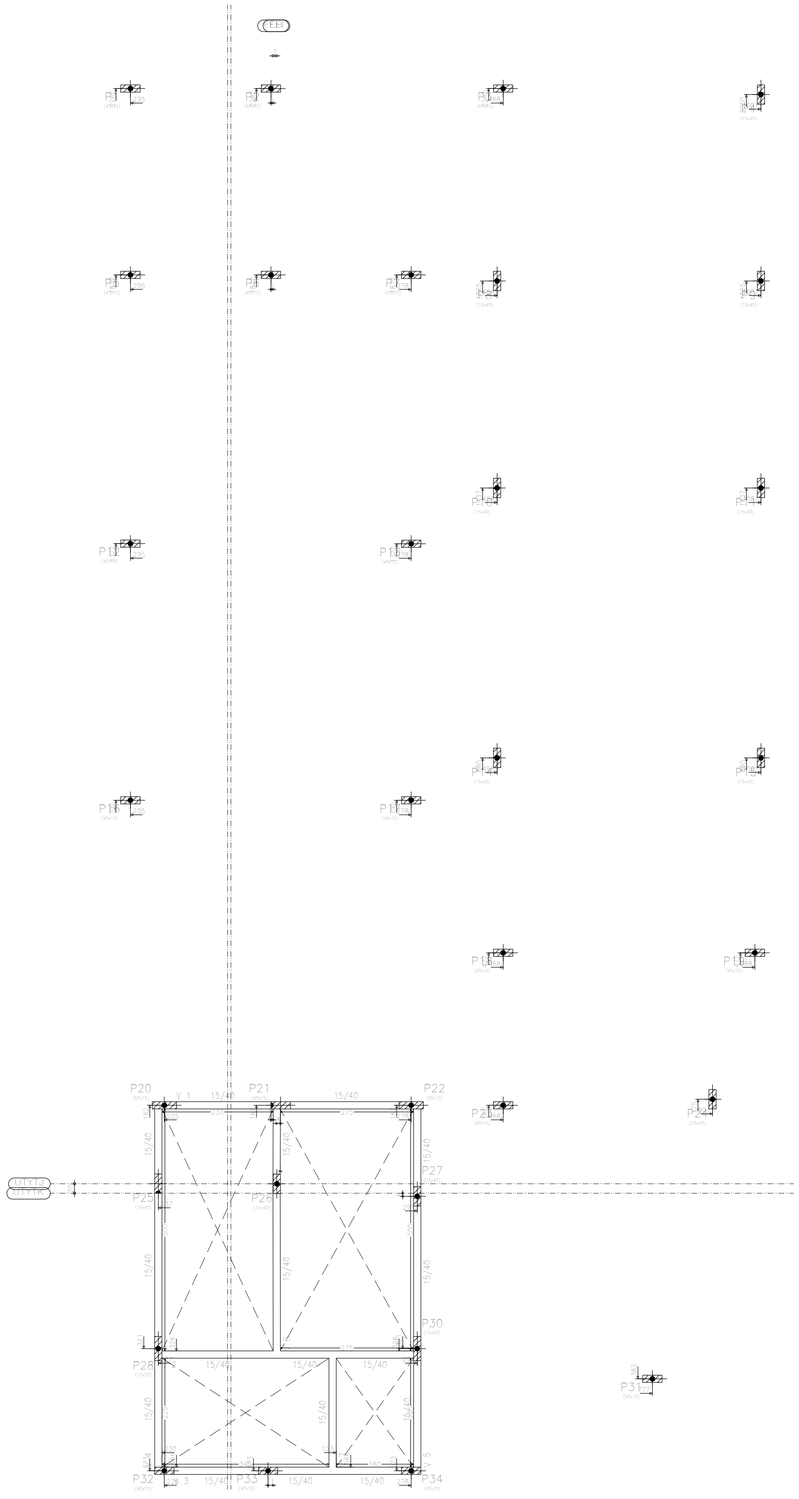
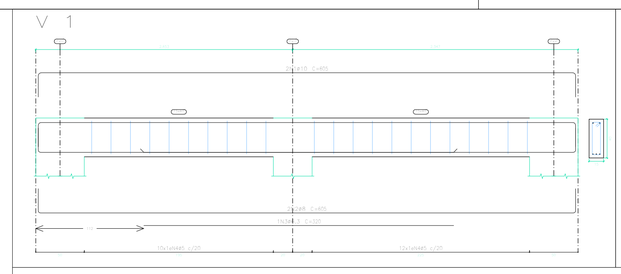
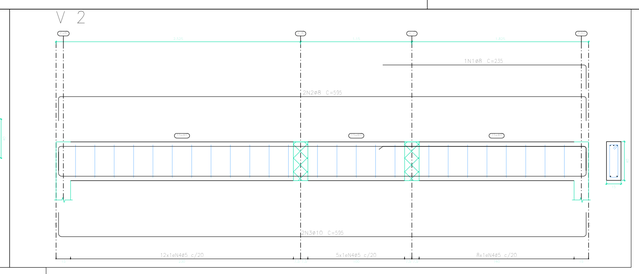
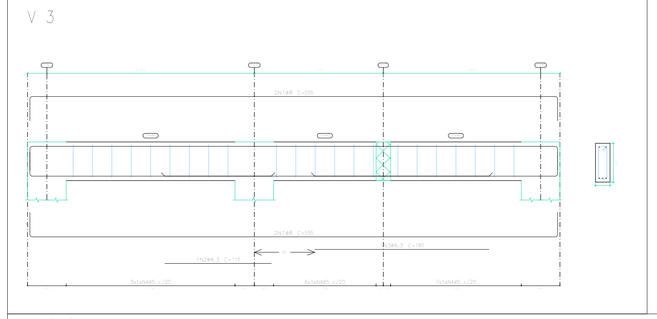
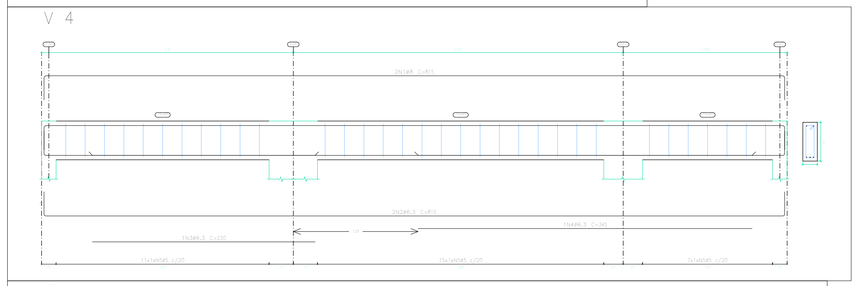


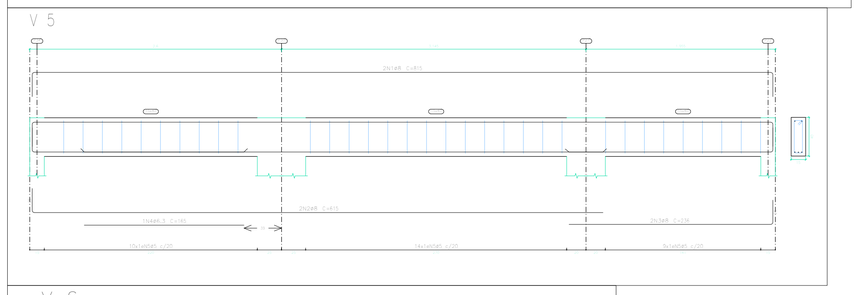
VIGAMENTO PLATIBANDA
1/50

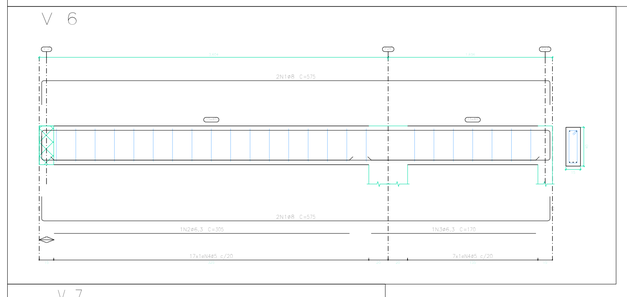


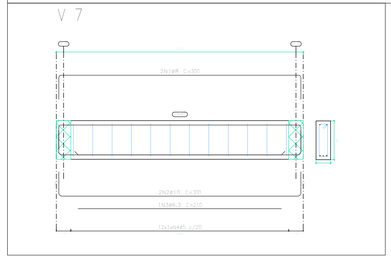












Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V. 1	1	ø10	2	605	605	2210	7.5	
	2	ø8	2	605	605	2210	4.8	
	3	ø6.3	1	320	320	320	0.8	
	4	ø5	22	94	2068			5.2
						Total+10%	14.4	5.5
V. 2	1	ø8	4	595	2355	7355	6.9	
	2	ø8	2	595	1190	4760	4.7	
	3	ø10	2	595	1190	2380	7.3	
	4	ø5	25	94	2350			5.7
						Total+10%	14.2	6.3
V. 3	1	ø8	4	595	2380	9520	8.4	
	2	ø6.3	1	110	110	110	0.3	
	3	ø6.3	1	180	180	180	0.4	
	4	ø5	22	94	2068			5.2
						Total+10%	11.1	5.5
V. 4	1	ø8	2	815	1630	6520	5.7	
	2	ø6.3	2	815	1630	4.9		
	3	ø6.3	1	230	230	0.6		
	4	ø6.3	1	345	345	0.8		
	5	ø5	33	94	3102			6.9
						Total+10%	12.3	6.4
V. 5	1	ø8	2	815	1630	6520	5.7	
	2	ø8	2	815	1630	4.9		
	3	ø8	2	236	472	1.9		
	4	ø6.3	1	165	165	0.4		
	5	ø5	33	94	3102			6.9
						Total+10%	13.0	5.6
V. 6	1	ø8	4	575	2300	9200	8.1	
	2	ø6.3	2	305	305	0.7		
	3	ø6.3	1	170	170	0.4		
	4	ø5	24	94	2256			5.5
						Total+10%	11.2	5.9
V. 7	1	ø8	2	300	600	2.4		
	2	ø10	2	300	600	3.7		
	3	ø6.3	1	310	310	0.8		
	4	ø5	12	94	1128			1.8
						Total+10%	7.7	2.0
						ø5:	0.0	27.8
						ø6.3:	17.0	0.0
						ø8:	55.8	0.0
						ø10:	20.4	0.0
						Total:	94.2	27.8

Resumo Aço Desenho de vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50	ø6.3	36,7	10	
	ø8	128,8	56	
	ø10	30,0	20	86
CA-60	ø5	160,7	28	28
Total				114

Cobertura casa das máquinas
Desenho de vigas
Concreto: C25, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:20
Escala seções 1:20
Escala aberturas 1:20

Cobertura casa das máquinas
Piso
Escala: 1:50

Cobertura casa das máquinas - Concreto (m³)			
Elemento	Volume (m³)	Volume (m³)	Volume (m³)
Vigas baldrame	3.74	0.34	4.08
Pilares internos	24.80		
Pilares (incl. fundação)	40.41	3.45	44.86
Total	69.00	3.80	72.94
Volume por m²	1.38	0.07	1.45

PREFEITURA DE VILA PAVÃO/ES

SECRETARIA MUNICIPAL DE DESENVOLVIMENTO ECONÔMICO

semde@vilapavao.es.gov.br vilapavao.es.gov.br
(27) 3753-1001
Rua Travessa Pavão, n° 80, Centro - Vila Pavão/ES

Prefeitura de Vila Pavão/ES:

PROJETO ESTRUTURAL

OBRA: CONSTRUÇÃO CRAS DE VILA PAVÃO
ESCALA: INDICADAS
ENDEREÇO DA OBRA: RUA ADECLÍNO DURAES, BAIRRO NOVA MUNIQUE, VILA PAVÃO/ES
PROPRIETÁRIO: MUNICÍPIO DE VILA PAVÃO
CNPJ: 36.350.346/0001-67
ENDEREÇO DO PROPRIETÁRIO: RUA TRAVESSA PAVÃO, N° 80, BAIRRO CENTRO, VILA PAVÃO/ES
CONTEÚDO:
VIGAMENTO PLATIMBANDA
DETALHES DE VIGAS DA PLATIMBANDA
QUADRO DE FERRAGENS
DESENHO: ANANDA NOBRE
DATA: FEVEREIRO / 2021
PRANCHA: 38/38

RESPONSÁVEL TÉCNICO:
PRECILA BRUMATTI DELEVIDOVE
CREA – 00.46153/D

PROPRIETÁRIO:
PREFEITURA DE VILA PAVÃO