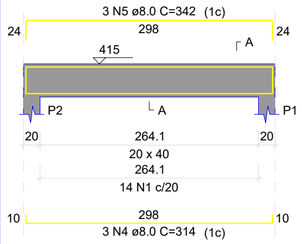
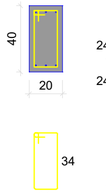
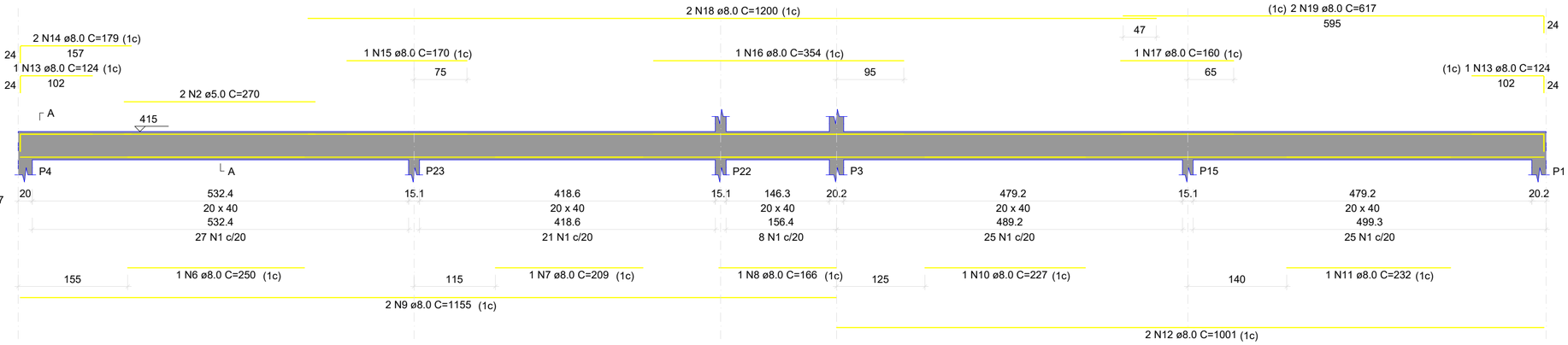
V1
ESC 1:50



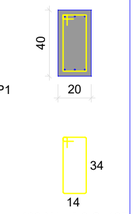
SEÇÃO A-A
ESC 1:25



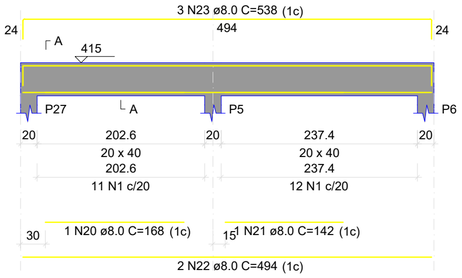
V2
ESC 1:50



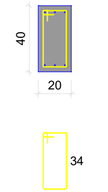
SEÇÃO A-A
ESC 1:25



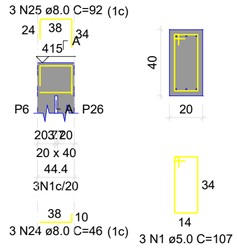
V3
ESC 1:50



SEÇÃO A-A
ESC 1:25

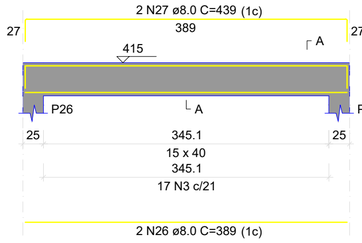


V4
ESC 1:50

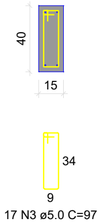


SEÇÃO A-A
ESC 1:25

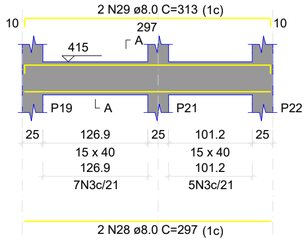
V5
ESC 1:50



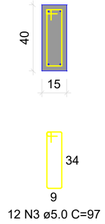
SEÇÃO A-A
ESC 1:25



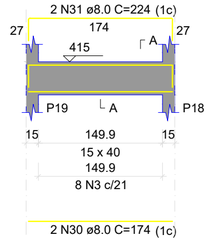
V6
ESC 1:50



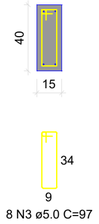
SEÇÃO A-A
ESC 1:25



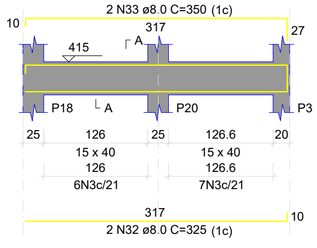
V7
ESC 1:50



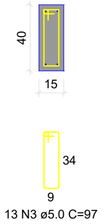
SEÇÃO A-A
ESC 1:25



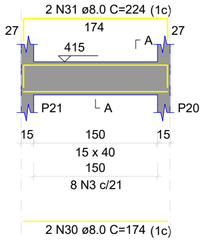
V8
ESC 1:50



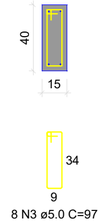
SEÇÃO A-A
ESC 1:25



V9
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1 V4 V7	CA60	1	5.0	146	107	15622
		2	5.0	2	270	540
		3	5.0	58	97	5626
	CA50	4	8.0	3	314	942
		5	8.0	3	342	1026
		6	8.0	1	250	250
		7	8.0	1	209	209
		8	8.0	1	166	166
		9	8.0	2	155	310
		10	8.0	1	232	232
		11	8.0	2	1001	2002
		12	8.0	2	124	248
		13	8.0	2	179	358
		14	8.0	1	170	170
		15	8.0	2	354	354
		16	8.0	1	160	160
		17	8.0	2	1200	2400
		18	8.0	2	617	1234
		19	8.0	1	168	168
		20	8.0	1	142	142
		21	8.0	2	494	988
		22	8.0	3	538	1614
		23	8.0	3	46	138
		24	8.0	3	92	276
		25	8.0	2	389	778
		26	8.0	2	439	878
		27	8.0	2	297	594
		28	8.0	2	313	626
		29	8.0	4	174	696
		30	8.0	4	224	896
		31	8.0	4	325	650
		32	8.0	2	350	700
		33	8.0	2		

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	214.3	93
CA60	5.0	217.9	36.9
PESO TOTAL (kg)			
CA50			93
CA60			36.9

Volume de concreto (C-25) = 2.95 m³
Área de forma = 38.51 m²

PREFEITURA MUNICIPAL DE BANDEIRANTES
SECRETARIA MUNICIPAL DE OBRAS E SERVIÇOS URBANOS

PROJETO ESTRUTURAL AMPLIAÇÃO PSF INVERNADA

OBRA: **AMPLIAÇÃO PSF INVERNADA**
PROP.: **Prefeitura Municipal de Bandeirantes**
ÁREAS: **-Área total = 101,58m²**

ENDEREÇO: **Avenida João da Silva Cravo, 1151 - Bairro Invernada, Bandeirantes - PR, 86360-000**
MARÇO / 2024

ARQUIVO : PSF_INV_VIG_COB
ESCALA: INDICADA
DESENHISTA : Guilherme Aoyama
FORMATO: DWG
REFERÊNCIA : **PROJETO ESTRUTURAL AMPLIAÇÃO PSF INVERNADA - ARMAÇÃO DE VIGAS - COBERTURA**

Taxa de Ocupação:

Coeficiente de Aproveitamento:

Taxa de Permeabilidade:

GUILHERME AOYAMA:04720234976
Assinado de forma digital por GUILHERME AOYAMA:04720234976
Dados: 2024.04.08 16:34:58 -03'00'

RESPONSÁVEL TÉCNICO

PROPRIETÁRIO

FOLHA : 20/23