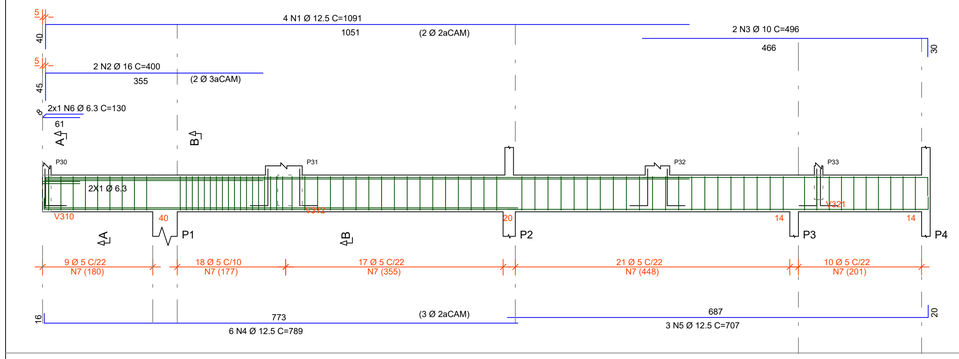
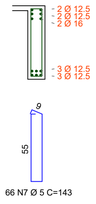
V301 14/60



Corte A

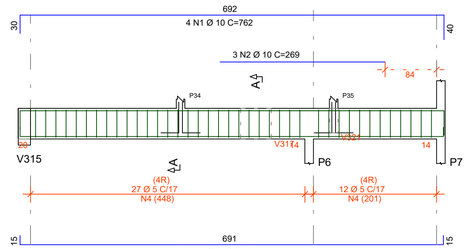
9 N7 Ø 5 C=143

Corte B

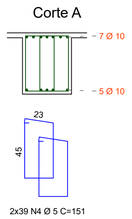


66 N7 Ø 5 C=143

V302 40/50



Corte A



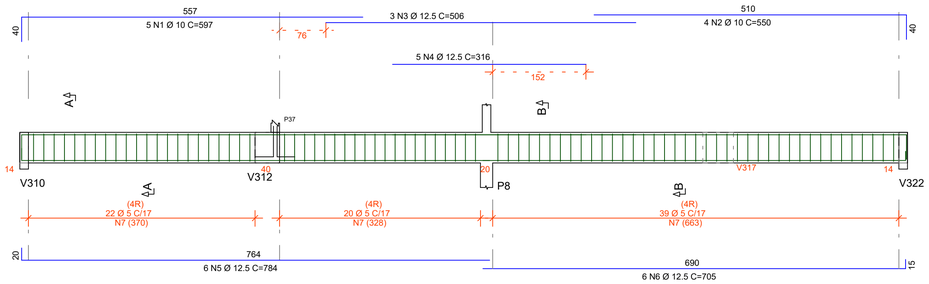
2x39 N4 Ø 5 C=151

	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V301						
	50	1	12.5	4	1091	4364
	50	2	16	2	400	800
	50	3	10	2	496	992
	50	4	12.5	6	789	4734
	50	5	12.5	3	707	2121
	50	6	6.3	2	130	260
	60	7	5	75	143	10725
V302						
	50	1	10	4	762	3048
	50	2	10	3	269	807
	50	3	10	5	721	3605
	60	4	5	78	151	11778
V303						
	50	1	10	5	597	2985
	50	2	10	4	550	2200
	50	3	12.5	3	506	1518
	50	4	12.5	5	316	1580
	50	5	12.5	6	784	4704
	50	6	12.5	6	705	4230
	60	7	5	162	151	24462
V304						
	50	1	12.5	3	840	2520
	50	2	12.5	4	245	980
	50	3	12.5	3	801	2403
	50	4	12.5	2	587	1174
	60	5	5	59	145	8555
V305						
	50	1	8	3	417	1251
	50	2	10	2	1133	2266
	50	3	10	1	550	550
	50	4	8	3	1145	3435
	50	5	10	3	312	936
	60	6	5	61	143	8723
V306						
	50	1	8	2	342	684
	50	2	8	3	303	909
	60	3	5	11	133	1463
V307						
	50	1	12.5	4	987	3948
	50	2	12.5	2	509	1018
	50	3	12.5	4	983	3932
	50	4	12.5	3	727	2181
	50	5	6.3	4	80	320
	60	6	5	82	139	11398
V308						
	50	1	8	2	421	842
	50	2	12.5	3	397	1191
	60	3	5	16	103	1648

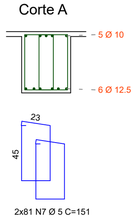
RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	788	121
50	6.3	6	1
50	8	71	28
50	10	174	107
50	12.5	426	410
50	16	8	13
Peso Total	60 =		121 kg
Peso Total	50 =		560 kg

Volume de concreto de VIGAS (m3)	Eixo	Faces
	9.4	8.8

V303 40/50

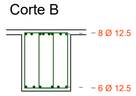


Corte A

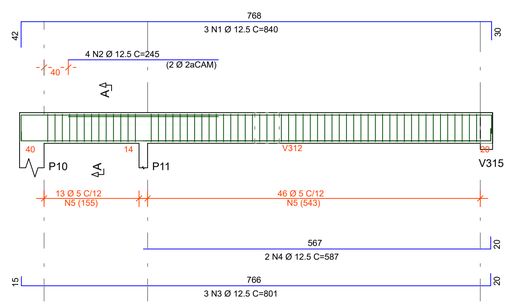


2x81 N7 Ø 5 C=151

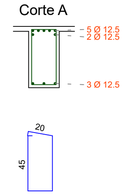
Corte B



V304 25/50

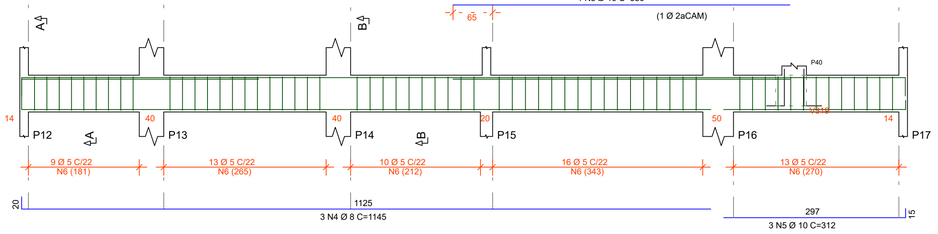


Corte A

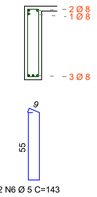


59 N5 Ø 5 C=145

V305 14/60

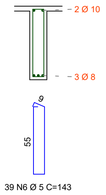


Corte A



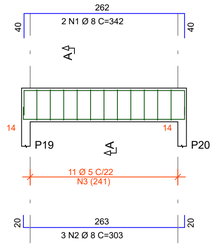
22 N6 Ø 5 C=143

Corte B

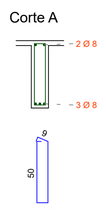


39 N6 Ø 5 C=143

V306 14/55

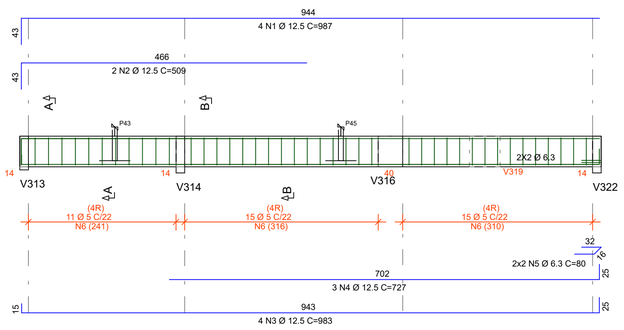


Corte A

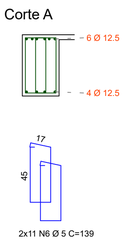


11 N3 Ø 5 C=133

V307 30/50

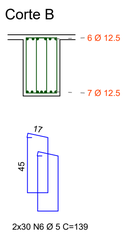


Corte A



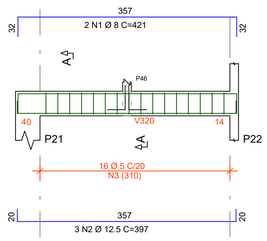
2x11 N6 Ø 5 C=139

Corte B

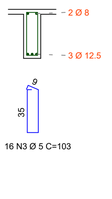


2x30 N6 Ø 5 C=139

V308 14/40



Corte A



16 N3 Ø 5 C=103

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PROJETO:
ESTRUTURAL EM CONCRETO ARMADO

CLIENTE:
VANESSA APARECIDA HENRIQUE BALAN

OBRA:
PARA CONSTRUÇÃO DE UMA EDIFICAÇÃO COMERCIAL EM CONCRETO ARMADO

LOCAL:
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PRANCHA: 17

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DATA CRIAÇÃO: 23/11/2020

FCK (MPa): 30 MPa

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PROJETO Nº: P-489

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