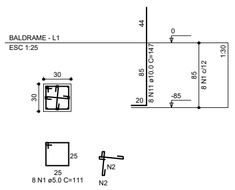
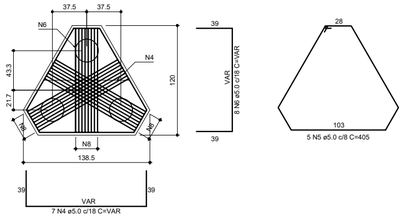
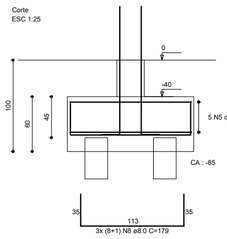
P1=P2=P3=P4



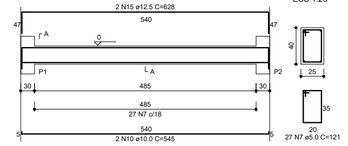
B1=B2=B3=B4
3ø25
Planta
ESC 1:25



Corte
ESC 1:25

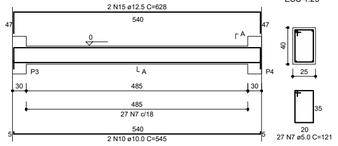


V1
1:50

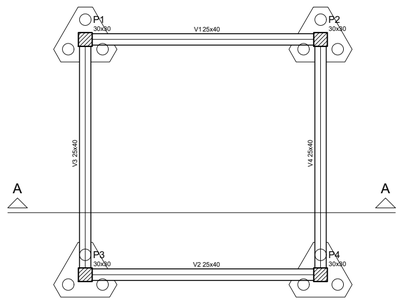


SEÇÃO A-A
ESC 1:25

V2
1:50



SEÇÃO A-A
ESC 1:25



Forma do pavimento BALDRAME
escala 1:50

RELAÇÃO DO AÇO

4xP1-L3	V1-L3	V2-L3	
V3-L3	V4-L3	4xP1-L2	
V1-L2	V2-L2	V3-L2	
V4-L2	4xB4-L1	4xP1-L1	
V1-L1	V2-L1	V3-L1	
V4-L1			

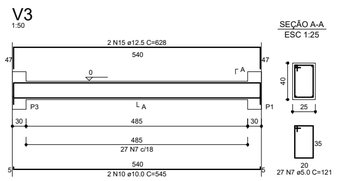
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	264	111	29304
	2	5.0	528	39	20592
	3	5.0	192	107	20544
	4	5.0	28	VAR	VAR
	5	5.0	20	405	8100
	6	5.0	32	VAR	VAR
	7	5.0	108	121	13068
50	8	8.0	108	179	19332
	9	10.0	64	384	24576
	10	10.0	16	545	8720
	11	10.0	32	147	4704
	12	12.5	8	562	4496
	13	12.5	8	544	4352
	14	12.5	8	644	5152
	15	12.5	8	628	5024

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	8.0	193.7	84.2
	10.0	380.0	257.8
	12.5	190.3	201.8
CA60	5.0	1036.9	175.6
PESO TOTAL			
CA50	543.8		
CA60	175.6		

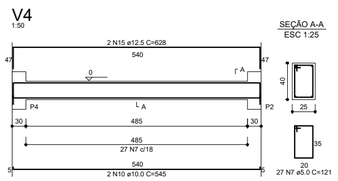
Vol. de concreto total (C-25) =10.68 m³
Área de forma total = 112.31 m²

V3
1:50



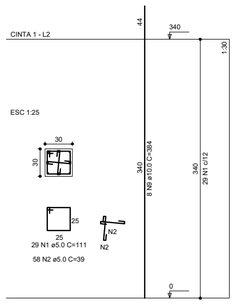
SEÇÃO A-A
ESC 1:25

V4
1:50

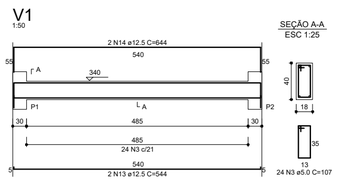


SEÇÃO A-A
ESC 1:25

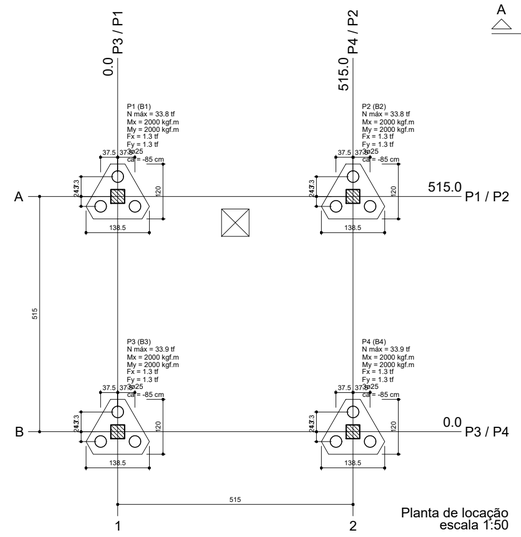
P1=P2=P3=P4



V1
1:50



SEÇÃO A-A
ESC 1:25



Planta de locação
escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	25x40	0	0
V2	25x40	0	0
V3	25x40	0	0
V4	25x40	0	0

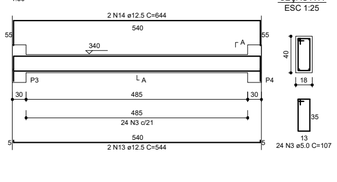
Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	30 x 30	0	0
P2	30 x 30	0	0
P3	30 x 30	0	0
P4	30 x 30	0	0

Características dos materiais		
fck (kgf/cm²)	Eci (kgf/cm²)	Abatimento (cm)
250	212874	12.00

Dimensão do agregado = 20 mm

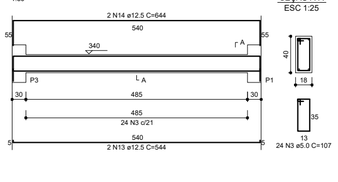
Legenda dos Pilares
- Pilar que morre
- Pilar que passa
- Pilar que nasce
- Pilar com mudança de seção

V2
1:50



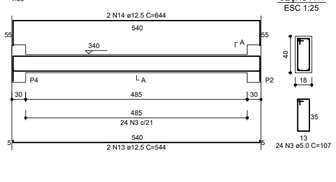
SEÇÃO A-A
ESC 1:25

V3
1:50



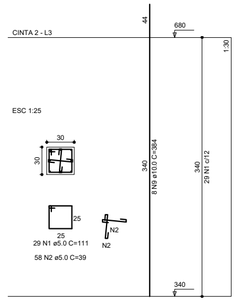
SEÇÃO A-A
ESC 1:25

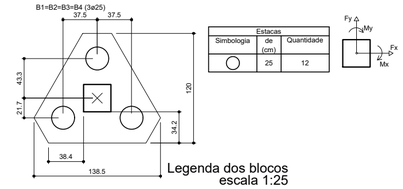
V4
1:50



SEÇÃO A-A
ESC 1:25

P1=P2=P3=P4

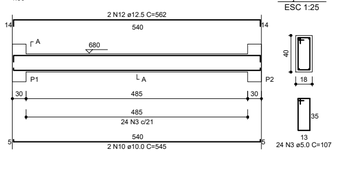




Estacas		
Simbologia	de (cm)	Quantidade
	25	12

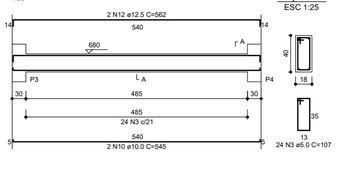
Legenda dos blocos
escala 1:25

V1
1:50



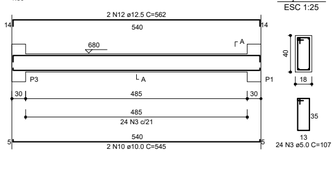
SEÇÃO A-A
ESC 1:25

V2
1:50



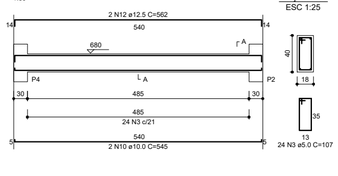
SEÇÃO A-A
ESC 1:25

V3
1:50



SEÇÃO A-A
ESC 1:25

V4
1:50



SEÇÃO A-A
ESC 1:25

Pilar					Fundação						Bloco			
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Mín. (tf)	Nome	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	de (cm)	ca (cm)	Base tub. (cm)
P1	30x30	0.0	515.0	33.8	13.8	B1	139	120	40	60	3	25	-85	
P2	30x30	515.0	515.0	33.8	13.8	B2	139	120	40	60	3	25	-85	
P3	30x30	0.0	0.0	33.9	13.9	B3	139	120	40	60	3	25	-85	
P4	30x30	515.0	0.0	33.9	13.9	B4	139	120	40	60	3	25	-85	

Corte A-A
escala 1:50

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PREFEITURA MUNICIPAL DE CARACARAI
SECRETARIA MUNICIPAL DE OBRAS E INFRA-ESTRUTURA

RESERVATÓRIO ELEVADO EM CONCRETO ARMADO 40 M³- PROJETO ESTRUTURAL 01/02

ESPECIFICAÇÃO: CAROLINA DO NORTE	ESCALA: 1/1000	MUNICÍPIO/UF: CARACARAI - RR	
EMENDA: 202642930005	ART DO PROJETO.: RR20260181365	DATA: 30/06/2026	