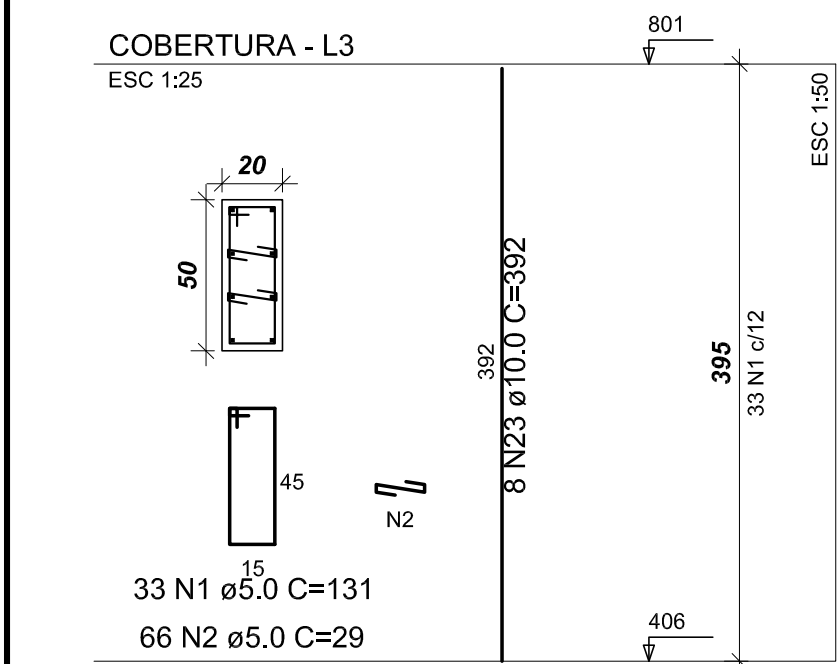
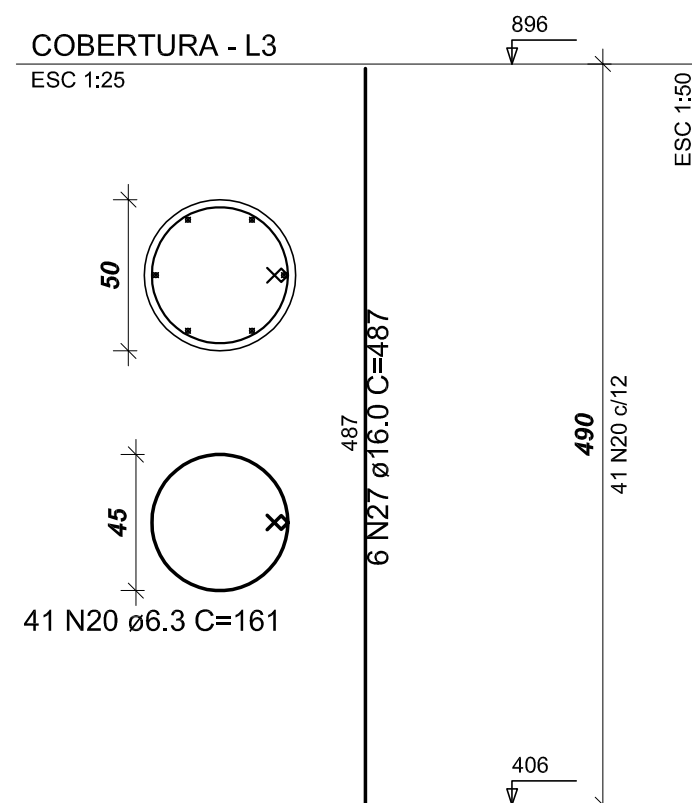


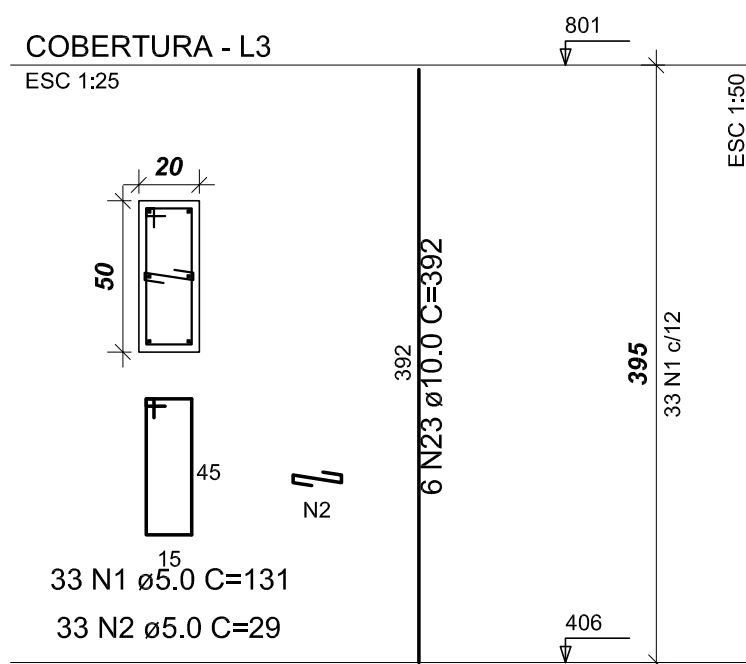
P1=P69



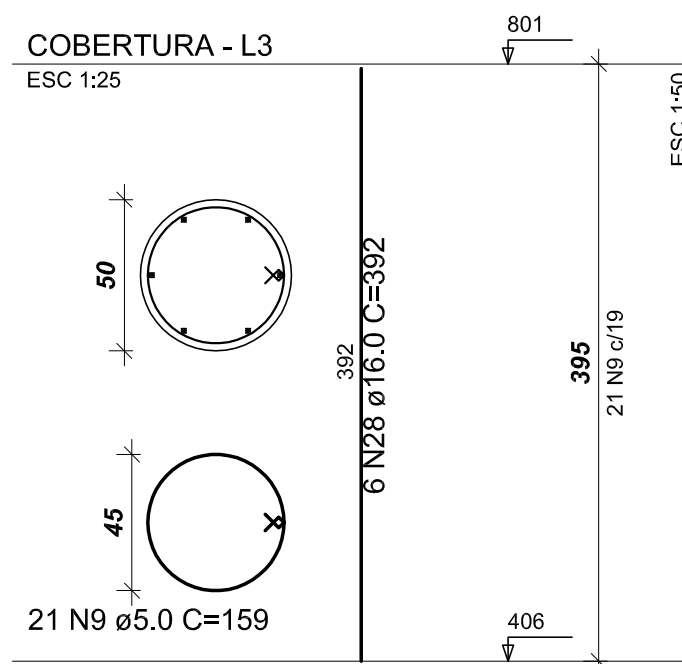
P17=P20=P23=P24=P39
P51=P53=P54=P61=P63



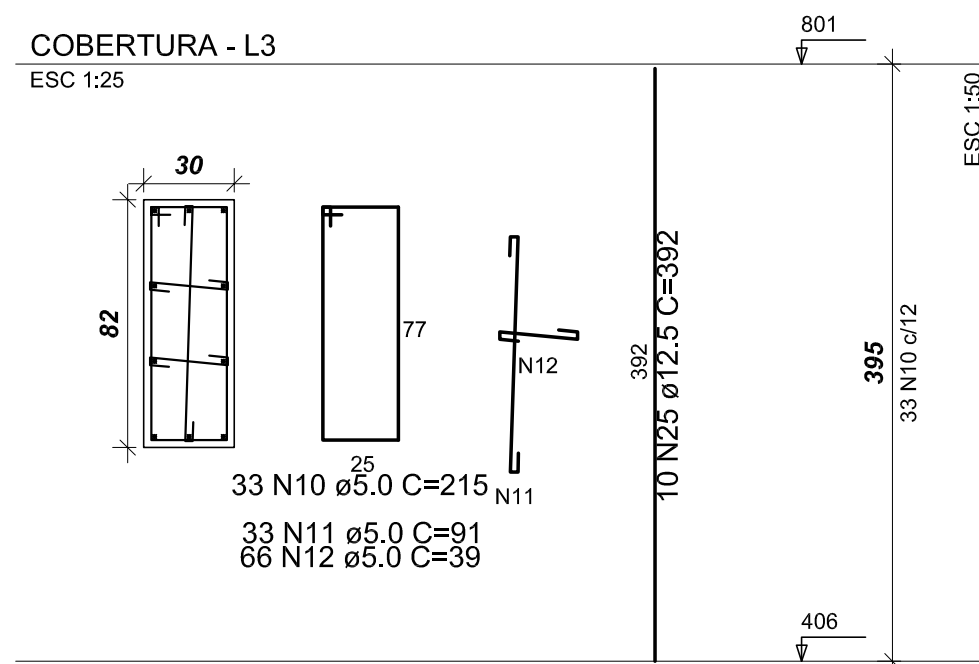
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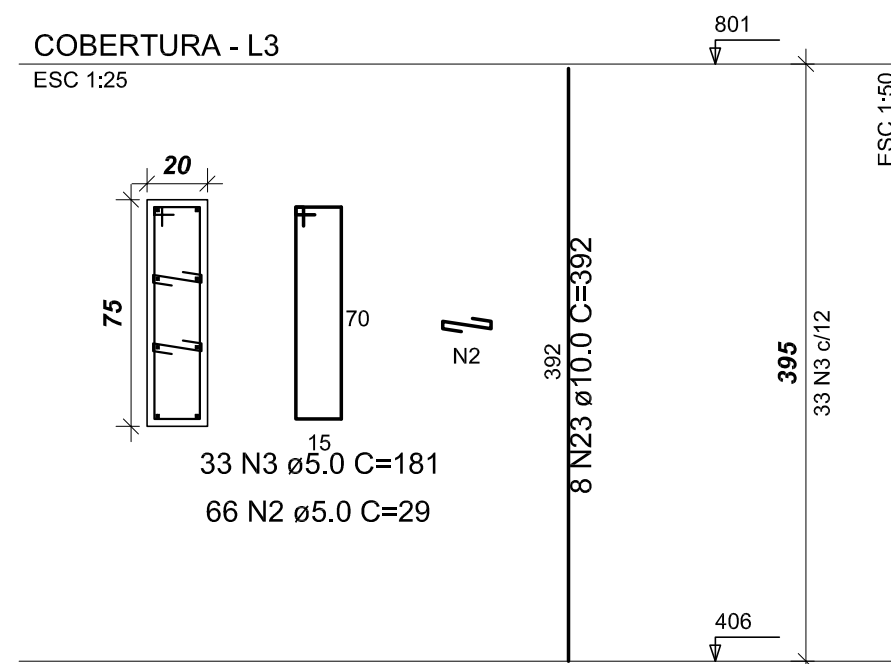
P25



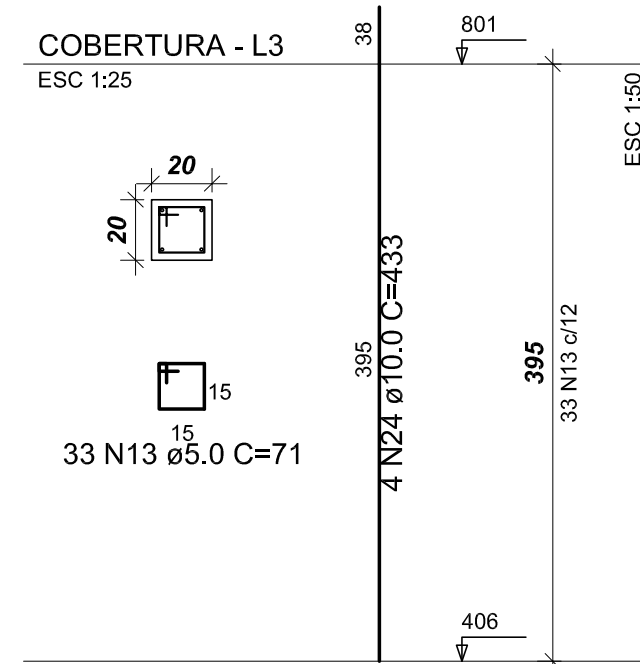
P26



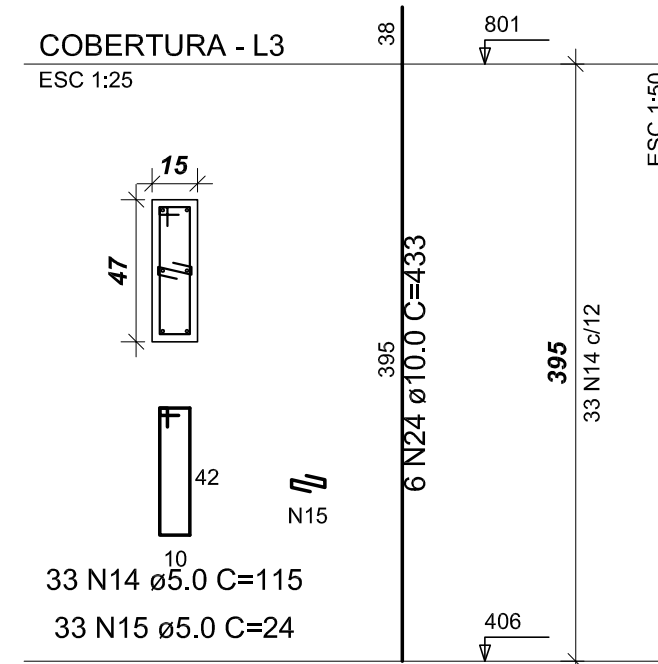
P3=P4=P70=P77



P32=P67



P33=P44=P59=P66

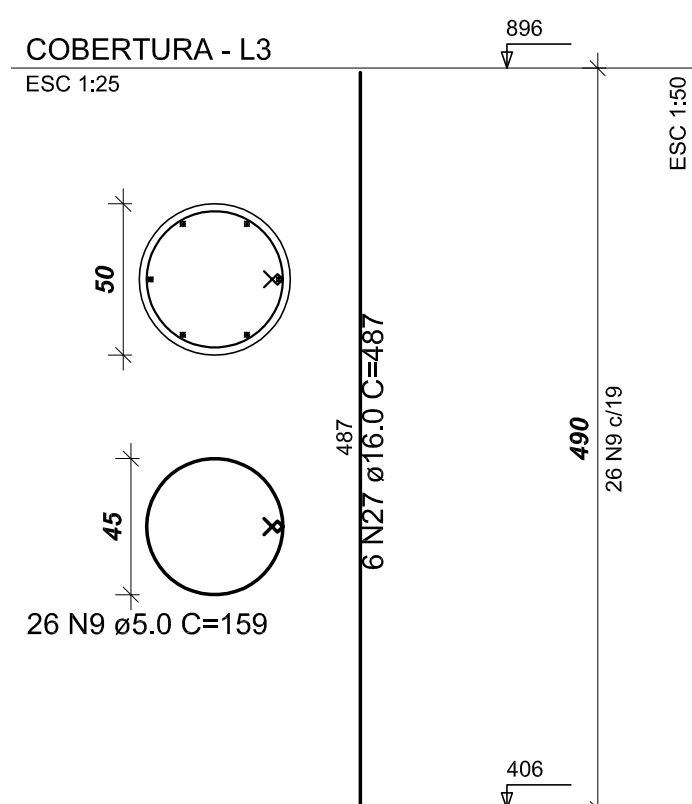


RELAÇÃO DO AÇO PILARES QUE SUPORTAM A COBERTURA					
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	132	131	17292
	2	5.0	1105	29	33465
	3	5.0	132	181	23892
	4	5.0	208	195	60310
	5	5.0	227	227	51529
	6	5.0	434	45	20430
	7	5.0	108	291	31428
	8	5.0	243	29	7047
	9	5.0	219	159	34821
	10	5.0	33	215	7095
	11	5.0	220	91	20020
	12	5.0	132	66	2574
	13	5.0	68	71	4686
	14	5.0	132	115	15180
	15	5.0	132	24	3168
	16	5.0	33	151	4983
	17	5.0	66	39	2574
	18	5.0	80	205	12200
	19	5.0	120	34	4080
	20	6.3	443	161	71523
90	21	6.3	123	192	23816
	22	10.0	246	60	14760
	23	10.0	138	302	54096
	24	10.0	32	433	13056
	25	12.5	78	392	30576
	26	12.5	38	467	18506
	27	16.0	120	487	58440
	28	16.0	12	392	4704
	29	16.0	12	455	5460

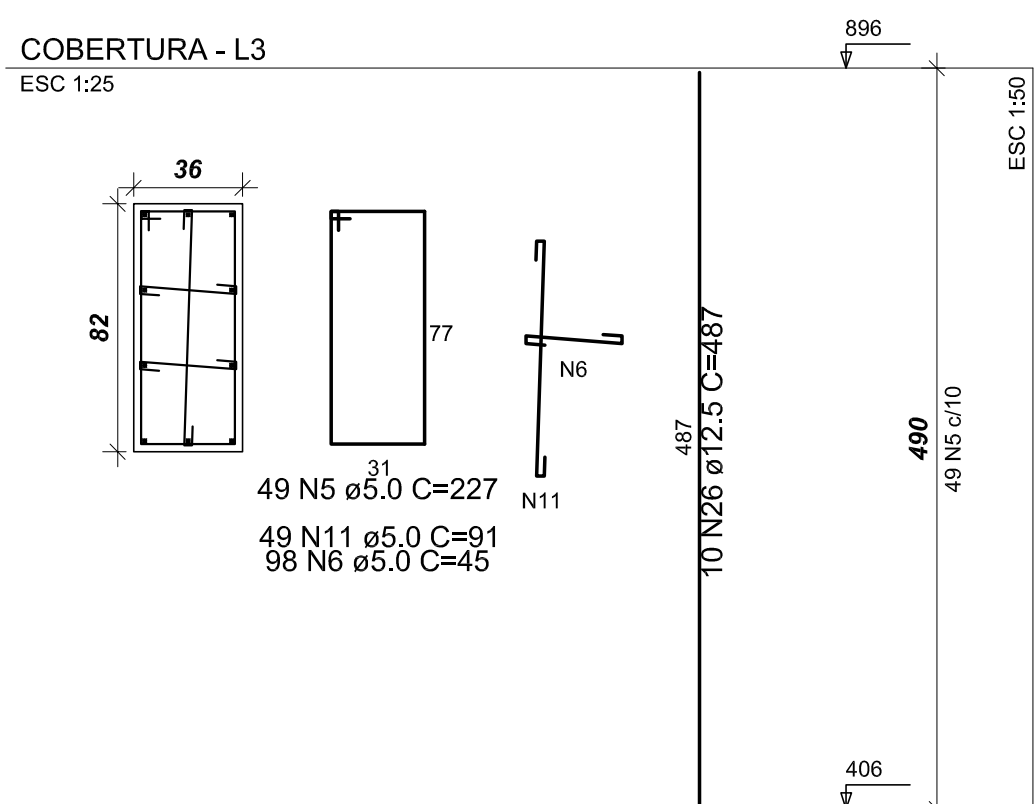
RESUMO DO AÇO			
AÇO	DIAM	C.TOTAL (m)	PESO+0% (kg)
CA50	6.3	1097.2	268.9
CA50	10.0	670.5	419.1
CA50	12.5	490.8	473.1
CA60	5.0	686.0	1063.8
CA60	5.0	347.0	534.5
PESO TOTAL		2244.9	
CA50		534.5	

Via. de concreto total (C-25) =46.58 m³
Área de forma total = 444.41 m²

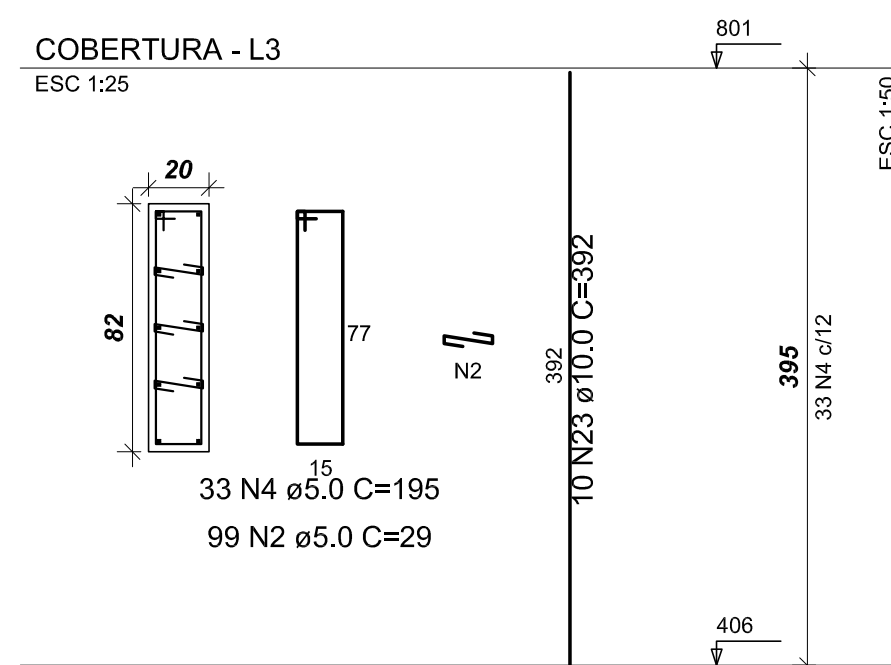
P40=P41=P42=P52=P62=P64



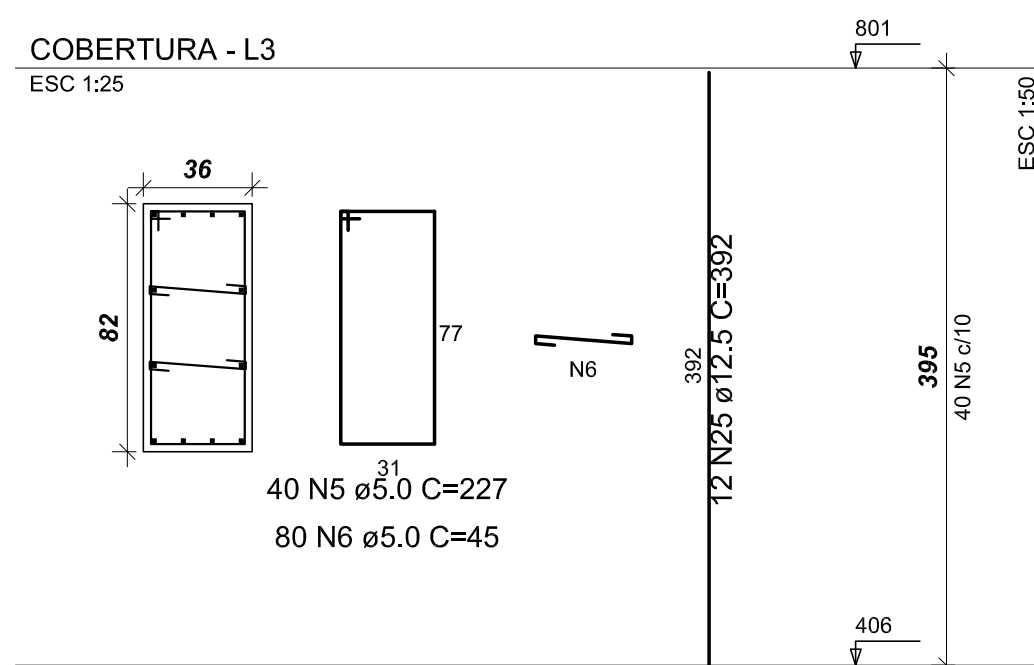
P43=P55=P72



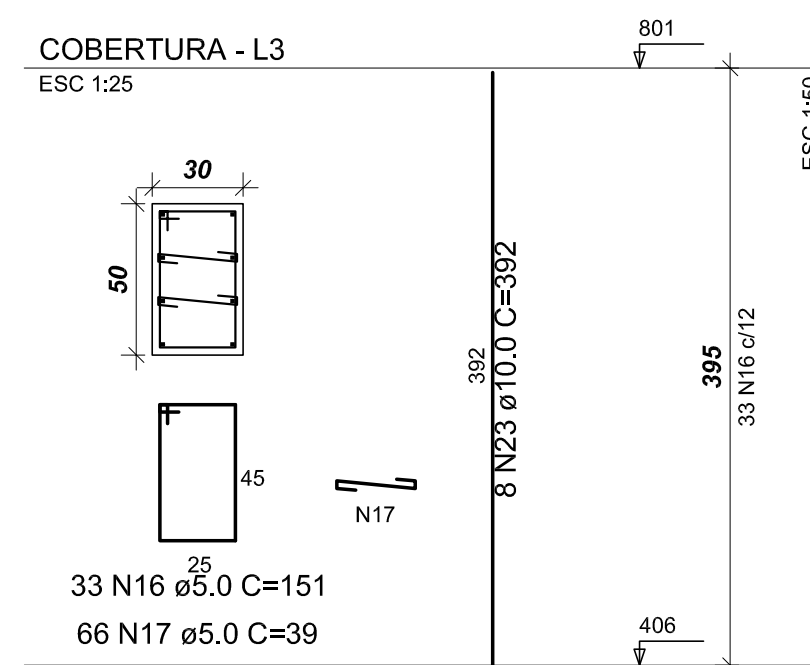
P5=P8=P9=P10=P16=P38=P50



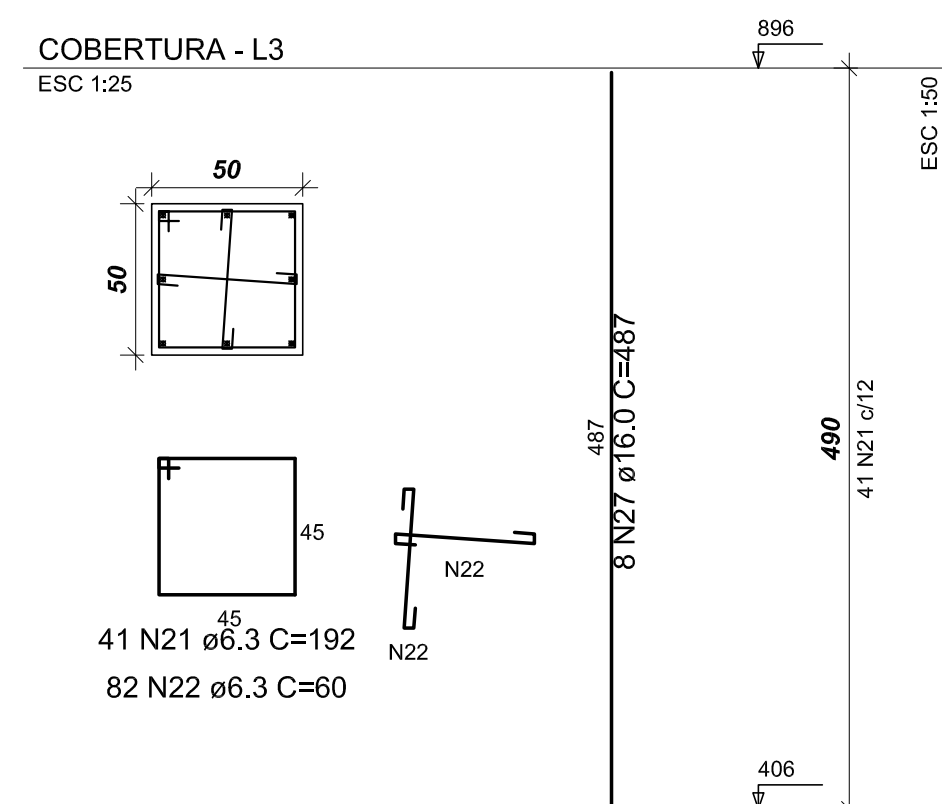
P6



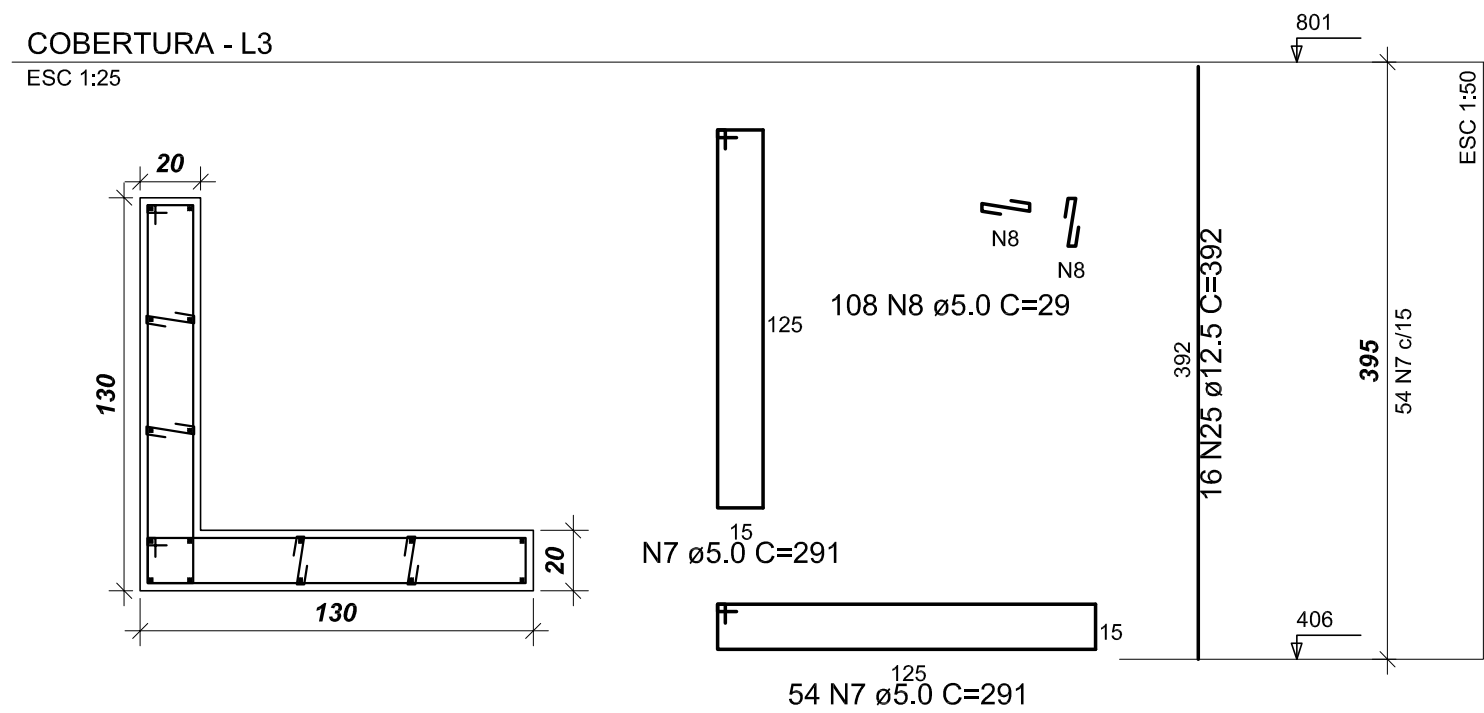
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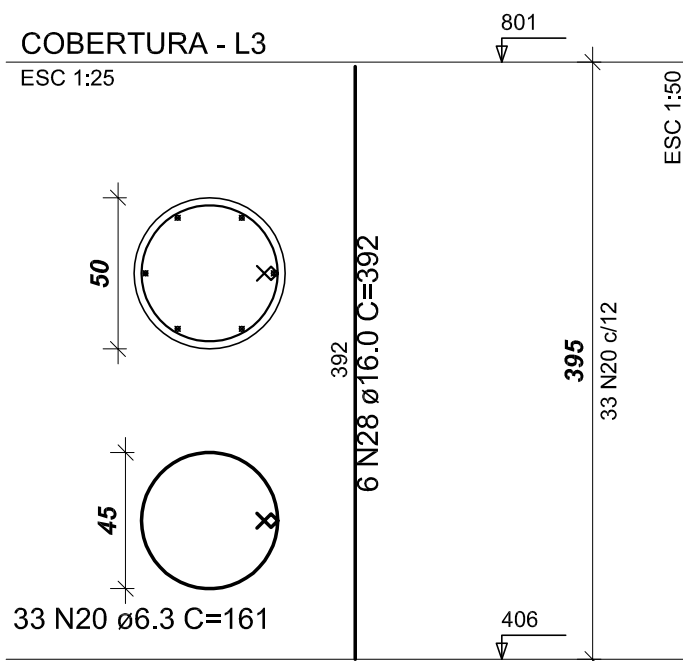
P65=P75=P76



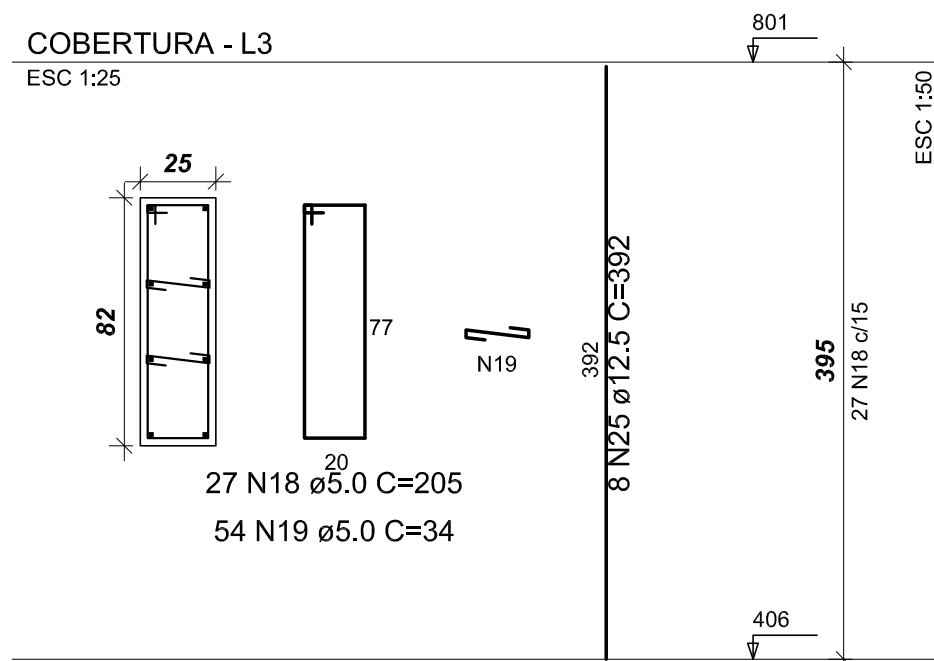
P7=P79



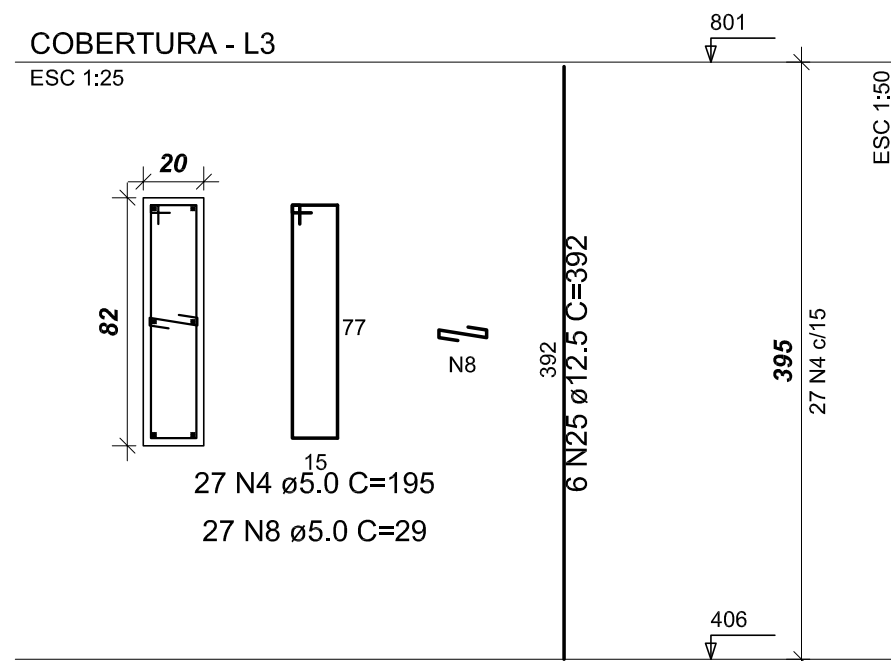
P74



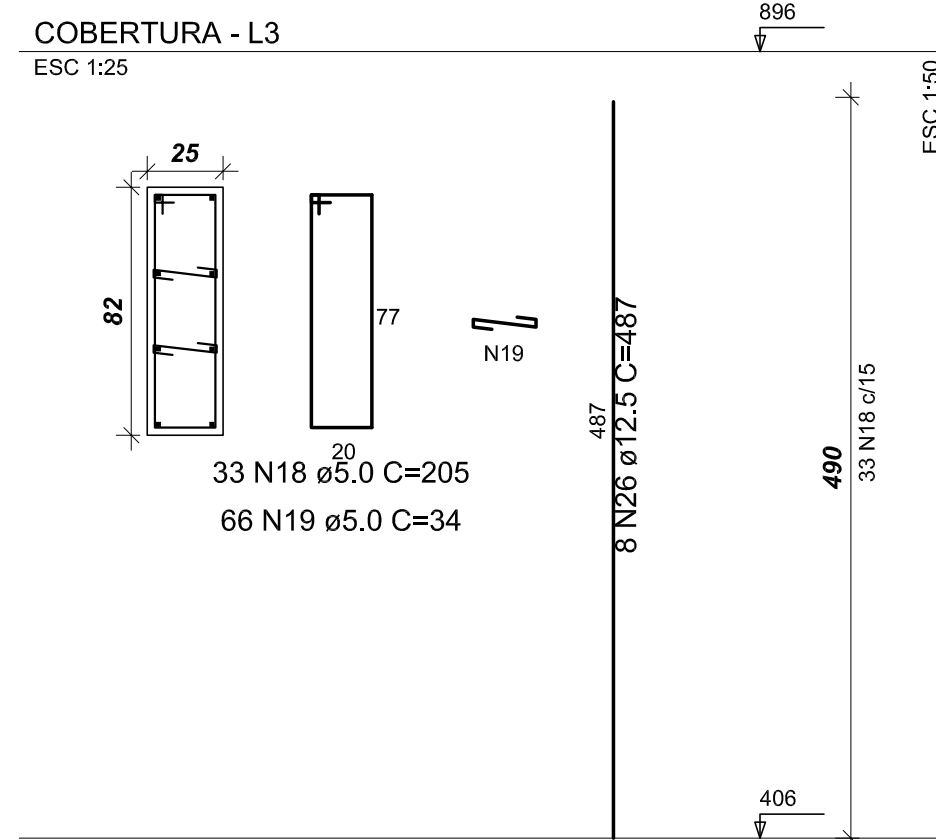
P80



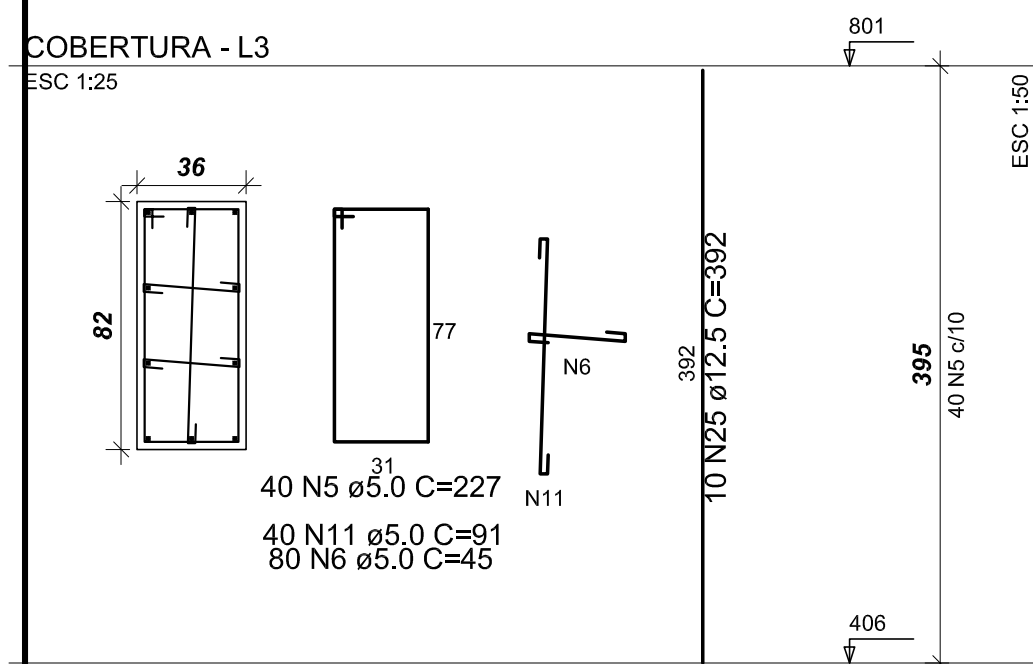
P81



P73



P71



P45=P58

