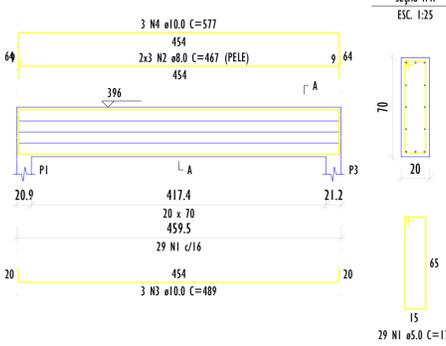
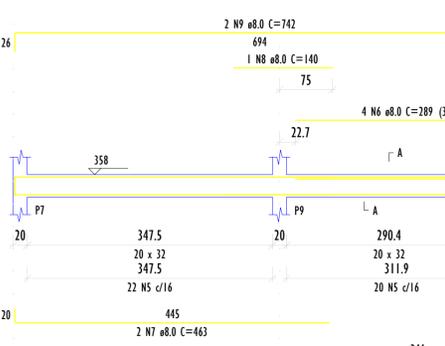


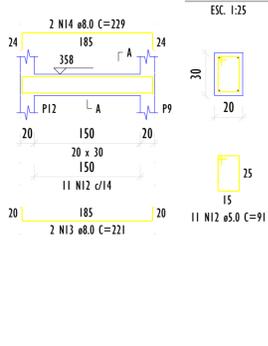
VI (20 x 70)
ESC. 1:50



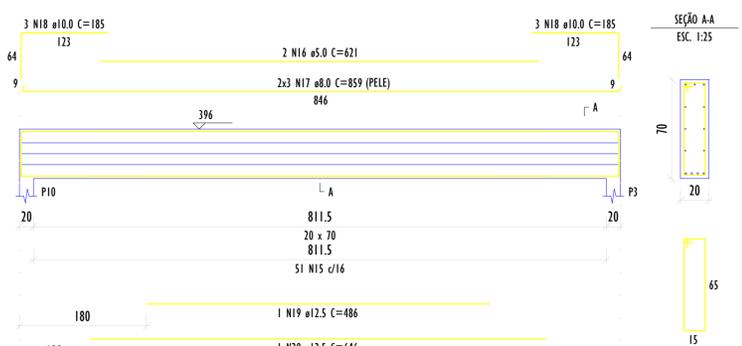
V2 (20 x 32)
ESC. 1:50



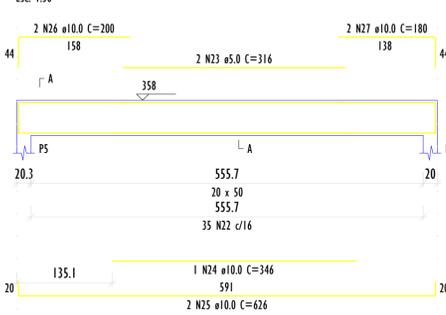
V3 (20 x 30)
ESC. 1:50



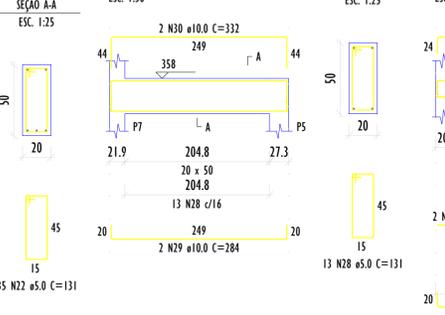
V4 (20 x 70)
ESC. 1:50



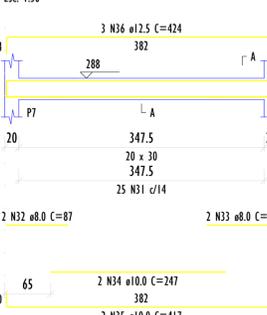
V5 (20 x 50)
ESC. 1:50



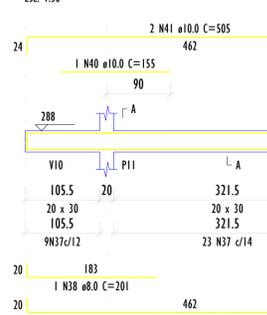
V6 (20 x 50)
ESC. 1:50



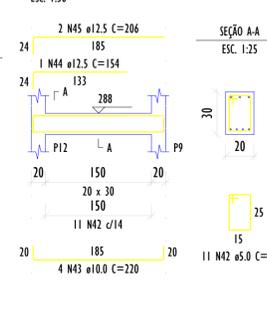
V7 (20 x 30)
ESC. 1:50



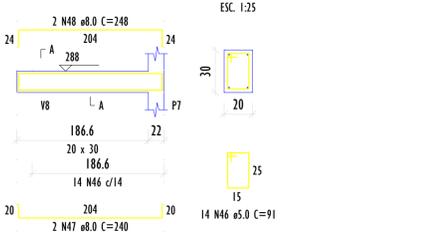
V8 (20 x 30)
ESC. 1:50



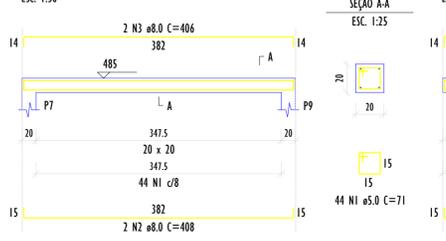
V9 (20 x 30)
ESC. 1:50



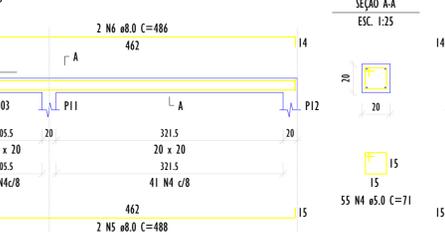
V10 (20 x 30)
ESC. 1:50



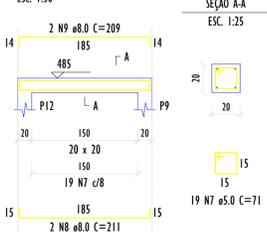
V100 (20 x 20)
ESC. 1:50



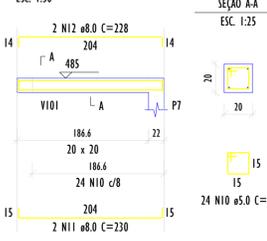
V101 (20 x 20)
ESC. 1:50



V102 (20 x 20)
ESC. 1:50



V103 (20 x 20)
ESC. 1:50



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V100	CA60	1	5.0	44	71	3124
	CASO	2	8.0	2	408	816
	CASO	3	8.0	2	406	812
V101	CA60	4	5.0	55	71	3905
	CASO	5	8.0	2	488	976
	CASO	6	8.0	2	486	972
V102	CA60	7	5.0	19	71	1349
	CASO	8	8.0	2	211	422
	CASO	9	8.0	2	209	418
V103	CA60	10	5.0	24	71	1704
	CASO	11	8.0	2	230	460
	CASO	12	8.0	2	228	456

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0%	UNIT	PESO + 0%
CASO	8.0	53.3	5	12 m	21
CA60	5.0	100.8	9	12 m	15.5
PESO TOTAL (kg)					
CASO					21
CA60					15.5

Volume de concreto (C-30) = 0.44 m³
Área de forma = 6.61 m²

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	CA60	1	5.0	29	171	4959
	CASO	2	8.0	6	467	2802
	CASO	3	10.0	3	489	1467
V2	CA60	4	5.0	42	577	1731
	CASO	5	8.0	4	399	1154
	CASO	6	8.0	4	389	1154
V3	CA60	7	8.0	2	463	926
	CASO	8	8.0	1	140	140
	CASO	9	8.0	2	742	1484
V4	CA60	10	12.5	1	261	261
	CASO	11	12.5	2	486	972
	CASO	12	5.0	11	91	1001
V5	CA60	13	8.0	2	221	442
	CASO	14	8.0	2	229	458
	CA60	15	5.0	51	171	8721
V6	CA60	16	5.0	2	474	948
	CASO	17	8.0	6	839	5034
	CASO	18	10.0	4	185	740
V7	CA60	19	12.5	1	486	486
	CASO	20	12.5	1	646	646
	CASO	21	12.5	2	880	1760
V8	CA60	22	5.0	35	131	4585
	CA60	23	5.0	2	316	632
	CASO	24	10.0	1	346	346
V9	CA60	25	10.0	2	626	1252
	CASO	26	10.0	2	200	400
	CASO	27	10.0	2	180	360
V10	CA60	28	5.0	13	191	658
	CASO	29	10.0	2	284	568
	CASO	30	10.0	2	332	664
V11	CA60	31	5.0	25	91	2275
	CASO	32	8.0	2	87	174
	CASO	33	8.0	2	98	196
V12	CA60	34	10.0	2	247	494
	CASO	35	10.0	2	417	834
	CASO	36	12.5	3	424	1272
V13	CA60	37	5.0	32	91	2912
	CASO	38	8.0	1	201	201
	CASO	39	8.0	2	498	996
V14	CA60	40	10.0	1	155	155
	CASO	41	10.0	2	505	1010
	CA60	42	5.0	11	91	1001
V15	CA60	43	10.0	4	220	880
	CASO	44	12.5	1	154	154
	CASO	45	12.5	2	206	412
V16	CA60	46	5.0	14	91	1274
	CASO	47	8.0	2	240	480
	CASO	48	8.0	2	248	496

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0%	UNIT	PESO + 0%
CASO	8.0	151.1	13	12 m	59.6
CA60	10.0	112.7	10	12 m	69.5
CA60	5.0	342.9	29	12 m	52.9
PESO TOTAL (kg)					
CASO					185
CA60					52.9

Volume de concreto (C-30) = 3.70 m³
Área de forma = 43.29 m²

ProSen Projetos & Serviços de Engenharia Ltda.

Prefeitura Municipal Santa Cruz do Escalvado
ESTADO DE MINAS GERAIS
Administração 2025-2028

REFORMA DO CORETO DA PRAÇA CÔNEGO JOSÉ LUCIANO

NO OBRERAÇÃO

DATA: **AGO 25**

RESPONSÁVEL TÉCNICO PELO PROJETO: **Eng. Civil WILSON DIAS DA FONSECA JR.** ÁREA: **61.924 / D**

PREFEITO MUNICIPAL: **GILMAR DE PAULA LIMA** CPF: **697.293.526-15**

CONTÉM: **DETALHAMENTOS ESTRUTURAIS** ESCALA: **Indicadas**

LOCALIZAÇÃO: **Rua Capitão Luiz Sette, Bairro Centro, Santa Cruz Esc.** FOLHA: **05/05**

PRECATORIA: **RECURSOS PRÓPRIOS**