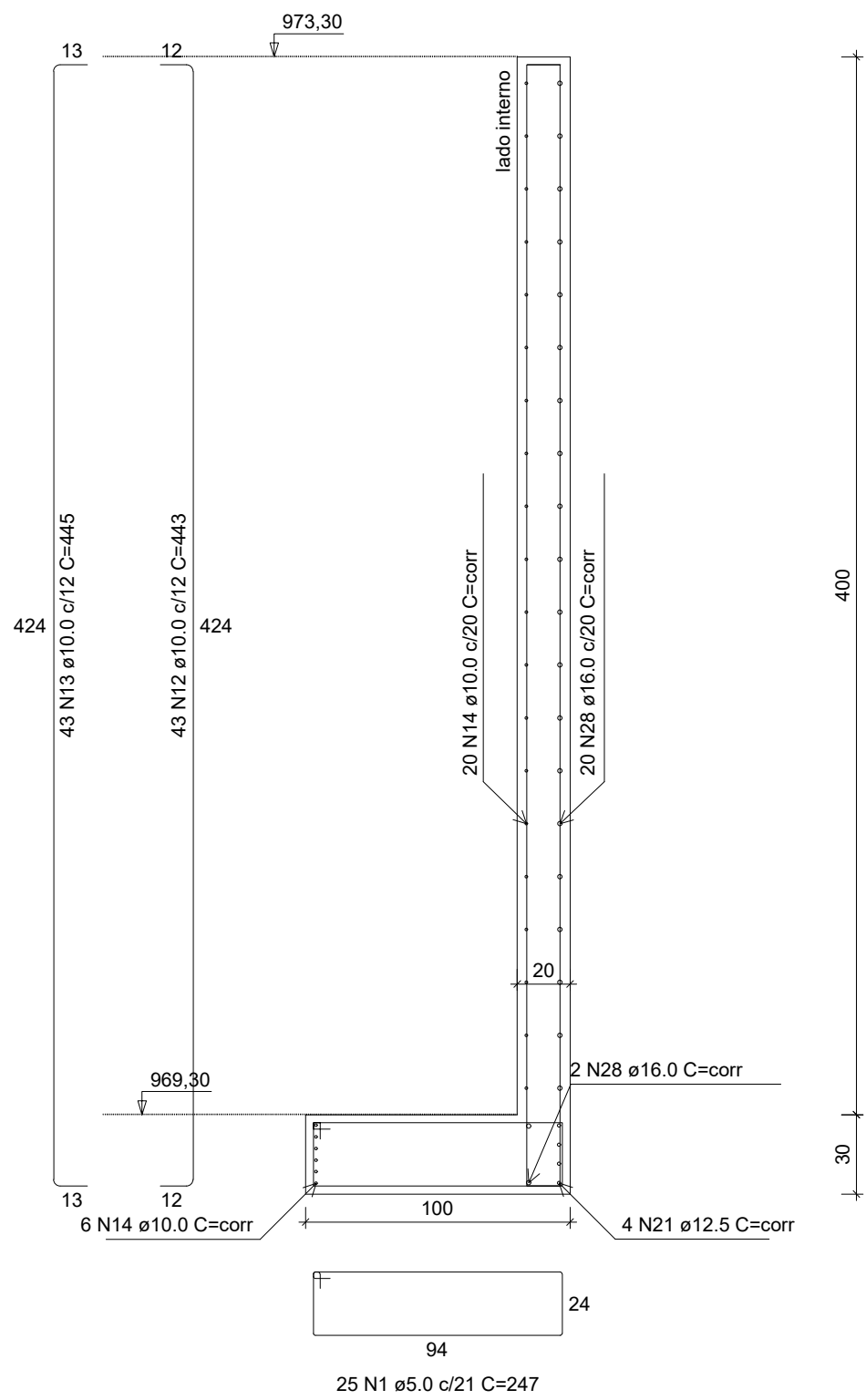
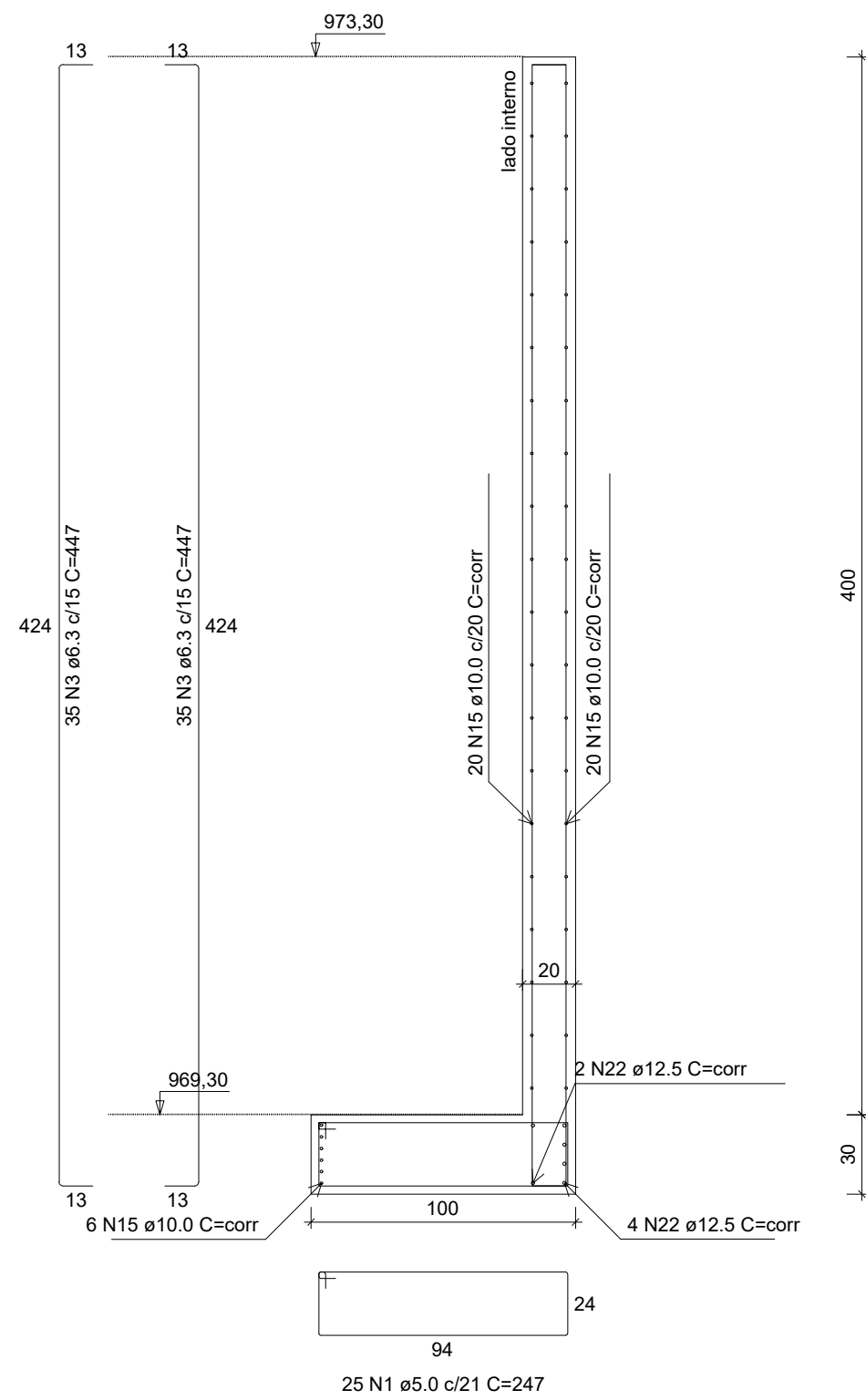


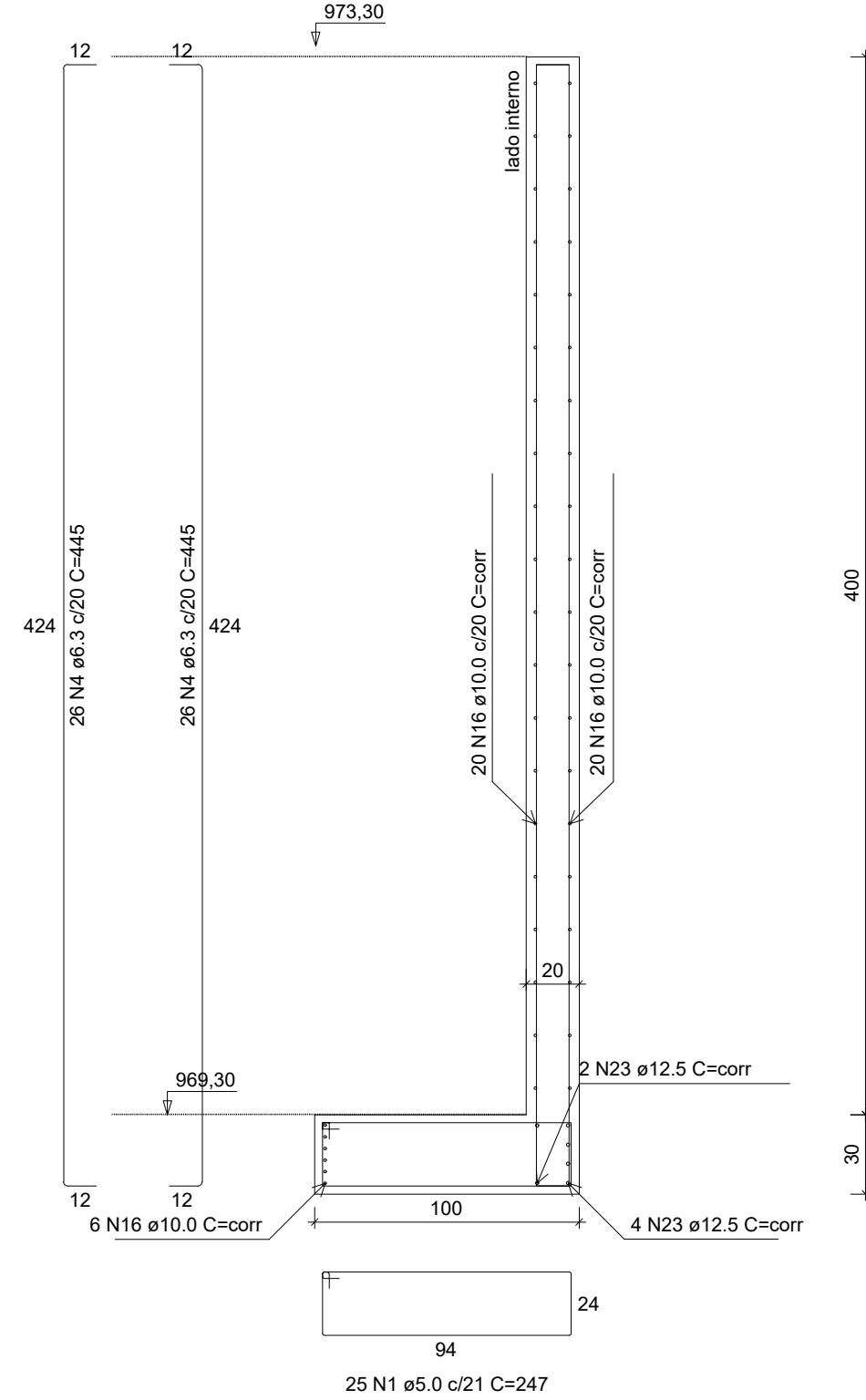
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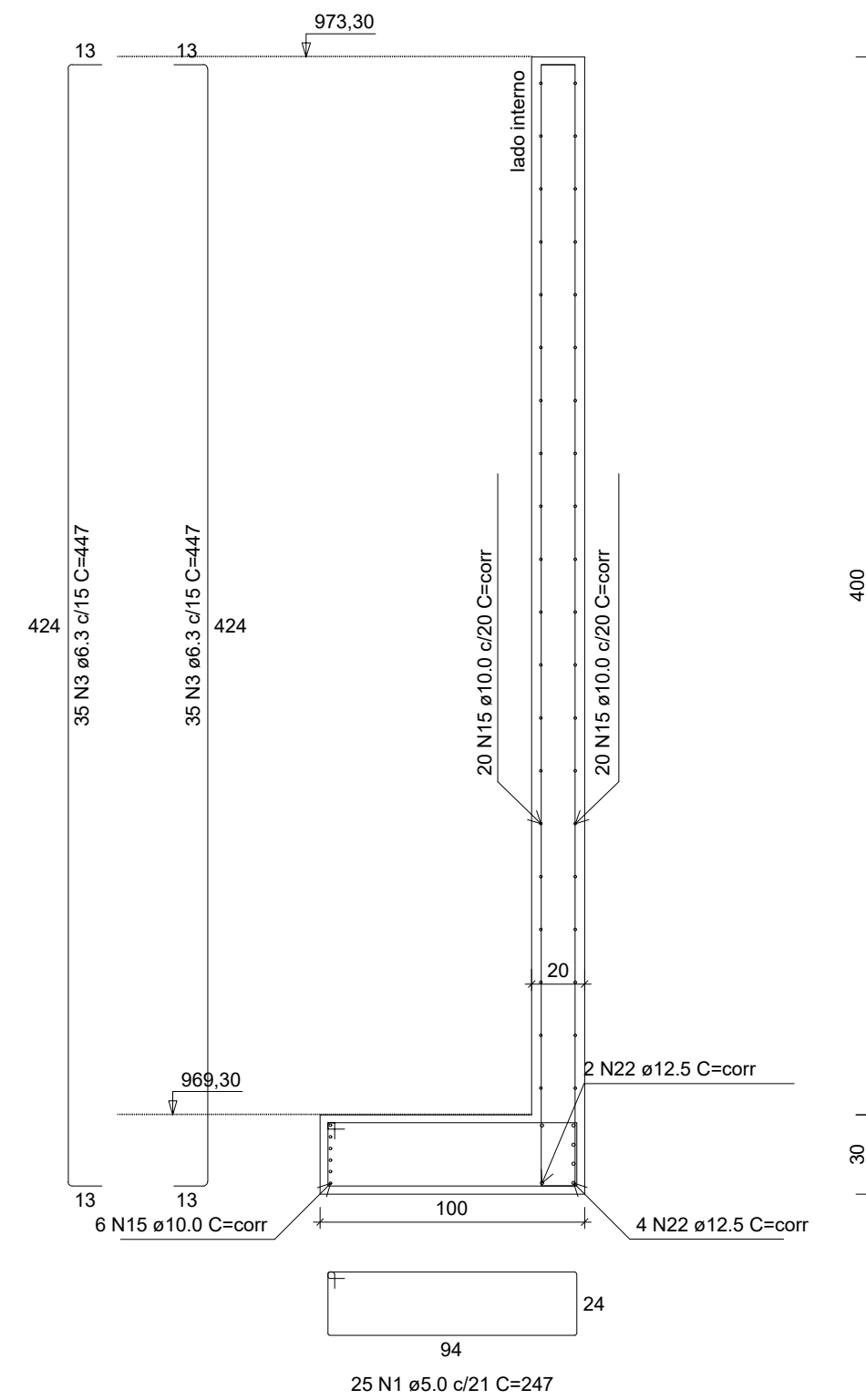
PAR3



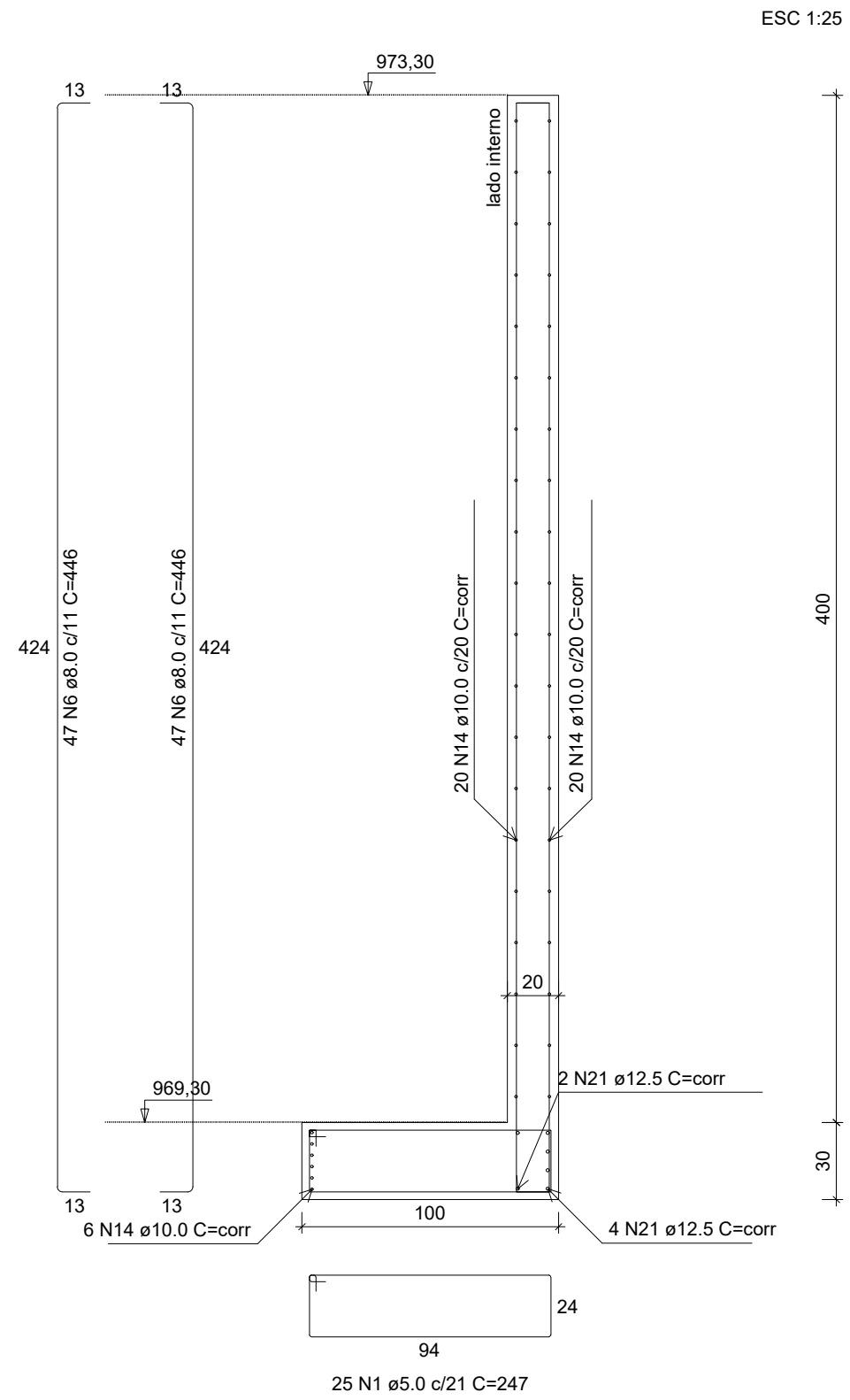
PAR4



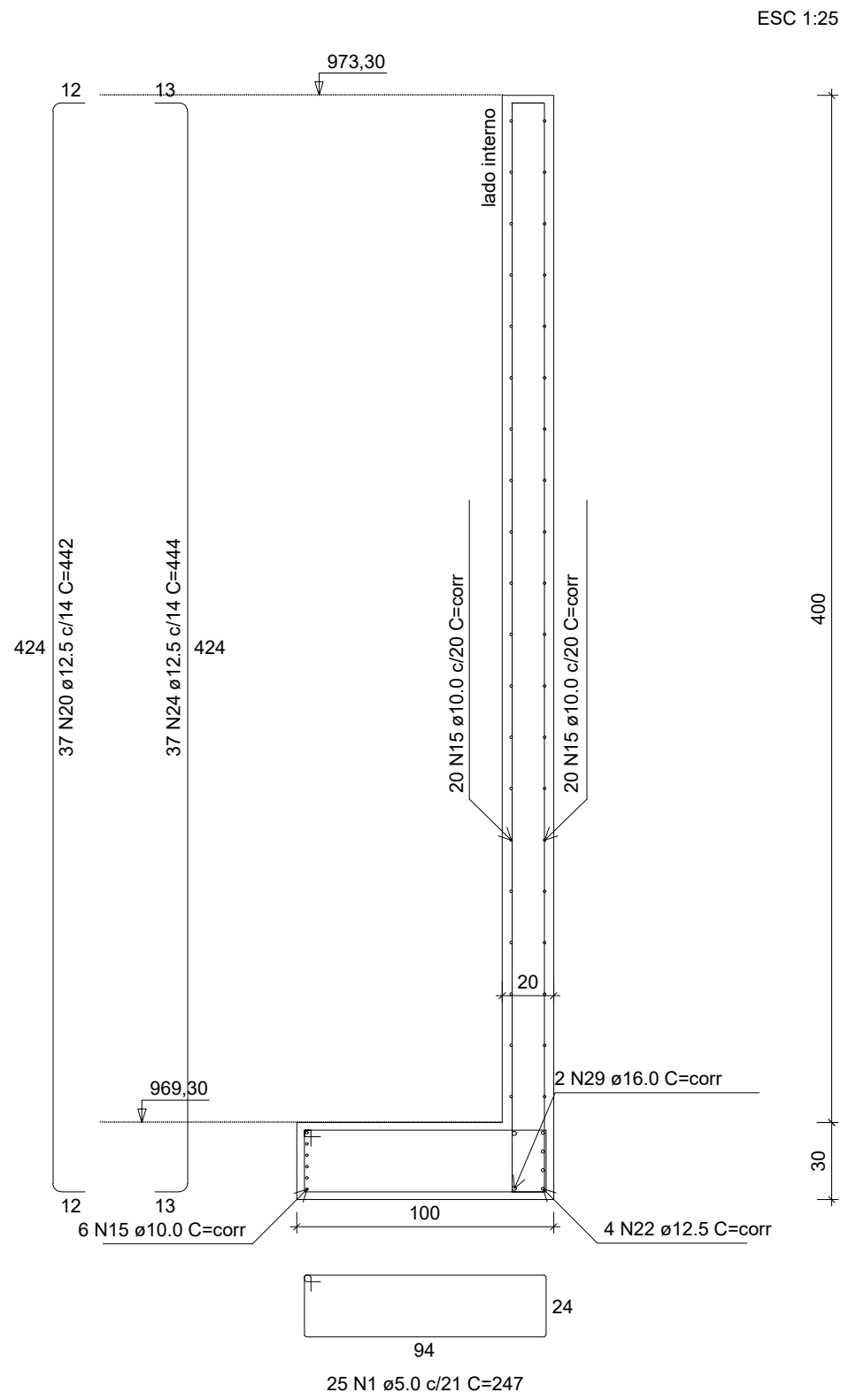
PAR5



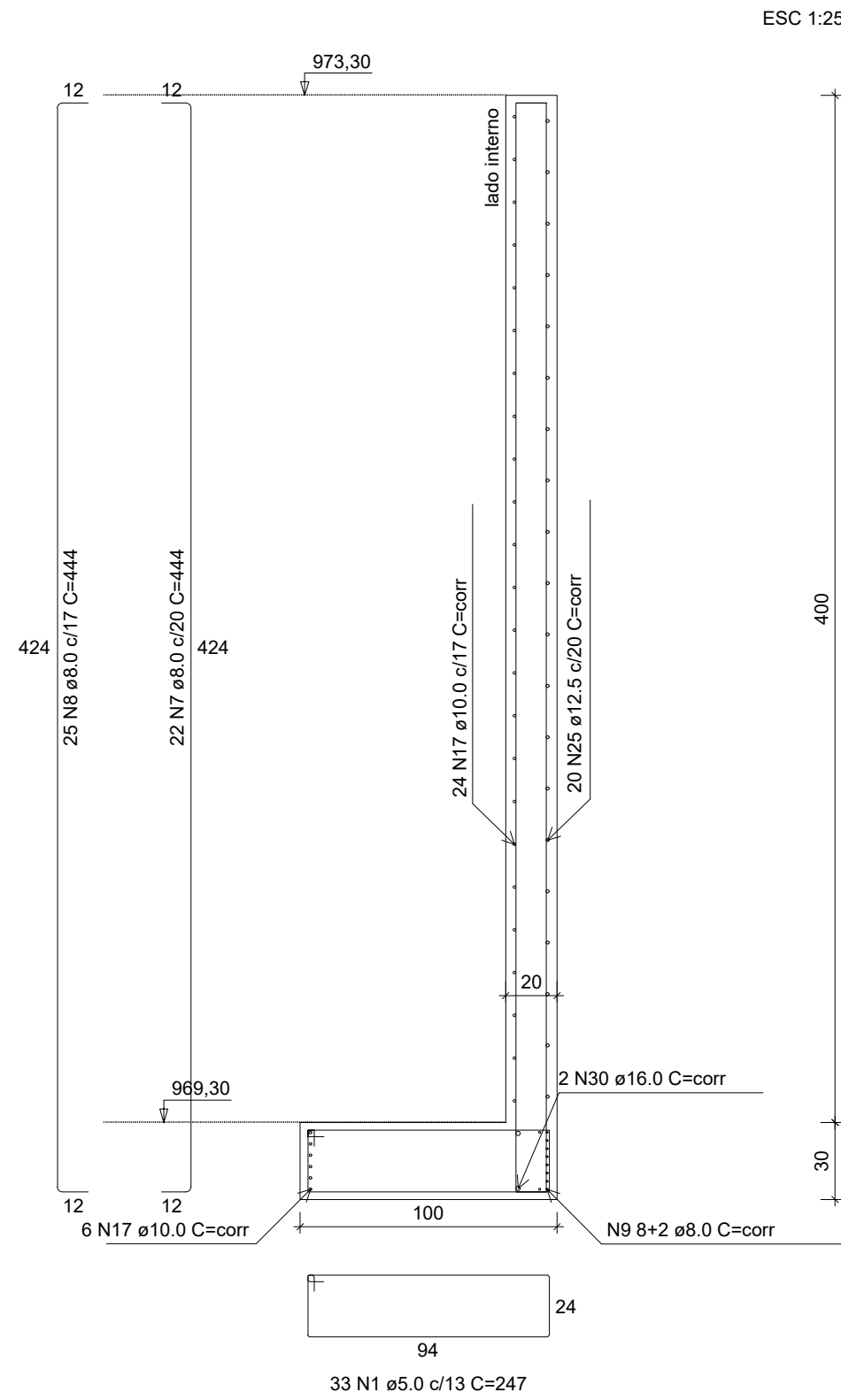
PAR6



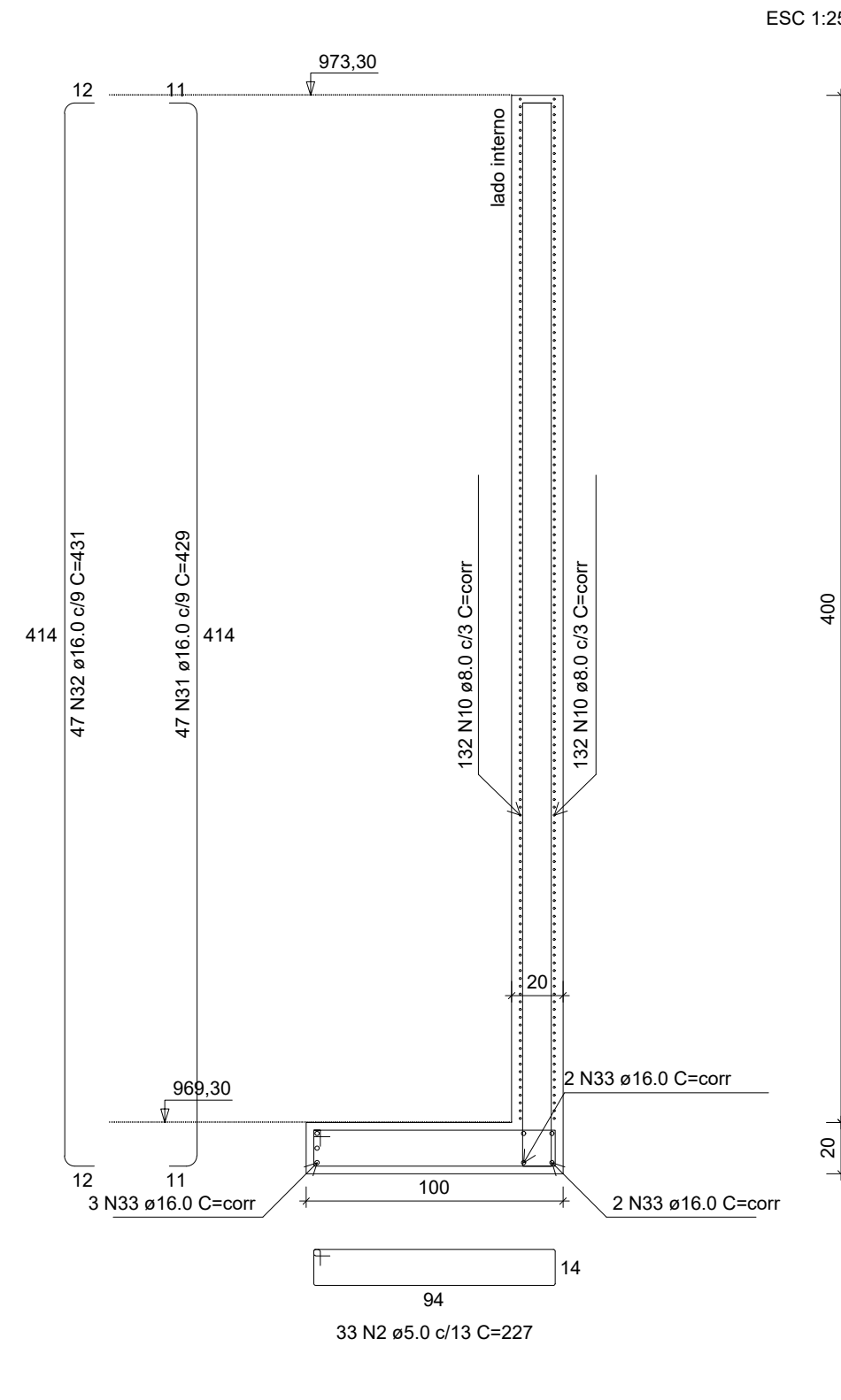
PAR7



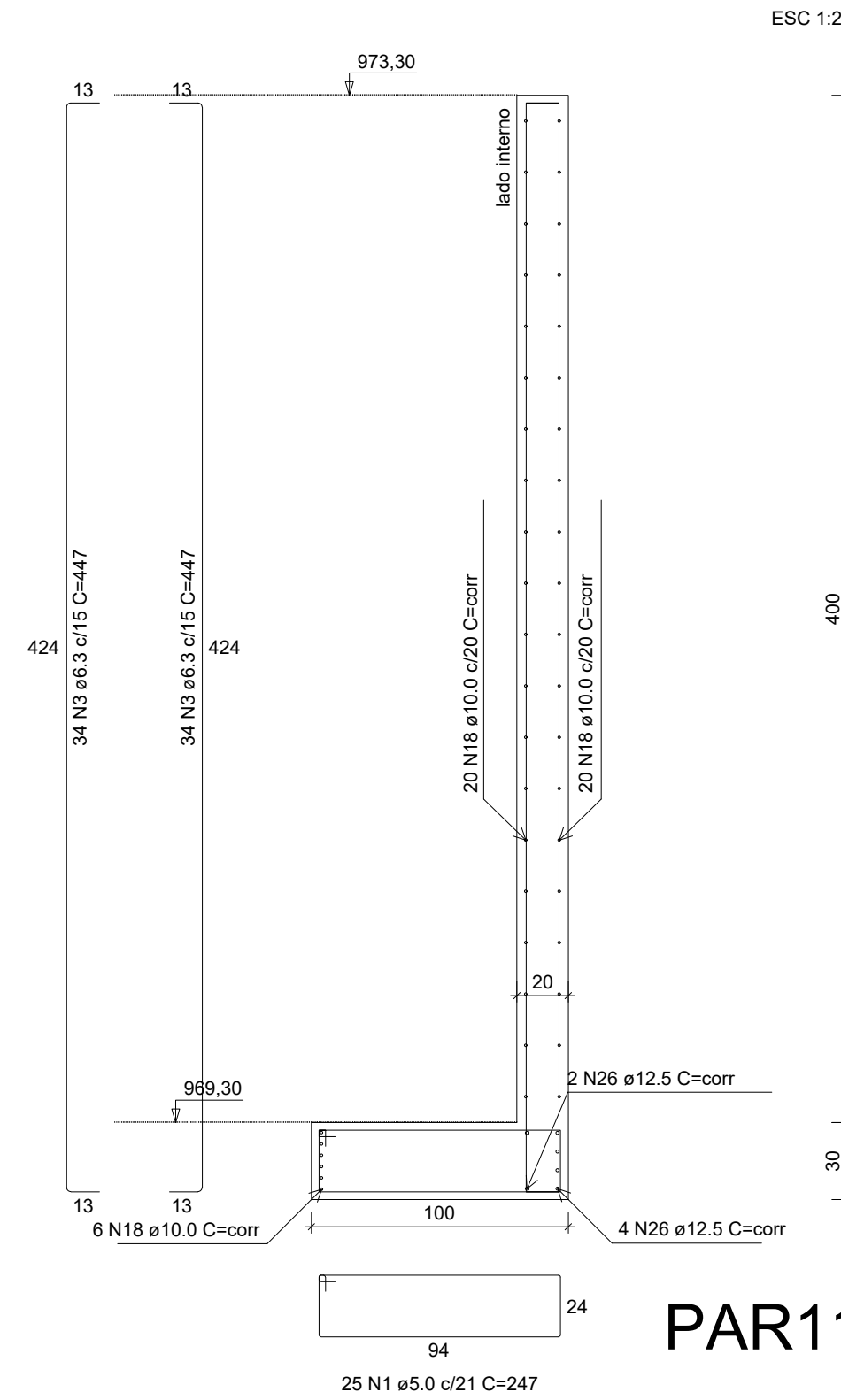
PAR8



PAR9



PAR10



PAR11

RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	217	247	53599
CA50	2	5.0	33	227	7491
	3	6.3	208	447	92976
	4	6.3	52	445	23140
	5	8.0	132	corr	16104
	6	8.0	94	446	41924
	7	8.0	22	444	9768
	8	8.0	25	444	11100
	9	8.0	10	corr	4220
	10	8.0	264	corr	111408
	11	10.0	32	corr	3904
	12	10.0	43	443	19049
	13	10.0	43	445	19135
	14	10.0	72	corr	37008
	15	10.0	138	corr	71070
	16	10.0	46	corr	23782
	17	10.0	30	corr	12660
	18	10.0	46	corr	23414
	19	12.5	25	442	11050
CA60	20	12.5	62	442	27404
	21	12.5	10	corr	5140
	22	12.5	16	corr	8240
	23	12.5	6	corr	3102
	24	12.5	37	444	16428
	25	12.5	20	corr	8440
	26	12.5	6	corr	3054
	27	16.0	2	corr	244
	28	16.0	22	corr	11308
	29	16.0	2	corr	1030
CA60	30	16.0	2	corr	844
	31	16.0	47	429	20163
	32	16.0	47	431	20257
	33	16.0	7	corr	2954

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	1161.2	312.6
	8.0	1945.2	844.3
	10.0	2100.2	1424.4
	12.5	828.6	878
	16.0	568	986.1
	5.0	610.9	103.6
PESO TOTAL (kg)			
CA50		4445.4	
CA60		103.6	
Volume de concreto fck 3,0KN/cm² (C-30) = 0,00 m³			
Área de forma = 0,00 m²			