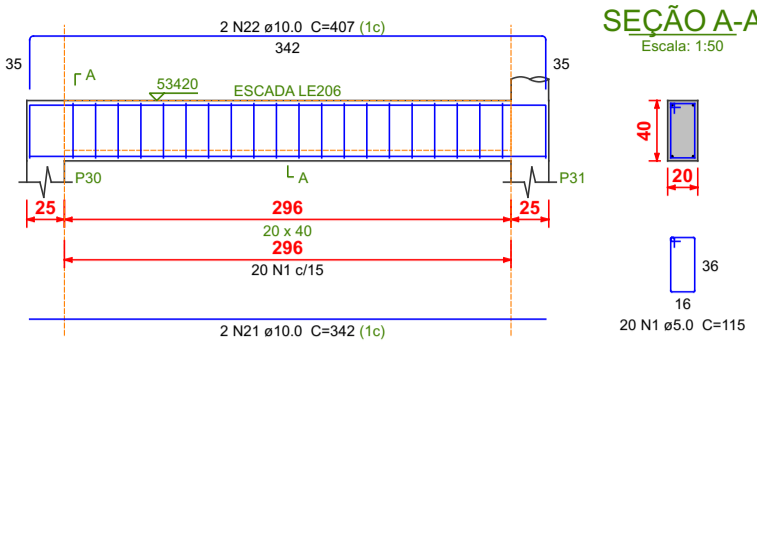
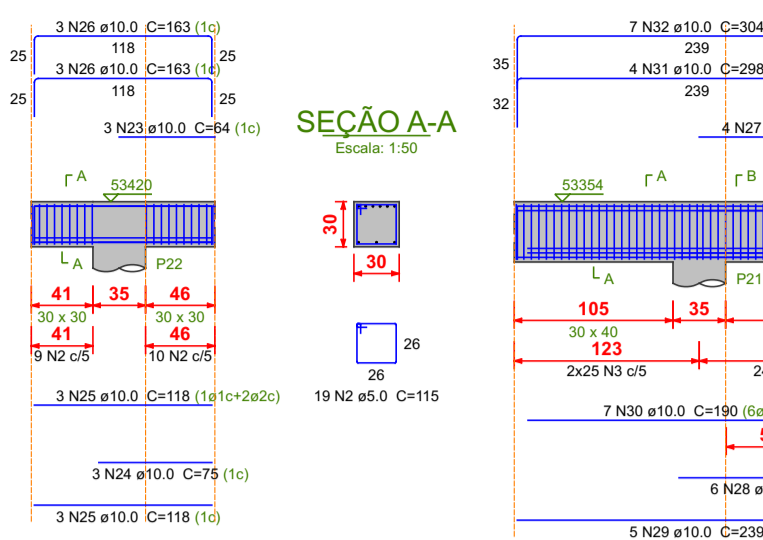


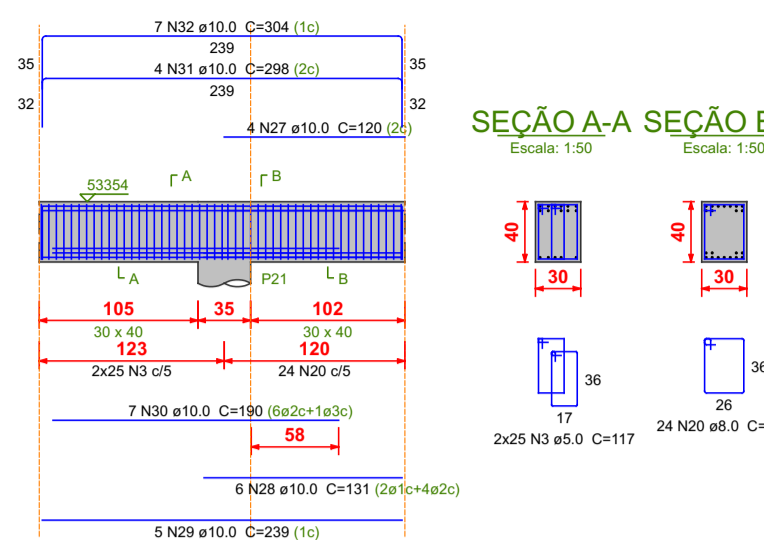
V200 (20 x 40)



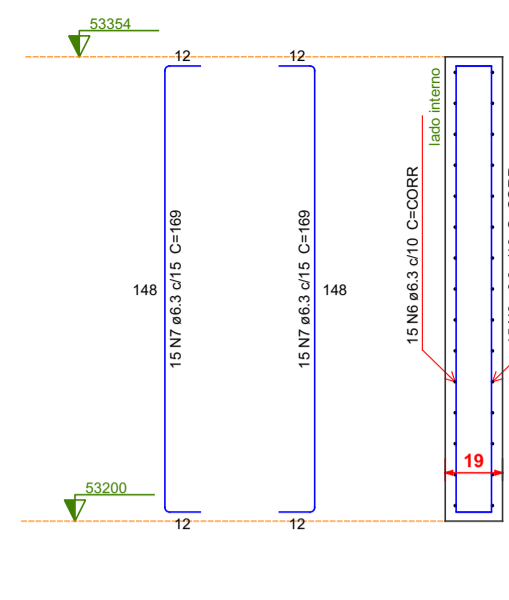
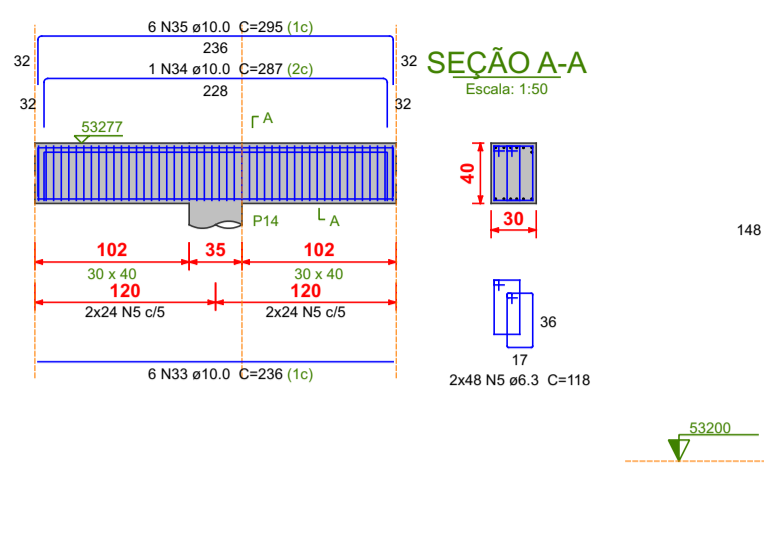
V201 (30 x 30)



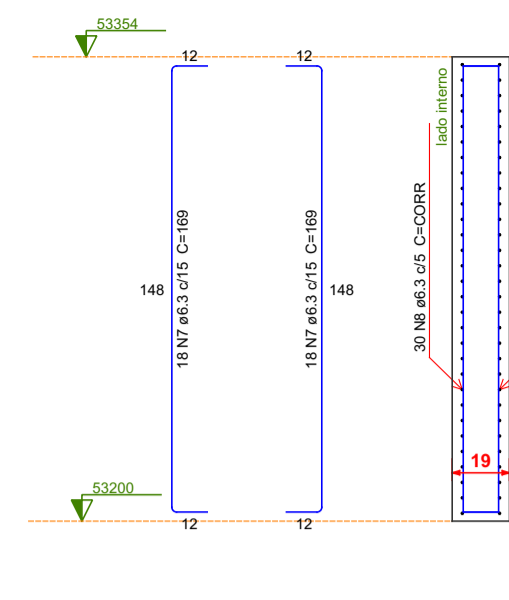
V202 (30 x 40)



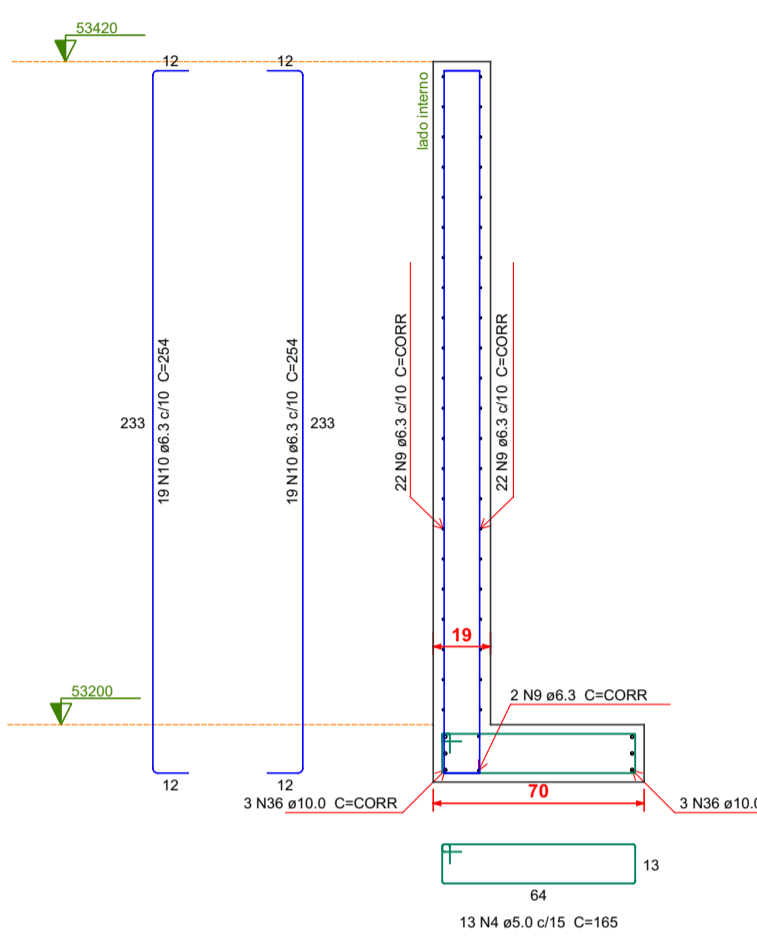
V203 (30 x 40)



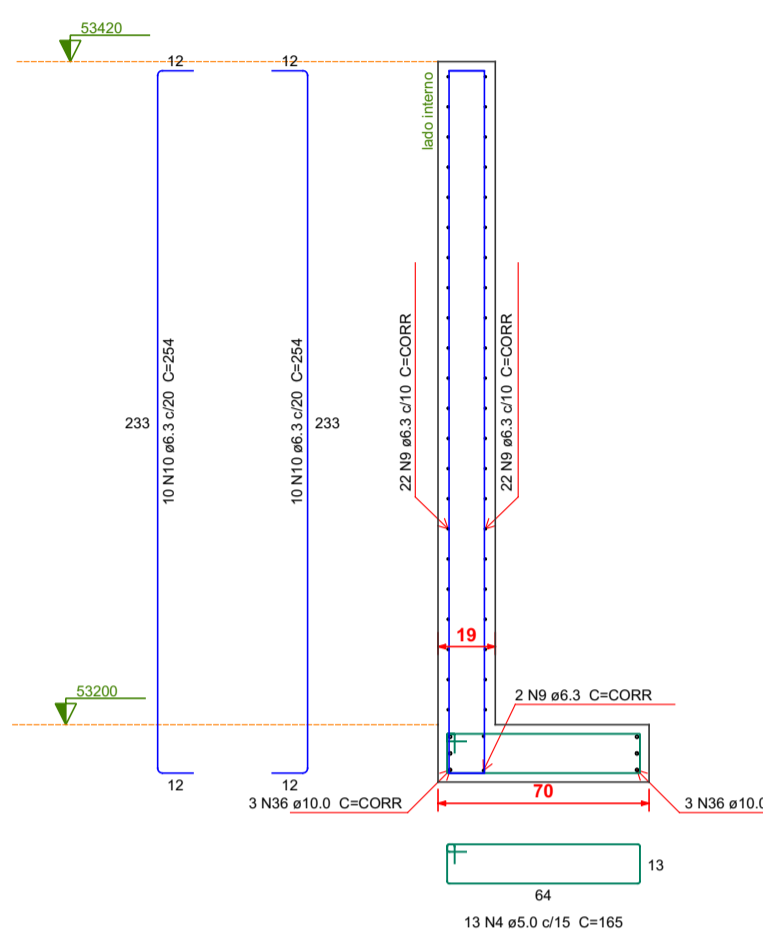
PAR1



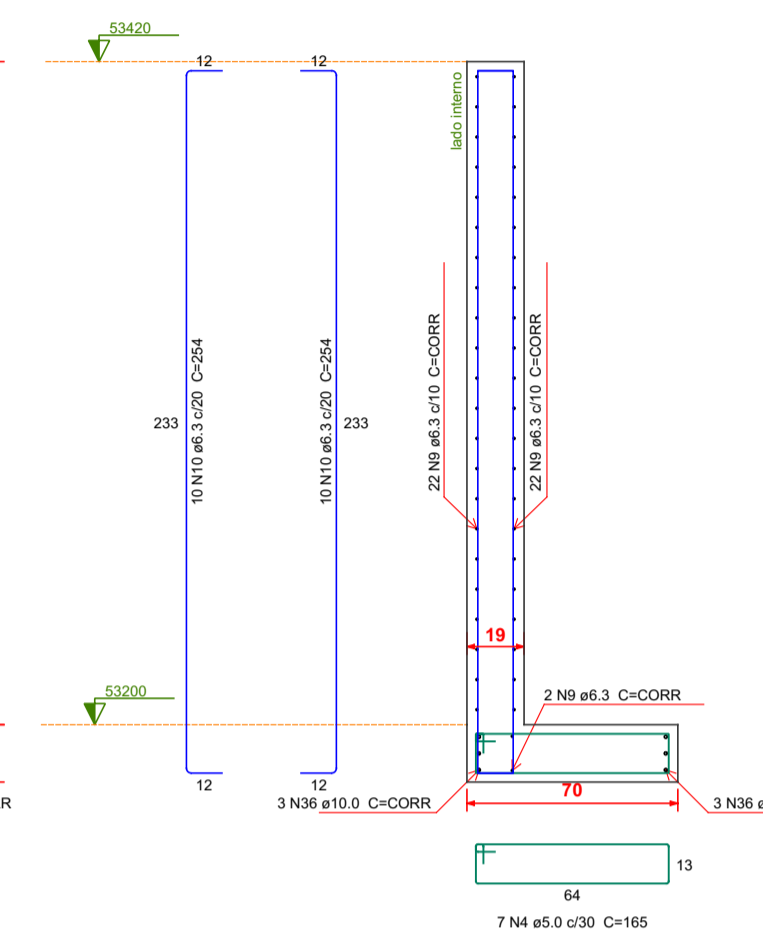
PAR2 = PAR27



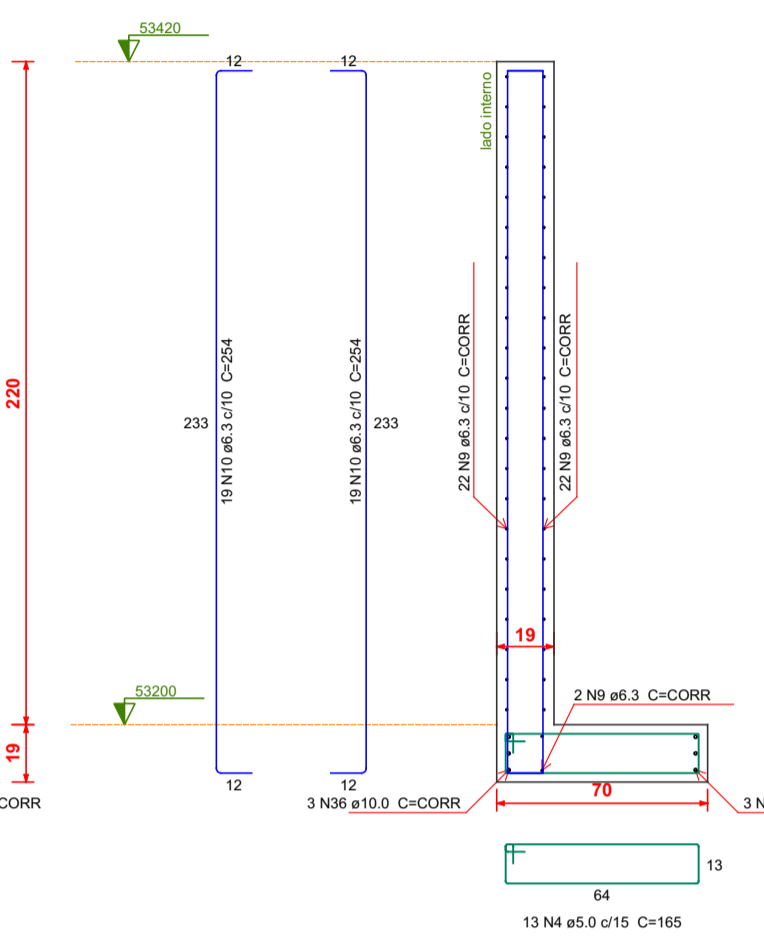
PAR3



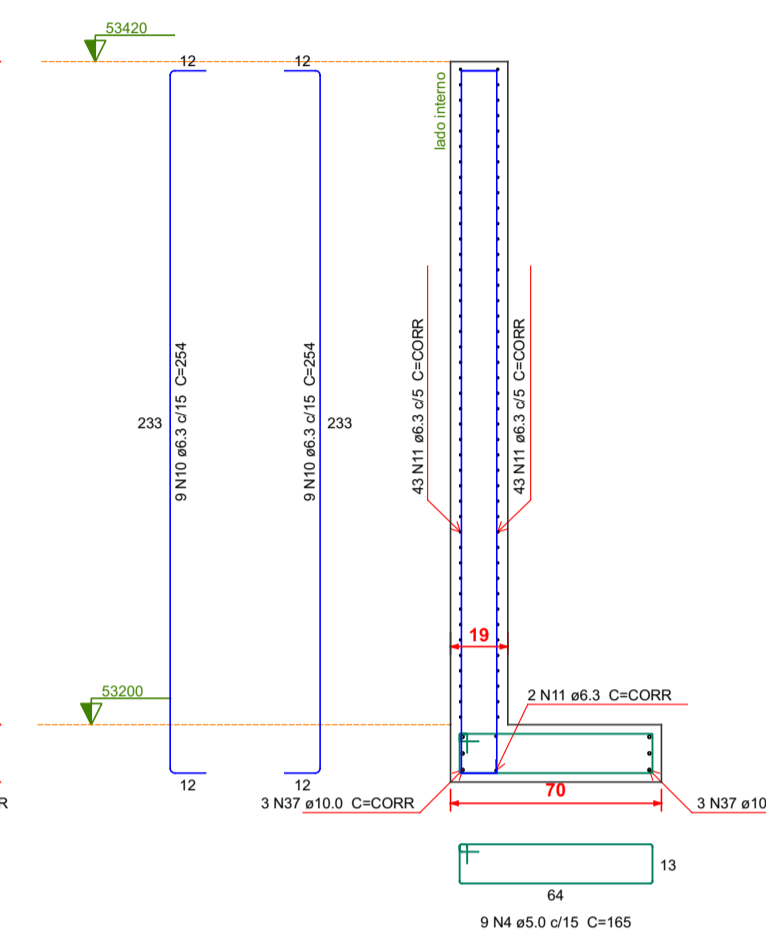
PAR4



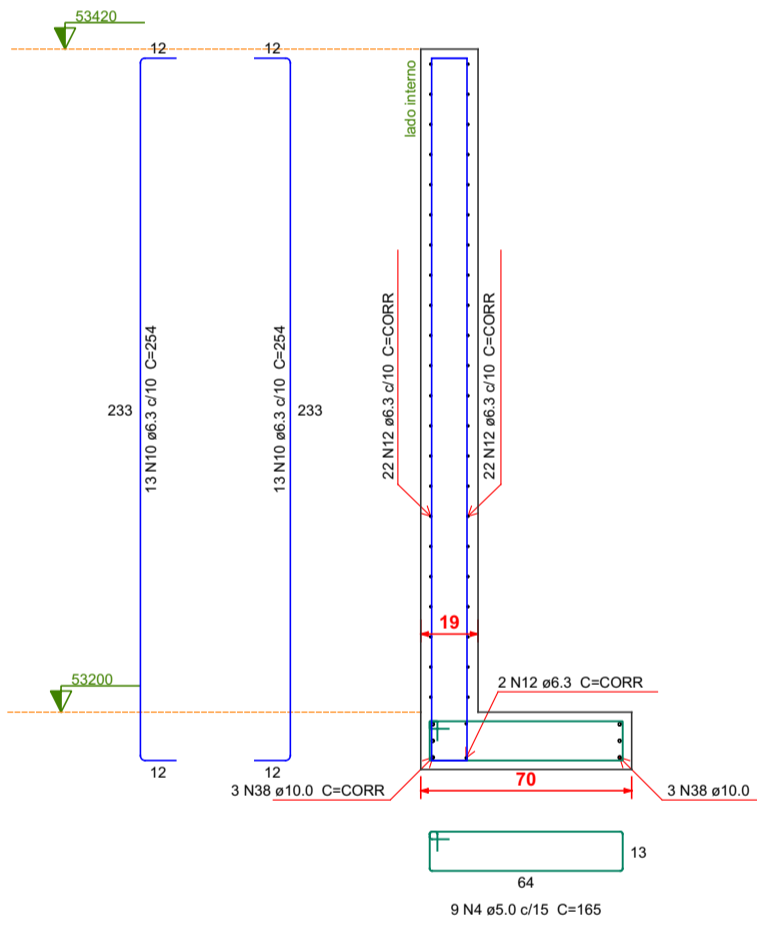
PAR5



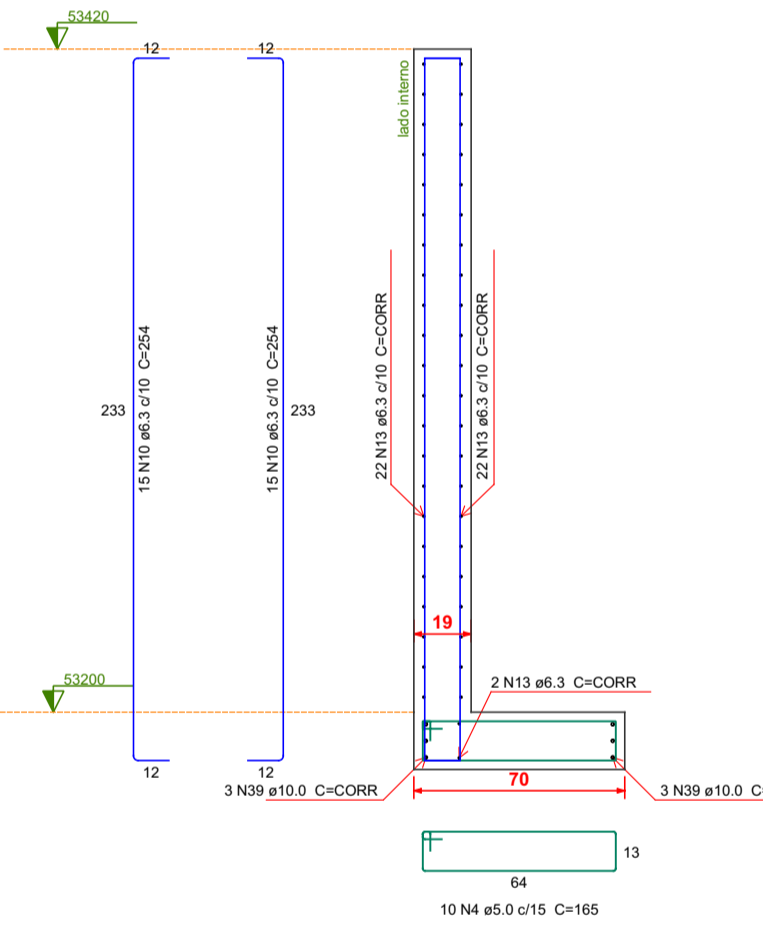
PAR6



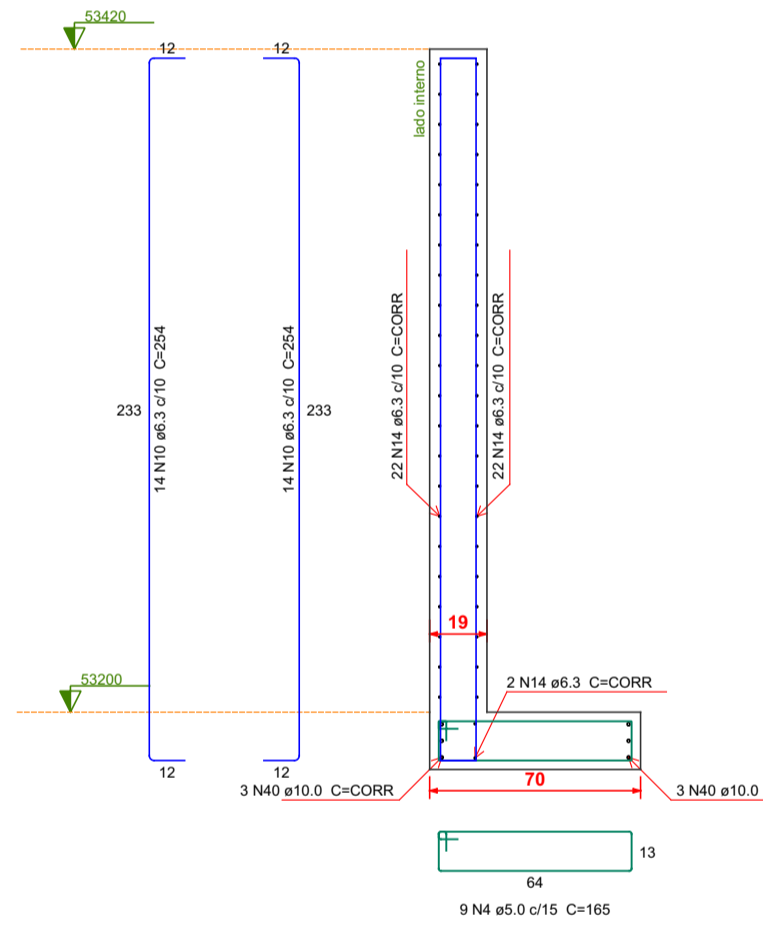
PAR8



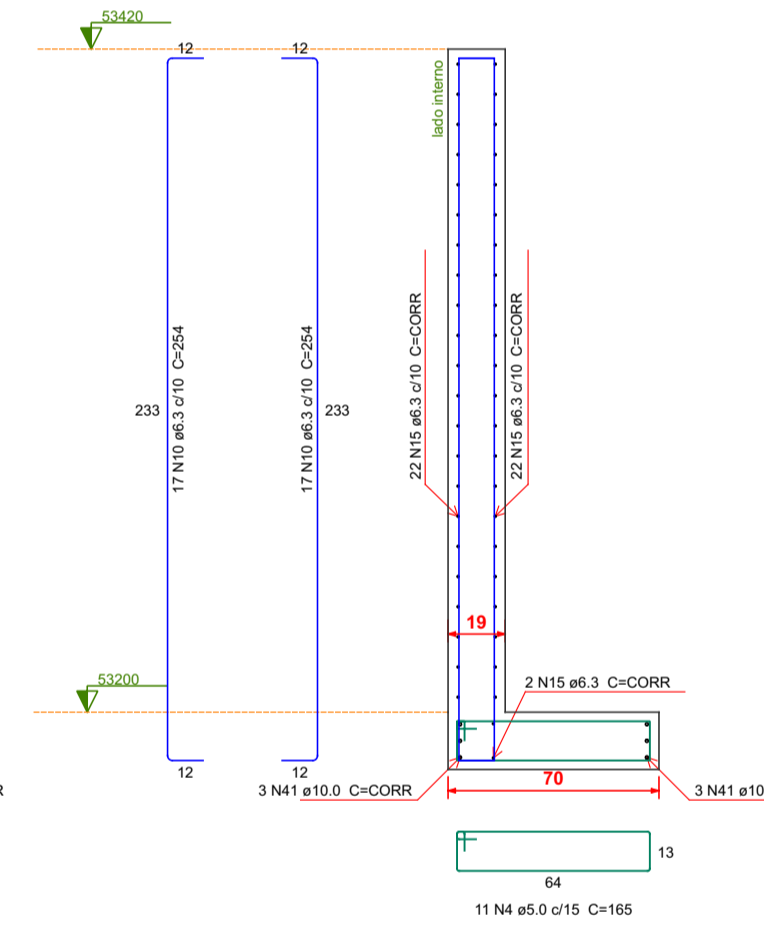
PAR9



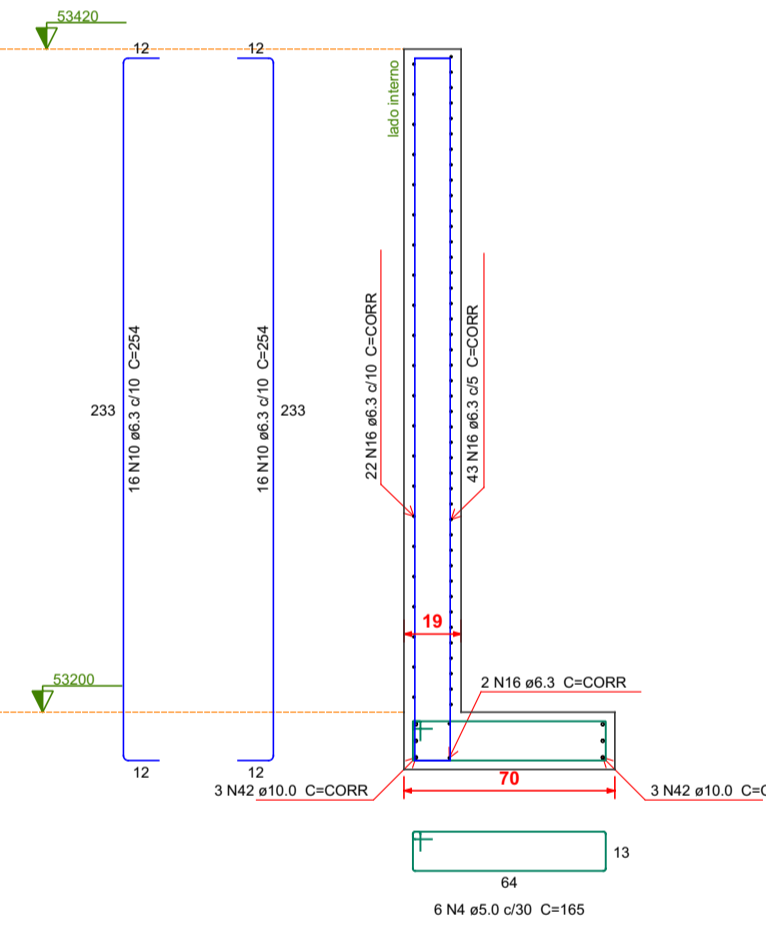
PAR10



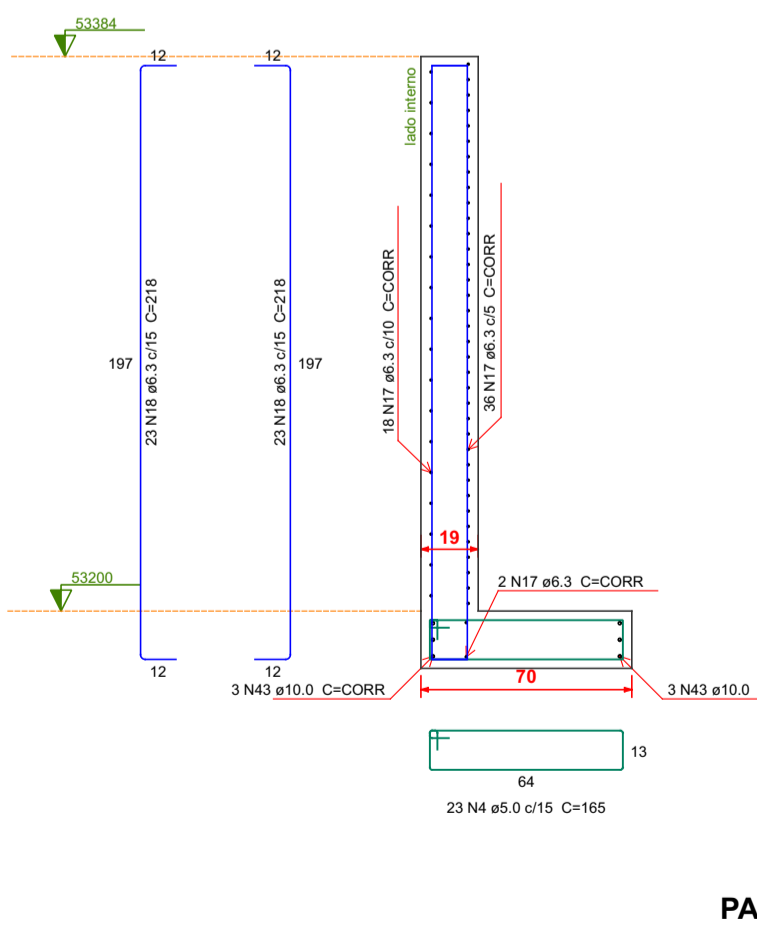
PAR11



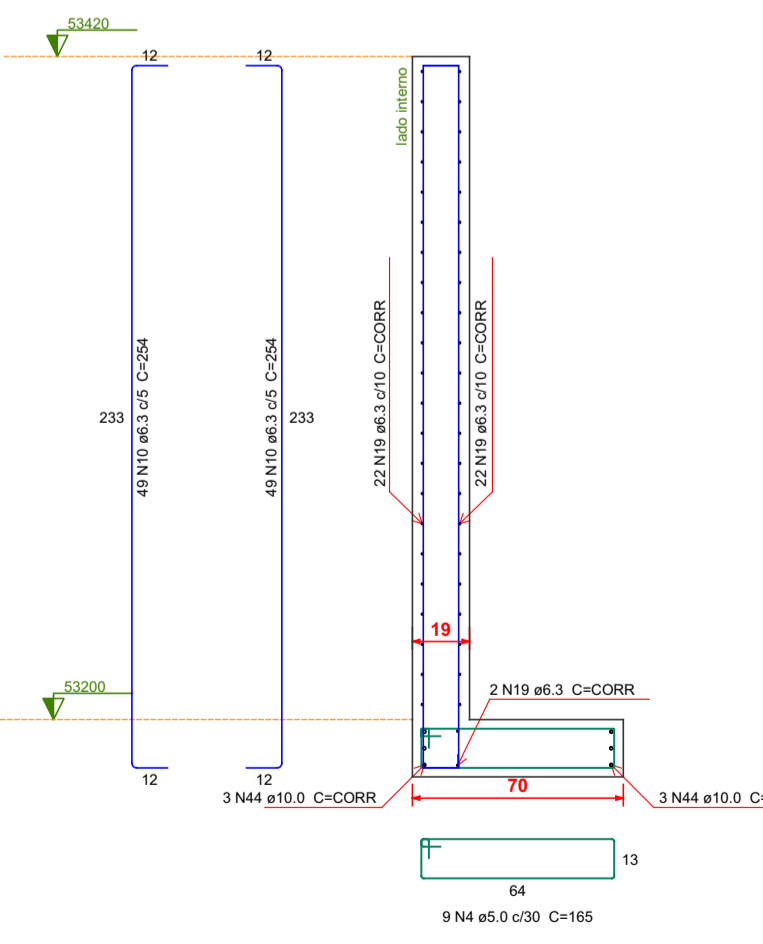
PAR12



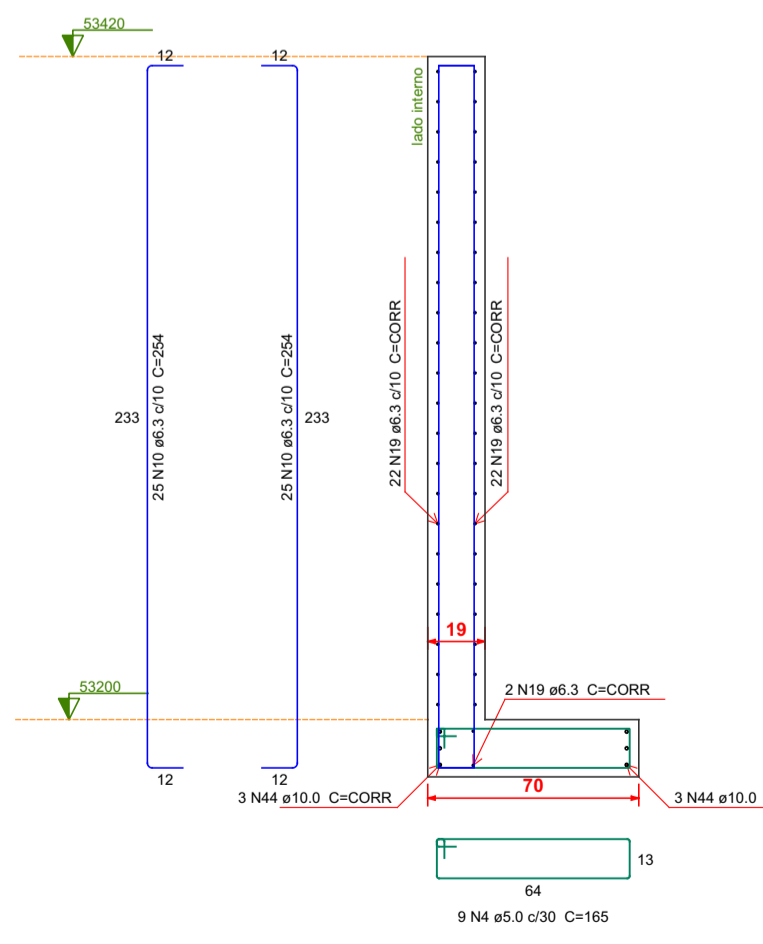
PAR13



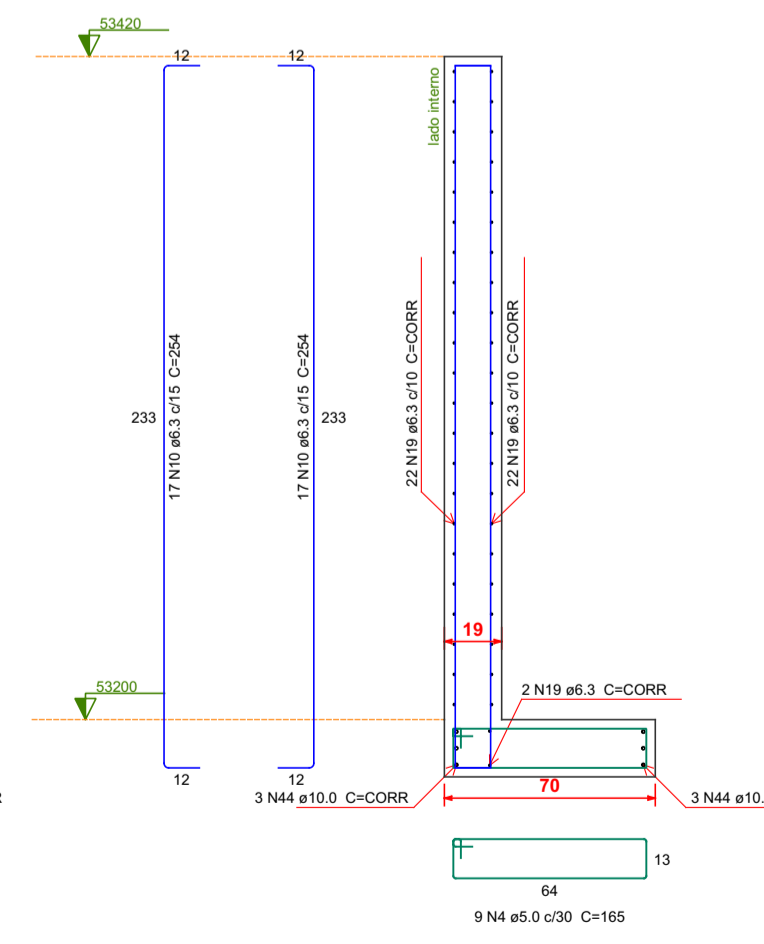
PAR14



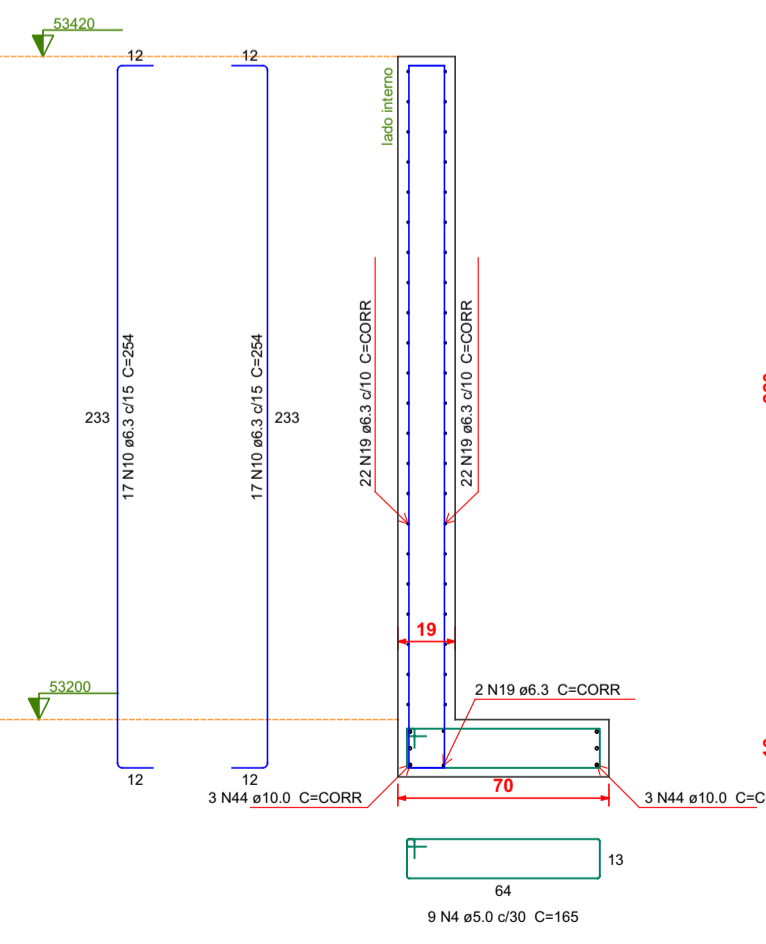
PAR15



PAR16



PAR17



PAR18

Relação do aço

PAR1	2xPAR2	PAR3
PAR4	PAR5	PAR6
PAR8	PAR9	PAR10
PAR11	PAR12	PAR13
PAR14	PAR15	PAR16
PAR17	PAR18	V200
V201	V202	V203

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	20	115	2300
	2	5.0	19	115	2185
	3	5.0	50	117	5850
	4	5.0	159	165	26235
CA50	5	6.3	96	118	11328
	6	6.3	30	CORR	6540
	7	6.3	102	169	17238
	8	6.3	120	CORR	32280
	9	6.3	184	CORR	34960
	10	6.3	500	254	127000
	11	6.3	88	CORR	11792
	12	6.3	46	CORR	5812
	13	6.3	46	CORR	6762
	14	6.3	46	CORR	6118
	15	6.3	46	CORR	7590
	16	6.3	67	CORR	10586
	17	6.3	56	CORR	18704
	18	6.3	46	218	10028
19	6.3	184	CORR	44712	
20	8.0	24	136	3264	
21	10.0	2	342	684	
22	10.0	2	407	814	
23	10.0	3	64	192	
24	10.0	3	75	225	
25	10.0	6	118	708	
26	10.0	6	163	978	
27	10.0	4	120	480	
28	10.0	6	131	786	
29	10.0	5	239	1195	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	30	10.0	7	180	1330
	31	10.0	4	298	1192
	32	10.0	7	304	2128
	33	10.0	6	236	1416
CA50	34	10.0	1	287	287
	35	10.0	6	295	1770
	36	10.0	24	CORR	4560
	37	10.0	6	CORR	804
	38	10.0	6	CORR	732
	39	10.0	6	CORR	882
	40	10.0	6	CORR	798
	41	10.0	6	CORR	990
	42	10.0	6	CORR	948
	43	10.0	6	CORR	2004
44	10.0	24	CORR	5832	

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	UNIT	PESO (kg)
CA50	6.3	3512.5	293	12 m	859.5
	8.0	32.7	3	12 m	12.9
	10.0	317.4	27	12 m	195.7
CA60	5.0	365.7	31	12 m	56.4
PESO TOTAL (kg)					
CA50	1068.1				
CA60	56.4				

Volume de concreto (C-30) = 0.97 m³
Área de forma = 9.87 m²

DNL ENGENHARIA, TRANSPORTES E CONSTRUÇÃO LTDA
Avenida José Orlando Pereira,458-Centro
Promissão - SP
CNPJ 15.712.661/0001-17 - IE 546026520115

OBSERVAÇÕES

- * QUALQUER ALTERAÇÃO SOMENTE PODERÁ SER FEITA COM AUTORIZAÇÃO DO AUTOR DO PROJETO
- * HAVENDO DIVERGÊNCIA ENTRE COTA E ESCALA PREVALECE A COTA
- * DIREITOS AUTORAIS RESERVADOS

ATENÇÃO: UTILIZAR ESTE DESENHO SOMENTE SE IMPRESSO COLORIDO

RESPONSÁVEL TÉCNICO		PROPRIETÁRIO	
DNL ENGENHARIA, TRANSPORTES E CONSTRUÇÃO LTDA CNPJ 15.712.661/0001-17 - IE 546026520115		CAMARA MUNICIPAL DE SÃO PEDRO 01.637.740/0001-04	
PROPRIETÁRIO		FOLHA	
CAMARA MUNICIPAL DE SÃO PEDRO		EST 15/22	
LOCAL		OBRA	
RUA NICOLAU MAURO,1011-CENTRO-SÃO PEDRO		IMPLANTAÇÃO DO ESTACIONAMENTO DA CÂMARA MUNICIPAL DE SÃO PEDRO	
ESPECIFICAÇÃO		FOLHA Nº	
ARMAÇÕES DE VIGAS E PAREDES DE CONTENÇÃO DO PAVIMENTO TOPO DA RAMPA		10	
DATA	ESCALA	PROJETO	
04/05/2022	INDICADA	PROJETO ESTRUTURAL EM CONCRETO ARMADO	
DESENHO	ARQUIVO	EST 15/22-10rev. 00	