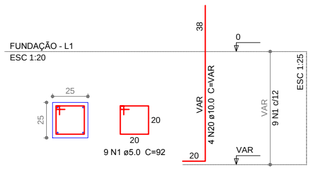
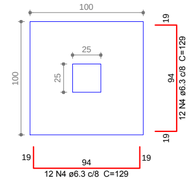
FUNDAÇÃO

P1=P2=P3=P4

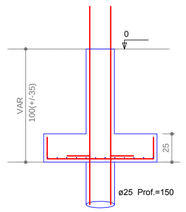


S1=S2=S3=S4

PLANTA
ESC 1:25



CORTE
ESC 1:25



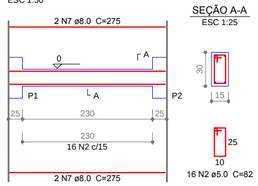
Solo compactado sobre a sapata

Medidas basicas podendo variar conforme local

*Sempre consultar projetista

V1=V2=V3=V4

ESC 1:50



SEÇÃO A-A
ESC 1:25

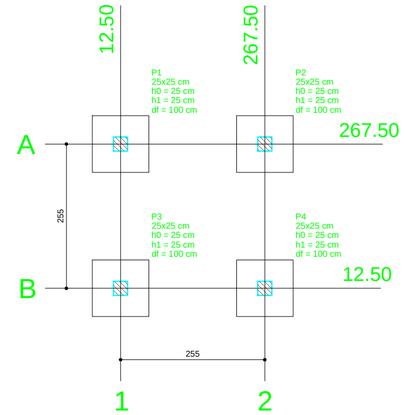
Relação do aço

Fundação: 4xS1 4xV1

Intermediario: 4xP1 4xV1

Topo: 4xP1 V5 Positivos X
4xV1 V6 Positivos Y

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	204	92	18768
	2	5.0	225	82	18450
	3	5.0	36	92	3312
CA50	4	6.3	96	129	12384
	5	6.3	10	VAR	VAR
	6	6.3	10	VAR	VAR
	7	8.0	32	275	8800
	8	8.0	4	160	640
	9	8.0	8	311	2488
	10	8.0	10	VAR	VAR
	11	8.0	6	VAR	VAR
	12	8.0	9	VAR	VAR
	13	8.0	6	VAR	VAR
	14	8.0	9	VAR	VAR
	15	8.0	6	VAR	VAR
	16	8.0	7	VAR	VAR
	17	8.0	6	VAR	VAR
	18	8.0	10	VAR	VAR
	19	8.0	6	VAR	VAR
	20	10.0	16	VAR	VAR
	21	10.0	16	272	4352
	22	10.0	8	275	2200
	23	10.0	1	182	182
	24	10.0	3	452	1356
	25	12.5	24	94	2256
	26	12.5	24	272	6528
	27	12.5	1	156	156
	28	12.5	2	388	776
	29	12.5	1	181	181
	30	12.5	2	415	830
	31	12.5	3	451	1353

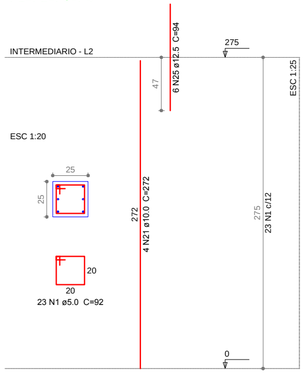


Planta de locação

PLANTA DE SITUAÇÃO
ESCALA 1/500

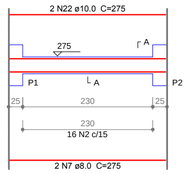
INTERMEDIARIO

P1=P2=P3=P4

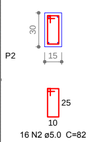


V1=V2=V3=V4

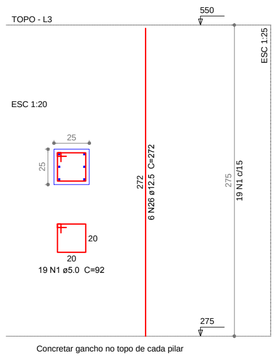
ESC 1:50



SEÇÃO A-A
ESC 1:25



P1=P2=P3=P4



Concretar gancho no topo de cada pilar

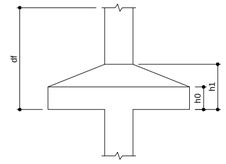
Resumo do aço

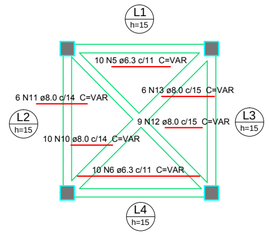
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	155.8	41.9
	8.0	196.5	85.3
	10.0	129.9	88.0
	12.5	120.8	128
CA60	5.0	405.3	68.7

PESO TOTAL	
CA50	327
CA60	68.7

Vol. de concreto total (C-25) = 5.25 m³
Vol. de concreto estacas (C-25) = 0.29 m³
Área de forma total = 65.95 m²

	Pilar					Fundação				
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Mín. (tf)	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	df (cm)
P1	25x25	12.50	267.50	10.9	2.4	100	100	25	25	100
P2	25x25	267.50	267.50	11.3	2.5	100	100	25	25	100
P3	25x25	12.50	12.50	11.3	2.5	100	100	25	25	100
P4	25x25	267.50	12.50	10.9	2.4	100	100	25	25	100



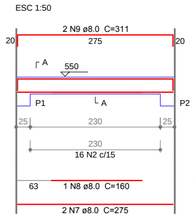


Armação da laje (Eixo X)

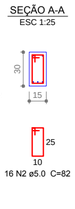
SUPERIOR

V1=V2=V3=V4

ESC 1:50

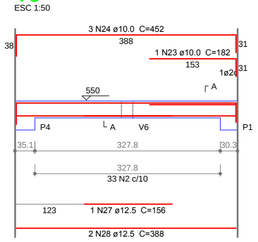


SEÇÃO A-A
ESC 1:25

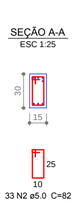


V5

ESC 1:50

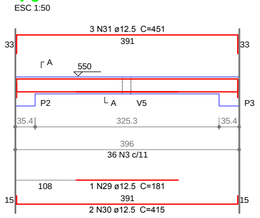


SEÇÃO A-A
ESC 1:25

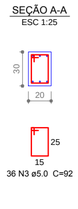


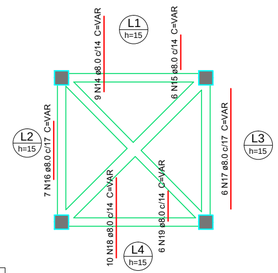
V6

ESC 1:50

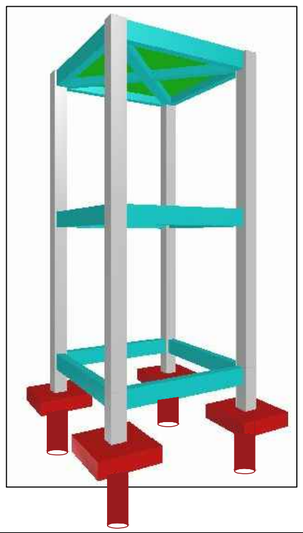


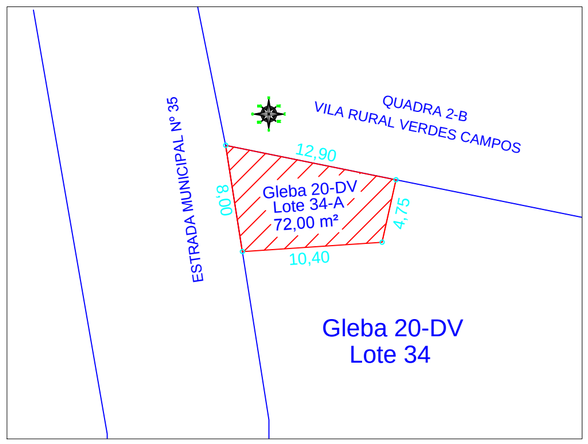
SEÇÃO A-A
ESC 1:25





Armação da laje (Eixo Y)





PLANTA DE SITUAÇÃO
ESCALA 1/500

PREFEITURA MUNICIPAL

Administração 2017 / 2020

ADMINISTRAÇÃO / RESP. TÉCNICO	PRANCHA: ÚNICA
	PROJETO: ARQUITETÔNICO
OBRA: ESTRUTURA PARA APOIO DE CAIXA D'AGUA 20.000 L	ÁREA:
	DATA: NOVEMBRO / 2019
ESPECIFICAÇÕES: PROJETO ESTRUTURAL	LOTE: / QUADRA:
LOCAL: VILA RURAL VERDES CAMPOS	ESCALA:
MUNICIPIO: DOIS VIZINHOS / ESTADO: PARANÁ	ARQUIVO: