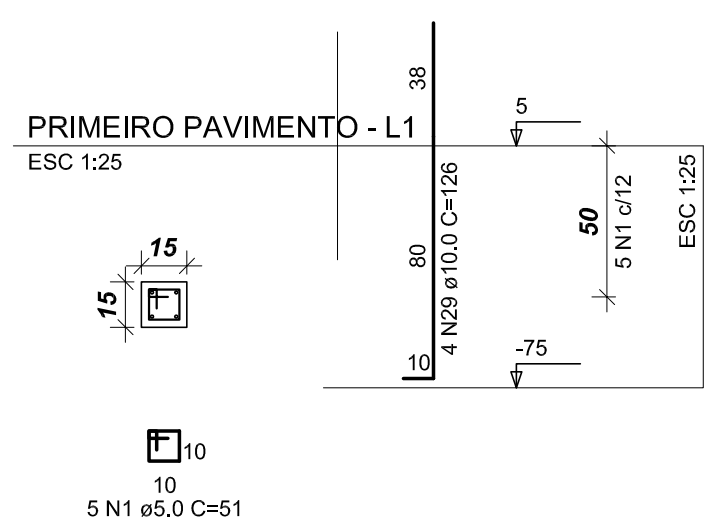
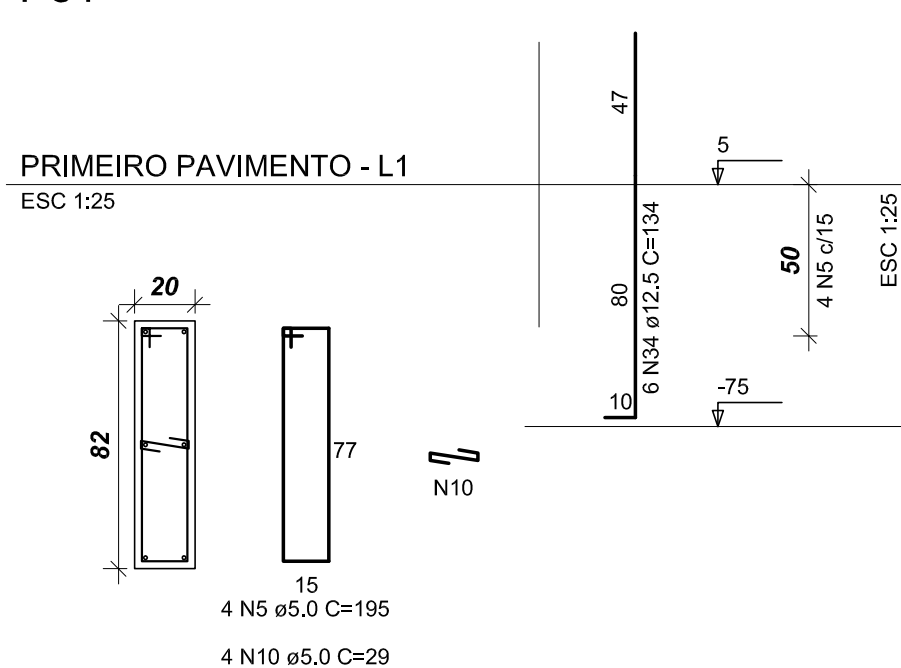


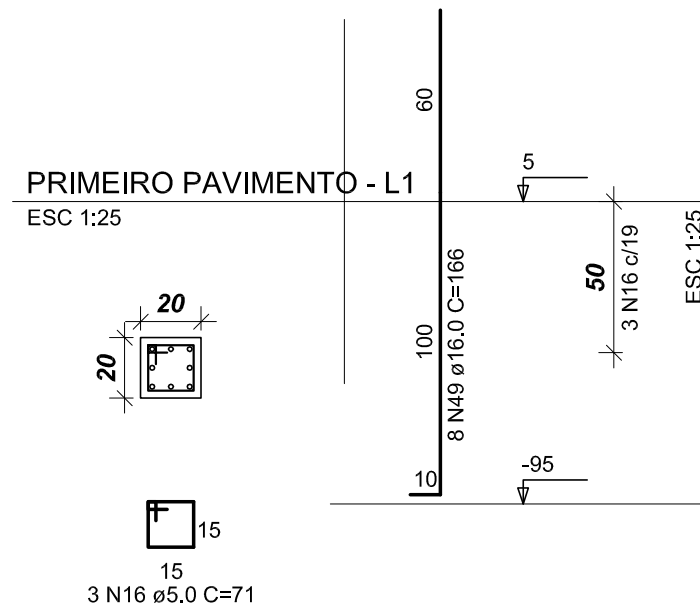
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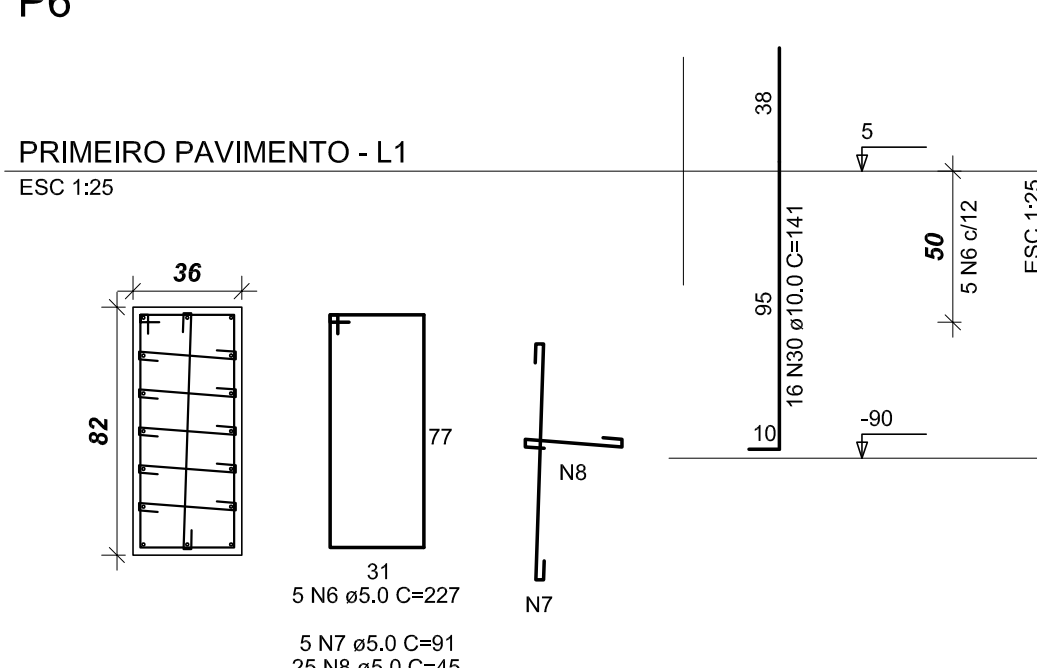
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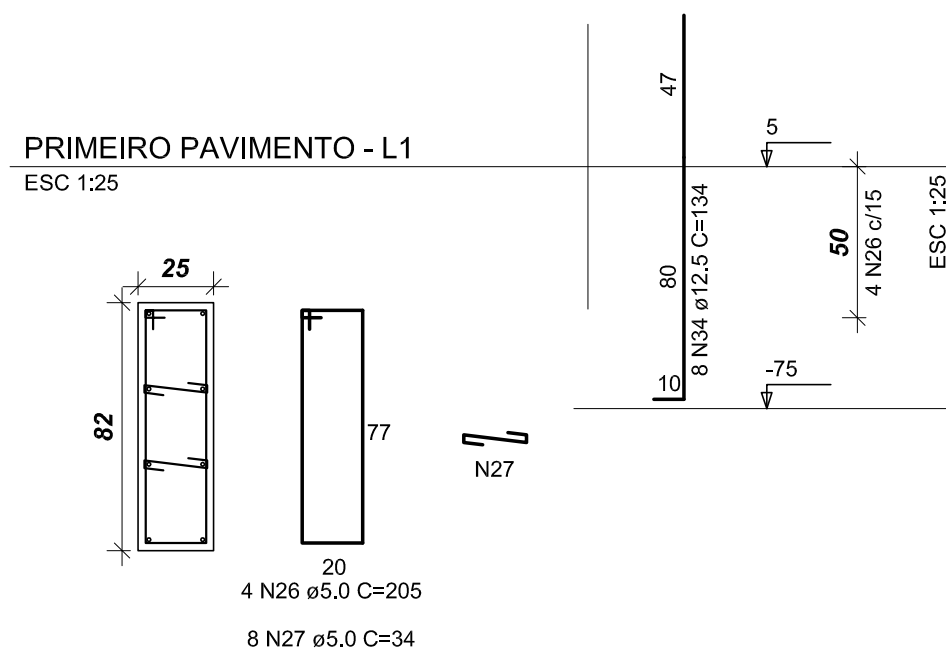
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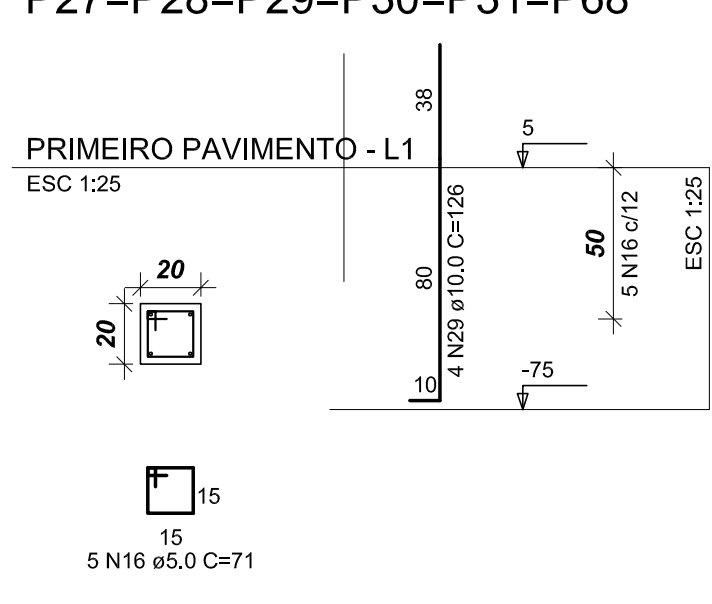
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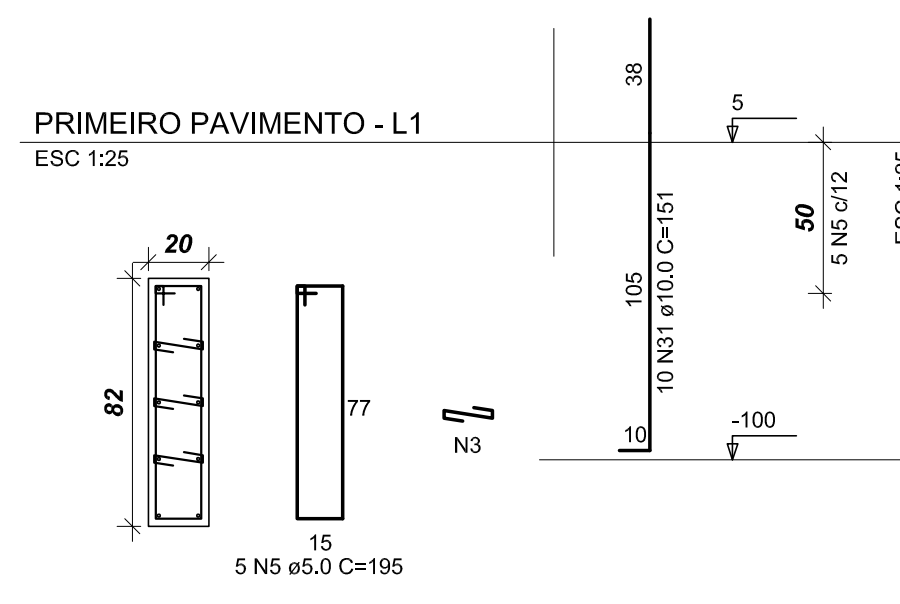
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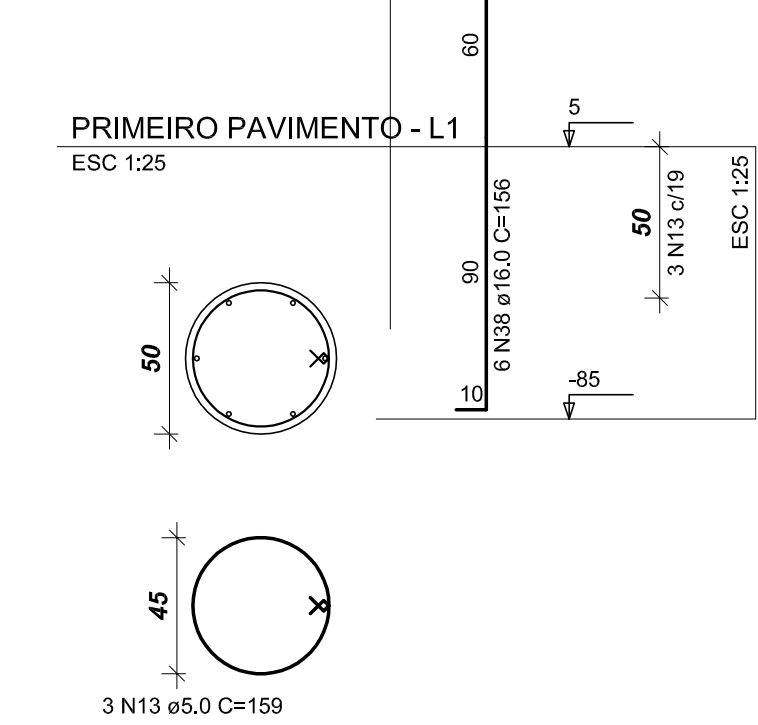
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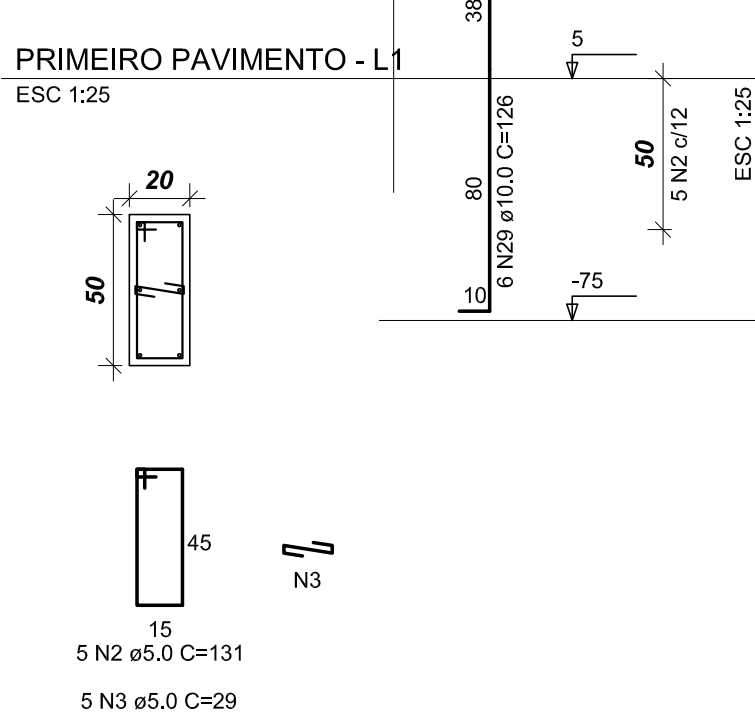
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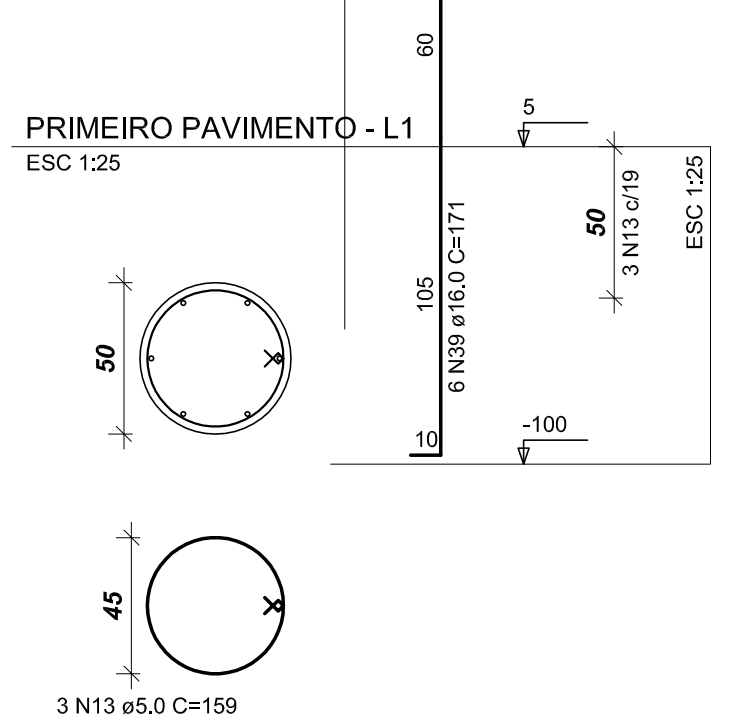
P17



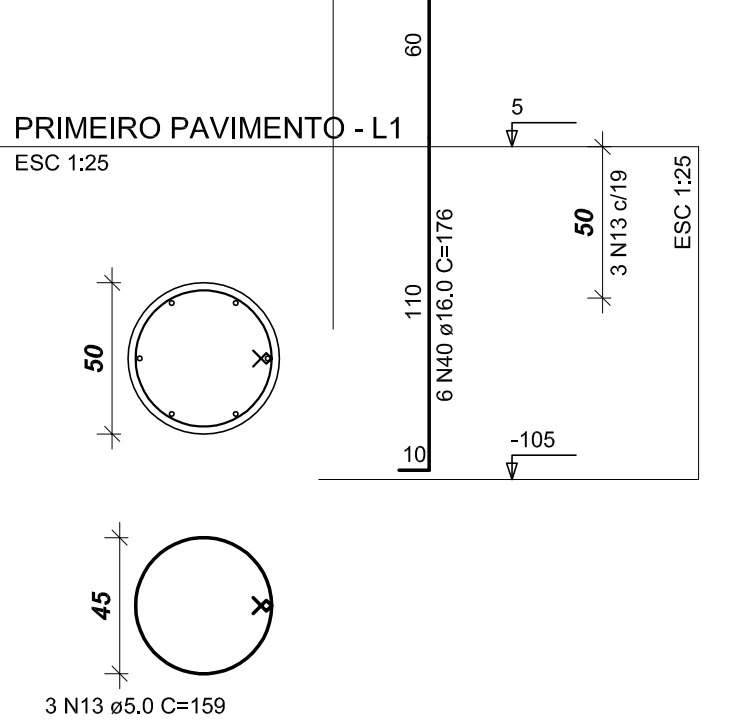
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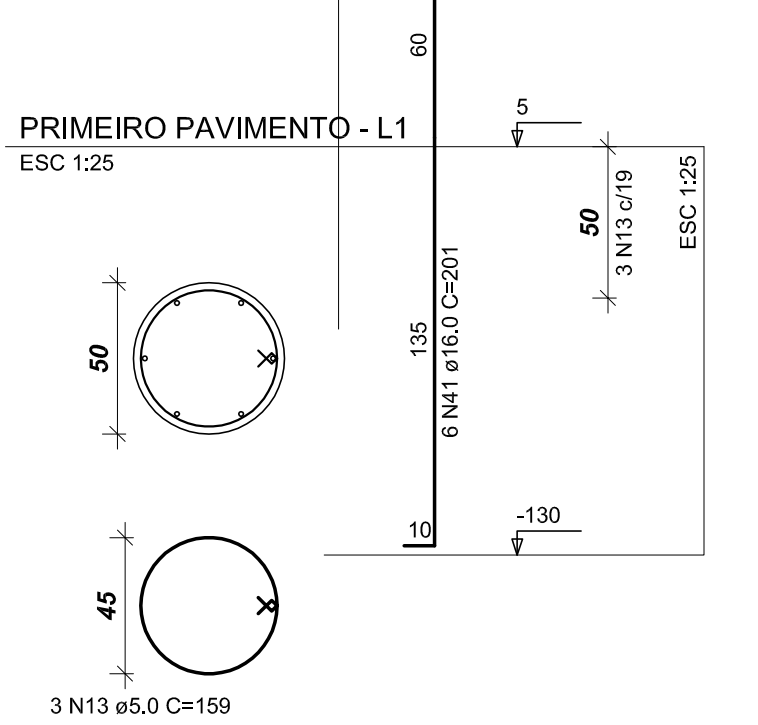
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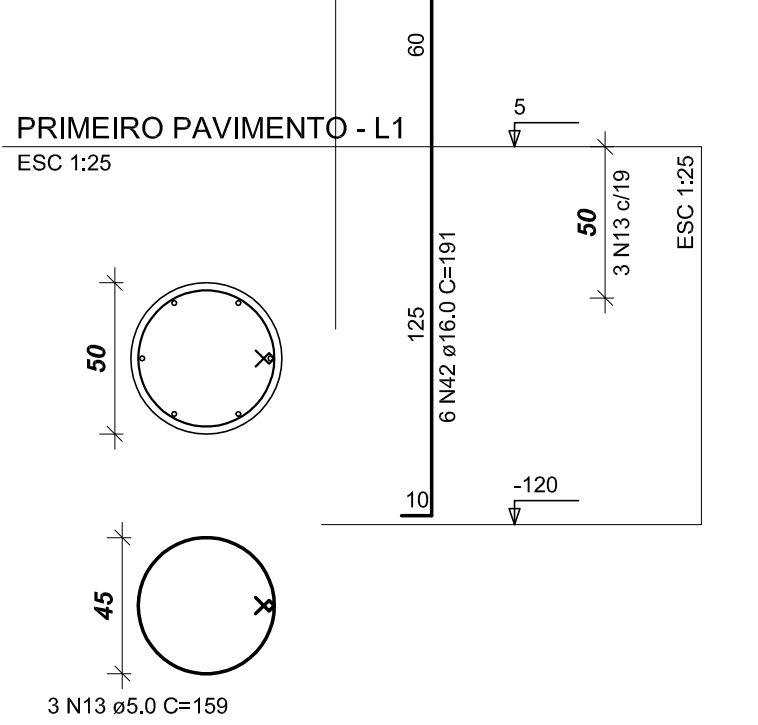
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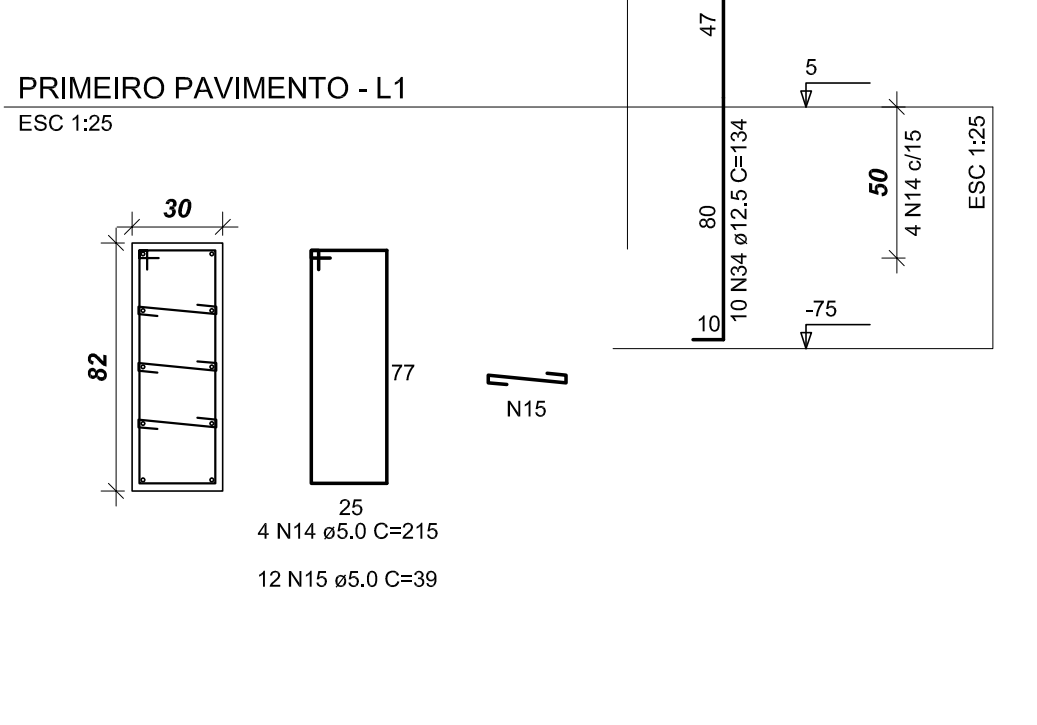
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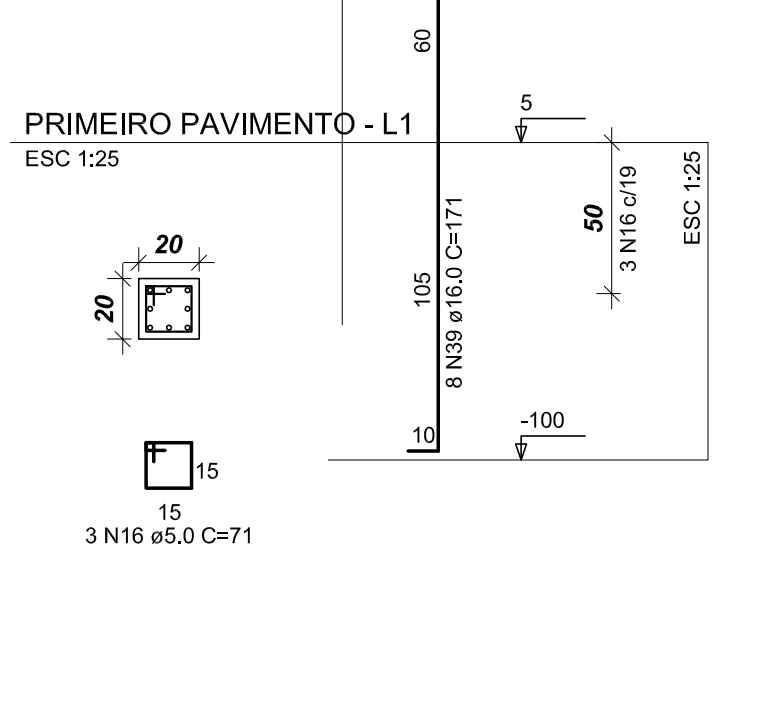
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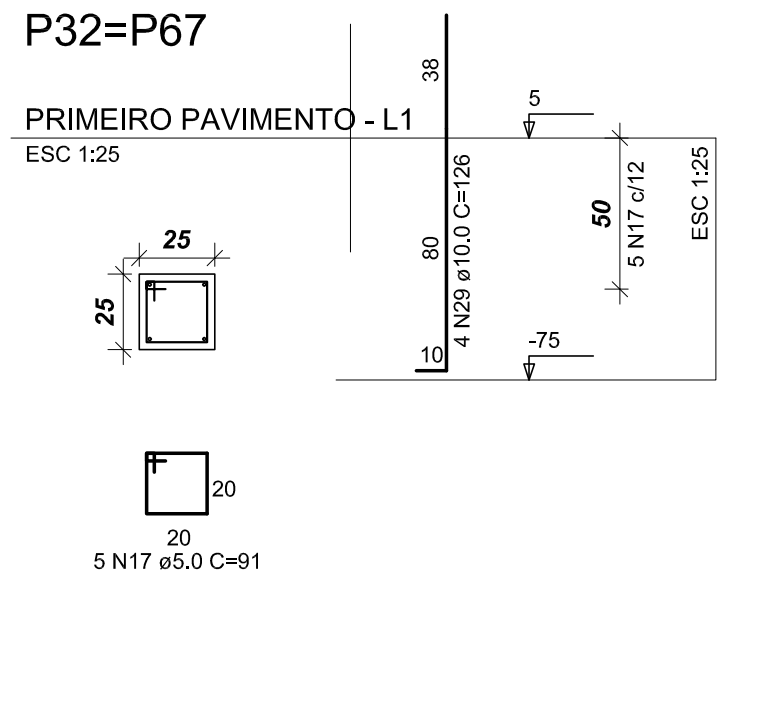
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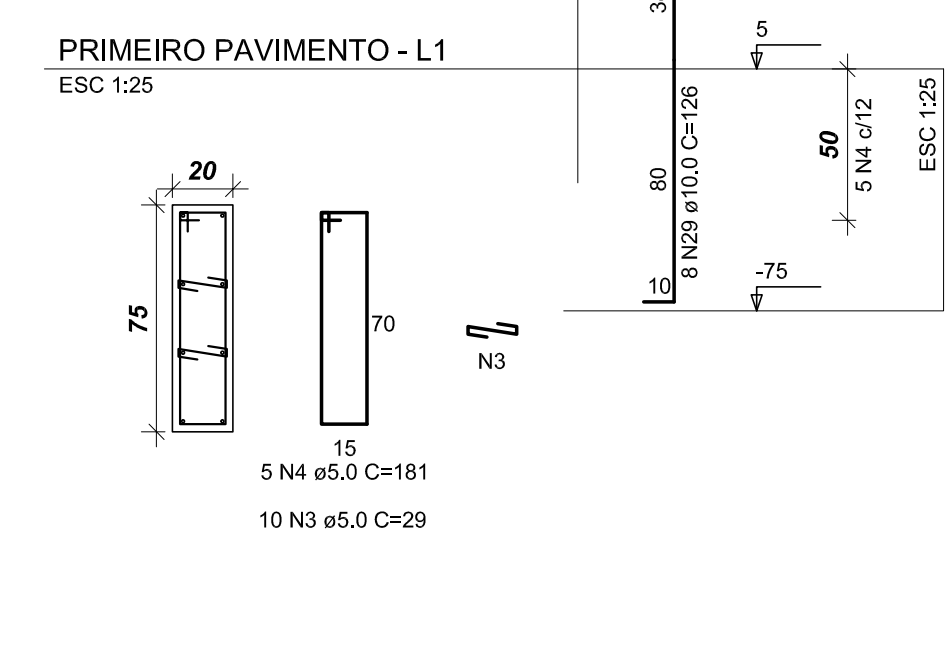
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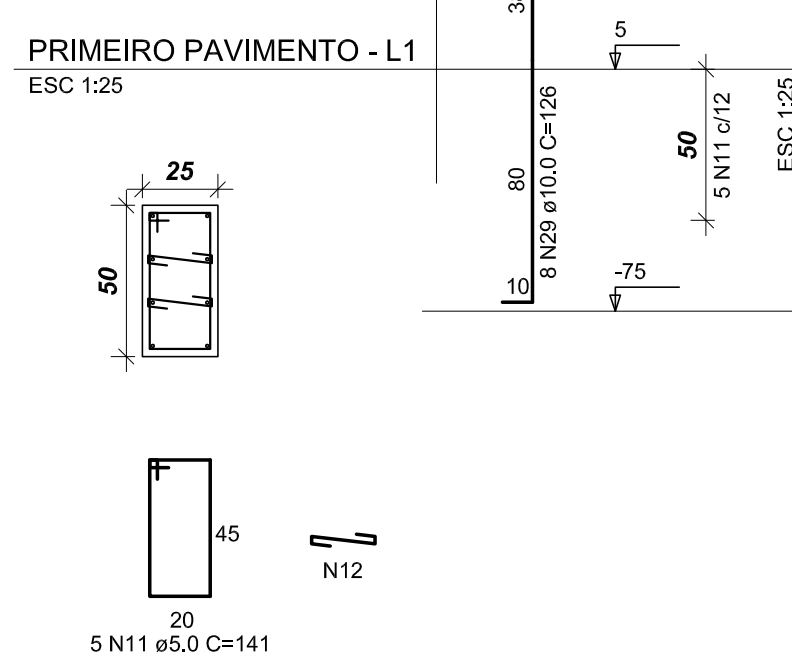
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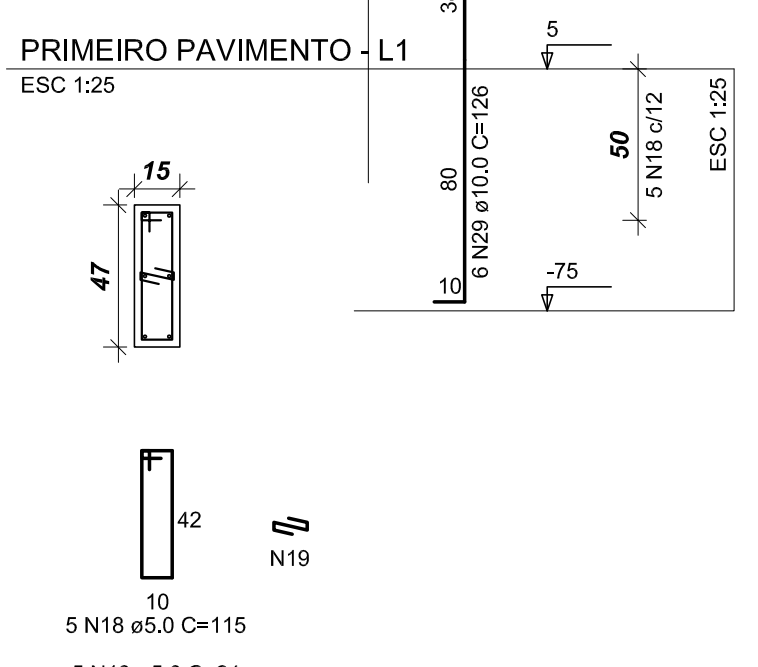
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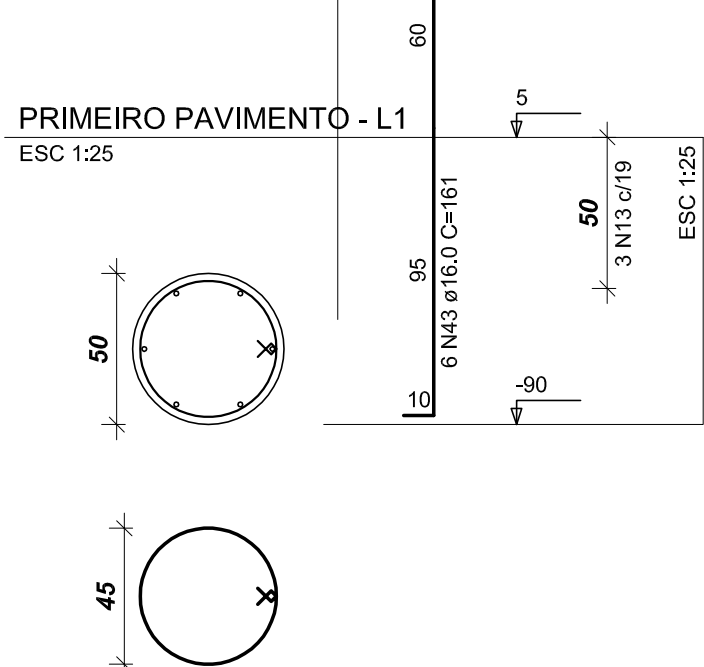
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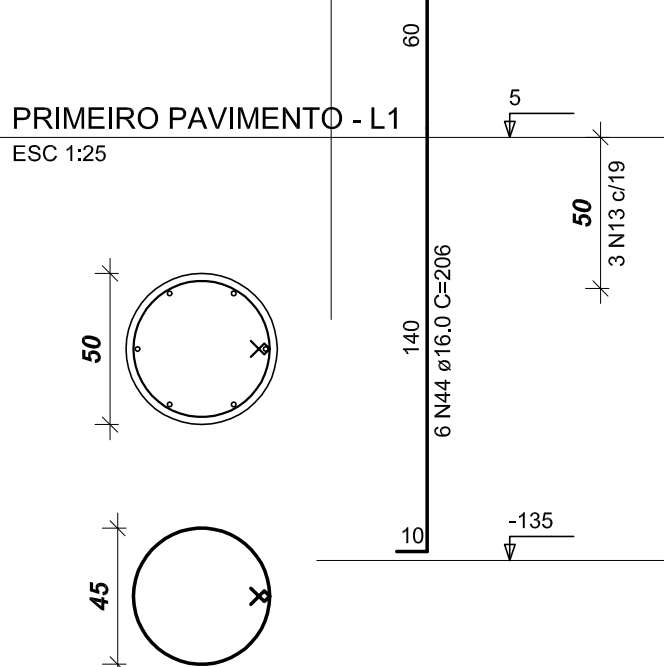
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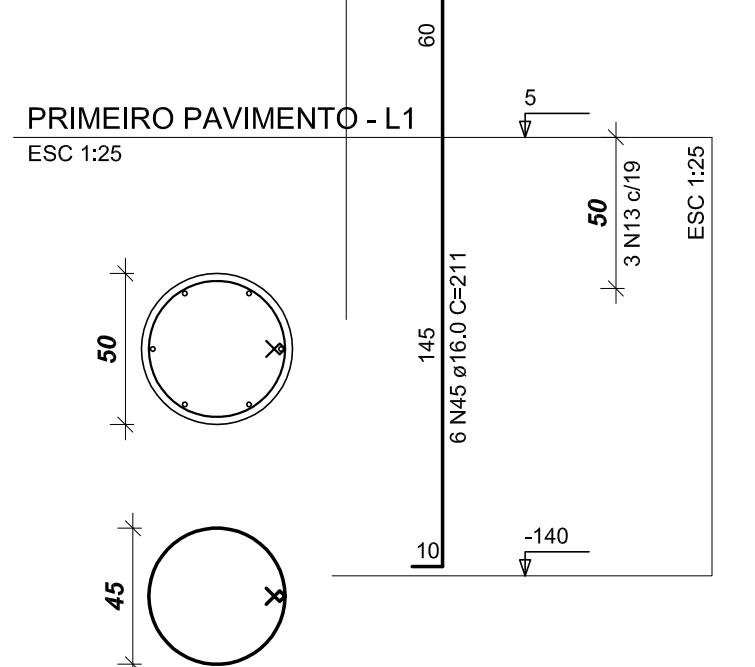
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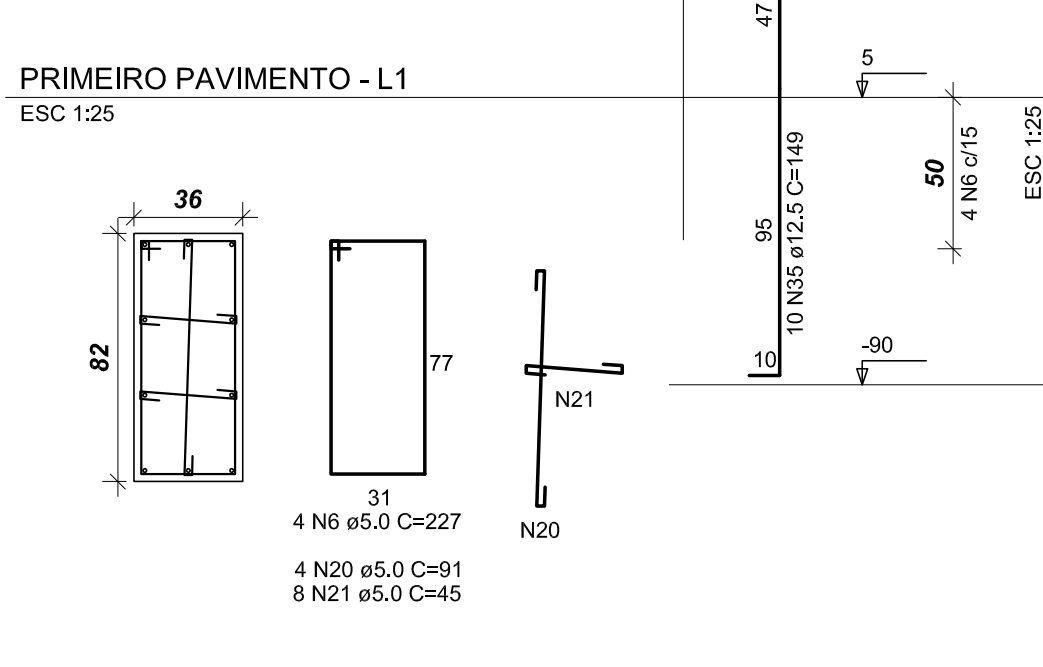
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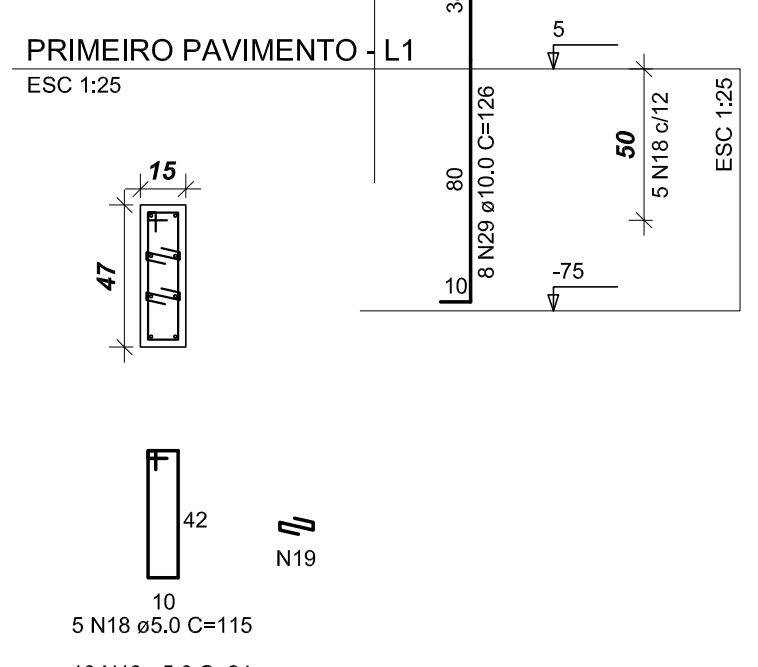
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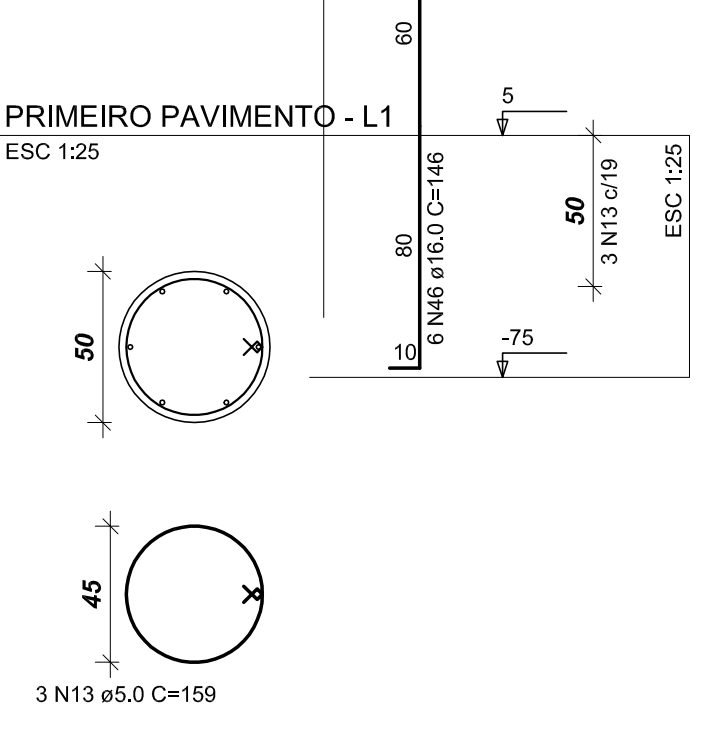
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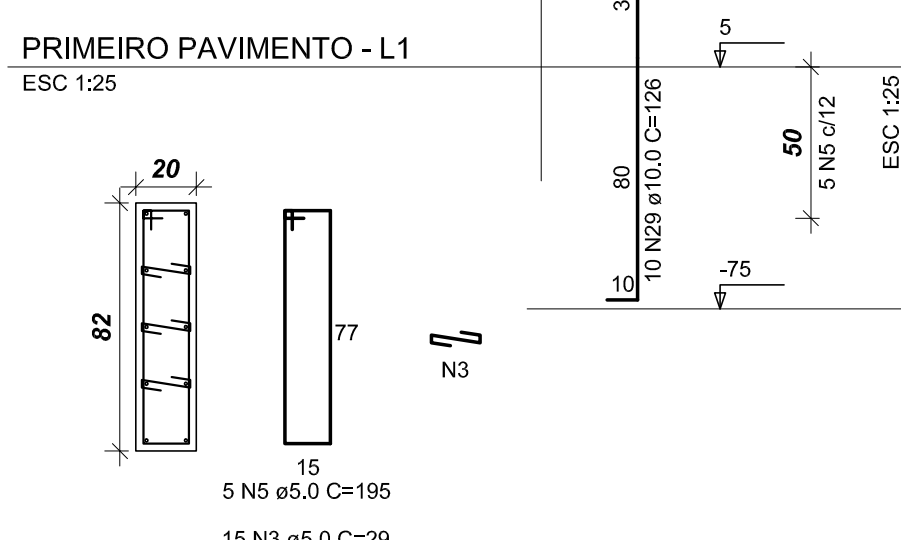
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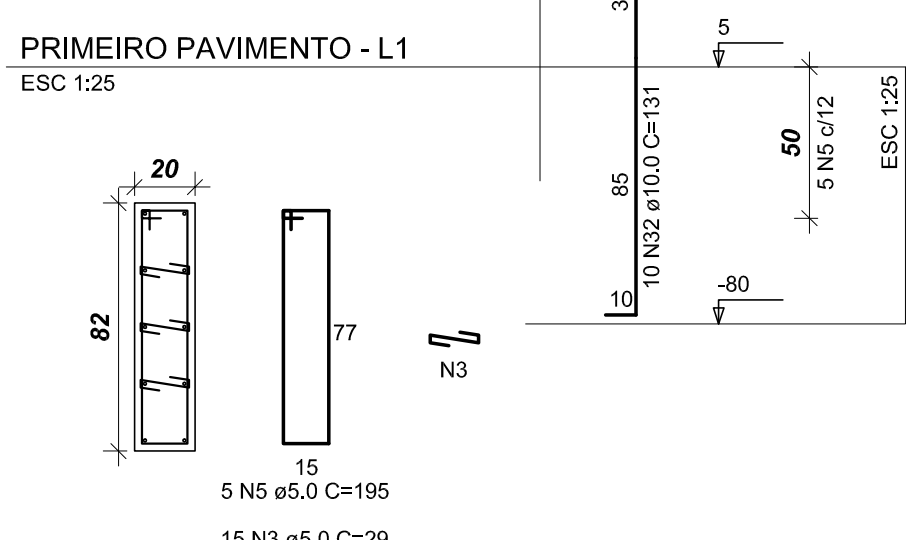
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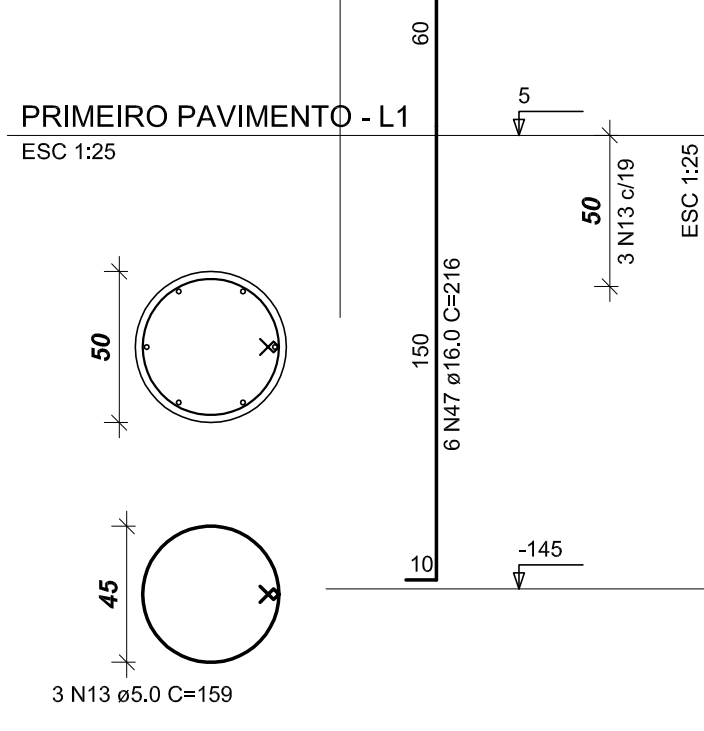
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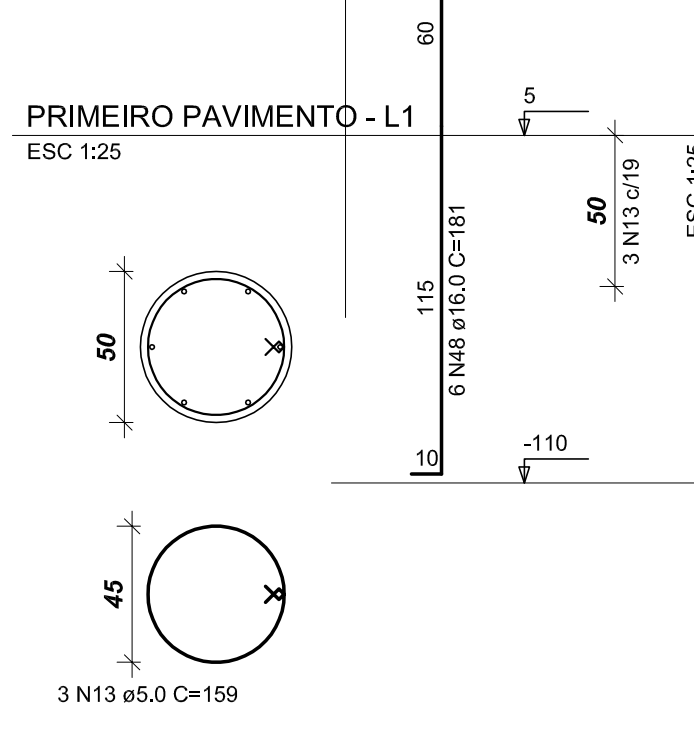
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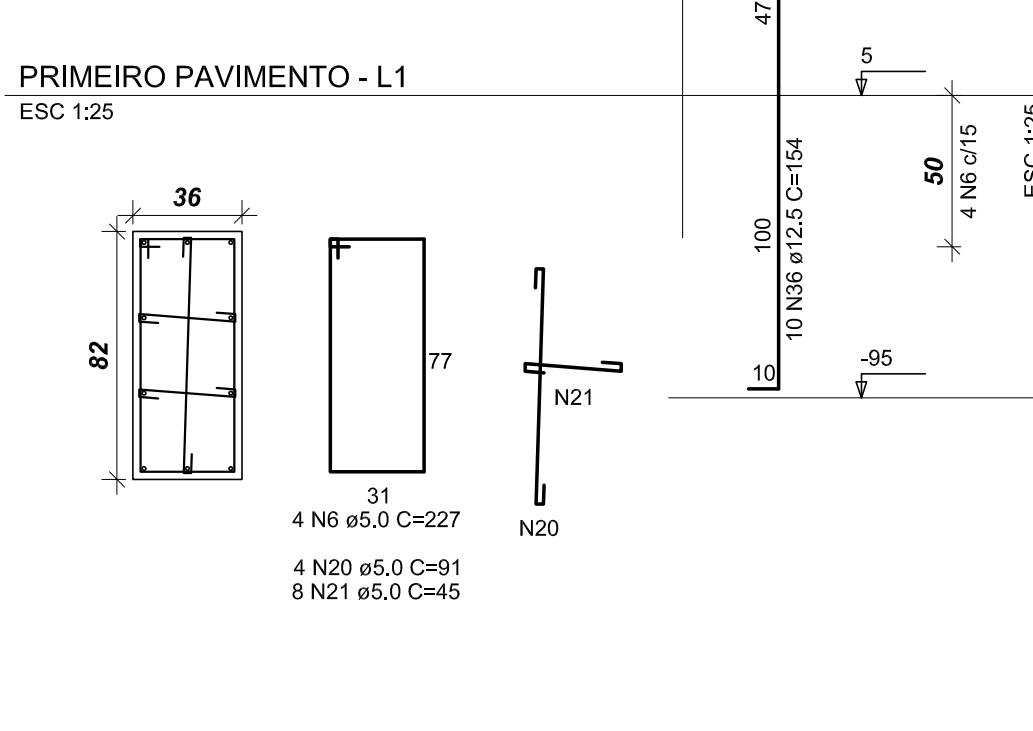
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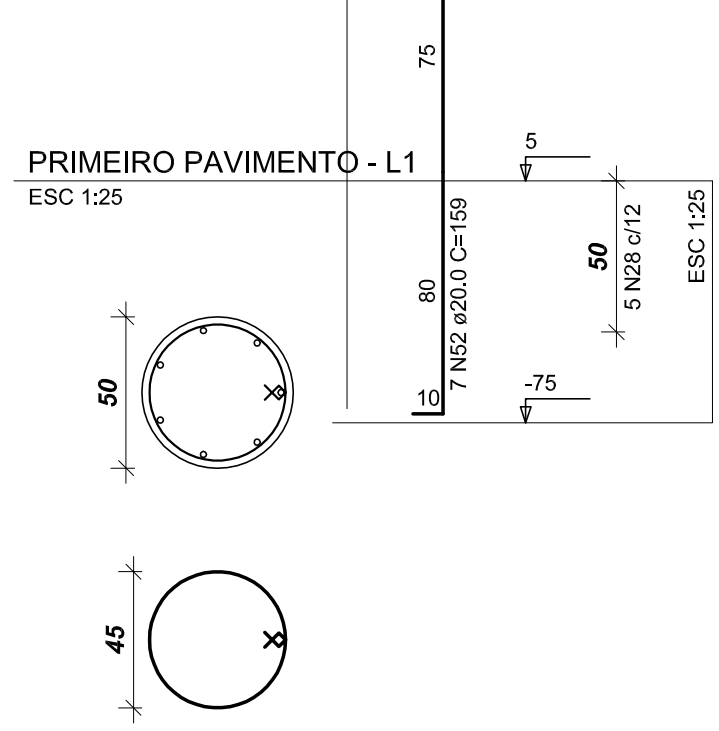
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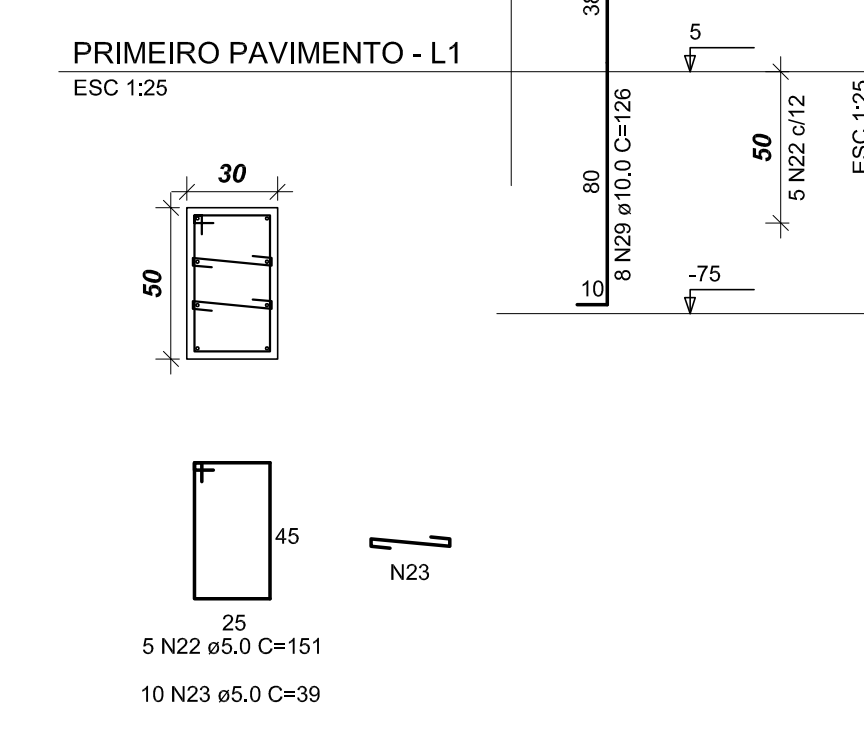
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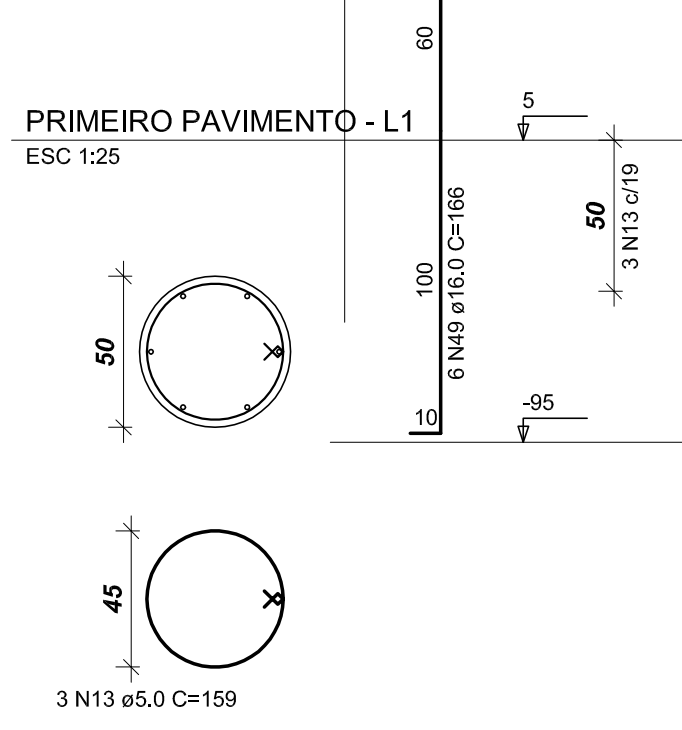
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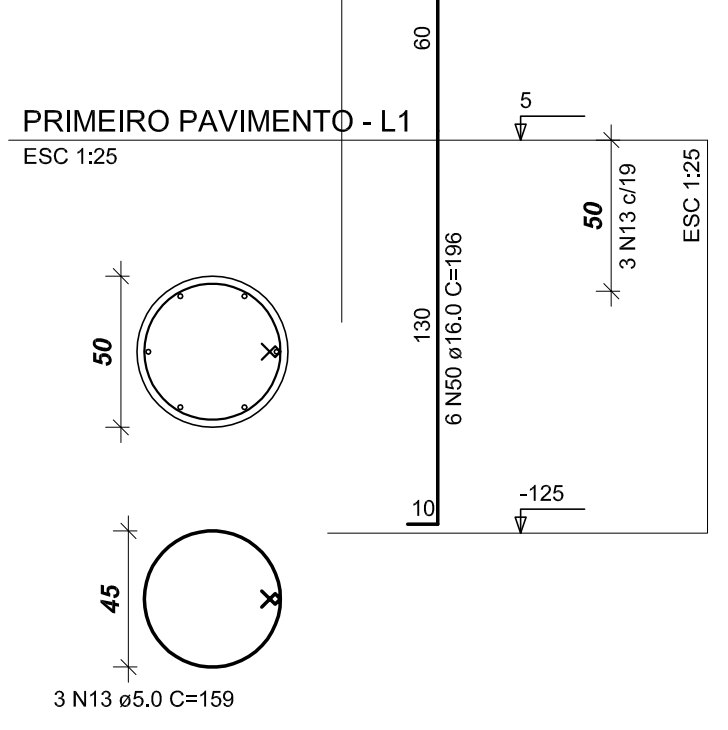
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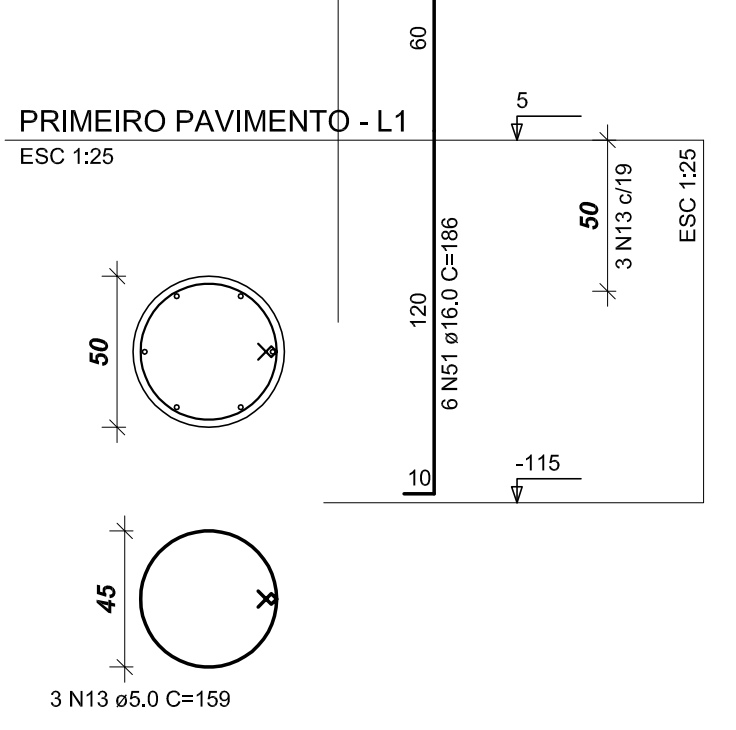
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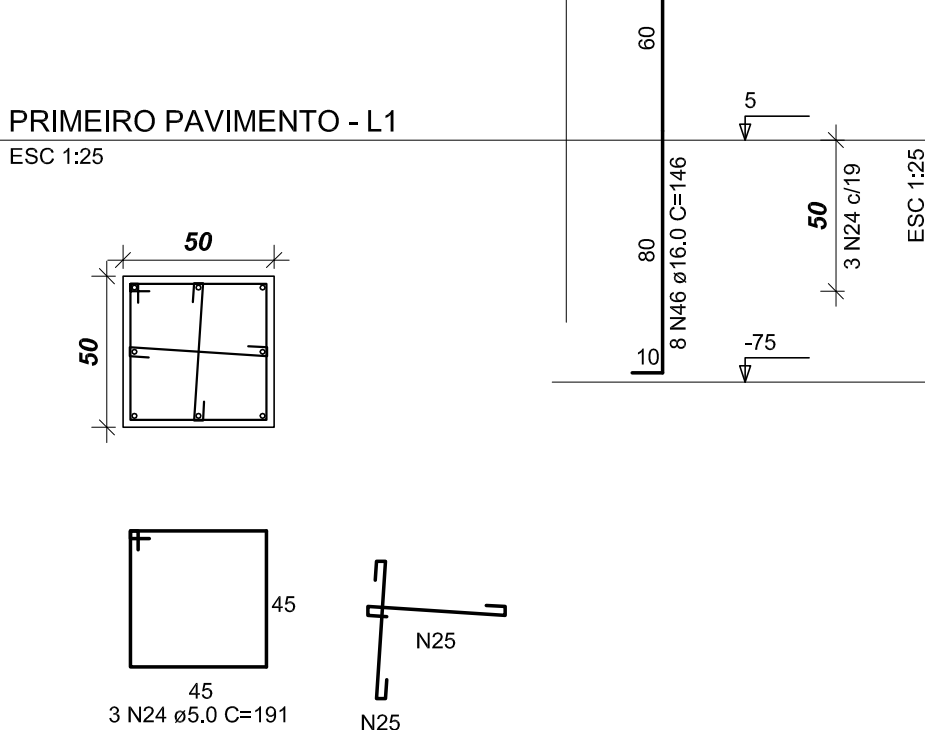
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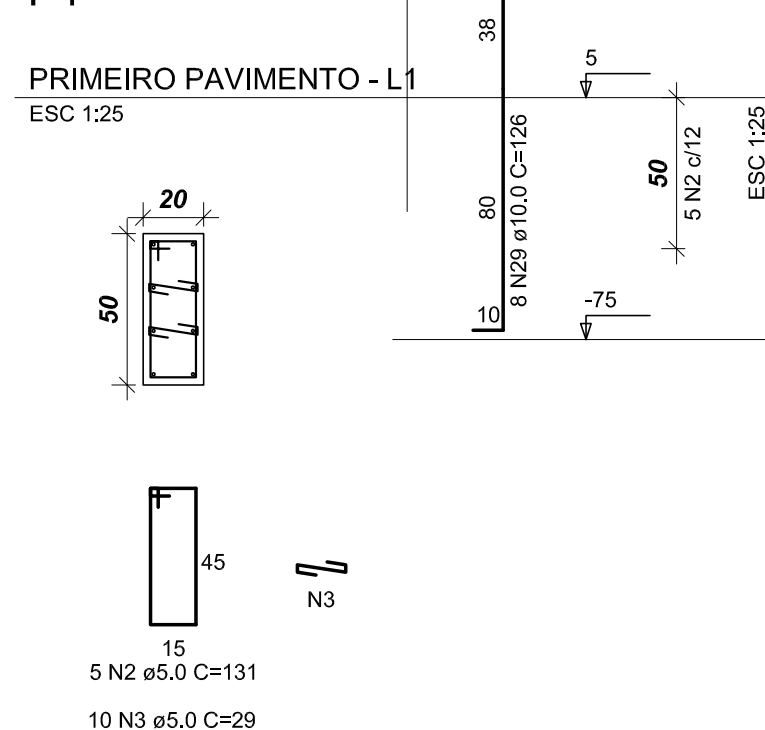
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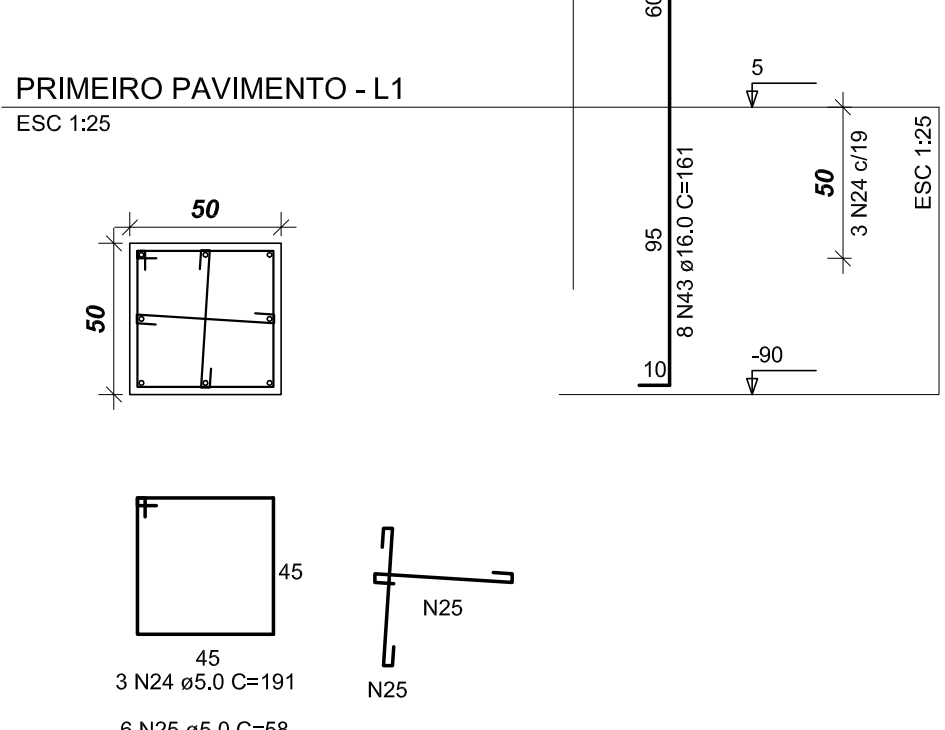
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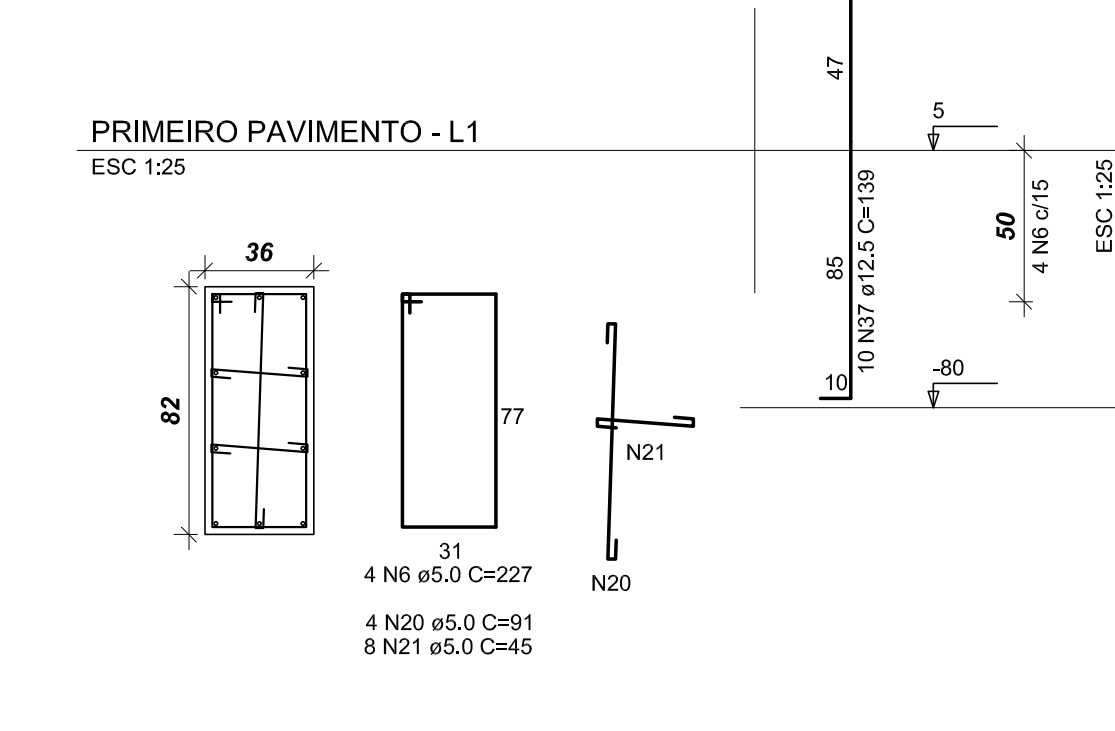
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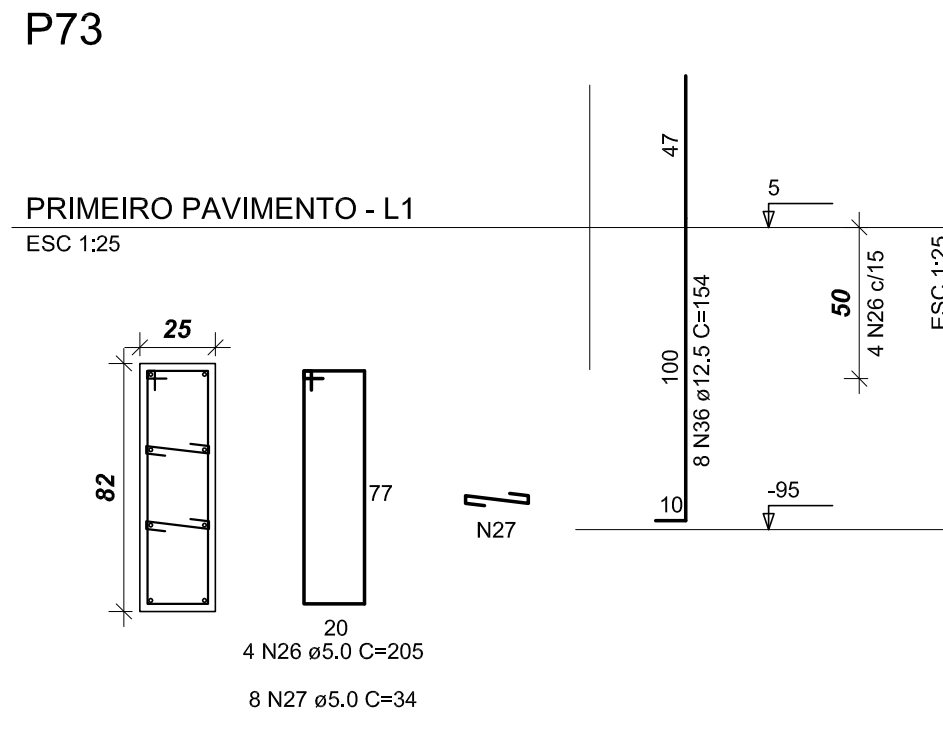
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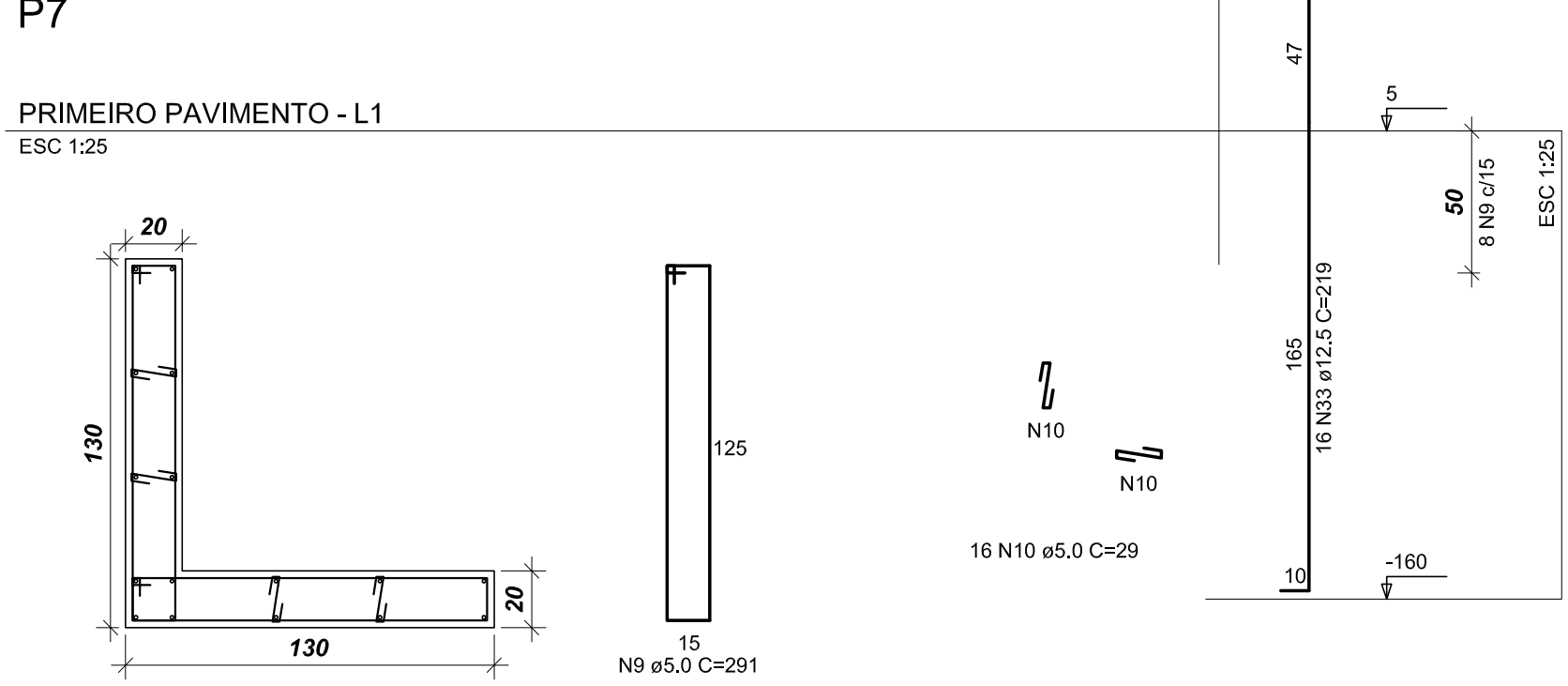
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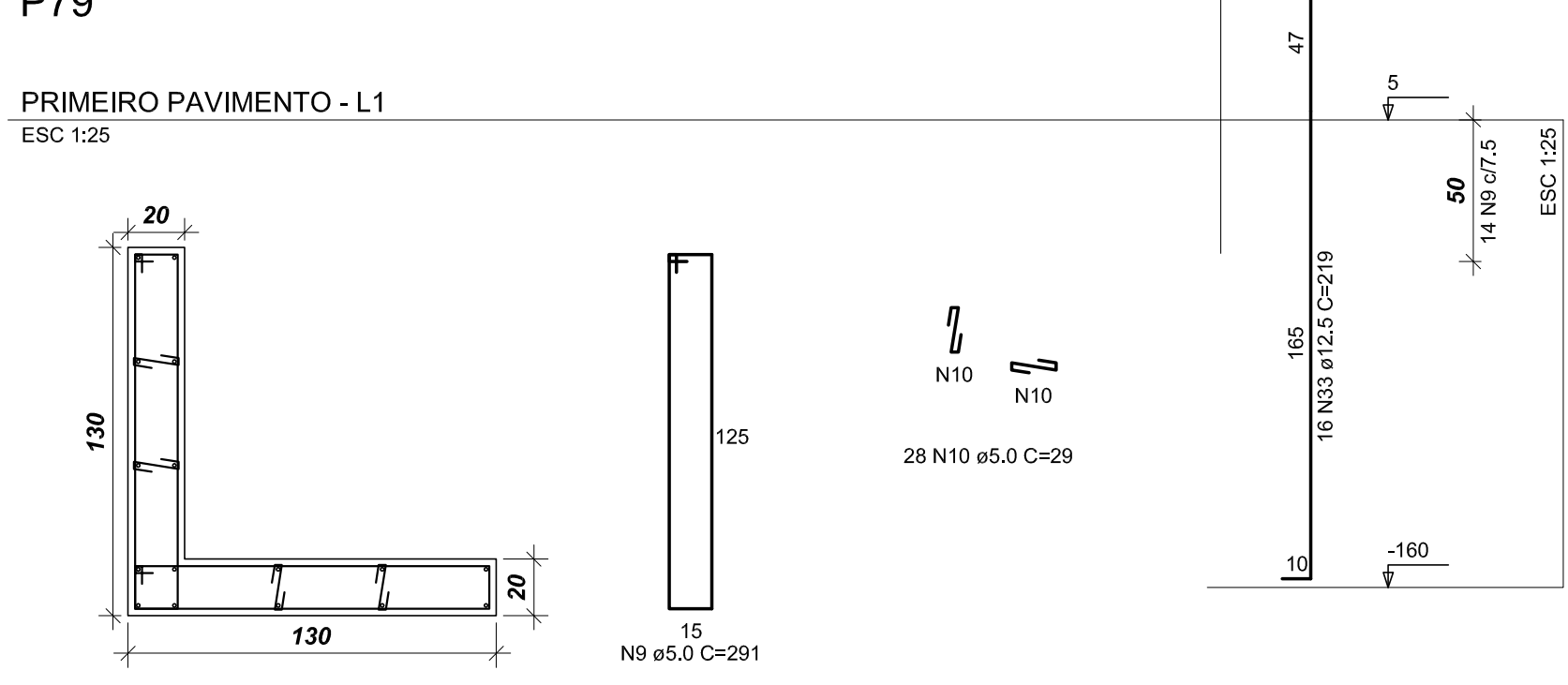
P73



P7



P79



RELAÇÃO DO AÇO					
ACO	N	DIAM	Q	UNIT	C.TOTAL
		(cm)			(cm)
60	1	5,0	30	51	1530
	2	5,0	10	131	1310
	3	5,0	20	190	1900
	4	5,0	30	181	3620
	5	5,0	20	161	7005
	6	5,0	20	227	4767
	7	5,0	20	91	6502
	8	5,0	45	45	1125
	9	5,0	20	29	1392
	10	5,0	10	141	705
	11	5,0	60	59	9940
	12	5,0	10	45	450
	13	5,0	10	29	1392
	14	5,0	4	215	860
	15	5,0	10	141	705
	16	5,0	36	71	2556
	17	5,0	10	91	910
	18	5,0	20	115	2300
	19	5,0	20	24	600
	20	5,0	16	91	1456
	21	5,0	16	36	580
	22	5,0	5	151	755
	23	5,0	16	56	900
	24	5,0	9	191	1719
	25	5,0	5	161	805
	26	5,0	8	205	1640
	27	5,0	16	54	864
	28	5,0	5	161	805
	29	5,0	10	131	1310
	30	5,0	10	141	2256
	31	5,0	10	151	1510
	32	5,0	10	131	1310
	33	5,0	10	131	1310
	34	5,0	24	134	3216
	35	5,0	24	149	1490
	36	5,0	18	154	2772
	37	5,0	20	159	2790
	38	5,0	6	156	936
	39	5,0	14	171	2394
	40	5,0	18	176	3168
	41	5,0	14	161	2252
	42	5,0	12	191	2292
	43	5,0	12	211	1236
	44	5,0	6	206	1236
	45	5,0	12	216	1296
	46	5,0	28	146	4088
	47	5,0	6	181	1086
	48	5,0	14	166	2354
	49	5,0	6	196	1176
	50	5,0	12	186	2232
	51	5,0	12	159	1113

RESUMO DO AÇO				
ACO	DIAM	C.TOTAL	PESO=0%	
	(m)	(kg)		
CASO	6,3	6,1	2,0	
	10,0	294,5	181,6	
	12,5	173,6	166,6	
	16,0	252,7	446,7	
	20,0	11,1	27,5	
CASO	5,0	601,7	92,6	
PESO TOTAL				
CASO		824,4		
CASO		92,6		

DI	17.07.2013	PROJETO ESTRUTURAL
DT	DATA	RESPONSÁVEL
DT	DATA	DESCRIÇÃO DA REVISÃO:
 AS BUILT ENGENHARIA DE PROJETOS LTDA Rua João do Rosário, 1964 - Boa Vista CEP 82560-435 - Curitiba - Paraná asbuiltengenharia@gmail.com - (41)3080-4349		
FOLHA:		
PROJETO ESTRUTURAL		
CONFERIR MEDIDAS NA OBRA		
BIBLIOTECA CAMPUS UNAÍ		
PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI		CNPJ: 16.886.315/0001-17
FRANCA:		
ESPERA DOS PILARES		
AUTOR PROJETO:		
CARLOS HENRIQUE DE SOUZA GONÇALVES		
CRIA 73650 - P		
ESCALA: INDICADA	DESENHO: EQUIPE	
VERSÃO:	DATA:	ÁREA CONSTRUIDA:
VERSÃO 1	17/07/2013	4.127,32 m²
ARQUIVO:		FOLHA: EST
		05/26