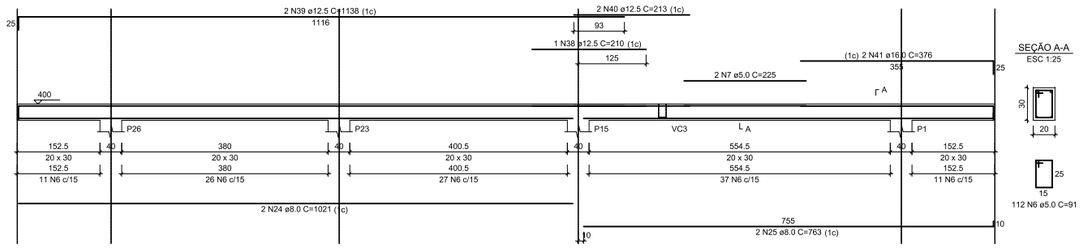
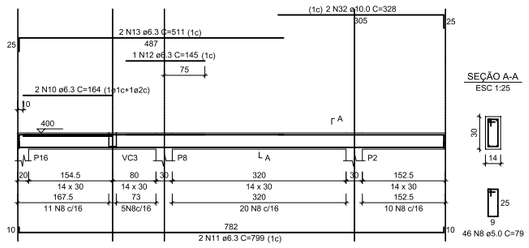
VC9
ESC 1:50



SEÇÃO A-A
ESC 1:25

VC10
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

12xP1 11xP2 3xP6
P10 2xP16 P23
V9 V10 V13
V14 V16 V17
V18

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	476	29	13804
	2	5.0	442	107	47294
	3	5.0	510	75	38250
	4	5.0	102	23	2346
	5	5.0	68	87	5916
	6	5.0	224	91	20384
	7	5.0	2	225	450
	8	5.0	173	79	13667
	9	5.0	12	99	1188
CA50	10	6.3	2	164	328
	11	6.3	2	799	1598
	12	6.3	1	145	145
	13	6.3	2	511	1022
	14	6.3	2	791	1582
	15	6.3	1	175	175
	16	6.3	1	490	490
	17	6.3	2	829	1658
	18	6.3	2	630	1260
	19	6.3	1	115	115
	20	6.3	2	675	1350
	21	6.3	2	74	148
	22	6.3	3	329	987
	23	6.3	2	782	1564
	24	8.0	2	1021	2042
	25	8.0	2	763	1526
	26	8.0	3	298	894
	27	8.0	2	200	400
	28	8.0	2	828	1656
	29	8.0	2	1061	2122
	30	8.0	2	795	1590
	31	10.0	158	438	69204
	32	10.0	2	328	656
	33	10.0	2	195	390
	34	10.0	1	175	175
	35	10.0	1	225	225
	36	10.0	2	1199	2398
	37	10.0	2	717	1434
	38	12.5	1	210	210
	39	12.5	2	1138	2276
	40	12.5	2	213	426
	41	16.0	2	376	752

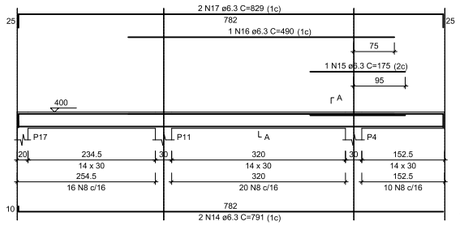
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	124.2	12	33.4
	8.0	102.3	10	44.4
	10.0	744.8	69	505.1
	12.5	29.1	3	30.9
	16.0	7.5	1	13.1
CA60	5.0	1433	-	243

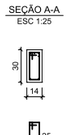
PESO TOTAL (kg)	
CA50	626.9
CA60	243

Volume de concreto (C-25) = 10.74 m³
Área de forma = 176.94 m²

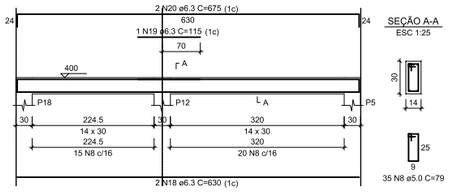
VC13
ESC 1:50



SEÇÃO A-A
ESC 1:25

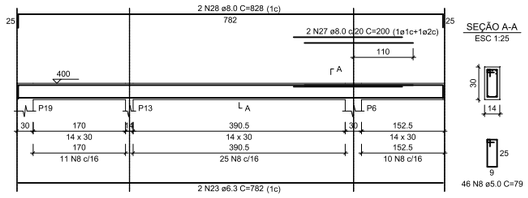


VC14
ESC 1:50



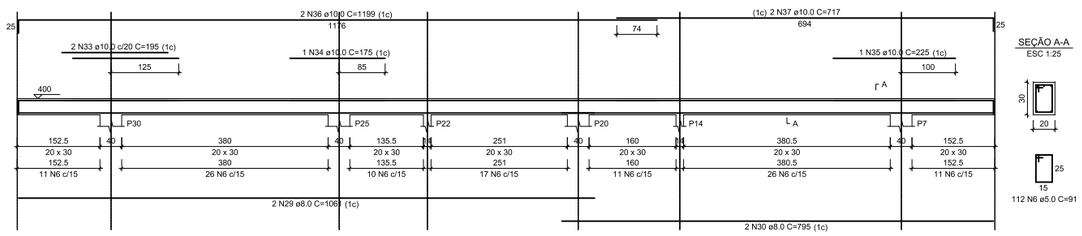
SEÇÃO A-A
ESC 1:25

VC17
ESC 1:50



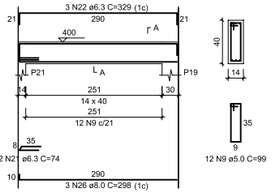
SEÇÃO A-A
ESC 1:25

VC18
ESC 1:50



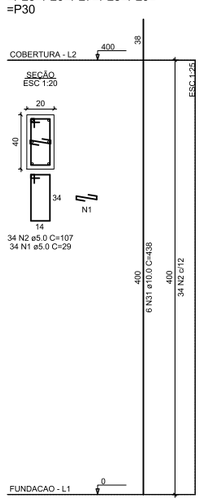
SEÇÃO A-A
ESC 1:25

VC16
ESC 1:50

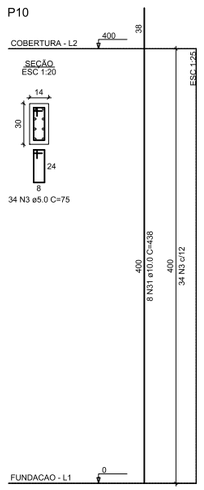


SEÇÃO A-A
ESC 1:25

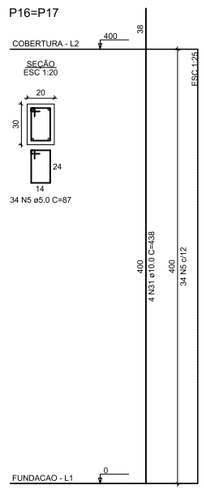
P1=P3=P7=P15=P20=P24= =P25=P26=P27=P28=P29= =P30



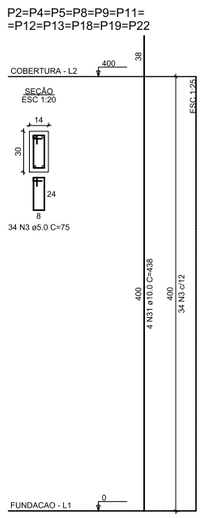
P10



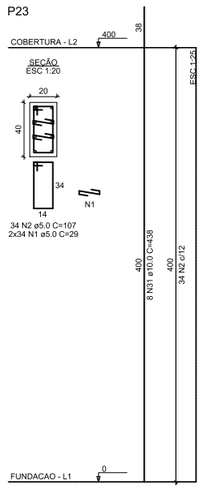
P16=P17



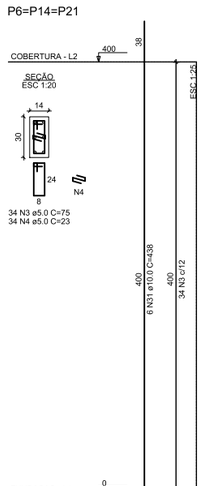
P2=P4=P5=P8=P9=P11= =P12=P13=P18=P19=P22



P23



P6=P14=P21



PREFEITURA MUNICIPAL DE MONTE ALTO - SP

SECRETARIA DE TURISMO E CULTURA

OBRA:
REVITALIZAÇÃO DO CENTRO CÍVICO E CULTURAL "DOUTOR ELIAS BAHDUR"

ENDEREÇO:
CENTRO CÍVICO E CULTURAL "DOUTOR ELIAS BAHDUR"
RUA QUINZE DE MAIO, Nº 740-840 - CENTRO - MONTE ALTO S.P

PAVILHÃO DE CONVIVÊNCIA
Fl 12/24

PROJETO ESTRUTURAL - VIGAS E PILARES

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Prefeito Municipal de Monte Alto
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AUTORES DO PROJETO:

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Arquiteto e Urbanista
CAU: A1687-0

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Roniery Rodrigo Felix da Silva
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ART: 28027230181190118

Fabricio Fernando Belodi
Engenheiro Civil - CREA: 506.924.770-9
ART: 28027230181198687

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MARCOS ROBERTO MANTOVANI
Secretário de Finanças e Orçamento
CRC nº. SP-289923/O-3

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Arquiteto e Urbanista - CAU: A16870-0
RRT: 7458366

JOÃO PAULO ZERBINATI
Engenheiro Civil - Crea: 506.926.344-0
ART: 28027230181176518

ÁREA CONSTRUIR : ..... 285,00 m²
(Pavilhão de Convivência)

DATA: Agosto
UNIDADE : metro
ESCALA : Indicada