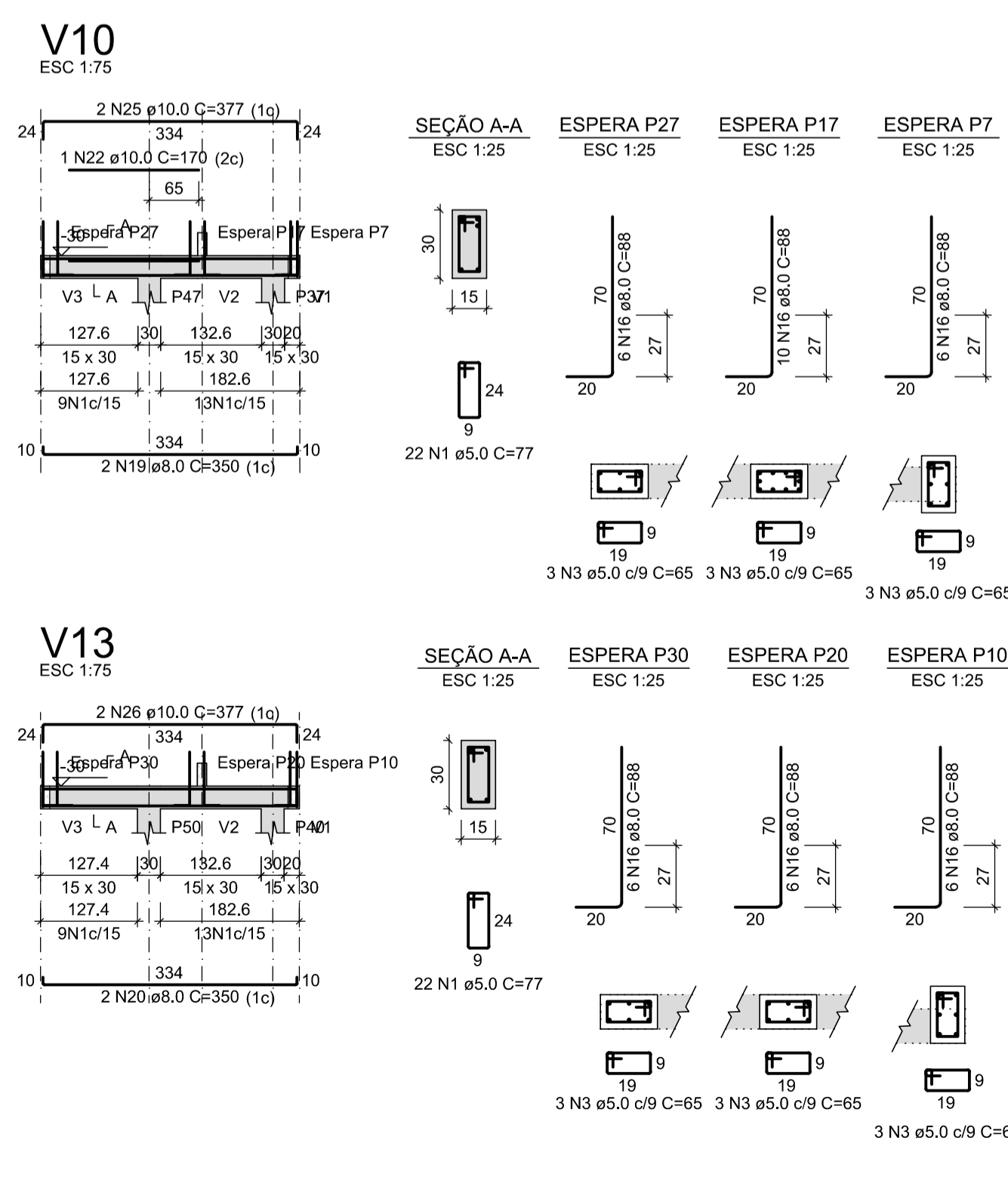
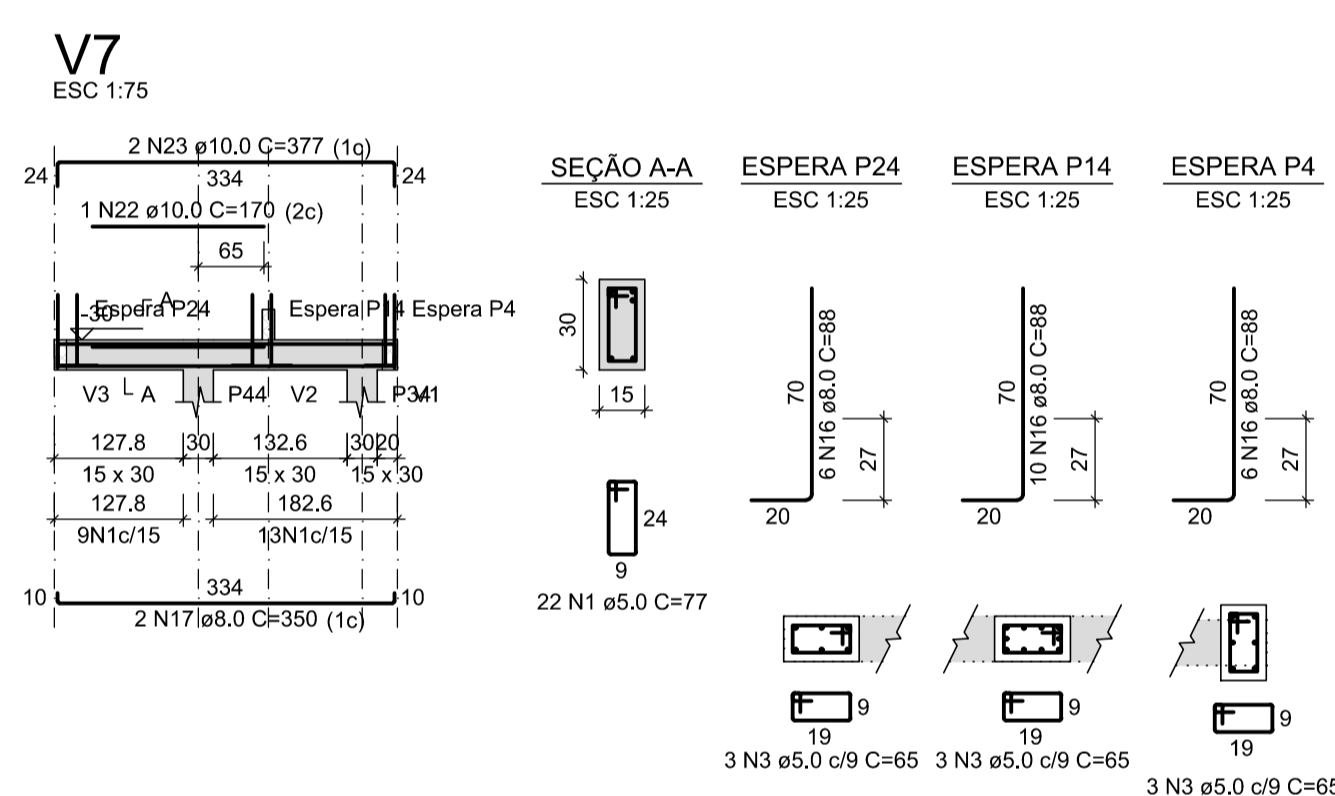
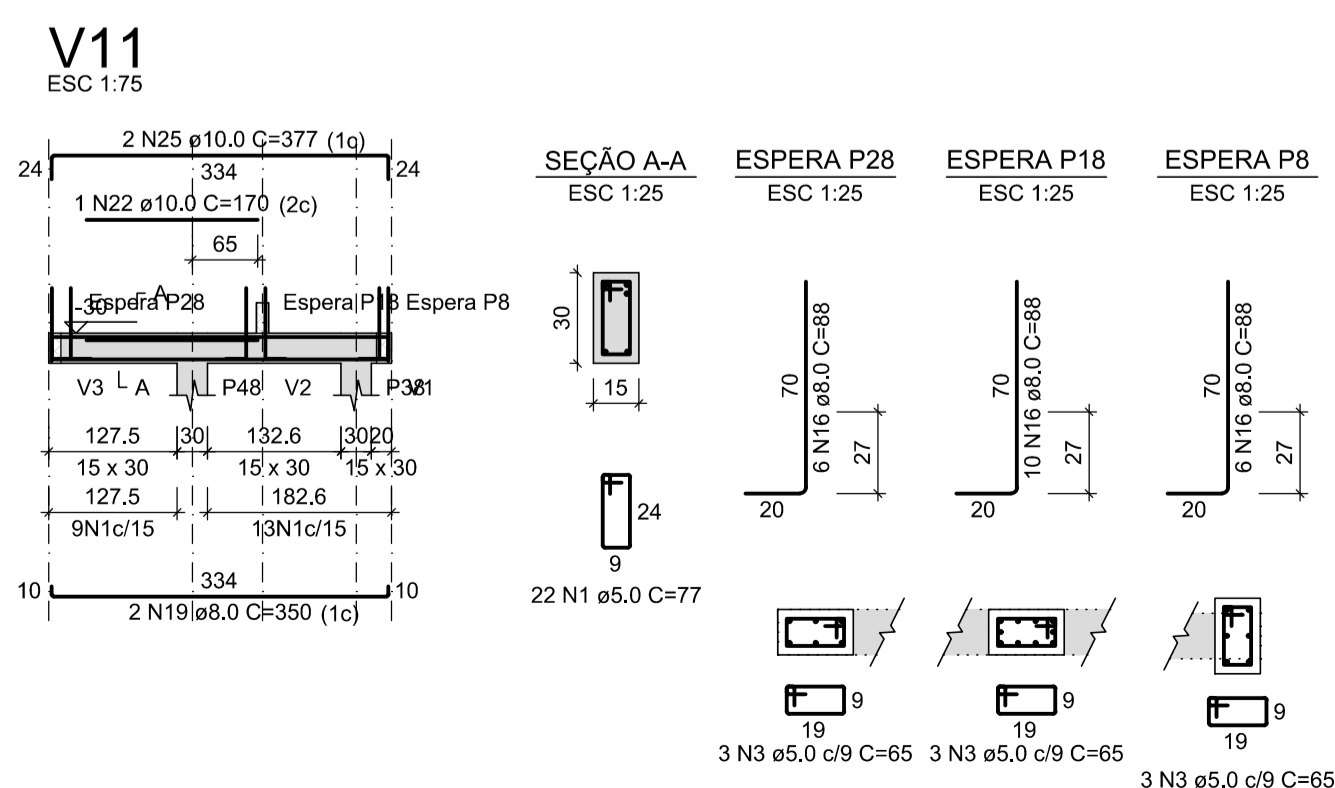
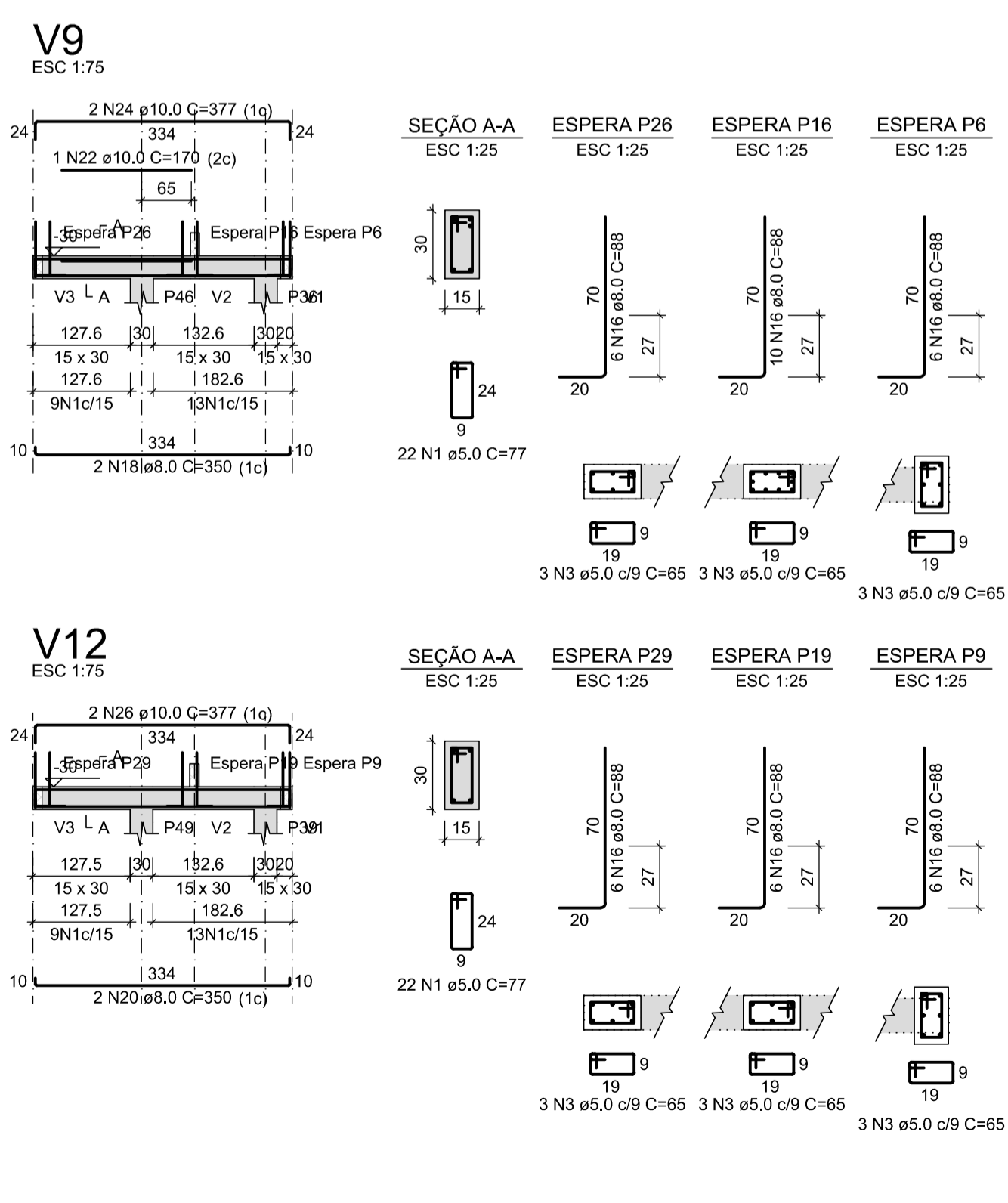
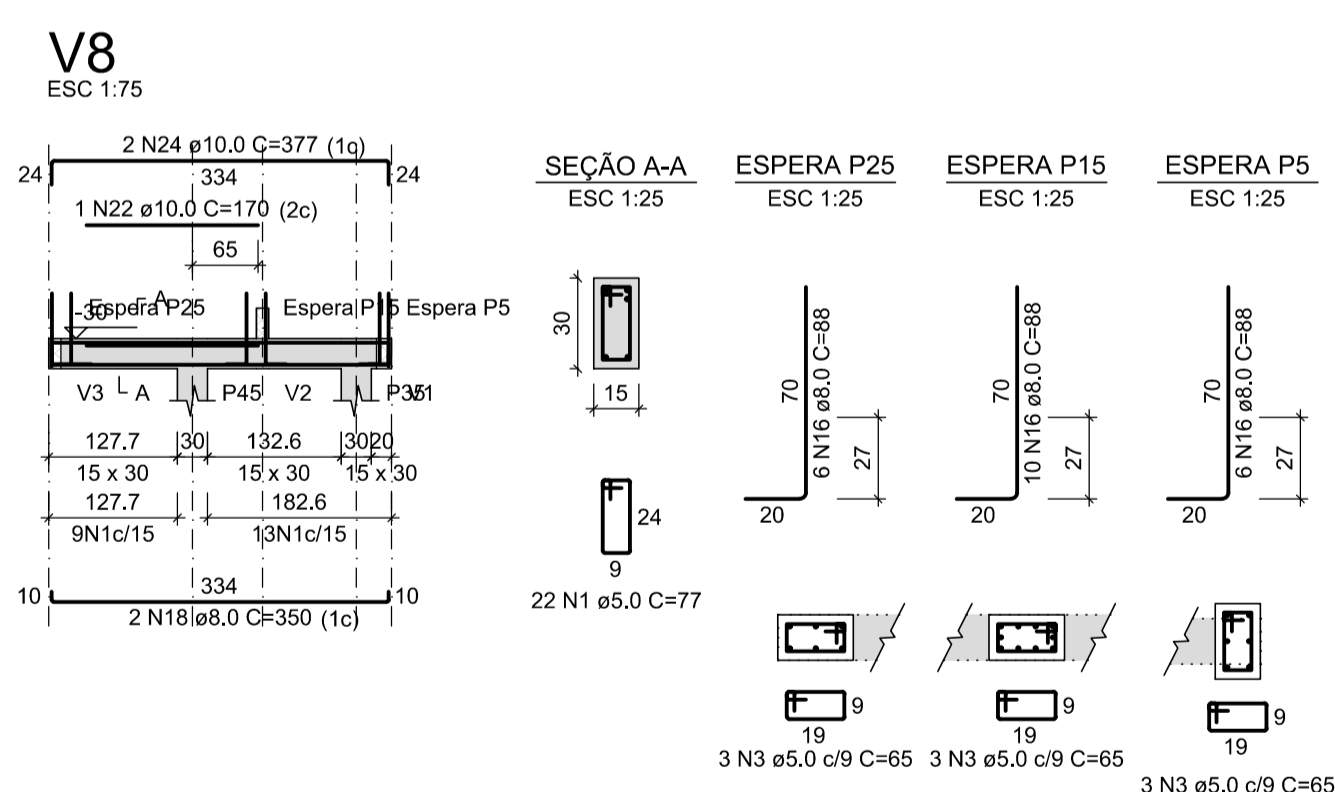
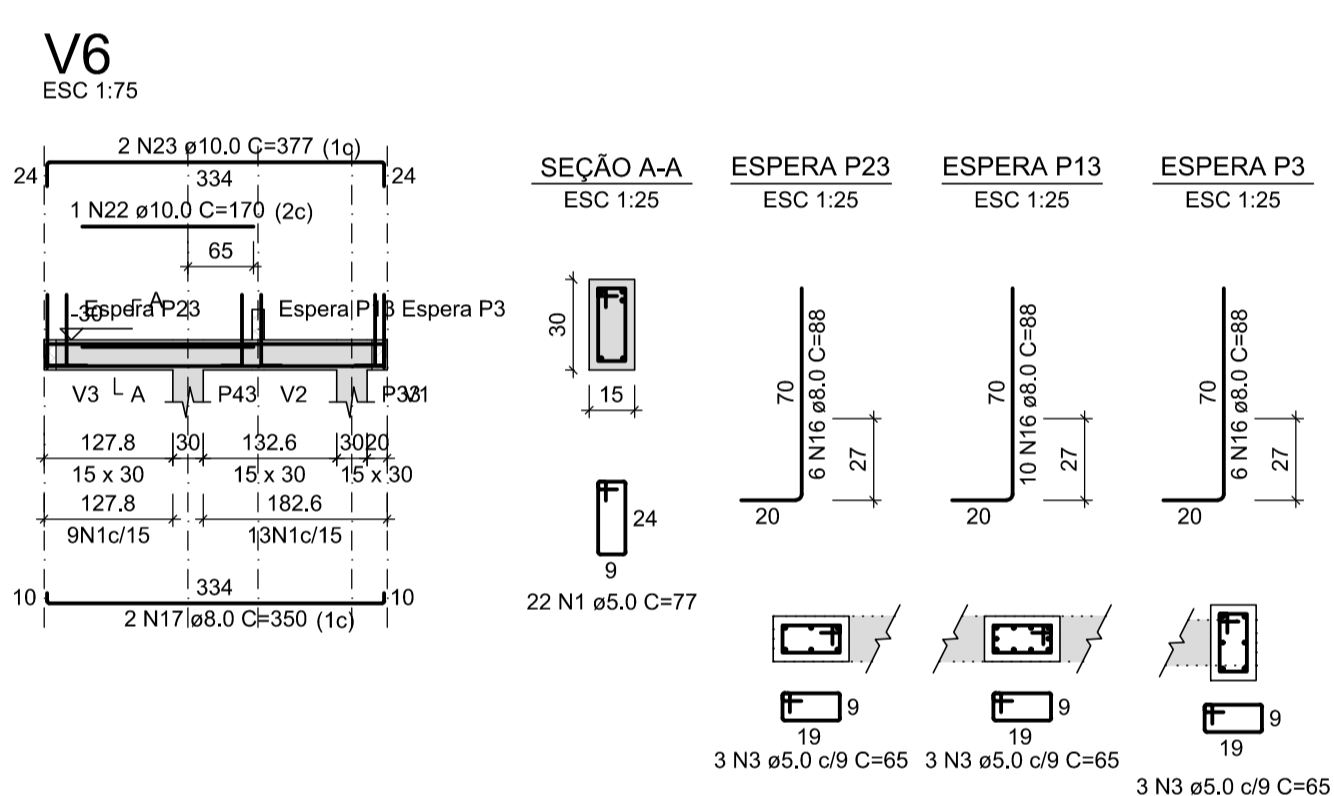
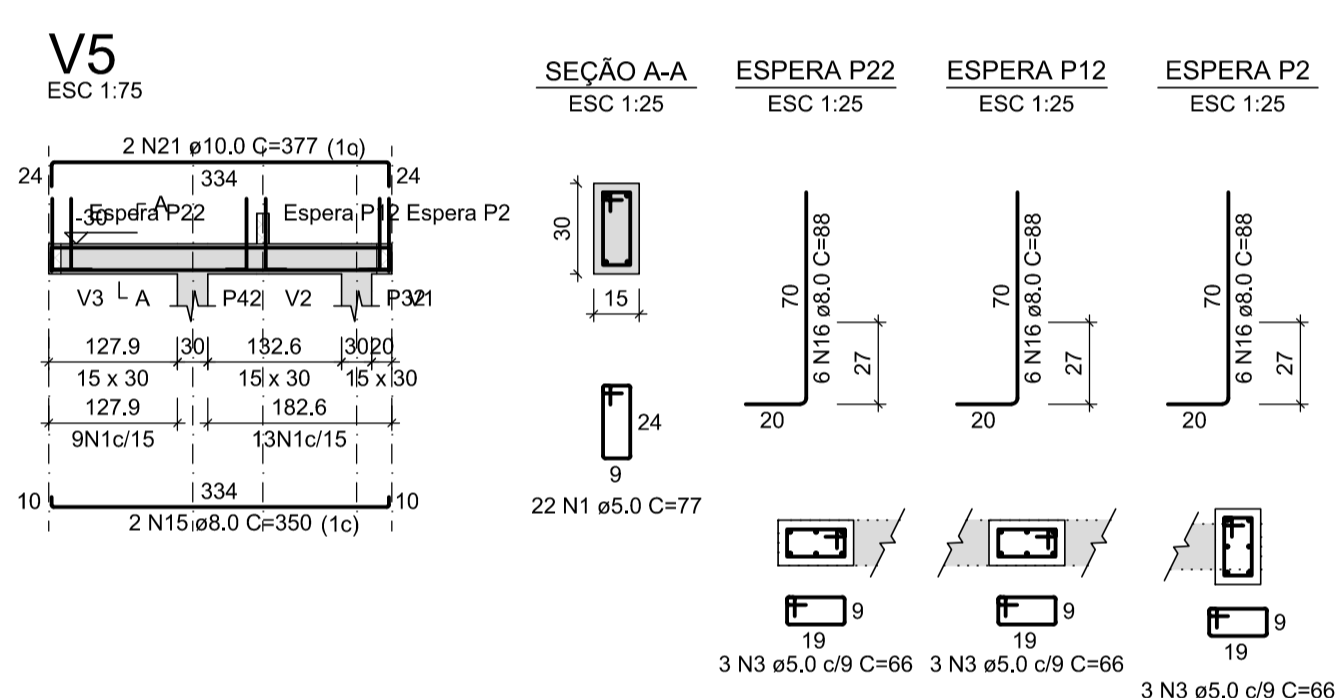
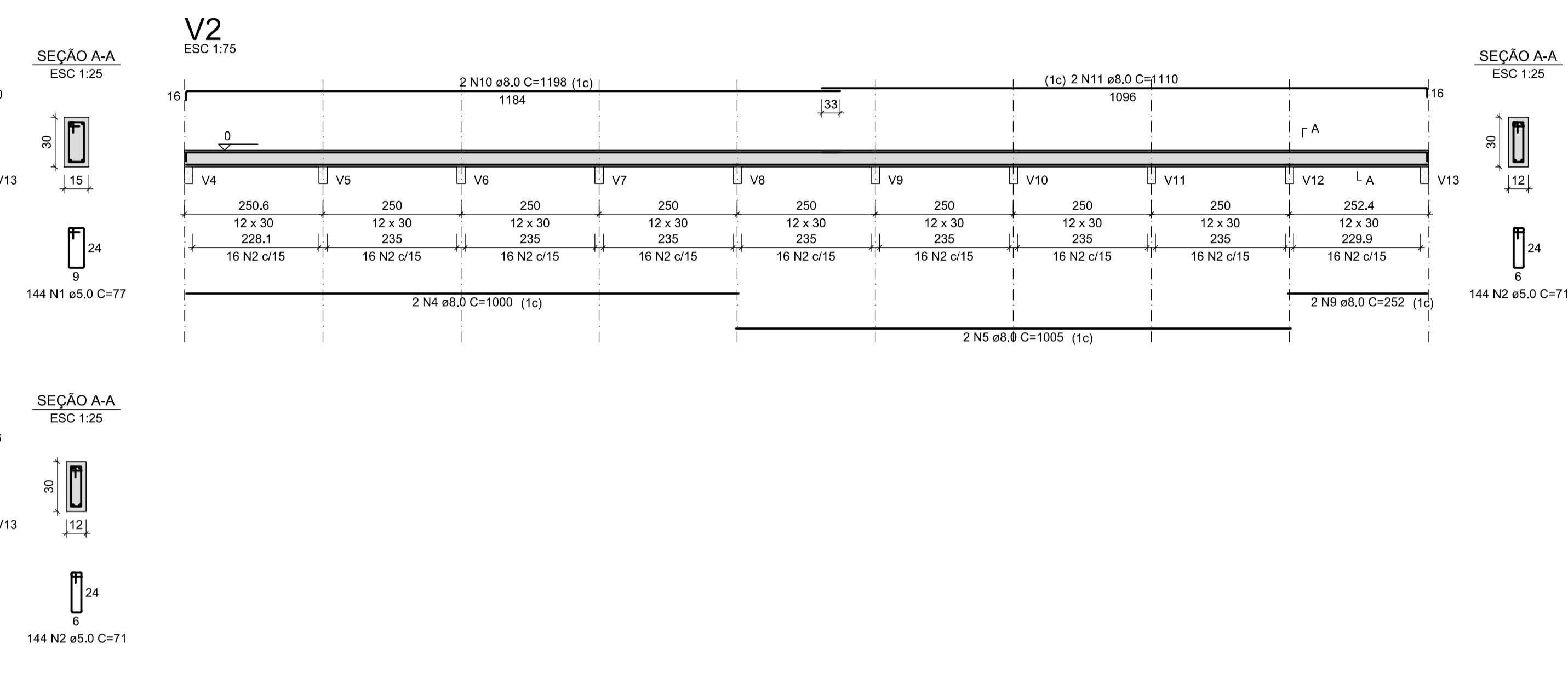
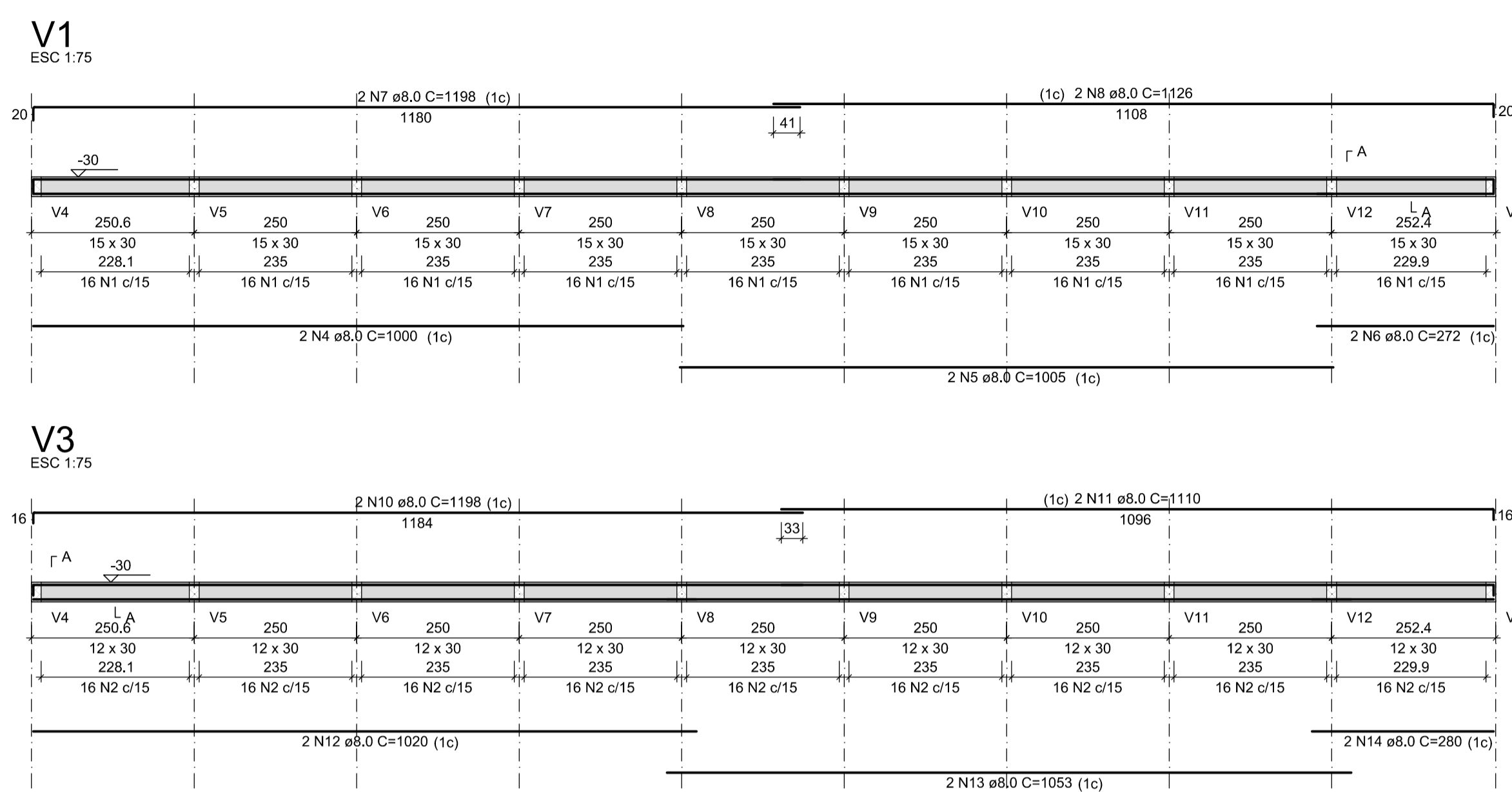


VIGAS DO NÍVEL DO SOLO (DECK E MURO)



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	342	77	26334
V2	2	5.0	288	71	20448
V3	3	5.0	81	66	5346
V4	4	8.0	1000	4000	40000
V5	5	8.0	1005	4020	40200
V6	6	8.0	272	544	14784
V7	7	8.0	1198	2396	23960
V8	8	8.0	1126	2252	22520
V9	9	8.0	252	504	12600
V10	10	8.0	1198	4792	47920
V11	11	8.0	1110	4440	44400
V12	12	8.0	1020	2040	20400
V13	13	8.0	1053	2106	21060
V14	14	8.0	280	560	11200
V15	15	8.0	351	702	14040
V16	16	8.0	186	88	16368
V17	17	8.0	4	350	1400
V18	18	8.0	4	350	1400
V19	19	8.0	4	350	1400
V20	20	8.0	4	350	1400
V21	21	10.0	2	378	756
V22	22	10.0	6	170	1020
V23	23	10.0	4	377	1508
V24	24	10.0	4	377	1508
V25	25	10.0	4	377	1508
V26	26	10.0	4	377	1508

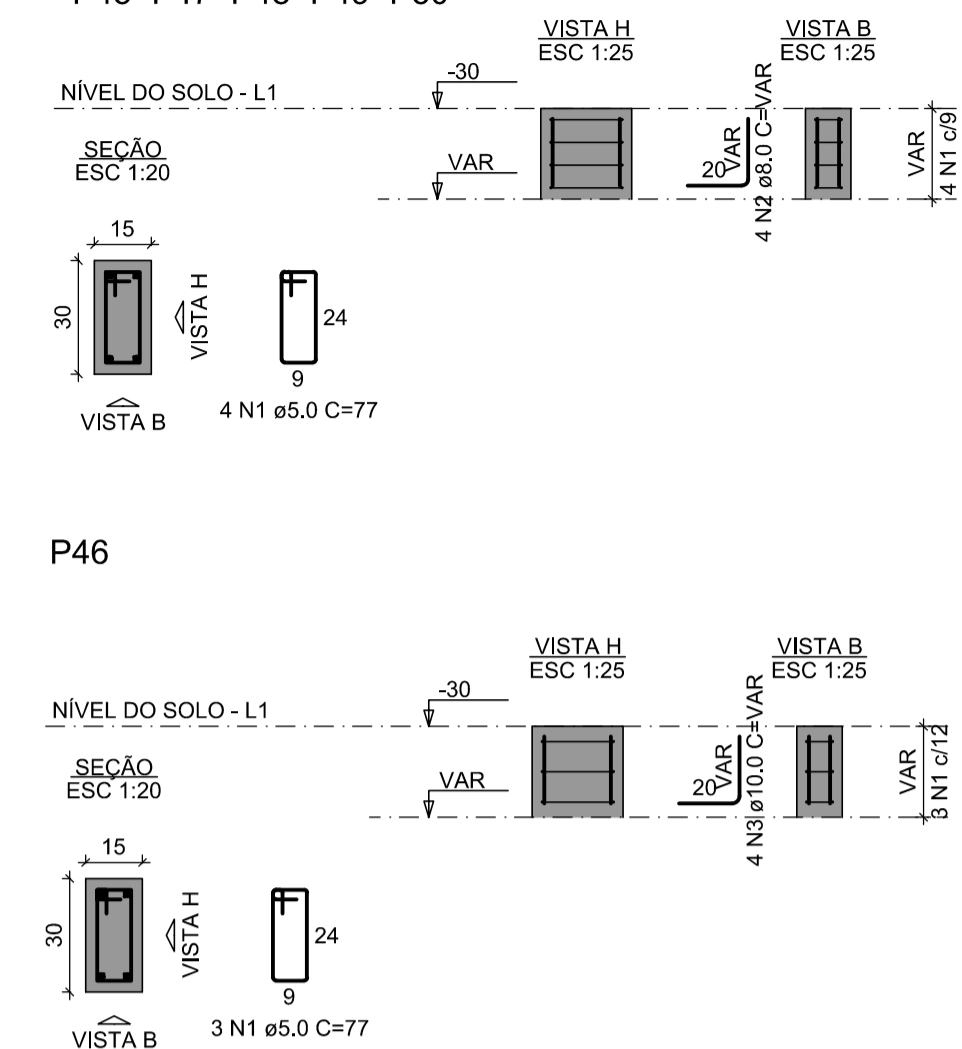
RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	526.1	207.6
CA60	10.0	85.6	52.8
CA60	5.0	543.4	83.8
PESO TOTAL (kg)			280.4
CA50			260.4
CA60			83.8

Volume de concreto (C-25) = 4.17 m³
Área de forma = 74.86 m²

PILARES DO NÍVEL DO SOLO (DECK E MURO)

P32=P33=P34=P35=P36=P37=
=P38=P39=P40=P41=P42=P43=P44=
=P45=P47=P48=P49=P50



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	71	77	5047
CA50	2	8.0	68	VAR	VAR
CA50	3	10.0	4	VAR	VAR

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	30.4	12
CA60	5.0	60.8	9.4
PESO TOTAL (kg)			13
CA50			13
CA60			9.4

Volume de concreto (C-25) = 0.27 m³
Área de forma = 5.40 m²

DATA DA ÚLTIMA ALTERAÇÃO DISCRIMINAÇÃO DA ALTERAÇÃO RESPONSÁVEL

CARIMBOS E APROVAÇÕES

ESTRUTURAL

MUNICÍPIO **ANTÔNIO CARLOS - SC**

OBRA REFORMA ESCOLA - LOURO - NÚCLEO MUNICIPAL PROF. XÊNIA GOEDERT KREMER
CONTEÚDO DECK E MURO TÉRREO (NÍVEL DO SOLO) ARMADURA DAS VIGAS E PILARES

PROJETO Eng. Civil Virginia Maria Wolff Junckes
CREA - SC 37928-1

DESENHO Virginia ESCALA Indicada DATA DEZ/2021 ÁREA 76,60m² PRANCHA 07