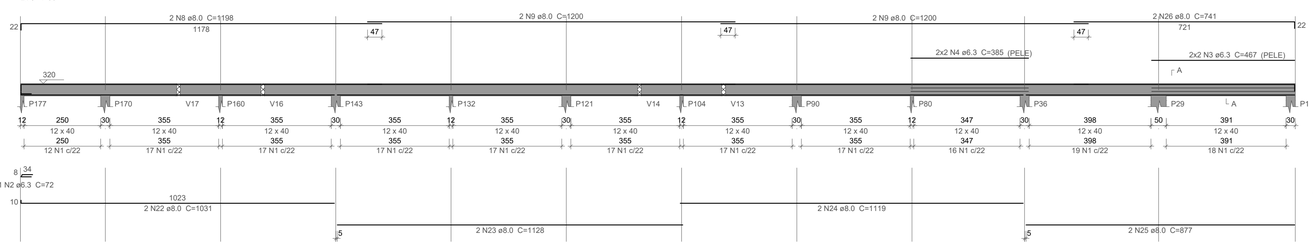
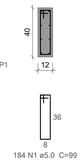
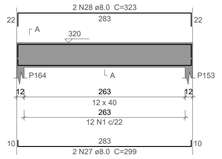
V19
ESC 1:100



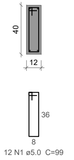
SEÇÃO A-A
ESC 1:25



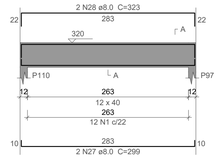
V20
ESC 1:50



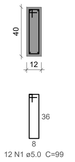
SEÇÃO A-A
ESC 1:25



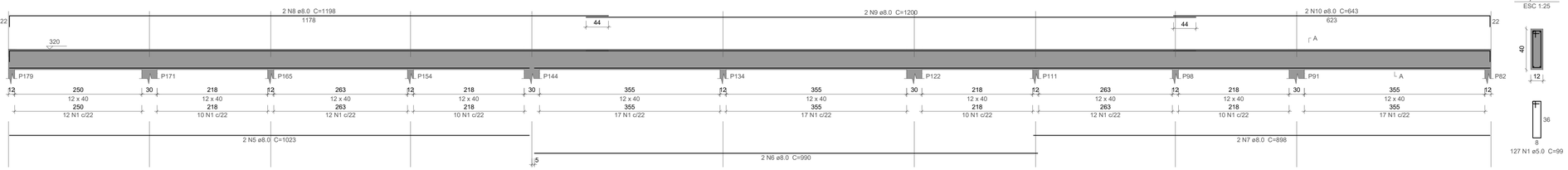
V21
ESC 1:50



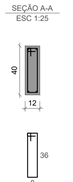
SEÇÃO A-A
ESC 1:25



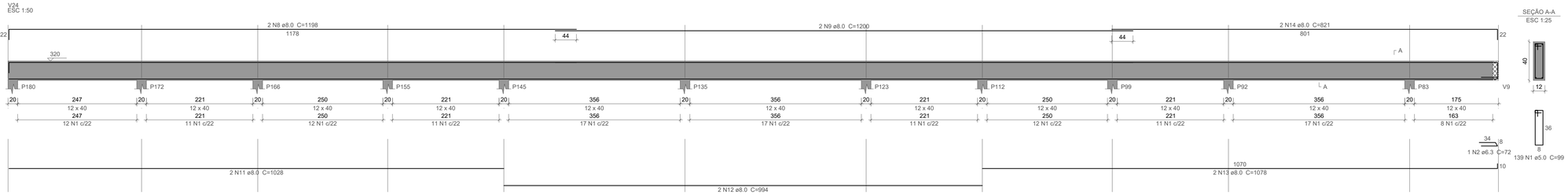
V23
ESC 1:50



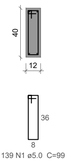
SEÇÃO A-A
ESC 1:25



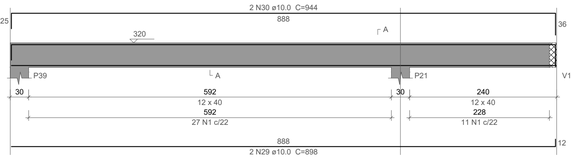
V24
ESC 1:50



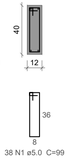
SEÇÃO A-A
ESC 1:25



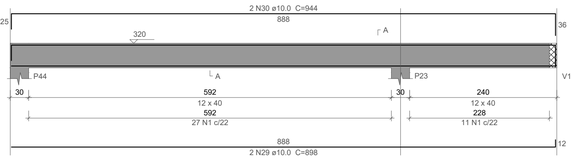
V26
ESC 1:50



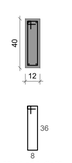
SEÇÃO A-A
ESC 1:25



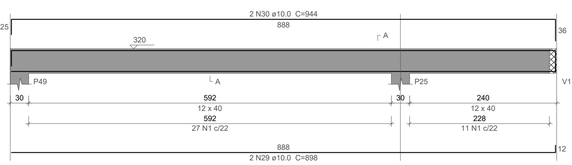
V28
ESC 1:50



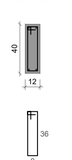
SEÇÃO A-A
ESC 1:25



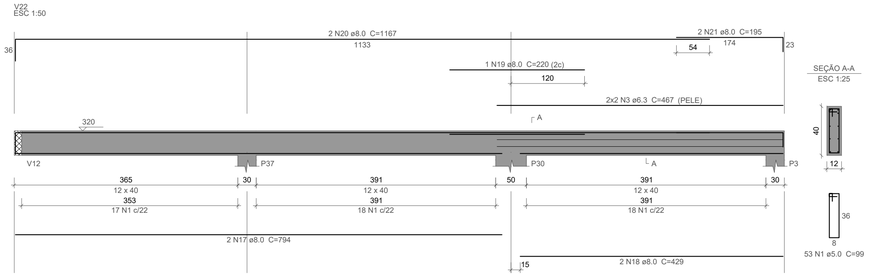
V31
ESC 1:50



SEÇÃO A-A
ESC 1:25



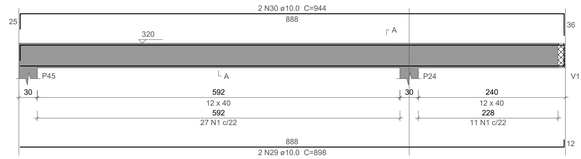
V22
ESC 1:50



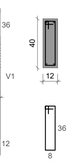
SEÇÃO A-A
ESC 1:25

01 Vigas do pavimento Cobertura (Nível 320)
Escala Indicada

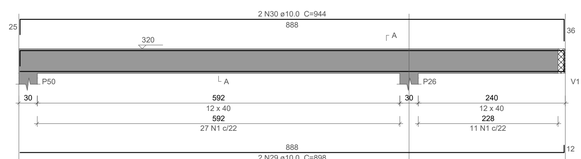
V29
ESC 1:50



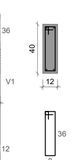
SEÇÃO A-A
ESC 1:25



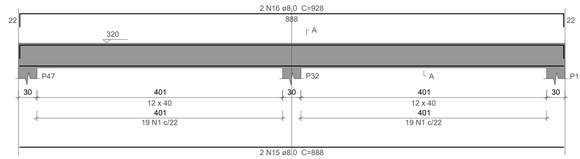
V32
ESC 1:50



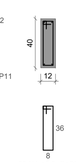
SEÇÃO A-A
ESC 1:25



V27
ESC 1:50



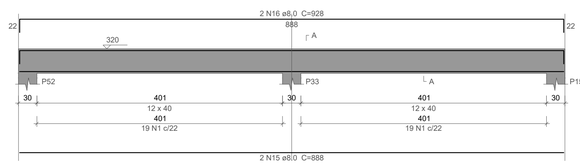
SEÇÃO A-A
ESC 1:25



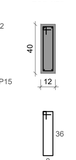
V30
ESC 1:50

SEÇÃO A-A
ESC 1:25

V33
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V19	V20	V21
V22	V23	V24
V25	V26	V27
V28	V29	V30
V31	V32	V33

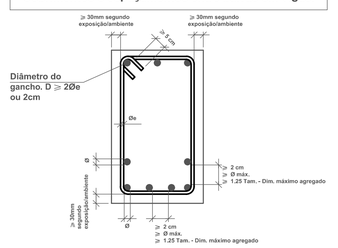
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	869	99	86031
CA50	2	6.3	2	72	144
	3	6.3	8	467	3736
	4	6.3	4	385	1540
	5	8.0	2	1023	2046
	6	8.0	2	990	1980
	7	8.0	2	898	1796
	8	8.0	6	1198	7188
	9	8.0	8	1200	9600
	10	8.0	2	643	1286
	11	8.0	2	1028	2056
	12	8.0	2	994	1988
	13	8.0	2	1078	2156
	14	8.0	2	821	1642
	15	8.0	6	888	5328
	16	8.0	6	928	5568
	17	8.0	2	794	1588
	18	8.0	2	429	858
	19	8.0	1	220	220
	20	8.0	2	1167	2334
	21	8.0	2	195	390
	22	8.0	2	1031	2062
	23	8.0	2	1128	2256
	24	8.0	2	1119	2238
	25	8.0	2	877	1754
	26	8.0	2	741	1482
	27	8.0	4	299	1196
	28	8.0	4	323	1292
	29	10.0	12	898	10776
	30	10.0	12	944	11328

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	54.2	14.6
	8.0	603.1	261.7
	10.0	221.1	149.9
CA60	5.0	860.4	145.9
PESO TOTAL (kg)			
CA50	426.2		
CA60	145.9		

Volume de concreto (C-25) = 8.87 m³
Área de forma = 170 m²

Cobrimentos e espaçamentos entre barras em vigas.



ASSINATURAS E APROVAÇÃO

COORDENAÇÃO:

LEONARDO SILVEIRA LIMA
ENGENHEIRO CIVIL - RNP: 0601581067

APROVAÇÃO:

GEOPAC
www.geopac.com.br - contato@geopac.com.br

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE ARACATI

OBRA:
CONSTRUÇÃO DE CRECHE 12 SALAS EM CACIMBA FUNDA NO MUNICÍPIO DE ARACATI/CE

PROJETO:
ESTRUTURAL

IDENTIFICAÇÃO DOS DESENHOS:
01 - Vigas do pavimento Cobertura (Nível 300)

LOCAL:	DATA:	PRANCHA:
RUA SDO, CACIMBA FUNDA, ARACATI/CE	JANEIRO/2026	10/13
DESENHO:	ESCALA: INDICADA	CONTROLE: