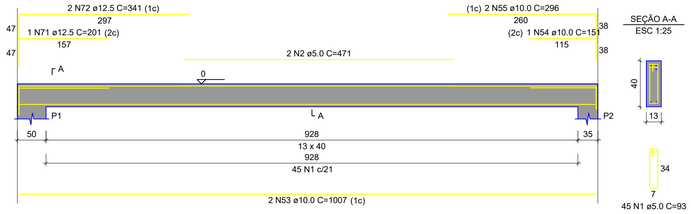
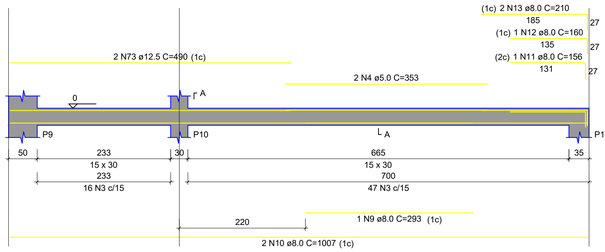
V1
ESC 1:50

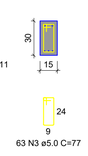


SEÇÃO A-A
ESC 1:25

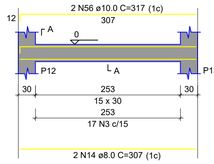
V2
ESC 1:50



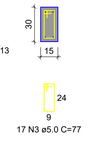
SEÇÃO A-A
ESC 1:25



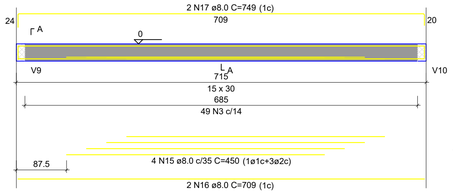
V3
ESC 1:50



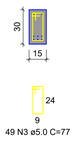
SEÇÃO A-A
ESC 1:25



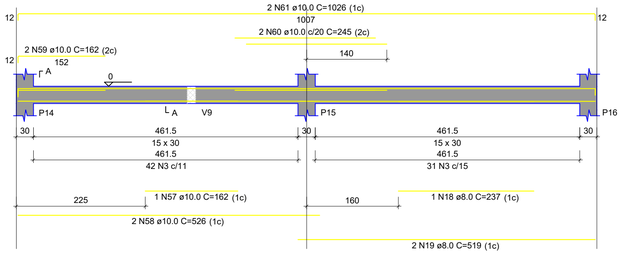
V4
ESC 1:50



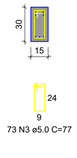
SEÇÃO A-A
ESC 1:25



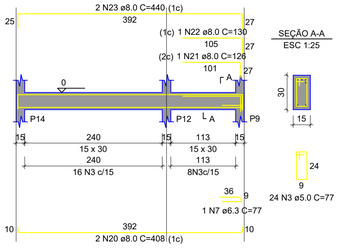
V5
ESC 1:50



SEÇÃO A-A
ESC 1:25

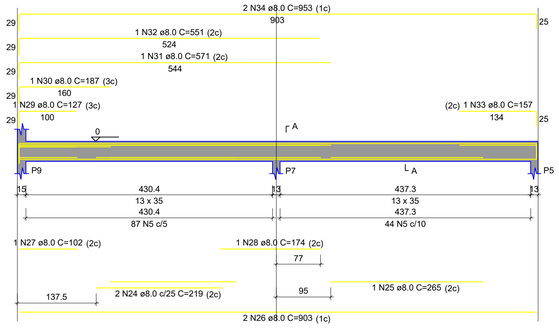


V6
ESC 1:50

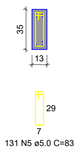


SEÇÃO A-A
ESC 1:25

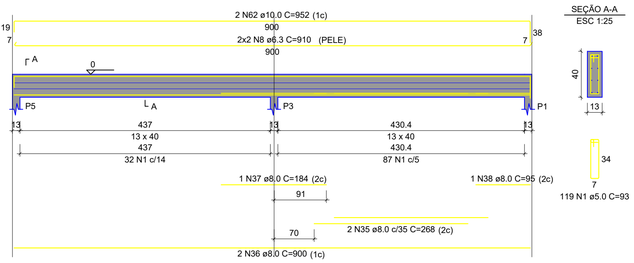
V7
ESC 1:50



SEÇÃO A-A
ESC 1:25

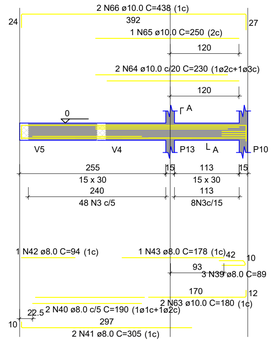


V8
ESC 1:50

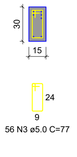


SEÇÃO A-A
ESC 1:25

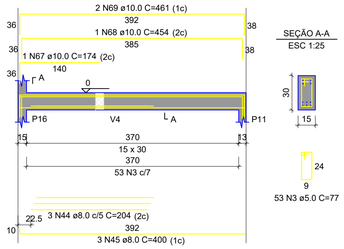
V9
ESC 1:50



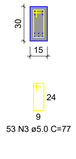
SEÇÃO A-A
ESC 1:25



V10
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8 V9
V10 V11 V12

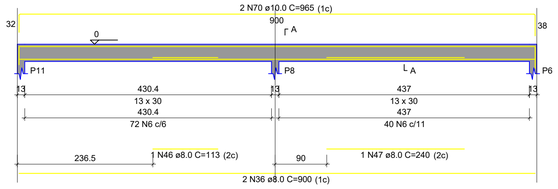
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	164	93	15252
	2	5.0	2	471	942
	3	5.0	335	77	25795
	4	5.0	2	353	706
	5	5.0	131	83	10873
	6	5.0	214	73	15622
CA50	7	6.3	1	77	77
	8	6.3	4	910	3640
	9	8.0	1	293	293
	10	8.0	2	1007	2014
	11	8.0	1	156	156
	12	8.0	1	160	160
	13	8.0	2	210	420
	14	8.0	2	307	614
	15	8.0	4	450	1800
	16	8.0	2	709	1418
	17	8.0	2	749	1498
	18	8.0	1	237	237
	19	8.0	2	519	1038
	20	8.0	2	408	816
	21	8.0	1	126	126
	22	8.0	1	130	130
	23	8.0	2	440	880
	24	8.0	2	219	438
	25	8.0	1	265	265
	26	8.0	2	903	1806
	27	8.0	1	102	102
	28	8.0	1	174	174
	29	8.0	1	127	127
	30	8.0	1	187	187
	31	8.0	1	571	571
	32	8.0	1	551	551
	33	8.0	1	157	157
	34	8.0	2	953	1906
	35	8.0	2	268	536
	36	8.0	4	900	3600
	37	8.0	1	184	184
	38	8.0	1	95	95
	39	8.0	3	89	267
	40	8.0	4	190	760
	41	8.0	2	305	610
	42	8.0	1	94	94
	43	8.0	1	178	178
	44	8.0	3	204	612
	45	8.0	3	400	1200
	46	8.0	1	113	113
	47	8.0	1	240	240
	48	8.0	1	239	239
	49	8.0	2	901	1802
	50	8.0	1	117	117
	51	8.0	2	117	234
	52	8.0	2	947	1894
	53	10.0	2	1007	2014
	54	10.0	1	151	151
	55	10.0	2	296	592
	56	10.0	2	317	634
	57	10.0	1	162	162
	58	10.0	2	526	1052
	59	10.0	2	162	324
	60	10.0	2	245	490
	61	10.0	2	1026	2052
	62	10.0	2	952	1904
	63	10.0	2	180	360
	64	10.0	2	230	460
	65	10.0	1	250	250
	66	10.0	2	438	876
	67	10.0	1	174	174
	68	10.0	1	454	454
	69	10.0	2	461	922
	70	10.0	2	965	1930
	71	12.5	1	201	201
	72	12.5	2	341	682
	73	12.5	2	490	980

RESUMO DO AÇO

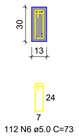
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	37.2	10
	8.0	306.6	133.1
	10.0	148	100.4
	12.5	18.6	19.7
CA60	5.0	691.9	117.3
PESO TOTAL (kg)			
CA50	263.2		
CA60	117.3		

Volume de concreto (C-25) = 3.74 m³
Área de forma = 65.50 m²

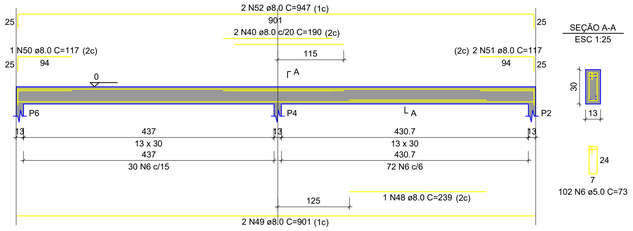
V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



V12
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V1 V2 V3
V4

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	49	77	3773
CA50	2	6.3	6	77	462
	3	8.0	8	307	2456
	4	8.0	5	153	765
	5	8.0	1	137	137
	6	8.0	2	187	374
	7	8.0	2	178	356

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	4.6	1.2
	8.0	40.9	17.7
CA60	5.0	37.7	6.4
PESO TOTAL (kg)			
CA50	19		
CA60	6.4		

Volume de concreto (C-25) = 0.32 m³
Área de forma = 5.34 m²

RELAÇÃO DO AÇO

V1 V2 V3
V4 V5

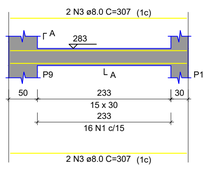
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	127	77	9779
CA50	2	8.0	4	307	1228
	3	8.0	4	343	1372
	4	8.0	1	232	232
	5	8.0	1	237	237
	6	8.0	2	1007	2014
	7	8.0	2	408	816
	8	8.0	2	428	856
	9	8.0	2	153	306
	10	8.0	2	173	346
	11	10.0	1	240	240
	12	10.0	2	1071	2142

RESUMO DO AÇO

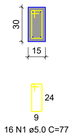
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	74.1	32.1
	10.0	23.8	16.2
CA60	5.0	97.8	16.6
PESO TOTAL (kg)			
CA50	48.3		
CA60	16.6		

Volume de concreto (C-25) = 0.84 m³
Área de forma = 14.06 m²

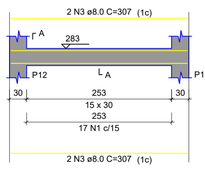
V1
ESC 1:50



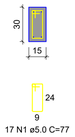
SEÇÃO A-A
ESC 1:25



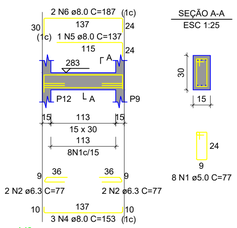
V2
ESC 1:50



SEÇÃO A-A
ESC 1:25

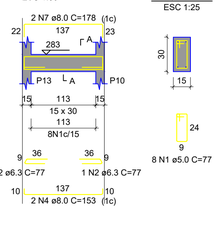


V3
ESC 1:50



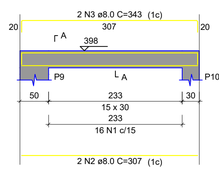
SEÇÃO A-A
ESC 1:25

V4
ESC 1:50

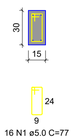


SEÇÃO A-A
ESC 1:25

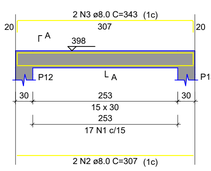
V1
ESC 1:50



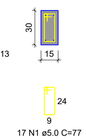
SEÇÃO A-A
ESC 1:25



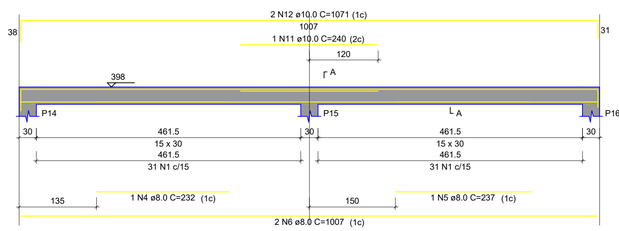
V2
ESC 1:50



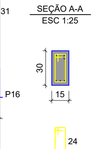
SEÇÃO A-A
ESC 1:25



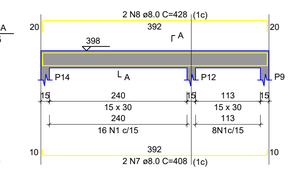
V3
ESC 1:50



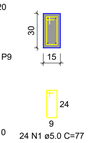
SEÇÃO A-A
ESC 1:25



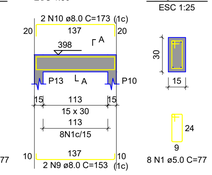
V4
ESC 1:50



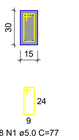
SEÇÃO A-A
ESC 1:25



V5
ESC 1:50



SEÇÃO A-A
ESC 1:25



PROJETO ESTRUTURAL

OBRA:
EDIFICAÇÃO RESIDENCIAL

ÁREA EXISTENTE:
0,00 m²

ÁREA A CONSTRUIR:
221,38 m²

LOCAL
Rua Travessa 4, S/N, Centro, Santa Carmem -MT
LOTES S/N - QUADRA S-15

EQUIPE TÉCNICA:
EQUIPE QUE PARTICIPOU DO PROJETO

PROPRIETÁRIO
PREFEITURA MUNICIPAL DE SANTA CARMEM
CNPJ: 37.465.283/0001-57

RESP. TÉCNICO - ARQUITETO
PABLO FELIX BETTONI
Arquiteta e Urbanista CAU nº: A161000-7

CONTEÚDO:
DETALHE DAS VIGAS BALDRAME 8 A 14

PROJETO
ESTRUTURAL

ESCALA
INDICADA

DESENHISTA
PABLO BETTONI

DATA
JULHO/2025

FOLHA
05 / 05

DIREITOS AUTORAIS RESERVADOS. PROIBIDA A REPRODUÇÃO TOTAL OU PARCIAL.