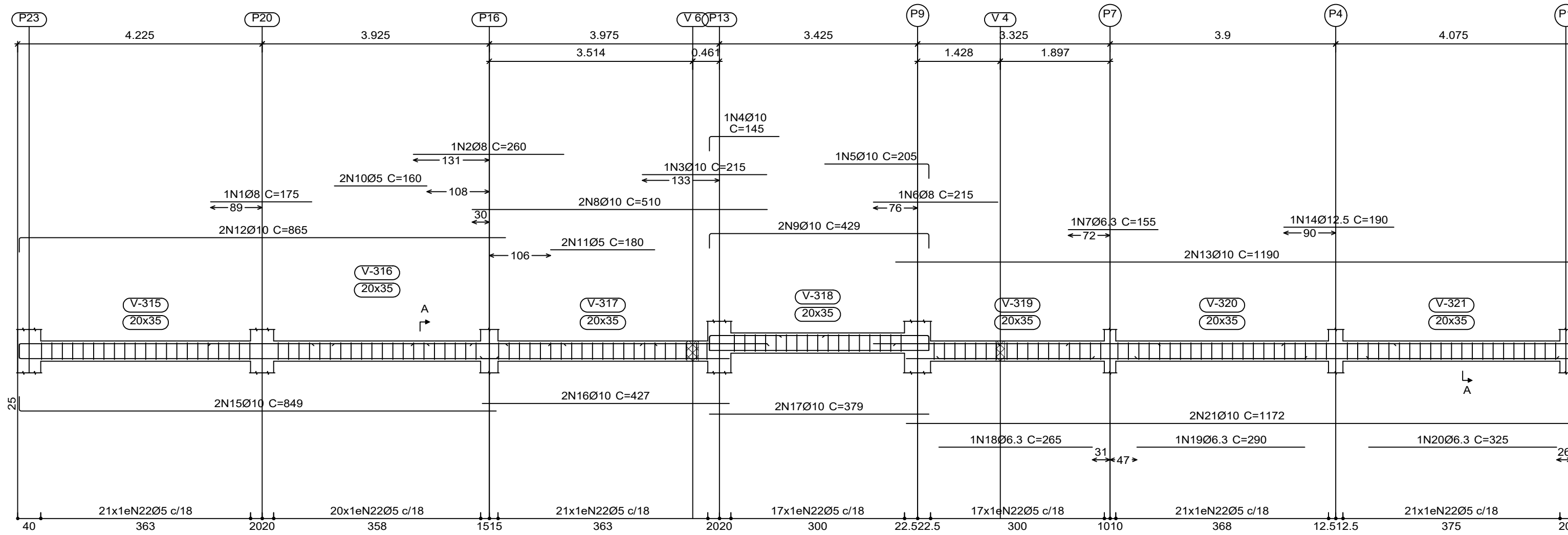
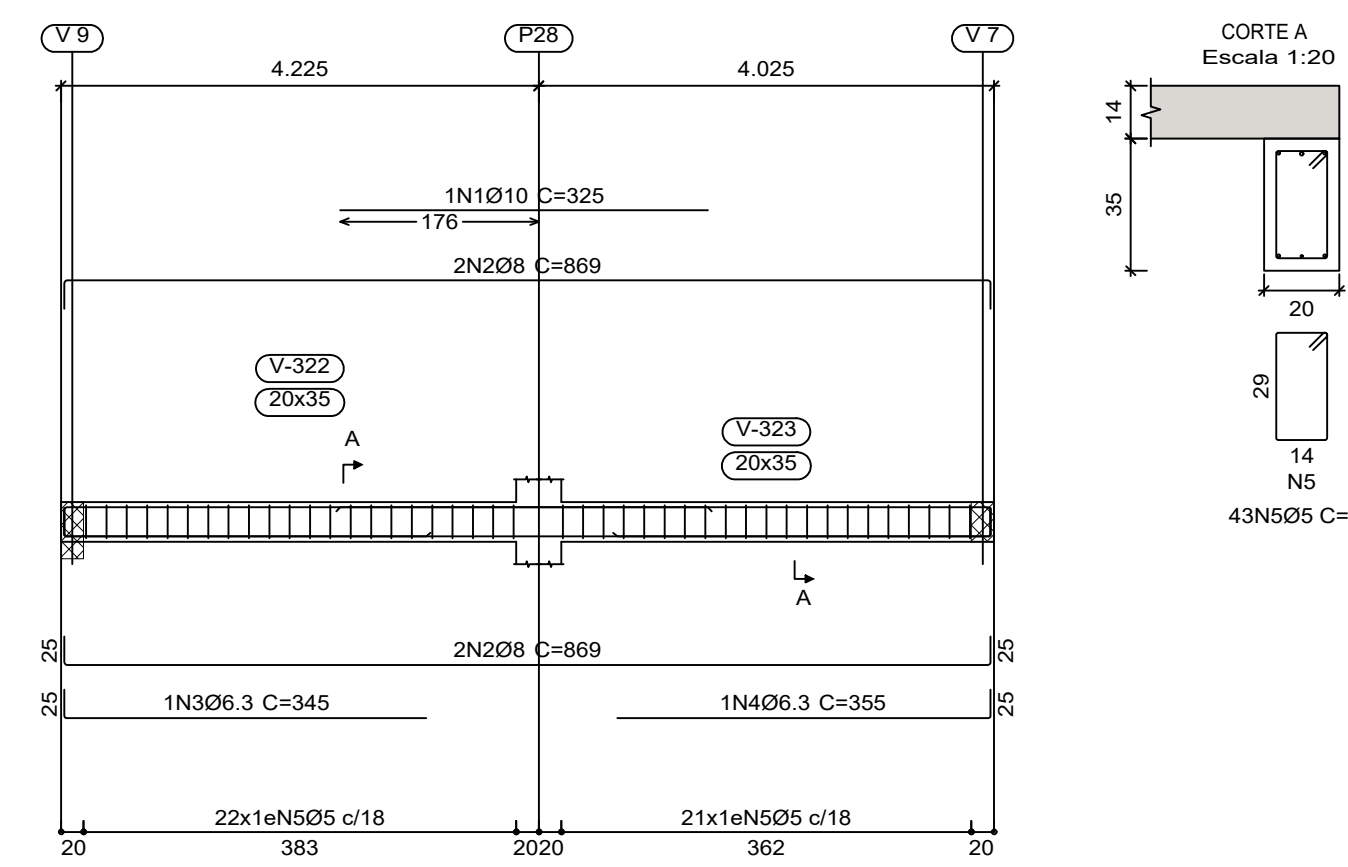


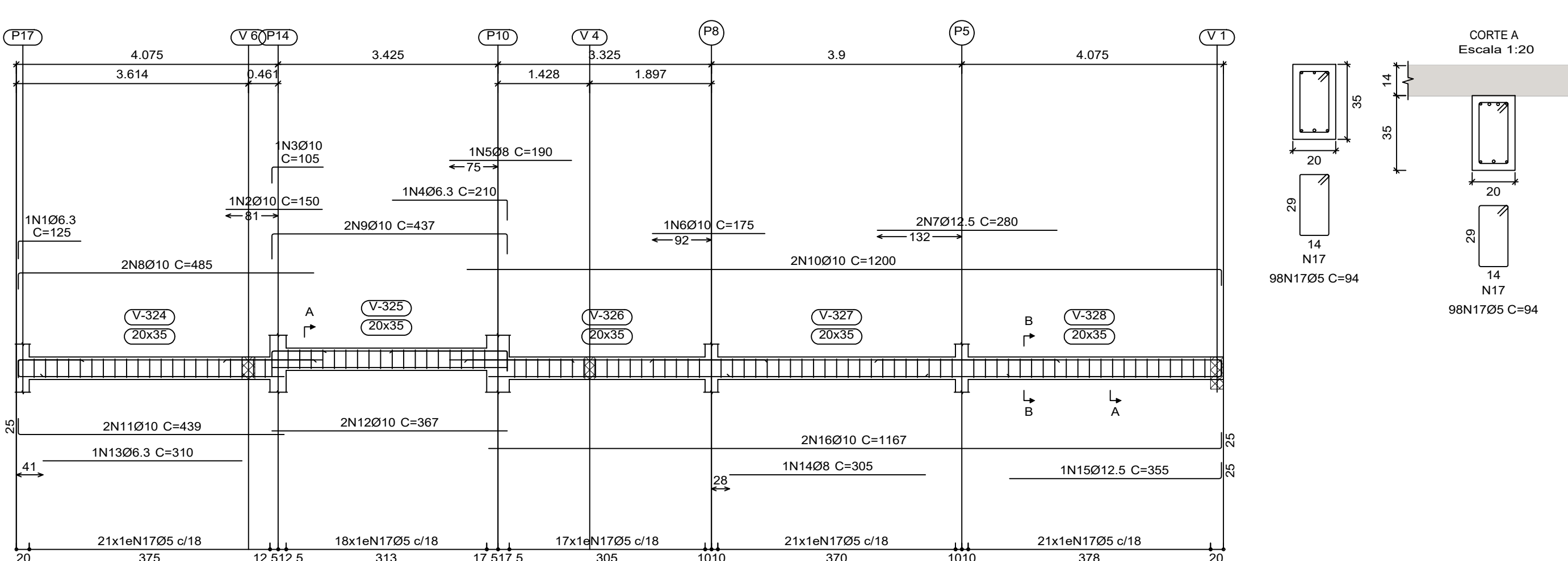
V 10
Escala 1:75



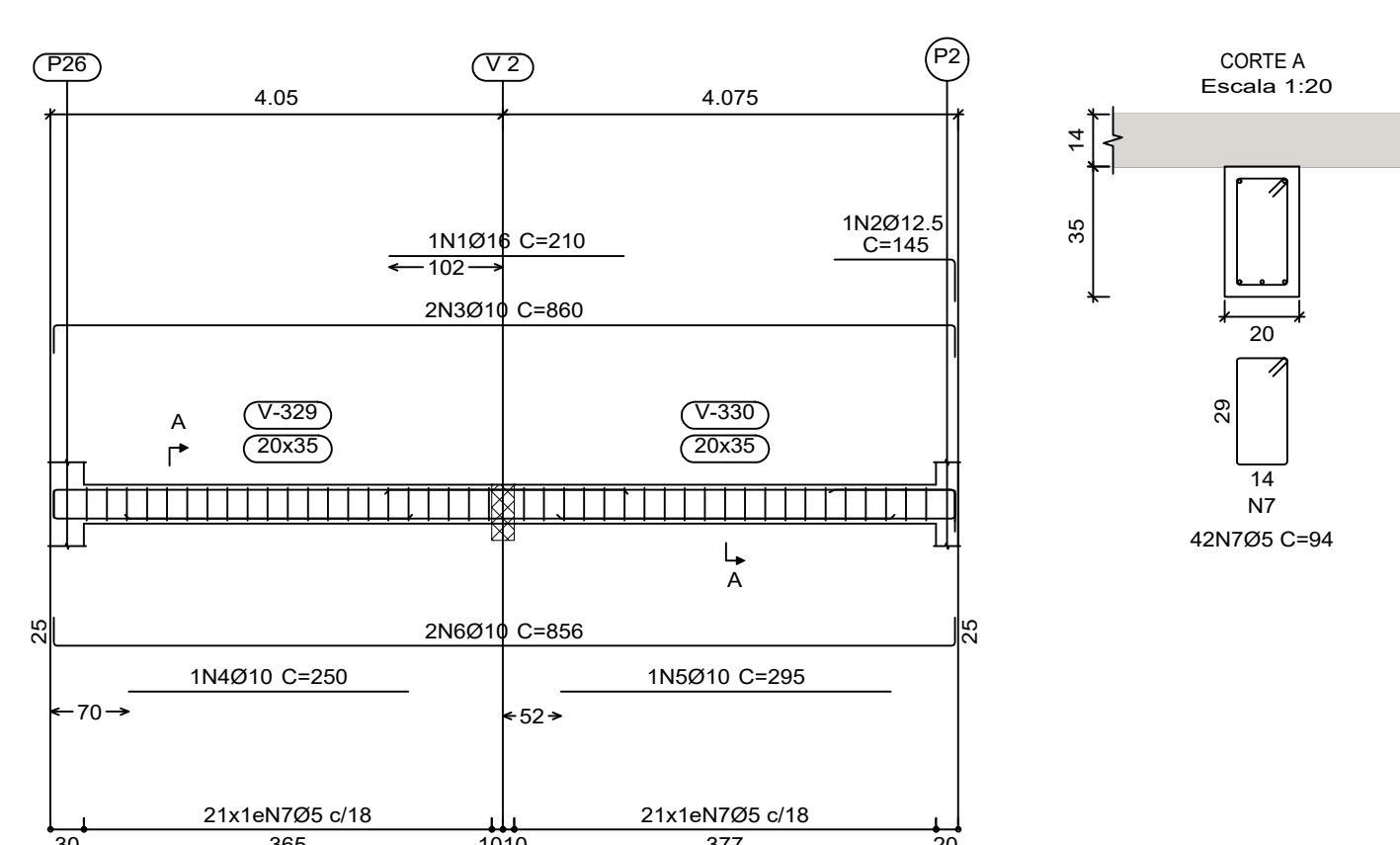
V 11
Escala 1:75



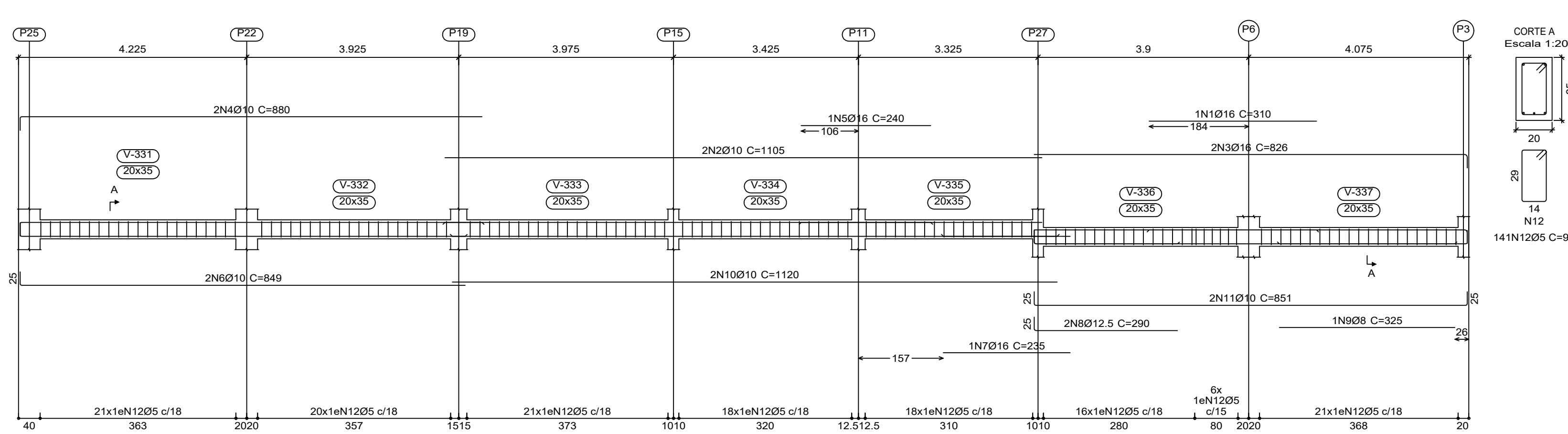
V 12
Escala 1:75



V 13
Escala 1:75



V 14
Escala 1:75



Elemento	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 10							
1	Ø8	1	175	175	0.7		
2	Ø8	1	260	260	1.0		
3	Ø10	1	215	215	1.3		
4	Ø10	1	145	145	0.9		
5	Ø10	1	205	205	1.3		
6	Ø8	1	215	215	0.8		
7	Ø6.3	1	155	155	0.4		
8	Ø10	2	510	1020	6.3		
9	Ø10	2	429	858	5.3		
10	Ø5	2	160	320		0.5	
11	Ø5	2	180	360		0.6	
12	Ø10	2	865	1730	10.7		
13	Ø10	2	1190	2380	14.7		
14	Ø12.5	1	190	190	1.8		
15	Ø10	2	849	1698	10.5		
16	Ø10	2	427	854	5.3		
17	Ø10	2	379	758	4.7		
18	Ø6.3	1	265	265	0.6		
19	Ø6.3	1	290	290	0.7		
20	Ø6.3	1	325	325	0.8		
21	Ø10	2	1172	2344	14.4		
22	Ø5	138	94	12972		20.4	
Total+10%:						90.4	23.7
V 11							
1	Ø10	1	325	325	2.0		
2	Ø8	4	869	3476	13.7		
3	Ø6.3	1	345	345	0.8		
4	Ø6.3	1	355	355	0.9		
5	Ø5	43	94	4042		6.3	
Total+10%:						19.1	6.9
V 12							
1	Ø6.3	1	125	125	0.3		
2	Ø10	1	150	150	0.9		
3	Ø10	1	105	105	0.6		
4	Ø6.3	1	210	210	0.5		
5	Ø8	1	190	190	0.8		
6	Ø10	1	175	175	1.1		
7	Ø12.5	2	280	560	5.4		
8	Ø10	2	485	970	6.0		
9	Ø10	2	437	874	5.4		
10	Ø10	2	1200	2400	14.8		
11	Ø10	2	439	878	5.4		
12	Ø10	2	367	734	4.5		
13	Ø6.3	1	310	310	0.8		
14	Ø8	1	305	305	1.2		
15	Ø12.5	1	355	355	3.4		
16	Ø10	2	1167	2334	14.4		
17	Ø5	98	94	9212		14.5	
Total+10%:						72.1	16.0
V 13							
1	Ø16	1	210	210	3.3		
2	Ø12.5	1	145	145	1.4		
3	Ø10	2	860	1720	10.6		
4	Ø10	1	250	250	1.5		
5	Ø10	1	295	295	1.8		
6	Ø10	2	856	1712	10.5		
7	Ø5	42	94	3948		6.2	
Total+10%:						32.0	6.8
V 14							
1	Ø16	1	310	310	4.9		
2	Ø10	2	1105	2210	13.6		
3	Ø16	2	826	1652	26.1		
4	Ø10	2	880	1760	10.8		
5	Ø16	1	240	240	3.8		
6	Ø10	2	849	1698	10.5		
7	Ø16	1	235	235	3.7		
8	Ø12.5	2	290	580	5.6		
9	Ø8	1	325	325	1.3		
10	Ø10	2	1120	2240	13.8		
11	Ø10	2	851	1702	10.5		
12	Ø5	141	94	13254		20.8	
Total+10%:						115.1	22.9
						Ø5:	0.0
						Ø6.3:	6.3
						Ø8:	21.6
						Ø10:	235.4
						Ø12.5:	19.4
						Ø16:	46.0
						Total:	328.7

Pavimento Mezanino
Concreto: C25, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:75
Escala seções 1:20
Escala Planta de Forma 1:75

Resumo Aço Pavimento Mezanino	Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø6.3	42.5	11
	Ø8	69.6	30
	Ø10	494.6	335
	Ø12.5	54.2	57
	Ø16	60.0	104
	Ø20	4.4	12
CA-60	Ø5	679.5	117
Total			666

Projeto:	TCC	Data:	Outubro de 2016
UNIS			
Nome:	LEANDRO WILLIAN DE FRETAS		
Des.no.:	Planta:	DETALHAMENTO - VIGAS DO PAVIMENTO MEZANINO	
ESCALAS: 1:20 - 1:75			PRANCHA 09