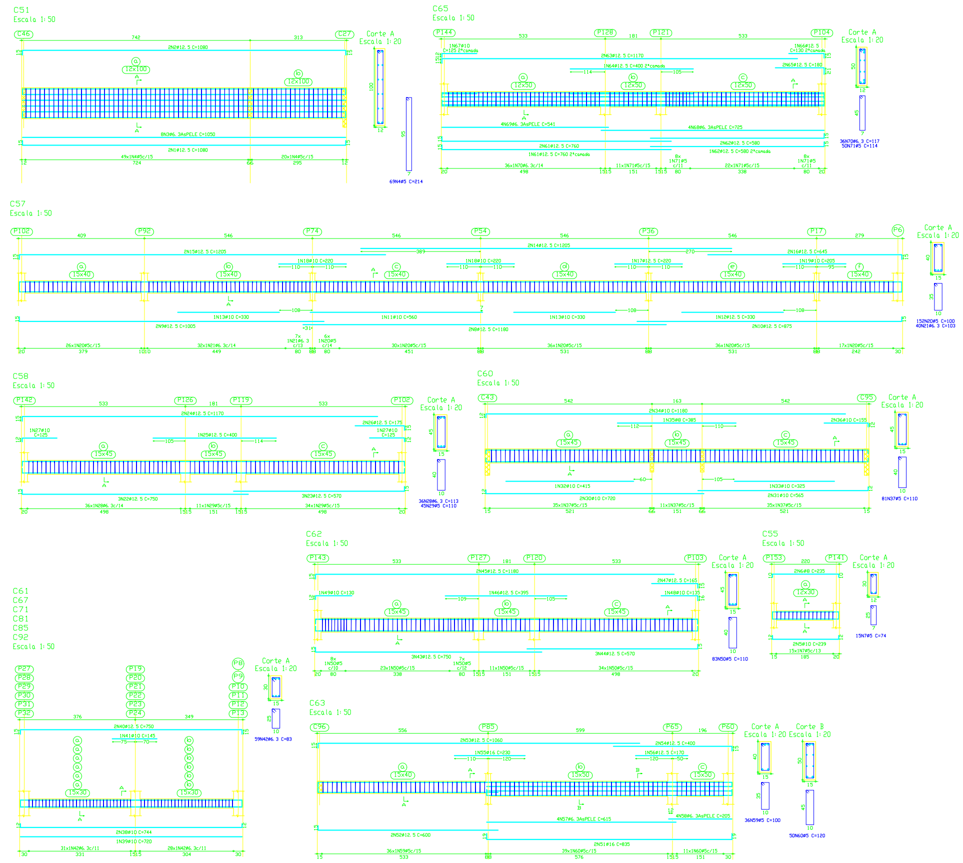

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
C51	1	ø12.5	2	15	1050	15	1080	2160	21.2	
	2	ø12.5	2	15	1050	15	1080	2160	21.2	
	3	ø6.3	8		1050		1050	8400	20.8	
	4	ø5	69				214	14766		23.2
								Total+10%:	69.5	25.5
C55	5	ø10	2	12	215	12	239	478	3.0	
	6	ø8	2	10	215	10	235	470	1.8	
	7	ø5	15				74	1110		1.7
								Total+10%:	5.3	1.9
C57	8	ø12.5	2		1180		1180	2360	23.2	
	9	ø12.5	2	15	990		1005	2010	19.7	
	10	ø12.5	2		860	15	875	1750	17.2	
	11	ø10	1		560		560	560	3.5	
	12	ø12.5	1		330		330	330	3.2	
	13	ø10	2		330		330	660	4.1	
	14	ø12.5	2		1205		1205	2410	23.6	
	15	ø12.5	2	15	1190		1205	2410	23.6	
	16	ø12.5	2		630	15	645	1290	12.7	
	17	ø12.5	1		220		220	220	2.2	
	18	ø10	2		220		220	440	2.8	
	19	ø10	1		205		205	205	1.3	
	20	ø5	151				100	15100		23.7
	21	ø6.3	39				103	4017	9.9	
								Total+10%:	161.7	26.1
C58	22	ø12.5	3	15	735		750	2250	22.1	
	23	ø12.5	3		555	15	570	1710	16.8	
	24	ø12.5	2	15	1155		1170	2340	23.0	
	25	ø12.5	1		400		400	400	3.9	
	26	ø12.5	2		160	15	175	350	3.4	
	27	ø10	2	12	113		125	250	1.6	
	28	ø6.3	36				113	4068	10.1	
	29	ø5	45				110	4950		7.8
								Total+10%:	89.0	8.6
C60	30	ø10	2	12	708		720	1440	9.0	
	31	ø10	2		553	12	565	1130	7.1	
	32	ø10	1		415		415	415	2.6	
	33	ø10	1		325		325	325	2.0	
	34	ø10	2	12	1168		1180	2360	14.8	
	35	ø8	1		385		385	385	1.5	
	36	ø10	2		143	12	155	310	1.9	
	37	ø5	81				110	8910		14.0
								Total+10%:	42.8	15.4
C61=C67=C71=C81 C85=C92	38	ø10	2	12	720	12	744	1488	9.3	
	39	ø10	1		720		720	720	4.5	
	40	ø12.5	2	15	720	15	750	1500	14.7	
	41	ø10	1		145		145	145	0.9	
	42	ø6.3	59				83	4897	12.1	
								Total+10%:	45.7	
								(x6):	274.2	
C62	43	ø12.5	3	15	735		750	2250	22.1	
	44	ø12.5	3		555	15	570	1710	16.8	
	45	ø12.5	2	15	1165		1180	2360	23.2	
	46	ø12.5	1		395		395	395	3.9	
	47	ø12.5	2		150	15	165	330	3.2	
	48	ø10	1		119	16	135	135	0.8	
	49	ø10	1	12	118		130	130	0.8	
	50	ø5	83				110	9130		14.3
								Total+10%:	77.9	15.7
C63	51	ø16	2	19	797	19	835	1670	26.2	
	52	ø12.5	2	15	585		600	1200	11.8	
	53	ø12.5	2	15	1045		1060	2120	20.8	
	54	ø12.5	2		385	15	400	800	7.9	
	55	ø16	1		230		230	230	3.6	
	56	ø12.5	1		170		170	170	1.7	
	57	ø6.3	4		615		615	2460	6.1	
	58	ø6.3	4		205		205	820	2.0	
	59	ø5	36				100	3600		5.7
	60	ø5	50				120	6000		9.4
								Total+10%:	88.1	16.6
C65	61	ø12.5	3	15	745		760	2280	22.4	
	62	ø12.5	3		565	15	580	1740	17.1	
	63	ø12.5	2	15	1155		1170	2340	23.0	
	64	ø12.5	1		400		400	400	3.9	
	65	ø12.5	2		159	21	180	360	3.5	
	66	ø12.5	1		115	15	130	130	1.3	
	67	ø10	1	12	113		125	125	0.8	
	68	ø6.3	4		725		725	2900	7.2	
	69	ø6.3	4		541		541	2164	5.4	
	70	ø6.3	36				117	4212	10.4	
	71	ø5	49				114	5586		8.8
								Total+10%:	104.5	9.7
								ø5:	0.0	119.5
								ø6.3:	159.5	0.0
								ø8:	3.7	0.0
								ø10:	159.0	0.0
								ø12.5:	558.0	0.0
								ø16:	32.8	0.0
								Total:	913.0	119.5

TERREO - NIVEL +0,80
Desenho de vigas
Concreto: C25, em geral
Aço: CA-50-A e CA-60-B
Escala vigas: 1:50
Escala seções: 1:20

REV.	DATA	ESPECIFICAÇÃO	APROV.

PROJETOS DE ESTRUTURA
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resp. téc.:PAULO AURENÇÃO-CREA 34183-D-RJ

CLIENTE: PREFEITURA DE CABO FRIO

Local: Av. Henrique Terra – Lote 09 – Quadra 16
Novo Portinho – Cabo Frio – RJ

ESTRUTURA
ARMAÇÃO DAS CINTAS – PAVIMENTO TÉRREO (Parte 6/10)

Nº DA OBRA: PC-202259
DESENHO: 12

PROJETO		CLIENTE		LOCAL		TIPO			Nº PRANC.		NATUREZA		PAVIMENTO			REVISÃO	
P	C	PF	TR	C	F	E	S	T	1	2	AR	CI	T	E	R	R	0

ARQUIVO DIGITAL: PC-PFTR-CF-EST-12-AR-CI-TER-R0.DWG