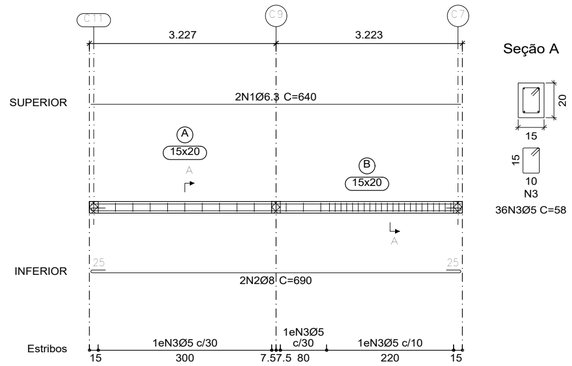
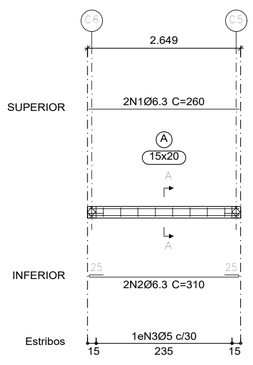
V 17
Escala vigas 1:75
Escala seções 1:25



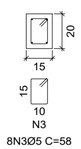
Seção A

36N3Ø5 C=58

V 18
Escala vigas 1:75
Escala seções 1:25



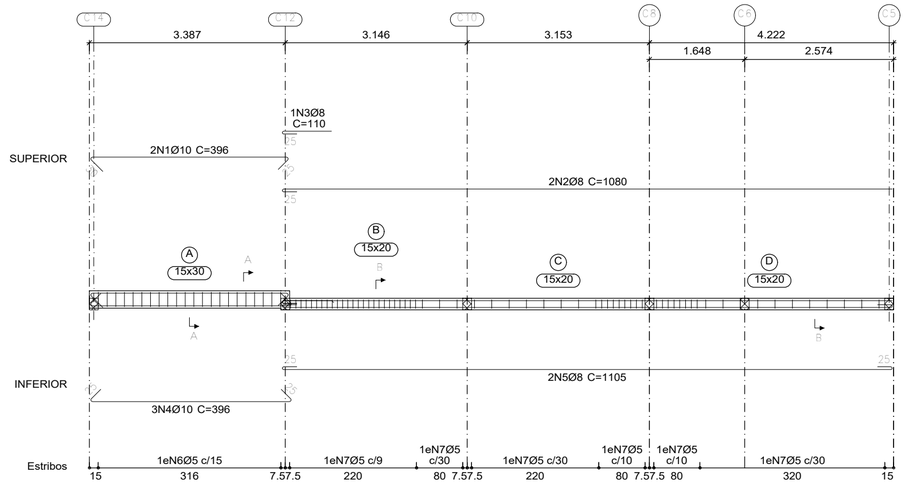
Seção A



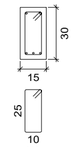
8N3Ø5 C=58

TÉRREO
Desenho de vigas
Concreto: C25, usina.rigor
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:75
Escala seções 1:25
Escala aberturas 1:25

V 19
Escala vigas 1:75
Escala seções 1:25

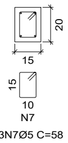


Seção A



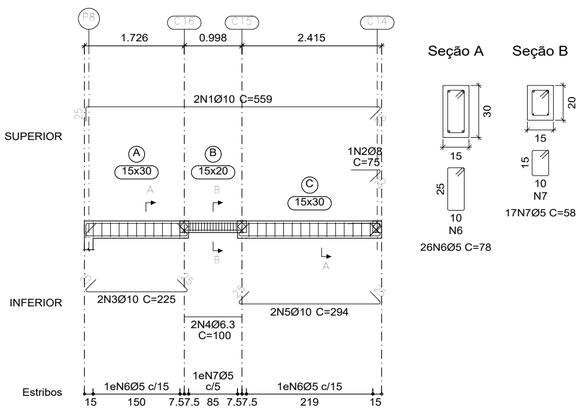
22N6Ø5 C=78

Seção B



63N7Ø5 C=58

V 20
Escala vigas 1:75
Escala seções 1:25



Seção A

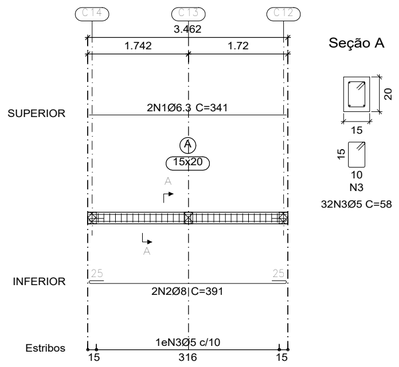
26N6Ø5 C=78

Seção B

17N7Ø5 C=58

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 17	1	Ø6.3	2	640	640	1280	3.1	
	2	Ø8	2	25 640 25	690	1380	5.4	
	3	Ø5	36	15 5 10	58	2088		3.3
						Total+10%:	9.4	3.6
V 18	1	Ø6.3	2	260	260	520	1.3	
	2	Ø6.3	2	25 260 25	310	620	1.5	
	3	Ø5	8	15 5 10	58	464		0.7
						Total+10%:	3.1	0.8
V 19	1	Ø10	2	341 (35 / 78)	396	792	4.9	
	2	Ø8	2	25 1055	1080	2160	8.5	
	3	Ø8	1	25 85	110	110	0.4	
	4	Ø10	3	22 346 135	396	1188	7.3	
	5	Ø8	2	25 1055 25	1105	2210	8.7	
	6	Ø5	22	25 5 10	78	1716		2.7
	7	Ø5	63	15 5 10	58	3654		5.7
						Total+10%:	32.8	9.2
V 20	1	Ø10	2	509 (35 / 78)	559	1118	6.9	
	2	Ø8	1	50 (78)	75	75	0.3	
	3	Ø10	2	22 175 135	225	450	2.8	
	4	Ø6.3	2	100	100	200	0.5	
	5	Ø10	2	22 244 135	294	588	3.6	
	6	Ø5	26	25 5 10	78	2028		3.2
	7	Ø5	17	15 5 10	58	986		1.5
						Total+10%:	15.5	5.2
V 21	1	Ø6.3	2	341	341	682	1.7	
	2	Ø8	2	25 341 25	391	782	3.1	
	3	Ø5	32	15 5 10	58	1856		2.9
						Total+10%:	5.3	3.2
V 22	1	Ø6.3	2	1005	1005	2010	4.9	
	2	Ø6.3	2	760	760	1520	3.7	
	3	Ø6.3	2	25 995	1020	2040	5.0	
	4	Ø6.3	2	745 25	770	1540	3.8	
	5	Ø5	123	15 5 10	58	7134		11.2
						Total+10%:	19.1	12.3
						Ø5:	0.0	34.3
						Ø6.3:	28.0	0.0
						Ø8:	29.2	0.0
						Ø10:	28.0	0.0
						Total:	85.2	34.3

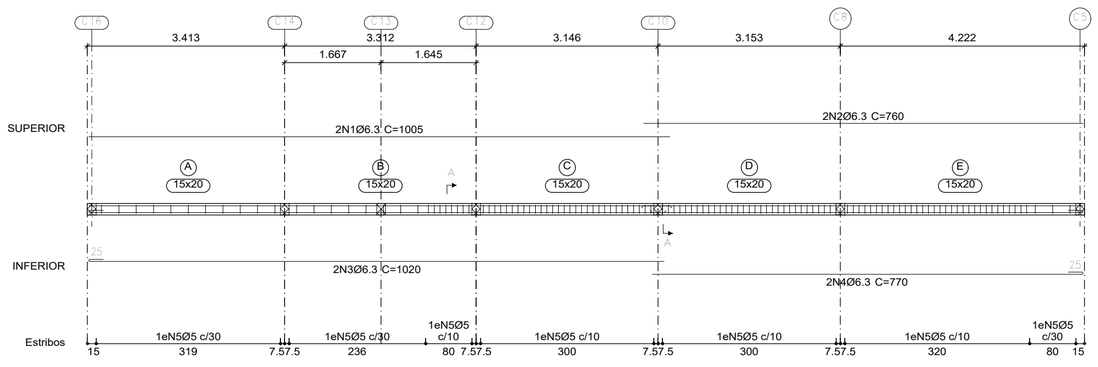
V 21
Escala vigas 1:75
Escala seções 1:25



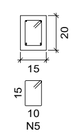
Seção A

32N3Ø5 C=58

V 22
Escala vigas 1:75
Escala seções 1:25



Seção A



123N5Ø5 C=58

Resumo Aço Desenho de vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø6.3	290.6	78	
	Ø8	204.9	89	
	Ø10	77.8	53	220
CA-60	Ø5	495.8	86	86
Total				306

PROJETO ESTRUTURAL - PSF - PINHALZINHO

ESTRUTURAL - DESENHO DE VIGAS DO RESPALDO DO PAV. TÉRREO

LOCAL: BAIRRO DO PINHALZINHO
MUNICÍPIO: ITAPEVA-MG
DATA: AGOSTO / 2026
ESCALA: 1: 50

SECRETARIA MUNICIPAL DE OBRAS:
PREFEITURA MUNICIPAL DE ITAPEVA-MG

PEDRO LUIZ BARBOSA
ENGENHEIRO CIVIL
CREA 5061455123D

FOLHA
Nº 10/10