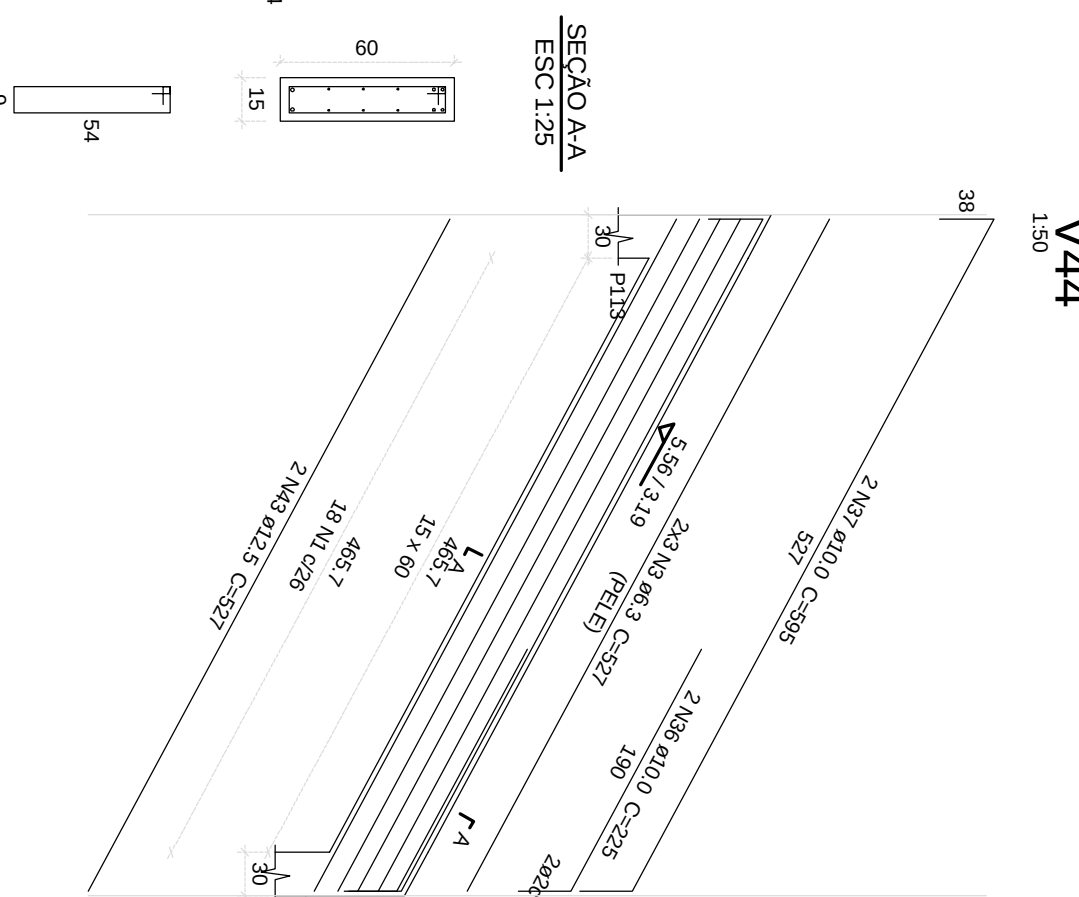
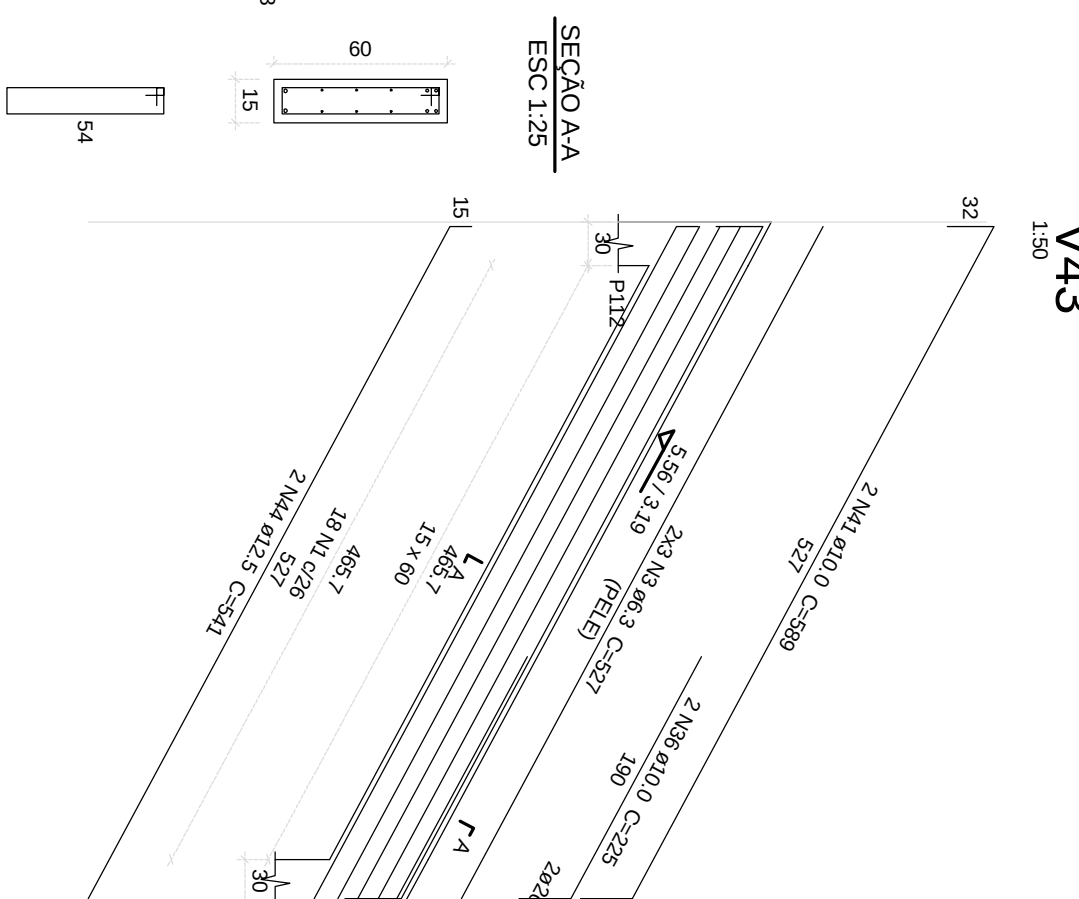
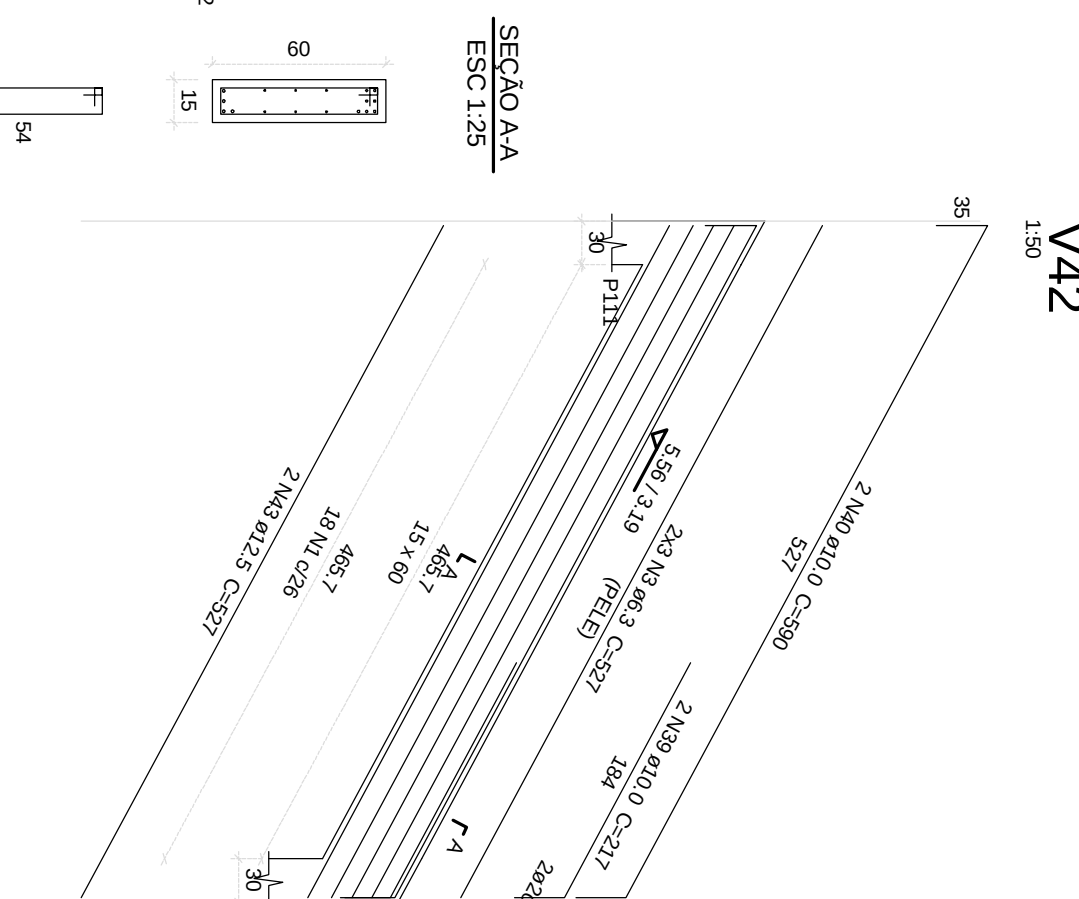
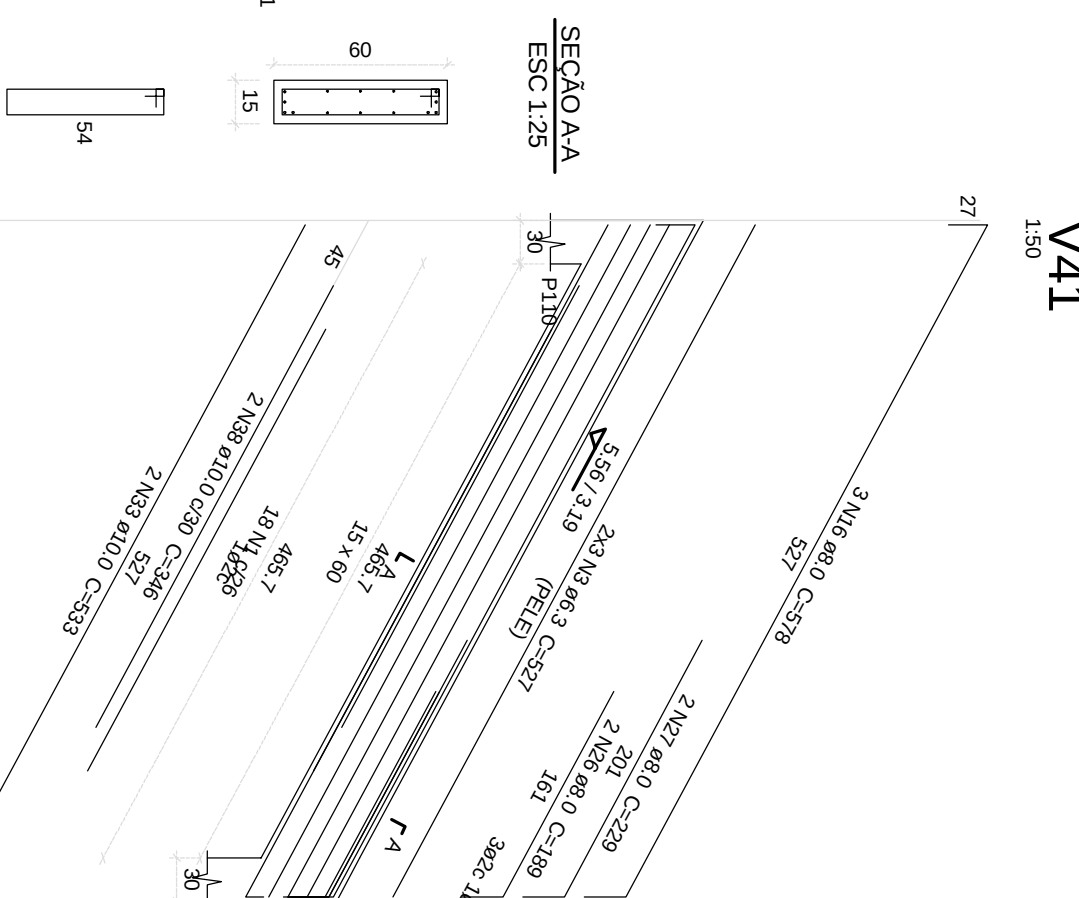
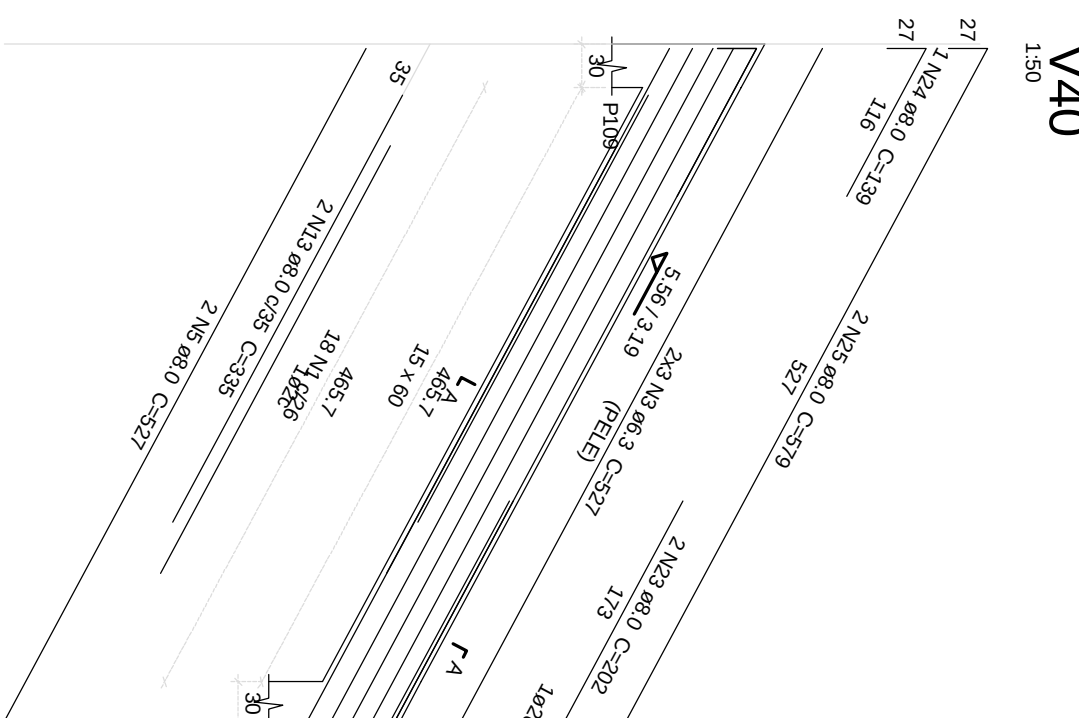
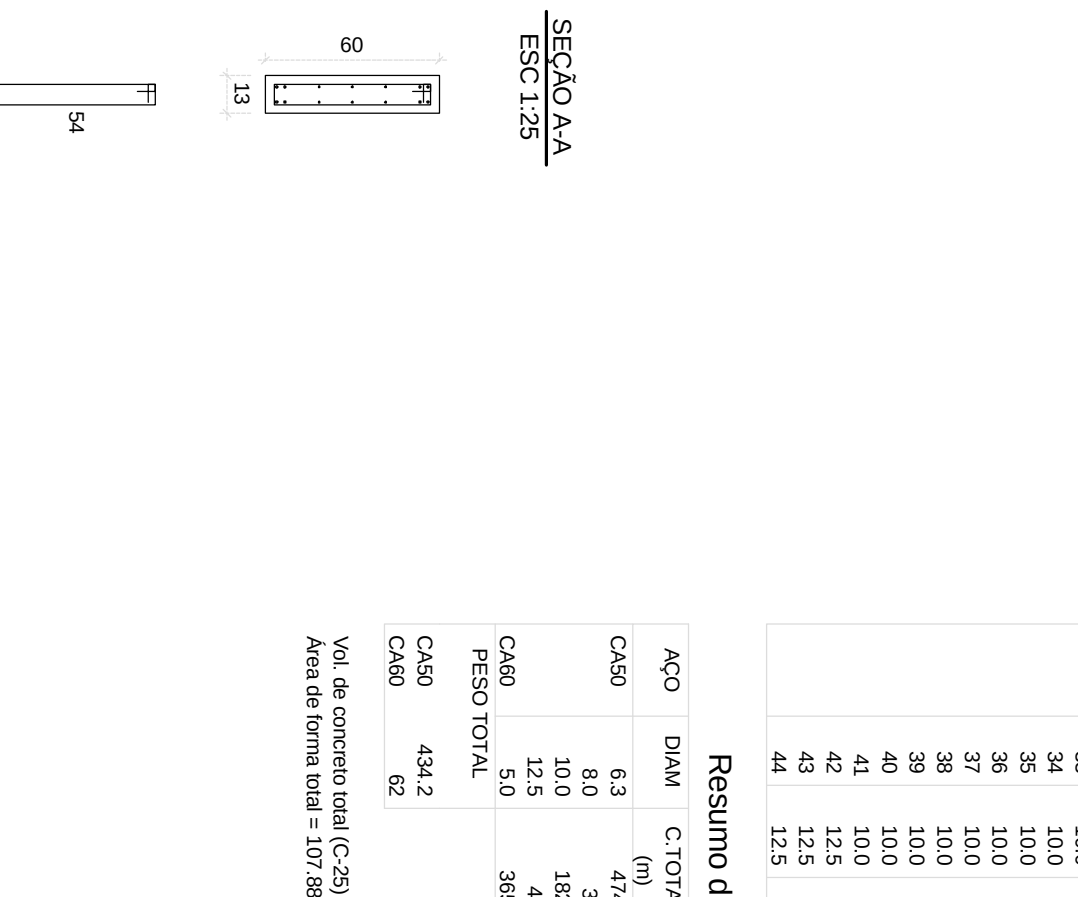
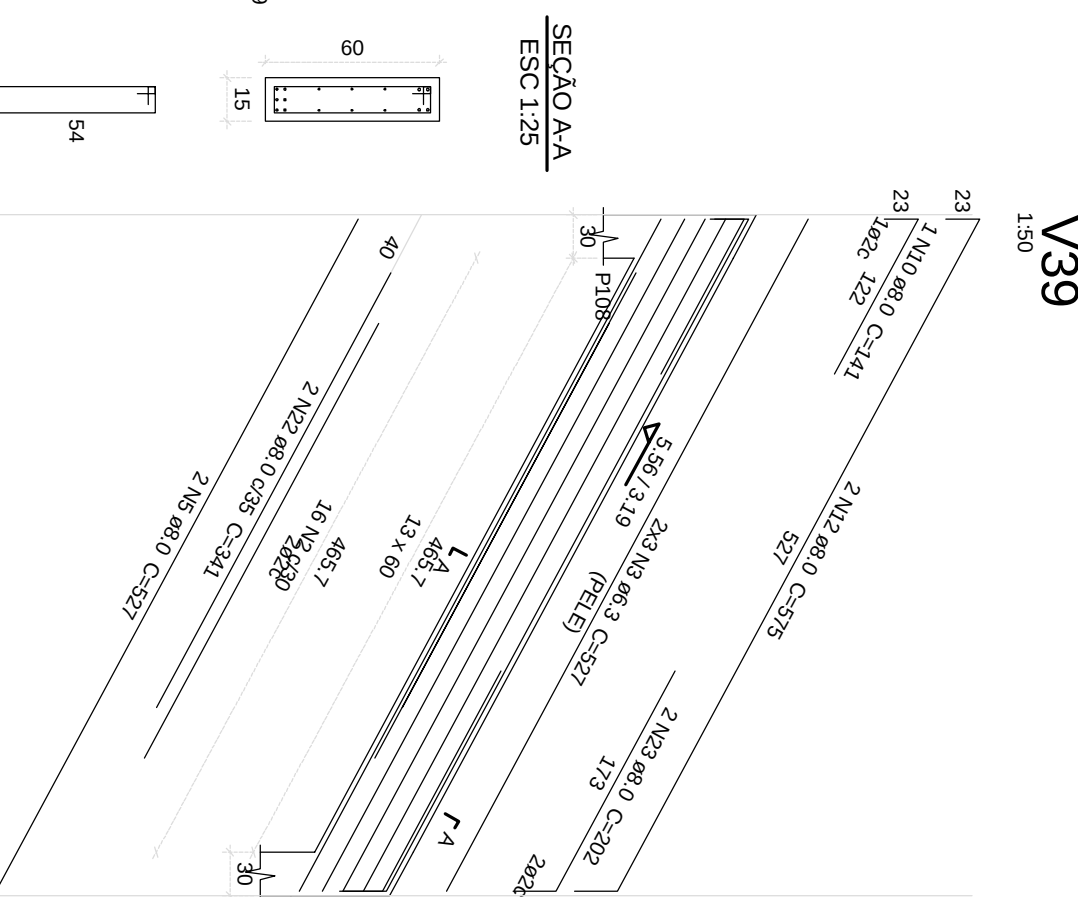
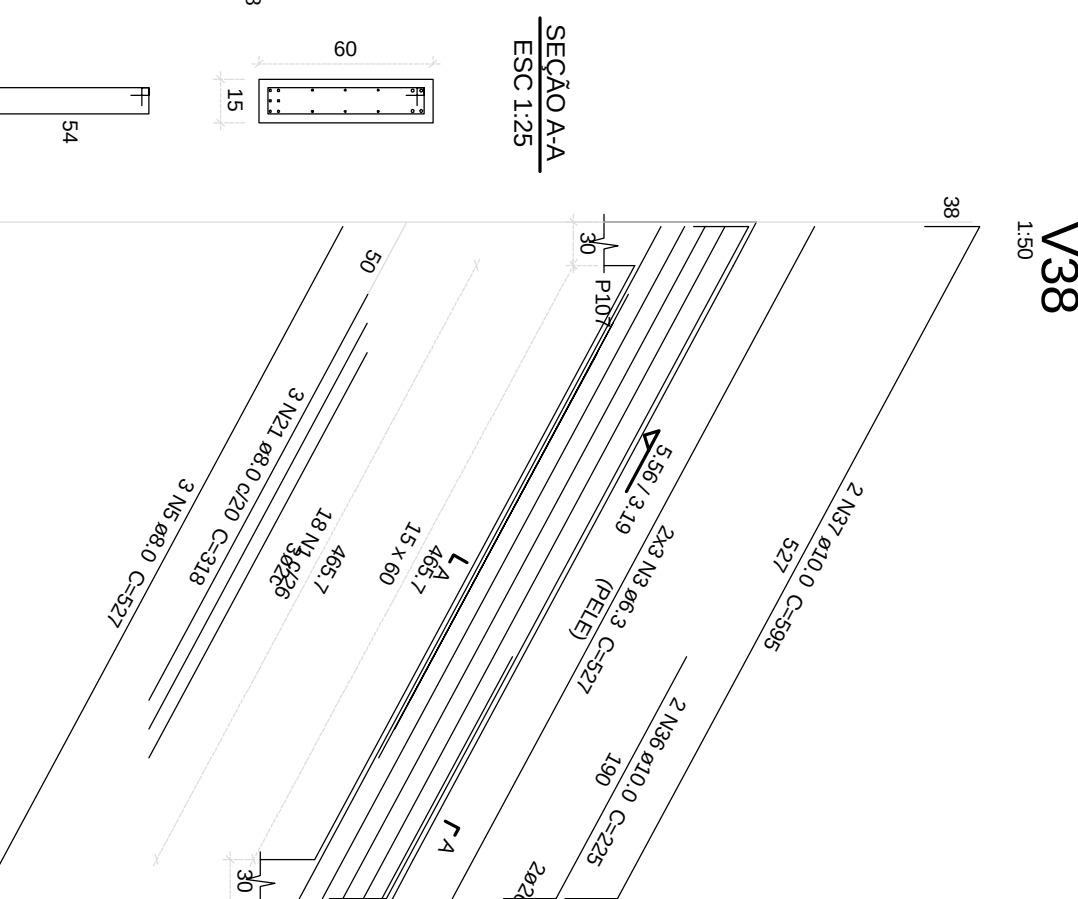
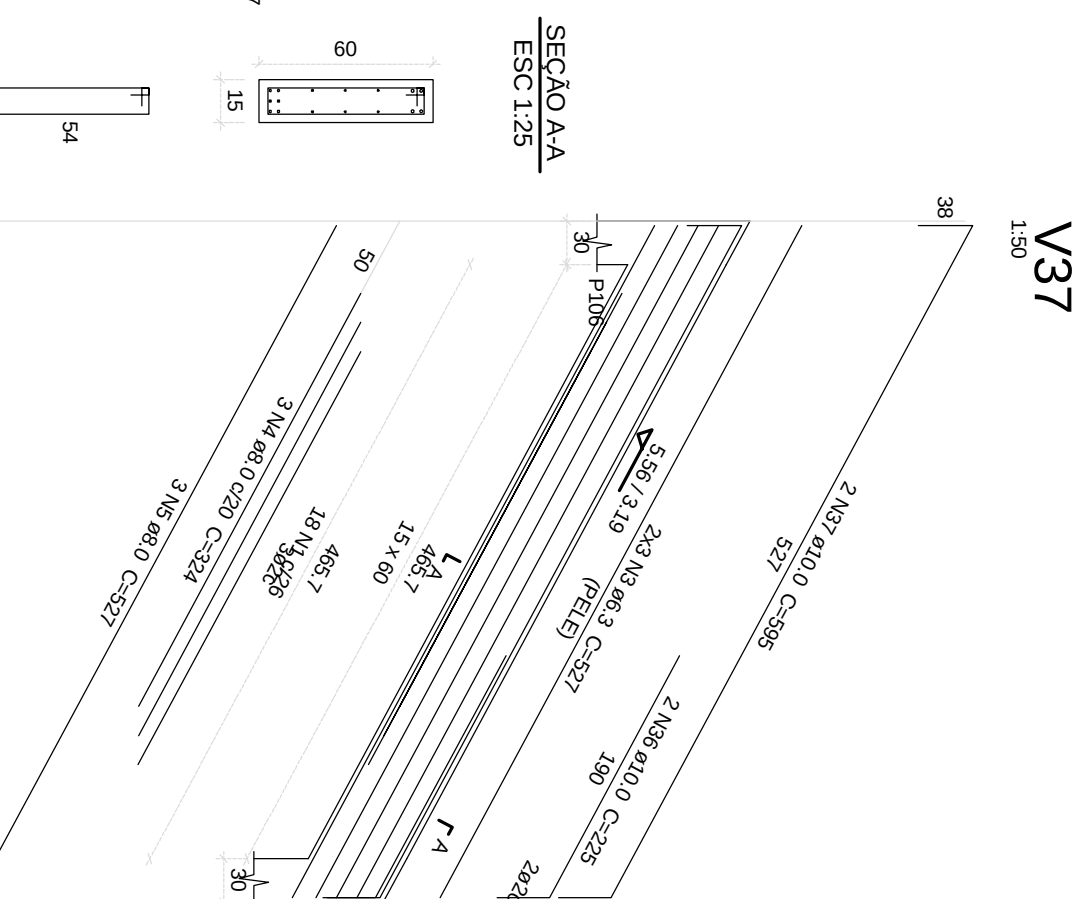
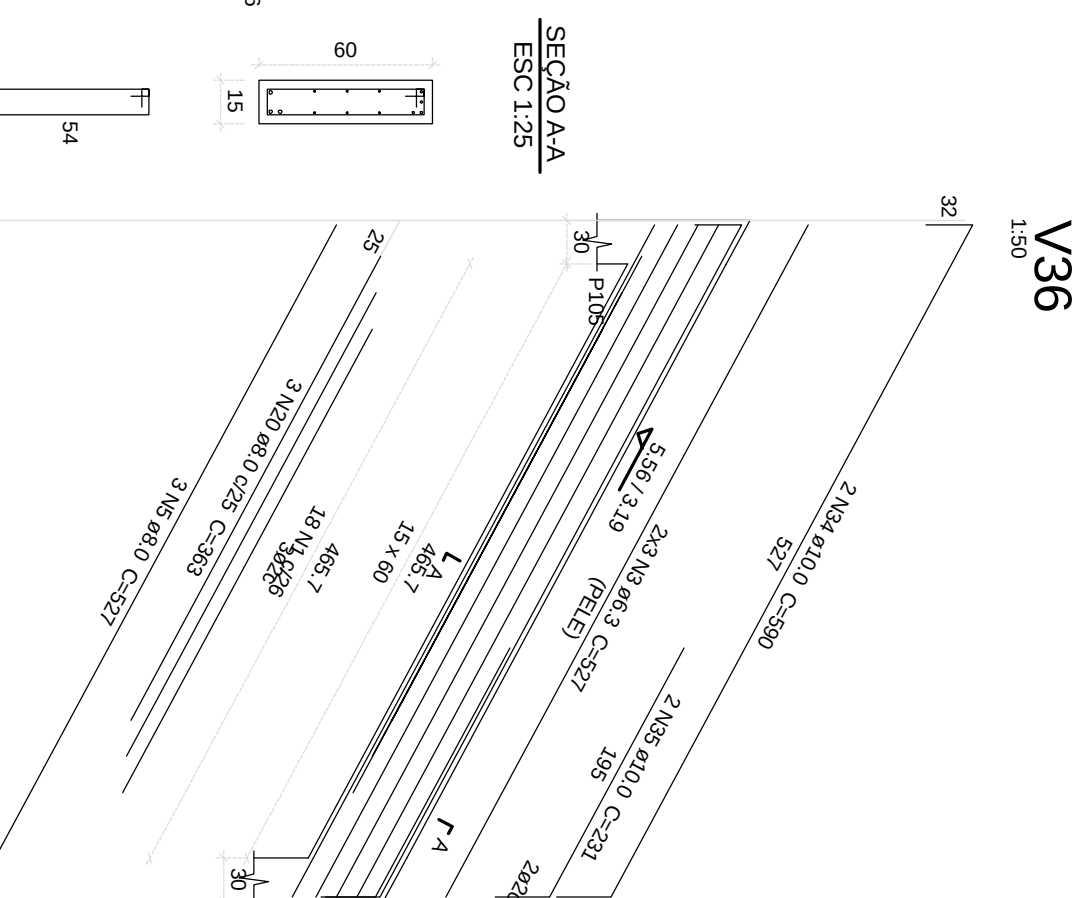
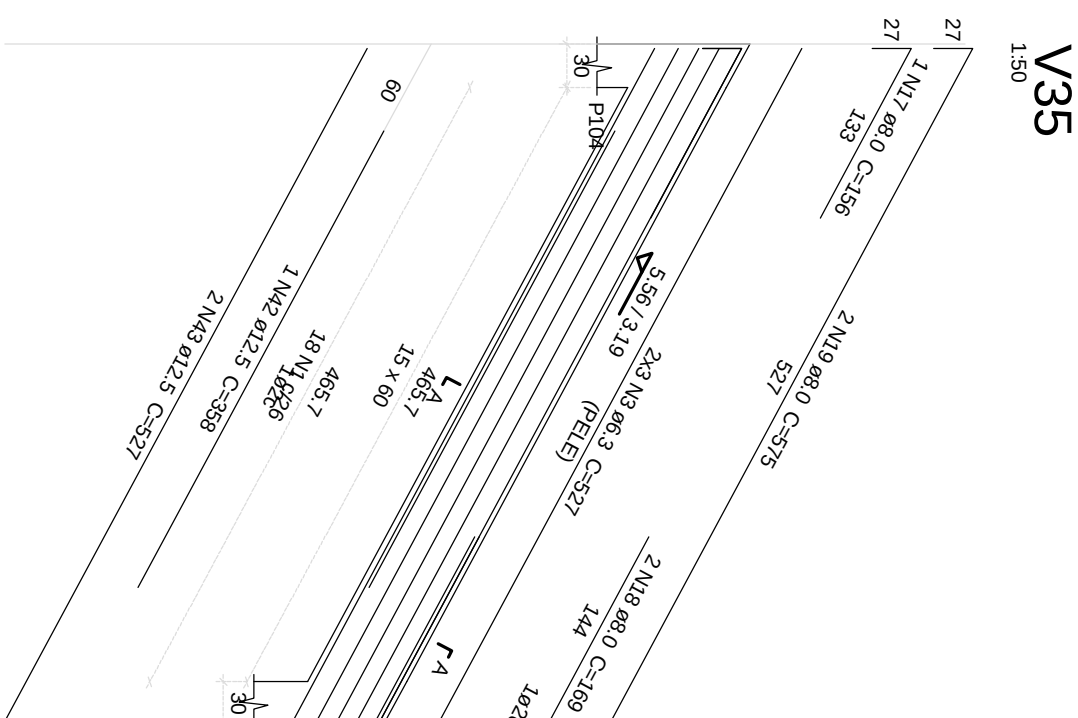
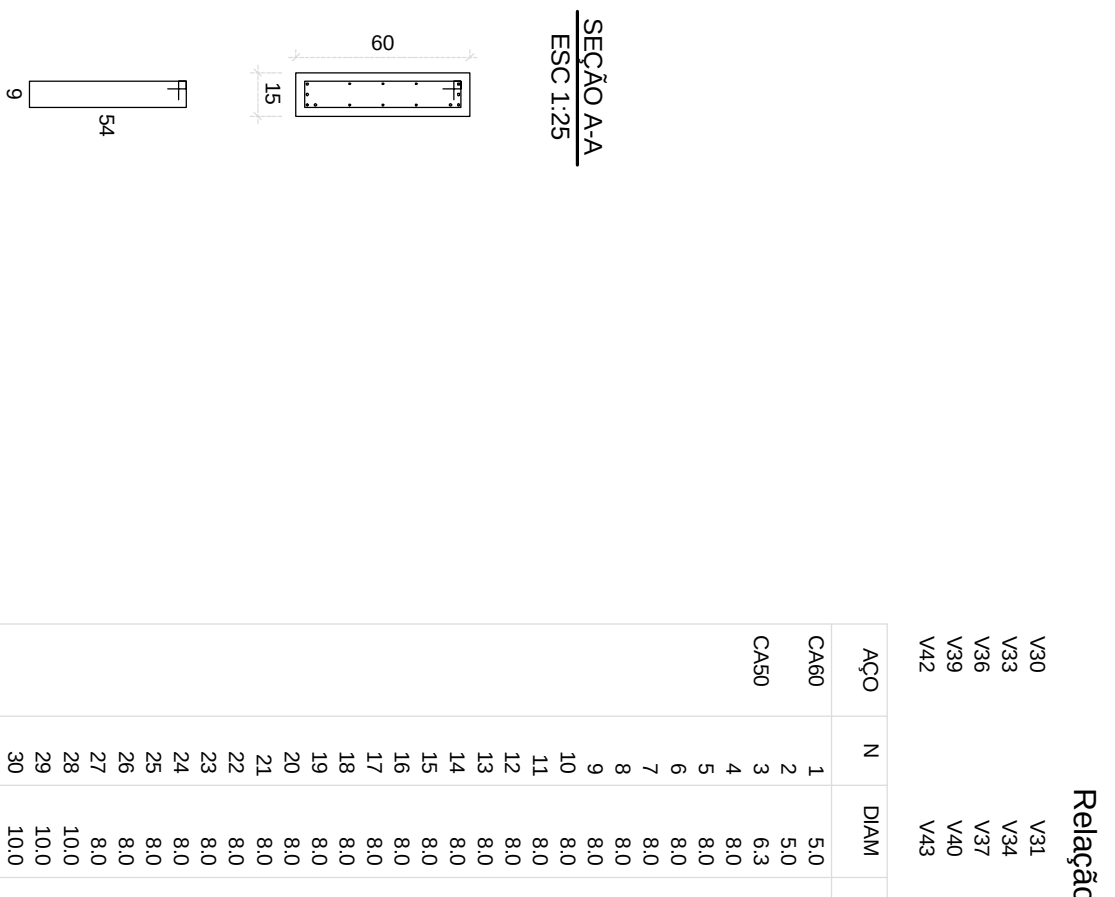
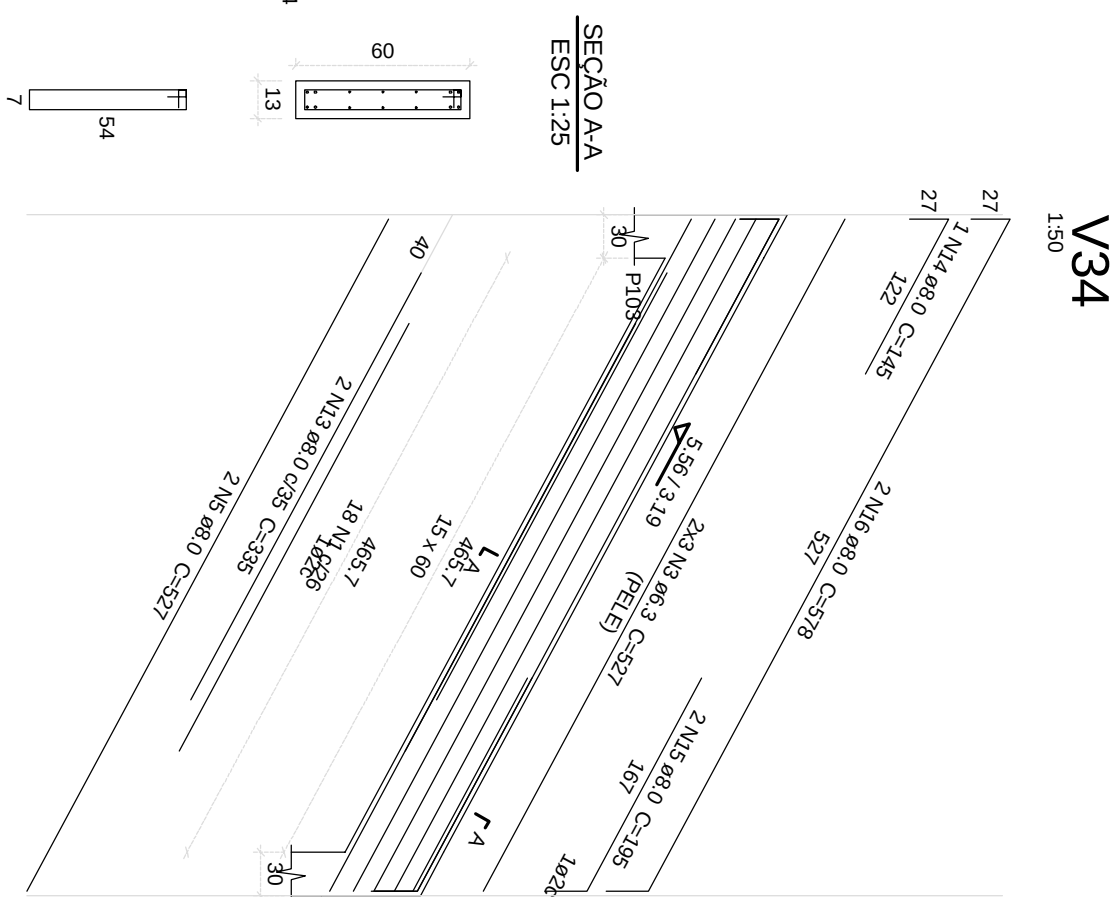
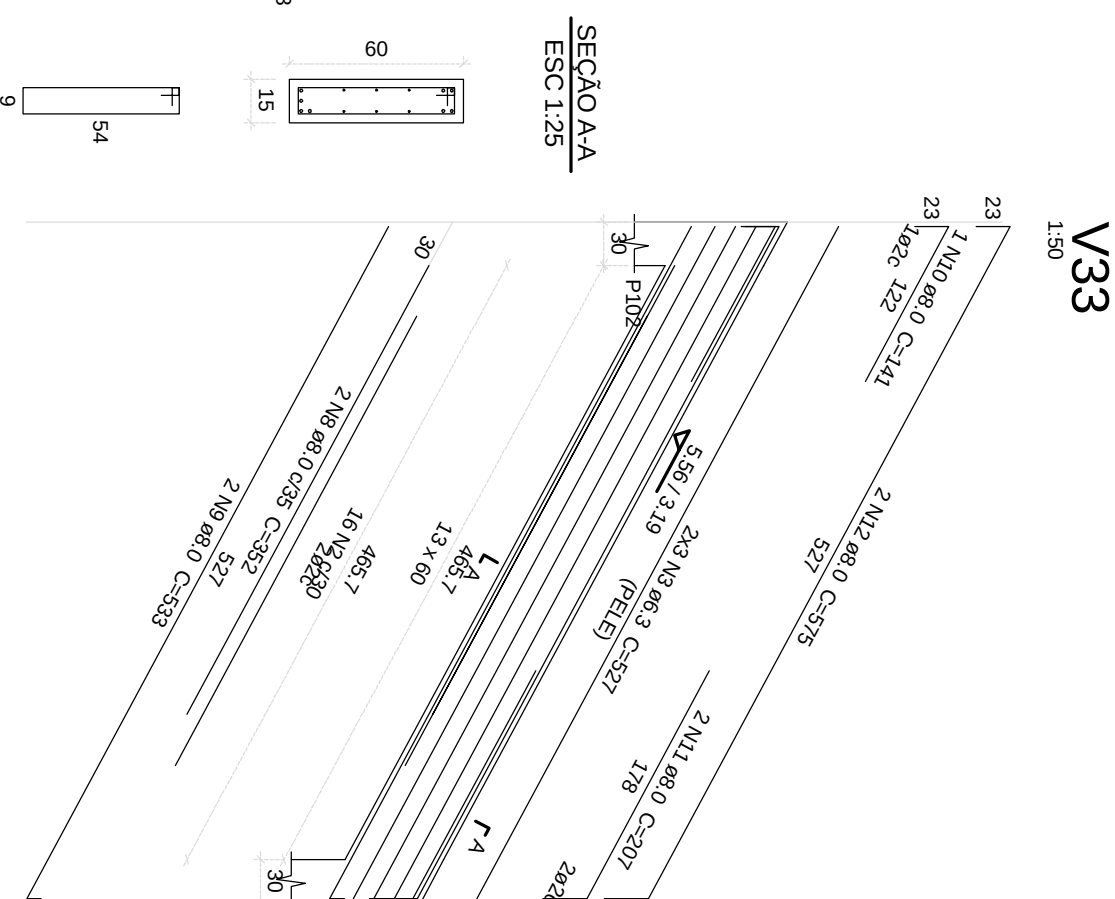
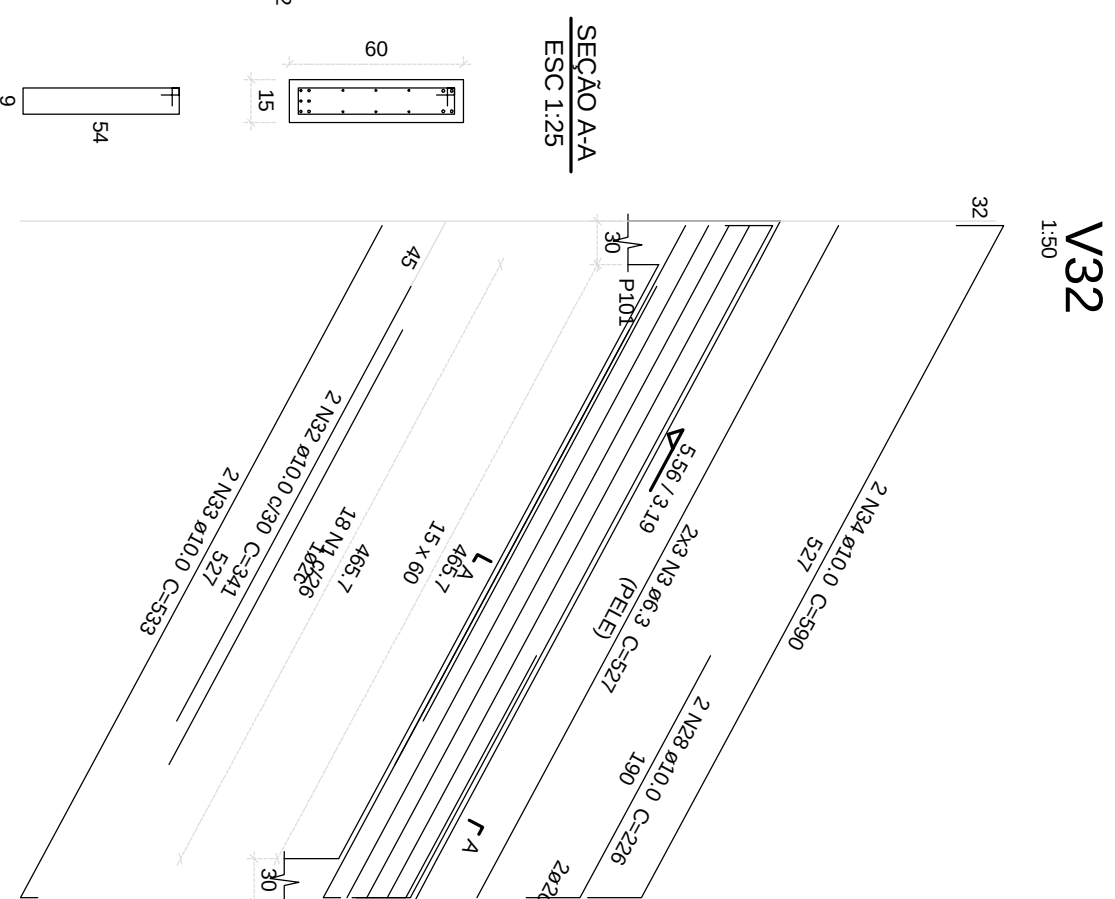
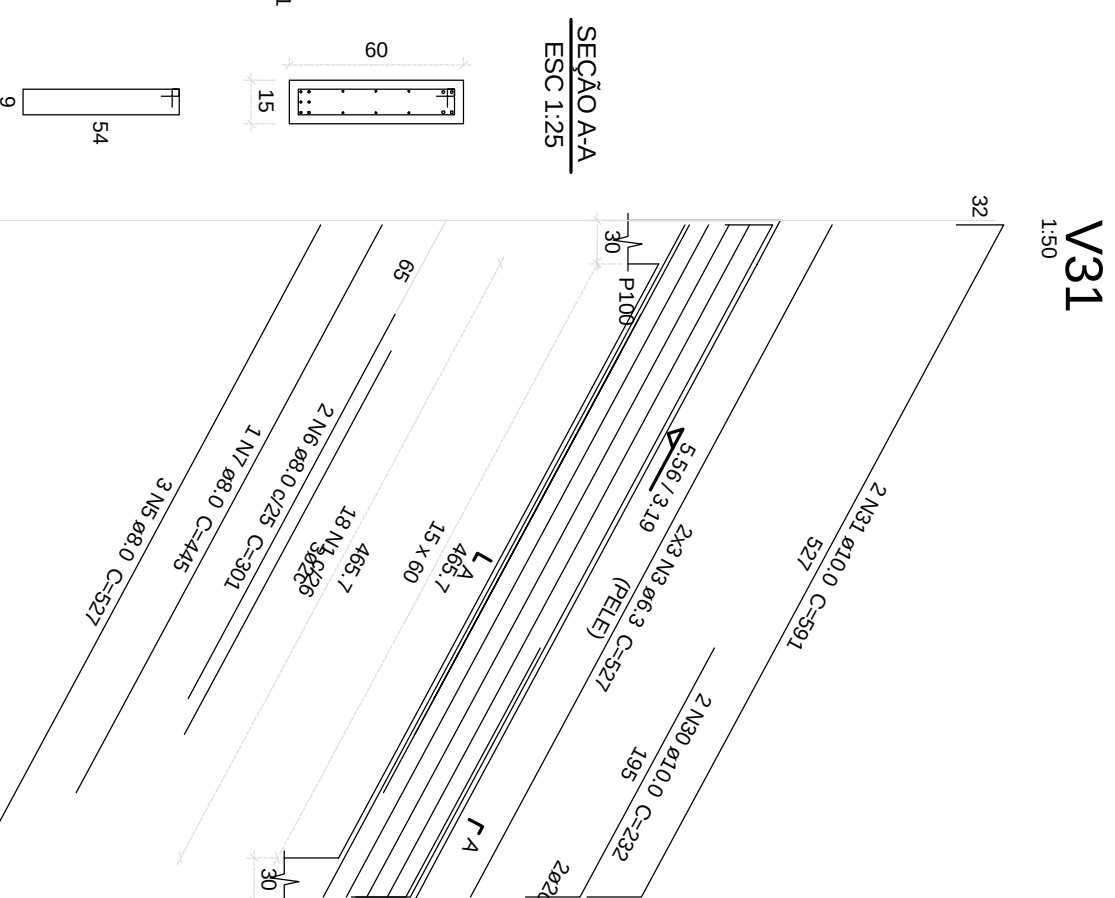
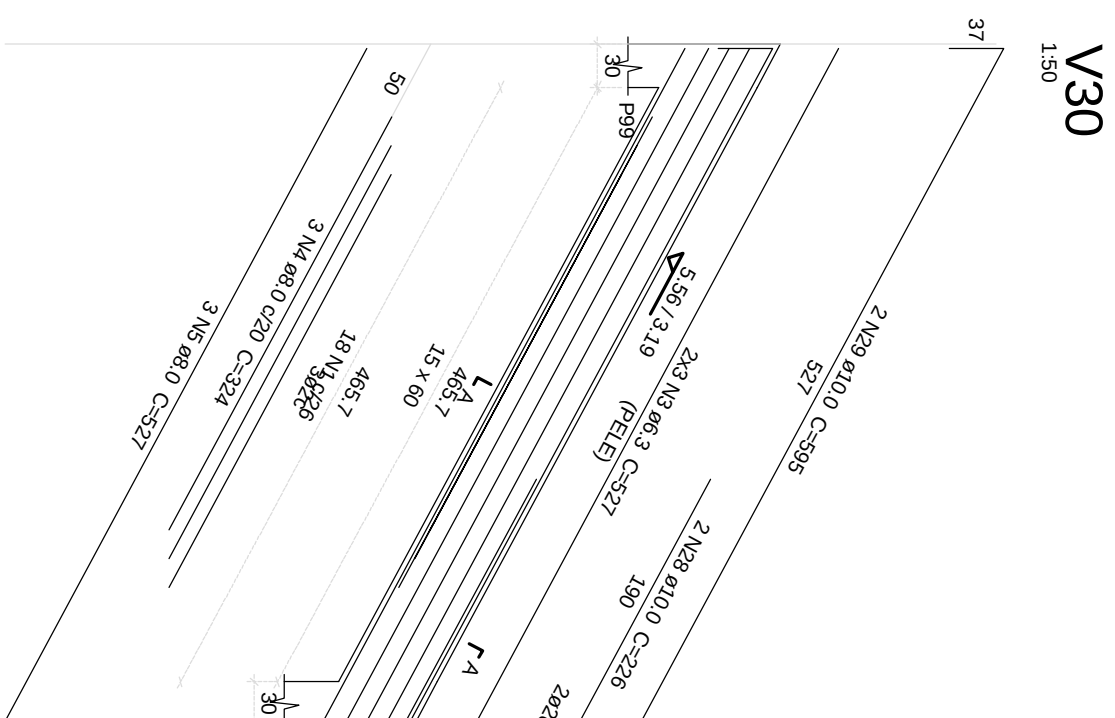




	ACO	N	DMM	Q	UMT	C/TOTAL
CA50	1	5.0	284	138	32.82	
	2	5.0	282	136	32.88	
	3	6.3	90	527	57.81	
	4	8.0	6	324	1844	
	5	8.0	21	527	1067	
	6	8.0	7	445	445	
	7	8.0	2	704	704	
	8	8.0	2	533	1066	
	9	8.0	2	441	262	
	10	8.0	2	441	262	
	11	8.0	2	441	262	
	12	8.0	4	575	2900	
	13	8.0	4	335	1340	
	14	8.0	1	146	145	
	15	8.0	2	575	2900	
	16	8.0	2	156	156	
	17	8.0	1	156	156	
	18	8.0	2	156	338	
	19	8.0	2	575	1167	
	20	8.0	2	575	2900	
	21	8.0	3	318	954	
	22	8.0	2	341	602	
	23	8.0	4	202	808	
	24	8.0	2	575	2900	
	25	8.0	2	156	156	
	26	8.0	2	156	378	
	27	8.0	2	229	292	
	28	10.0	4	228	904	
	29	10.0	4	228	904	
	30	10.0	2	232	912	
	31	10.0	2	931	1182	
	32	10.0	4	341	662	
	33	10.0	4	555	232	
	34	10.0	2	232	912	
	35	10.0	2	231	462	
	36	10.0	8	225	1800	
	37	10.0	6	995	3570	
	38	10.0	2	232	912	
	39	10.0	2	212	434	
	40	10.0	2	960	1180	
	41	10.0	2	599	1178	
	42	12.5	1	358	358	
	43	12.5	1	358	358	
	44	12.5	2	541	1082	

Resumo do aço

	DIAM	C. TOTAL	PESO + 10 %
		(m)	(kg)
CA50	6,3	474,3	127,7
	8,0	309	134,1
	10,0	182,3	123,6
	12,5	46,1	48,8
CA60	5,0	365,8	62
PESO TOTAL			
CA50		434,2	
CA60		62	

Vol. de concreto total (C-25) = 7.08 m³
Área de forma total = 107.88 m²

0.8 m³

TÍTULO	DET. DAS VIGAS NÍVEL 5, G.O 03/O4
ARQUIBANCADA E ÁREAS DE APOIO DA PISTA DE ATLETISMO CAMPIUS DIAMANTINA	RODOVIA MG 967, KM 583, Nº 5000 - ALTO DA JACIBA - DIAMANTINMG FORNITRIMCO UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI
UFVJM	CNPJ 16.888.315/0001-57