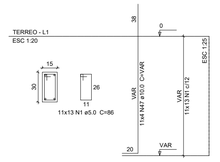
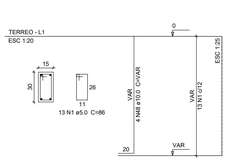
P1=P2=P3=P4=P5=P6=P7=P9=P11=P12=P13



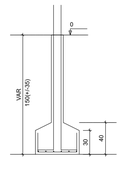
P14



S1=S2=S3=S4=S5=S6=S7=S9=S11=S12=S13=S14

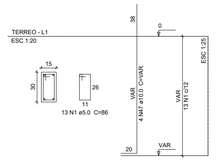
PLANTA
ESC 1:25

CORTE
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

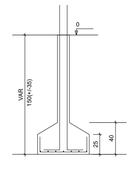
P8=P10



S8=S10

PLANTA
ESC 1:25

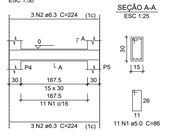
CORTE
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

V1

ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

COBERTURA:	13xP1				
TERREO:	S1	2xS10			
	V1	V2			
	V3	V4			
	V5	V6			
	V7	V8			
	V9	V10			
	V11	V12			
	V13	V14			
	V15	V16			
	V17	V18			
	V19				

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	910	86	78260
CA50	2	6.3	6	224	1344
	3	6.3	6	231	1386
	4	6.3	3	208	624
	5	6.3	4	419	1676
	6	6.3	6	78	468
	7	6.3	1	215	215
	8	6.3	6	416	2496
	9	6.3	8	80	640
	10	6.3	6	378	2268
	11	6.3	6	369	2214
	12	6.3	1	248	248
	13	6.3	4	75	300
	14	6.3	2	425	850
	15	6.3	2	406	812
	16	6.3	2	98	196
	17	6.3	2	415	830
	18	6.3	1	218	218
	19	6.3	2	426	852
	20	6.3	2	435	870
	21	6.3	1	116	116
	22	6.3	5	310	1550
	23	6.3	1	320	320
	24	6.3	7	430	3010
	25	6.3	7	438	3066
	26	6.3	1	126	126
	27	6.3	5	225	1125
	28	6.3	5	95	475
	29	6.3	1	131	131
	30	6.3	5	230	1150
	31	6.3	1	130	130
	32	6.3	5	318	1590
	33	6.3	1	325	325
	34	6.3	2	220	440
	35	6.3	4	728	2912
	36	6.3	1	130	130
	37	6.3	2	399	798
	38	6.3	3	82	246
	39	6.3	2	430	860
	40	6.3	1	198	198
	41	6.3	2	409	818
	42	6.3	2	433	866
CA60	43	7.0	20	94	1880
	44	7.0	14	109	1526
CA50	45	8.0	96	93	8928
	46	8.0	72	108	7776
	47	10.0	52	VAR	VAR
	48	10.0	4	VAR	VAR
	49	10.0	52	298	15496

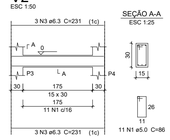
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 5 % (kg)
CA50	6.3	388.9	99.9
	8.0	167.1	69.2
	10.0	268.8	174
CA60	5.0	782.6	126.7
	7.0	34.1	10.8
PESO TOTAL (kg)			
CA50	343.1		
CA60	137.5		

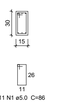
Volume de concreto (C-25) = 7.87 m³
Área de forma = 118.23 m²

V2

ESC 1:50

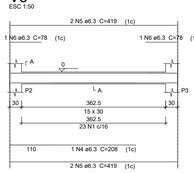


SEÇÃO A-A
ESC 1:25



V3

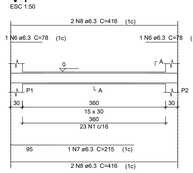
ESC 1:50



SEÇÃO A-A
ESC 1:25

V4

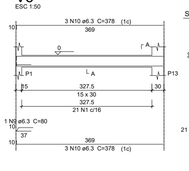
ESC 1:50



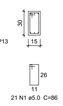
SEÇÃO A-A
ESC 1:25

V5

ESC 1:50

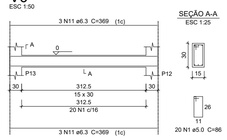


SEÇÃO A-A
ESC 1:25



V6

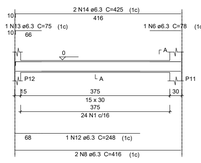
ESC 1:50



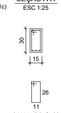
SEÇÃO A-A
ESC 1:25

V7

ESC 1:50

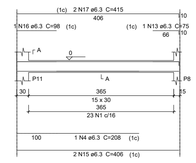


SEÇÃO A-A
ESC 1:25

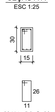


V8

ESC 1:50

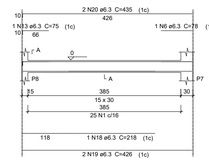


SEÇÃO A-A
ESC 1:25

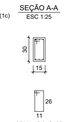


V9

ESC 1:50

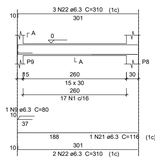


SEÇÃO A-A
ESC 1:25

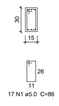


V10

ESC 1:50

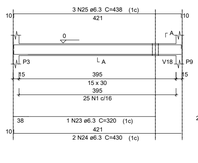


SEÇÃO A-A
ESC 1:25



V11

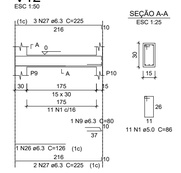
ESC 1:50



SEÇÃO A-A
ESC 1:25

V12

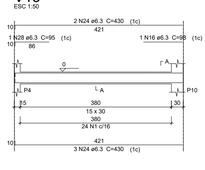
ESC 1:50



SEÇÃO A-A
ESC 1:25

V13

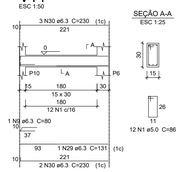
ESC 1:50



SEÇÃO A-A
ESC 1:25

V14

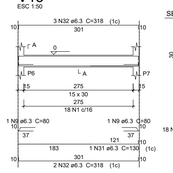
ESC 1:50



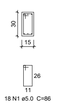
SEÇÃO A-A
ESC 1:25

V15

ESC 1:50

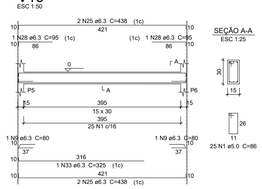


SEÇÃO A-A
ESC 1:25

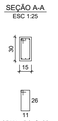


V16

ESC 1:50



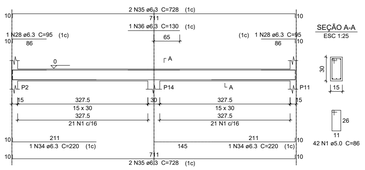
SEÇÃO A-A
ESC 1:25



P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12=P13

V17

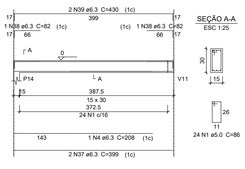
ESC 1:50



SEÇÃO A-A
ESC 1:25

V18

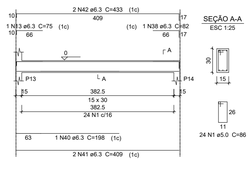
ESC 1:50



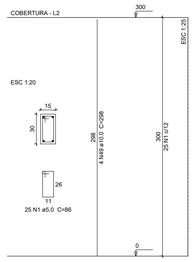
SEÇÃO A-A
ESC 1:25

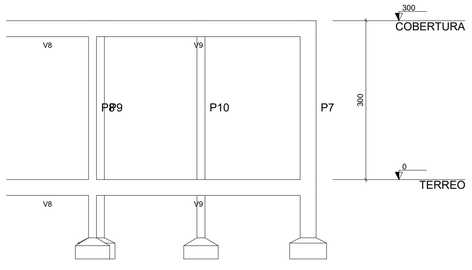
V19

ESC 1:50



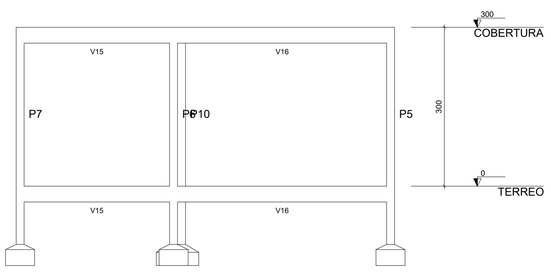
SEÇÃO A-A
ESC 1:25





Corte C-C

escala 1:50



Corte D-D

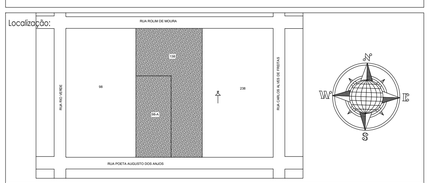
escala 1:50

Título:	AMPLIAÇÃO E REFORMA DA COZINHA E REFEITÓRIO EMEI ALTENIR TAVARES DE OLIVEIRA
Folha:	02\03
Conteúdo:	PROJETOS ESTRUTURAL CORTES E CÁLCULOS
Local da Obra:	AV. POETA AUGUSTO DOS ANJOS Nº 4060, BAIRRO BEIRA RIO, ROLIM DE MOURA-RO
Proprietário (a):	O MUNICÍPIO DE ROLIM DE MOURA
CPF	04.394.805/0001-18
Data: NOV/25	Escala: Indicada
ART Nº:	8500437304

Quadro de Áreas:

	TOTAL
ÁREA DE CONSTRUÇÃO	86.87 M²
ÁREA DE REFORMA	102.67 M²
ÁREA TOTAL	189.54 M²
ÁREA DO TERRENO	5.976.00 M²

Localização:



Responsável Técnico:

Documento assinado digitalmente
gov.br VLADIMIR LUIS CARDOSO DE ALMEIDA
Data: 28/11/2025 12:35:06-0300
Verifique em https://validar.iti.gov.br

VLADIMIR L. C. DE ALMEIDA
Engenheiro Civil
CREA 17919 D-RO

Proprietário:

ALDAIR JULIO PEREIRA
PREFEITO MUNICIPAL

O MUNICÍPIO DE ROLIM DE MOURA
Aldair Julio Pereira
Prefeito