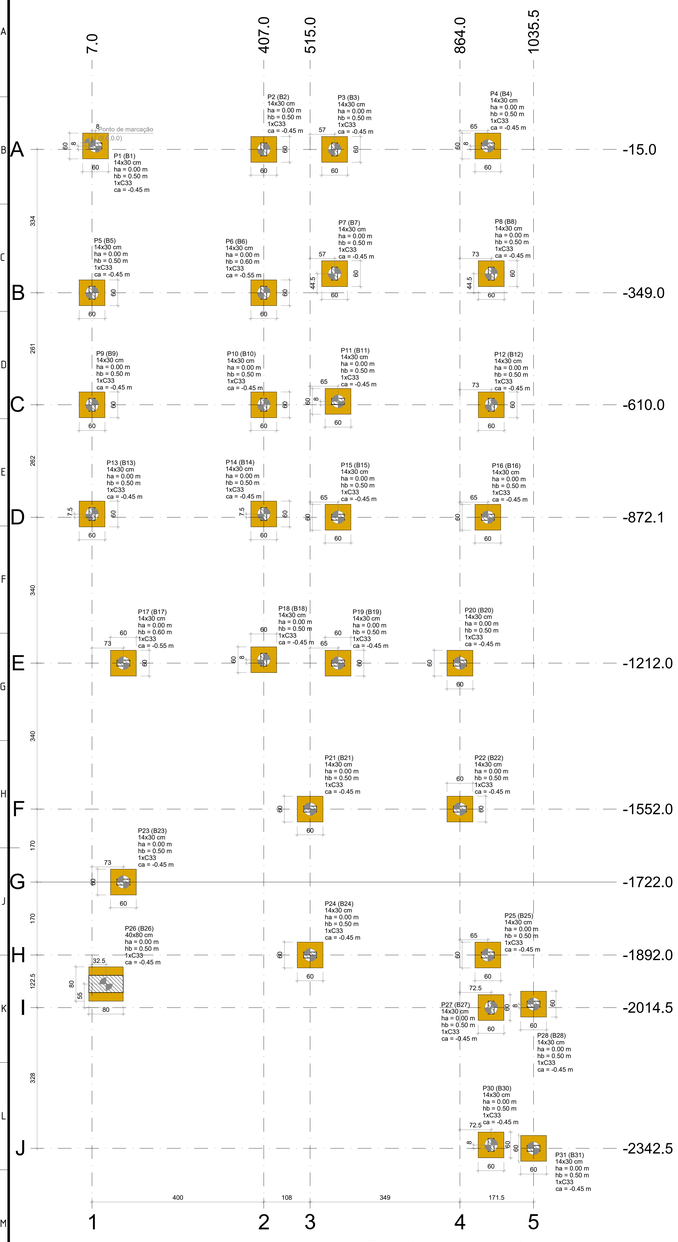
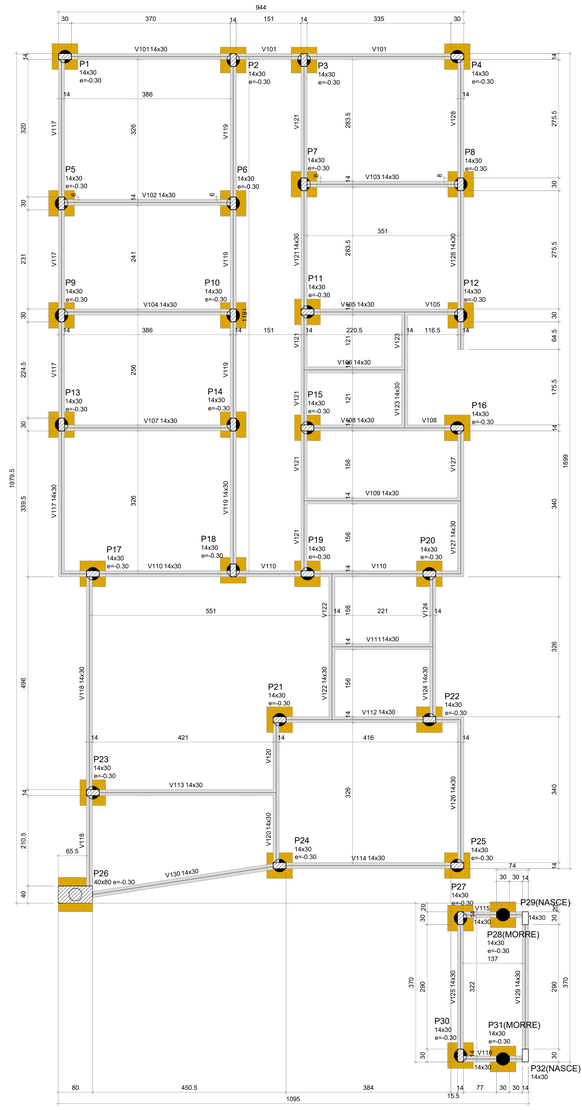


Planta de locação

escala 1:50

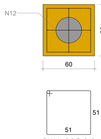


Forma do pavimento Terreo (Nível 0.25)

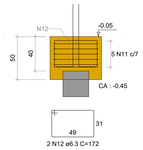
escala 1:50

B1=B2=B3=B4=B5=B7=B8=B9=B10=B11=B12=B13 =B14=B15=B16=B18=B19=B20=B21=B22=B23 =B24=B25=B27=B28=B30=B31
1xC33

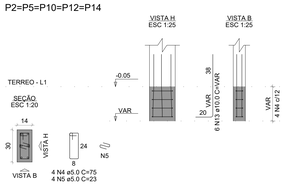
PLANTA ESC 1:25



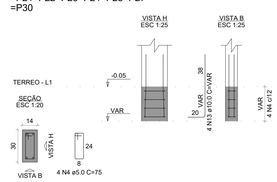
CORTE ESC 1:25



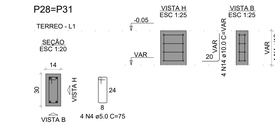
P2=P5=P10=P12=P14



P1=P3=P4=P7=P8=P9=P11= =P13=P15=P16=P18=P19=P20= =P21=P22=P23=P24=P25=P27= =P30

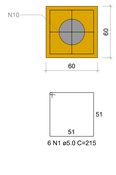


P28=P31

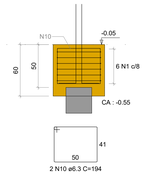


B6=B17
1xC33

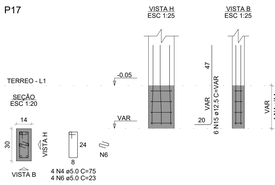
PLANTA ESC 1:25



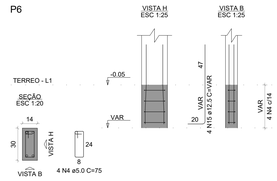
CORTE ESC 1:25



P17

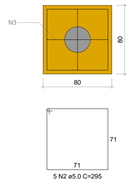


P6

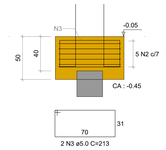


B26
1xC33

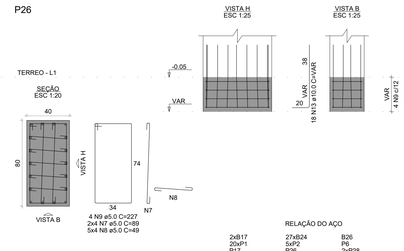
PLANTA ESC 1:25



CORTE ESC 1:25



P26



RELAÇÃO DO AÇO

2xB17
20xP1
P17

27xB24
5xP2
P26

B26
P6
2xP28

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	215	2580
	2	5.0	5	295	1475
	3	5.0	2	213	426
	4	5.0	116	75	8700
	5	5.0	20	23	460
	6	5.0	4	23	92
	7	5.0	8	89	712
	8	5.0	20	49	980
	9	5.0	4	227	908
	10	6.3	4	194	776
CA50	11	6.3	135	216	29160
	12	6.3	54	172	9288
	13	10.0	128	VAR	VAR
	14	10.0	8	VAR	VAR
	15	12.5	10	VAR	VAR

RESUMO DO AÇO

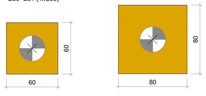
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	392.2	96
	10.0	121.8	75.1
	12.5	11	10.6
CA60	5.0	163.3	25.2

PESO TOTAL (kg)	
CA50	181.6
CA60	25.2

Volume de concreto (C-25) = 6.02 m³
Área de forma = 48.22 m²

B1=B2=B3=B4=B5=B7=B8=B9=B10=B11=B12 B13=B14=B15=B16=B18=B19=B20=B21=B22 B23=B24=B25=B27=B28 B30=B31 (1xC33)

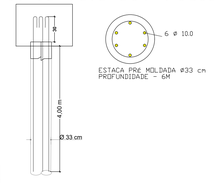
B26 (1xC33)



Legenda dos blocos

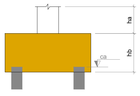
escala 1:25

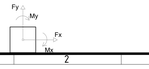
30 estacas sob blocos



Estacas					
Simbologia	Nome	d (cm)	Quantidade	Capacidade de carga (tf)	Comprimento (m)
	C33	33.00	30	15.00	6.00

Força Horizontal Máxima: 17KN
Momento Fletor Máxima: 20KN.m





Vigas				
Nome	Seção (cm)	Elevação (m)	Nível (m)	
V101	14x30	0.00	0.25	
V102	14x30	0.00	0.25	
V103	14x30	0.00	0.25	
V104	14x30	0.00	0.25	
V105	14x30	0.00	0.25	
V106	14x30	0.00	0.25	
V107	14x30	0.00	0.25	
V108	14x30	0.00	0.25	
V109	14x30	0.00	0.25	
V110	14x30	0.00	0.25	
V111	14x30	0.00	0.25	
V112	14x30	0.00	0.25	
V113	14x30	0.00	0.25	
V114	14x30	0.00	0.25	
V115	14x30	0.00	0.25	
V116	14x30	0.00	0.25	
V117	14x30	0.00	0.25	
V118	14x30	0.00	0.25	
V119	14x30	0.00	0.25	
V120	14x30	0.00	0.25	
V121	14x30	0.00	0.25	
V122	14x30	0.00	0.25	
V123	14x30	0.00	0.25	
V124	14x30	0.00	0.25	
V125	14x30	0.00	0.25	
V126	14x30	0.00	0.25	
V127	14x30	0.00	0.25	
V128	14x30	0.00	0.25	
V129	14x30	0.00	0.25	
V130	14x30	0.00	0.25	

Pilares			
Nome	Seção (cm)	Elevação (m)	Nível (m)
P1	14x30	-0.30	-0.05
P2	14x30	-0.30	-0.05
P3	14x30	-0.30	-0.05
P4	14x30	-0.30	-0.05
P5	14x30	-0.30	-0.05
P6	14x30	-0.30	-0.05
P7	14x30	-0.30	-0.05
P8	14x30	-0.30	-0.05
P9	14x30	-0.30	-0.05
P10	14x30	-0.30	-0.05
P11	14x30	-0.30	-0.05
P12	14x30	-0.30	-0.05
P13	14x30	-0.30	-0.05
P14	14x30	-0.30	-0.05
P15	14x30	-0.30	-0.05
P16	14x30	-0.30	-0.05
P17	14x30	-0.30	-0.05
P18	14x30	-0.30	-0.05
P19	14x30	-0.30	-0.05
P20	14x30	-0.30	-0.05
P21	14x30	-0.30	-0.05
P22	14x30	-0.30	-0.05
P23	14x30	-0.30	-0.05
P24	14x30	-0.30	-0.05
P25	14x30	-0.30	-0.05
P26	40x80	-0.30	-0.05
P27	14x30	-0.30	-0.05
P28	14x30	-0.30	-0.05
P29	14x30	0.00	0.25
P30	14x30	-0.30	-0.05
P31	14x30	-0.30	-0.05
P32	14x30	0.00	0.25

Características dos materiais

fck (MPa)	Eco (MPa)
25	24150

Dimensão máxima do agregado = 19 mm

Legenda dos pilares

- Pilar que morre
- Pilar que passa
- Pilar que nasce

Legenda das vigas e paredes

- Viga

NOTAS:

LEGENDA:

ARTICULAÇÃO:

REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.
1	REVISÃO DA PROFUNDIDADE DA ESTACA	05/07/22	MRC	MCR
0	EMISSÃO INICIAL	26/05/22	MRC	MCR

RESPONSÁVEIS TÉCNICOS

CONSÓRCIO QUANTA / TETRIS / FLEX
CONTRATO Nº 006/2022

MARCOS CAMARA REBELO - CREA/RJ - 200727911-8

EXEC.	MRC	26/05/22
DES.	MRC	26/05/22
VER.	MCR	26/05/22

PREFEITURA SAQUAREMA
TRABALHO E RESPEITO

SECRETARIA MUNICIPAL DE DESENVOLVIMENTO ECONÔMICO

TÍTULO: COMPLEXO EDUCACIONAL - BONSUCESSO - APOIO EDUCACIONAL
PROJETO EXECUTIVO ESTRUTURAL
DESCRIÇÃO:LOCAÇÃO DE ESTACAS (BLOCO / FORMA (TERREO)

LOCAL: ESTRADA DE BONSUCESSO - BAIRRO BONSUCESSO, 2º DISTRITO (BACAXÁ)- SAQUAREMA - RJ	ARQ.ELETRÔNICO: SQ_OS012_BONSUCESSO_AE_PE_EST_R01		
Nº: PD004-SBP004	ESCALA: INDICADA	DATA: JULHO/2022	FRANCHA: A0

01/07