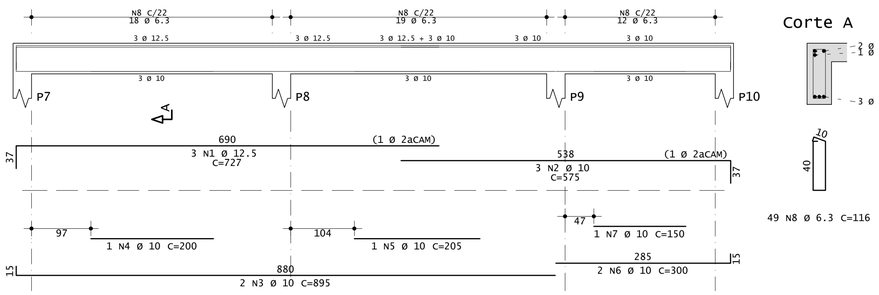
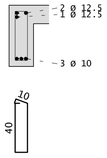
V4

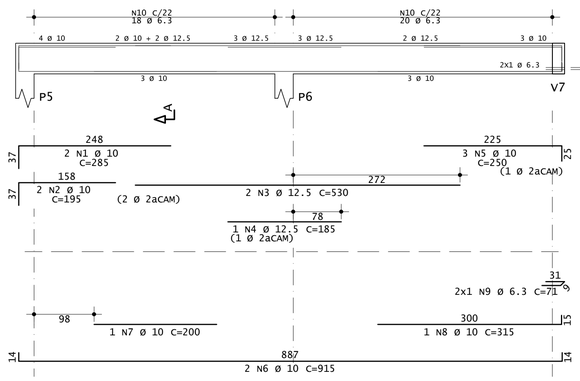


Corte A

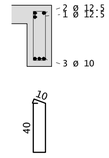


49 N8 Ø 6.3 C=116

V3

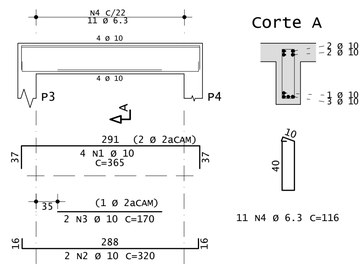


Corte A



38 N10 Ø 6.3 C=116

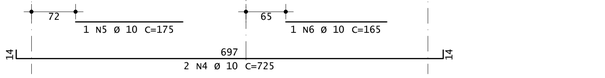
V2



Corte A

11 N4 Ø 6.3 C=116

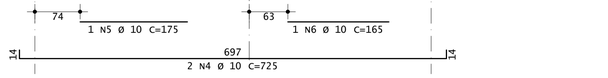
V8



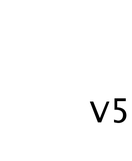
Corte A

29 N7 Ø 6.3 C=116

V10

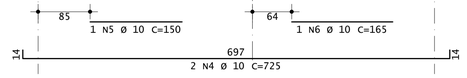


Corte A



29 N7 Ø 6.3 C=116

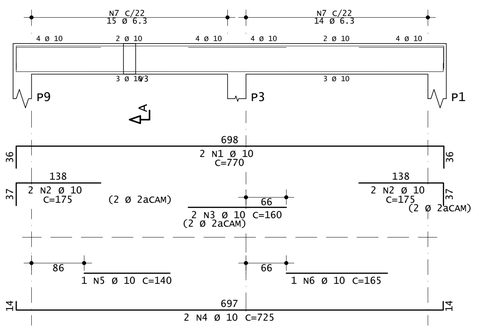
V9



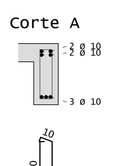
Corte A

29 N7 Ø 6.3 C=116

V7

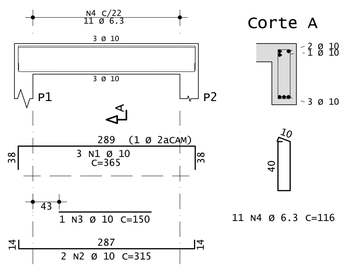


Corte A



29 N7 Ø 6.3 C=116

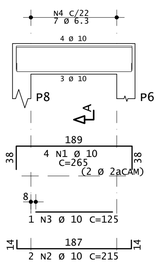
V1



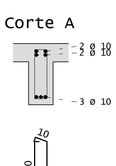
Corte A

11 N4 Ø 6.3 C=116

V6

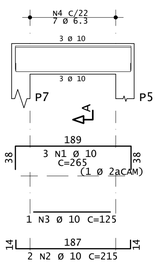


Corte A

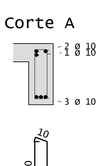


7 N4 Ø 6.3 C=116

V5



Corte A



7 N4 Ø 6.3 C=116

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V1					
50A	1	10	3	365	1095
50A	2	10	2	315	630
50A	3	10	1	150	150
50A	4	6.3	11	116	1276
V2					
50A	1	10	4	365	1460
50A	2	10	2	320	640
50A	3	10	2	170	340
50A	4	6.3	11	116	1276
V3					
50A	1	10	2	285	570
50A	2	10	2	195	390
50A	3	12.5	2	530	1060
50A	4	12.5	1	185	185
50A	5	10	3	250	750
50A	6	10	2	915	1830
50A	7	10	1	200	200
50A	8	10	1	315	315
50A	9	6.3	2	71	142
50A	10	6.3	38	116	4408
V4					
50A	1	12.5	3	727	2181
50A	2	10	3	575	1725
50A	3	10	2	895	1790
50A	4	10	1	200	200
50A	5	10	1	205	205
50A	6	10	2	300	600
50A	7	10	1	150	150
50A	8	6.3	49	116	5684
V5					
50A	1	10	3	265	795
50A	2	10	2	215	430
50A	3	10	1	125	125
50A	4	6.3	7	116	812
V6					
50A	1	10	4	265	1060
50A	2	10	2	215	430
50A	3	10	1	125	125
50A	4	6.3	7	116	812
V7					
50A	1	10	2	770	1540
50A	2	10	4	175	700
50A	3	10	2	160	320
50A	4	10	2	725	1450
50A	5	10	1	140	140
50A	6	10	1	165	165
50A	7	6.3	29	116	3364
V8					
50A	1	10	2	770	1540
50A	2	10	4	175	700
50A	3	10	2	160	320
50A	4	10	2	725	1450
50A	5	10	1	175	175
50A	6	10	1	165	165
50A	7	6.3	29	116	3364
V9					
50A	1	10	2	770	1540
50A	2	10	4	175	700
50A	3	10	2	160	320
50A	4	10	2	725	1450
50A	5	10	1	150	150
50A	6	10	1	165	165
50A	7	6.3	29	116	3364
V10					
50A	1	10	2	770	1540
50A	2	10	4	175	700
50A	3	10	2	160	320
50A	4	10	2	725	1450
50A	5	10	1	175	175
50A	6	10	1	165	165
50A	7	6.3	29	116	3364

RESUMO AÇO CA 50-60

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
50A	6.3	279	68
50A	10	333	206
50A	12.5	34	33
Peso Total	50A =		307 kg

RESUMO DE FORMA E CONCRETO

ESTRUTURA	FORMA (m²)	CONCRETO (m³)
Vigas	40.00	3.90
TOTAL	40.00	3.90

A D - EMPREENDIMENTOS, PROJETOS E CONSTRUÇÃO LTDA

CLIENTE
COMPANHIA DE PORTOS E HIDROVIAS - CPH

OBRA
TERMINAL HIDROVIÁRIO DE CHAVES

RESP. TÉCNICO
ENGº CLEMENTINO FILHO - CREA 5571-D/PA
ENGº CLEMENTINO NETTO - CREA 1515122280

DES. Nº
011

TITULO
Plataforma de acesso em concreto
Armadura do vigamento
V1 / V2 / V3 / V4 / V5
V6 / V7 / V8 / V9 / V10

REV. Nº
00

DATA	ESCALA	DESENHO	CONCRETO
19/06/2020	1:50	CHAVES-PLAT-011-R00	fck=40MPa