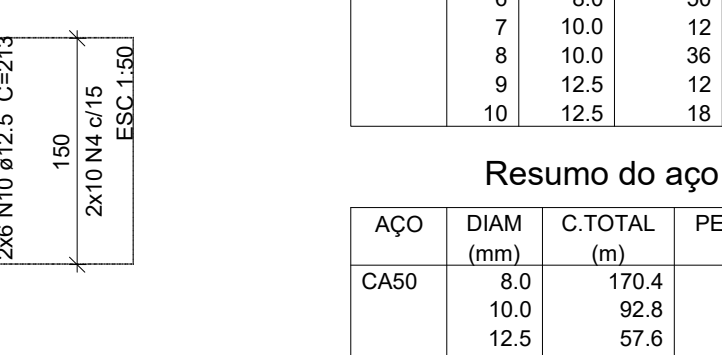
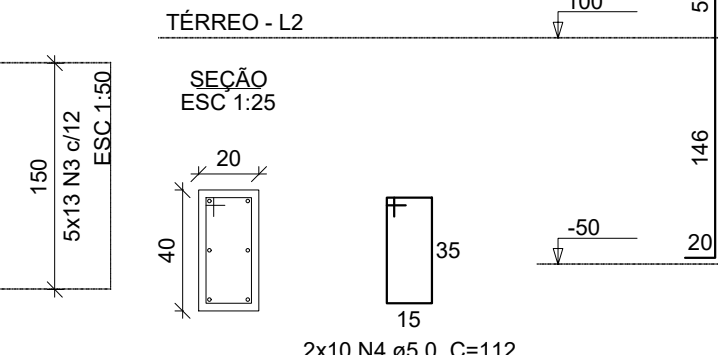
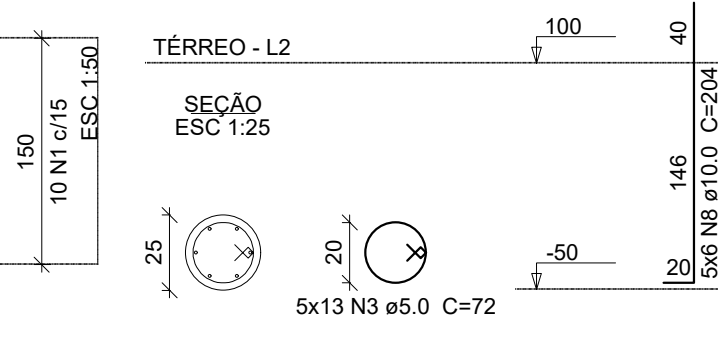
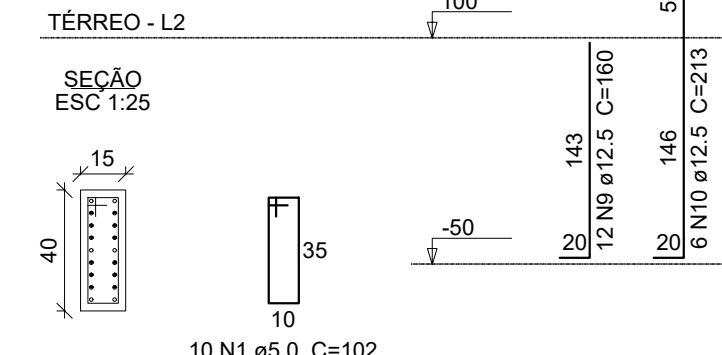
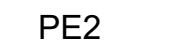
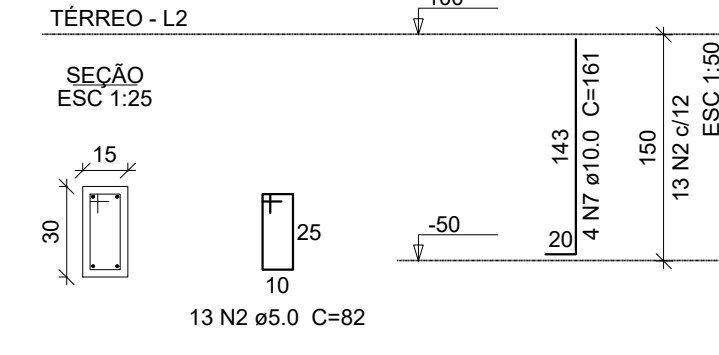
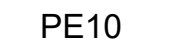
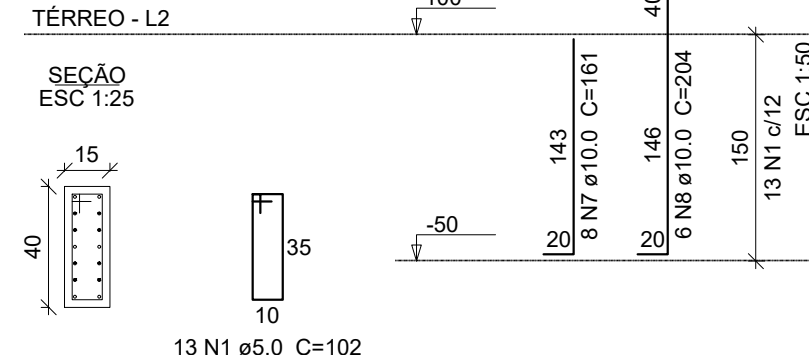
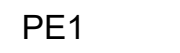
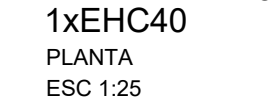
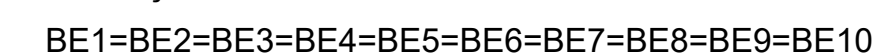
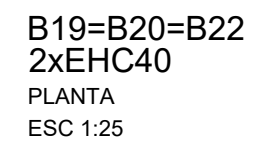
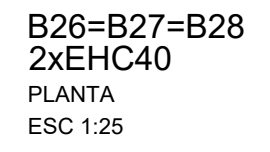


B1=B3=B5=B25
2xEHC40
PLANTA
ESC 1:25



BE2					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	23	102	2346
	2	5.0	13	82	1066
	3	5.0	65	72	4680
CA50	4	5.0	20	112	2240
	5	8.0	20	212	4240
	6	8.0	50	256	12800
	7	10.0	12	161	1932
	8	10.0	36	204	7344
	9	12.5	12	160	1920
	10	12.5	18	213	3834

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	170.4	74
	10.0	92.8	62.9
	12.5	57.6	61
CA60	5.0	103.4	17.5
PESO TOTAL (kg)			
CA50	197.8		
CA60	17.5		

Volume de concreto (C-30) = 3.49 m³
Área de forma = 29.54 m²

Relação do aço					
B22		B23		B25	
AÇO	N	DIAM.	QUANT	C.UNIT	C.TOTAL
CA60	1	5,0	73	32	2336
	2	5,0	16	35	56
	3	5,0	24	302	7248
	4	5,0	6	262	1572
	5	5,0	24	305	8400
CA50	6	5,0	18	242	4356
	7	5,0	14	132	1848
	8	5,0	14	30	42
	9	5,0	18	262	4716
	10	6,3	44	228	10032
	11	8,0	56	535	30004
	12	10,0	20	1000	20000
	13	12,5	28	1111	5900
	14	12,5	20	306	3060
	15	12,5	24	135	54
	16	12,5	2	100	20
	17	12,5	4	18	72
	18	16,0	8	154	1232
	19	16,0	38	222	8436
	20	16,0	2	144	288
	21	16,0	8	212	1696
	22	16,0	20	200	2800
	23	16,0	4	134	536
	24	20,0	12	235	2820
	25	20,0	32	221	7072
	26	25,0	4	306	1224
	27	25,0	12	286	3432
	28	25,0	12	286	3432

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	100.4	27
	8.0	300.2	130.3
	10.0	41.6	28.2
	12.5	109.6	116.1
	16.0	150.2	260.7
	20.0	28.2	76.5
	25.0	130.7	553.7
CA60	5.0	320.5	54.3
PESO TOTAL (kg)			

Volume de concreto (C-30) = 14.87 m³
Área de forma = 67.76 m²

ITEM	REVISÃO (CONTEÚDO)	RESPONS.	DATA

PROPRIETÁRIO: SERVIÇO SOCIAL DO COMÉRCIO - SESC

AUTOR DO PROJETO: ENGº CIVIL E ARQ ALEXANDRE DE MORAES FERREIRA - CREA/PA 4393

DESENV. DO PROJETO: ENGº CIVIL ALMIR MAGALHÃES JR. - CREA/PA 151086898-4D

PREFEITURA

BOMBEIROS

DEMAIS ÓRGÃOS

PROPRIETARY

SERVIÇO SOCIAL DO COMÉRCIO - SESC



CONSTRUÇÃO ED. 06 PAVIMENTOS DA UNIDADE DOCA

ESTRUTURA

PROJETO EXECUTIVO



RUA SENADOR MANOEL BARATA Nº 1673 - REDUTO - BELÉMPA

RESPONSÁVEL TÉCNICO:

ESONA:	INDICA
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DATA:	JUNHO-20
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EST 18/6