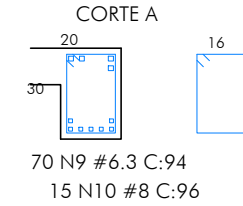
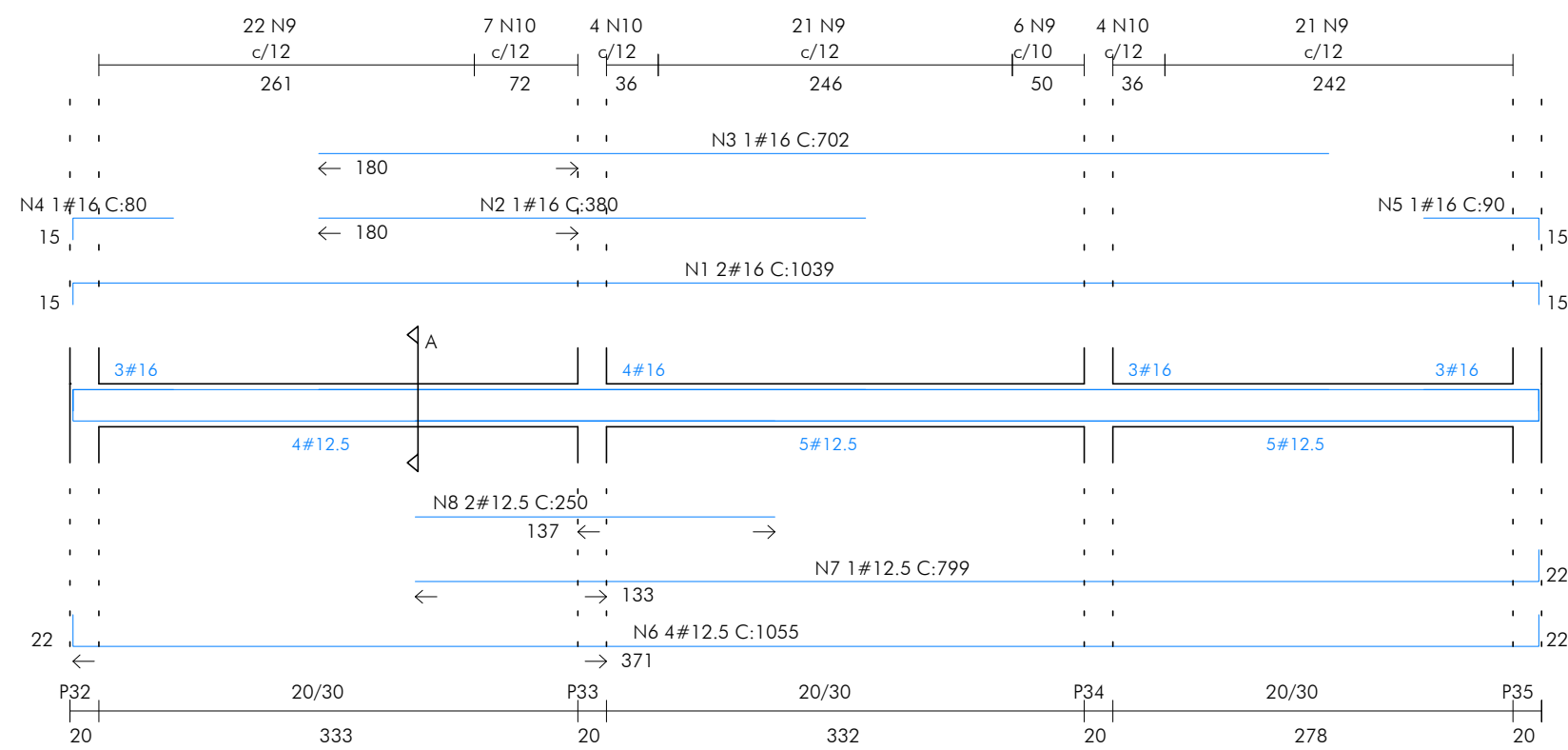


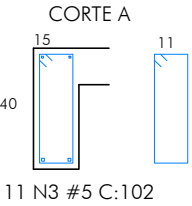
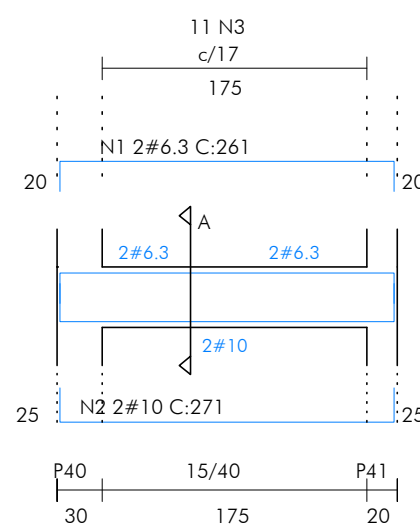
VIGAS DO PALCO
VP1 A VP8
ESCALA 1:50

VP1 (20X30)



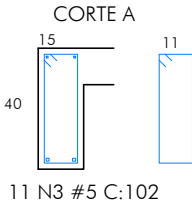
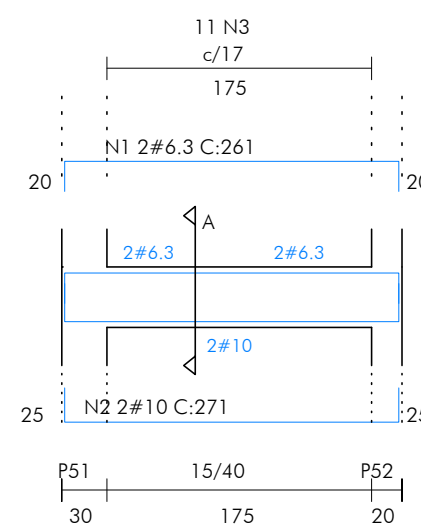
N	Ø	Q	UNI	TOTAL
1	16	2	1039	2078
2	16	1	380	380
3	16	1	702	702
4	16	1	80	80
5	16	1	90	90
6	12.5	4	1055	4220
7	12.5	1	799	799
8	12.5	2	250	500
9	6.3	70	94	6580
10	8	15	96	1440

VP2 (15X40)



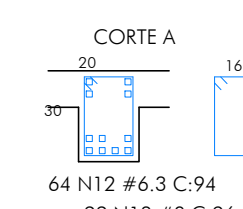
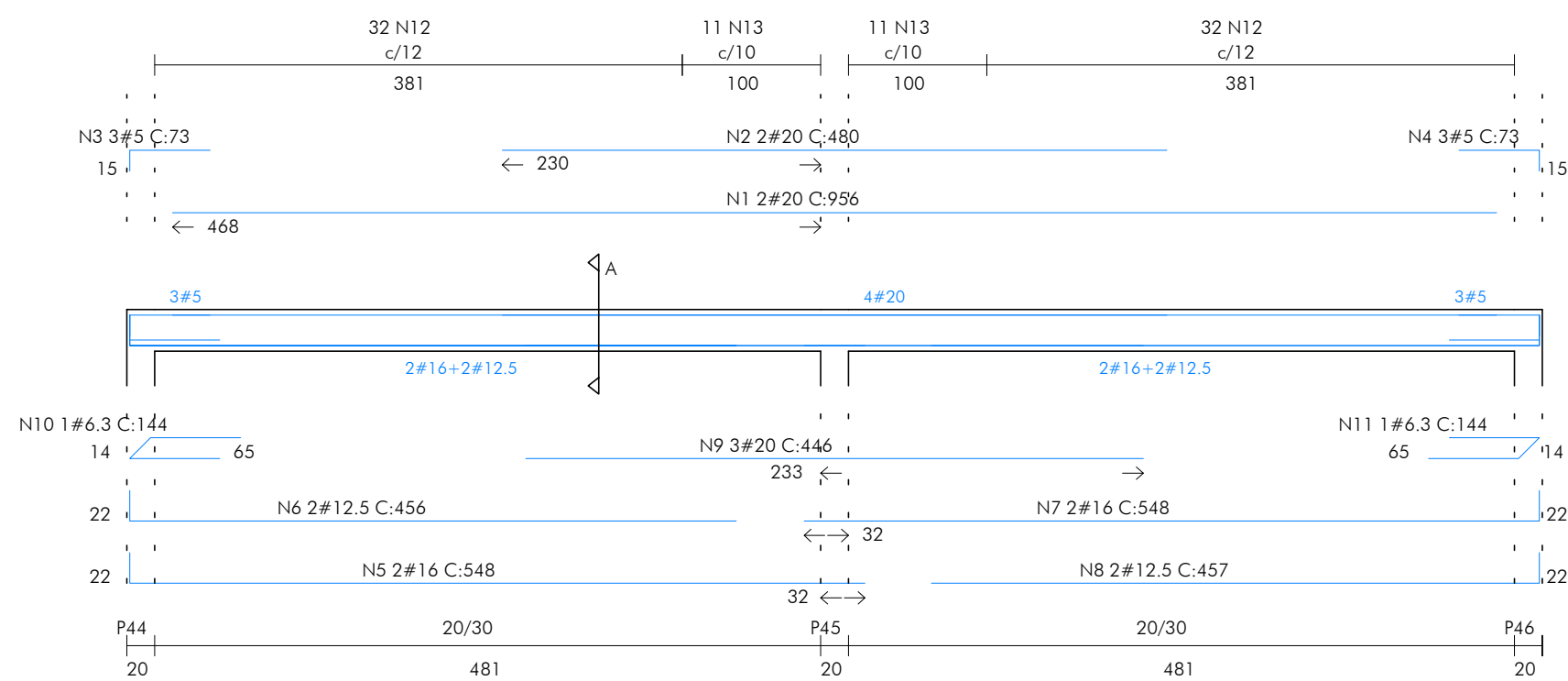
N	Ø	Q	UNI	TOTAL
1	6.3	2	261	522
2	10	2	271	542
3	5	11	102	1122

VP4 (15X40)



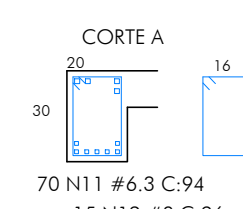
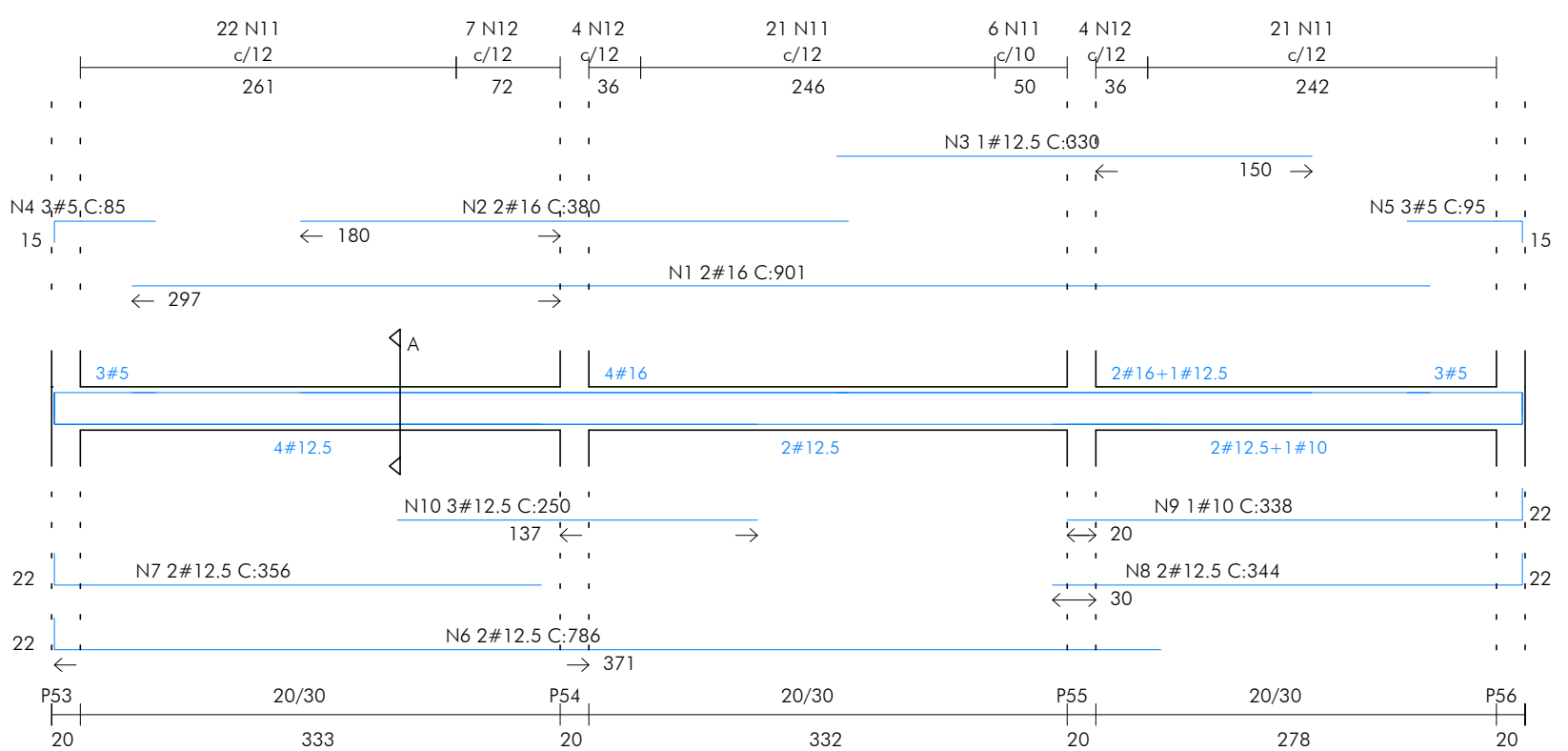
N	Ø	Q	UNI	TOTAL
1	6.3	2	261	522
2	10	2	271	542
3	5	11	102	1122

VP3 (20X30)



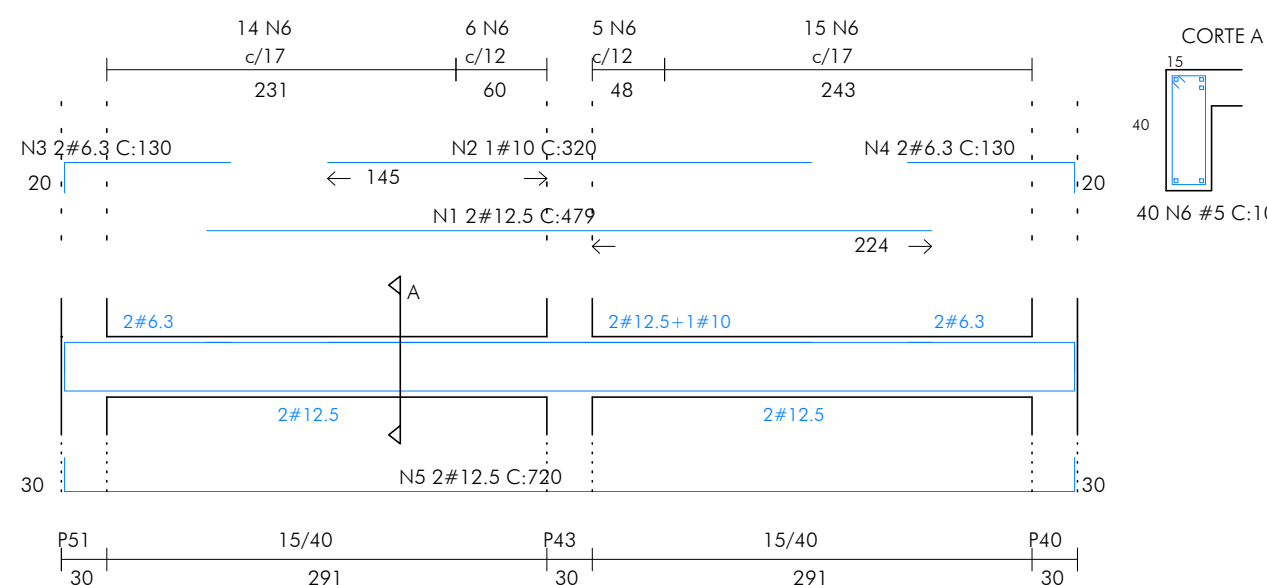
N	Ø	Q	UNI	TOTAL
1	20	2	956	1912
2	20	2	480	960
3	5	3	73	219
4	5	3	73	219
5	16	2	548	1096
6	12.5	2	456	912
7	16	2	548	1096
8	12.5	2	457	914
9	20	3	446	1338
10	6.3	1	144	144
11	6.3	1	144	144
12	6.3	64	94	6016
13	8	22	96	2112

VP5 (20X30)

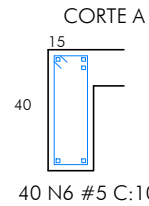


N	Ø	Q	UNI	TOTAL
1	16	2	901	1802
2	16	2	380	760
3	12.5	1	330	330
4	5	3	85	255
5	5	3	95	285
6	12.5	2	786	1572
7	12.5	2	356	712
8	12.5	2	344	688
9	10	1	338	338
10	12.5	3	250	750
11	6.3	70	94	6580
12	8	15	96	1440

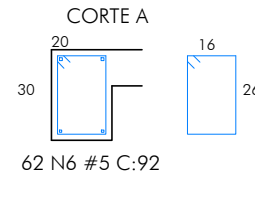
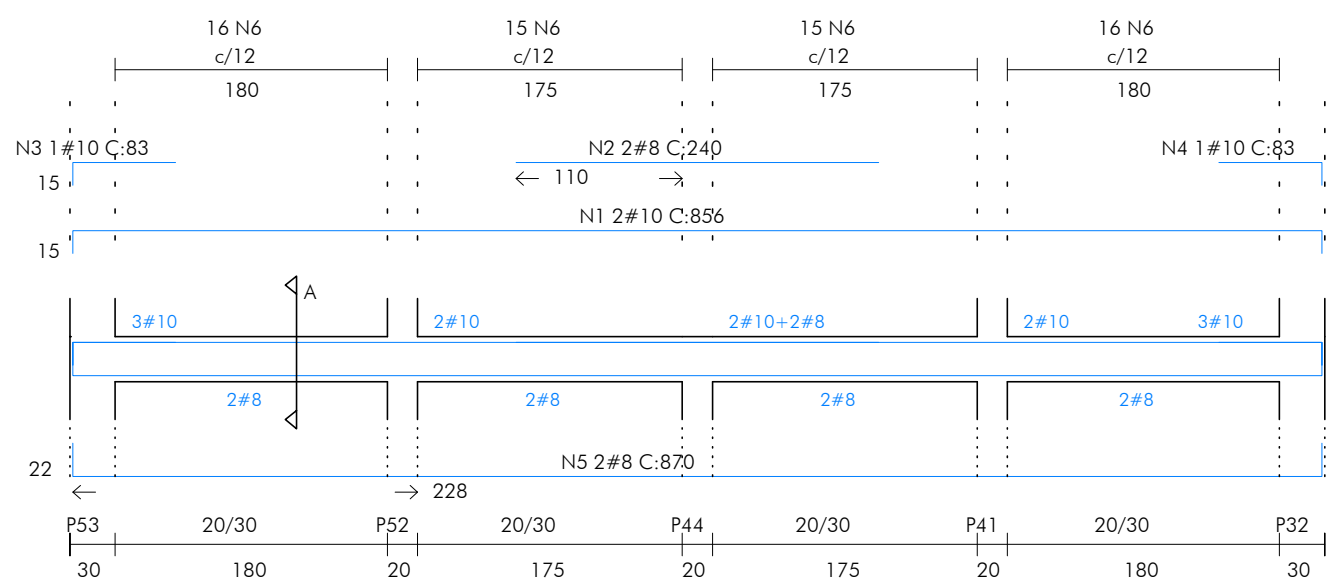
VP6 (15X40)



N	Ø	Q	UNI	TOTAL
1	12.5	2	479	958
2	10	1	320	320
3	6.3	2	130	260
4	6.3	2	130	260
5	12.5	2	720	1440
6	5	40	102	4080

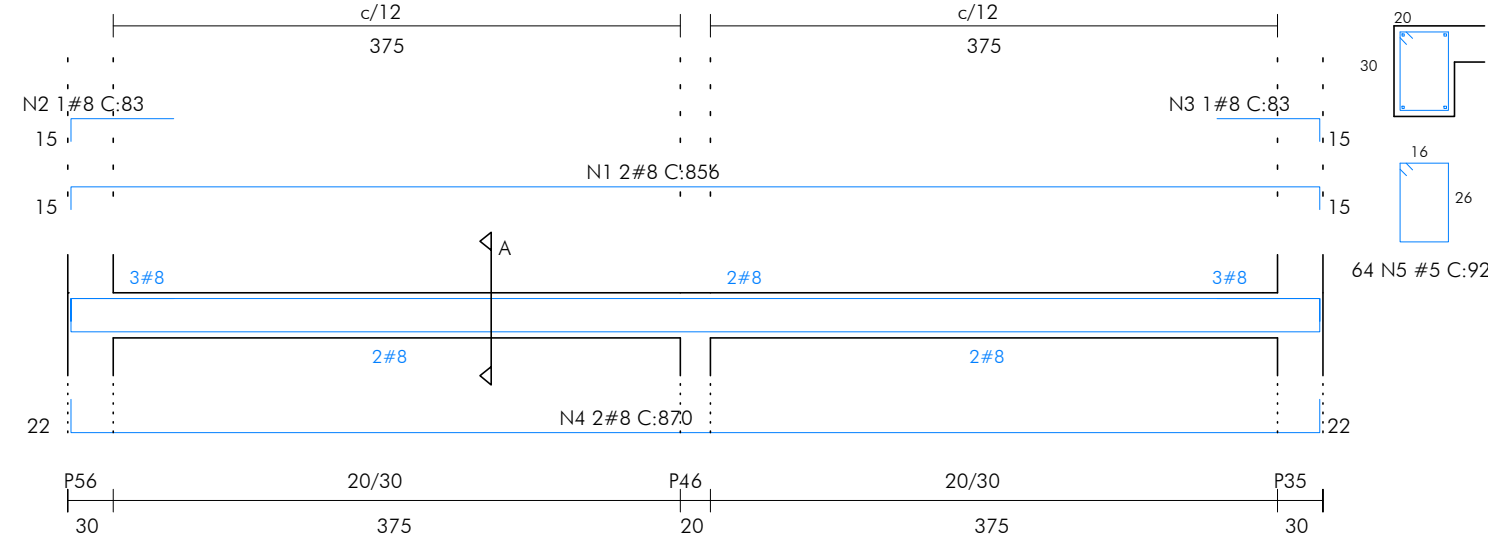


VP7 (20X30)

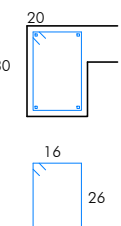


N	Ø	Q	UNI	TOTAL
1	10	2	856	1712
2	8	2	240	480
3	10	1	83	83
4	8	2	870	1740
5	5	62	92	5704

VP8 (20X30)



N	Ø	Q	UNI	TOTAL
1	8	2	856	1712
2	8	1	83	83
3	8	1	83	83
4	8	2	870	1740
5	5	64	92	5888



QUADRO REVISÕES:

REVISÃO	REFERÊNCIA	DESCRIÇÃO	DATA	APROVAÇÃO
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

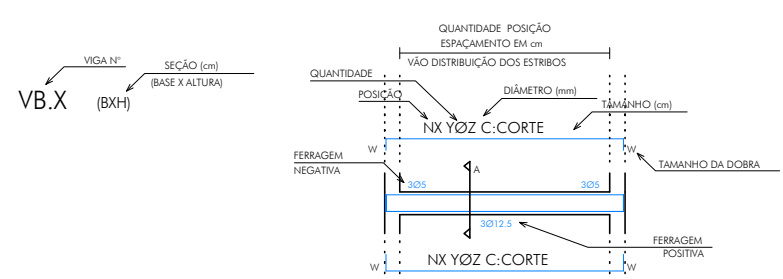
FERRAGENS:

VIGAS PALCO (VP)					RELA COM GANCHO		
ACO CA	L (mm)	PESO (Kg)	F=10% (Kg)		Ø(mm)	Lb(cm)	ACO CA50B Lbg(cm)
508	5.0	189	30	33	5.0	21.0	9 + (5)
508	6.3	210	51	56	6.3	28.1	11.5 + (5)
508	8.0	108	41	45	8.0	35.1	14.5 + (5)
508	10.0	36	24	26	10.0	42.1	18 + (5)
508	12.5	138	128	140	12.5	56.1	22.5 + (5)
508	16.0	81	119	131	16.0	70.1	29 + (5)
508	20.0	42	97	106	20.0	84.2	49 + (5)

ANCORAGEM:

OBSERVAÇÕES:

LEGENDA:



GINÁSIO POLIESPORTIVO - CENTRO DE EVENTOS
Prefeitura Municipal Santa Rita do Sapucaí
PROJETO E CÁLCULO ESTRUTURAL
ESTRUTURA DE CONCRETO ARMADO - SUPERESTRUTURA
VIGA DO PALCO - DETALHAMENTO E ARMAÇÃO
VP1 A VP8
CARLOS H. A. ROSSI
14202000000006148314 46.052/DI 51.236/MG EAN SRS-G/PRJ/PCE-17