

FUNDAÇÃO - L1
ESC 1:20

30

15

4x8 N7 ϕ 100 C=75

38

VAR

20

4x8 N8 ϕ 100 C=VAR

0

VAR

4x9 N1 c/12

ESC 1:25

FUNDAÇÃO - L1

ESC 1:20

20 VAR

6 N9 ø10,0 C=VAR

30 VAR

4 N8 ø10,0 C=VAR

VAR

9 N1 c/12

ESC 1:25

$$P_1 = P_2 = P_3 = P_4$$

ESC 1:20

Technical drawing of a rectangular plate. The overall dimensions are 15 (width) and 30 (height). The central hole has a diameter of 9. The plate is shown in two views: a front view (top) and a side view (bottom). The side view shows a thickness of 24. The drawing is labeled with dimensions 15, 30, 9, and 24.

15
30
9
24

27 N1 $\varnothing$ 5.0 C=78
27 N3 $\varnothing$ 5.0 C=24

10 N9 Ø10.0 C=317

Technical drawing of the foundation for L1, showing a cross-section and a plan view.

Cross-section:

- Foundation width: 38
- Foundation height: 120
- Reinforcement: 6 N9 ϕ 10.0 C=VAR
- Top reinforcement: 20 VAR
- Bottom reinforcement: 20 VAR
- Top reinforcement: 38
- Bottom reinforcement: 4 N8 ϕ 10.0 C=VAR
- Top reinforcement: 0
- Bottom reinforcement: 9 N1 ϕ 12
- Top reinforcement: 20 VAR
- Bottom reinforcement: 9 N1 ϕ 12
- Top reinforcement: 0
- Bottom reinforcement: 9 N1 ϕ 12

Plan view:

- Foundation width: 15
- Foundation height: 15
- Reinforcement: 4 N8 ϕ 10.0 C=VAR
- Top reinforcement: 20 VAR
- Bottom reinforcement: 20 VAR
- Top reinforcement: 38
- Bottom reinforcement: 4 N8 ϕ 10.0 C=VAR
- Top reinforcement: 0
- Bottom reinforcement: 9 N1 ϕ 12
- Top reinforcement: 20 VAR
- Bottom reinforcement: 9 N1 ϕ 12
- Top reinforcement: 0
- Bottom reinforcement: 9 N1 ϕ 12

Labels:

- FUNDAÇÃO - L1
- ESC 1:20

S6
PLANTA
ESC 1:25

10 N5 ø8.0 c/10 C=113

Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P5=P6

ESC 1:20

27 N1 ø5.0 C=78

9 24

30 15

317

4 N9 ø10.0 C=317

320

27 N1 d/12

0

ESC 1

27 N1 ø5.0 C=78

Relação do aço

S1		S6			
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	54	78	4212
	2	5.0	18	24	432
	3	8.0	45	108	4860
	4	8.0	35	123	4305
	5	8.0	10	113	1130
	6	8.0	9	123	1107
	7	10.0	8	75	600
	8	10.0	40	VAR	VAR
	9	10.0	12	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	114.1	49.5
	10.0	82.2	55.7
CA60	5.0	46.5	7.9
PESO TOTAL (kg)			
CA50	105.2		
CA60	7.9		

Volume de concreto (C-25) = 1.75 m³
Área de forma = 10.58 m²

PLANTA
ESC 1:25

80

95

15

30

19

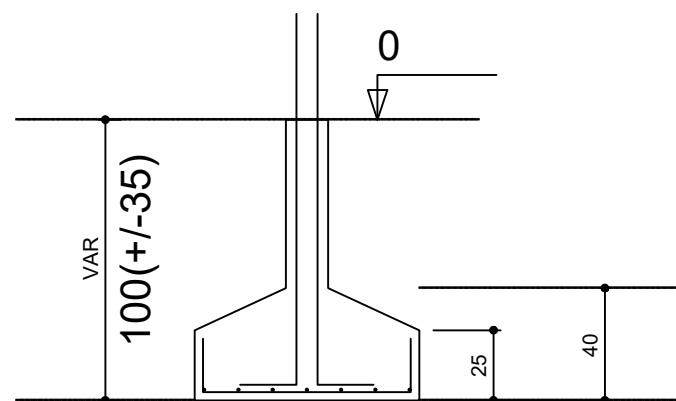
74

19

5x7 N4 ø8.0 c/12 C=123

Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

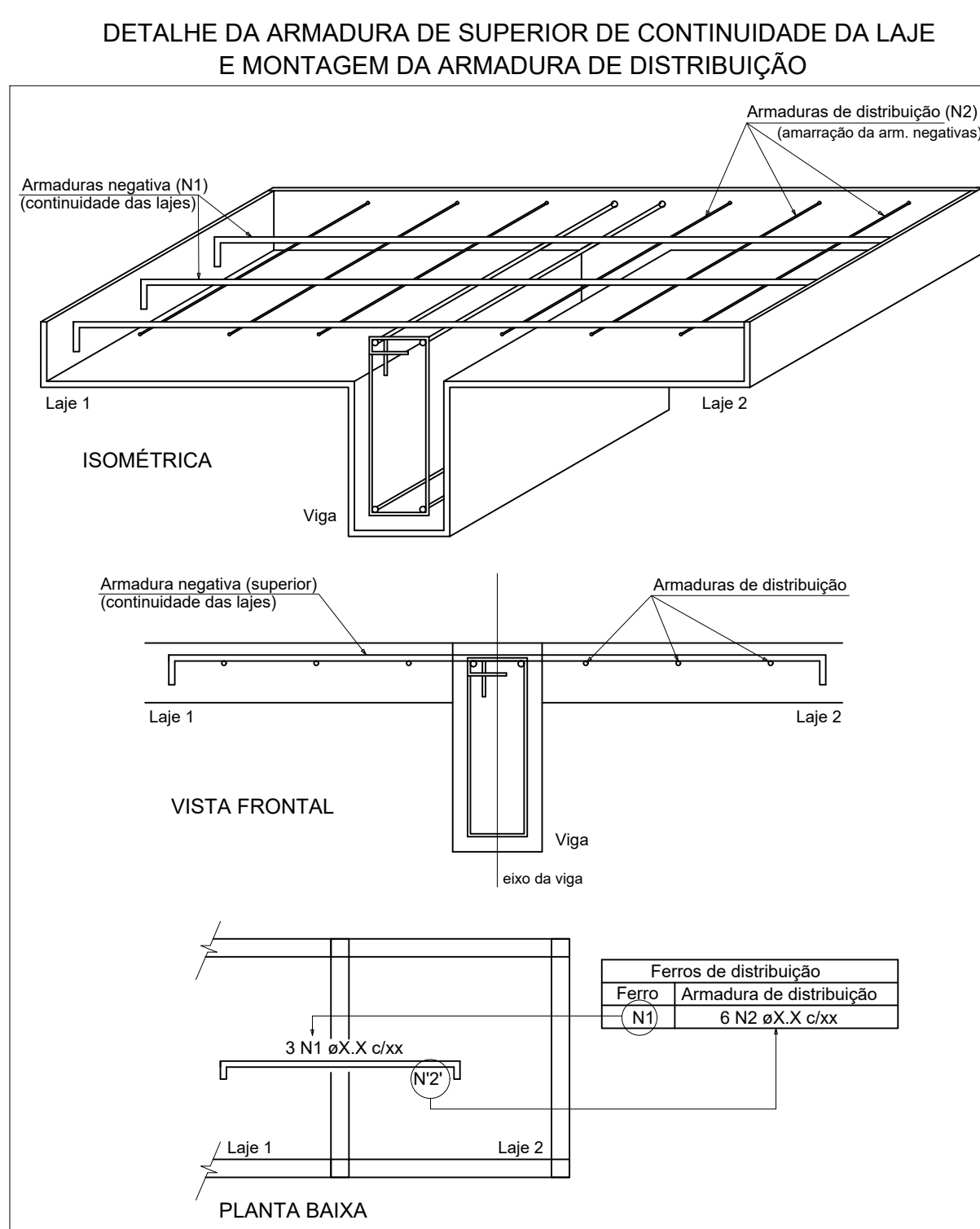


escala 1:50

Diagram of a four-core cable with a central shield. The cable has four outer conductors, each labeled 'N1 c/20' and 'Ø42'. A central shield is labeled 'L1'.

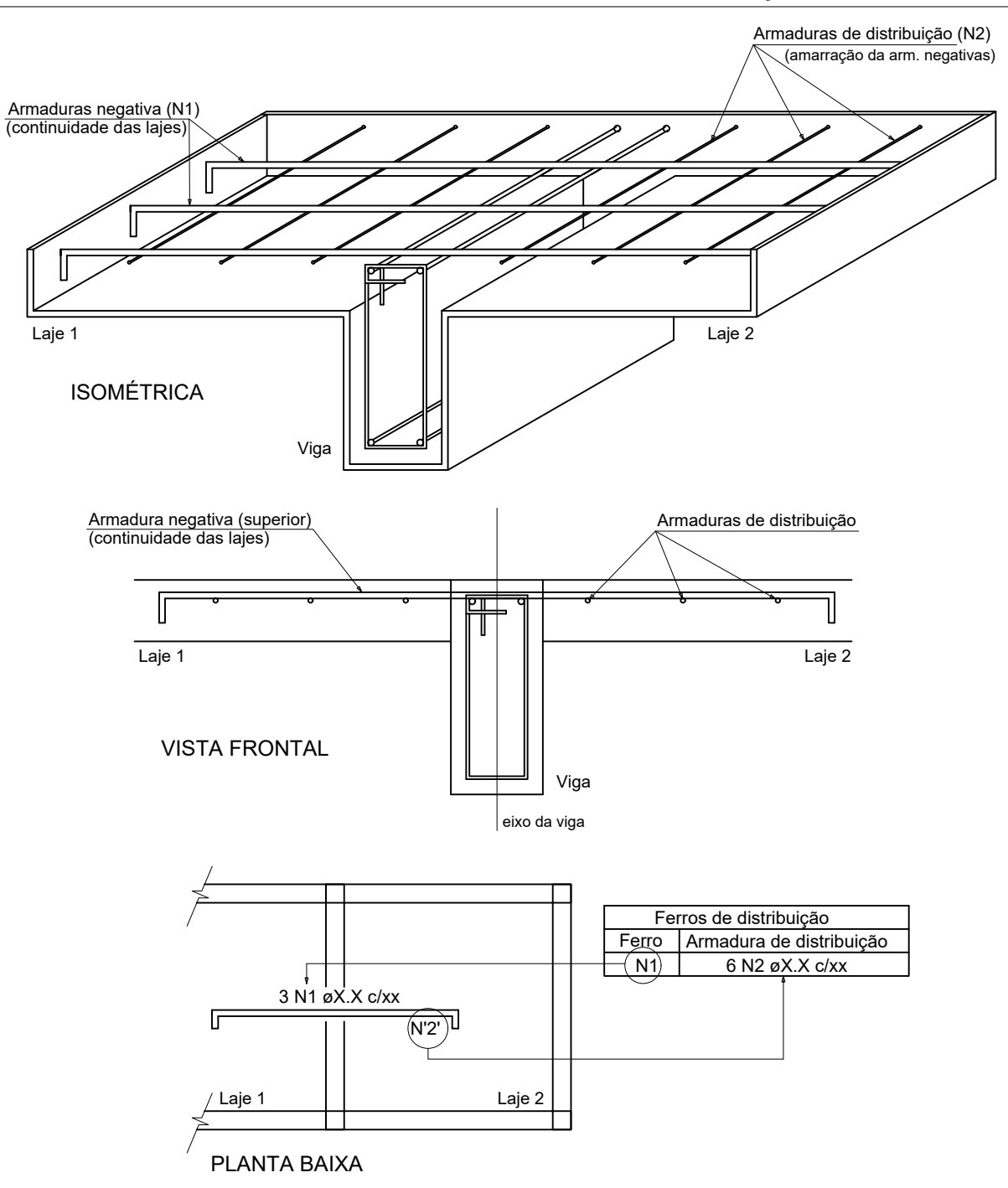
escala 1:50

Feros de distribuição	
Ferro	Armadura de distribuição
N1	4 N2 ϕ 5.0 c/20 C=186
N1	4 N2 ϕ 5.0 c/20 C=186
N1	4 N2 ϕ 5.0 c/20 C=186
N1	4 N2 ϕ 5.0 c/20 C=186



DETALHE DA ARMADURA DE SUPERIOR DE CONTINUIDADE DA LAJE

E MONTAGEM DA ARMADURA DE DISTRIBUIÇÃO



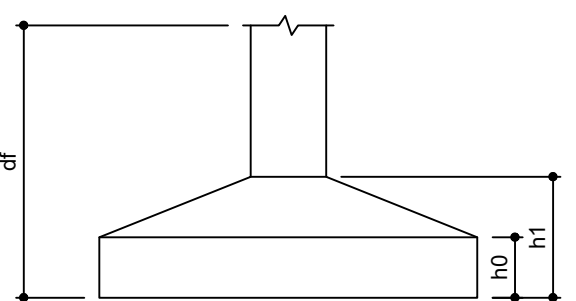
escala 1:50

Feros de distribuição	
Ferro	Armadura de distribuição
N1	4 N3 $\varnothing$ 5.0 c/20 C=485
N1	4 N3 $\varnothing$ 5.0 c/20 C=485

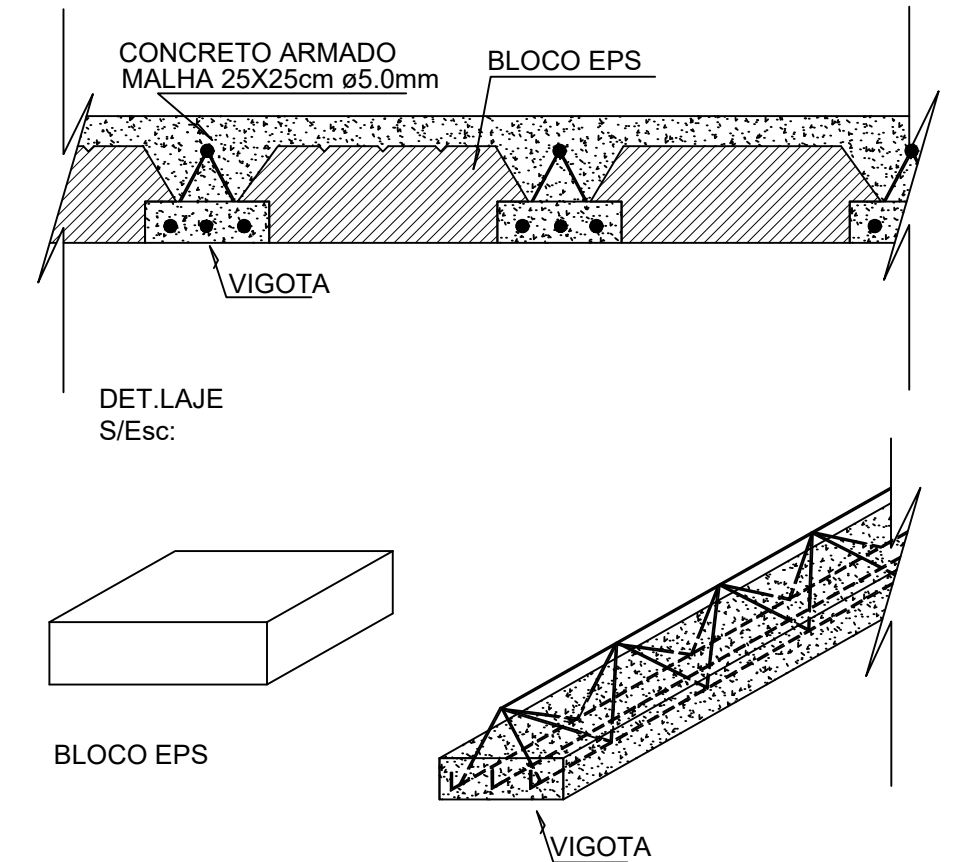
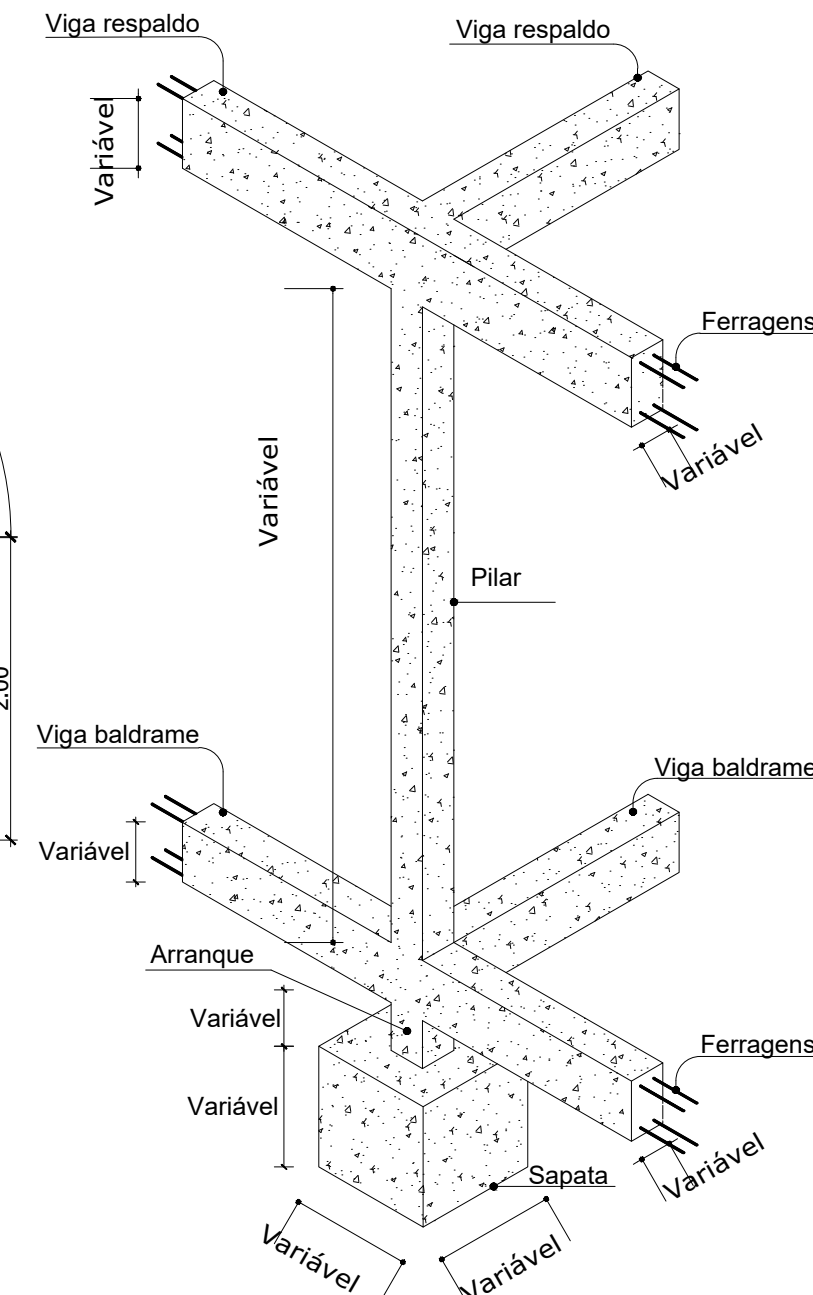
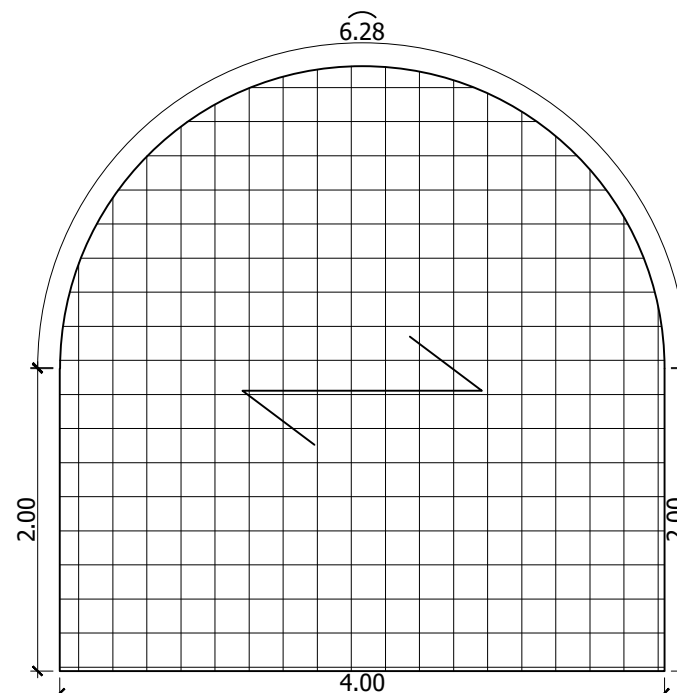
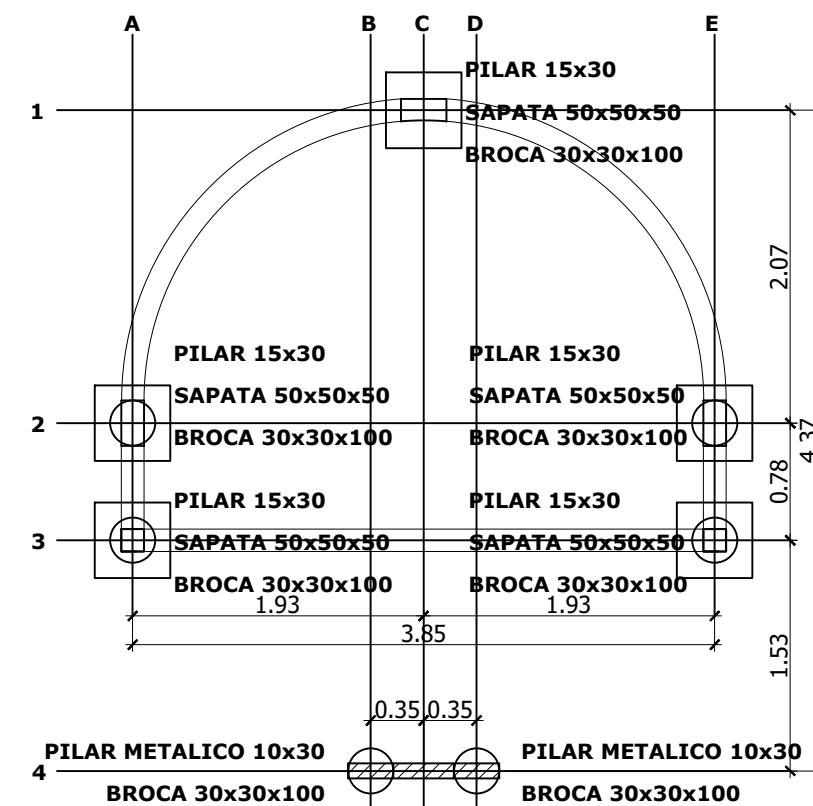
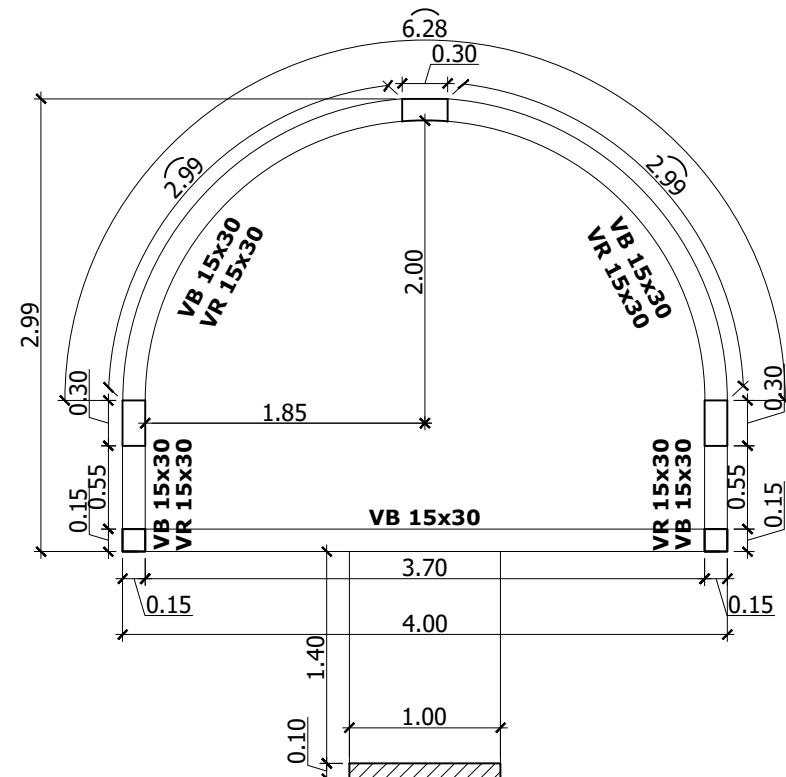
[illegible]

Planta de locação
escala 1:50

Pilar						Fundação				
Nome	Seção	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Min. (tf)	Lado B (cm)	Lado H (cm)	nº / h (cm)	h1 / hb (cm)	df (cm)
P1	15x30	107,50	-60,00	5,5	5,1	80	95	25	40	100
P2	15x30	107,50	-455,00	5,5	5,1	80	95	25	40	100
P3	15x30	592,50	-455,00	5,3	4,9	80	95	25	40	100
P4	15x30	592,50	-60,00	4,9	4,5	80	95	25	40	100
P5	15x30	107,50	-257,50	4,8	4,4	80	95	25	40	100
P6	15x30	592,50	-257,50	4,1	3,9	95	105	20	40	100



Localção no eixo X	
Coordenadas (cm)	Nome
107.50	P1, P5, P2
592.50	P4, P6, P3



NOTA:
DETALHE GENÉRICO DA ARMAÇÃO DAS NERVURAS DAS LAJES PRÉ-FABRICADAS.

