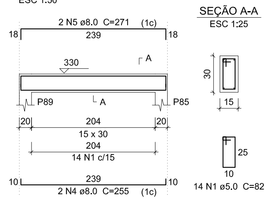
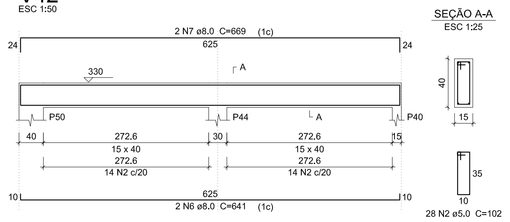
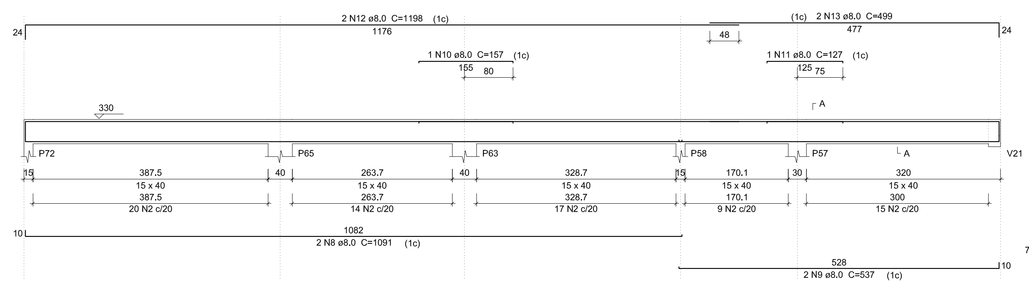
V41
ESC 1:50



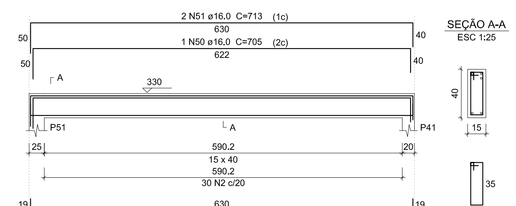
V42
ESC 1:50



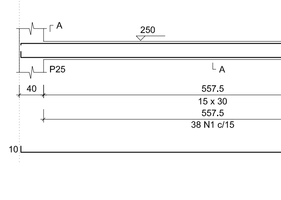
V43
ESC 1:50



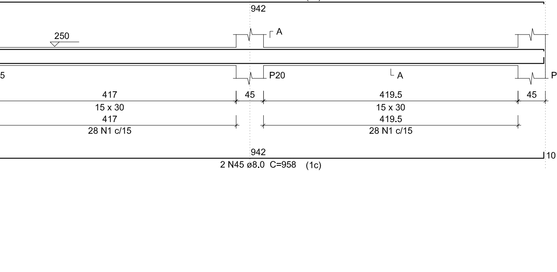
V44
ESC 1:50



V45
ESC 1:50



V46
ESC 1:50



V47
ESC 1:50

V48
ESC 1:50

V49
ESC 1:50

V50
ESC 1:50

V51
ESC 1:50

V52
ESC 1:50

V53
ESC 1:50

V54
ESC 1:50

V55
ESC 1:50

V56
ESC 1:50

V57
ESC 1:50

V58
ESC 1:50

V59
ESC 1:50

V60
ESC 1:50

V61
ESC 1:50

V62
ESC 1:50

V63
ESC 1:50

Relação do aço

V41	V42	V43	
V44	V45	V46	
V47	V48	V49	
V50	V51	V52	
V53	V54	V55	
V56	V57	V58	
V59	V60	V61	
V62	V63		

AÇO	N	DIAM	Q	L/UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	271	82	22222
	2	5,0	609	102	62118
	3	5,0	69	112	7728
CA50	4	8,0	2	255	510
	5	8,0	2	271	542
	6	8,0	2	641	1282
	7	8,0	2	669	1338
	8	8,0	2	1091	2182
	9	8,0	2	537	1074
	10	8,0	1	157	157
	11	8,0	1	127	127
	12	8,0	6	1198	7188
	13	8,0	2	499	998
	14	8,0	2	1136	2272
	15	8,0	2	1164	2328
	16	8,0	2	441	882
	17	8,0	2	469	938
	18	8,0	2	1065	2130
	19	8,0	2	169	338
	20	8,0	2	627	1254
	21	8,0	4	221	884
	22	8,0	4	237	948
	23	8,0	2	1169	2338
	24	8,0	2	1004	2008
	25	8,0	2	172	344
	26	8,0	2	182	364
	27	8,0	2	1061	2122
	28	8,0	2	251	502
	29	8,0	2	279	558
	30	8,0	4	521	2084
	31	8,0	4	537	2148
	32	8,0	2	1114	2228
	33	8,0	2	474	948
	34	8,0	2	484	968
	35	8,0	2	1170	2340
	36	8,0	2	1003	2006
	37	8,0	2	1198	2396
	38	8,0	2	1061	2122
	39	8,0	4	217	868
	40	8,0	4	233	932
	41	8,0	2	388	776
	42	8,0	2	389	778
	43	8,0	2	1059	2118
	44	8,0	2	1052	2104
	45	8,0	2	958	1916
	46	8,0	2	951	1902
	47	10,0	2	1198	2396
	48	10,0	2	688	1376
	49	16,0	4	661	2644
	50	16,0	1	705	705
	51	16,0	2	713	1426
	52	16,0	1	369	369
	53	16,0	2	706	1412
	54	16,0	1	303	303
	55	16,0	1	307	307
	56	16,0	3	761	2283
	57	16,0	2	555	1110
	58	16,0	1	219	219
	59	16,0	1	324	324
	60	16,0	2	592	1184
	61	16,0	1	705	705
	62	16,0	2	713	1426

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8,0	642,5	278,8
	10,0	37,8	25,6
	16,0	144,2	250,3
CA60	5,0	920,7	156,1
PESO TOTAL			
CA50	554,7		
CA60	156,1		

Vol. de concreto total (C-30) = 10,79 m³
Área de forma total = 169,34 m²

GOVERNO DO ESTADO DO PIAUÍ

SEDUC - SECRETARIA DE ESTADO DA EDUCAÇÃO

DEPARTAMENTO: GERÊNCIA DE ARQUITETURA E ENGENHARIA

TÍTULO DO PROJETO: PROJETO DE CONSTRUÇÃO - UE MARTIN PINHEIRO

ENDEREÇO DO SERVIÇO: Rua Simão Borges, S/N, Centro

TÍTULO DO DESENHO: DETALHAMENTO DE VIGAS COBERTURA

DESENHO: EST1

PRANCHA: 02/02

ESCALA: INDICADA

REVISÃO: 01

ARQUITETO(A):

MUNICÍPIO: Palmeira do Piauí-PI

ZONA: URBANA

DESENHO:

FASE: PROJETO BÁSICO

DATA: DATA REV.ATUAL