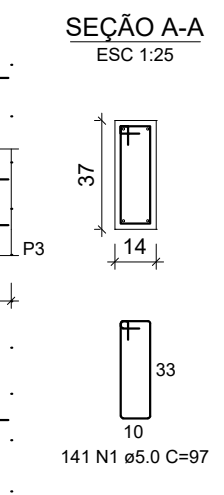
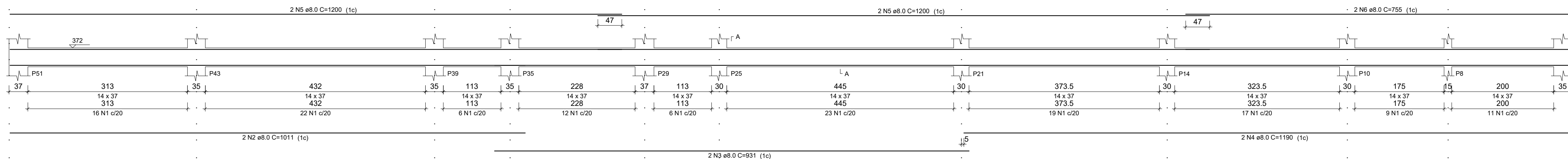
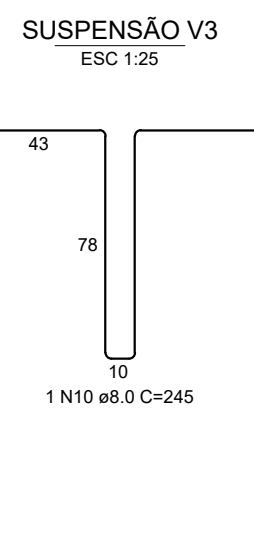
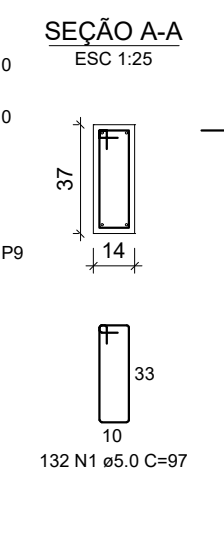
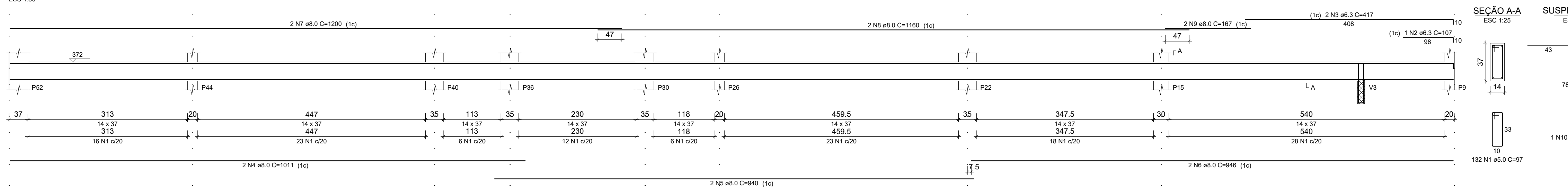


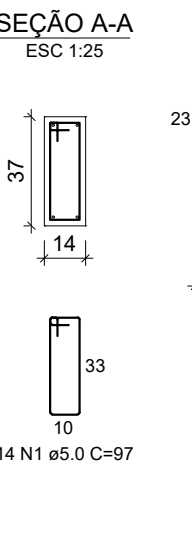
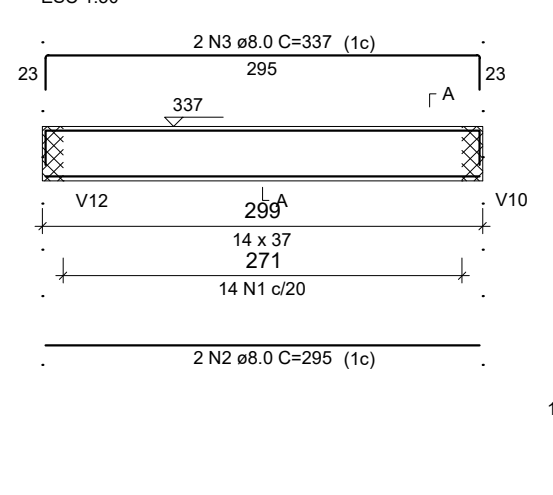
V24
ESC 1:50



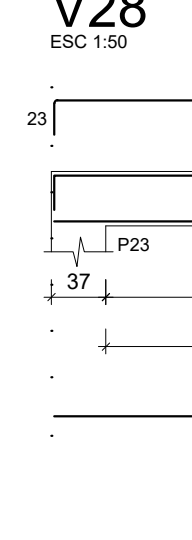
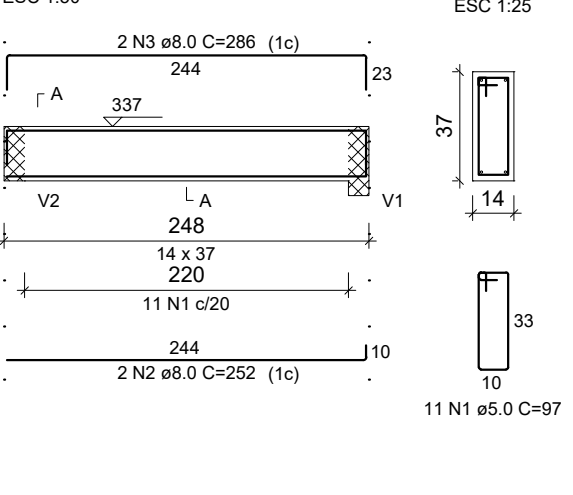
V25
ESC 1:50



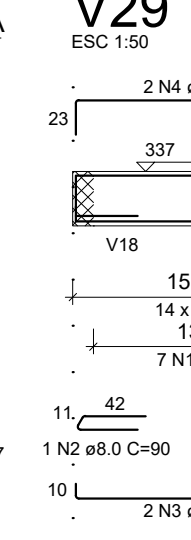
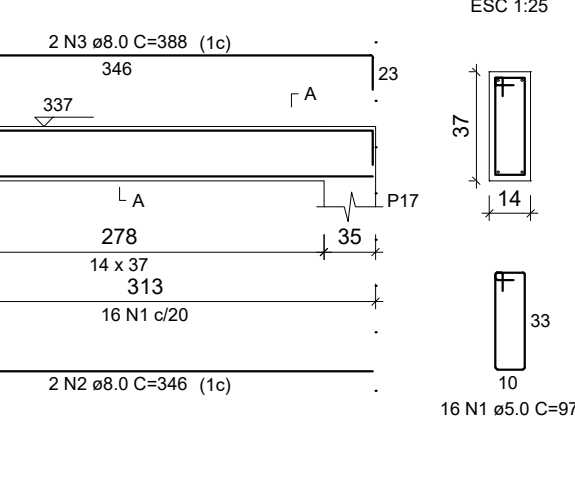
V26
ESC 1:50



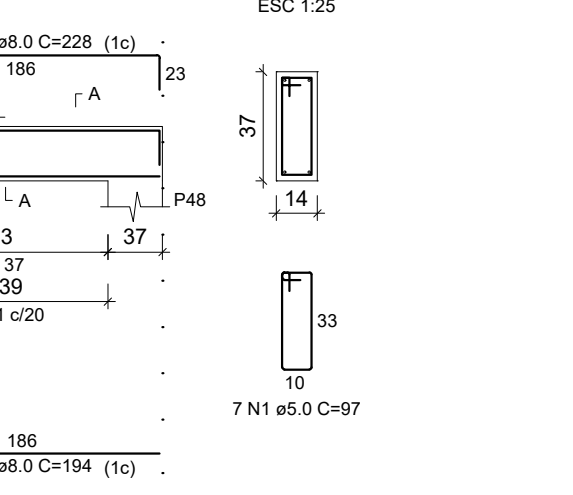
V27
ESC 1:50



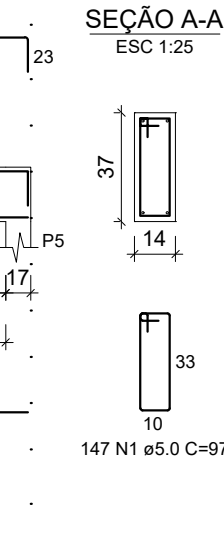
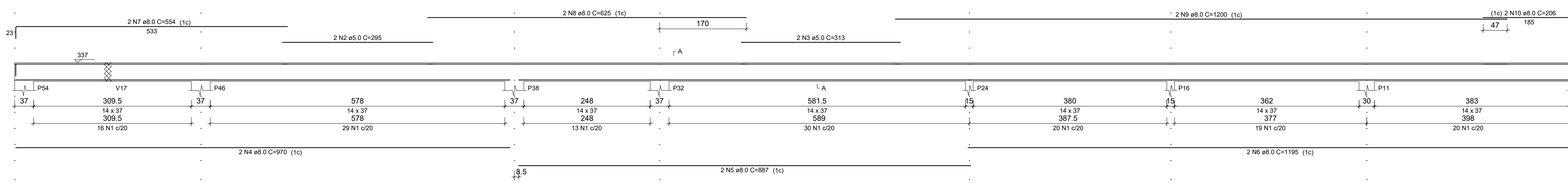
V28
ESC 1:50



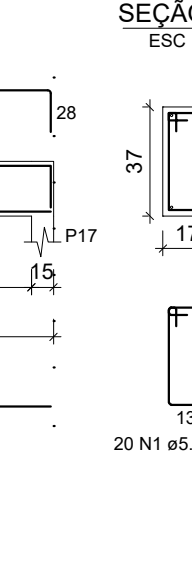
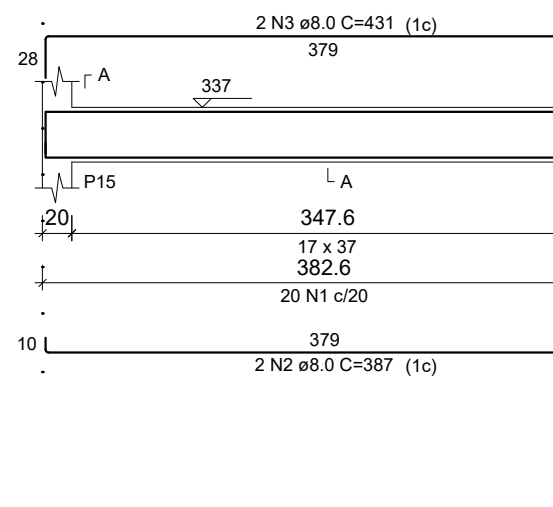
V29
ESC 1:50



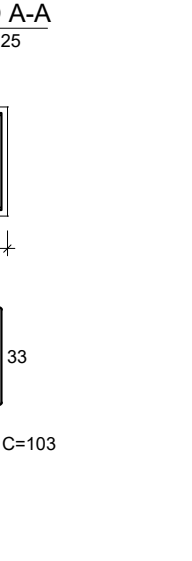
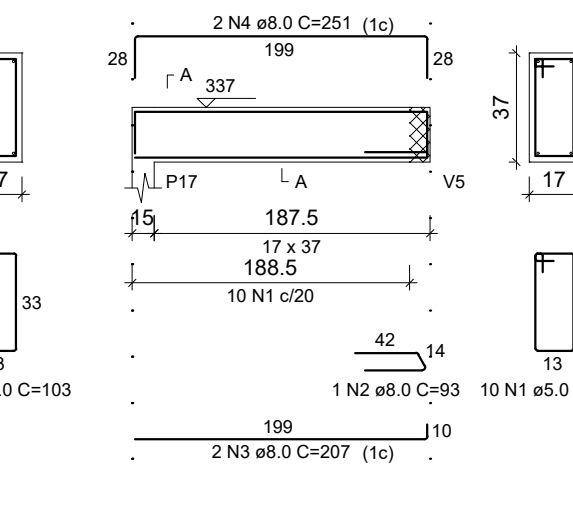
V30
ESC 1:50



V31
ESC 1:50



V32
ESC 1:50



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.LIN (cm)	C.TOTAL (cm)
V24	CA50	1	5.0	141	97	13677
	CA60	2	8.0	2	1011	2022
	CA50	3	8.0	2	931	1862
	CA50	4	8.0	2	1190	2380
	CA50	5	8.0	4	1200	4800
	CA50	6	8.0	2	759	1518
	CA60	1	5.0	132	87	12804
	CA50	2	6.3	1	107	107
	CA50	3	6.3	2	417	834
	CA50	4	8.0	2	1011	2022
V25	CA50	5	8.0	2	940	1880
	CA50	6	8.0	2	946	1892
	CA50	7	8.0	2	1160	2320
	CA50	8	8.0	2	1160	2320
	CA50	9	8.0	2	167	334
	CA50	10	8.0	1	245	245
	CA60	1	5.0	14	97	1368
	CA50	2	8.0	2	295	590
	CA50	3	8.0	2	337	674
	CA60	1	5.0	16	97	1552
V26	CA50	2	8.0	2	286	572
	CA50	3	8.0	2	388	776
	CA50	2	8.0	2	252	504
	CA50	3	8.0	2	286	572
	CA60	1	5.0	16	97	1552
	CA50	2	8.0	2	346	692
	CA50	3	8.0	2	388	776
	CA60	1	5.0	7	97	679
	CA50	3	8.0	2	388	776
	CA50	3	8.0	2	194	388
V27	CA50	4	8.0	2	229	458
	CA60	3	5.0	2	313	626
	CA50	2	5.0	2	295	590
	CA50	3	8.0	2	206	412
	CA50	4	8.0	2	970	1940
	CA50	5	8.0	2	967	1934
	CA50	6	8.0	2	1195	2390
	CA50	7	8.0	2	554	1108
	CA50	8	8.0	2	625	1250
	CA50	9	8.0	2	1200	2400
V28	CA50	10	8.0	2	206	412
	CA60	1	5.0	20	103	2060
	CA50	2	8.0	2	387	774
	CA50	3	8.0	2	431	862
	CA60	1	5.0	10	103	1030
	CA50	2	8.0	1	93	93
	CA50	3	8.0	2	207	414
	CA60	4	8.0	2	251	502

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	4.3	9.4	2.5
CA60	8.0	423.3	183.7
CA60	5.0	497	84.3
PESO TOTAL (kg)			
CA50		186.3	
CA60		84.3	

Volume de concreto (C-25) = 5.58 m³
Área de forma = 93.80 m²



PREFEITURA MUNICIPAL DE MURIAÉ
SECRETARIA MUNICIPAL DE OBRAS PÚBLICAS

PROJETO ESTRUTURAL CRECHE BOM PASTOR

PROJETO DAS VIGAS 2

PREFEITURA DE MURIAÉ / CNPJ: 17.947.581/0001-76 PREFEITO IOANNIS KONSTANTINOS GRAMMATIKOPOULOS	DESCRIÇÃO: PROJETO ESTRUTURAL PARA CONSTRUÇÃO DE UMA CRECHE NO DISTRITO BOM PASTOR DE MURIAÉ-MG
SECRETARIA DE OBRAS PÚBLICAS:	LOCAL: RUA ABÍLIO JOSÉ FRITZ - DISTRITO DO BOM PASTOR - MURIAÉ - MG
R. T. PROJETO:	ARQUIVO: Projeto vigas 2.DWG
LEONARDO DA SILVA CREA RJ 2017103206/D	ESC. INDICADAS DATA: ABRIL / 2020

FOLHA: **13/14**