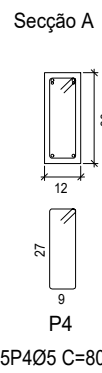
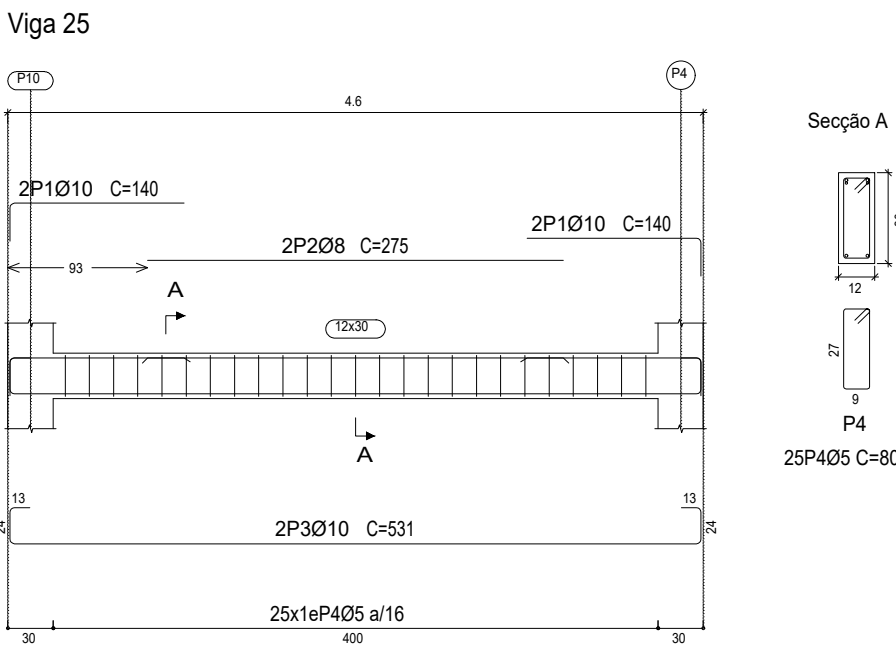
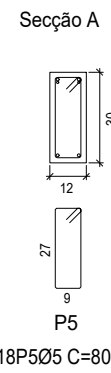
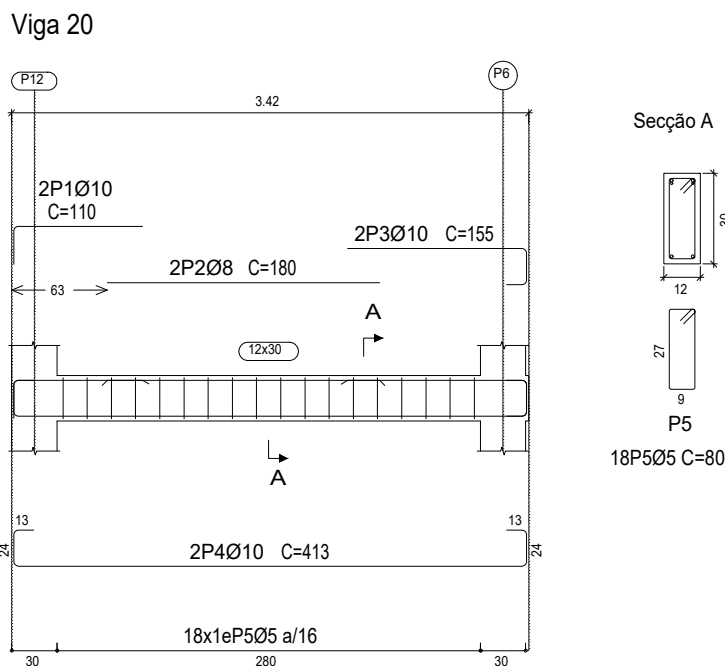
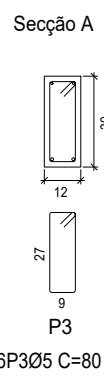
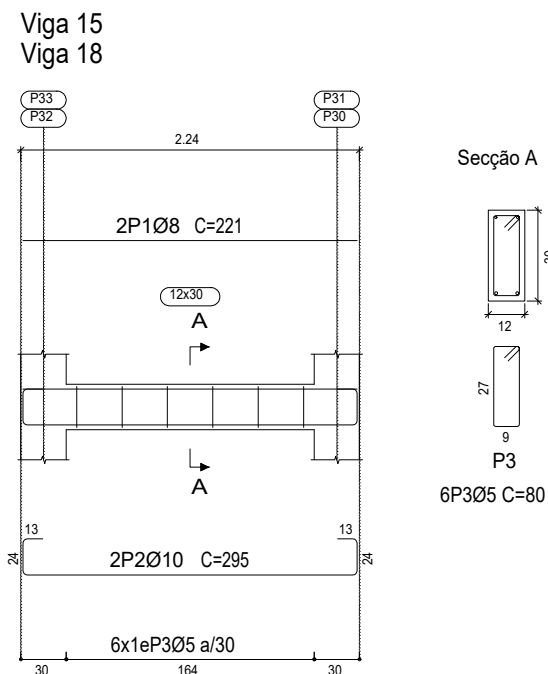
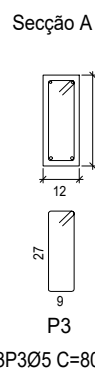
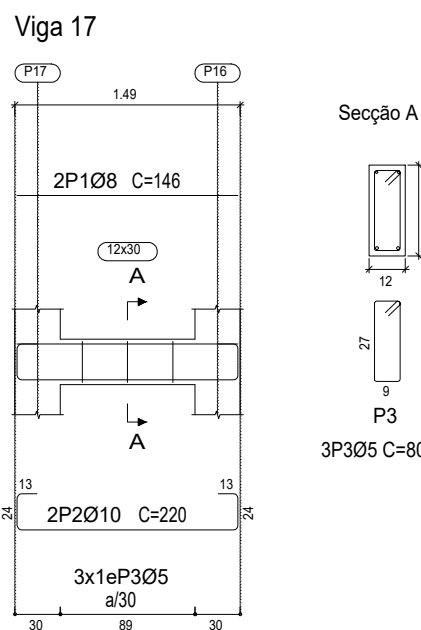
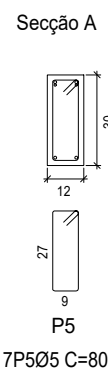
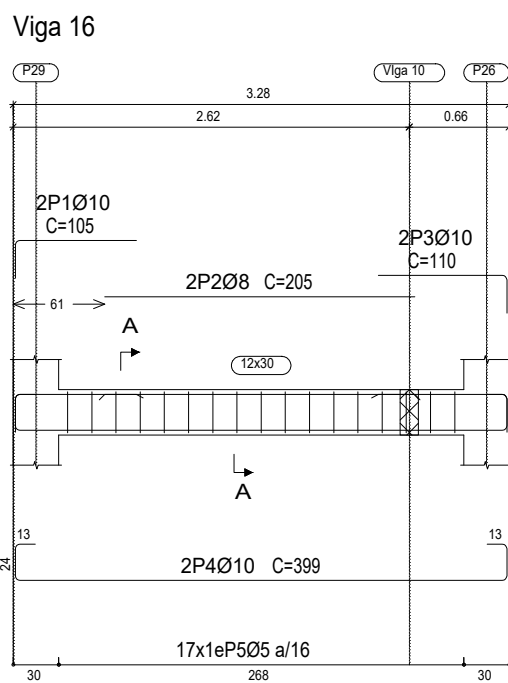
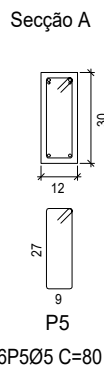
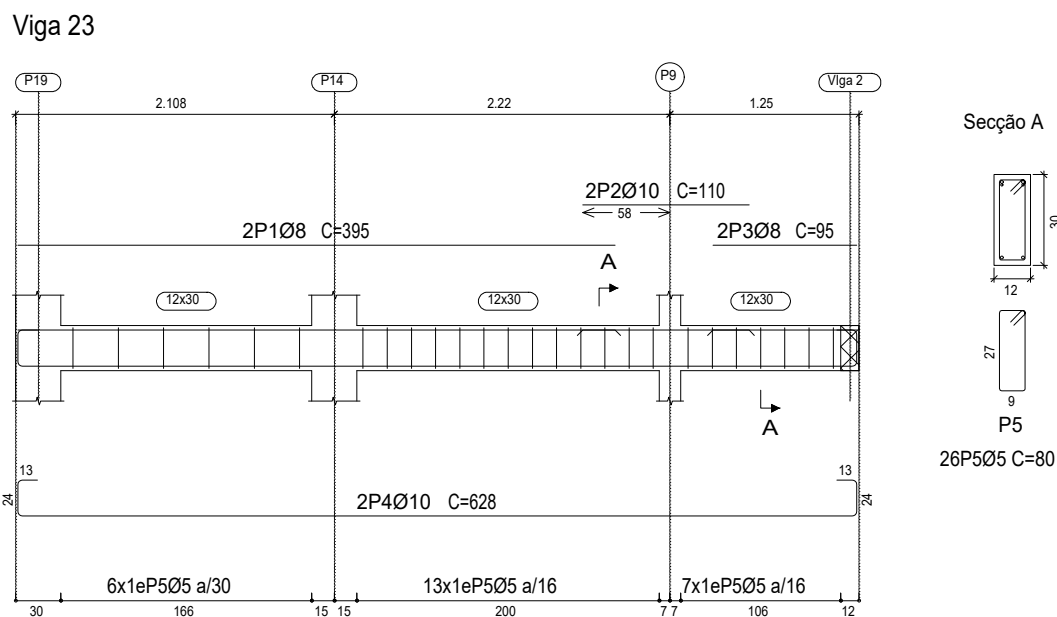
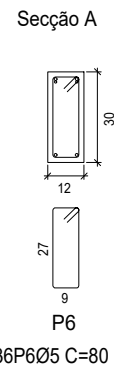
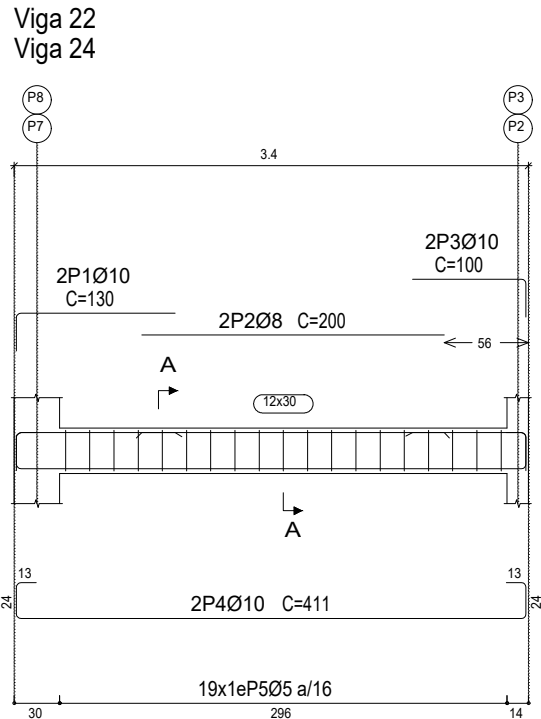
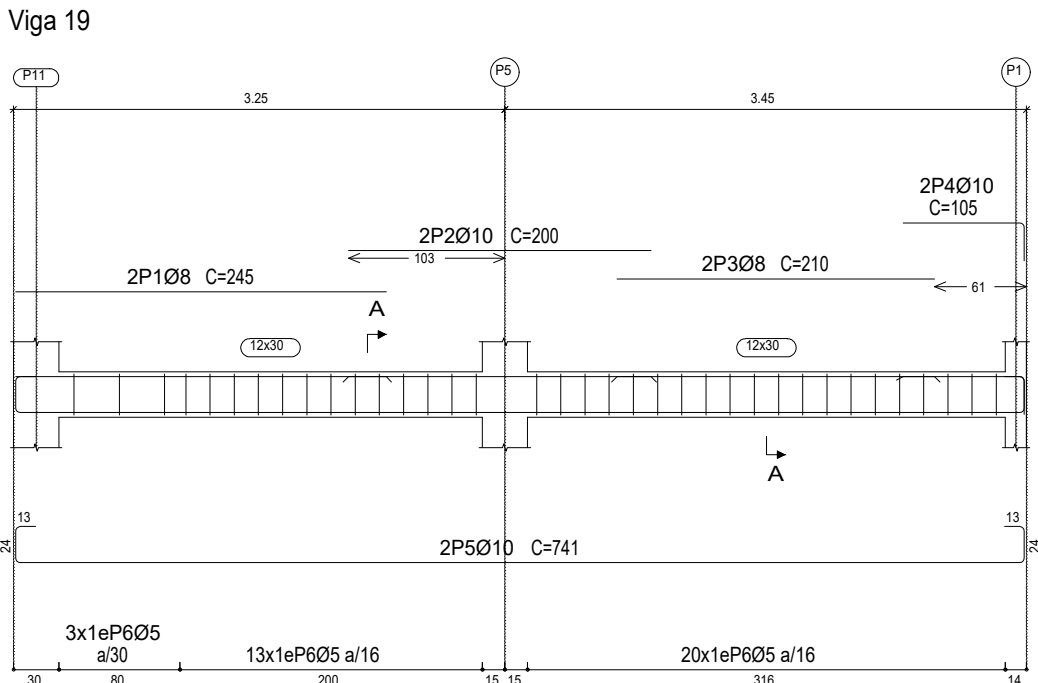





Baldrame
Desenho de vigas
Betão: C30, em geral
Aço em varões: CA-50 e CA-60
Aço em estribos: CA-50 e CA-60
Escala pórticos 1:50
Escala cortes 1:25
Escala aberturas 1:25



Elemento	Pos.	Diâm.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
Viga 15=Viga 18	1	Ø8	2		221	442	1.7	
	2	Ø10	2		295	590	3.6	
	3	Ø5	6		80	480		0.8
	Total+10%: (x2):						5.8 11.6	0.9 1.8

Elemento	Pos.	Diâm.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
Viga 14	1	Ø8	4	225	225	900	3.6	
	2	Ø10	2	120	120	240	1.5	
	3	Ø8	2	600	600	1200	4.7	
	4	Ø10	2	110	110	220	1.4	
	5	Ø10	2	985	985	1970	12.1	
	6	Ø10	2	305	305	610	3.8	
	7	Ø5	64	80	80	5120		8.0
Total+10%:							29.8	8.8
Viga 19	1	Ø8	2	245	245	490	1.9	
	2	Ø10	2	200	200	400	2.5	
	3	Ø8	2	210	210	420	1.7	
	4	Ø10	2	105	105	210	1.3	
	5	Ø10	2	741	741	1482	9.1	
	6	Ø5	36	80	80	2880		4.5
Total+10%:							18.2	5.0
Viga 22=Viga 24	1	Ø10	2	130	130	260	1.6	
	2	Ø8	2	200	200	400	1.6	
	3	Ø10	2	100	100	200	1.2	
	4	Ø10	2	411	411	822	5.1	
	5	Ø5	19	80	80	1520		2.4
Total+10%: (x2):							10.5	2.6
Viga 23	1	Ø8	2	395	395	790	3.1	
	2	Ø10	2	110	110	220	1.4	
	3	Ø8	2	95	95	190	0.8	
	4	Ø10	2	628	628	1256	7.7	
	5	Ø5	26	80	80	2080		3.3
Total+10%:							14.3	3.6
Viga 16	1	Ø10	2	105	105	210	1.3	
	2	Ø8	2	205	205	410	1.6	
	3	Ø10	2	110	110	220	1.4	
	4	Ø10	2	399	399	798	4.9	
	5	Ø5	17	80	80	1360		2.1
Total+10%:							10.1	2.3
Viga 20	1	Ø10	2	110	110	220	1.4	
	2	Ø8	2	180	180	360	1.4	
	3	Ø10	2	155	155	310	1.9	
	4	Ø10	2	413	413	826	5.1	
	5	Ø5	18	80	80	1440		2.3
Total+10%:							10.8	2.5
Viga 17	1	Ø8	2	146	146	292	1.2	
	2	Ø10	2	220	220	440	2.7	
	3	Ø5	3	80	80	240		0.4
Total+10%:							4.3	0.4
Viga 25	1	Ø10	4	140	140	560	3.5	
	2	Ø8	2	275	275	550	2.2	
	3	Ø10	2	531	531	1062	6.5	
	4	Ø5	25	80	80	2000		3.1
Total+10%:							13.4	3.4
							Ø5:	0.0
							Ø8:	31.8
							Ø10:	101.7
							Total:	133.5
								33.0

Resumo Aço	Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø8	158.0	69
CA-50	Ø10	359.1	243
CA-60	Ø5	468.0	81
Total			393



PREFEITURA MUNICIPAL DE PETROLÂNDIA

TIPOLOGIA:	Projeto - Reforma e Ampliação - PSF Apolônio Sales		
ENDEREÇO:	Projeto Apolônio Sales Petrolândia - Pe		
QUADRO DE ÁREAS:		INFORMAÇÕES:	
REFORMA	351,68m²		
CONTRATANTE:	Prefeitura Municipal de Petrolândia	CPF/CNPJ:	10.106.235/0001-16
CONTATO EMPRESA:		CONTRATO CONTRATANTE:	(87)3851-1156
ATUAÇÃO:	Projeto de Engenharia	REVISOR DO PROJETO:	
CAU/CREA:		DATA:	Agosto - 2025
ESTRUTURA		PRANCHA:	03/ 05