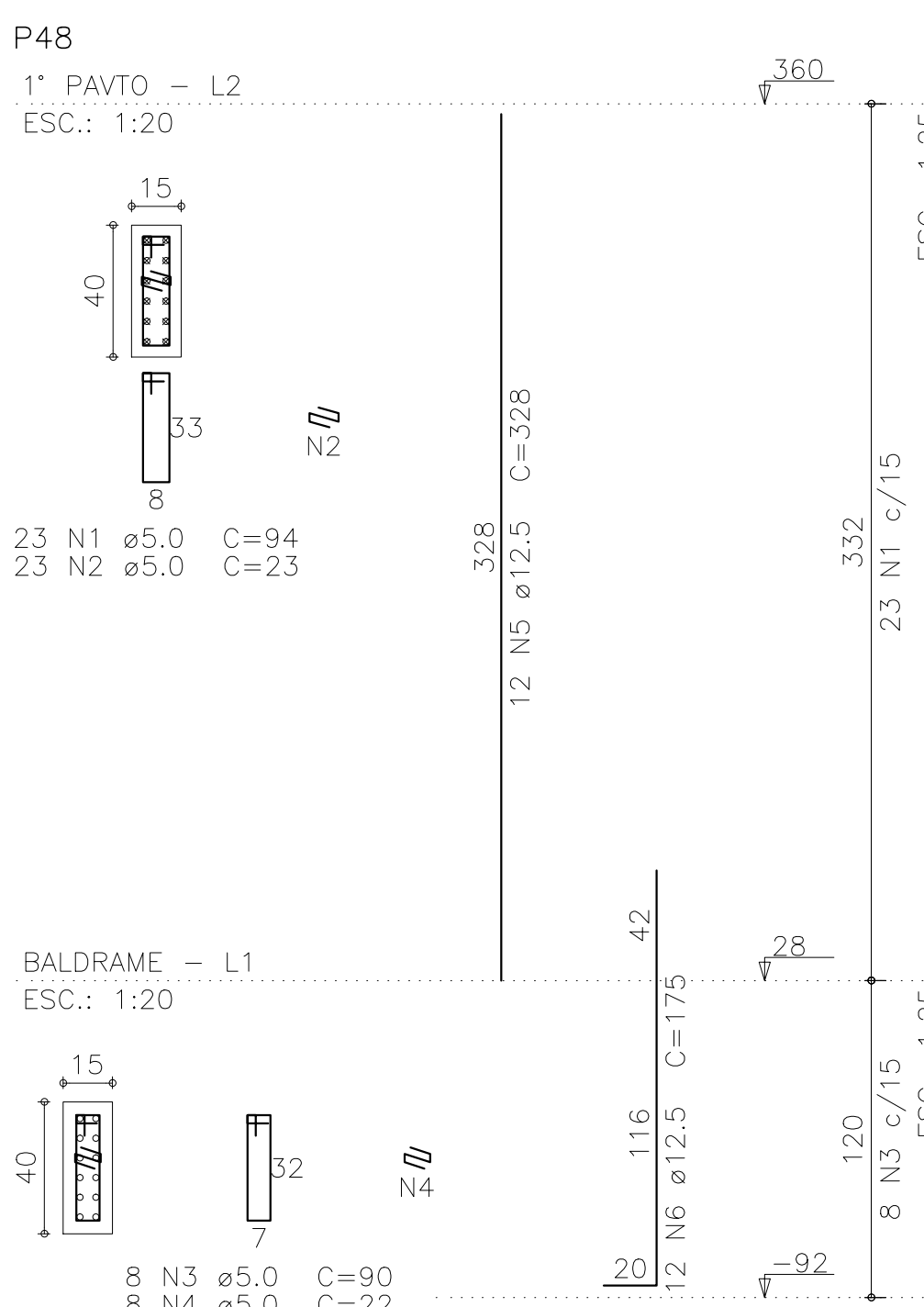
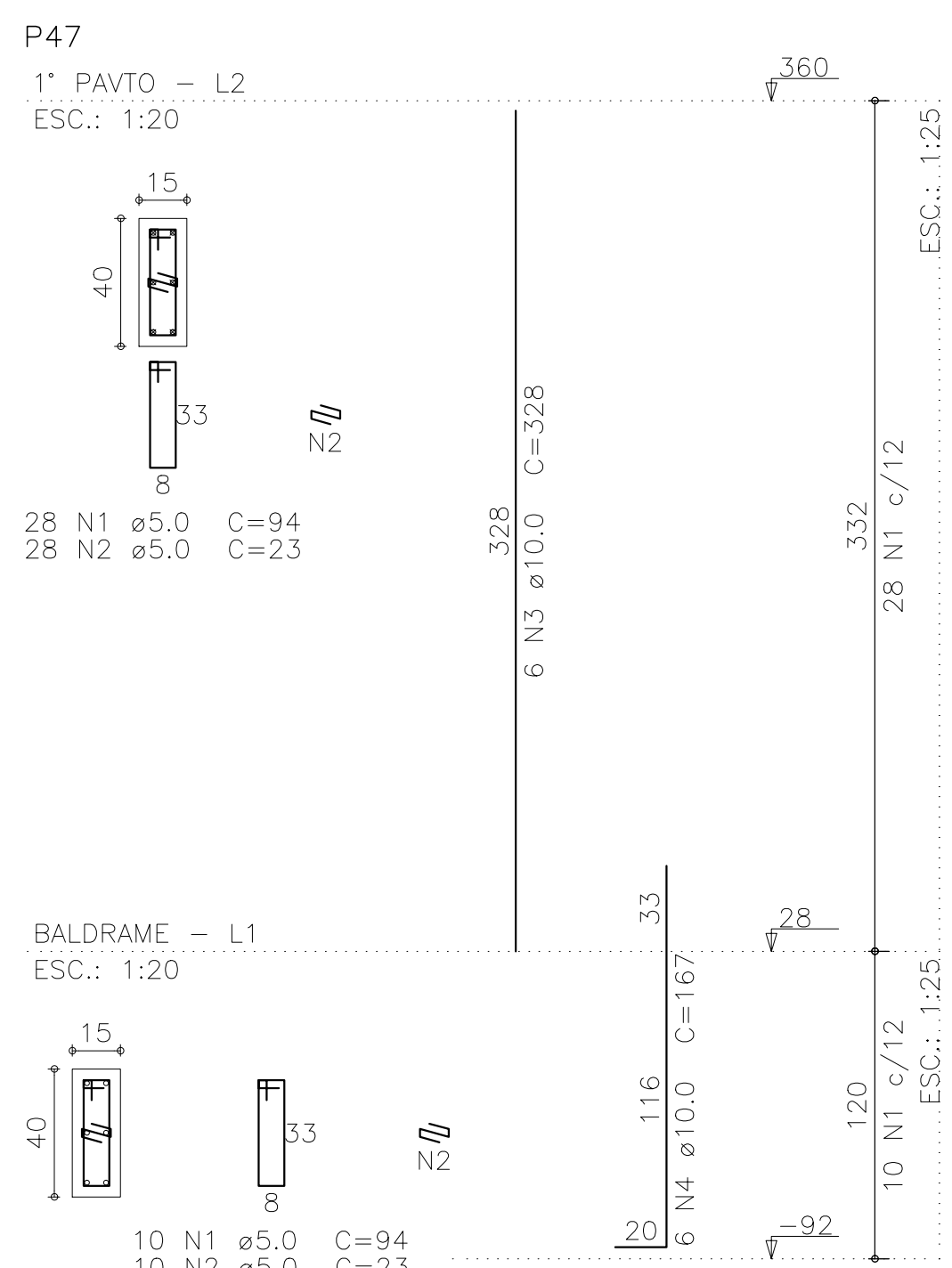
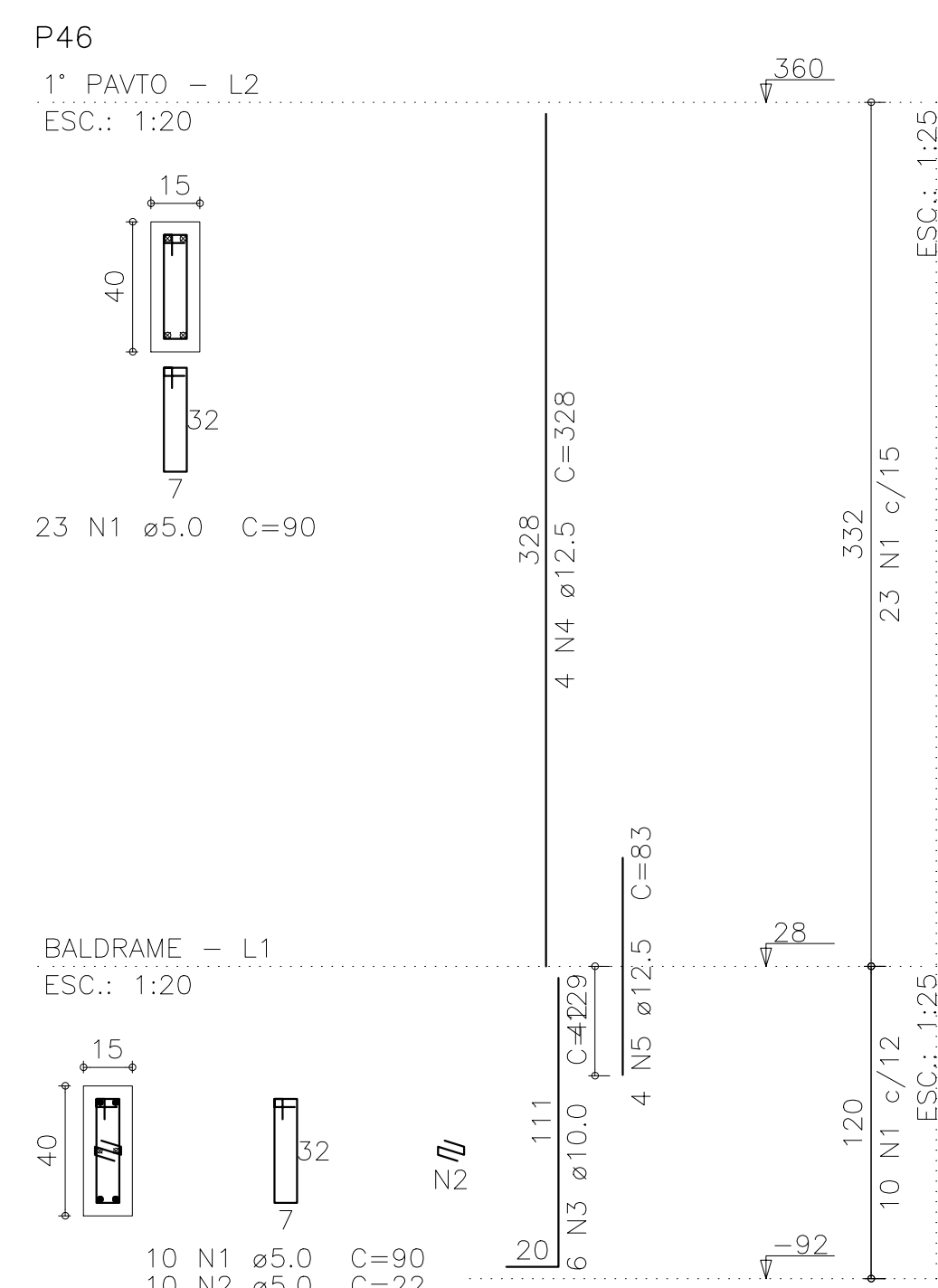
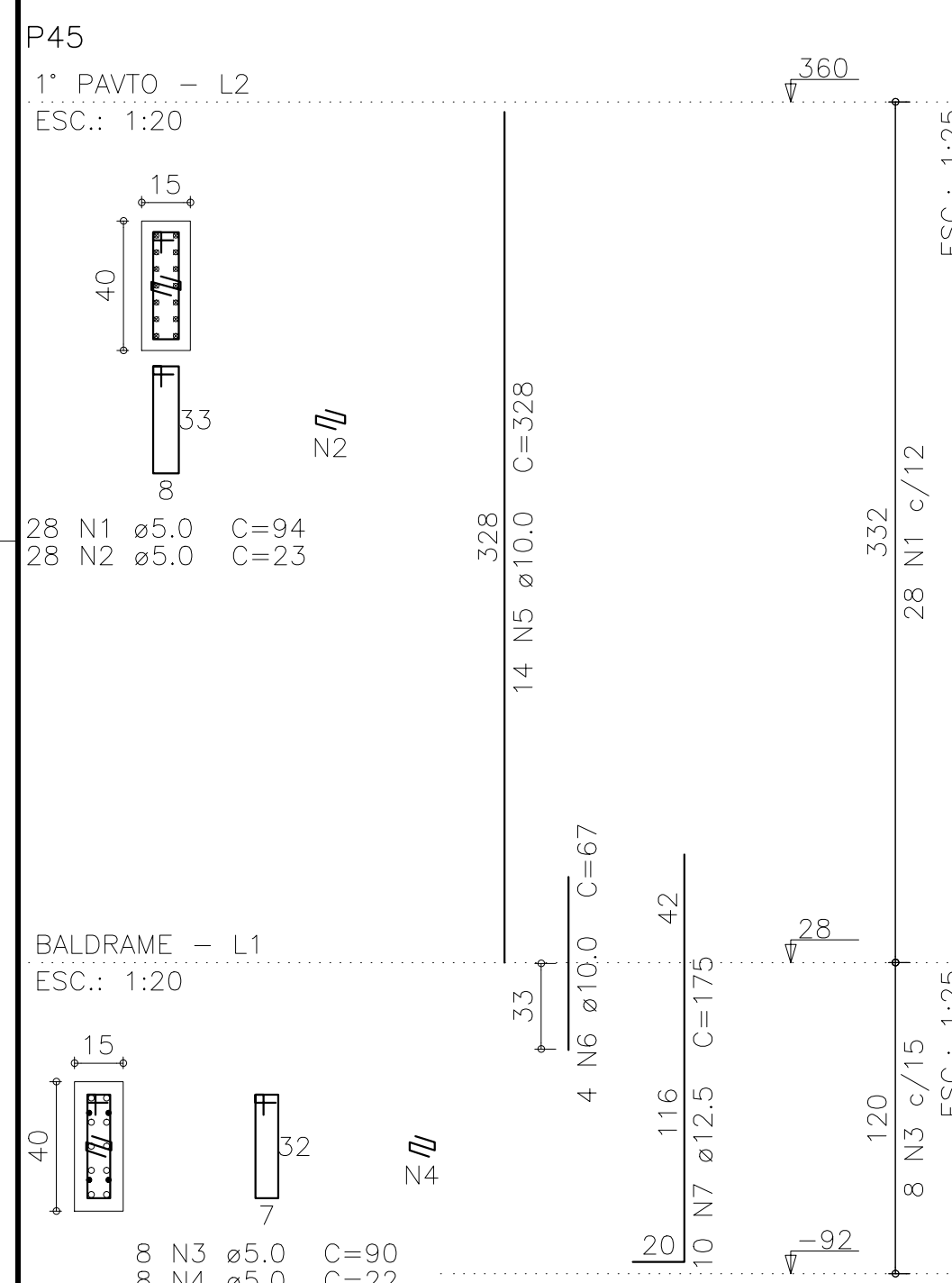
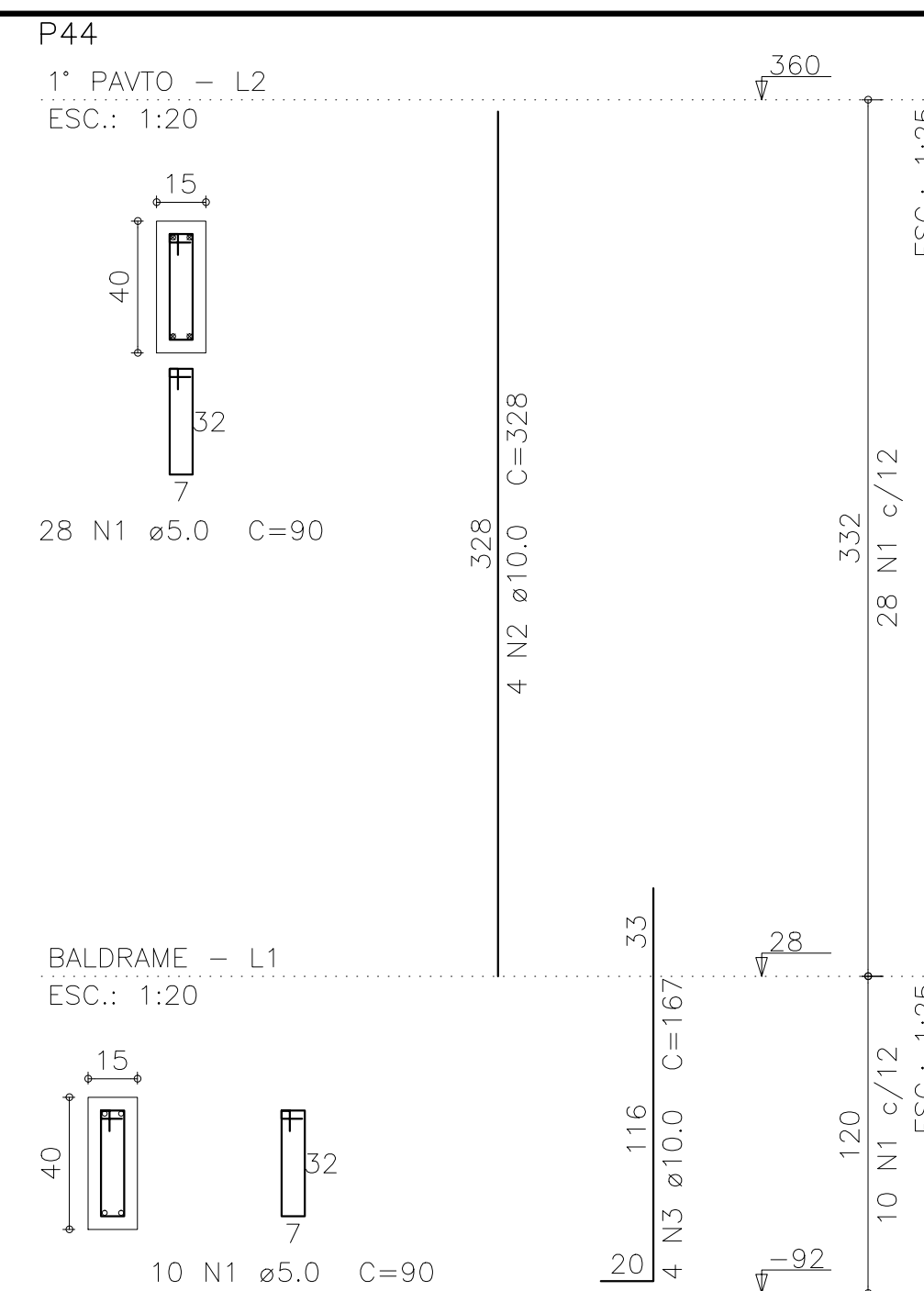
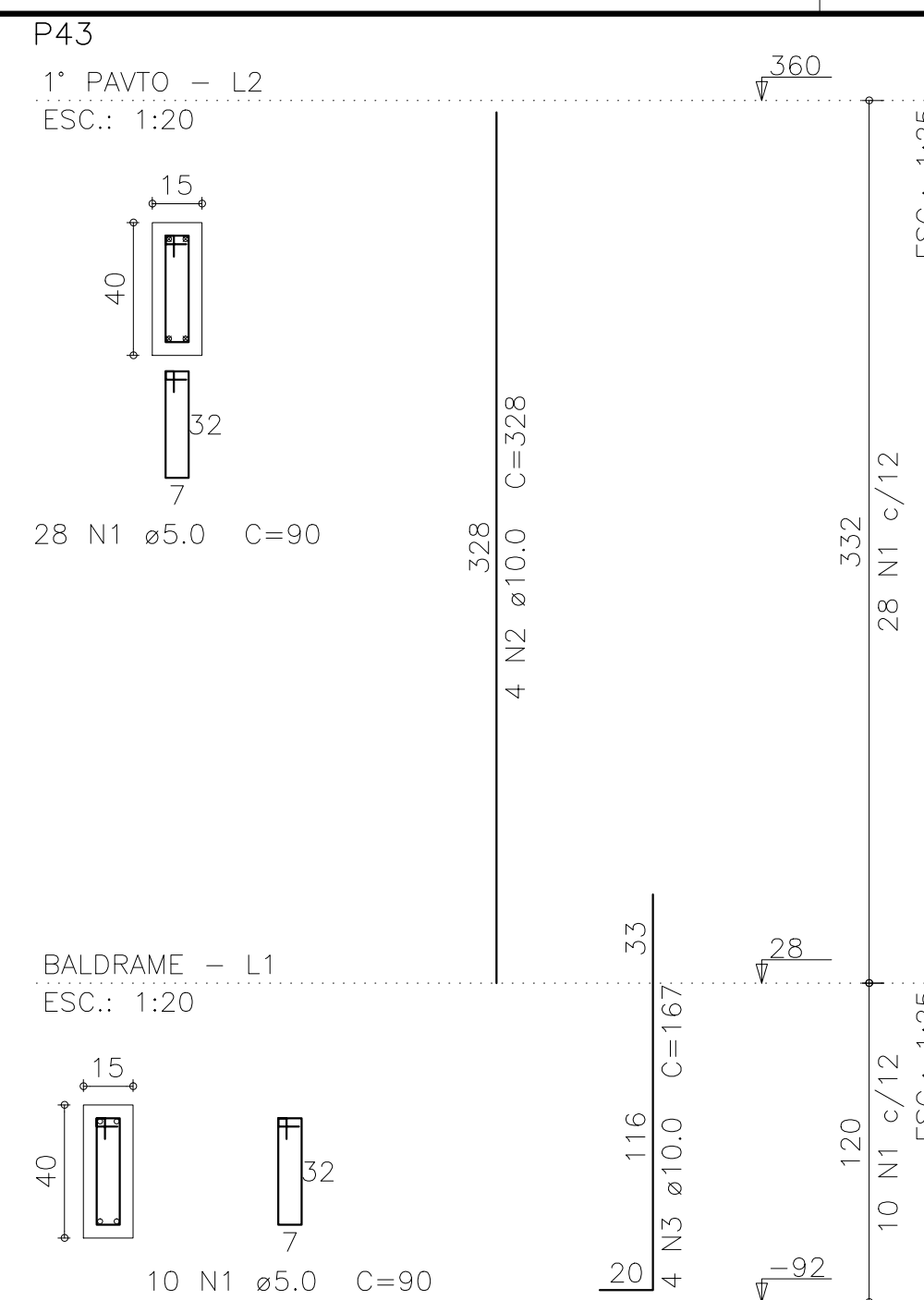
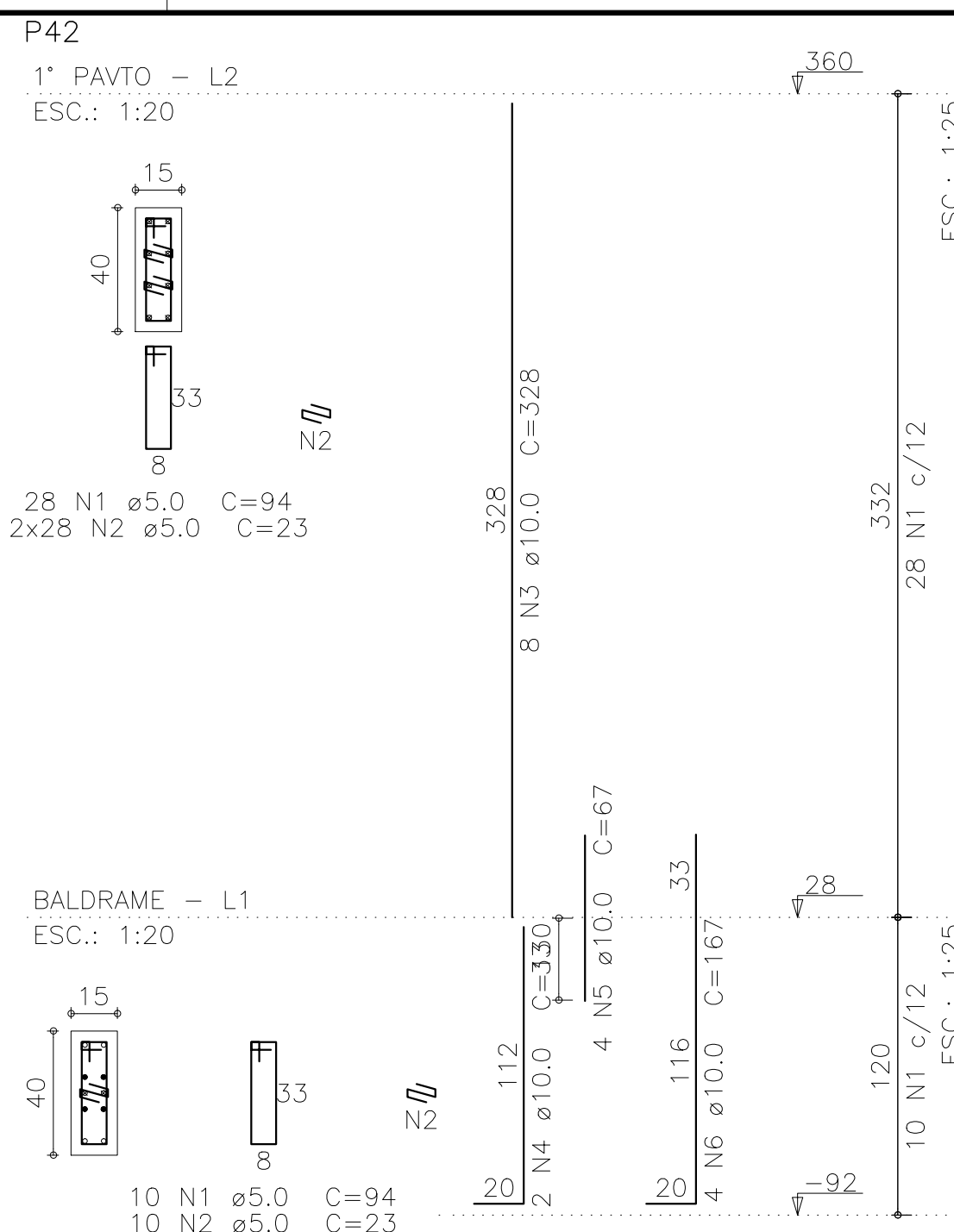
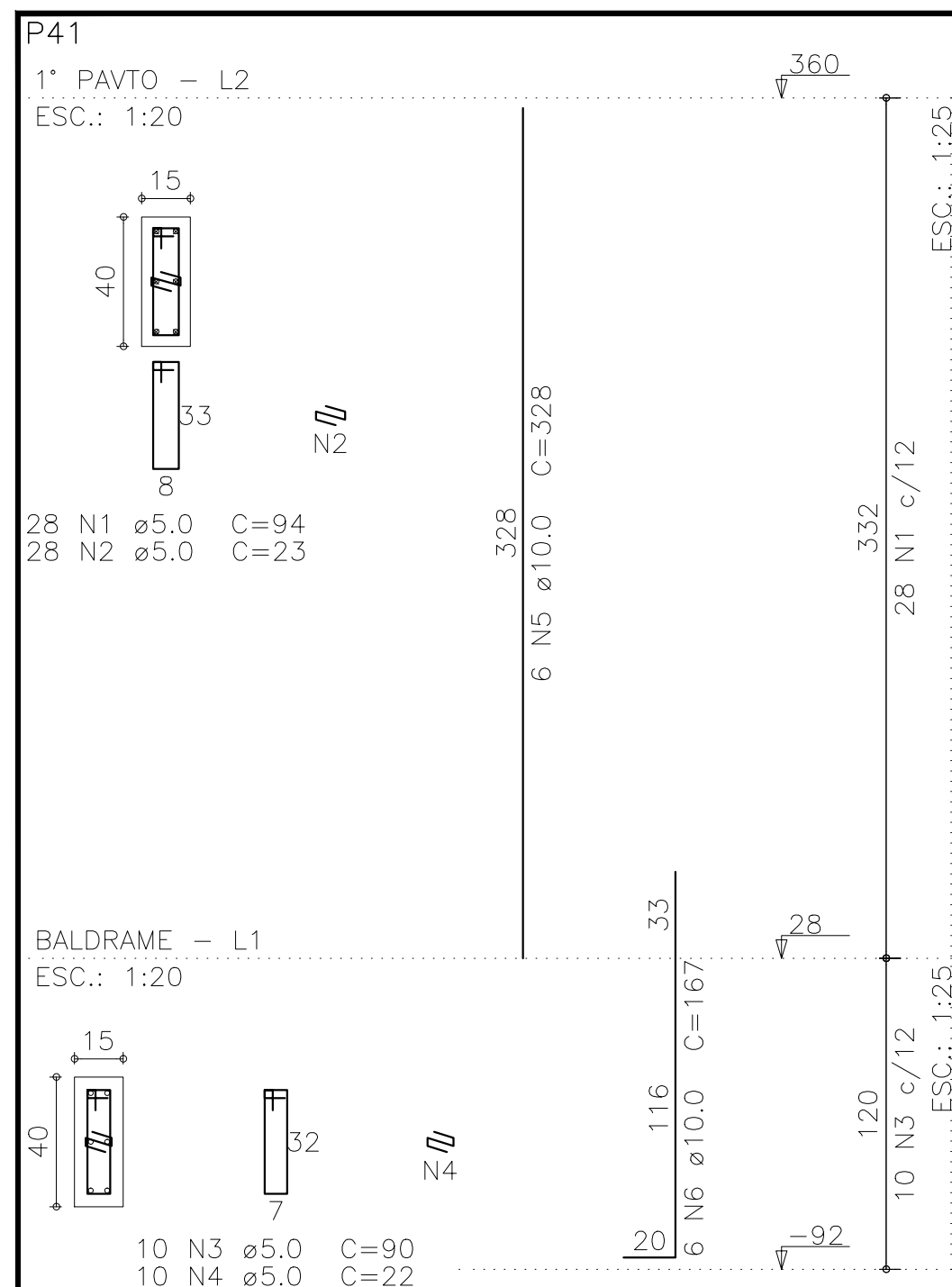




Relação do aço						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P41	CA60	1	5,0	28	94	2632
	CA60	2	5,0	28	23	644
	CA60	3	5,0	10	90	900
	CA60	4	5,0	10	22	220
	CA50	5	10,0	6	328	1968
P42	CA60	1	5,0	38	94	1002
	CA60	2	5,0	66	23	3572
	CA50	3	10,0	8	23	1518
	CA50	4	10,0	2	328	2624
	CA50	5	10,0	4	130	260
P43	CA50	6	10,0	4	67	268
	CA60	1	5,0	38	90	668
	CA50	2	10,0	4	328	3420
	CA50	3	10,0	4	1312	1312
	CA50	4	10,0	4	167	668
P44	CA60	1	5,0	38	90	3420
	CA50	2	10,0	4	328	1312
	CA50	3	10,0	4	167	668
	CA50	4	10,0	4	167	668
	CA50	5	10,0	14	328	4592
P45	CA60	1	5,0	28	94	2632
	CA60	2	5,0	28	23	644
	CA60	3	5,0	8	90	720
	CA60	4	5,0	8	22	176
	CA50	5	10,0	6	328	1968
P46	CA50	6	10,0	4	67	268
	CA50	7	12,5	10	175	1750
	CA60	1	5,0	33	90	2970
	CA60	2	5,0	10	22	220
	CA50	3	10,0	6	129	774
P47	CA50	4	12,5	4	328	1312
	CA50	5	12,5	4	83	332
	CA60	1	5,0	38	94	3572
	CA60	2	5,0	38	23	874
	CA50	3	10,0	6	328	1968
P48	CA50	4	10,0	6	167	1002
	CA60	1	5,0	23	94	2162
	CA60	2	5,0	23	23	529
	CA60	3	5,0	8	90	720
	CA60	4	5,0	8	22	176
	CA50	5	12,5	12	328	3936
	CA50	6	12,5	12	175	2100

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	10.0	193.6	119.3
	12.5	94.3	90.8
CA60	5.0	317.3	48.9
PESO TOTAL (kg)			
CA50	210.2		
CA60	48.9		

Volume de concreto (C-30) = 2.17 m³
Área de forma = 39.78 m²

		CREACAU	
05	DD/MMA/AAAA	Retirada de pendência	
04	DD/MMA/AAAA	Retirada de pendência	
03	DD/MMA/AAAA	Retirada de pendência	
02	DD/MMA/AAAA	Retirada de pendência	
01	08/01/2015	Emissão Inicial	
Revisão:	Data:	Descrição:	
		MATRIZ: Rua Santa Cecília, 84 - Sala 09 Centro - Eusébio - CE - CEP:61.760-000 Fone/Fax: (85) 3021-1818	
		FILIAL: Av. Santos Dumont, 1740 - Sala 1112/1114 Aldeota - Fortaleza - CE - CEP:60.150-161 Fone/Fax: (85) 3021-1818	
www.techproj.com.br contato@techproj.com.br			
Obra:			
Reforma/Ampliação - MercadoMunicipal São Gonçalo do Amarante			
Cliente:		Projeto:	
Prefeitura de São Gonçalo do Amarante		Estrutura em Concreto Armado	
Identificação dos desenhos:			Para:
MERCADO SGA - REFORMA PILARES EM PRUMADA 5-10			09
Desenho: CRISTIANE	Escala: Indicada	Data: NOVEMBRO/15	Local: São Gonçalo do Amarante / CE