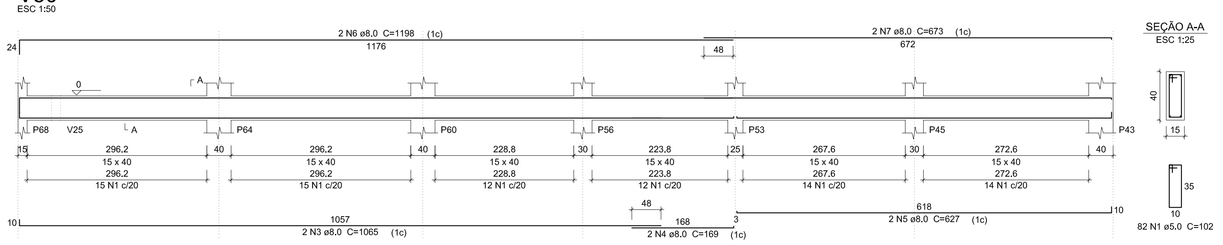
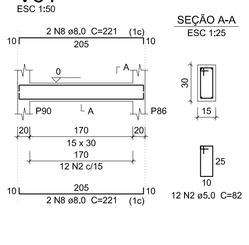
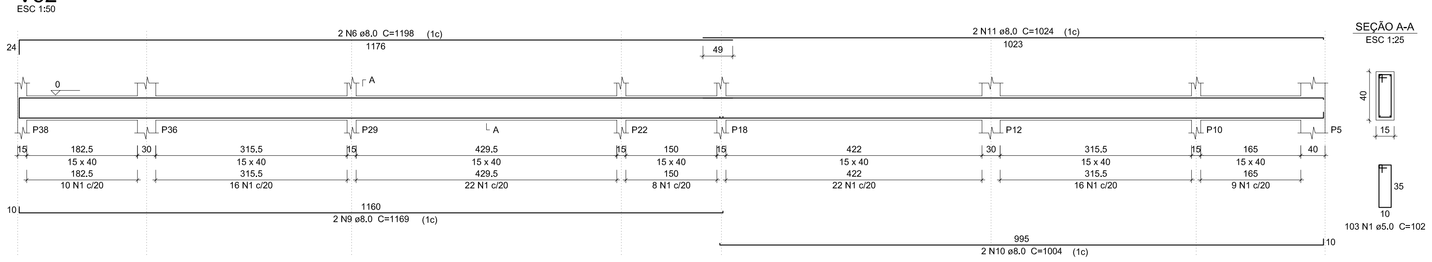
V50
ESC 1:50



V51
ESC 1:50



V52
ESC 1:50



Relação do aço

V50	V51	V52
V53	V54	V55
V56	V57	V58
V59	V60	

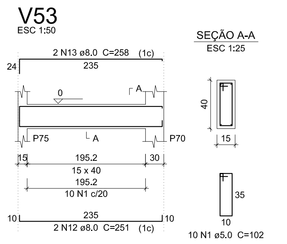
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	372	102	37944
	2	5,0	112	82	9184
CA50	3	8,0	2	1065	2130
	4	8,0	2	169	338
	5	8,0	2	627	1254
	6	8,0	4	1198	4792
	7	8,0	2	673	1346
	8	8,0	8	221	1768
	9	8,0	2	1169	2338
	10	8,0	2	1004	2008
	11	8,0	2	1024	2048
	12	8,0	2	251	502
	13	8,0	2	258	516
	14	8,0	4	521	2084
	15	8,0	2	1114	2228
	16	8,0	2	474	948
	17	8,0	2	1170	2340
	18	8,0	2	1003	2006
	19	8,0	2	1175	2350
	20	8,0	2	1047	2094
	21	8,0	8	217	1736
	22	10,0	4	562	2248
	23	10,0	2	1198	2396
	24	10,0	2	475	950

Resumo do aço

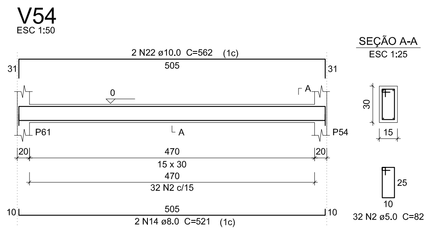
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8,0	348,3	151,2
	10,0	56	37,9
CA60	5,0	471,3	79,9
PESO TOTAL			
CA50	189,1		
CA60	79,9		

Vol. de concreto total (C-30) = 5,6 m³
Área de forma total = 89,42 m²

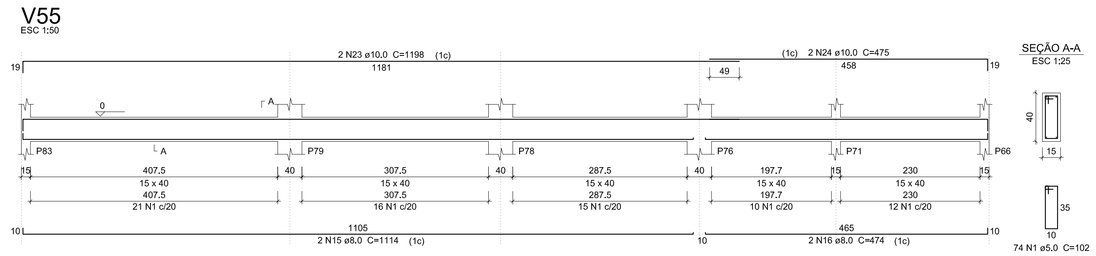
V53
ESC 1:50



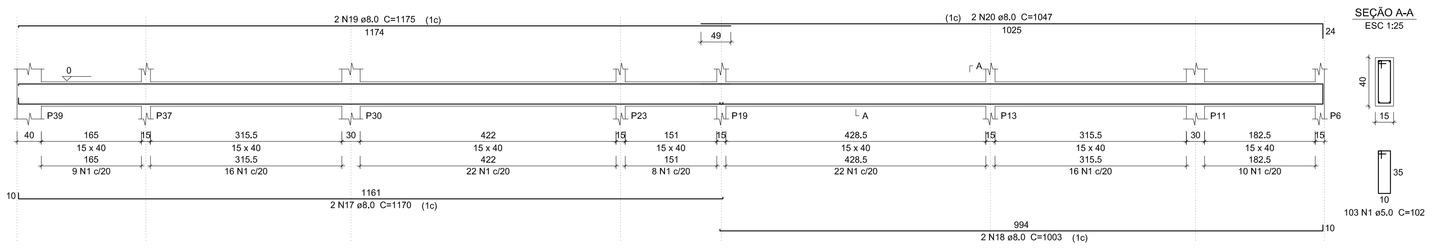
V54
ESC 1:50



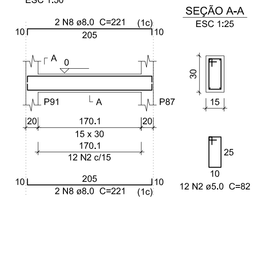
V55
ESC 1:50



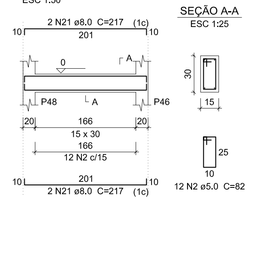
V56
ESC 1:50



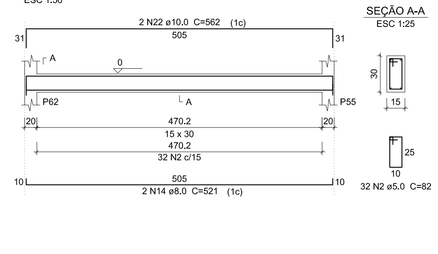
V57
ESC 1:50



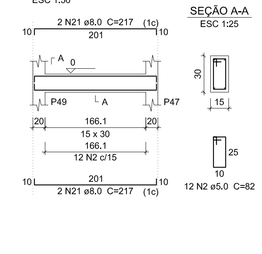
V58
ESC 1:50



V59
ESC 1:50



V60
ESC 1:50



GOVERNO DO ESTADO DO PIAUÍ

SEDUC - SECRETARIA DE ESTADO DA EDUCAÇÃO

DEPARTAMENTO: GERÊNCIA DE ARQUITETURA E ENGENHARIA

DESENHO: EST1

TÍTULO DO PROJETO: PROJETO DE CONSTRUÇÃO - U.E MARTIN PINHEIRO

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

PRANCHA: 02/02

TÍTULO DO DESENHO: DETALHAMENTO DE VIGAS BALDRAME

ARQUITETO(A):

MUNICÍPIO: Palmeira do Piauí-PI

ZONA: URBANA

DESENHO:

ESCALA: INDICADA

FASE: PROJETO BÁSICO

DATA: DATA REV.ATUAL

REVISÃO: 01