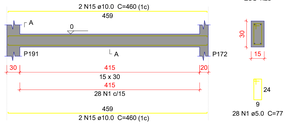
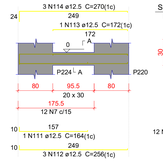
VT254
ESC 1:50

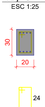


SEÇÃO A-A
ESC 1:25

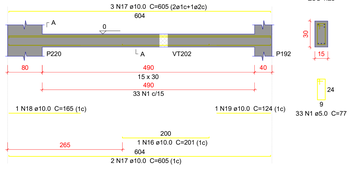
VT255
ESC 1:50



SEÇÃO A-A
ESC 1:25

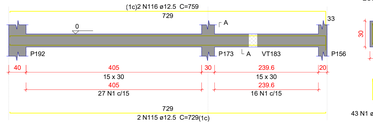


VT256
ESC 1:50

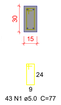


SEÇÃO A-A
ESC 1:25

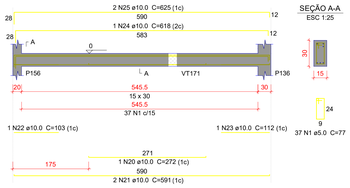
VT257
ESC 1:50



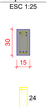
SEÇÃO A-A
ESC 1:25



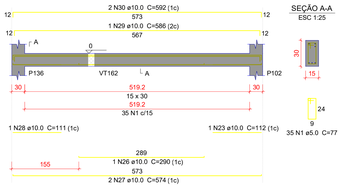
VT258
ESC 1:50



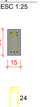
SEÇÃO A-A
ESC 1:25



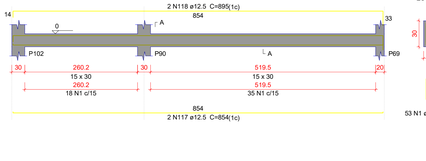
VT259
ESC 1:50



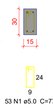
SEÇÃO A-A
ESC 1:25



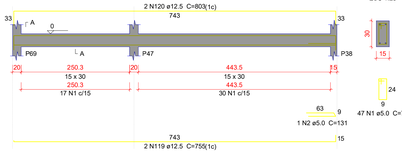
VT260
ESC 1:50



SEÇÃO A-A
ESC 1:25

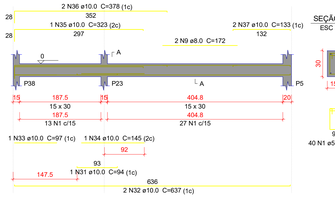


VT261
ESC 1:50

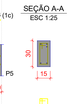


SEÇÃO A-A
ESC 1:25

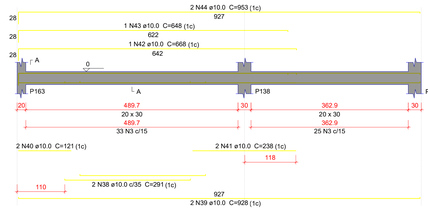
VT262
ESC 1:50



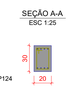
SEÇÃO A-A
ESC 1:25



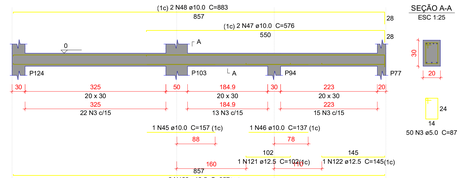
VT263
ESC 1:50



SEÇÃO A-A
ESC 1:25

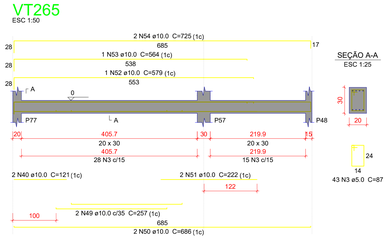


VT264
ESC 1:50



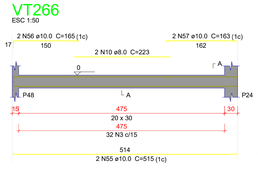
SEÇÃO A-A
ESC 1:25

VT265
ESC 1:50

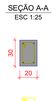


SEÇÃO A-A
ESC 1:25

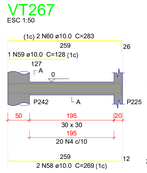
VT266
ESC 1:50



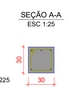
SEÇÃO A-A
ESC 1:25



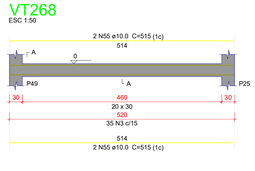
VT267
ESC 1:50



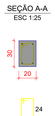
SEÇÃO A-A
ESC 1:25



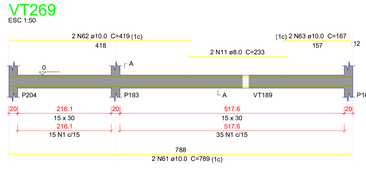
VT268
ESC 1:50



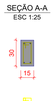
SEÇÃO A-A
ESC 1:25



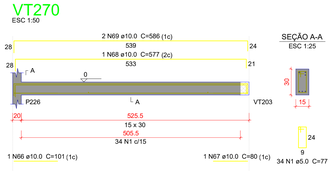
VT269
ESC 1:50



SEÇÃO A-A
ESC 1:25

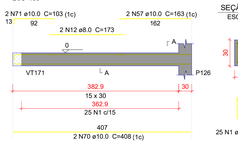


VT270
ESC 1:50

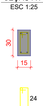


SEÇÃO A-A
ESC 1:25

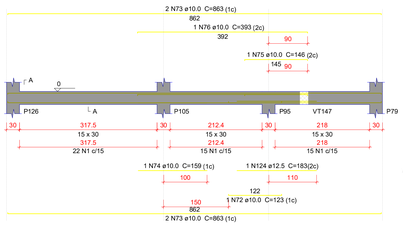
VT271
ESC 1:50



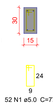
SEÇÃO A-A
ESC 1:25



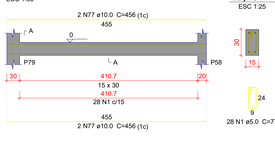
VT272
ESC 1:50



SEÇÃO A-A
ESC 1:25

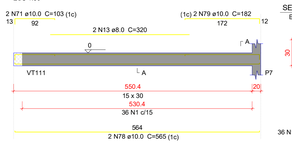


VT273
ESC 1:50

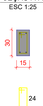


SEÇÃO A-A
ESC 1:25

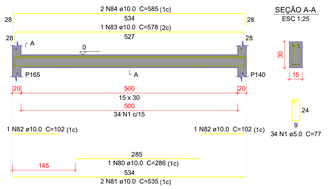
VT274
ESC 1:50



SEÇÃO A-A
ESC 1:25

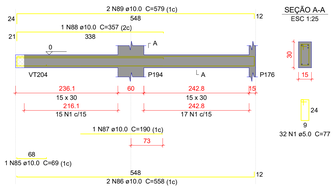


VT275
ESC 1:50



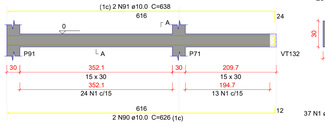
SEÇÃO A-A
ESC 1:25

VT276
ESC 1:50



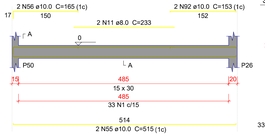
SEÇÃO A-A
ESC 1:25

VT277
ESC 1:50



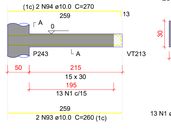
SEÇÃO A-A
ESC 1:25

VT278
ESC 1:50



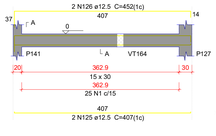
SEÇÃO A-A
ESC 1:25

VT279
ESC 1:50



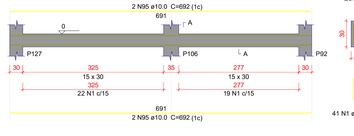
SEÇÃO A-A
ESC 1:25

VT280
ESC 1:50



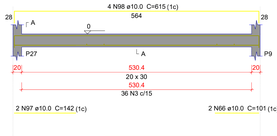
SEÇÃO A-A
ESC 1:25

VT281
ESC 1:50



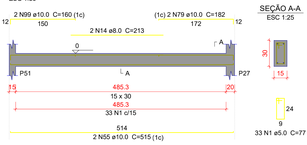
SEÇÃO A-A
ESC 1:25

VT282
ESC 1:50



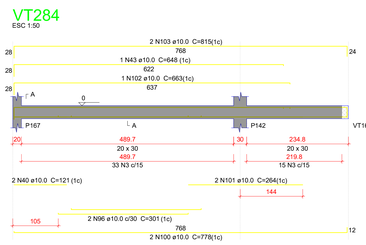
SEÇÃO A-A
ESC 1:25

VT283
ESC 1:50

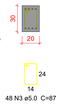


SEÇÃO A-A
ESC 1:25

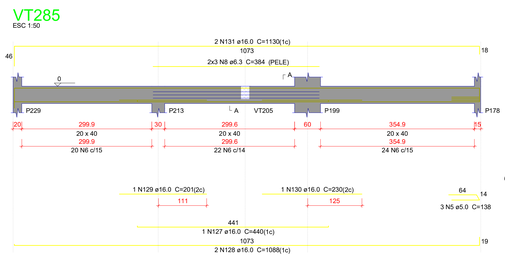
VT284
ESC 1:50



SEÇÃO A-A
ESC 1:25

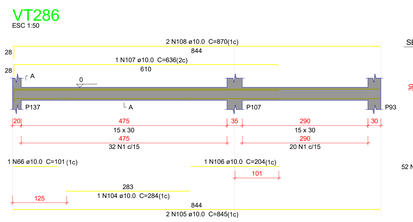


VT285
ESC 1:50

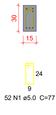


SEÇÃO A-A
ESC 1:25

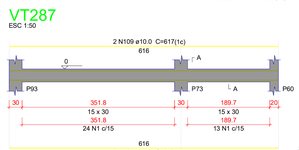
VT286
ESC 1:50



SEÇÃO A-A
ESC 1:25

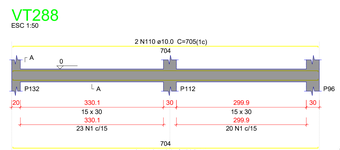


VT287
ESC 1:50



SEÇÃO A-A
ESC 1:25

VT288
ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

VT254	VT255	VT256
VT257	VT258	VT259
VT260	VT261	VT262
VT263	VT264	VT265
VT266	VT267	VT268
VT269	VT270	VT271
VT272	VT273	VT274
VT275	VT276	VT277
VT278	VT279	VT280
VT281	VT282	VT283
VT284	VT285	VT286
VT287	VT288	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	921	77	70917
	2	5.0	1	131	131
	3	5.0	302	87	26274
	4	5.0	20	107	2140
	5	5.0	3	138	414
	6	5.0	66	107	7062
CA50	7	6.3	12	88	1056
	8	6.3	6	384	2304
	9	8.0	2	172	344
	10	8.0	2	223	446
	11	8.0	4	233	932
	12	8.0	2	173	346
	13	8.0	2	320	640
	14	8.0	2	213	426
	15	10.0	4	460	1840
	16	10.0	1	201	201
	17	10.0	5	605	3025
	18	10.0	1	165	165
	19	10.0	1	124	124
	20	10.0	1	272	272
	21	10.0	2	591	1182
	22	10.0	1	103	103
	23	10.0	2	112	224
	24	10.0	1	618	618
	25	10.0	1	625	625
	26	10.0	1	290	290
	27	10.0	2	574	1148
	28	10.0	1	111	111
	29	10.0	1	586	586
	30	10.0	2	592	1184
	31	10.0	1	94	94
	32	10.0	2	637	1274
	33	10.0	1	97	97
	34	10.0	1	145	145
	35	10.0	1	323	323
	36	10.0	2	378	756
	37	10.0	2	133	266
	38	10.0	2	291	582
	39	10.0	2	928	1856
	40	10.0	6	121	726
	41	10.0	2	238	476
	42	10.0	4	668	668
	43	10.0	2	648	1296
	44	10.0	2	953	1906
	45	10.0	1	157	157
	46	10.0	1	137	137
	47	10.0	2	576	1152
	48	10.0	2	883	1766
	49	10.0	2	257	514
	50	10.0	2	686	1372
	51	10.0	2	222	444
	52	10.0	1	579	579
	53	10.0	1	564	564
	54	10.0	5	725	1450
	55	10.0	10	515	5150
	56	10.0	4	165	660
	57	10.0	4	163	652
	58	10.0	2	269	538
	59	10.0	1	128	128
	60	10.0	2	283	566
	61	10.0	2	789	1578
	62	10.0	2	419	838
	63	10.0	2	167	334
	64	10.0	1	276	276
	65	10.0	2	540	1080
	66	10.0	4	101	404
	67	10.0	1	80	80
	68	10.0	1	577	577
	69	10.0	2	586	1172
	70	10.0	2	408	816
	71	10.0	4	103	412
	72	10.0	1	123	123
	73	10.0	4	863	3452
	74	10.0	1	159	159
	75	10.0	1	146	146
	76	10.0	1	383	383
	77	10.0	4	456	1824
	78	10.0	4	562	2260
	79	10.0	4	182	728
	80	10.0	1	286	286
	81	10.0	2	535	1070
	82	10.0	2	102	204
	83	10.0	2	578	1156
	84	10.0	2	585	1170
	85	10.0	1	69	69
	86	10.0	2	558	1116
	87	10.0	1	190	190
	88	10.0	1	357	357
	89	10.0	2	579	1158
	90	10.0	2	626	1252
	91	10.0	2	638	1276
	92	10.0	2	153	306
	93	10.0	2	260	520
	94	10.0	2	270	540
	95	10.0	4	692	2768
	96	10.0	4	301	1204
	97	10.0	2	142	284
	98	10.0	4	615	2460
	99	10.0	2	160	320
	100	10.0	2	778	1556
	101	10.0	2	264	528
	102	10.0	1	663	663
	103	10.0	2	815	1630
	104	10.0	1	284	284
	105	10.0	2	845	1690
	106	10.0	1	204	204
	107	10.0	1	636	636
	108	10.0	2	870	1740
	109	10.0	4	617	2468
	110	10.0	4	705	2820
	111	12.5	1	164	164
	112	12.5	3	256	768
	113	12.5	1	172	172
	114	12.5	3	270	810
	115	12.5	2	729	1458
	116	12.5	2	759	1518
	117	12.5	2	854	1708
	118	12.5	2	895	1790
	119	12.5	2	755	1510
	120	12.5	2	803	1606
	121	12.5	1	102	102
	122	12.5	1	145	145
	123	12.5	2	857	1714
	124	12.5	1	183	183
	125	12.5	2	407	814
	126	12.5	2	452	904
	127	16.0	1	440	440
	128	16.0	2	1088	2176
	129	16.0	1	201	201
	130	16.0	1	230	230
	131	16.0	2	1130	2260

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	33.6	9
	8.0	31.4	13.6
	10.0	866.2	587.4
	12.5	153.7	162.8
	16.0	53.1	92.1
CA60	5.0	1069.4	181.3
PESO TOTAL (kg)			
CA50	865		
CA60	181.3		

Volume de concreto (C-35) = 9.79 m³
Área de forma = 149.63 m²

Caracteristicas do Projeto

1 – COBRIMENTO DAS ARMADURAS – PILARES E VIGAS: 3 cm
2 – COBRIMENTO DAS ARMADURAS – LAJES E ESCADAS: 3 cm
3 – COBRIMENTO DAS ARMADURAS – FUNDAÇÃO: 4.5 cm
4– PREVER LASTRO DE CONCRETO MAGRO (5 cm) SOB AS ESTRUTURAS EM CONCRETO.
5 – OS VENTOS INCIDENTES NAS FACES X (90°) E Y (0°) , RESPECTIVAMENTE, NÃO OCORREM SIMULTANEAMENTE.

NOTAS 1 : DURABILIDADE

1 – CLASSE DE AGRESSIVIDADE AMBIENTAL: II
2 – MÓDULO DE ELASTICIDADE > 35,42 GPa
3 – FATOR A/C < 0,4
4 – AÇO CA 50A e CA 60B
5 – CONCRETO CLASSE > 35 MPa
6 – CONSUMO DE CIMENTO > 350 Kg/m3

NOTAS 2 : NORMAS

– NBR 06118 – 2023 – Projeto de Estruturas de Concreto armado
– NBR 06120 – 2019 – Cargas para o Cálculo de Estruturas de edificações – Procedimento
– NBR 06123 – 2023 – Forças Devidas do Vento em Edificações
– NBR 8681 – 2003 – Ações e Segurança nas Estruturas
– NBR 6122 – 2022 – Projeto e execução de Fundações

LEGENDA DA PLANTA DE LOCAÇÃO

A ORIENTAÇÃO DOS EIXOS DOS PILARES
1 ORIENTAÇÃO DOS EIXOS DOS PILARES

NOTAS 3 : GERAIS

1 – Dimensões em Centímetros e Níveis em metros
2 – Conferir as disposição das armaduras antes da concretagem.
3 – A Responsabilidade pela fiscalização da obra é do Eng° resp Técnico.
4 – Aconselhamos motalgem de corpos de prova para cada caminhão betoneira.
5 – Respeitar os prazos mínimos para retirada de formas e escoramentos.
6 – Evitar romper concreto após endurecido, com marreta e talhadeira.
7 – Toda e qualquer alteração no respectivo projeto, o Calculista deverá ser consultado e o mesmo deverá emitir seu parecer por escrito.

PLANTA CHAVE DE SITUAÇÃO

Itacoatiara
PREFEITURA

RESPONSÁVEIS PELO PROJETO	
NOME 01	
NOME 02	
NOME 03	RAIMUNDO NONATO BELO SOARES - ENGENHEIRO CIVIL
	CREA - 4274-D AM RR

REVISÃO	DATA DE REVISÃO	DESCRIÇÃO
R0	02/12/2025	EMISSÃO INICIAL

TÍTULO DO PROJETO
Construção de uma Policlínica Regional no Município de Itacoatiara/AM.

RESPONSÁVEL
MUNICÍPIO DE ITACOATIARA

ENDEREÇO
Q4 2411 980/DQ321-75 AVENIDA PEDRO MAIA, 3355, BAIRRO - SÃO FRANCISCO - ITACOATIARA - AM CEP 69.101-389

DISCIPLINA
ESTRUTURAL

PRANCHA 30/62

DETALHAMENTO DAS VIGAS EM CONCRETO ARMADO NÍVEL DO PAVIMENTO TÉRREO

PROJETO EXECUTIVO

NOME DO ARQUIVO	ESCALA	UNIDADE	DATA	ESCALA
MS_POLICLÍNICA_EST-30	REG.	METROS	02/12/2025	INDICADA

AUTOR(A) RESPONSÁVEL	REGISTRO
KAYO HENRIQUE MOREIRA	199774/D

FOLHA A0 841 x 1189

DIREITOS AUTORAIS RESERVADOR CONFORME LEGISLAÇÃO NACIONAL E INTERNACIONAL.