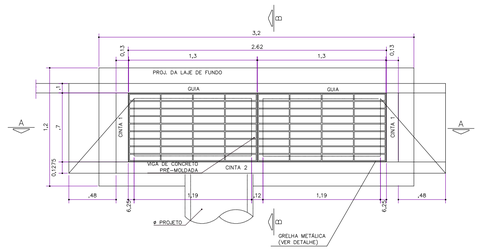
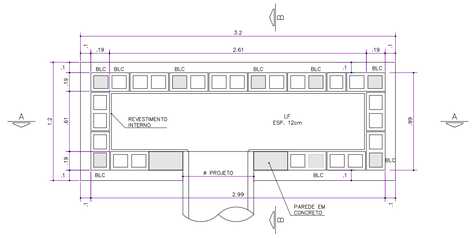
DETALHE BOCA DE LEAO DUPLA
SEM ESCALA

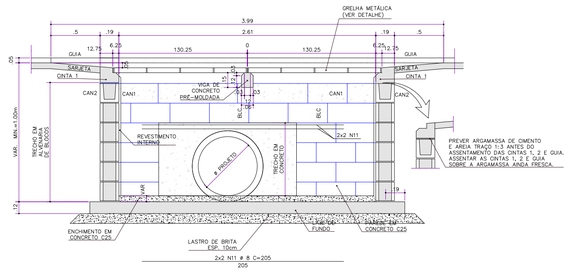
PLANTA DE TOPO



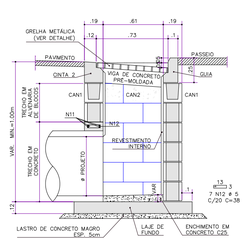
PLANTA DE FUNDO



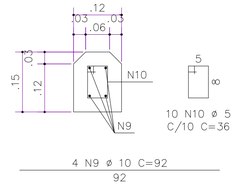
CORTE AA



CORTE BB

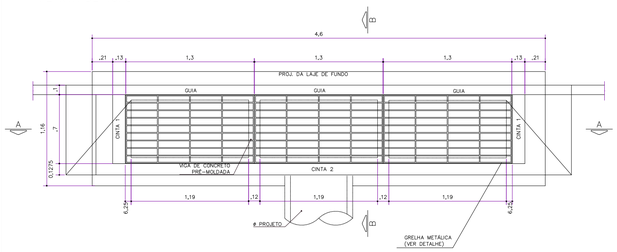


ARMADURA DA VIGA PRÉ-MOLDADA (1X)

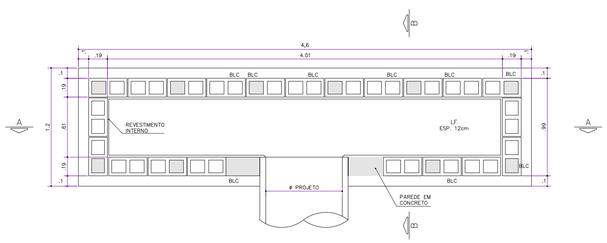


DETALHE BOCA DE LEAO TRIPLA
SEM ESCALA

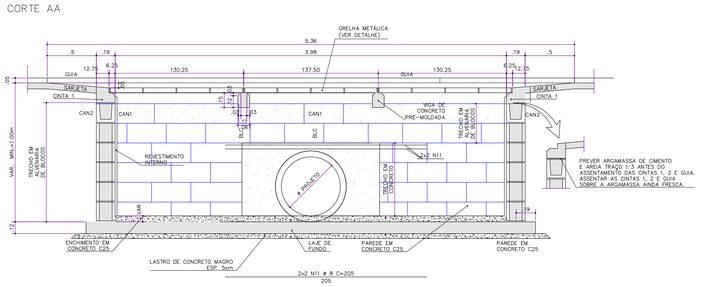
PLANTA DE TOPO



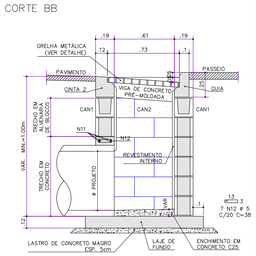
PLANTA DE FUNDO



CORTE AA

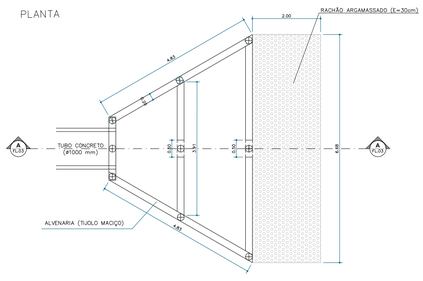


CORTE BB

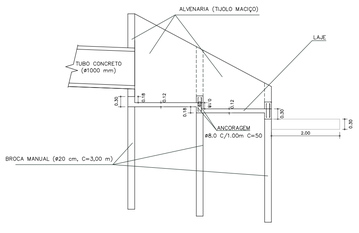


DETALHE DISSIPADOR E ALA
SEM ESCALA

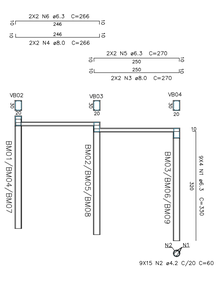
PLANTA

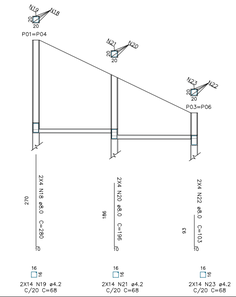


CORTE A-A

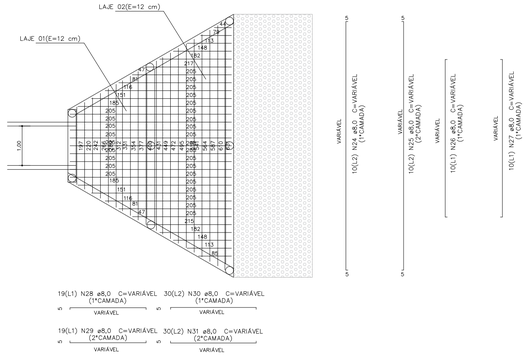


VB01=VB05 (20x30)





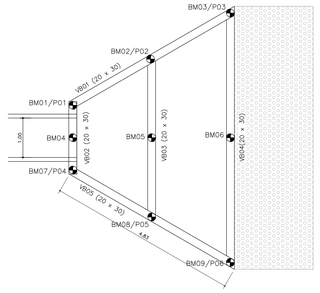
PLANTA – LAJE (E=12 cm), ARMADURA DUPLA ø8,0 mm, C/20



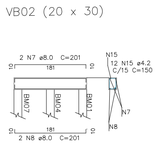
HORIZONTAL/VERTICAL(L1/L2)

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
L1	CA50	28	8.0	19	VARIÁVEL	3005
L1	CA50	29	8.0	19	VARIÁVEL	3005
L2	CA50	30	8.0	30	VARIÁVEL	5421
L2	CA50	31	8.0	30	VARIÁVEL	5421
L1	CA50	26	8.0	10	VARIÁVEL	2988
L1	CA50	27	8.0	10	VARIÁVEL	2988
L2	CA50	24	8.0	10	VARIÁVEL	5298
L2	CA50	25	8.0	10	VARIÁVEL	5298

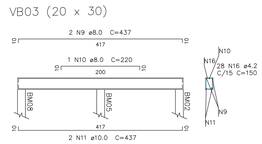
PLANTA – BROCAS MANUAIS (BM), VIGA BALDRAME (VB) E PILARES (P)



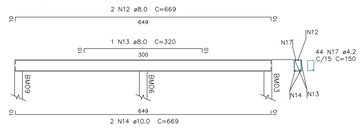
VB02 (20 x 30)



VB03 (20 x 30)



VB04 (20 x 30)



Relação – Aço Vigas

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VB01	CA50	6	6.3	2	266	532
	CA50	5	6.3	2	270	540
VB02	CA50	7	8.0	2	280	560
	CA60	15	4.2	12	150	1800
	CA50	8	8.0	2	201	402
VB03	CA50	9	8.0	2	437	874
	CA50	10	8.0	1	220	220
	CA50	11	10.0	2	437	874
	CA60	16	4.2	28	150	4200
VB04	CA50	12	8.0	2	669	1338
	CA50	13	8.0	1	320	320
	CA50	14	10.0	2	669	1338
	CA60	17	4.2	44	150	6600
VB05	CA50	4	8.0	2	266	532
	CA50	3	8.0	2	270	540

Relação – Aço Fundação

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
BM01	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900
BM02	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900
BM03	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900
BM04	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900
BM05	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900
BM06	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900
BM07	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900
BM08	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900
BM09	CA50	1	6.3	4	330	1320
	CA60	2	4.2	15	60	900

Relação – Aço Pilares

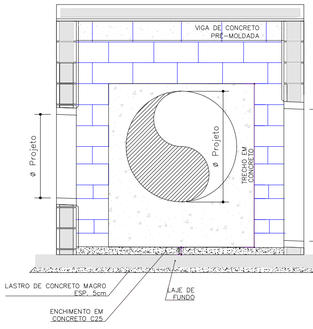
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P1	CA50	18	8.0	4	280	1120
	CA60	19	4.2	14	68	952
P2	CA50	20	8.0	4	196	784
	CA60	21	4.2	14	68	952
P3	CA50	22	8.0	4	103	412
	CA60	23	4.2	14	68	952
P4	CA50	18	8.0	4	280	1120
	CA60	19	4.2	14	68	952
P5	CA50	20	8.0	4	196	784
	CA60	21	4.2	14	68	952
P6	CA50	22	8.0	4	103	412
	CA60	23	4.2	14	68	952

Resumo – Total de Aço Dissipador/Ala

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)	PESO TOTAL (kg)
CA50	6.3	129.52	31.73	CA50 214,61
	8.0	428,42	169,23	
	10.0	22.12	13,65	
CA60	4.2	264.12	28.79	CA60 28.79

Área de forma = 29,82 m²
Volume de concreto = 5,72 m³
Volume de brita (lastro) = 0,54 m³

DETALHE CAIXA DE PASSAGEM
SEM ESCALA



OBJETO
DRENAGEM E PAVIMENTAÇÃO ASFÁLTICA NA RUA JOÃO FRANCESE

ENDEREÇO
RUA JOÃO FRANCESE, RESIDENCIAL TÊNIS CLUBE

PROPRIETÁRIO
PREFEITURA MUNICIPAL DA ESTÂNCIA TURÍSTICA DE OLÍMPIA

MUNICÍPIO
ESTÂNCIA TURÍSTICA DE OLÍMPIA/SP

PROJETO BÁSICO

PEÇA(S) GRÁFICA(S)
DETALHES LANÇAMENTO

ESCALA
Indicada

CÓDIGO
03/03

DATA
06/02/2026

REVISÃO
R01

ASSINATURAS

EUGENIO JOSÉ ZULIANI
PREFEITO MUNICIPAL
PROJETO APROVADO

LUIS CARLOS BENITES BIAGI
RESPONSÁVEL TÉCNICO
Engenheiro Civil
CREA/SP 162.831-2
ART. nº

DESENHOS
LEANDRO C. BATISTA

ARQUIVO
PROJETO – PAV. JOÃO FRANCESE.DWG

COORDENAÇÃO
SETOR DE PROJETOS
SECRETARIA DE OBRAS, ENGENHARIA E INFRAESTRUTURA

Folha A2 - 594 x 420 - 70000.0000.000.000.000.000.000 Brasília A1 A2 A3 A4 CAU/BR