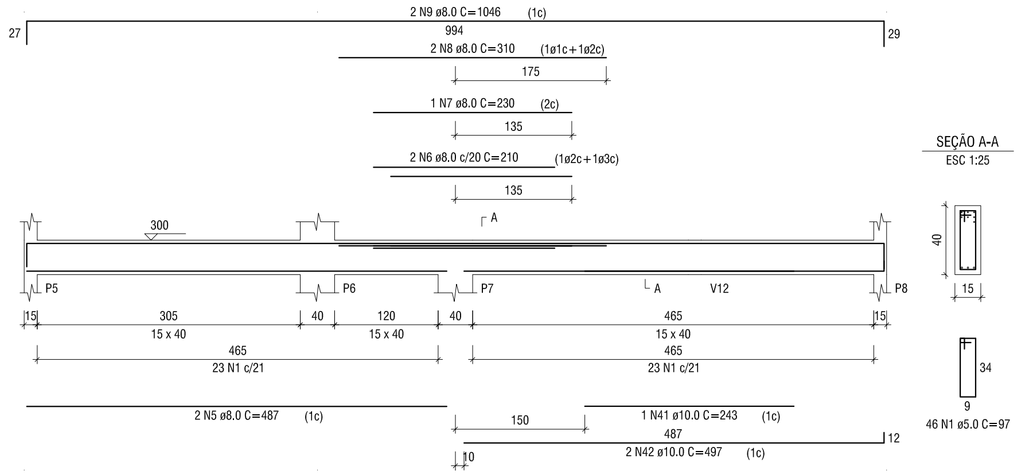
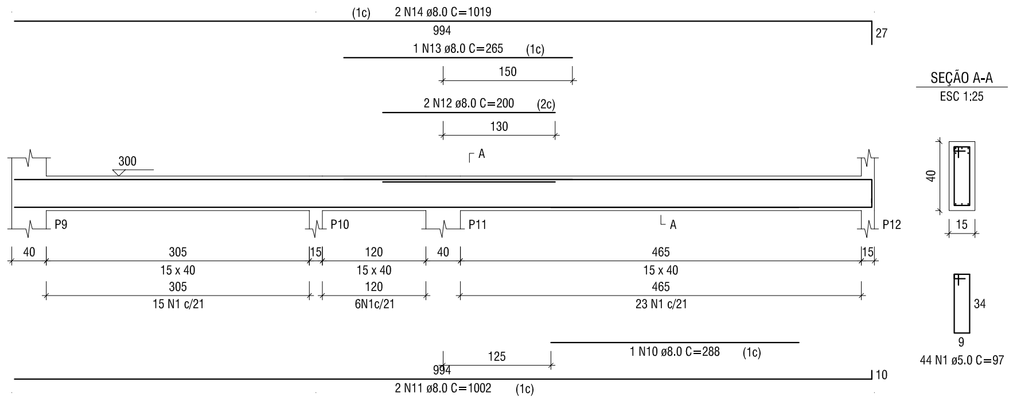
V2
ESC 1:50



SEÇÃO A-A
ESC 1:25

V3
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V2 V3 V4
V5 V6 V7
V8 V9 V10
V11 V12 V13

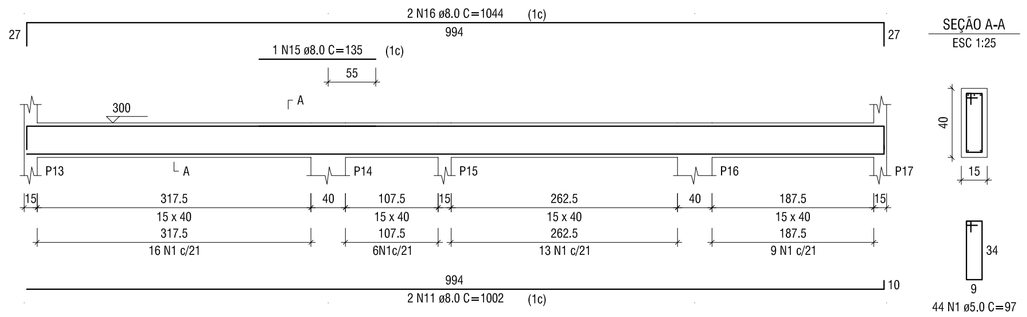
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	459	97	44523
	2	5.0	2	255	510
	3	5.0	2	225	450
CA50	4	6.3	1	76	76
	5	8.0	2	487	974
	6	8.0	2	210	420
	7	8.0	1	230	230
	8	8.0	2	310	620
	9	8.0	2	1046	2092
	10	8.0	1	288	288
	11	8.0	6	1002	6012
	12	8.0	2	200	400
	13	8.0	1	265	265
	14	8.0	4	1019	4076
	15	8.0	1	135	135
	16	8.0	2	1044	2088
	17	8.0	2	224	448
	18	8.0	2	274	548
	19	8.0	1	140	140
	20	8.0	1	165	165
	21	8.0	2	434	868
	22	8.0	2	145	290
	23	8.0	2	105	210
	24	8.0	2	902	1804
	25	8.0	4	372	1488
	26	8.0	4	1198	4792
	27	8.0	2	199	398
	28	8.0	2	1017	2034
	29	8.0	2	270	540
	30	8.0	2	964	1928
	31	8.0	2	1014	2028
	32	8.0	2	437	874
	33	8.0	2	486	972
	34	8.0	1	275	275
	35	8.0	2	374	748
	36	8.0	4	110	440
	37	8.0	2	915	1830
	38	8.0	2	359	718
	39	8.0	2	1174	2348
	40	8.0	2	173	346
	41	10.0	1	243	243
	42	10.0	2	497	994

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5% (Barras)	UNIT	PESO + 5% (kg)
CA50	6.3	0.8	1	12 m	0.2
	8.0	438.3	39	12 m	181.6
	10.0	12.4	2	12 m	8
CA60	5.0	454.8	40	12 m	73.6
PESO TOTAL (kg)					
CA50	189.8				
CA60	73.6				

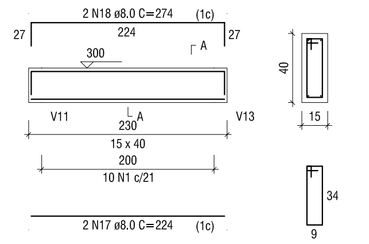
Volume de concreto (C-25) - vigas = 6.27 m³
Área de forma - vigas = 99.23 m²

V4
ESC 1:50



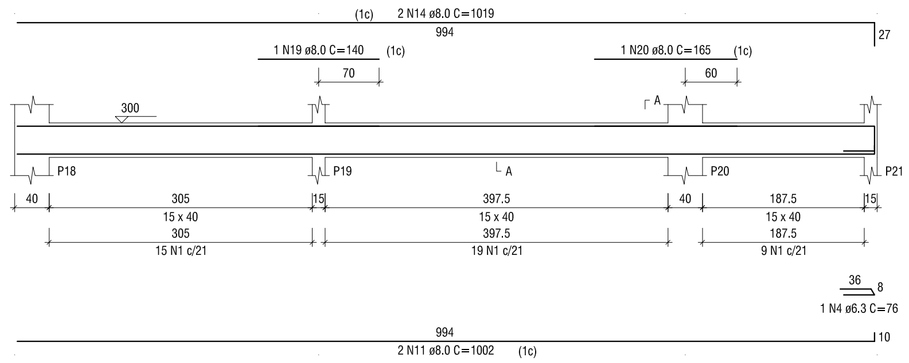
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50

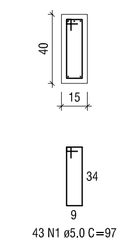


SEÇÃO A-A
ESC 1:25

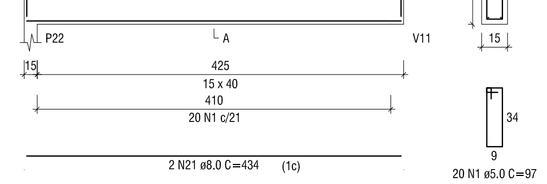
V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

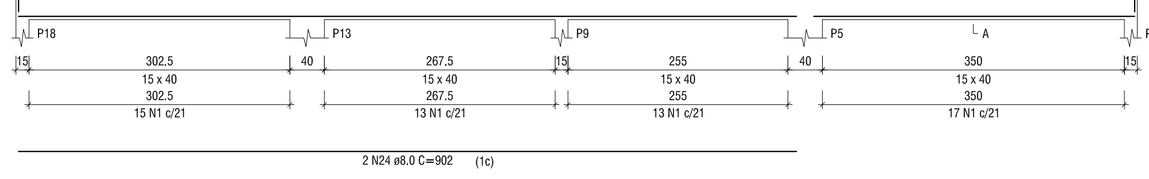


V7
ESC 1:50

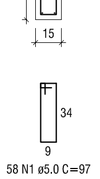


SEÇÃO A-A
ESC 1:25

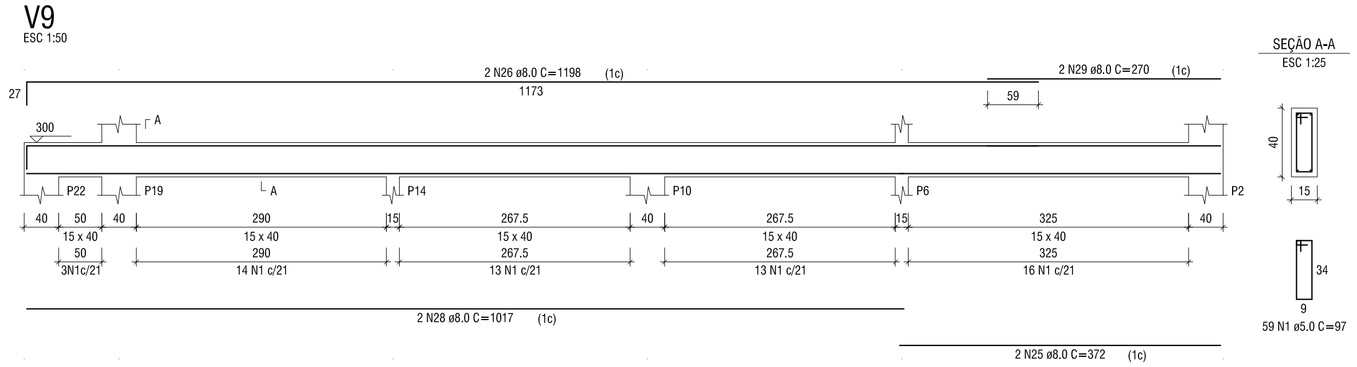
V8
ESC 1:50



SEÇÃO A-A
ESC 1:25

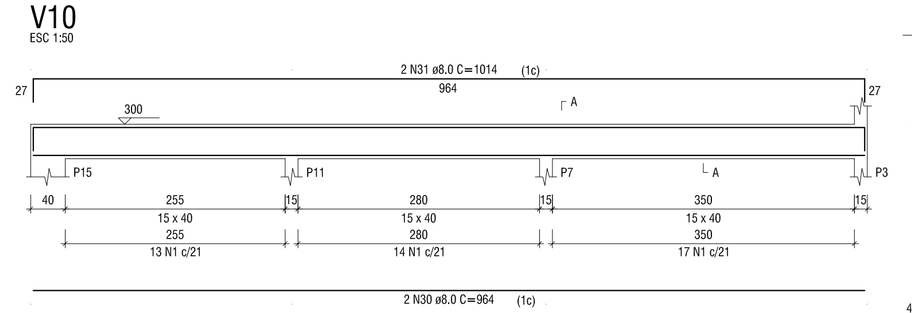


V9
ESC 1:50

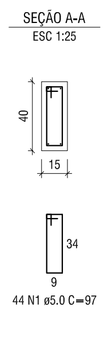


SEÇÃO A-A
ESC 1:25

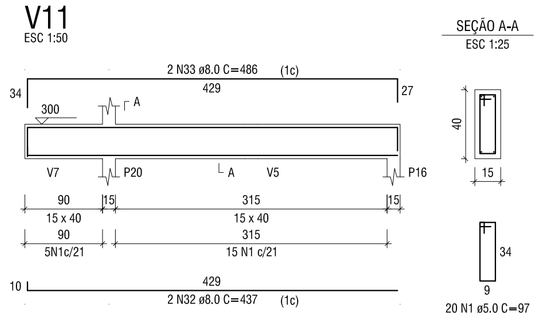
V10
ESC 1:50



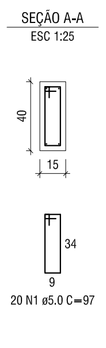
SEÇÃO A-A
ESC 1:25



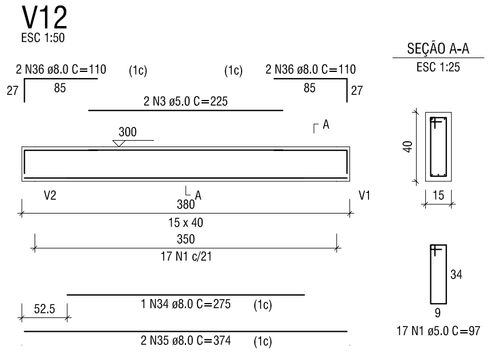
V11
ESC 1:50



SEÇÃO A-A
ESC 1:25

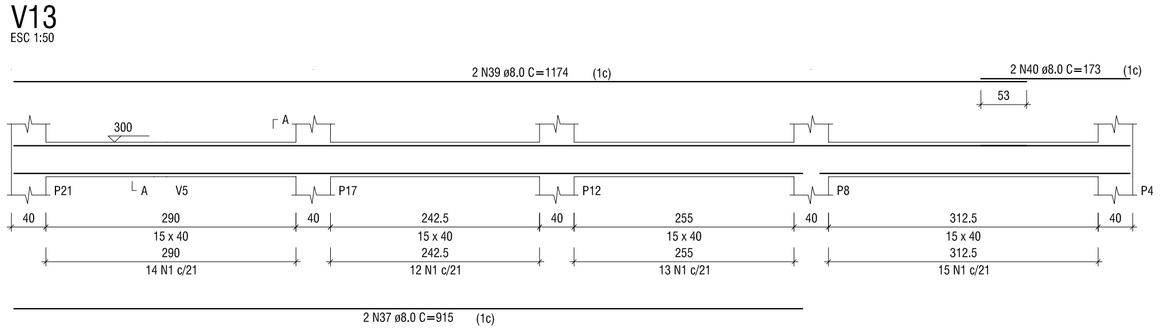


V12
ESC 1:50

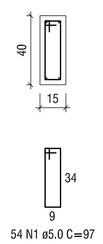


SEÇÃO A-A
ESC 1:25

V13
ESC 1:50



SEÇÃO A-A
ESC 1:25



Projeto Estrutural e de Fundação

PREFEITURA LAJINHA-MG
Rua Dr. Sidney Hubner França Camargo, 99Pç."A" Lajinha-MG
CNPJ: 18.339.513/0001-14 - Tel: (33) 3564-1068

OBRA:
Construção do Centro de Assistência Social

ENDEREÇO:
Rua José Rodrigues, s/n, bairro Sagrada Família - Lajinha/MG

RESPONSÁVEL TÉCNICO:
THAÍS BOECHAT DE LIMA BASTOS **CREA:** 212.895/D

CONTEÚDO:
1º PAV - Vigas

ÁREA DA OBRA:
135,90 m²

ÁREA DO TERRENO:

OBSERVAÇÕES:
Aproximadamente 7.000 pessoas serão beneficiadas diretamente e indiretamente com a construção do CRAS.

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE LAJINHA

DESENHO:
THAÍS BOECHAT DE LIMA BASTOS

DATA:
06/2021