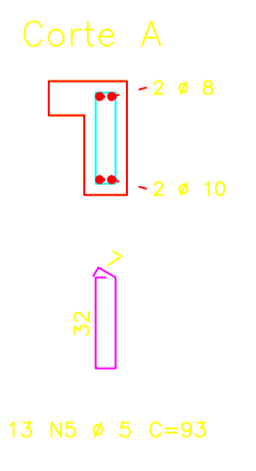
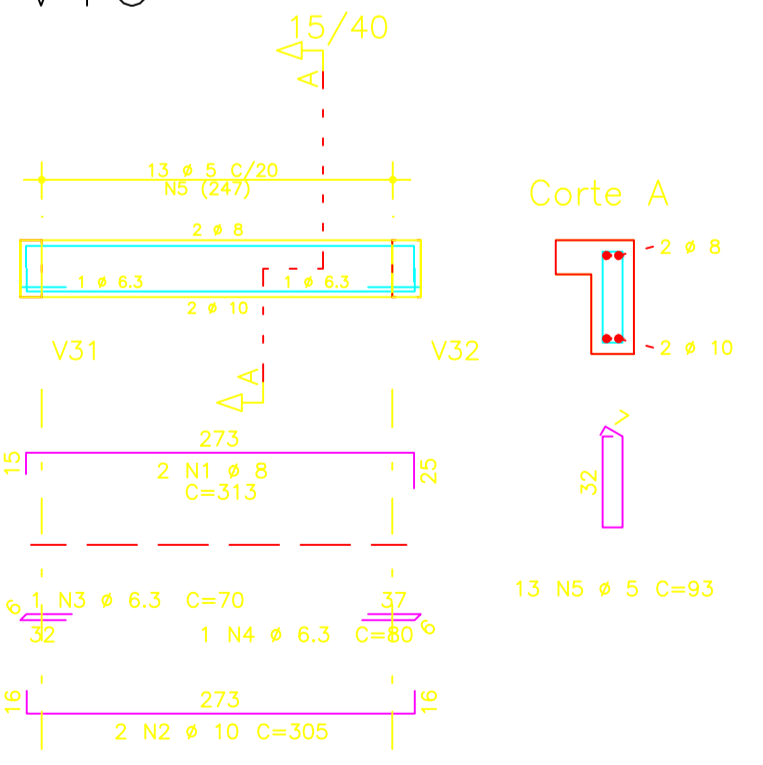
V31



V21



V16



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
50A	1	10	2	927	1854
50A	2	10	2	190	380
50A	3	10	2	170	340
50A	4	10	2	770	1540
50A	5	10	2	165	330
50A	6	10	2	175	350
60B	7	5	2	345	690
50A	8	10	2	1030	2060
50A	9	10	2	210	420
50A	10	10	1	305	305
50A	11	10	2	610	1220
50A	12	10	1	155	155
50A	13	12.5	2	435	870
50A	14	12.5	1	265	265
50A	15	6.3	1	86	86
50A	16	6.3	1	70	70
60B	17	5	98	93	9114

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
50A	1	10	2	944	1888
50A	2	10	2	200	200
50A	3	10	2	175	350
50A	4	10	2	820	1640
50A	5	10	4	165	660
50A	6	10	1	180	180
50A	7	10	3	356	712
50A	8	10	2	1025	2050
50A	9	10	1	205	205
50A	10	10	2	610	1220
50A	11	12.5	2	435	870
50A	12	12.5	1	250	250
50A	13	6.3	2	86	172
60B	14	5	56	93	5208
60B	15	5	40	100	4000
60B	16	4.2	2	422	844
60B	17	4.2	2	418	836

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
50A	1	8	2	313	626
50A	2	10	2	305	610
50A	3	6.3	1	70	70
50A	4	6.3	1	80	80
60B	5	5	13	93	1209

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
50A	1	10	2	538	1076
50A	2	10	2	130	260
50A	3	10	2	695	1390
50A	4	10	2	165	330
50A	5	10	2	385	770
50A	6	10	2	503	1006
50A	7	10	2	1030	2060
50A	8	10	1	320	320
50A	9	10	1	170	170
50A	10	10	2	630	1260
50A	11	10	1	315	315
50A	12	6.3	2	70	140
60B	13	5	79	93	7347

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
50A	1	8	2	350	700
50A	2	10	2	335	670
50A	3	6.3	2	70	140
60B	4	5	16	100	1600
60B	5	4.2	2	307	614

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	4.2	23	3
60B	5	292	45
50A	6.3	8	2
50A	8	13	5
50A	10	291	180
50A	12.5	23	22
Peso Total 60B =			47 kg
Peso Total 50A =			208 kg

01 18/07/15	MEGANDA DE LAYOUT	ARNALDO C.
02 18/06/15	EMBRASO RICAL	ARNALDO C.
Rev.	Data	Descrição
Nome Empresa:		Empresa Contratada:
ATIVA MANUTENÇÃO E CONSTRUÇÃO LTDA		Ativa
Responsável Empresa:		Responsável:
ARNALDO CALAZANS DOS SANTOS - CREA-RJ 46.531/D		ARNALDO CALAZANS
Objeto:		Objeto:
CONSTRUÇÃO DA 1ª POLICLÍNICA DO CORPO DE BOMBEIROS		PE32
Título:		72
1ª POLICLÍNICA DO CORPO DE BOMBEIROS		RIO
Armação das Vigas - Pav1, V7 / V8 / V16 / V21 / V31		PREFEITURA
Disciplina:		Disciplina:
ESTRUTURA		PROJETO EXECUTIVO
Endereço:		Endereço:
RUA DOMINGOS LOPES, 336		RUA DOMINGOS LOPES, 336
Bairro:	R.A.:	A.P.:
CAMPINHO	XV	3.3
Data:	Escala:	
05/2015	1/50	
Autor do Projeto:	Gerente/Fiscal:	N. Solicita:
ARNALDO CALAZANS	VAGNER PEREIRA BASTOS	12148
Desenho:	Desenho:	
ARNALDO CALAZANS	ARNALDO CALAZANS	
Coordenador:	Diretor:	Diretor Presidente:
SIGLA DA DIRETORIA	SIGLA DA DIRETORIA	ARMANDO JOSÉ QUEIROGA JUNIOR
MARIA FERNANDA CEBRIAN	GUILHERME P. ALONSO	