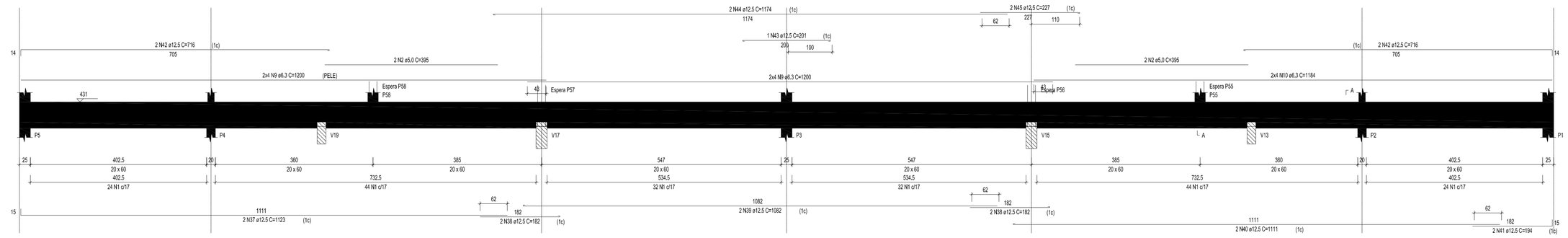
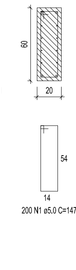
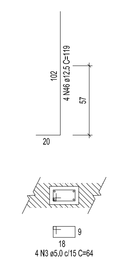
V1
ESC 1:50



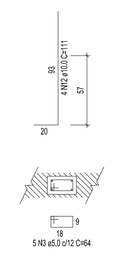
SEÇÃO A-A
ESC 1:25



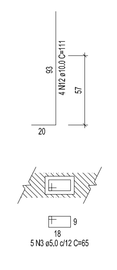
ESPERA P58
ESC 1:25



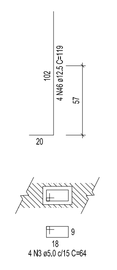
ESPERA P57
ESC 1:25



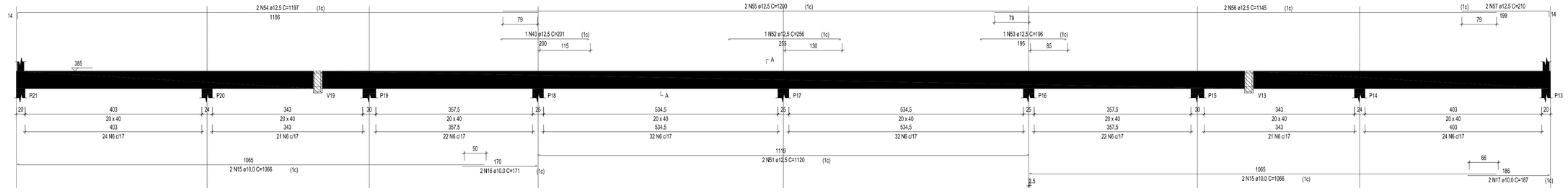
ESPERA P56
ESC 1:25



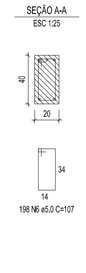
ESPERA P55
ESC 1:25



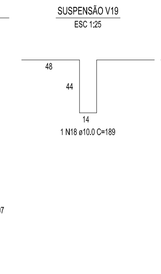
V5
ESC 1:50



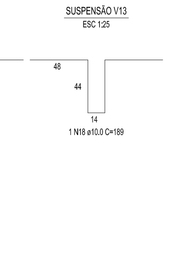
SEÇÃO A-A
ESC 1:25



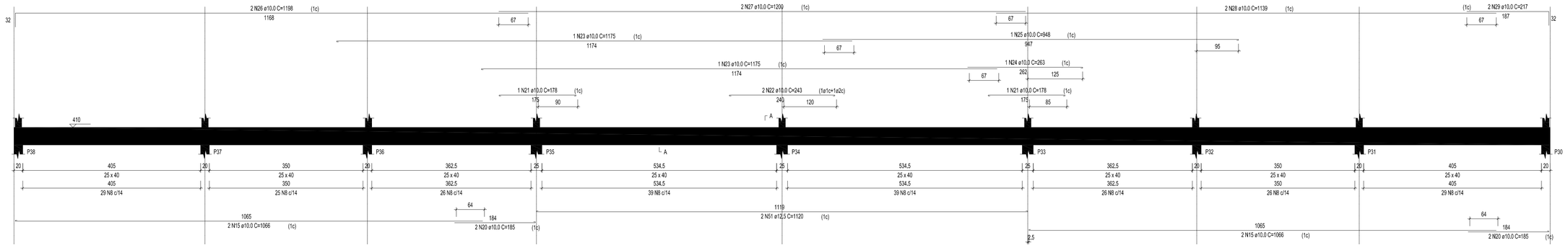
SUSPENSÃO V19
ESC 1:25



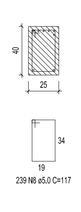
SUSPENSÃO V13
ESC 1:25



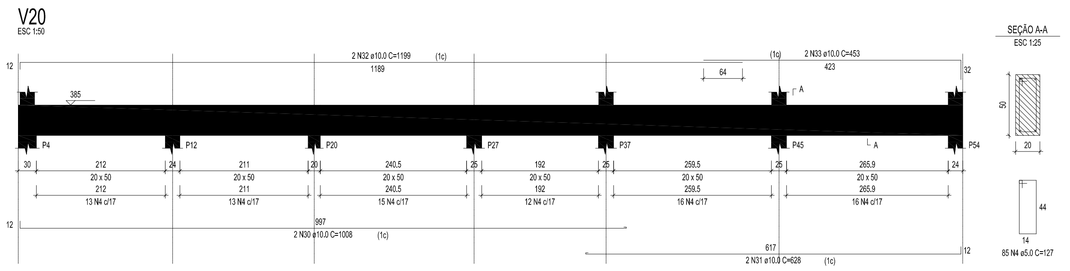
V8
ESC 1:50



SEÇÃO A-A
ESC 1:25

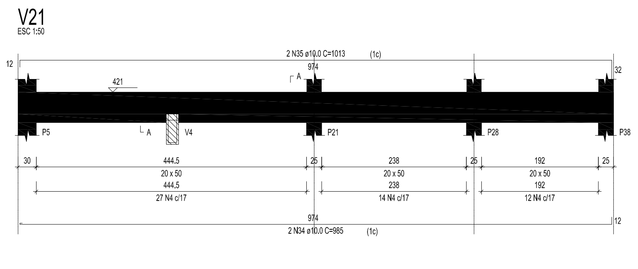


V20
ESC 1:50

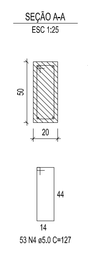


SEÇÃO A-A
ESC 1:25

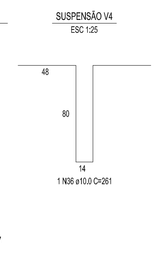
V21
ESC 1:50



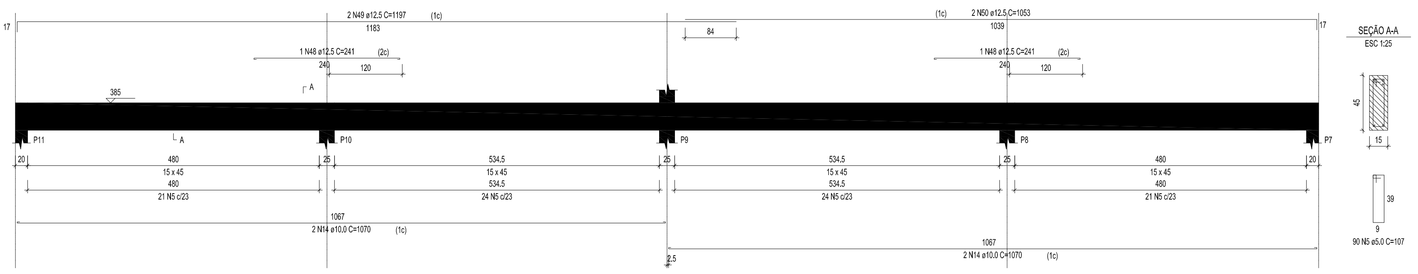
SEÇÃO A-A
ESC 1:25



SUSPENSÃO V4
ESC 1:25

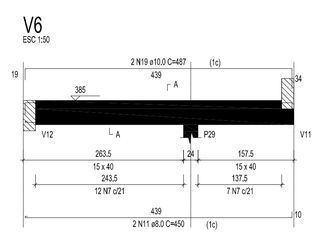


V3
ESC 1:50

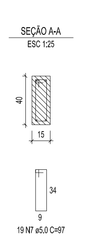


SEÇÃO A-A
ESC 1:25

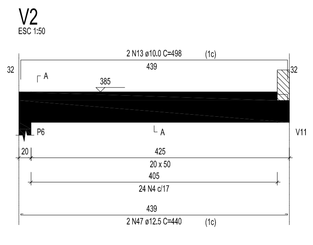
V6
ESC 1:50



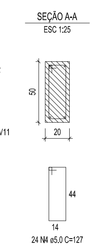
SEÇÃO A-A
ESC 1:25



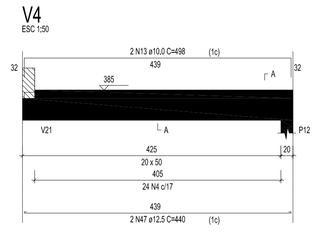
V2
ESC 1:50



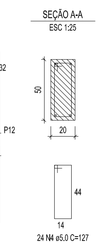
SEÇÃO A-A
ESC 1:25



V4
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V8 V20 V21

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	200	147	29400
	2	5.0	5	395	1580
	3	5.0	16	64	1152
	4	5.0	166	127	23622
	5	5.0	99	107	11451
	6	5.0	196	107	21186
	7	5.0	19	87	1845
	8	5.0	239	117	27963
CA50	9	6.3	16	1200	19200
	10	6.3	8	1184	9472
	11	8.0	2	405	1620
	12	10.0	8	111	888
	13	10.0	4	498	1992
	14	10.0	4	1070	4280
	15	10.0	8	1066	8528
	16	10.0	2	171	342
	17	10.0	2	187	374
	18	10.0	2	189	378
	19	10.0	2	487	974
	20	10.0	4	185	740
	21	10.0	2	578	1156
	22	10.0	2	243	486
	23	10.0	2	1175	2350
	24	10.0	1	263	263
	25	10.0	1	948	948
	26	10.0	2	1198	2396
	27	10.0	2	1200	2400
	28	10.0	2	1139	2278
	29	10.0	2	217	434
	30	10.0	2	1008	2016
	31	10.0	2	628	1256
	32	10.0	2	1199	2398
	33	10.0	2	453	906
	34	10.0	2	985	1970
	35	10.0	2	1013	2026
	36	10.0	1	261	261
	37	12.5	2	1123	2246
	38	12.5	4	182	728
	39	12.5	2	1092	2184
	40	12.5	2	1111	2222
	41	12.5	2	194	388
	42	12.5	4	716	2864
	43	12.5	2	201	402
	44	12.5	2	1174	2348
	45	12.5	2	227	454
	46	12.5	8	119	952
	47	12.5	1	947	1894
	48	12.5	1	341	1023
	49	12.5	2	1197	2394
	50	12.5	2	1053	2106
	51	12.5	4	1120	4480
	52	12.5	1	256	256
	53	12.5	1	196	196
	54	12.5	2	1197	2394
	55	12.5	2	1200	2400
	56	12.5	2	1145	2290
	57	12.5	2	210	420

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	286.7	77.2
	8.0	9	3.9
	10.0	412.4	279.7
	12.5	339.5	359.7
CA60	5.0	1163.8	197.3

PESO TOTAL (kg)	
CA50	720.5
CA60	197.3

Volume de concreto (C-30) = 15.64 m³
Área de forma = 188.61 m²

01	REVISÃO COM SOLICITAÇÕES PASSADAS NA REUNIÃO DO DIA 03/09/2018	31/10/2018	GEORGE M. BEZERRA PEIXOTO	MATEUS SOTERO	
00	EMISSÃO INICIAL	23/08/2018	GEORGE M. BEZERRA PEIXOTO	MATEUS SOTERO	
REV.	MODIFICAÇÃO	DATA	AUTOR(ES) DO PROJETO	DESENHISTA(S)	APROVO

ESPAÇO PARA APROVAÇÃO/ CARIMBO:

ESPAÇO PARA CÁLCULO DE ÁREA:			
TERRENO DE IMPLANTAÇÃO	6.157,85 m²		
CASA DE MÁQUINAS	73,18 m²		
PISCINAS	1.609,00 m²		

PROPRIETÁRIO: SESC ANANINDEUA

RESPONSÁVEL TÉCNICO:

PROJETO:GEORGE M. BEZERRA PEIXOTO CREA 020340337-1

PROJETO ESTRUTURAL

OBRA:
CONSTRUÇÃO DO PARQUE AQUÁTICO SESC ANANINDEUA

ENDEREÇO DO EMPREENDIMENTO:
AV. HÉLIO GUEIROS, COQUEIRO, N° 110
ANANINDEUA - PA.

DESENHO:
MATEUS SOTERO

CLIENTE:
SERVIÇO SOCIAL DO COMÉRCIO
DEPARTAMENTO REGIONAL DO ESTADO DO PARÁ

IDENTIFICAÇÃO DO PROJETO:
ARMAÇÃO DAS VIGAS DO VESTIÁRIO

Nº DA PRANCHA:
EST-09/23

CODIFICAÇÃO DO ARQUIVO:
01.EST-2018.10

ESCALA:
INDICADA

ESTE PROJETO NÃO PODERÁ SOFRER ALTERAÇÕES SEM ORDENS EXPRESSAS DO AUTOR.