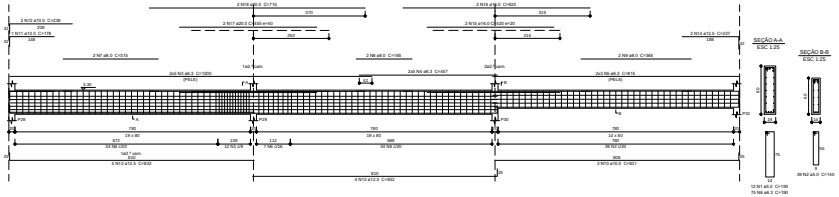
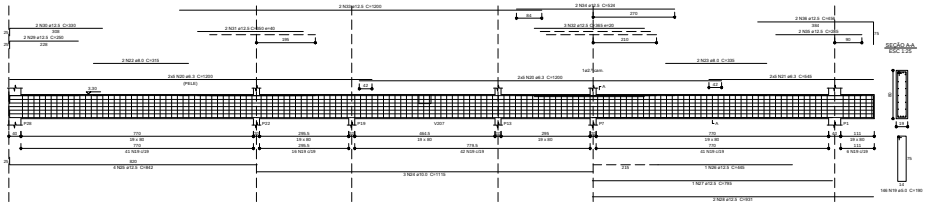
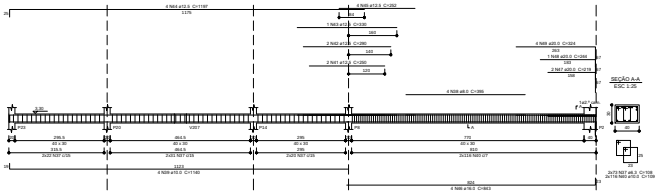
V212 (var)



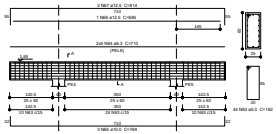
V213 (19 x 80)



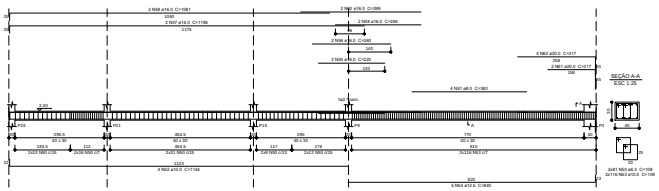
V214 (40 x 30)



V223 (25 x 60)



V217 (40 x 30)



Relação do aço

ELEMENTO	AÇO	N	DIAM	Q	UNIT	C TOTAL
V212	CA60	1	4.2	4	0.93	3.72
	CA60	2	5.0	56	1.40	54.60
	CA60	3	6.3	10	2.50	125.00
	CA60	4	6.3	32	.657	20.72
	CA60	5	6.3	2	1.97	3.94
	CA60	6	6.3	75	1.90	142.50
	CA60	7	8.0	2	3.01	6.02
	CA60	8	8.0	2	1.85	3.70
	CA60	9	8.0	2	3.86	7.72
	CA60	10	10.0	2	6.01	12.02
	CA60	11	10.0	1	1.78	1.78
	CA60	12	12.5	8	2.22	17.76
	CA60	13	12.5	8	4.02	32.16
	CA60	14	12.5	2	2.27	4.54
	CA60	15	16.0	2	4.20	8.40
	CA60	16	16.0	2	6.03	12.06
	CA60	17	20.0	2	7.43	14.86
	CA60	18	20.0	2	7.73	14.52
V213	CA60	19	5.0	146	1.90	277.40
	CA60	20	6.3	20	2.50	250.00
	CA60	21	6.3	32	3.01	3.01
	CA60	22	8.0	2	3.86	7.72
	CA60	23	8.0	2	3.01	6.02
	CA60	24	10.0	8	11.15	89.20
	CA60	25	12.5	4	8.42	33.68
	CA60	26	12.5	1	4.65	4.65
	CA60	27	12.5	1	7.81	7.81
	CA60	28	12.5	2	9.01	18.02
	CA60	29	12.5	2	10.21	20.42
	CA60	30	12.5	2	2.32	4.64
	CA60	31	12.5	2	3.50	7.00
	CA60	32	12.5	3	3.65	10.95
	CA60	33	12.5	2	12.03	24.06
	CA60	34	12.5	2	13.23	26.46
	CA60	35	12.5	2	2.85	5.70
	CA60	36	12.5	2	4.56	9.12
V214	CA60	37	6.3	136	1.90	1174.4
	CA60	38	8.0	4	3.85	15.40
	CA60	39	10.0	8	11.15	89.20
	CA60	40	10.0	232	1.09	252.88
	CA60	41	12.5	2	2.50	5.00
	CA60	42	12.5	2	2.90	5.80
	CA60	43	12.5	3	3.50	3.50
	CA60	44	12.5	8	3.97	47.64
	CA60	45	12.5	4	2.52	10.08
	CA60	46	12.5	4	3.15	12.60
	CA60	47	20.0	2	2.19	4.38
	CA60	48	20.0	1	2.41	2.41
	CA60	49	20.0	4	3.21	12.84
V217	CA60	50	6.3	182	1.09	1.09x
	CA60	51	8.0	4	1.85	7.40
	CA60	52	10.0	4	11.61	46.76
	CA60	53	10.0	232	1.09	252.88
	CA60	54	12.5	5	3.42	17.10
	CA60	55	16.0	2	2.10	4.20
	CA60	56	16.0	2	2.41	4.82
	CA60	57	16.0	2	1.09	2.18
	CA60	58	16.0	2	2.84	5.68
	CA60	59	16.0	2	1.09	2.18
	CA60	60	16.0	2	3.99	7.98
	CA60	61	20.0	2	2.19	4.38
	CA60	62	20.0	2	3.17	6.34
V223	CA60	63	5.0	64	1.62	71.28
	CA60	64	6.3	10	1.70	17.00
	CA60	65	10.0	3	7.98	23.94
	CA60	66	12.5	1	8.81	8.81
	CA60	67	12.5	2	8.14	16.28

Resumo do aço

AÇO	DIAM	C TOTAL	PESO (kg)
CA60	4.2	1372	342
	5.0	80	32
	10.0	891	550
	12.5	464	448
	16.0	196	256
	20.0	34	83
CA60	6.3	364	80
PESO TOTAL			
CA60			1991
CA60			80

0	EMISSÃO INICIAL		
REVISÃO	DESCRIÇÃO	DATA	VISTO

UIE
Unidade de Infraestrutura

OBRA: CAMPUS CEETEPS EM MONTE MOR
LOCAL: UIE - ETEC MONTE MOR
ESTRADA MONTE MOR X SUMARÉ, 2KM - MONTE MOR / SP
DISCIPLINA: ESTRUTURA
ESCALA: INDICADA
PRANCHA: EST-018/059
PROJETO BÁSICO
BLOCO ADMINISTRATIVO E PEDAGÓGICO

CEETEPSCAP202200672A

Autenticado com senha por LAILA CRISTINA DA SILVA FURLAN - Assessor Técnico Administrativo III / UIE/DE/DP - 03/01/2022 às 15:29:38.
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SIGA