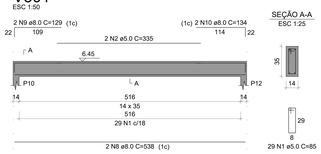
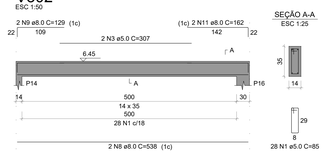
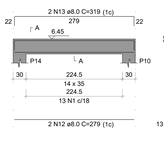
V301
ESC 1:50



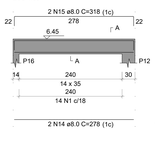
V302
ESC 1:50



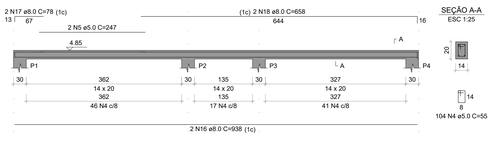
V303
ESC 1:50



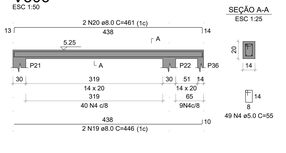
V304
ESC 1:50



V305
ESC 1:50



V306
ESC 1:50



V307
ESC 1:50

V308
ESC 1:50

V309
ESC 1:50

V310
ESC 1:50

V311
ESC 1:50

V312
ESC 1:50

V313
ESC 1:50

V314
ESC 1:50

V315
ESC 1:50

V316
ESC 1:50

RELAÇÃO DO AÇO

V301	V302	V303
V304	V305	V306
V307	V308	V309
V310	V311	V312
V313	V314	V315
V316		

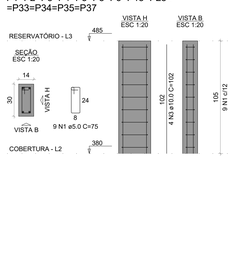
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	84	85	7140
	2	5.0	2	335	670
	3	5.0	2	307	614
	4	5.0	796	55	43780
	5	5.0	2	247	494
	6	5.0	2	232	464
	7	5.0	2	232	464
CA50	8	8.0	4	538	2152
	9	8.0	4	129	516
	10	8.0	2	134	268
	11	8.0	2	162	324
	12	8.0	2	279	558
	13	8.0	2	319	638
	14	8.0	2	278	556
	15	8.0	2	318	636
	16	8.0	2	938	1876
	17	8.0	2	78	156
	18	8.0	2	658	1316
	19	8.0	2	446	892
	20	8.0	2	461	922
	21	8.0	2	516	1032
	22	8.0	2	531	1062
	23	8.0	2	438	876
	24	8.0	2	476	952
	25	8.0	2	574	1148
	26	8.0	2	598	1196
	27	8.0	2	267	534
	28	8.0	2	1127	2254
	29	8.0	2	602	1204
	31	8.0	2	173	346
	32	8.0	2	1118	2236
	33	8.0	2	35	70
	34	8.0	4	348	1392
	35	8.0	2	377	754
	36	8.0	2	97	194
	37	8.0	2	117	234
	38	8.0	2	370	740
	39	8.0	2	704	1408
	40	8.0	2	723	1446
	41	8.0	2	619	1238
	42	8.0	2	630	1260

RESUMO DO AÇO

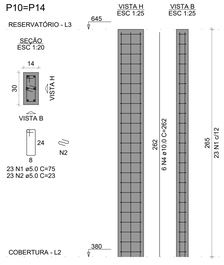
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	329.5	130
CA60	5.0	536.6	82.7
PESO TOTAL (kg)			
CA50	130		
CA60	82.7		

Volume de concreto (C-30) = 2.79 m³
Área de forma = 52.11 m²

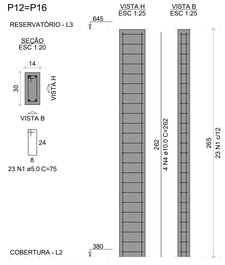
P1=P2=P3=P4=P5=P8=P9=P13=P23=P33=P34=P35=P37



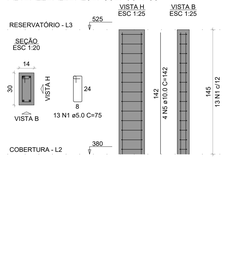
P10=P14



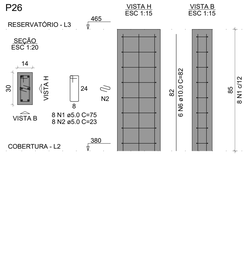
P12=P16



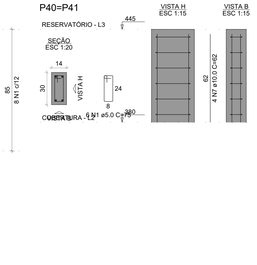
P21=P22=P24=P25=P36=P38=P39



P26



P40=P41



RELAÇÃO DO AÇO

13xP1 7xP21	2xP10 P26	2xP12 2xP40

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	320	75	24000
	2	5.0	54	23	1242
CA50	3	10.0	52	102	5304
	4	10.0	20	262	5240
	5	10.0	28	142	3976
	6	10.0	6	82	492
	7	10.0	8	62	496

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	155.1	95.6
CA60	5.0	252.4	38.9
PESO TOTAL (kg)			
CA50	95.6		
CA60	38.9		

Volume de concreto (C-30) = 1.54 m³
Área de forma = 32.16 m²

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

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

CONTRATANTE
CONSÓRCIO QUANTA / TETRIS / FLEX
CONTRATO Nº 006/2022

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

MARCOS CAMARA REBELO - CREA/RJ - 200727911-8

PREFEITURA SAQUAREMA
TRABALHO E RESPEITO

SECRETARIA MUNICIPAL DE DESENVOLVIMENTO ECONÔMICO

TÍTULO
COMPLEXO EDUCACIONAL - BONSUCESSO - APOIO EDUCACIONAL
PROJETO EXECUTIVO ESTRUTURAL
DESCRIÇÃO:VIGA - PILAR (RESERVATÓRIO)

LOCAL: ESTRADA DE BONSUCESSO - BAIRRO BONSUCESSO, 2º DISTRITO (BACAXÁ) - SAQUAREMA - RJ	ARQ. ELETRÔNICO: SQ_05012_BONSUCESSO_AE_PE_EST_R01		
Nº: PD004-SBP004	ESCALA: INDICADA	DATA: JULHO/2022	PRANCHA: 07/07