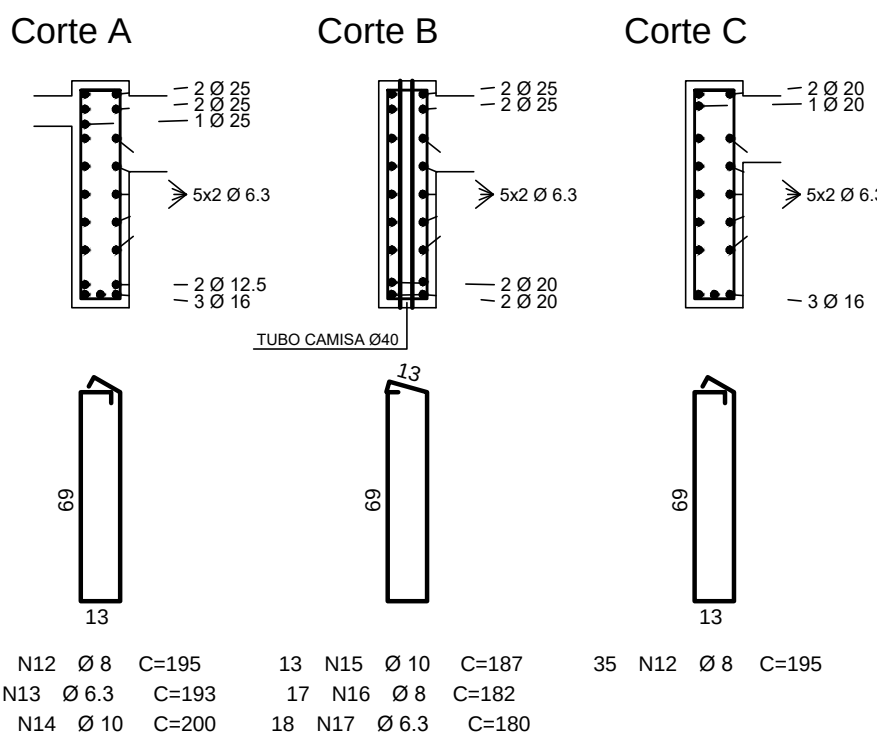
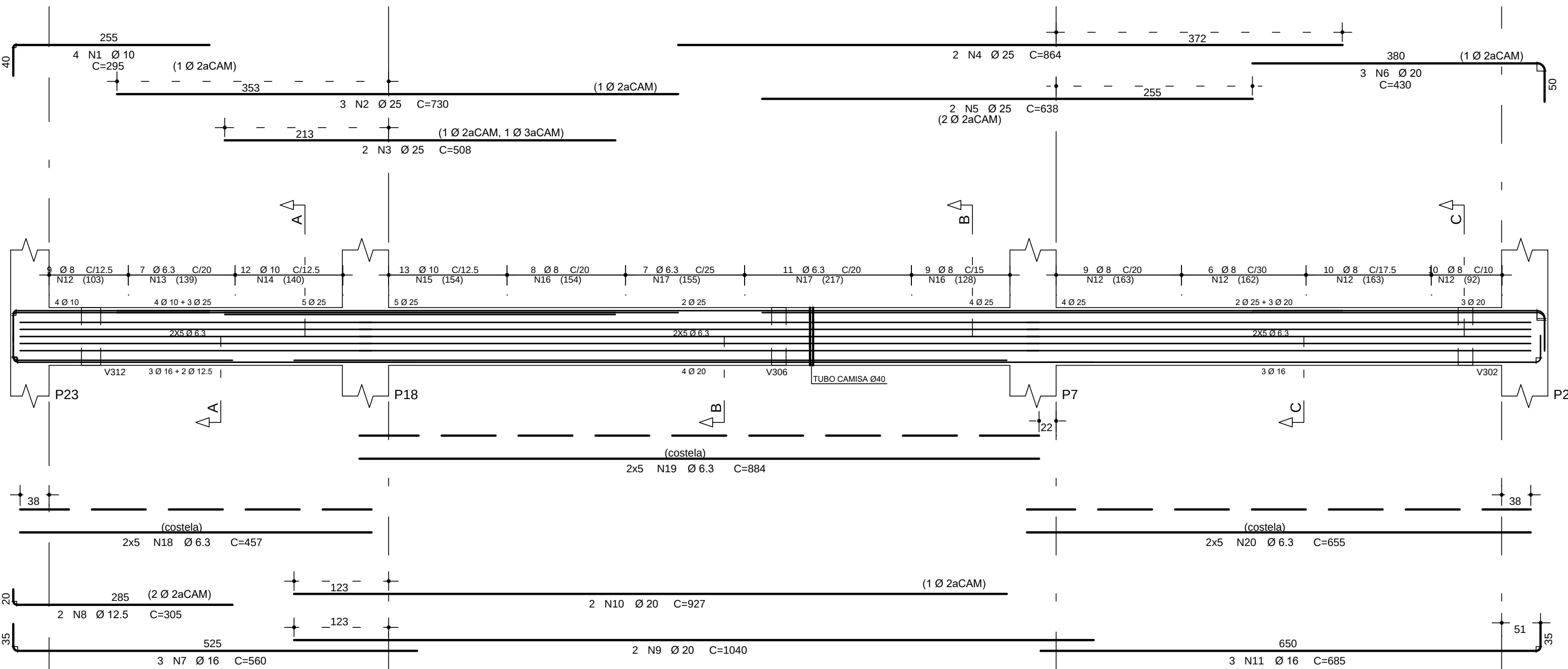
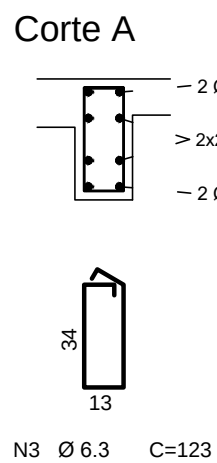
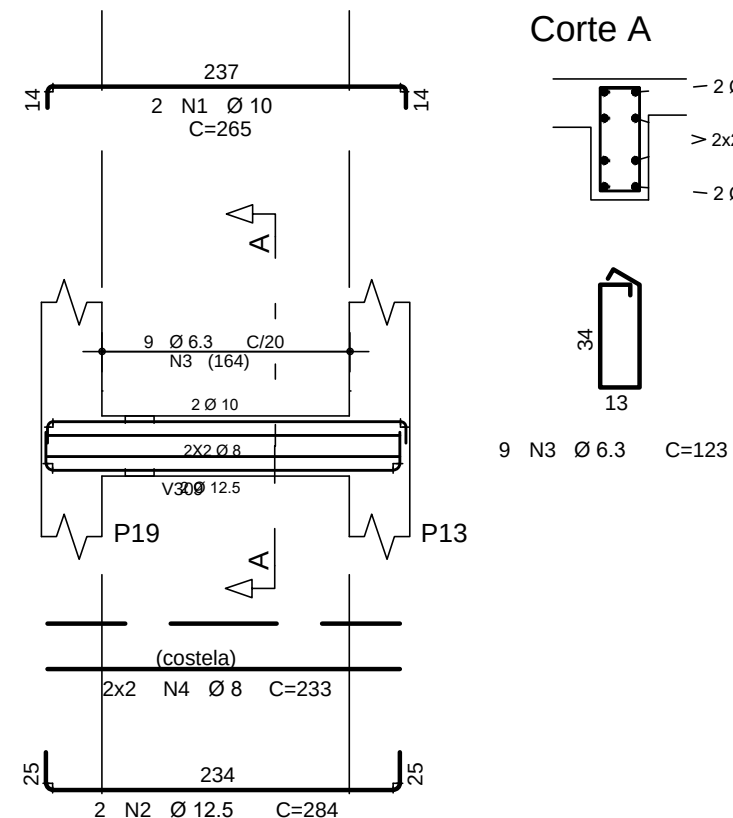


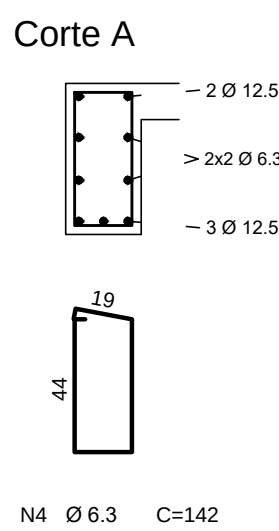
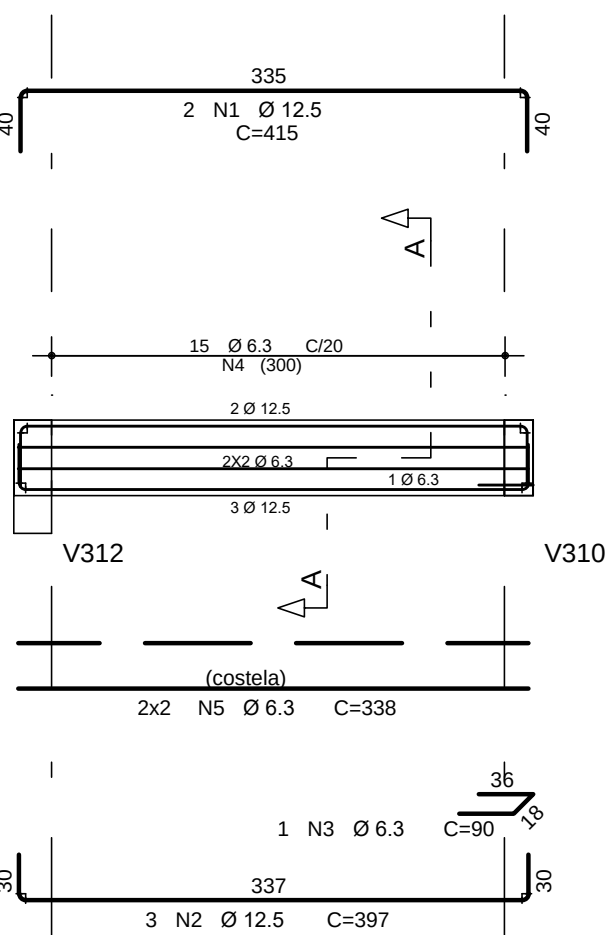
V316 19/75



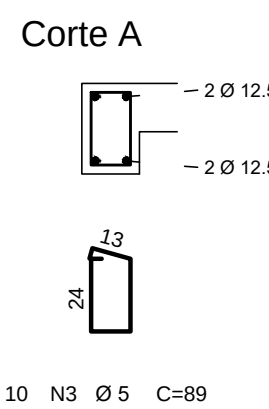
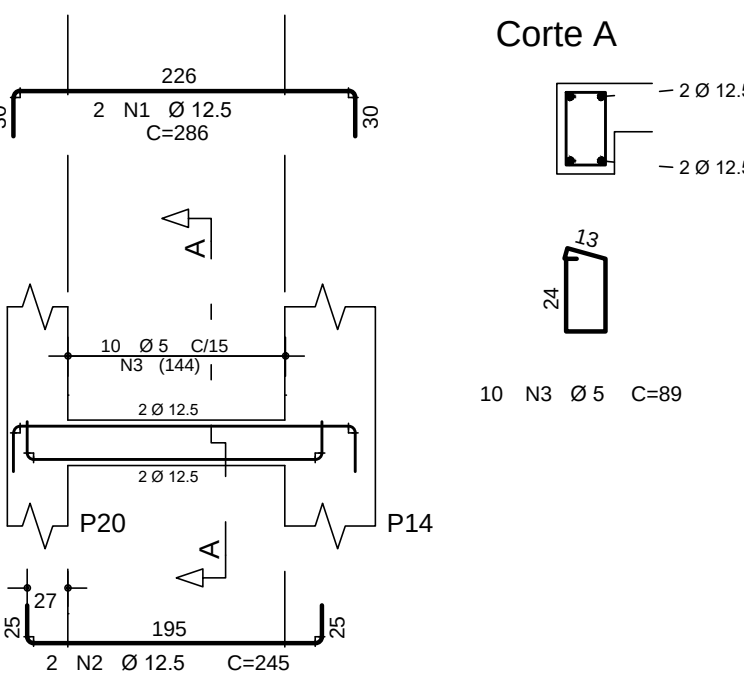
V317 19/40



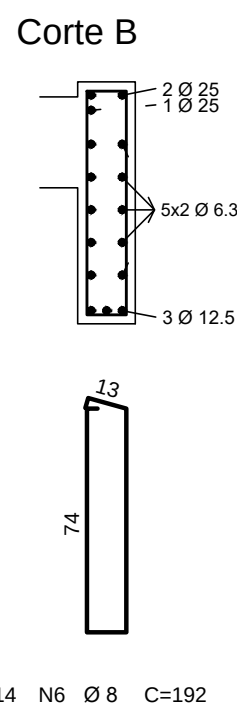
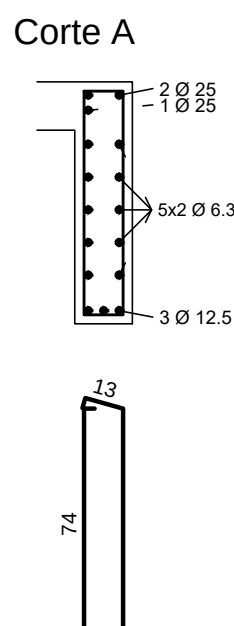
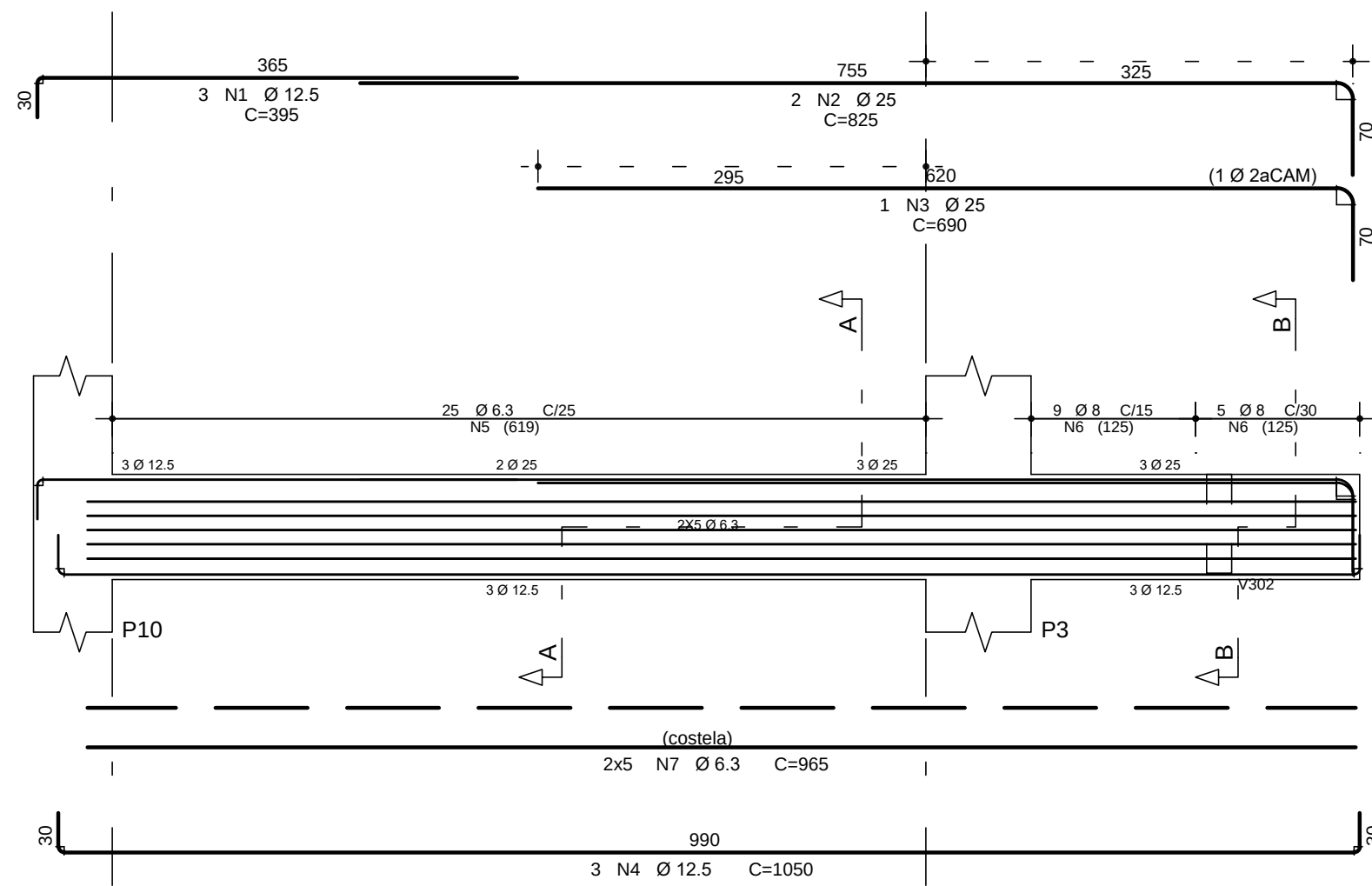
V318 25/50



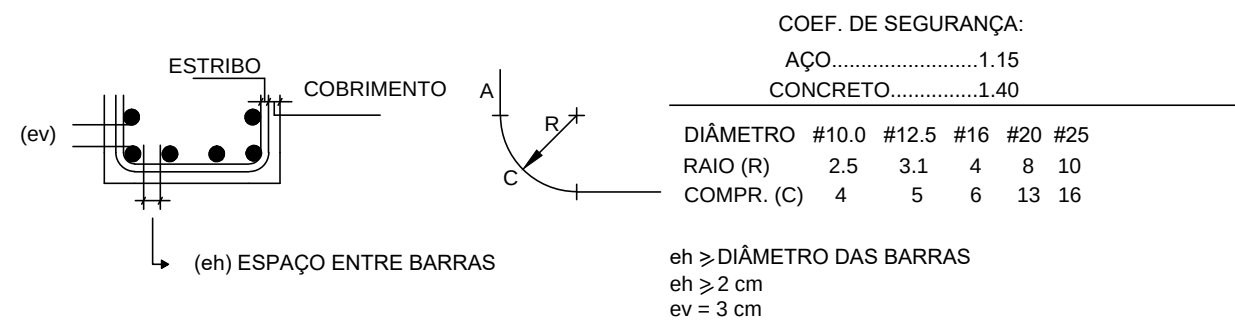
V319 19/30



V320 19/80



DOBRAS E DIST. ENTRE BARRAS



ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
V316	50A	1	10	4	295
V316	50A	2	25	3	730
V316	50A	3	25	2	508
V316	50A	4	25	2	864
V316	50A	5	25	2	638
V316	50A	6	20	3	430
V316	50A	7	16	3	560
V316	50A	8	12.5	2	305
V316	50A	9	20	2	1040
V316	50A	10	20	2	927
V316	50A	11	16	3	685
V316	50A	12	8	44	195
V316	50A	13	6.3	7	193
V316	50A	14	10	12	200
V316	50A	15	10	13	187
V316	50A	16	8	17	182
V316	50A	17	6.3	18	180
V316	50A	18	6.3	10	457
V316	50A	19	6.3	10	884
V316	50A	20	6.3	10	655
V317	50A	1	10	2	265
V317	50A	2	12.5	2	284
V317	50A	3	6.3	9	123
V317	50A	4	8	4	233
V318	50A	1	12.5	2	415
V318	50A	2	12.5	3	397
V318	50A	3	6.3	1	90
V318	50A	4	6.3	15	142
V318	50A	5	6.3	4	338
V319	50A	1	12.5	2	286
V319	50A	2	12.5	2	245
V319	60B	3	5	10	89
V320	50A	1	12.5	3	395
V320	50A	2	25	2	825
V320	50A	3	25	1	690
V320	50A	4	12.5	3	1050
V320	50A	5	6.3	25	190
V320	50A	6	8	14	192
V320	50A	7	6.3	10	965

RESUMO AÇO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	9	1
50A	6.3	436	107
50A	8	153	60
50A	10	65	40
50A	12.5	86	83
50A	16	37	59
50A	20	52	129
50A	25	86	329
Peso Total 60B =		1 kg	
Peso Total 50A =		808 kg	
Volume de Concreto =		5,00 m3	

EDIF 3

DIVISÃO DE PROJETOS DE EDIFICAÇÕES - AVENIDA SÃO JOÃO, 473 - 1ª ANDAR CEP 01035-000 - TEL: 3337-9955

DIRETORA: ENGª BEATRIZ LOMONACO F. GOMES

CONTRATADA: EXATA ENGENHARIA E COMÉRCIO LTDA.



R. RIACHUELO, 240 - CENTRO CAMPINAS / SP - CEP 13005-320 FONE/FAX: (19) 3338-1034

AUTOR DO PROJETO: ENG. EDUARDO PRATA

SITE: WWW.EXATACAMPINAS.COM.BR EMAIL: CONTATO@EXATACAMPINAS.COM.BR

PMSP - SIURB - EDIF

PREFEITURA DE SÃO PAULO - SECRETARIA DE INFRA-ESTRUTURA URBANA E OBRAS - DEPARTAMENTO DE EDIFICAÇÕES

CEI PADRÃO EDIF 2019 10S (NORMAL)

VÁRIOS - SP

PROJETO ESTRUTURAL - CONCRETO ARMADO SUPRAESTRUTURA

DET. ARMAÇÃO DAS VIGAS - V300

CD. DO MOVL: 023.5.19

ESCALA: 1:50

S - 13/32