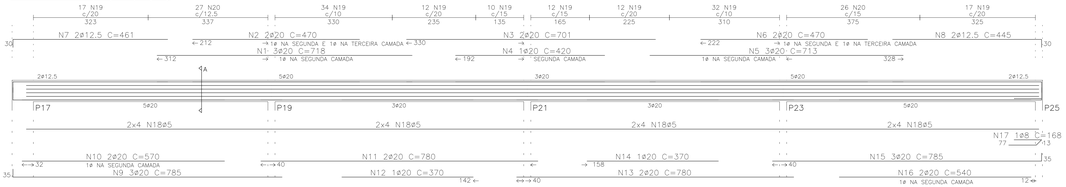
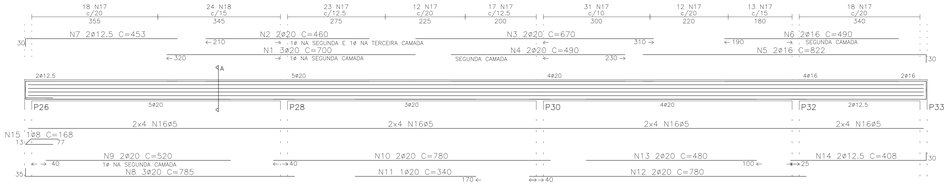
V301=V303 (20/60) (2x)



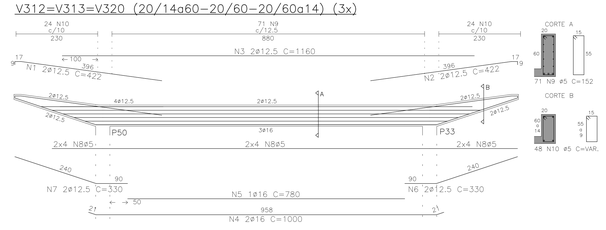
CORTE A

V302=V304 (20/60) (2x)



CORTE A

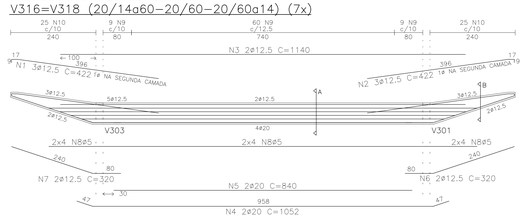
V312=V313=V320 (20/14ø60-20/60-20/60ø14) (3x)



CORTE A

CORTE B

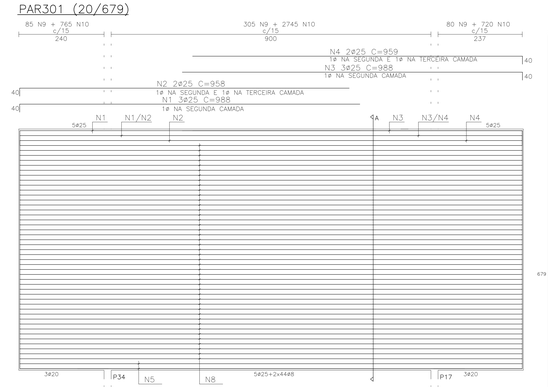
V305=V307=V309=V311=V314=V316=V318 (20/14ø60-20/60-20/60ø14) (7x)



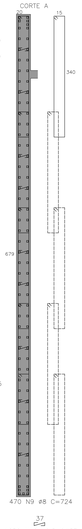
CORTE A

CORTE B

PAR301 (20/679)



CORTE A



V301=V303 (2x)				
N	ø	Q	UNI	TOTAL
1	20	3	718	2154
2	20	2	470	940
3	20	2	701	1402
4	20	2	420	840
5	20	3	713	2139
6	20	2	470	940
7	12.5	2	461	922
8	12.5	2	445	890
9	20	3	785	2355
10	20	2	570	1140
11	20	2	780	1560
12	20	1	370	370
13	20	2	780	1560
14	20	2	370	740
15	20	3	540	1620
16	20	2	780	1560
17	8	1	168	168
18	8			23256
19	6.3	146	154	22484
20	8	53	158	8374

V302=V304 (2x)				
N	ø	Q	UNI	TOTAL
1	20	3	700	2100
2	20	2	460	920
3	20	2	670	1340
4	20	2	460	920
5	16	2	822	1644
6	16	2	490	980
7	12.5	2	453	906
8	20	3	785	2355
9	20	2	520	1040
10	20	2	780	1560
11	20	1	340	340
12	20	2	780	1560
13	20	2	480	960
14	12.5	2	408	816
15	8		168	168
16	8			23256
17	6.3	144	154	22176
18	8	24	158	3792

V306=V308=V310=V315=V317=V319 (6x)

V312=V313=V320 (3x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	422	844
2	12.5	2	422	844
3	12.5	2	1160	2320
4	16	1	1000	2000
5	16	1	780	780
6	12.5	2	317	634
7	12.5	2	317	634
8	5			11555
9	5	71	152	10792
10	6.3	48	154	7392

PAR301				
N	ø	Q	UNI	TOTAL
1	25	3	988	2964
2	25	2	958	1916
3	25	3	988	2964
4	25	2	959	1918
5	25	5	1090	5450
6	20	3	748	2244
7	20	1	249	747
8	8	88	1444	127072
9	8	470	724	340280
10	6.3	4230	37	156510

V301=V303 (2x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	953	1906
2	12.5	2	780	1560
3	12.5	2	783	1566
4	12.5	2	787	1574
5	12.5	2	765	1530
6	12.5	2	765	1530
7	12.5	2	423	846
8	5			25704
9	5	196	192	37632

V302=V304 (2x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	953	1906
2	12.5	2	780	1560
3	12.5	2	953	1906
4	8	4	783	3132
5	8	4	679	2716
6	8	4	678	2712
7	8	4	679	2716
8	12.5	2	783	1566
9	12.5	2	787	1574
10	12.5	2	765	1530
11	12.5	2	423	846
12	5			25704
13	5	196	192	37632
14	5	196	94	18424

V303=V304 (2x)

V304=V316=V318 (7x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	845	1690
2	12.5	2	790	1580
3	12.5	1	740	740
4	5			7344
5	5	55	192	10560

V305=V307=V309=V311=V314=V316=V318 (7x)

V315=V317=V319 (6x)				
N	ø	Q	UNI	TOTAL
1	12.5	3	422	1266
2	12.5	3	422	1266
3	12.5	2	1160	2320
4	16	1	1000	2000
5	20	2	840	1680
6	12.5	2	330	660
7	12.5	2	330	660
8	5			11555
9	5	76	152	11552
10	5	48	154	7392

V312=V313=V320 (3x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	422	844
2	12.5	2	422	844
3	12.5	2	1160	2320
4	16	2	1000	2000
5	16	1	780	780
6	12.5	2	317	634
7	12.5	2	317	634
8	5			11555
9	5	71	153	10792
10	6.3	48	154	7392

V201=V202=V211=V212 (4x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	953	1906
2	12.5	2	780	1560
3	12.5	2	783	1566
4	12.5	2	787	1574
5	12.5	2	765	1530
6	12.5	2	765	1530
7	12.5	2	423	846
8	5			25704
9	5	196	192	37632

V203=V204=V209=V210 (4x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	941	1882
2	12.5	2	736	1472
3	12.5	2	941	1882
4	12.5	2	963	1926
5	12.5	2	740	1480
6	12.5	2	403	806
7	12.5	2	423	846
8	5			25872
9	5	196	132	25872

V205=V206=V207=V208 (4x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	953	1906
2	12.5	2	780	1560
3	12.5	2	953	1906
4	8	4	783	3132
5	8	4	679	2716
6	8	4	678	2712
7	8	4	679	2716
8	12.5	2	783	1566
9	12.5	2	787	1574
10	12.5	2	765	1530
11	12.5	2	423	846
12	5			25704
13	5	196	192	37632
14	5	196	94	18424

V213=V214 (2x)

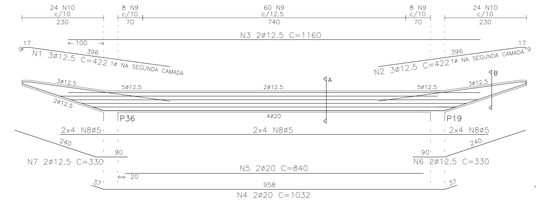
V215=V226-V231=V242 (24x)				
N	ø	Q	UNI	TOTAL
1	12.5	2	253	506
2	10	2	627	1254
3	20	4	864	3456
4	5	61	132	8052
5	8	3	235	705

V227 a V230 (4x)

V243				
N	ø	Q	UNI	TOTAL
1	12.5	2	643	1286
2	12.5	2	1104	2208
3	12.5	2	1104	2208
4	12.5	1	494	494
5	12.5	2	653	1306
6	12.5	2	817	1634
7	12.5	2	660	1320
8	12.5	2	956	1912
9	12.5	2	811	1622
10	12.5	2	660	1320
11	5	285	132	24420
12	8	3	235	705
13	8	3	235	705

RESUMO GERAL DA FOLHA			
AÇO	ø	COMPR(cm)	PESO(kg)
CA-50	6.3	1545076	2472
	8	1545810	6151
	8	556930	2228
	10	35112	221
	12.5	268334	3683
	16	23392	374
	20	196307	4908
	25	15212	608
PESO TOTAL (kg)			14109

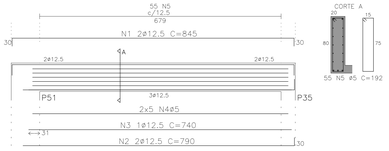
V306=V308=V310=V315=V317=V319 (20/14ø60-20/60-20/60ø14) (6x)



CORTE A

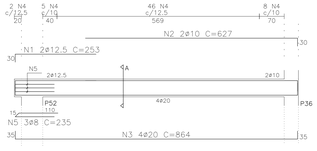
CORTE B

V213=V214 (20/80) (2x)



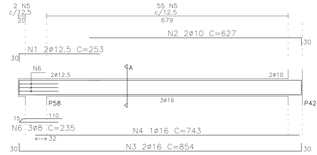
CORTE A

V215 a V226-V231 a V242 (20/50) (24x)



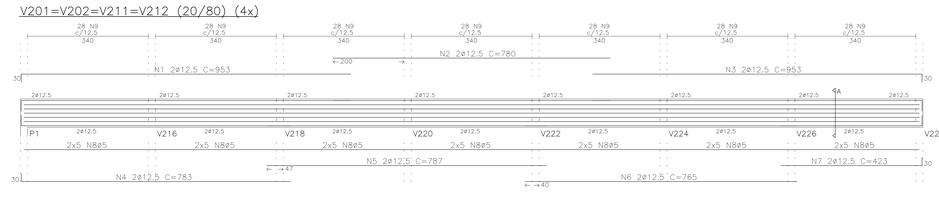
CORTE A

V227=V228=V229=V230 (20/50) (4x)



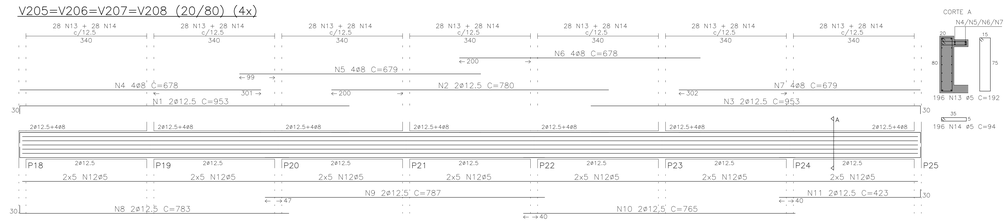
CORTE A

V201=V202=V211=V212 (20/80) (4x)



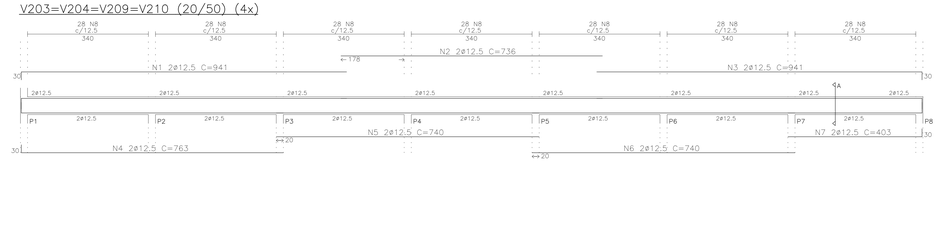
CORTE A

V205=V206=V207=V208 (20/80) (4x)



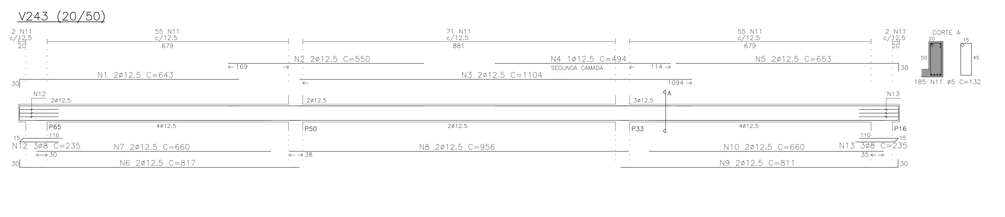
CORTE A

V203=V204=V209=V210 (20/50) (4x)



CORTE A

V243 (20/50)



CORTE A

Nº	AUTOR	REVISÃO	DATA

PREFEITURA DO MUNICÍPIO DE ITAPEVI

SECRETARIA DE INFRAESTRUTURA E SERVIÇOS URBANOS

Título: FATEC - ITAPEVI

Projeto: PROJETO DE REFORMA E AMPLIAÇÃO

Obra: CONSTRUÇÃO DE FACULDADE DE ENSINO SUPERIOR

Local do Imóvel: ROD. CEL. PM NELSON TRANCHESI, 51 - PARQUE SUBURBANO, ITAPEVI - SP, CEP 06696-110

Proprietário: PREFEITURA MUNICIPAL DE ITAPEVI

Marcos de Oliveira Anjos
Secretário de Infraestrutura e Serviços Urbanos
Prefeitura Municipal de Itapevi
CNPJ nº: 46.523.031.0001-28

Autor do Projeto e Responsável técnico
Engº Fábio das Virgens Júnior
CREA 5070331130-SP
RRT 28027230211307637

ASSUNTO: ARMAÇÃO DA COBERTURA E COBERTURA 1			Folha:
PAVIMENTO: COBERTURA	ESCALA: INDICADA	TIPO PROJETO: ESTRUTURA	10/15
ZONEAMENTO:	DATA: FEV / 2022	ETAPA: BÁSICO	
DESENHISTA:	IMPRESSO EM: 14/ 02/ 2022	REVISÃO: 00	