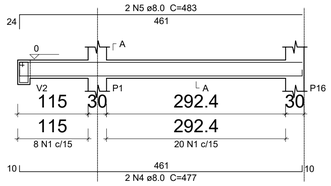
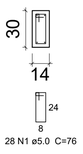
VIGAS BALDRAME-PORTAL

V1
ESC 1:50



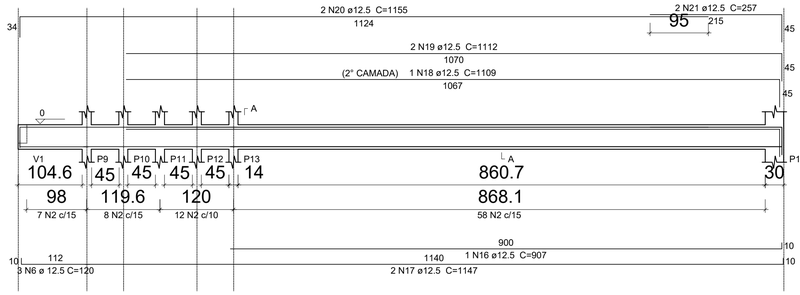
SEÇÃO A-A
ESC 1:25



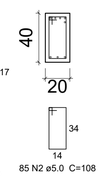
SUSPENSÃO V2
ESC 1:25



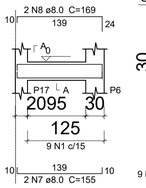
V2
ESC 1:50



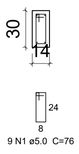
SEÇÃO A-A
ESC 1:25



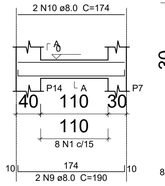
V3
ESC 1:50



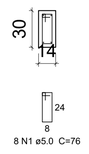
SEÇÃO A-A
ESC 1:25



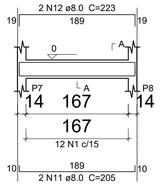
V4
ESC 1:50



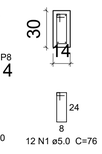
SEÇÃO A-A
ESC 1:25



V5
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V1 V2 V3
V4 V5 V6
V7 V8 V9

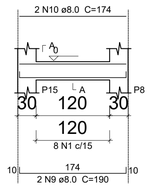
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	123	76	9348
	2	5.0	85	108	9180
	3	5.0	85	128	10880
CA50	4	8.0	2	477	954
	5	8.0	2	483	966
	6	8.0	3	120	360
	7	8.0	2	155	310
	8	8.0	2	169	338
	9	8.0	4	190	760
	10	8.0	4	174	696
	11	8.0	4	205	820
	12	8.0	4	223	892
	13	8.0	2	744	1488
	14	8.0	2	753	1506
	15	10.0	1	109	109
	16	12.5	1	907	907
	17	12.5	2	1147	2294
	18	12.5	1	1109	1109
	19	12.5	2	1112	2224
	20	12.5	2	1155	2310
	21	12.5	2	257	514
	22	12.5	2	1066	2132
	23	12.5	2	187	374
	24	12.5	2	1135	2270
	25	12.5	2	200	400

Resumo do aço

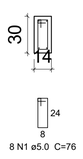
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	90.9	39.5
	10.0	1.1	0.7
	12.5	145.4	154
CA60	5.0	294.1	49.9
PESO TOTAL			
CA50	194.2		
CA60	49.9		

Vol. de concreto total (C-25) = 3.38 m³
Área de forma total = 41.75 m²

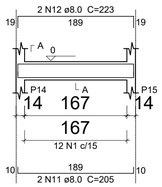
V6
ESC 1:50



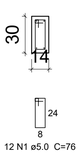
SEÇÃO A-A
ESC 1:25



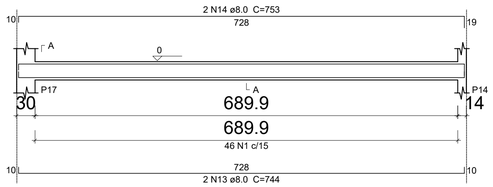
V7
ESC 1:50



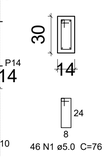
SEÇÃO A-A
ESC 1:25



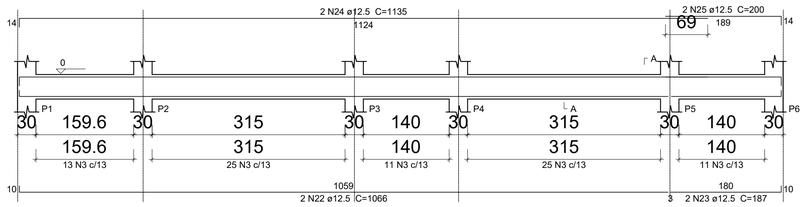
V8
ESC 1:50



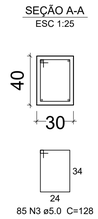
SEÇÃO A-A
ESC 1:25



V9
ESC 1:50

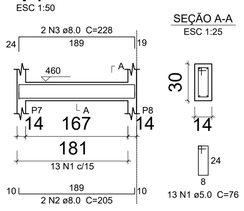


SEÇÃO A-A
ESC 1:25



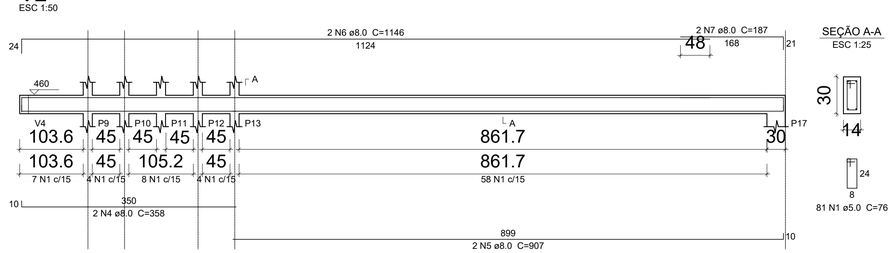
VIGAS MURO

V1
ESC 1:50



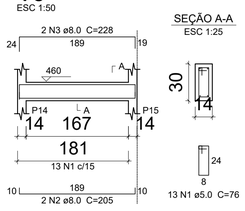
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



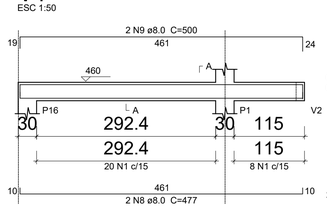
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50

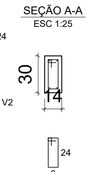


SEÇÃO A-A
ESC 1:25

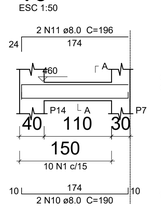
V4
ESC 1:50



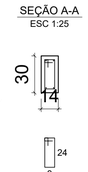
SEÇÃO A-A
ESC 1:25



V5
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V1 V2 V3
V4 V5 V6

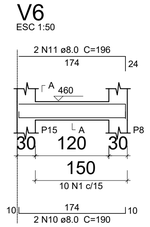
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	155	76	11780
CA50	2	8.0	4	205	820
	3	8.0	4	228	912
	4	8.0	2	358	716
	5	8.0	2	907	1814
	6	8.0	2	1146	2292
	7	8.0	2	187	374
	8	8.0	2	477	954
	9	8.0	2	500	1000
	10	8.0	4	190	760
	11	8.0	4	196	784

Resumo do aço

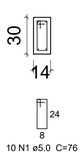
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	104.3	45.3
CA60	5.0	117.8	20
PESO TOTAL			
CA50	45.3		
CA60	20		

Vol. de concreto total (C-25) = 1.04 m³
Área de forma total = 18.26 m²

V6
ESC 1:50



SEÇÃO A-A
ESC 1:25



PREFEITURA MUNICIPAL DE GUAÇUÍ
ESTADO DO ESPÍRITO SANTO

PROJETO ESTRUTURAL

OBRA:
PROJETO DE REFORMA REQUALIFICAÇÃO URBANA
DA AV. AGENOR LUIZ THOMÉ

CONTEÚDO:
PORTAL

LOCAL: AV. AGENOR LUIZ THOMÉ - (BEIRA RIO) GUAÇUÍES

* DIMENSÕES DO DESENHO EM METRO
** ESCALA INDICADA EM PLANTAS

DATA: JUNHO/26

MODIFICAÇÕES:

FOLHA: 08/18

ÁREAS:

ARQUIVO Nº: ESTRUT-001

ASSINATURA:

PAULO VICTOR TEIXEIRA DEASCÂNIO
CREA-ES-050212/D