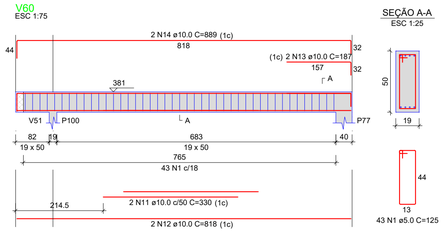

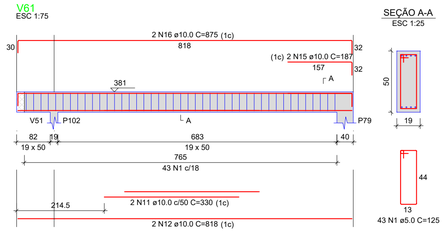

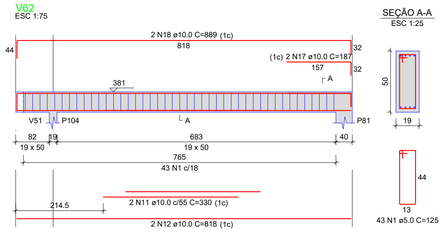

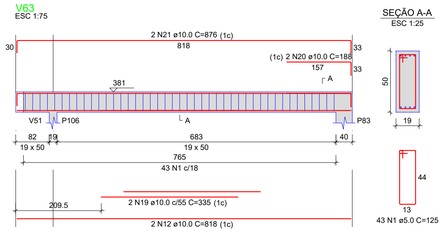

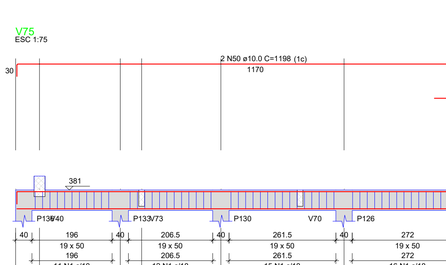

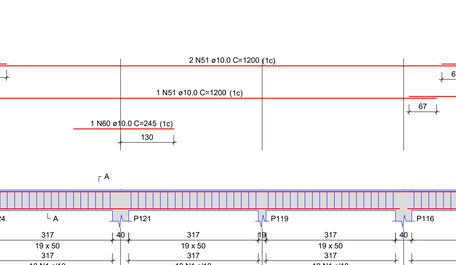

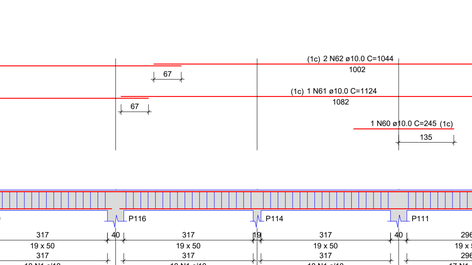

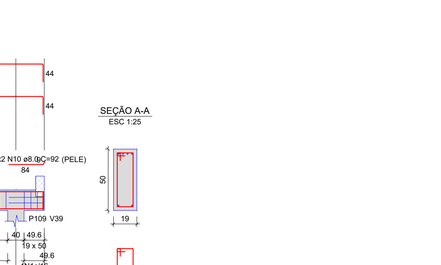

RELAÇÃO DO AÇO

V60	V61	V62
V63	V64	V65
V66	V67	V68
V69	V70	V71
V72	V73	V74
V75		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	90	95	8550
	2	6.3	22	95	2090
CA50	3	6.3	2	83	166
	4	6.3	2	98	196
	5	8.0	4	99	396
	6	8.0	4	61	244
	7	8.0	4	244	488
	8	8.0	4	296	1184
	9	8.0	4	293	1172
	10	8.0	4	92	368
	11	10.0	2	330	660
	12	10.0	14	818	11452
	13	10.0	2	167	334
	14	10.0	2	889	1778
	15	10.0	2	875	1750
	16	10.0	2	876	1752
	17	10.0	2	187	374
	18	10.0	2	889	1778
	19	10.0	2	335	670
	20	10.0	2	186	372
	21	10.0	2	876	1752
	22	10.0	2	308	616
	23	10.0	4	308	1232
	24	10.0	1	230	230
	25	10.0	2	186	372
	26	10.0	2	888	1776
	27	10.0	2	296	592
	28	10.0	2	140	280
	29	10.0	2	358	716
	30	10.0	2	348	696
	31	10.0	2	265	530
	32	10.0	2	890	1780
	33	10.0	4	315	1260
	34	10.0	2	194	388
	35	10.0	2	872	1744
	36	10.0	2	194	388
	37	10.0	2	872	1744
	38	10.0	2	370	740
	39	10.0	2	187	374
	40	10.0	2	190	380
	41	10.0	2	245	490
	42	10.0	2	873	1746
	43	10.0	2	835	1670
	44	10.0	2	887	1774
	45	10.0	2	784	1568
	46	10.0	2	877	1754
	47	10.0	2	911	1822
	48	10.0	1	200	200
	49	10.0	2	200	400
	50	10.0	4	1198	4792
	51	10.0	2	1200	2400
	52	10.0	2	583	1166
	53	10.0	2	365	730
	54	10.0	2	826	1652
	55	10.0	2	150	150
	56	10.0	2	888	1776
	57	10.0	2	1103	2206
	58	10.0	2	1030	2060
	59	10.0	2	1094	2188
	60	10.0	1	245	490
	61	10.0	1	1124	1124
	62	10.0	1	1044	1044

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	2.3	0.6
	8.0	33.6	13.2
	10.0	772.8	476.5
CA60	5.0	1027.2	158.3
PESO TOTAL (kg)			
CA50	490.3		
CA60	158.3		

Volume de concreto (C-30) = 14.91 m³
Área de forma = 187.95 m²

PREFEITURA MUNICIPAL DE BADY BASSITT - SP
CNPJ 45.093.267/0001-09

CRS ENGENHARIA

Descrição:
ESTRUTURA DE CONCRETO
EDIFICAÇÃO: DET. VIGAS SUPERIORES 05-06

Folha: CON 16/31

Objeto:
CONSTRUÇÃO DE UMA ESCOLA DE ENSINO FUNDAMENTAL I NA ÁREA INSTITUCIONAL DO JARDIM TANGARÁ, EM BADY BASSIT - SP

Proprietário:
PREFEITURA MUNICIPAL DE BADY BASSITT - SP

Endereço:
ENTRE RUA 02 E RUA 03, LOTEAMENTO JD. TANGARÁ

Município: BADY BASSITT — Estado: SP

Matrícula / Transcrição: - — Contrato nº: -

Coordenadas Geográficas / SAD69:
20°55'35.8"S 49°27'52.0"W

Escala: INDICADAS — Data: 04/11/2021 — Data Última Revisão: - — ART nº: 2.802.723.021.146.630-9

Autor Projeto:
JOSIMAR NASCIMENTO RODRIGUES:04232774130
Assinado de forma digital por JOSIMAR NASCIMENTO RODRIGUES:04232774130
Dados: 2021.11.04 13:51:12 -03'00'
JOSIMAR NASCIMENTO RODRIGUES
ENGENHEIRO CIVIL
CREA: 5.070.631.604-SP

Propietário:
LUIZ ANTONIO TOBARDINI
PREFEITO MUNICIPAL