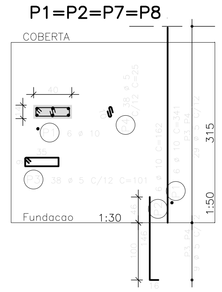
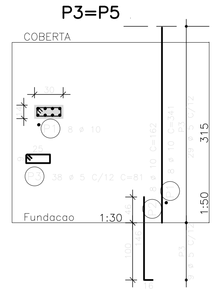
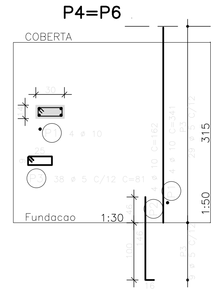
P1=P2=P7=P8



P3=P5

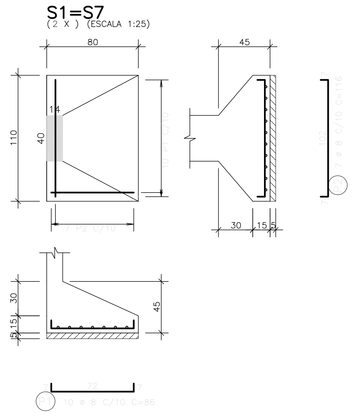


P4=P6



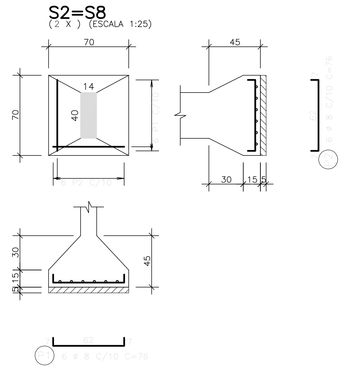
S1=S7

(1 X 1) (ESCALA 1:25)



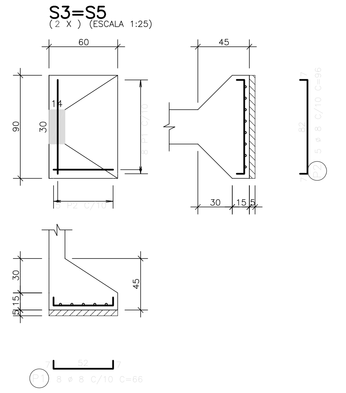
S2=S8

(1 X 1) (ESCALA 1:25)



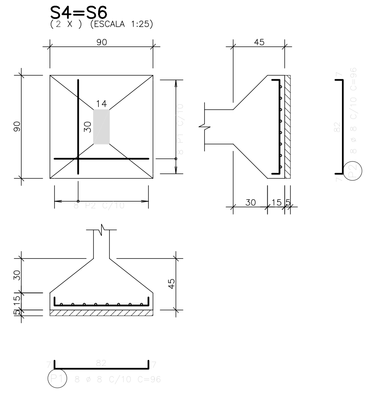
S3=S5

(1 X 1) (ESCALA 1:25)

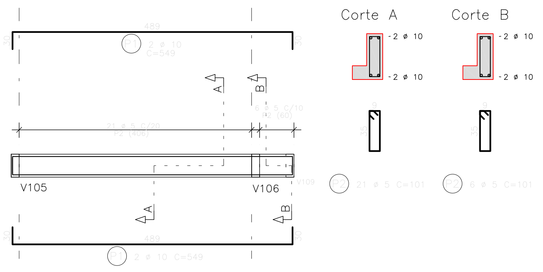


S4=S6

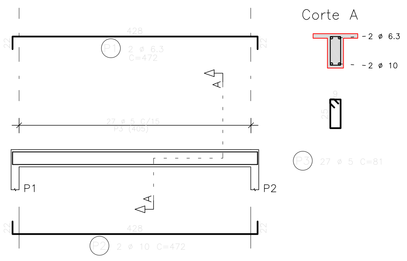
(1 X 1) (ESCALA 1:25)



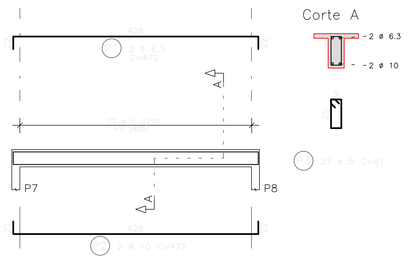
V101 14/40



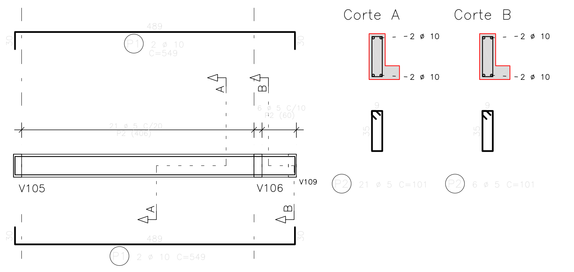
V102 14/30



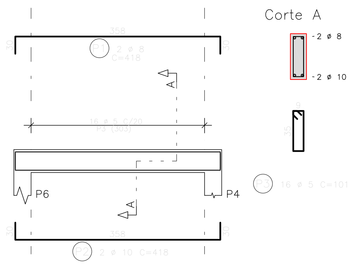
V103 14/30



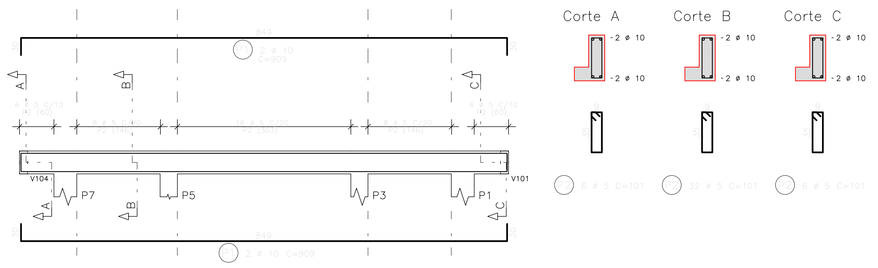
V104 14/40



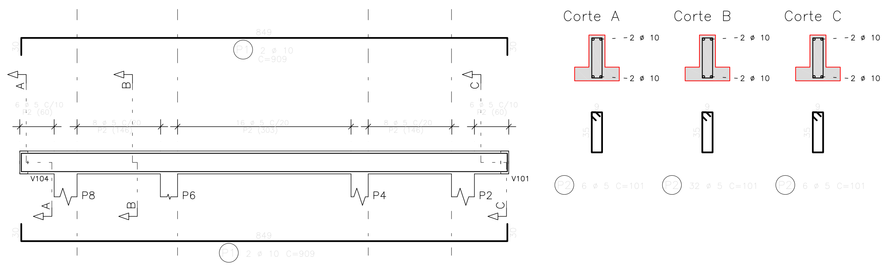
V107 14/40



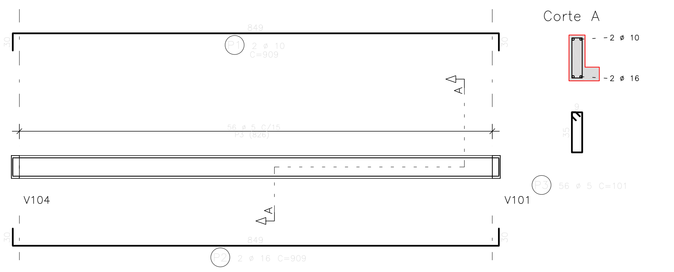
V105 14/40



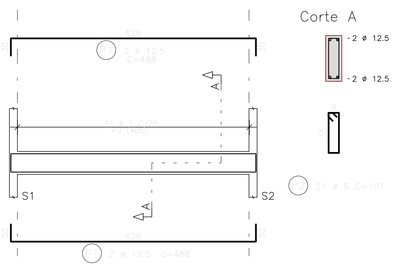
V106 14/40



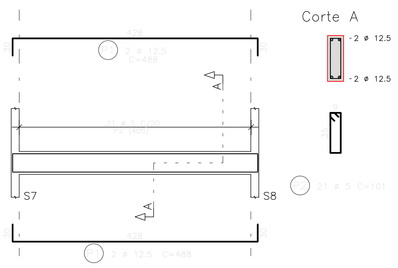
V109 14/40



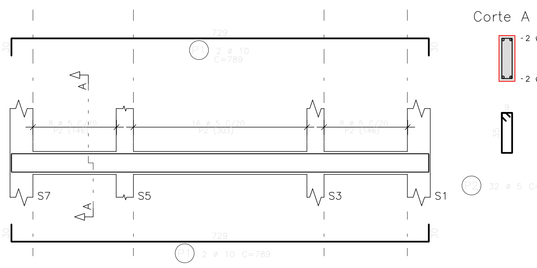
V1 14/40



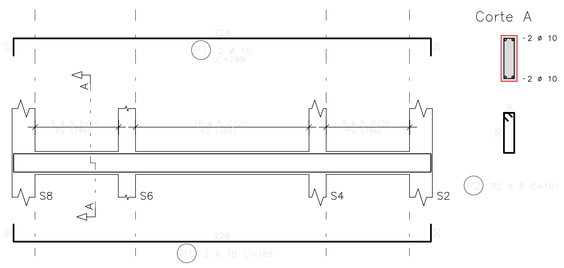
V2 14/40



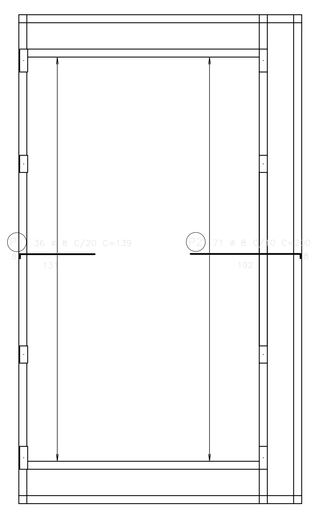
V3 14/40



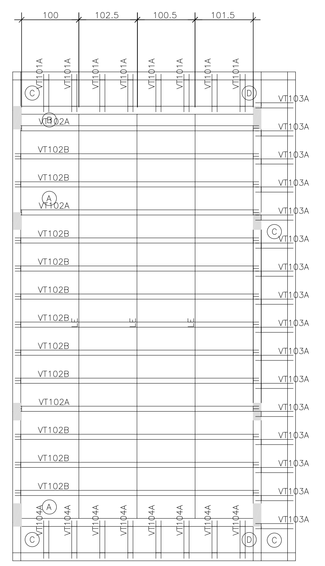
V4 14/40



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
P1=P2=P7=P8	(X4)				
50A	1	10	24	341	8184
50A	2	10	24	162	3888
60	3	5	152	101	15352
60	4	5	152	25	3800
P3=P5	(X2)				
50A	1	10	16	341	5456
50A	2	10	16	162	2592
60	3	5	76	81	6156
P4=P6	(X2)				
50A	1	10	8	341	2728
50A	2	10	8	162	1296
60	3	5	76	81	6156
S1=S7	(X2)				
50A	1	8	20	86	1720
50A	2	8	14	116	1624
S2=S8	(X2)				
50A	1	8	12	76	912
50A	2	8	12	76	912
S3=S5	(X2)				
50A	1	8	16	66	1056
50A	2	8	10	96	960
S4=S6	(X2)				
50A	1	8	16	96	1536
50A	2	8	16	96	1536
V1					
50A	1	12.5	4	488	1952
60	2	5	21	101	2121
V2					
50A	1	12.5	4	488	1952
60	2	5	21	101	2121
V3					
50A	1	10	4	789	3156
60	2	5	32	101	3232
V4					
50A	1	10	4	789	3156
60	2	5	32	101	3232
V101					
50A	1	10	4	549	2196
60	2	5	27	101	2727
V102					
50A	1	6.3	2	472	944
50A	2	10	2	472	944
60	3	5	27	81	2187
V103					
50A	1	6.3	2	472	944
50A	2	10	2	472	944
60	3	5	27	81	2187
V104					
50A	1	10	4	549	2196
60	2	5	27	101	2727
V105					
50A	1	10	4	909	3636
60	2	5	44	101	4444
V106					
50A	1	10	4	909	3636
60	2	5	44	101	4444
V107					
50A	1	8	2	418	836
50A	2	10	2	418	836
60	3	5	16	101	1616
V109					
50A	1	10	2	909	1818
50A	2	16	2	909	1818
60	3	5	56	101	5656
50A	1	8	36	139	5004
50A	2	8	71	200	14200



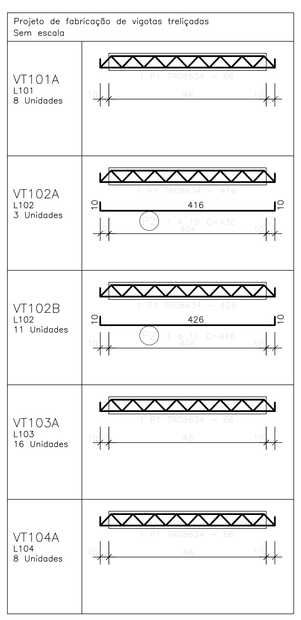
ARMAÇÃO NEGATIVA HORIZONTAL–CASA DO GERADOR
ESCALA: 1/50



LE = LINHA DE ESCORAMENTO

PLANTA DE MONTAGEM DAS TRELIÇAS–CASA DO GERADOR
ESCALA: 1/50

Projeto de fabricação de vigotas treliçadas
Sem escala



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
VT101A (X8)					
TR08634	1		8	66	528
VT102A (X3)					
TR08634	1		3	416	1248
50A	2	10	3	436	1308
VT102B (X11)					
TR08634	1		11	426	4686
50A	2	10	11	446	4906
VT103A (X16)					
TR08634	1		16	66	1056
VT104A (X8)					
TR08634	1		8	66	528

RESUMO AÇO CA 50–60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
TR08634		80	50
50A	10	62	38
Peso Total TR08634 =			50 kg
Peso Total 50A =			38 kg

NOTA:
CONFERIR INFORMAÇÕES DA TABELA ACIMA
NA OBRA ANTES DA COMPRA DAS ARMADURAS.

Relação de blocos de enchimento				
Legenda		Quant	Dimensões Larg (cm)	Dimensões Compr (cm)
EPS Unidirecional H08/40/100				
	A	56	40.0	100.0
	B	6	20.0	100.0
	C	33	40.0	46.0
	D	2	14.0	46.0

RESUMO AÇO CA 50–60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	682	105
50A	6.3	19	5
50A	8	303	120
50A	10	467	288
50A	12.5	39	38
50A	16	18	29
Peso Total 60 =			105 kg
Peso Total 50A =			478 kg

NOTA:
CONFERIR INFORMAÇÕES DA TABELA ACIMA
NA OBRA ANTES DA COMPRA DAS ARMADURAS.

Estimativa de consumo de blocos			
Fabricante	Inteiros	Cortados	Total
EPS Unidirecional H08/40/100	56	19	75

Tabela de Vigotas Treliçadas

Dados			Vãos / Apoios				Armação Treliçada			Armadura Adicional (1)						Armadura Adicional (2)					
Laje	Vigota	No	LapE cm	Liv cm	LapD cm	Ltot cm	Treliça	Unit cm	Total cm	No bar	ø mm	DE cm	DD cm	Unit cm	Total cm	No bar	ø mm	DE cm	DD cm	Unit cm	Total cm
L101	VT101A	8	10	46	10	66	TR08634	66	528												
	VT102A	3	2	404	10	416	TR08634	416	1248	1	10.0	10	10	436	1308						
L102	VT102B	11	10	406	10	426	TR08634	426	4686	1	10.0	10	10	446	4906						
L103	VT103A	16	10	46	10	66	TR08634	66	1056												
L104	VT104A	8	10	46	10	66	TR08634	66	528												

OBS.: CONFERIR MEDIDAS NO LOCAL, SUBMETER A ANÁLISE DE ENGENHEIRO RESPONSÁVEL

REV.	MODIFICAÇÃO	DATA	RESP.
00	EMISSÃO INICIAL	OUT./2017	

atp engenharia
CONCREMAT engenharia
PREFEITURA DE MACEIÓ
JUNTOS CONSTRUÍMOS UM NOVO SONHO

COORDENADOR DO PROJETO	CREA	AUTORES DO PROJETO/RESP. TÉCNICO	CREA / CAU	DESENHISTA
COORDENADOR DO CONTRATO	CREA	CO-AUTOR DO PROJETO	CREA / CAU	ESCALA: 1:50 / DATA: OUT./2017

CLIENTE: PREFEITURA MUNICIPAL DE MACEIÓ
SECRETARIA: SEMINFRA
PROJETO: REDE DE FRIO
SECRETARIA SOLICITANTE: SMS
LOCALIZAÇÃO: ÁREA DE EQUIPAMENTO COMUNITÁRIO II, LOTEAMENTO DURVILLE, RUA EM PROJETO M, Nº10, CLIMA BOM, MACEIÓ - AL
ESPECIALIDADE: ESTRUTURAS DE CONCRETO
ESPECIFICAÇÃO DO DOCUMENTO: Armação dos pilares, sapatas, vigas e lajes da Casa do Gerador,
CLASSE DO PROJETO: PROJETO BÁSICO
TIPO DE OBRA: CONSTRUÇÃO
ÁREA DO PROJETO: 531,11m²
CODIFICAÇÃO: 236.01-RFR-PB-PP-C00-07de18-R00