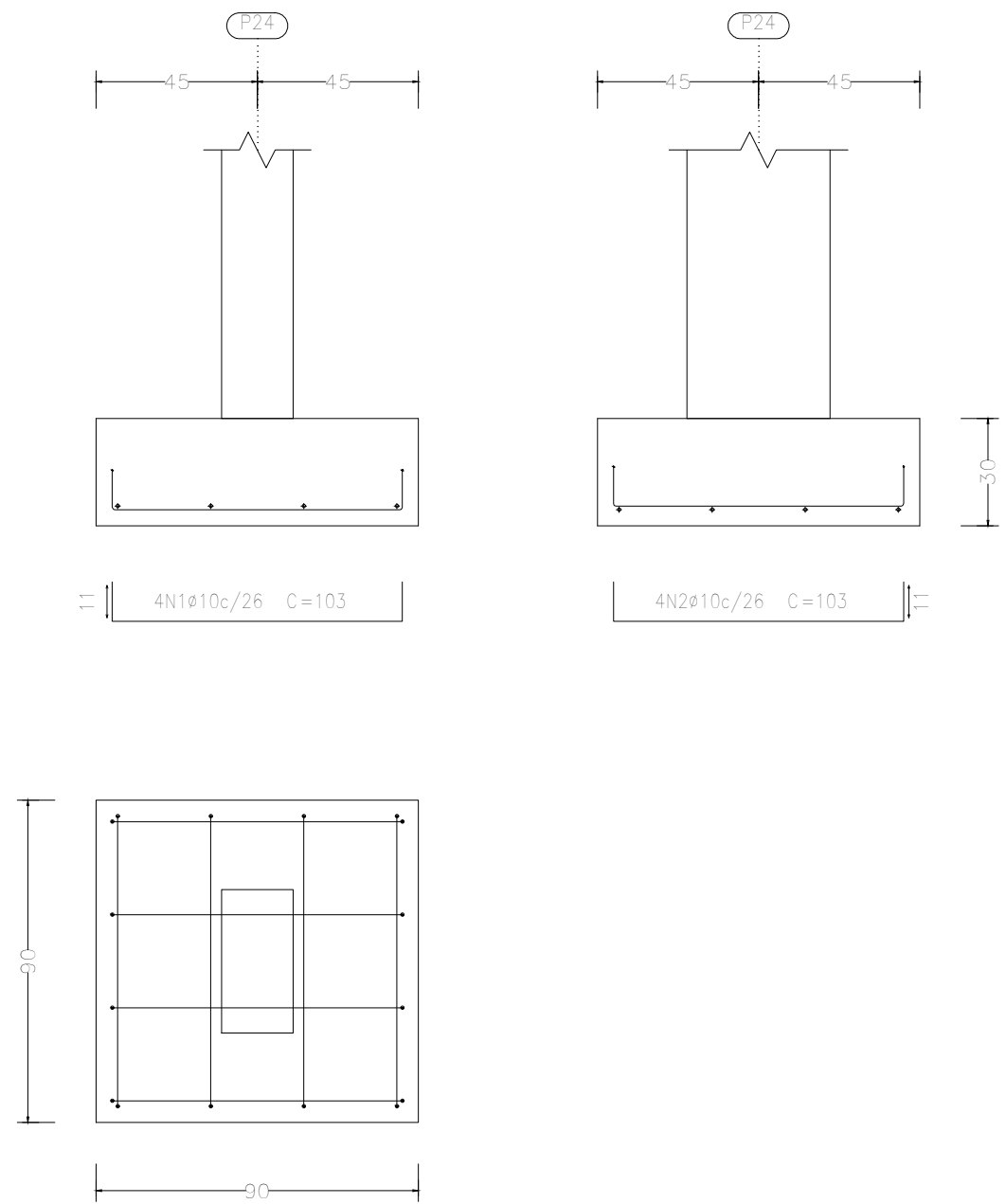
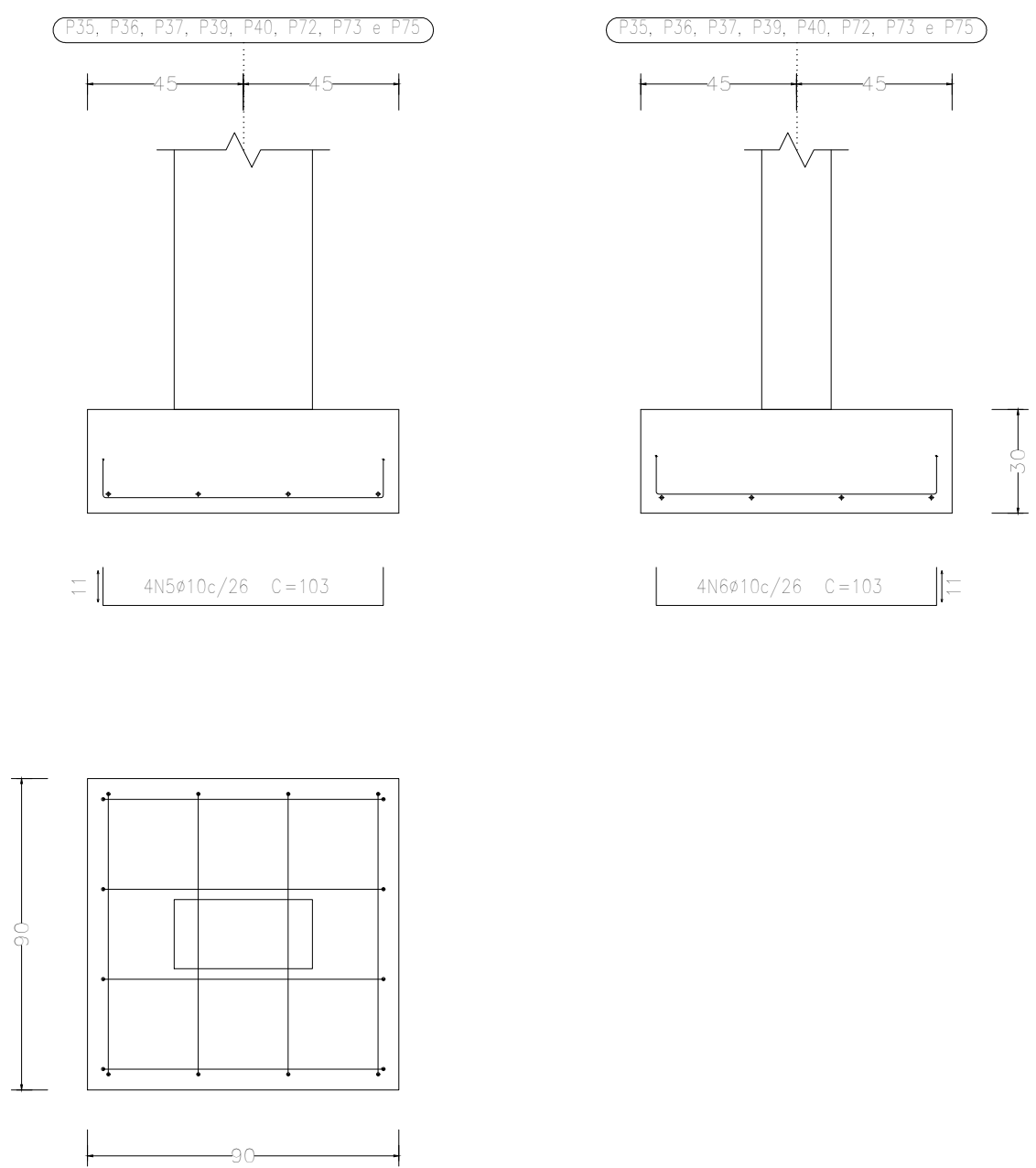


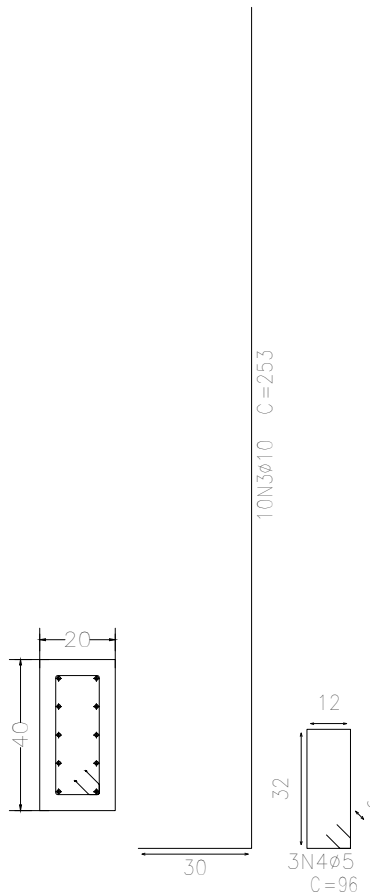
P24



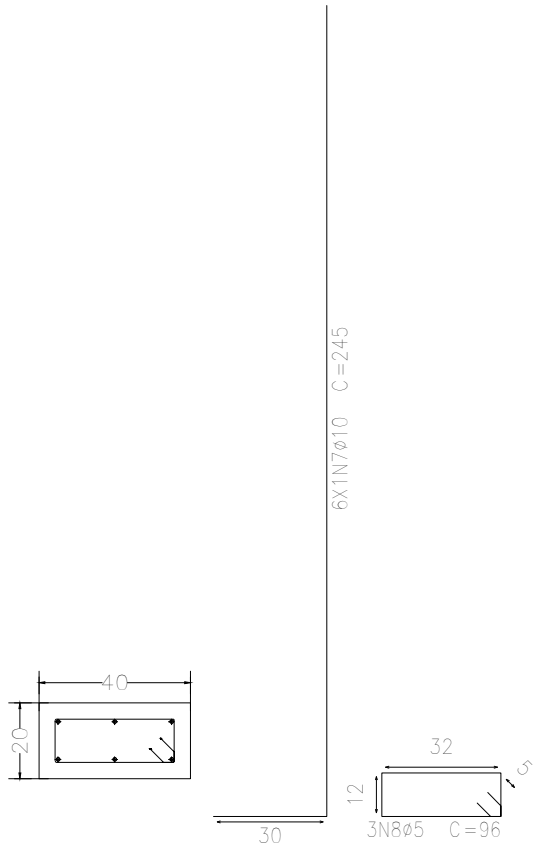
P35, P36, P37, P39, P40, P72, P73 e P75



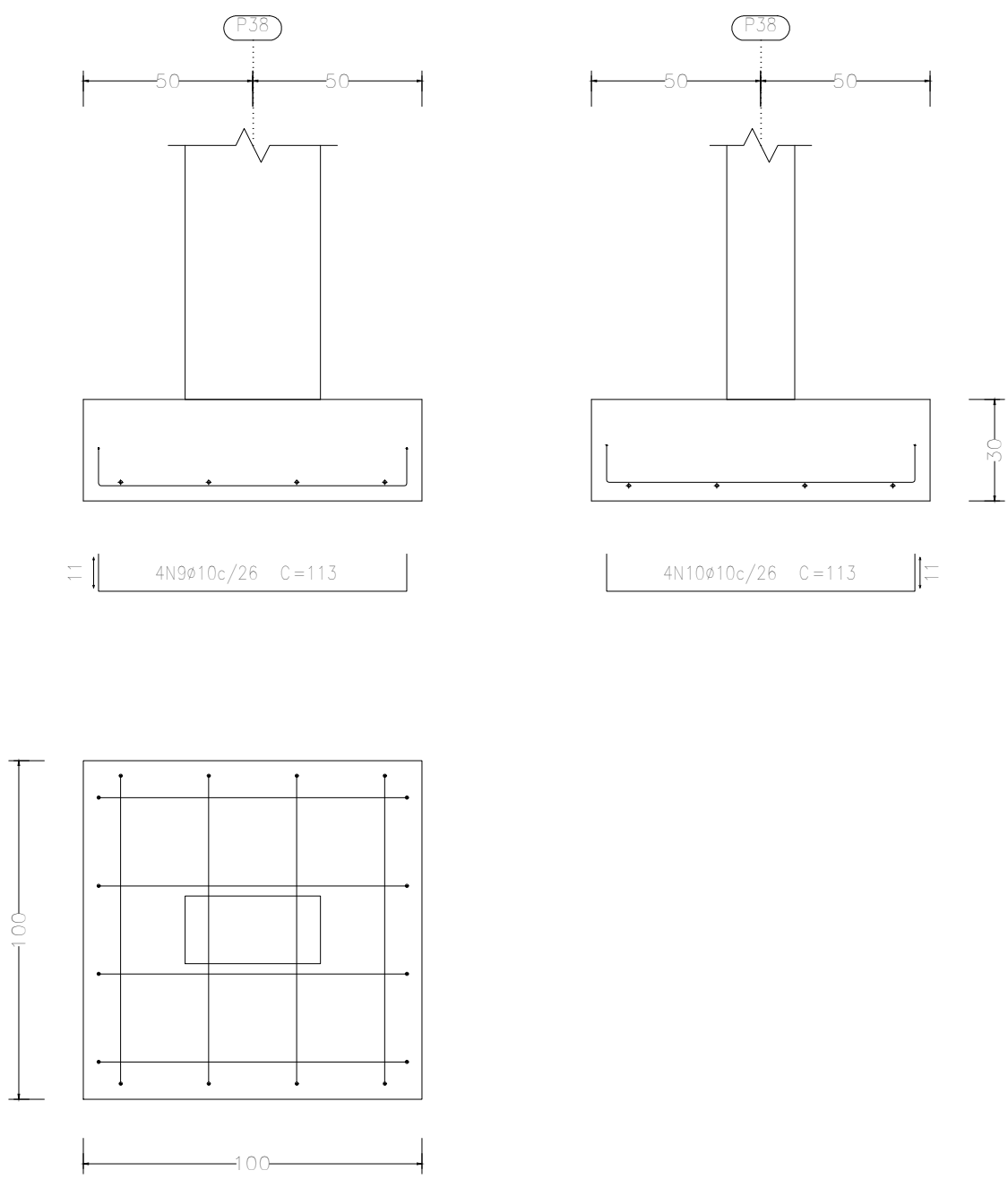
P24



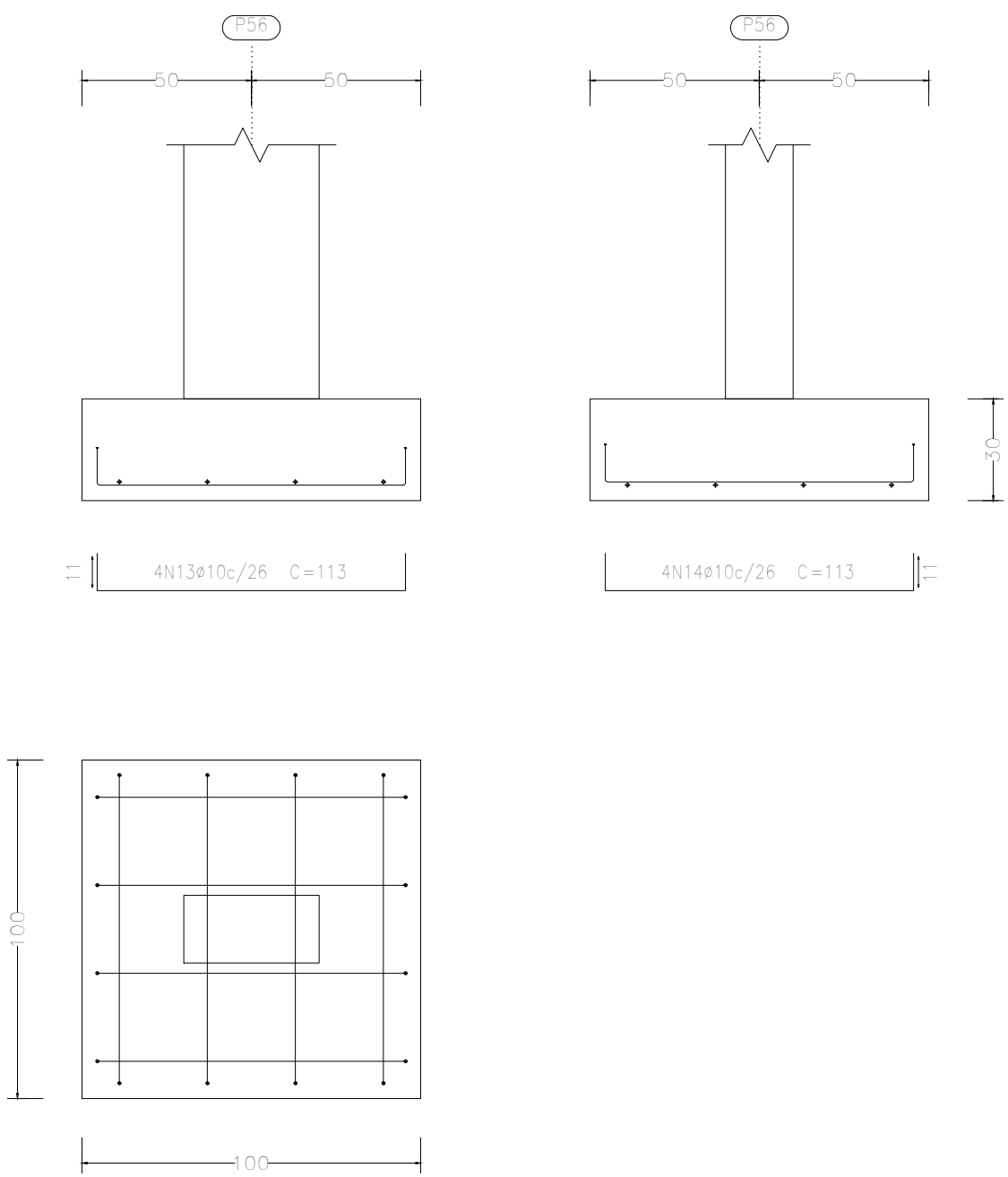
P35, P36, P37, P39, P40, P72, P73 e P75



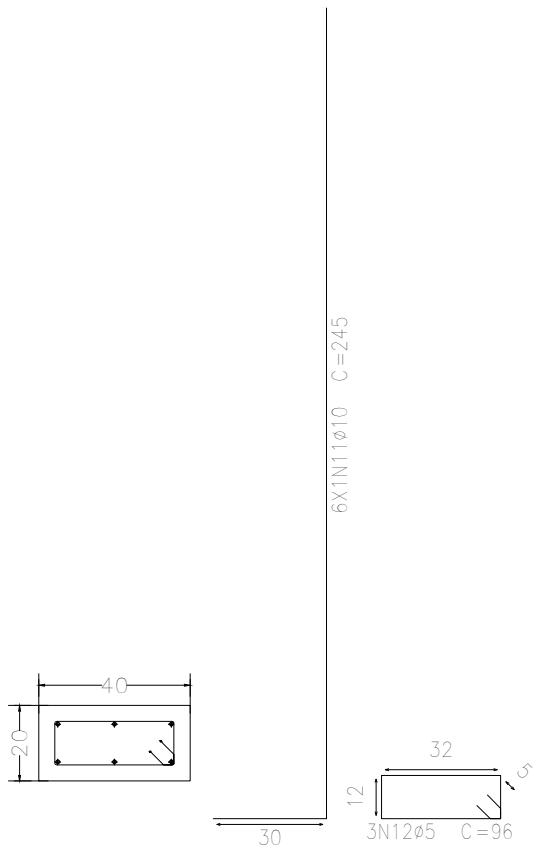
P38



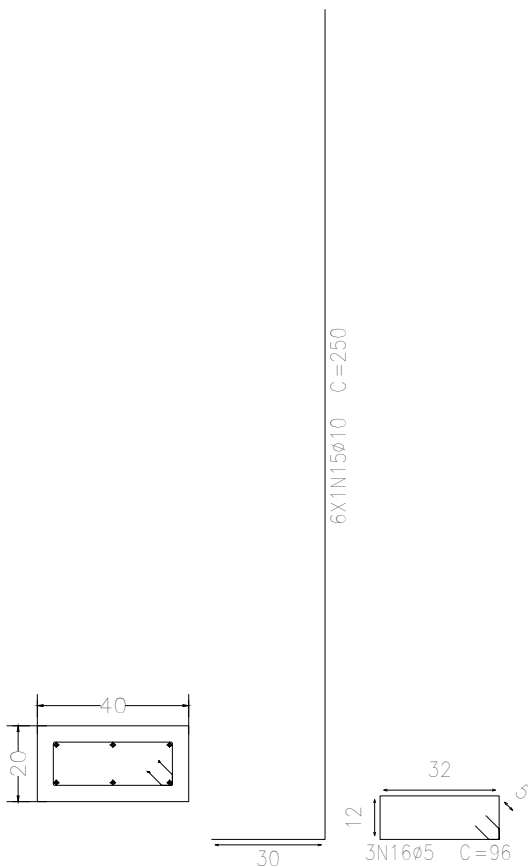
P56



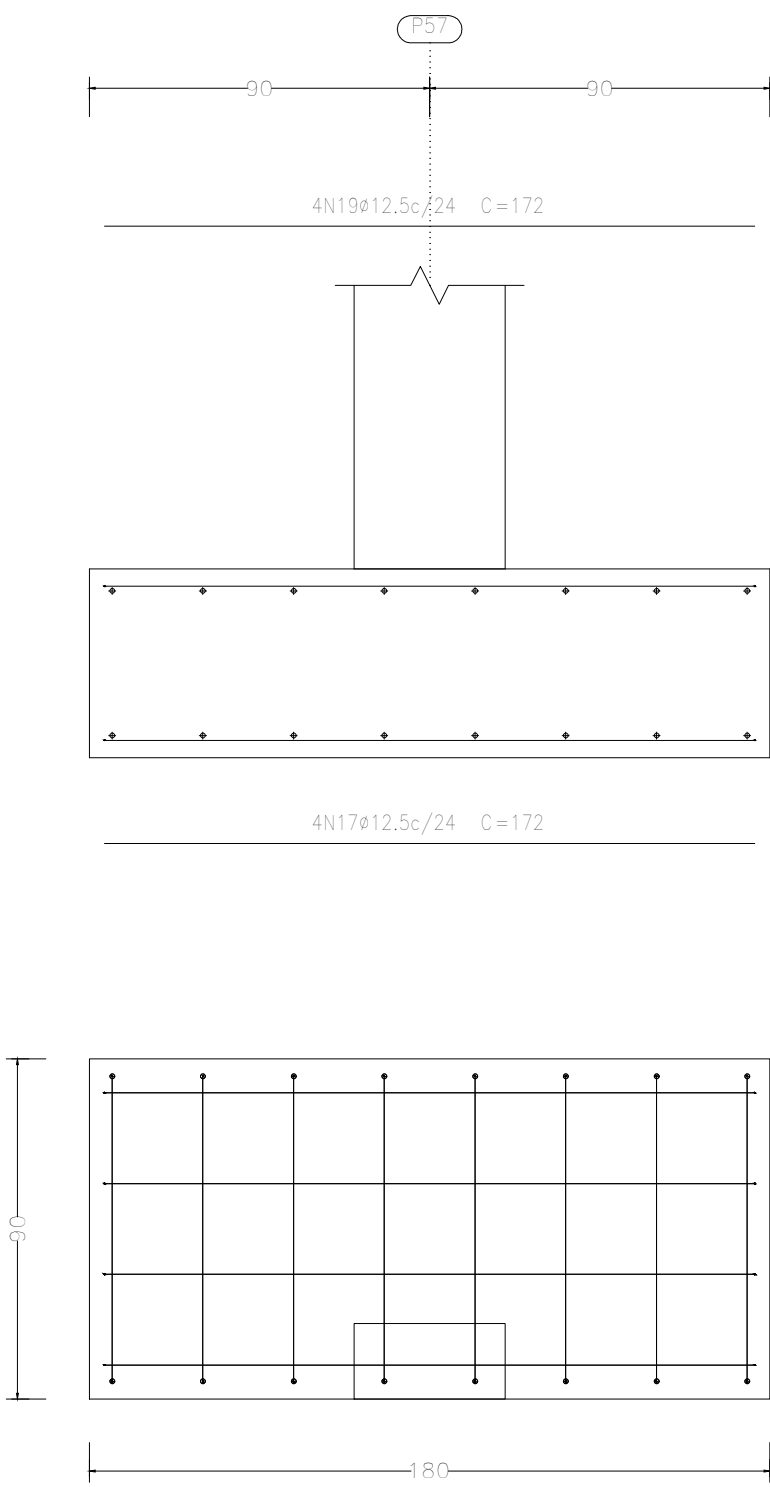
P38



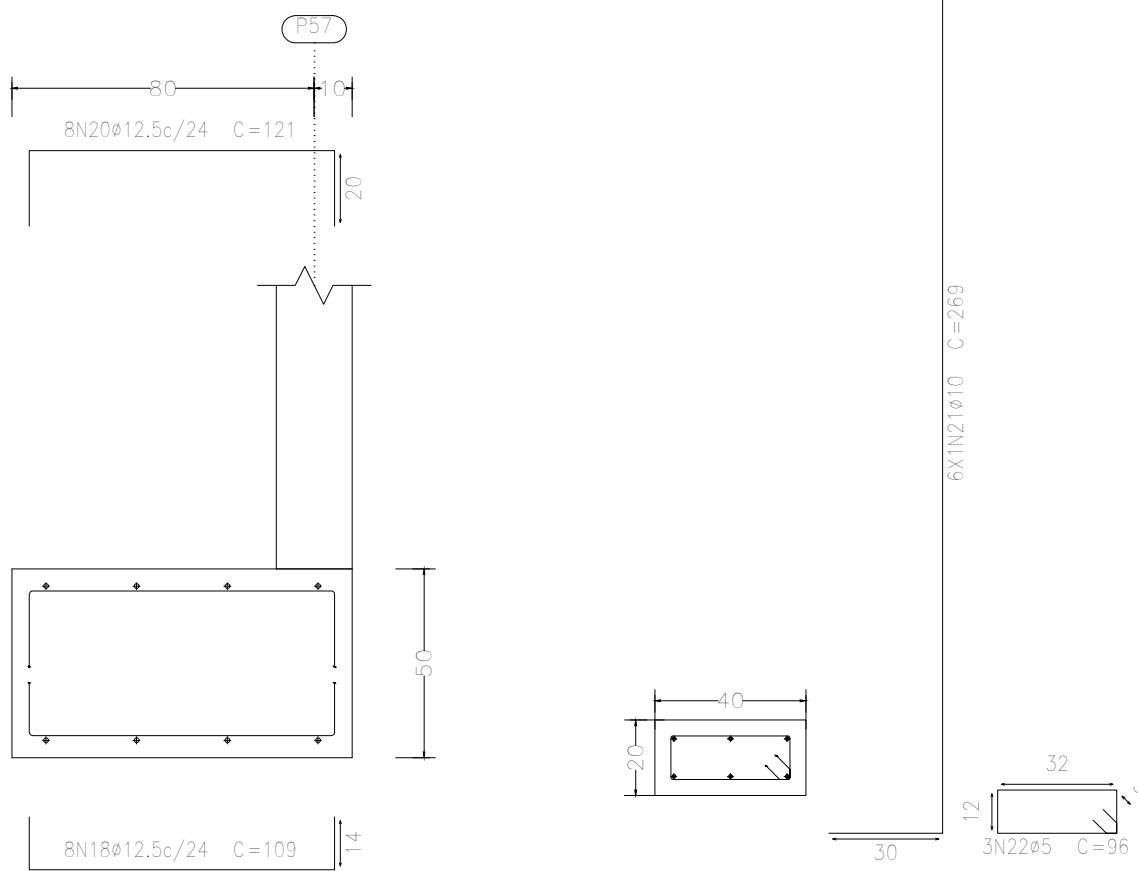
P56



P57




P57



Resumo Aço Fundação	Comp. total (m)	Peso+10% (kg)	Total
CA-50 ø6.3	5.9	2	
ø10	1119.7	759	
ø12.5	52.6	56	817
CA-60 ø5	132.5	23	23
Total			840

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reto (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P24	1	ø10	4	11	81	11	103	412	2.5	
	2	ø10	4	11	81	11	103	412	2.5	
	3	ø10	10	30	223		253	2530	15.6	
	4	ø5	3		96		96	288		0.5
Total+10%								22.7	0.6	
P35=P36=P37=P39 P40=P72=P73=P75	5	ø10	4	11	81	11	103	412	2.5	
	6	ø10	4	11	81	11	103	412	2.5	
	7	ø10	6	30	215		245	1470	9.1	
	8	ø5	3		96		96	288		0.5
Total+10%								15.5	0.6	
(v8)								124.0	4.8	
P38	9	ø10	4	11	91	11	113	452	2.8	
	10	ø10	4	11	91	11	113	452	2.8	
	11	ø10	6	30	215		245	1470	9.1	
	12	ø5	3		96		96	288		0.5
Total+10%								16.2	0.6	
P56	13	ø10	4	11	91	11	113	452	2.8	
	14	ø10	4	11	91	11	113	452	2.8	
	15	ø10	6	30	220		250	1500	9.2	
	16	ø5	3		96		96	288		0.5
Total+10%								16.3	0.6	
P57	17	ø12.5	4		172		172	688	6.6	
	18	ø12.5	8	14	81	14	109	872	6.4	
	19	ø12.5	4		172		172	688	6.6	
	20	ø12.5	8	20	81	20	121	968	9.3	
	21	ø10	6	30	239		269	1614	9.9	
	22	ø5	3		96		96	288		0.5
	Total+10%								44.9	0.6
ø5:								0.0	7.2	
ø10:								190.1	0.0	
ø12.5:								34.0	0.0	
Total:								224.1	7.2	

		<b>PREFEITURA MUNICIPAL DE CAMPOS DE JÚLIO</b> <b>DEPARTAMENTO DE ENGENHARIA</b> Avenida Valdir Masutti, nº 1999, Bom Jardim - Campos de Júlio Fone:0xx65-3387-2800	
Obra:		Área Total: 1260,00 m² Área Coberta: 722,26 m² Área Permeável: 537,74 m²	
Centro de Convivência dos Idosos		Resp. Técnico:	
Prefeitura Municipal de Campos de Júlio		EDUARDO RAMPANELLI TOSETTO CREA - 1328958337	
Local: CCI - Centro de Convivência dos Idosos		Escala:	
Conteúdo: Projeto Estrutural		Indicadas	
Data: 04/04/2023		Folha: 03/19	