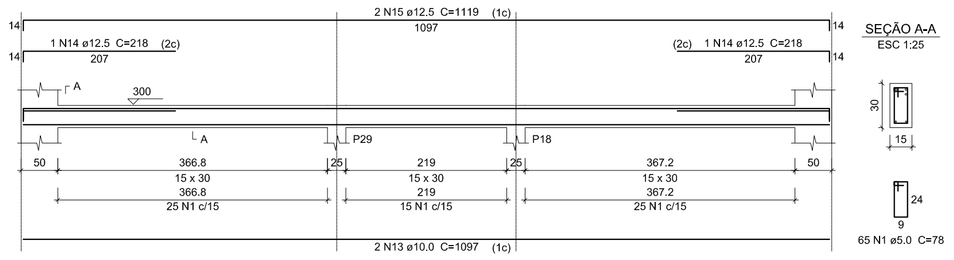
V9 V11 V13 V15 V17 V19 V20 V22 V23

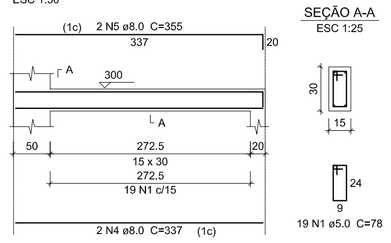
ESC 1:50



SEÇÃO A-A
ESC 1:25

V6 V8 V10 V12 V14 V16 V18 V21 V36

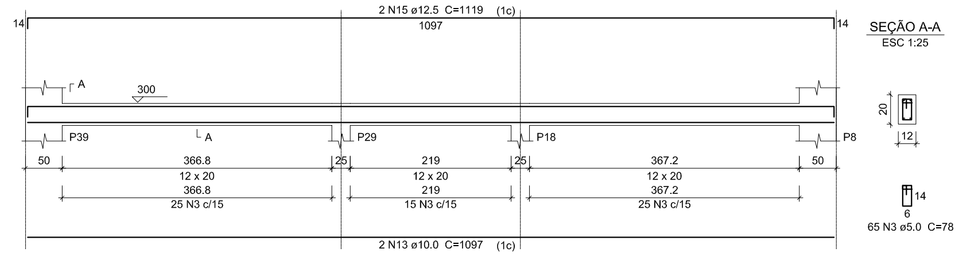
ESC 1:50



SEÇÃO A-A
ESC 1:25

V7 V24

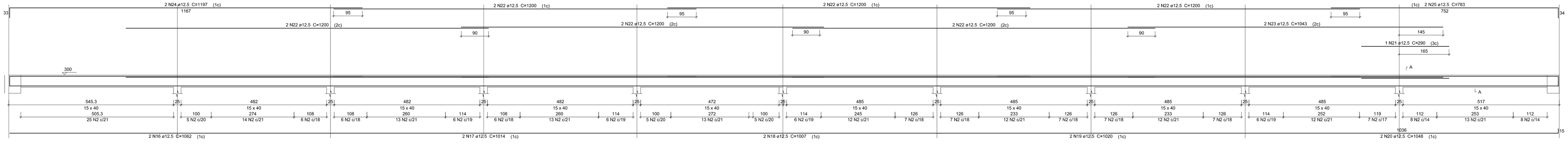
ESC 1:50



SEÇÃO A-A
ESC 1:25

V3 V4

ESC 1:50



SEÇÃO A-A
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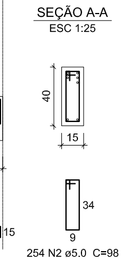
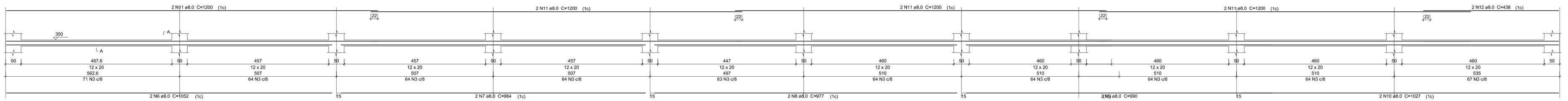
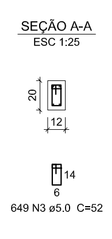


V2 V5

ESC 1:50

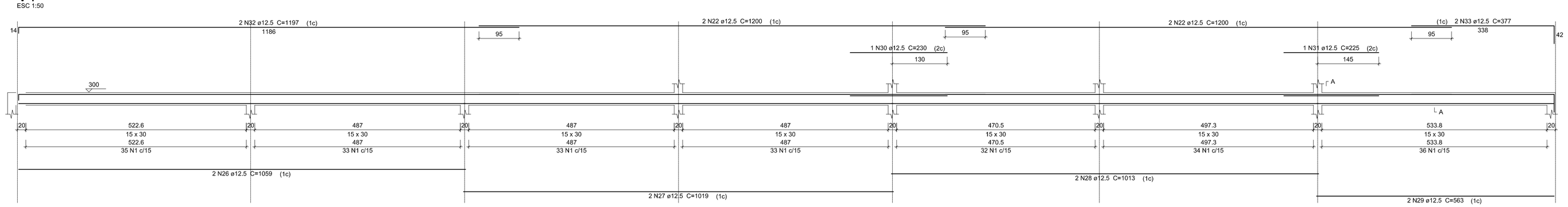


SEÇÃO A-A
ESC 1:25

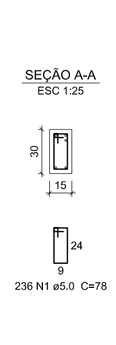


V1

ESC 1:50

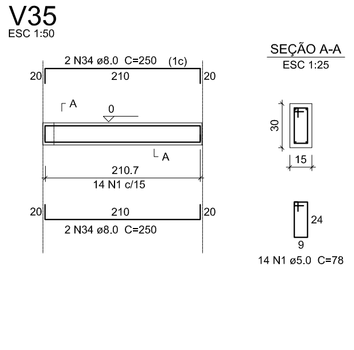


SEÇÃO A-A
ESC 1:25



V35

ESC 1:50



SEÇÃO A-A
ESC 1:25

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	1006	78	78468
	2	5.0	508	98	49784
	3	5.0	1298	52	74256
	4	8.0	18	337	6066
	5	8.0	18	355	6390
	6	8.0	4	1052	4208
	7	8.0	4	984	3936
	8	8.0	4	977	3908
	9	8.0	4	990	3960
	10	8.0	4	1027	4108
	11	8.0	16	1200	19200
	12	8.0	4	438	1752
	13	10.0	22	1097	24134
	14	12.5	18	218	3924
	15	12.5	22	1119	24618
	16	12.5	4	1062	4248
	17	12.5	4	1014	4056
	18	12.5	4	1007	4028
	19	12.5	4	1020	4080
	20	12.5	4	1048	4192
	21	12.5	2	290	580
	22	12.5	28	1200	33600
	23	12.5	4	1043	4172
	24	12.5	4	1197	4788
	25	12.5	4	783	3132
	26	12.5	2	1059	2118
	27	12.5	2	1019	2038
	28	12.5	2	1013	2026
	29	12.5	2	563	1126
	30	12.5	1	230	230
	31	12.5	1	225	225
	32	12.5	2	1197	2394
	33	12.5	2	377	754
	34	8.0	4	250	1000

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	5.0	2025,1	356,76
	8.0	545,34	234,0
	10,0	240,50	161,38
	12,5	1063,36	1169,70
PESO TOTAL			
CA50	1909,27		

Vol. de concreto total (C-25) = 16.60 m³
Área de forma total = 278,72 m²

PLANTA DE VIGAS 1º PAVIMENTO
ESC.:1/50

REV.	DESCRIÇÃO	DATA	VISTO

abbm braga engenharia

PREFEITURA DE SÃO JOSÉ DO VALE DO RIO PRETO
SECRETARIA DE PLANEJAMENTO E GESTÃO

Obra: REFORMA E AMPLIAÇÃO DO NOVO CENTRO ADMINISTRATIVO (ANTIGA COOPERVALE)

Projeto: PROJETO ESTRUTURAL

Disciplina: PLANTAS DE VIGAS 1º PAVIMENTO | Escala: INDICADA | Data: NOV/2018

Escritório Responsável: ABBM BRAGA COMÉRCIO E SERVIÇOS LTDA - ME | Prancha: 04

Responsável Técnico: JULIO ODONI E BRUNO TELES

Fiscalização e Supervisão: