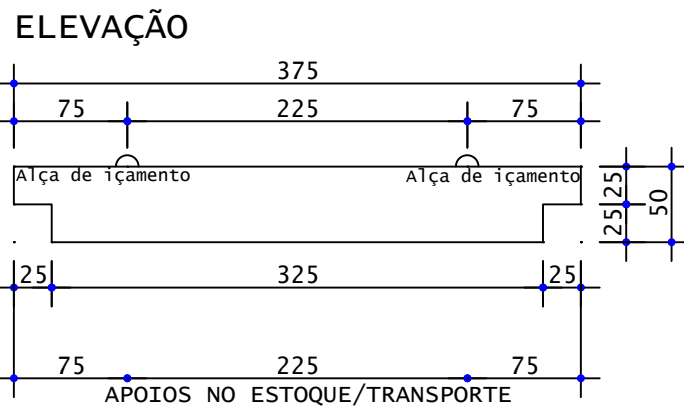
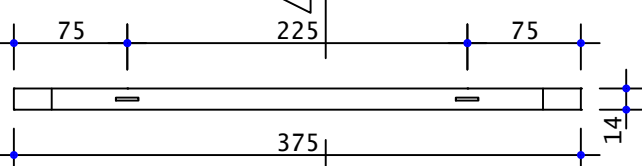


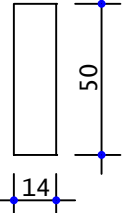
VP1



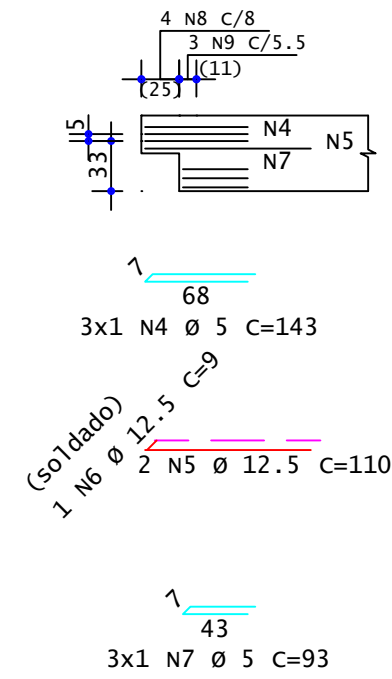
PLANTA



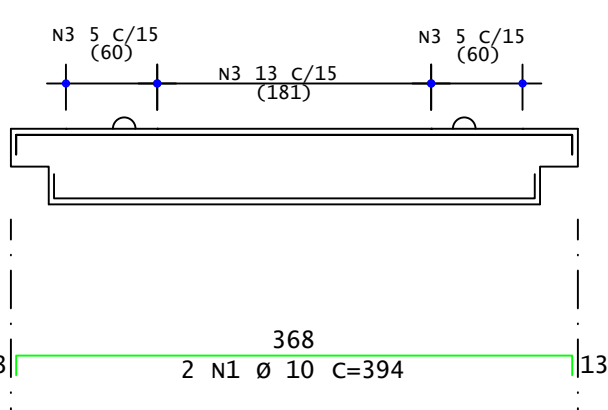
SEÇÃO



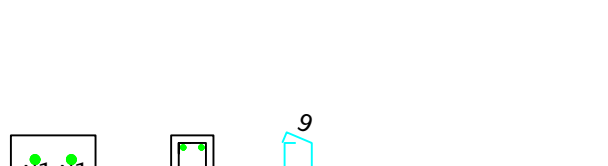
DETALHE INICIAL



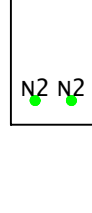
VP1



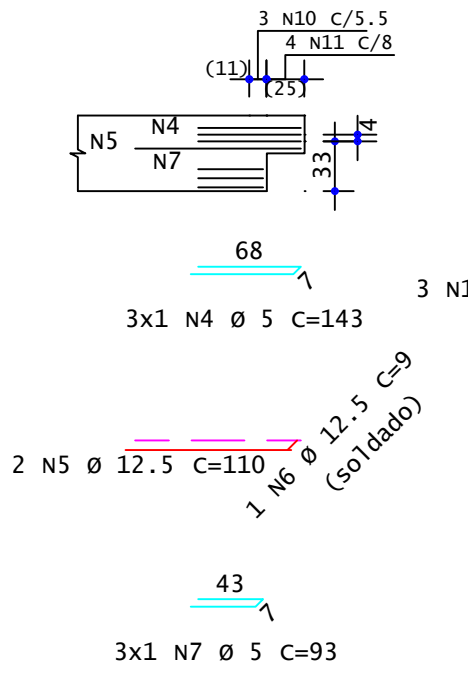
PLANTA



SEÇÃO



DETALHE FINAL

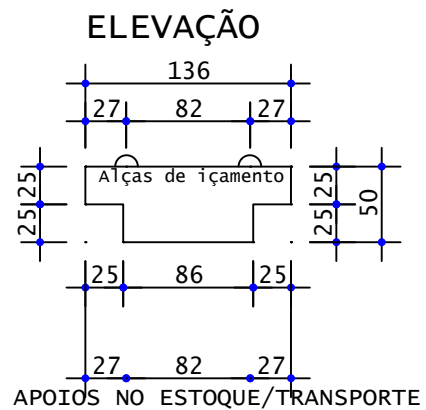


Pavimento	Quant	Volume unit (m³)	Volume total (m³)
CoBERTura(1x)	16	0.245	3.920
Segundo Lance(1x)	16	0.245	3.920
Primeiro Lance(1x)	12	0.245	2.940
Térreo(1x)	12	0.245	2.940
TOTAIS	56		13.720

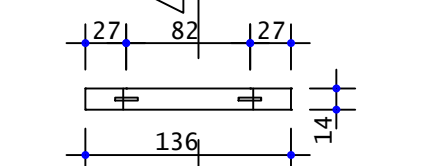
ACO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	
VP1						
50A	1	10	2	394	788	
50A	2	10	2	350	700	
60A	3	5	23	123	2829	
60A	4	5	6	143	858	
50A	5	12.5	4	110	440	
50A	6	12.5	2	9	18	
60A	7	5	6	93	558	
60A	8	5	4	73	292	
50A	9	12.5	3	138	414	
50A	10	12.5	3	138	414	
60A	11	5	4	73	292	

RESUMO DE AÇO				PESO
ACO	BIT	COMPR		
	mm	m		kgf
60A	48	5		7
50A	10	15		9
50A	12.5	13		12
Peso Total			60A =	7 kgf
Peso Total			50A =	22 kgf

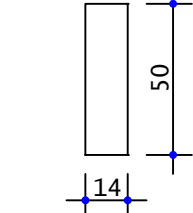
VP2



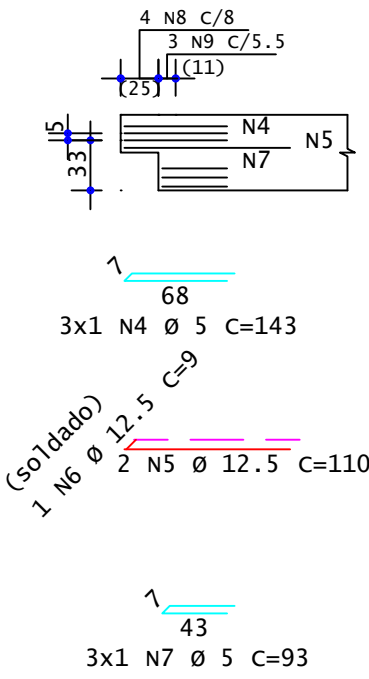
PLANTA



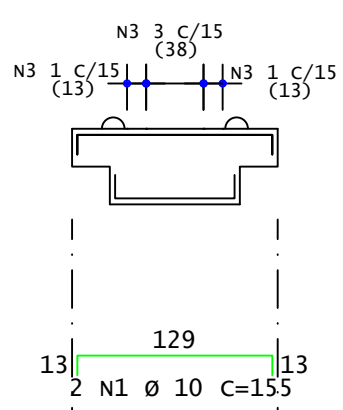
SEÇÃO



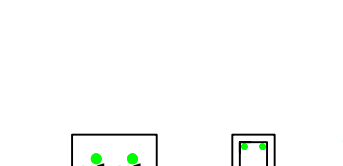
DETALHE INICIAL



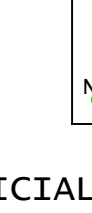
VP2



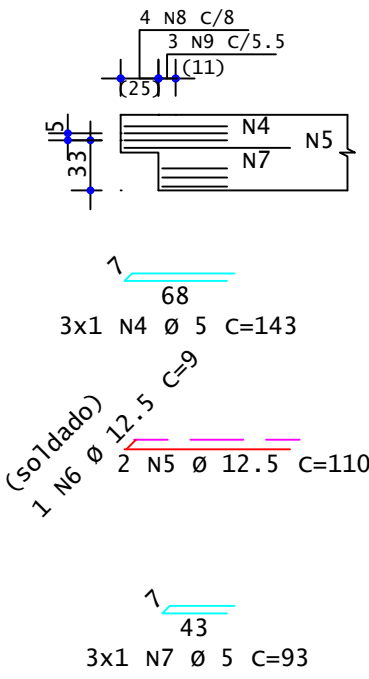
PLANTA



SEÇÃO



DETALHE FINAL

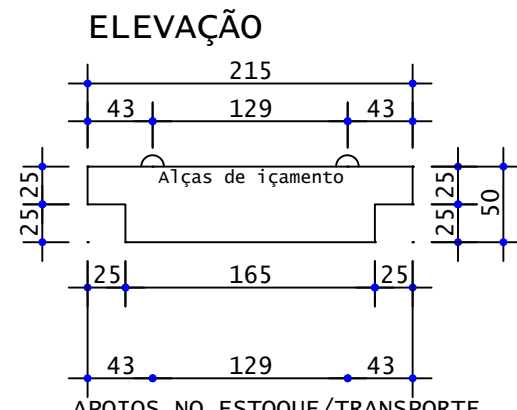


Pavimento	Quant	Volume unit (m³)	Volume total (m³)
Primeiro Lance(1x)	1	0.078	0.078
Térreo(1x)	1	0.078	0.078
TOTAIS	2		0.155

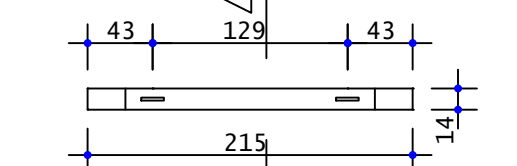
ACO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	
VP2						
50A	1	10	2	155	310	
50A	2	10	2	111	222	
60A	3	5	5	123	615	
60A	4	5	6	143	858	
50A	5	12.5	4	110	440	
50A	6	12.5	2	9	18	
60A	7	5	6	93	558	
60A	8	5	4	73	292	
50A	9	12.5	3	138	414	
50A	10	12.5	3	138	414	
60A	11	5	4	73	292	

RESUMO DE AÇO				PESO
ACO	BIT	COMPR		
	mm	m		kgf
60A	48	5		4
50A	10	26		3
50A	12.5	13		12
Peso Total			60A =	4 kgf
Peso Total			50A =	16 kgf

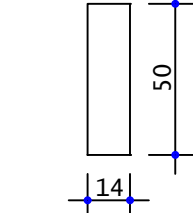
VP3



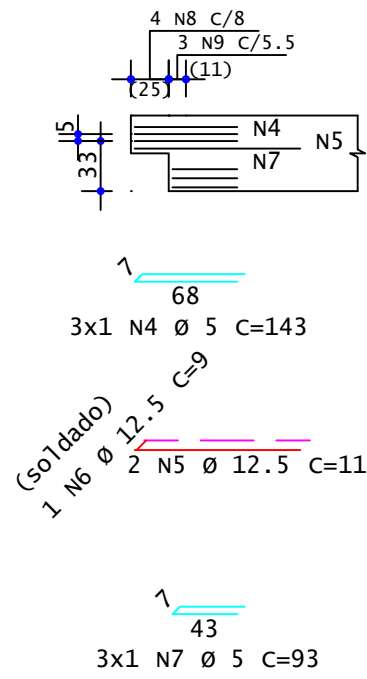
PLANTA



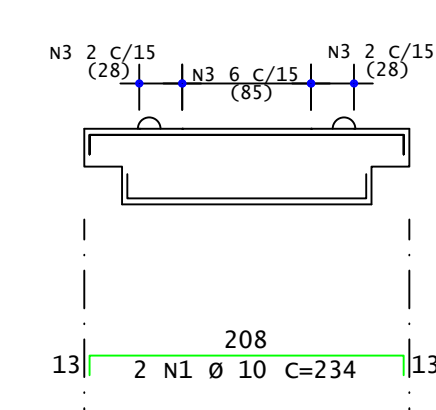
SEÇÃO



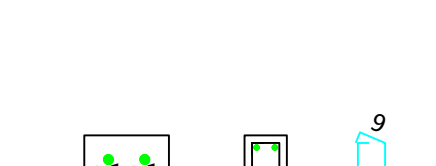
DETALHE INICIAL



VP3



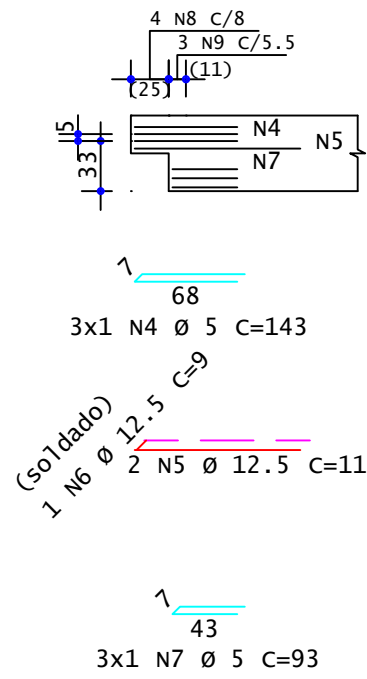
PLANTA



SEÇÃO



DETALHE FINAL

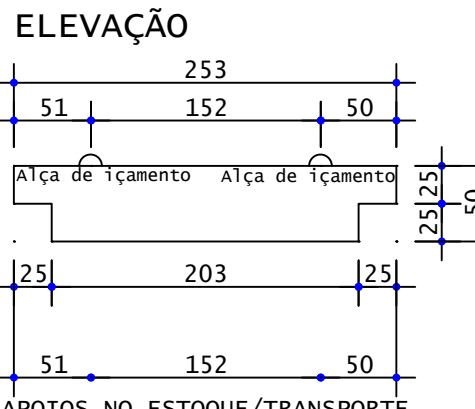


Pavimento	Quant	Volume unit (m³)	Volume total (m³)
Primeiro Lance(1x)	1	0.133	0.133
Térreo(1x)	1	0.133	0.133
TOTAIS	2		0.266

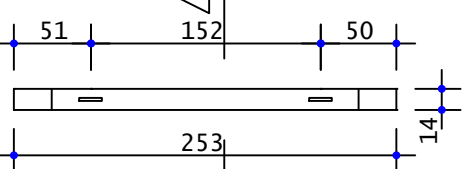
ACO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	
VP3 (X2)						
50A	1	10	4	234	936	
50A	2	10	4	190	760	
60A	3	5	20	123	2460	
60A	4	5	12	143	1716	
50A	5	12.5	8	110	880	
50A	6	12.5	4	9	36	
60A	7	5	12	93	1116	
60A	8	5	8	73	584	
50A	9	12.5	6	138	828	
50A	10	12.5	6	138	828	
60A	11	5	8	73	584	

RESUMO DE AÇO				PESO
ACO	BIT	COMPR		
	mm	m		kgf
60A	48	65		10
50A	10	17		10
50A	12.5	26		25
Peso Total			60A =	10 kgf
Peso Total			50A =	35 kgf

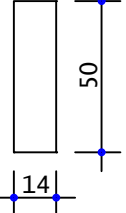
VP4



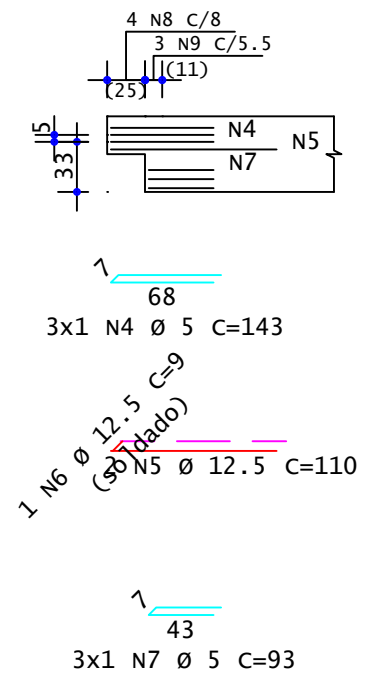
PLANTA



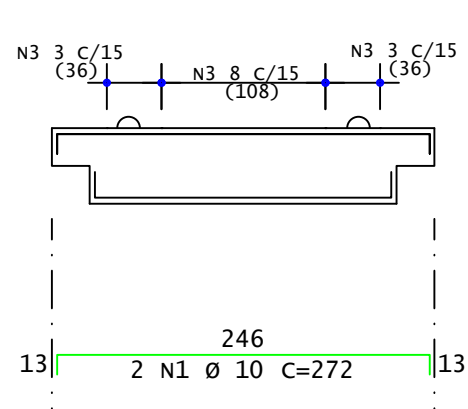
SEÇÃO



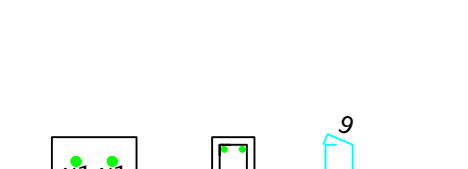
DETALHE INICIAL



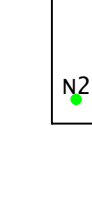
VP4



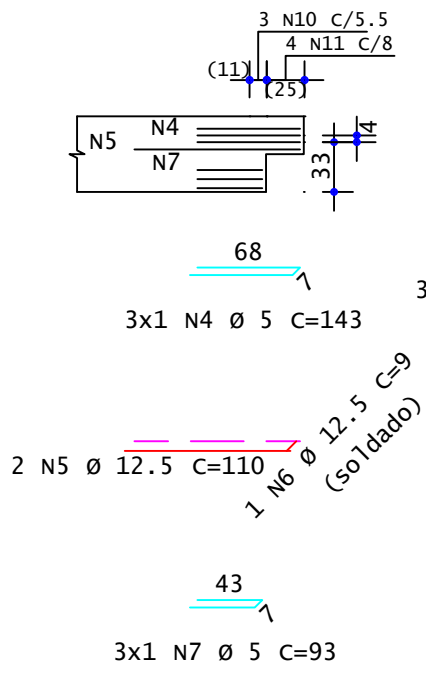
PLANTA



SEÇÃO



DETALHE FINAL

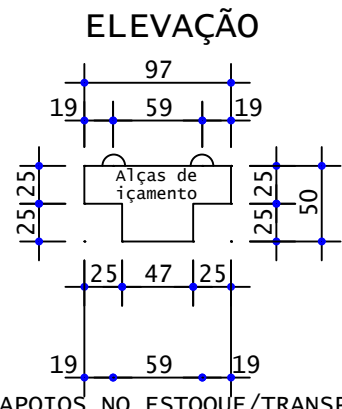


Pavimento	Quant	Volume unit (m³)	Volume total (m³)
Primeiro Lance(1x)	2	0.160	0.319
Térreo(1x)	2	0.160	0.319
TOTAIS	4		0.638

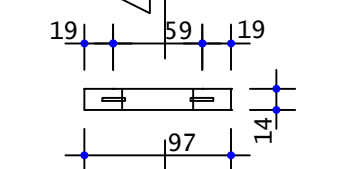
ACO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	
VP4 (X4)						
50A	1	10	8	272	2176	
50A	2	10	8	230	1840	
60A	3	5	56	123	6888	
60A	4	5	24	143	3432	
50A	5	12.5	16	110	1760	
50A	6	12.5	8	9	72	
60A	7	5	24	93	2232	
60A	8	5	16	73	1168	
50A	10	12.5	12	138	1656	
60A	11	5	16	73	1168	

RESUMO DE AÇO				PESO
ACO	BIT	COMPR		
	mm	m		kgf
60A	5	149		23
50A	10	40		25
50A	12.5	51		50
Peso Total			60A =	23 kgf
Peso Total			50A =	74 kgf

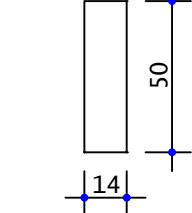
VP5



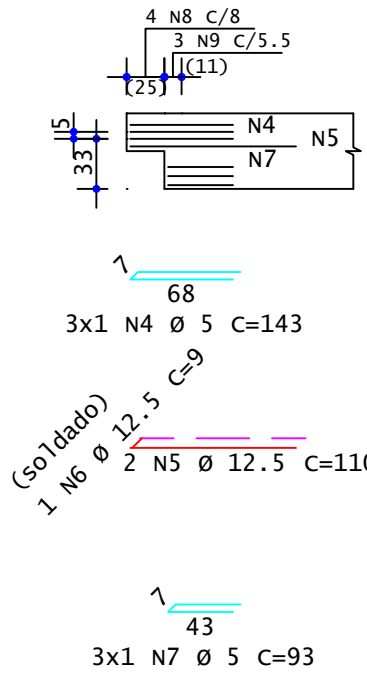
PLANTA



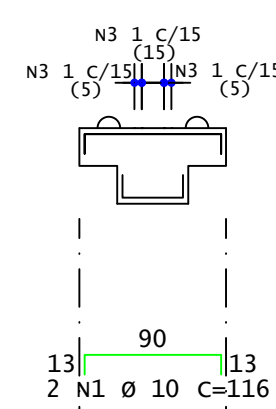
SEÇÃO



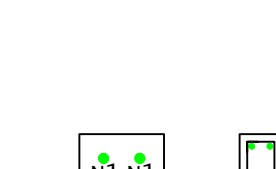
DETALHE INICIAL



VP5



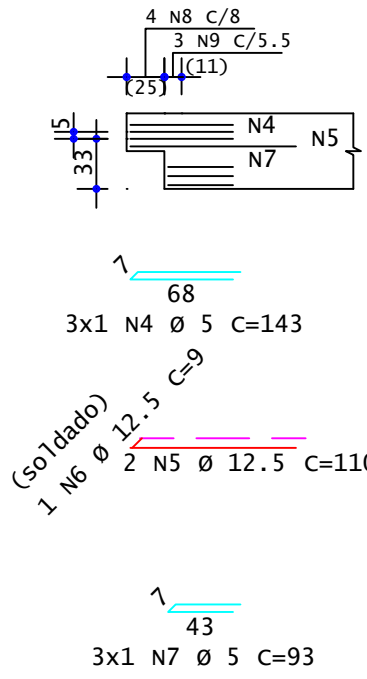
PLANTA



SEÇÃO



DETALHE FINAL

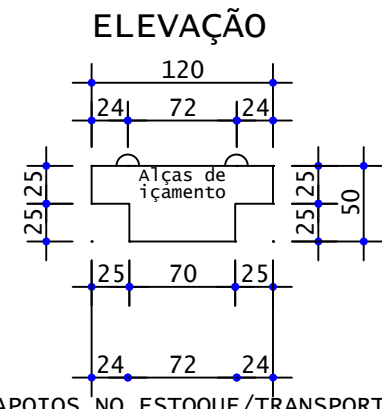


Pavimento	Quant	Volume unit (m³)	Volume total (m³)
Primeiro Lance(1x)	1	0.050	0.050
Térreo(1x)	1	0.050	0.050
TOTAIS	2		0.101

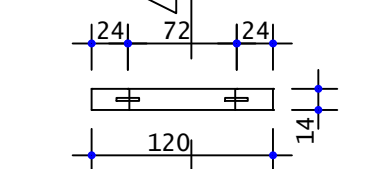
ACO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	
VP5 (X2)						
50A	1	10	4	116	464	
50A	2	10	4	70	280	
60A	3	5	6	123	738	
60A	4	5	12	143	1716	
50A	5	12.5	8	110	880	
50A	6	12.5	4	9	36	
60A	7	5	12	93	1116	
60A	8	5	8	73	584	
50A	9	12.5	6	138	828	
50A	10	12.5	6	138	828	
60A	11	5	8	73	584	

RESUMO DE AÇO				PESO
ACO	BIT	COMPR		
	mm	m		kgf
60A	5	47		7
50A	10	7		5
50A	12.5	26		25
Peso Total			60A =	7 kgf
Peso Total			50A =	29 kgf

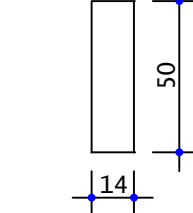
VP6



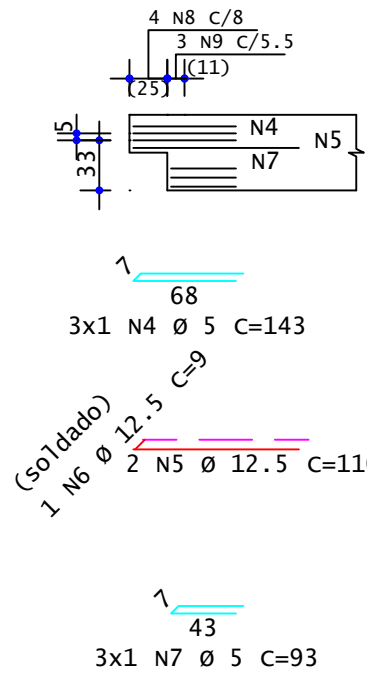
PLANTA



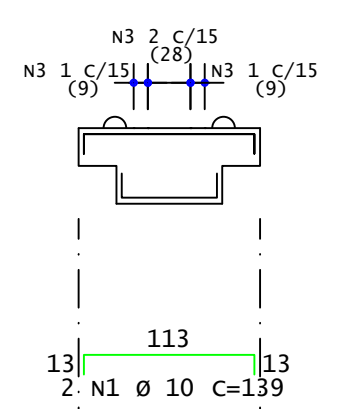
SEÇÃO



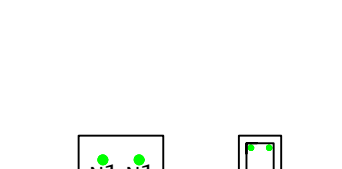
DETALHE INICIAL



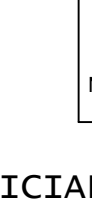
VP6



PLANTA



SEÇÃO



DETALHE FINAL

