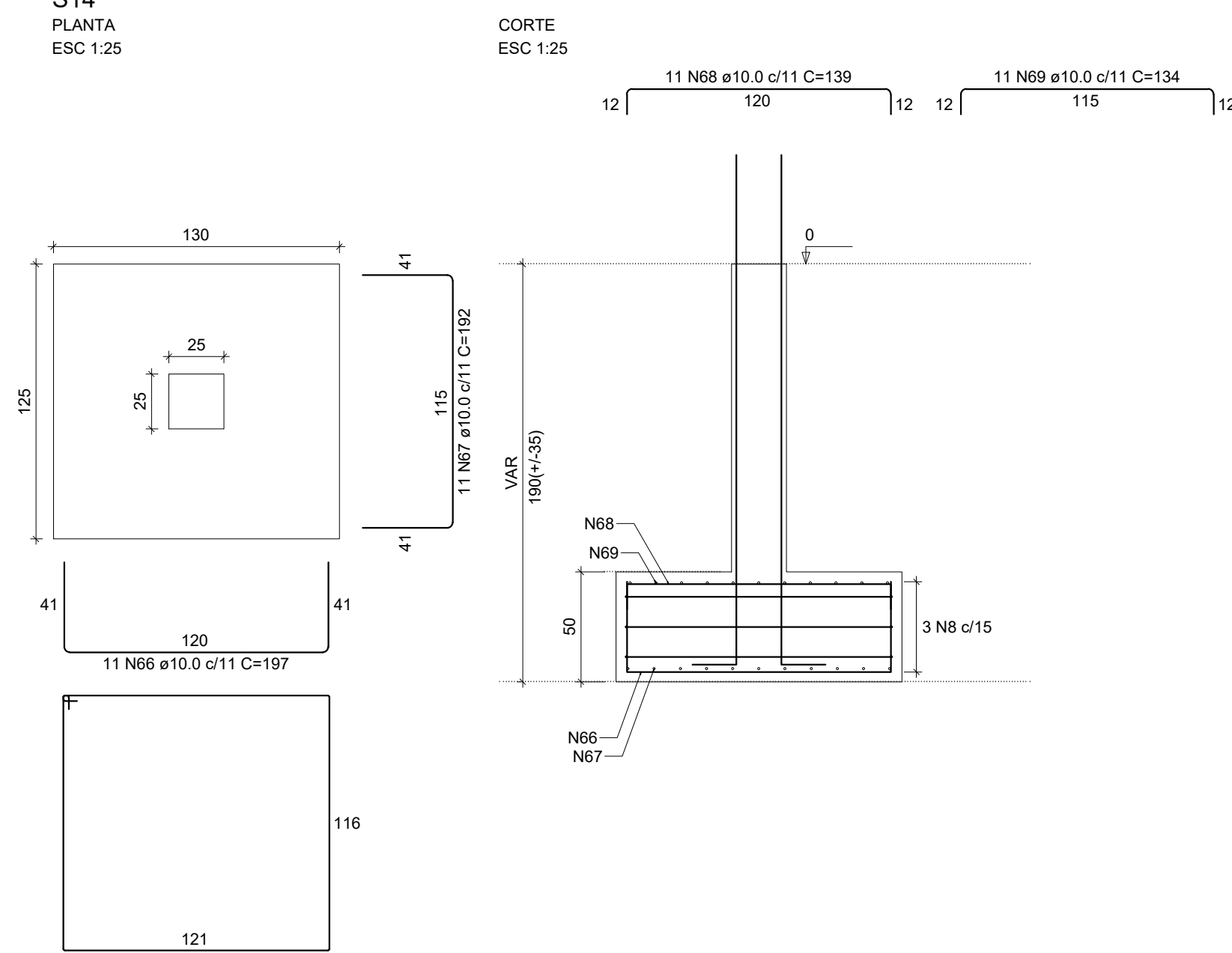
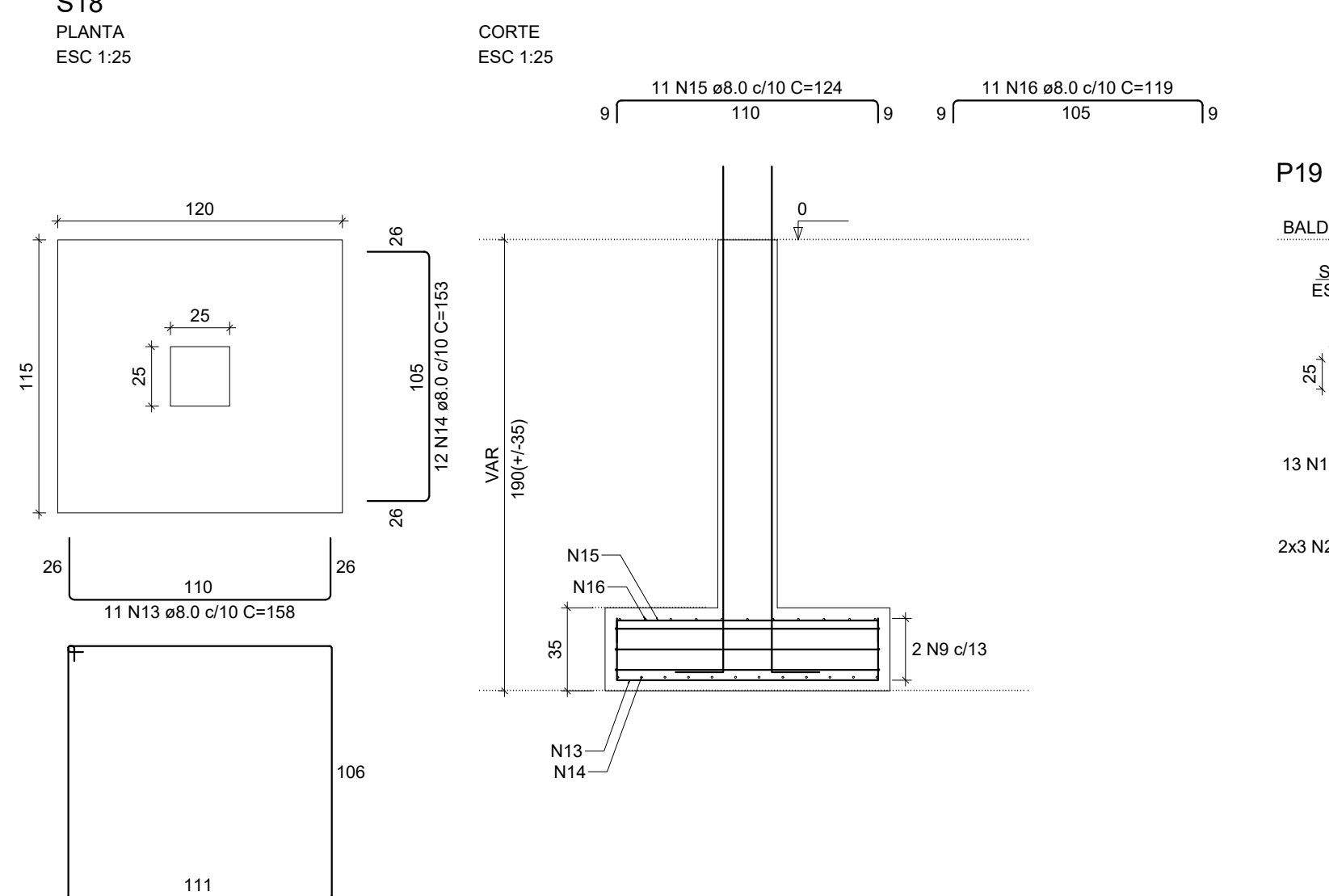


S14
PLANTA
ESC 1:25

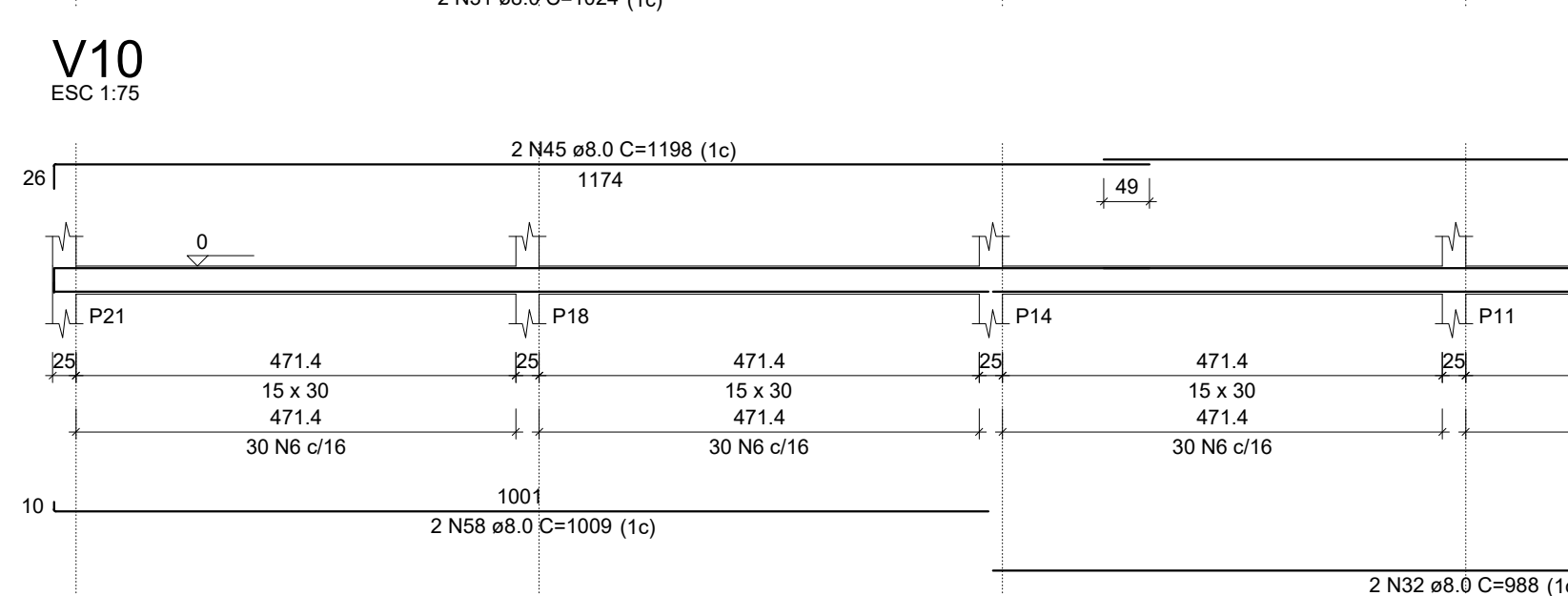
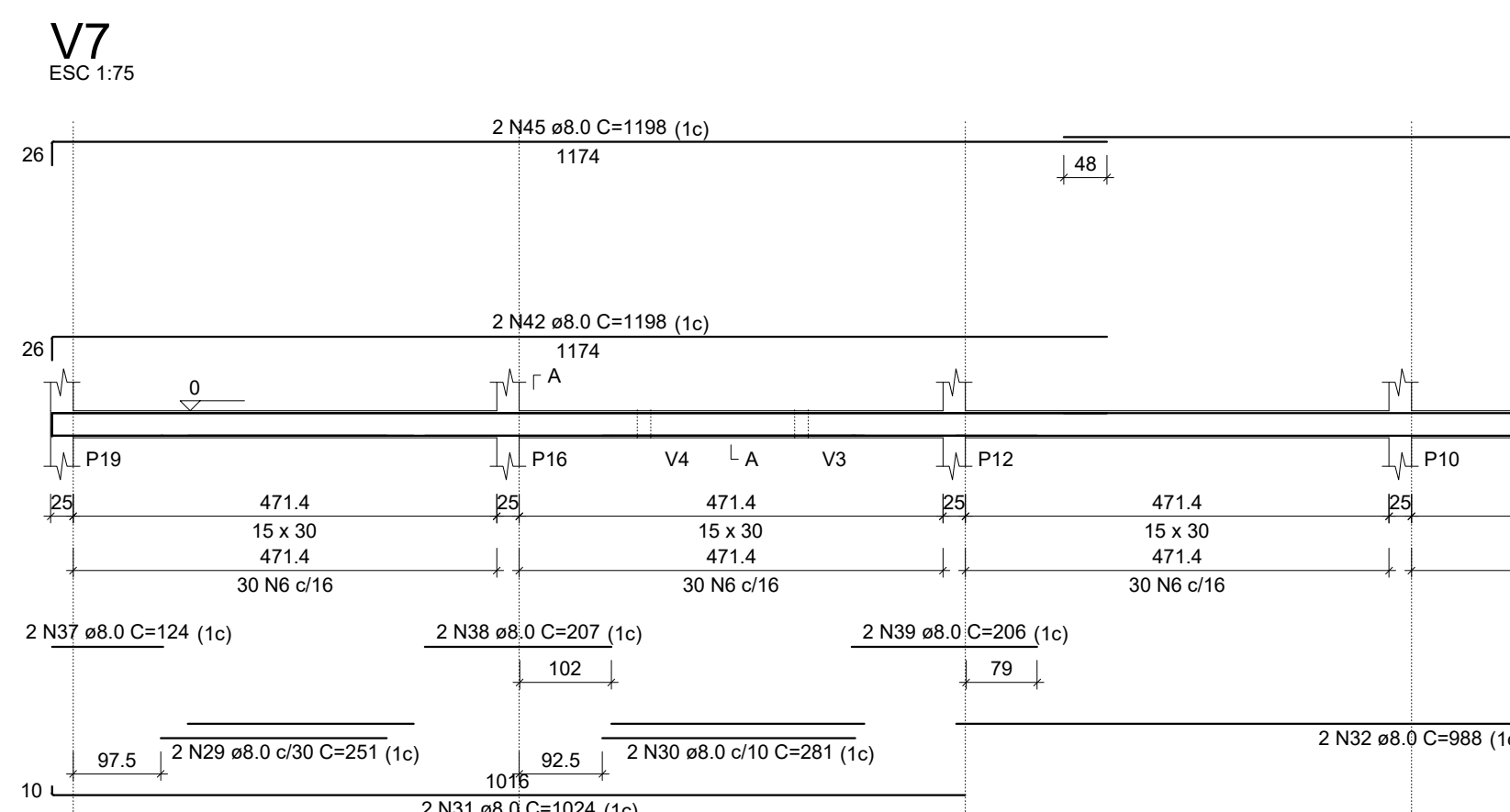
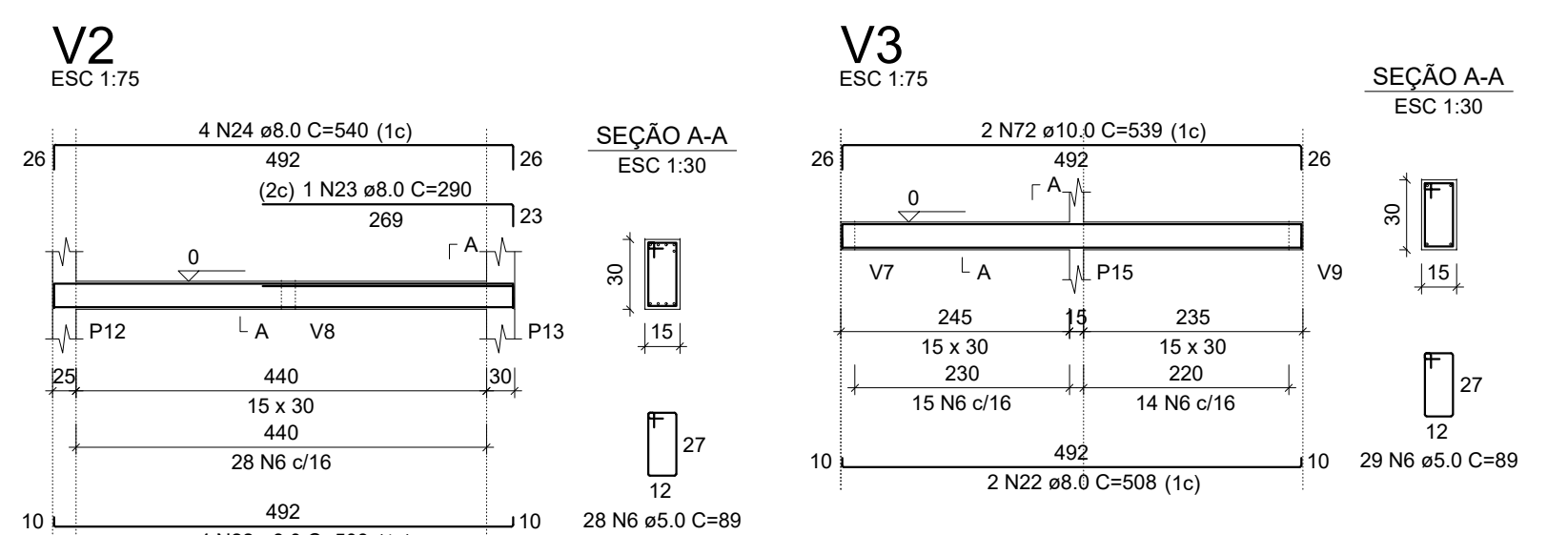


Solo compactado sobre a sapata
peso específico > 1600.00 kg/m³

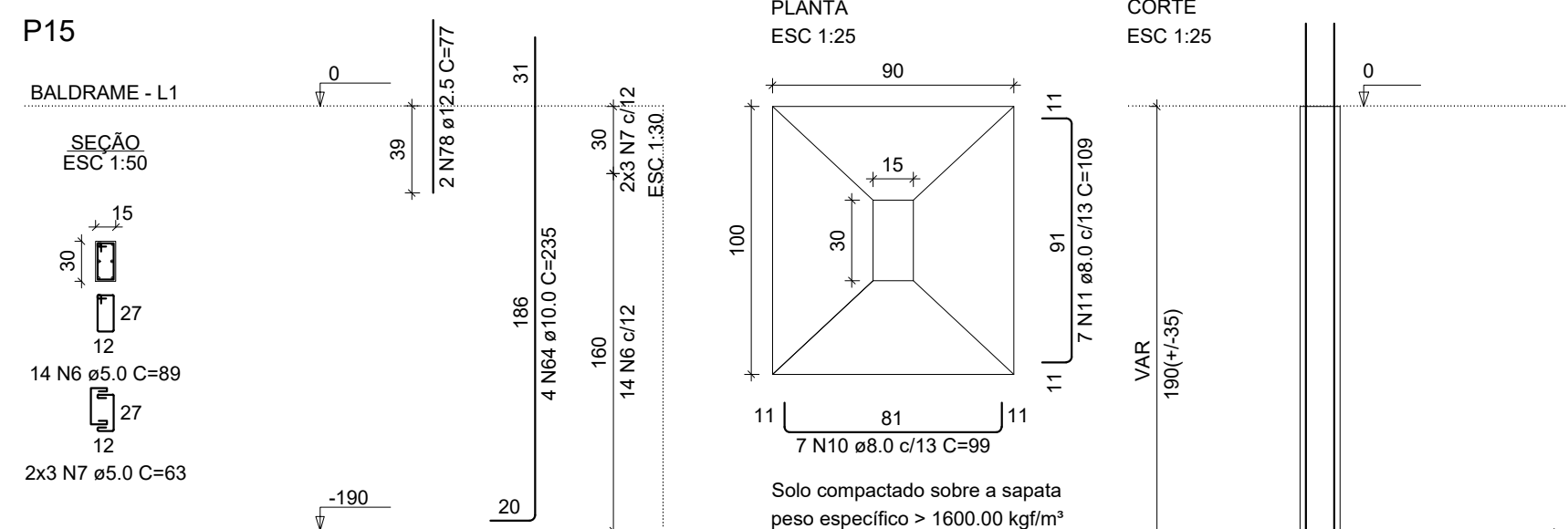
S18
PLANTA
ESC 1:25



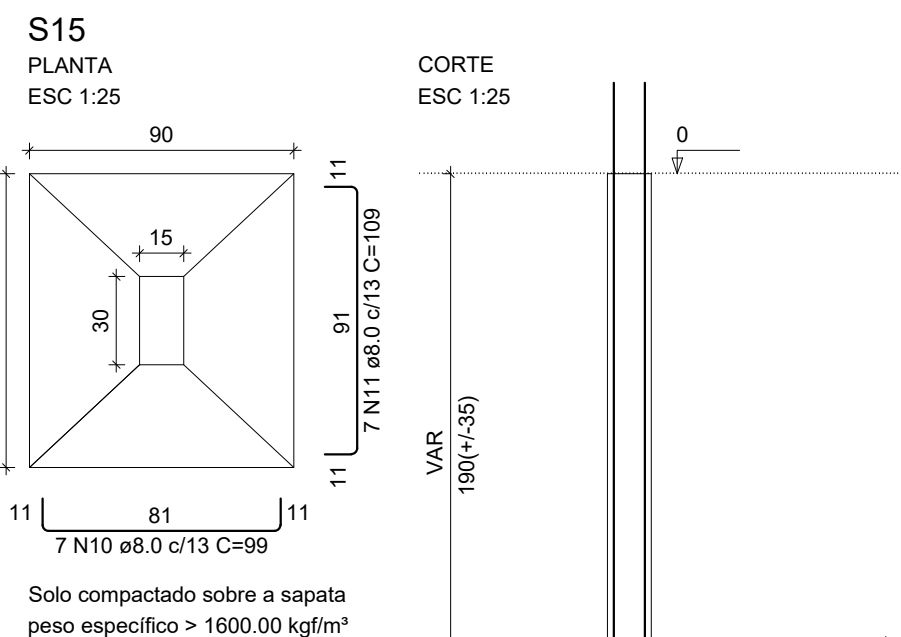
Solo compactado sobre a sapata
peso específico > 1600.00 kg/m³



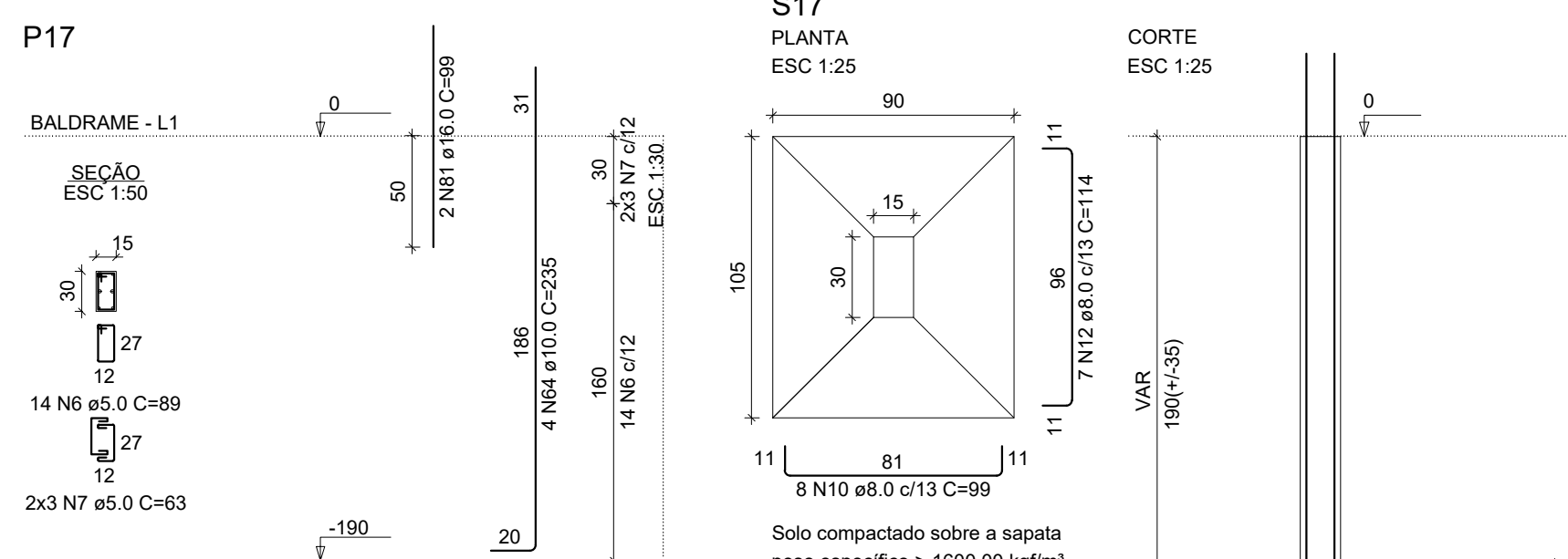
P15



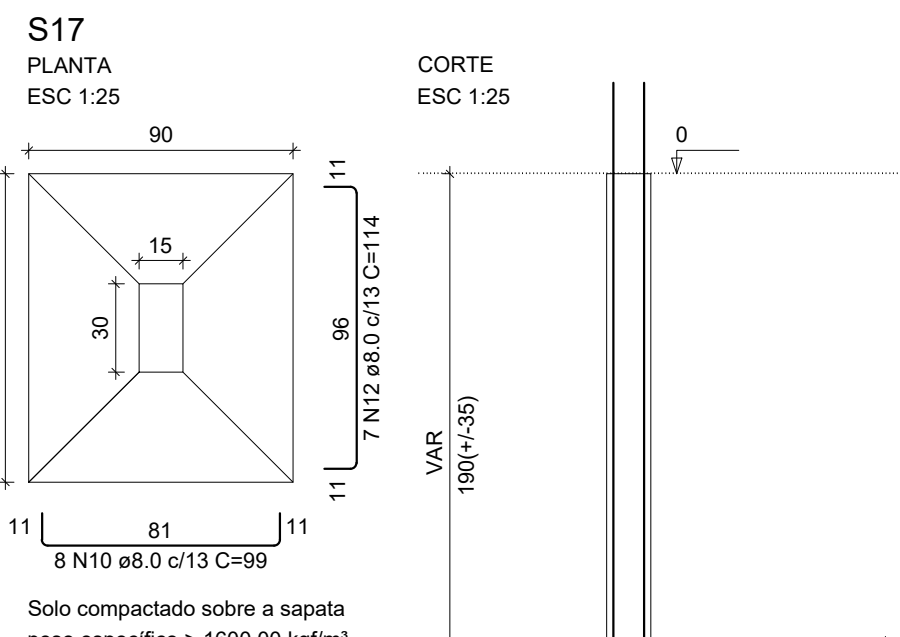
S15



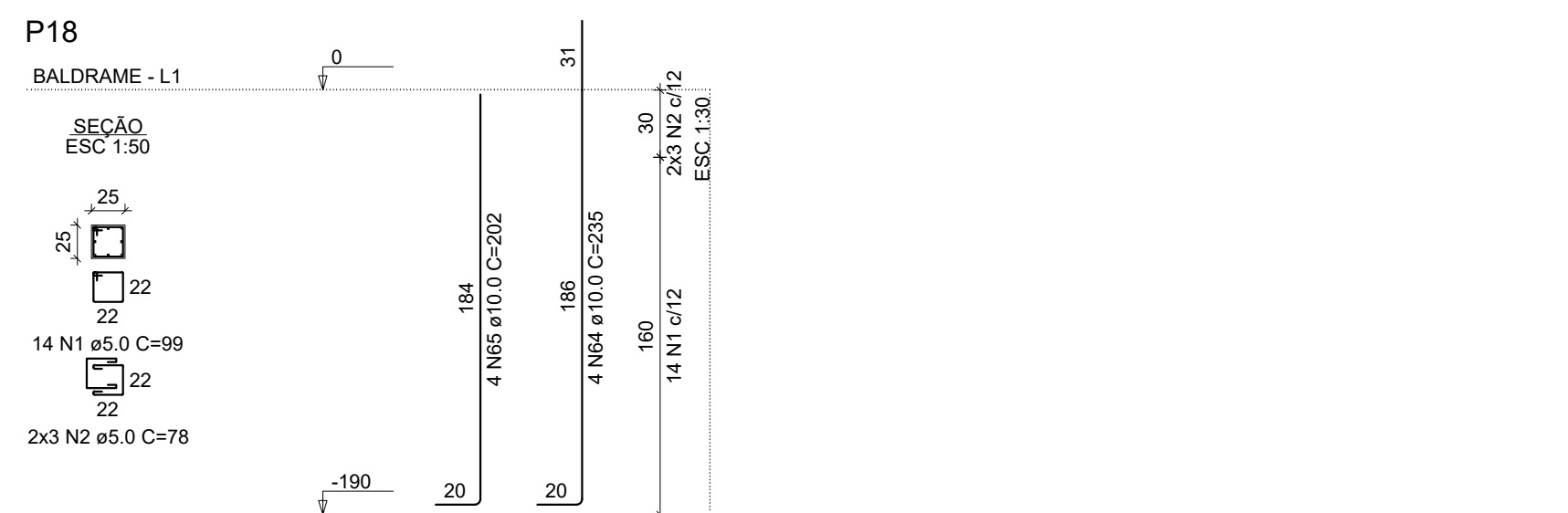
P17



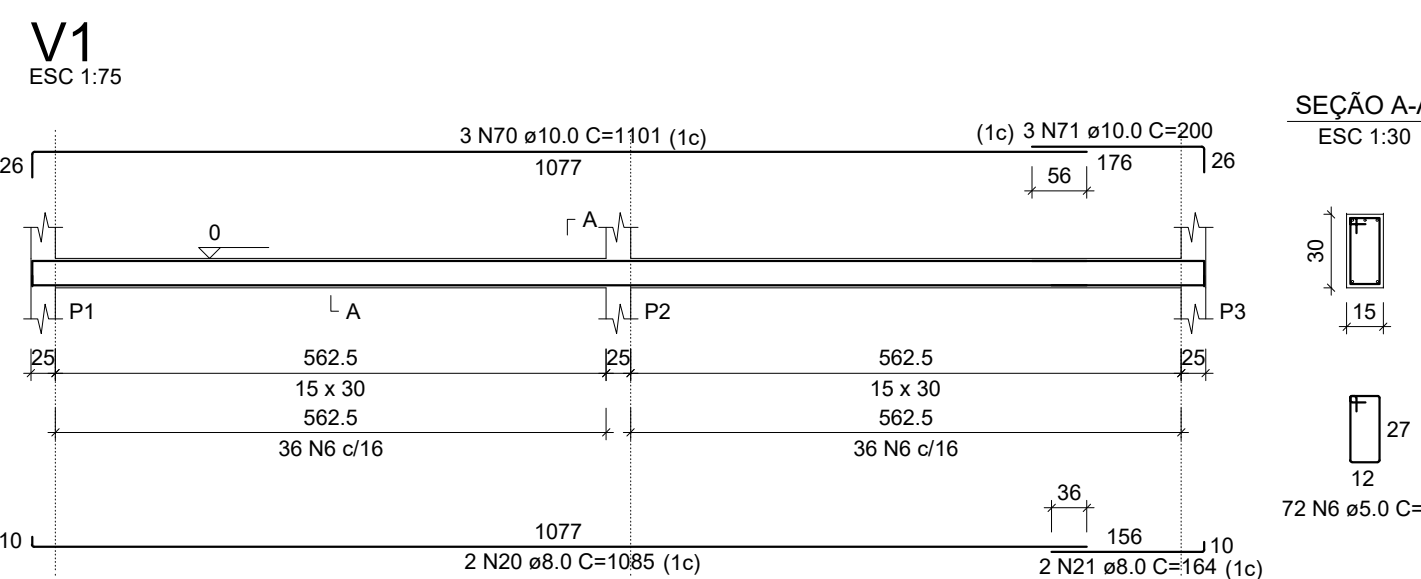
S17



P18



V1



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	344	89	30656
	2	5.0	108	78	8424
	3	5.0	19	74	1406
	4	5.0	34	129	4386
	5	5.0	2	58	116
	6	5.0	804	89	71556
	7	5.0	18	83	1494
	8	5.0	3	455	1455
	9	5.0	1	455	455
	10	8.0	15	99	1485
	11	8.0	7	109	763
	12	8.0	7	114	798
	13	8.0	11	124	1364
	14	8.0	12	153	1836
	15	8.0	11	124	1364
	16	8.0	11	119	1309
	17	8.0	22	119	2618
	18	8.0	11	134	1474
	19	8.0	10	129	1290
	20	8.0	4	1085	4340
	21	8.0	1	290	290
	22	8.0	10	508	5080
	23	8.0	1	273	273
	24	8.0	4	540	2160
	25	8.0	2	273	546
	26	8.0	2	305	610
	27	8.0	2	631	1262
	28	8.0	2	264	528
	29	8.0	2	231	462
	30	8.0	2	1024	2048
	31	8.0	1	868	868
	32	8.0	1	246	246
	33	8.0	1	246	246
	34	8.0	2	1003	2006
	35	8.0	2	913	1826
	36	8.0	2	124	248
	37	8.0	2	113	226
	38	8.0	2	206	412
	39	8.0	2	228	456
	40	8.0	2	185	370
	41	8.0	2	1198	2396
	42	8.0	1	841	841
	43	8.0	1	755	755
	44	8.0	4	1200	4800
	45	8.0	4	1198	4792
	46	8.0	2	534	1068
	47	8.0	2	1059	2118
	48	8.0	2	566	1132
	49	8.0	2	534	1068
	50	8.0	2	513	1026
	51	8.0	1	219	219
	52	8.0	1	513	513
	53	8.0	2	1031	2062
	54	8.0	1	74	74
	55	8.0	2	231	462
	56	8.0	2	694	1388
	57	8.0	2	1063	2126
	58	8.0	2	1009	2018
	59	8.0	2	1101	2202
	60	8.0	2	103	206
	61	10.0	58	301	17458
	62	10.0	40	298	11920
	63	10.0	4	62	248
	64	10.0	20	235	4700
	65	10.0	4	202	808
	66	10.0	11	197	2167
	67	10.0	11	192	2112
	68	10.0	11	139	1529
	69	10.0	11	124	1364
	70	10.0	5	1101	5505
	71	10.0	3	200	600
	72	10.0	2	539	1078
	73	10.0	1	215	215
	74	10.0	1	712	712
	75	10.0	1	285	285
	76	10.0	2	204	408
	77	12.5	12	309	3708
	78	12.5	2	77	154
	79	12.5	4	242	968
	80	12.5	2	557	1114
	81	16.0	2	99	198

ACO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barra)	PESO + 10% (kg)
CA50	8.0	757.3	70	328.7
	10.0	500.2	46	339.2
	12.5	59.4	6	63
	16.0	2	1	3.4
CA80	5.0	1251.3	115	212.1

PESO TOTAL (kg)

CA50	734.3
CA80	212.1

Volume de concreto (C-30) = 9.40 m³

Volume de concreto (C-25) = 2.49 m³

Área de forma = 161.56 m²