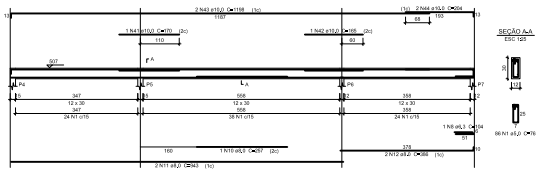
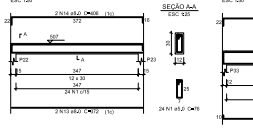
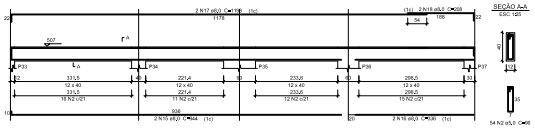
V2
ESC 1:50



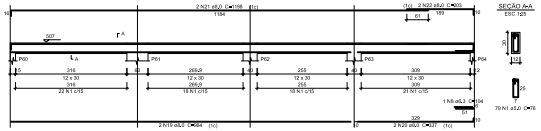
V7
ESC 1:50



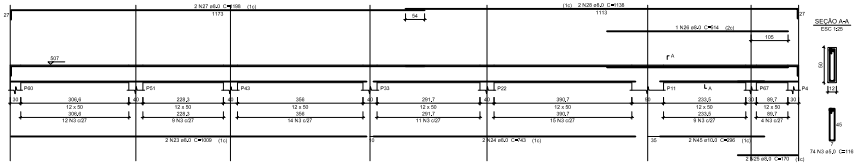
V10
ESC 1:50



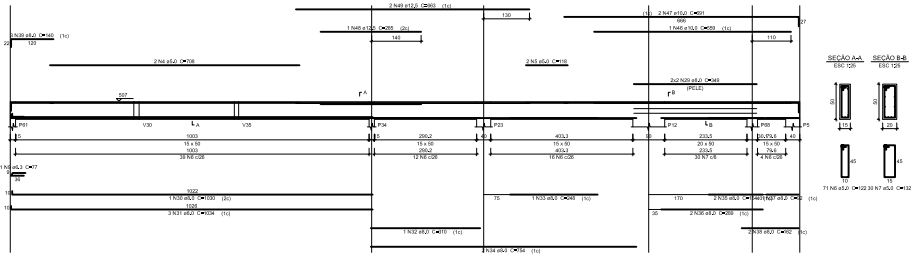
V17
ESC 1:50



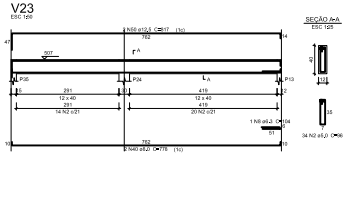
V21
ESC 1:50



V22
ESC 1:50



V23
ESC 1:50



Relação do aço

V2 V7 V10
V17 V21 V22
V23

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	110	70	14364
	2	5,0	88	96	8448
	3	5,0	74	116	8554
	4	5,0	2	708	1416
	5	5,0	2	118	236
	6	5,0	71	122	8662
	7	5,0	30	132	3960
CA50	8	6,3	3	104	312
	9	6,3	1	77	77
	10	8,0	1	257	257
	11	8,0	2	948	1896
	12	8,0	2	386	772
	13	8,0	2	372	744
	14	8,0	2	412	824
	15	8,0	2	464	928
	16	8,0	2	336	672
	17	8,0	2	1198	2396
	18	8,0	2	208	416
	19	8,0	2	964	1928
	20	8,0	2	337	674
	21	8,0	2	1198	2396
	22	8,0	2	203	406
	23	8,0	2	1009	2018
	24	8,0	2	743	1486
	25	8,0	2	170	340
	26	8,0	1	514	514
	27	8,0	2	1168	2336
	28	8,0	2	1138	2276
	29	8,0	4	349	1396
	30	8,0	1	1030	1030
	31	8,0	3	1034	3102
	32	8,0	1	310	310
	33	8,0	1	248	248
	34	8,0	2	754	1508
	35	8,0	2	154	308
	36	8,0	2	289	578
	37	8,0	1	92	92
	38	8,0	2	212	424
	39	8,0	1	148	148
	40	8,0	2	770	1540
	41	10,0	1	170	170
	42	10,0	1	165	165
	43	10,0	2	1199	2398
	44	10,0	2	204	408
	45	10,0	2	296	592
	46	10,0	1	559	559
	47	10,0	2	691	1382
	48	12,5	1	265	265
	49	12,5	2	663	1326
	50	12,5	2	817	1634

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)	
CA50	6,3	3,0		
	8,0	391,0	152,6	
	10,0	96,0	59,0	
	12,5	145,0	34,4	
CA60	5,0	456,1	77,6	

PESO TOTAL (kg)

CA50	225,9
CA60	77,4

Volume de concreto (C-25) = 5,18 m³
Área de forma = 81,21 m²

PROPRIETÁRIO

UNIVERSIDADE FEDERAL DO AMAZONAS - UFAM
PREFEITURA DO CAMPUS UNIVERSITÁRIO
DIVISÃO DE PROJETOS E FISCALIZAÇÃO DE OBRAS

RESP. TÉCNICO

OBRA / PROJETO: RESTAURANTE UNIVERSITÁRIO DO CAMPUS DORVAL VARELA MOURA

PROPRIETÁRIO: UNIVERSIDADE FEDERAL DO AMAZONAS - UFAM

ENDEREÇO: ESTRADA PARINTINS MACURANY, PARINTINS/AM.

AUTOR(A): ENG. CIVIL ALESSIA PEREIRA TORRES - CREA - 10000 - DAM

PROJETO: ESTRUTURAS

FASE: EX

TÍTULO: VIGAS - NIVEL +5,27
ARMAÇÃO DE VIGAS V2 A V23

NOTAS

EST 14

ESCALA	DESENHO	REV. DESENHO	DATA
1/50	ALESSIA		FEV/2019

ALTERAÇÃO PROJETO Nº	DATA	DESCRIÇÃO / ALTERAÇÃO	VISTO

PROIBIDA ALTERAÇÕES E REPRODUÇÕES POR TERCEIROS - DIREITOS AUTORAIS RESERVADOS - LEI 9610/98