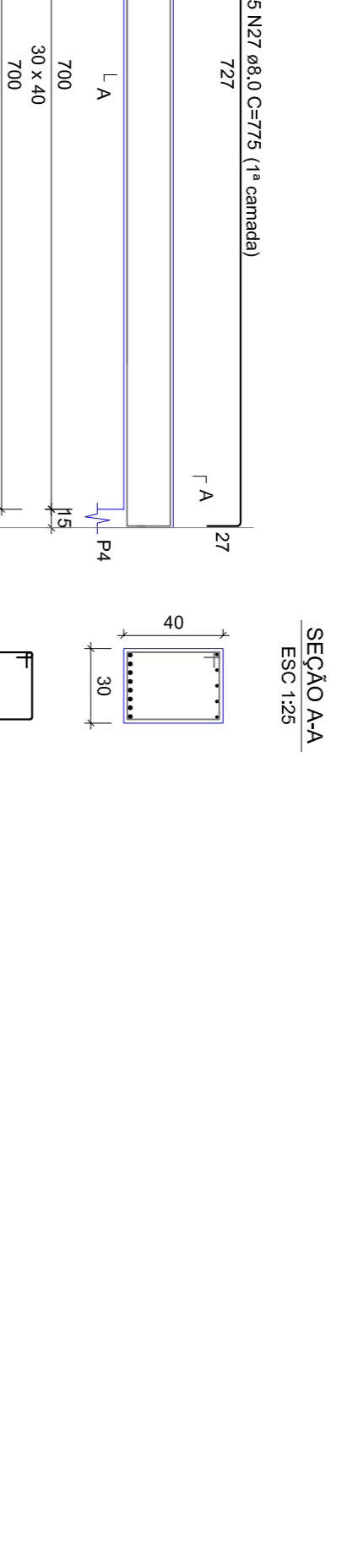
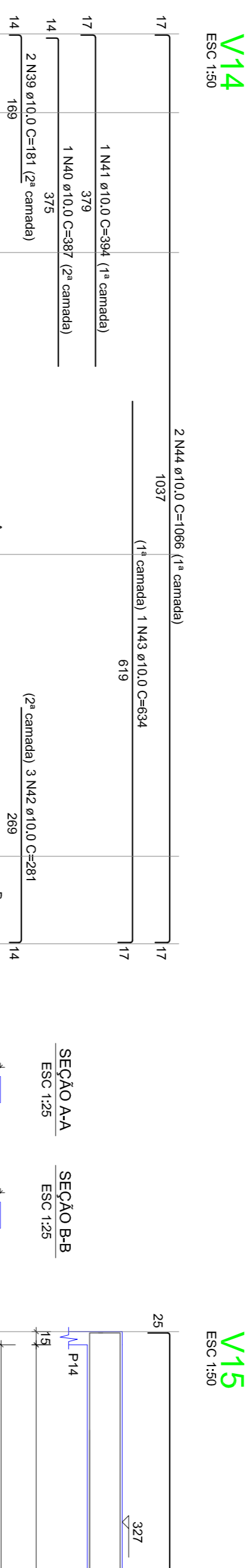


RELACÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	CUMT (cm)	C.TOTAL (cm)
CA50	1	4.2	641	69	44238
	2	4.2	163	69	11387
	3	4.2	140	138	19480
	4	4.2	58	138	8016
	5	4.2	14	325	4570
	6	6.3	4	95	380
	7	7	6.3	2	95
CA60	1	6.3	11	205	2255
	2	6.3	1	383	4110
	3	6.3	2	383	766
	4	11	2	484	968
	5	13	2	484	968
	6	13	2	145	290
	7	13	2	145	290

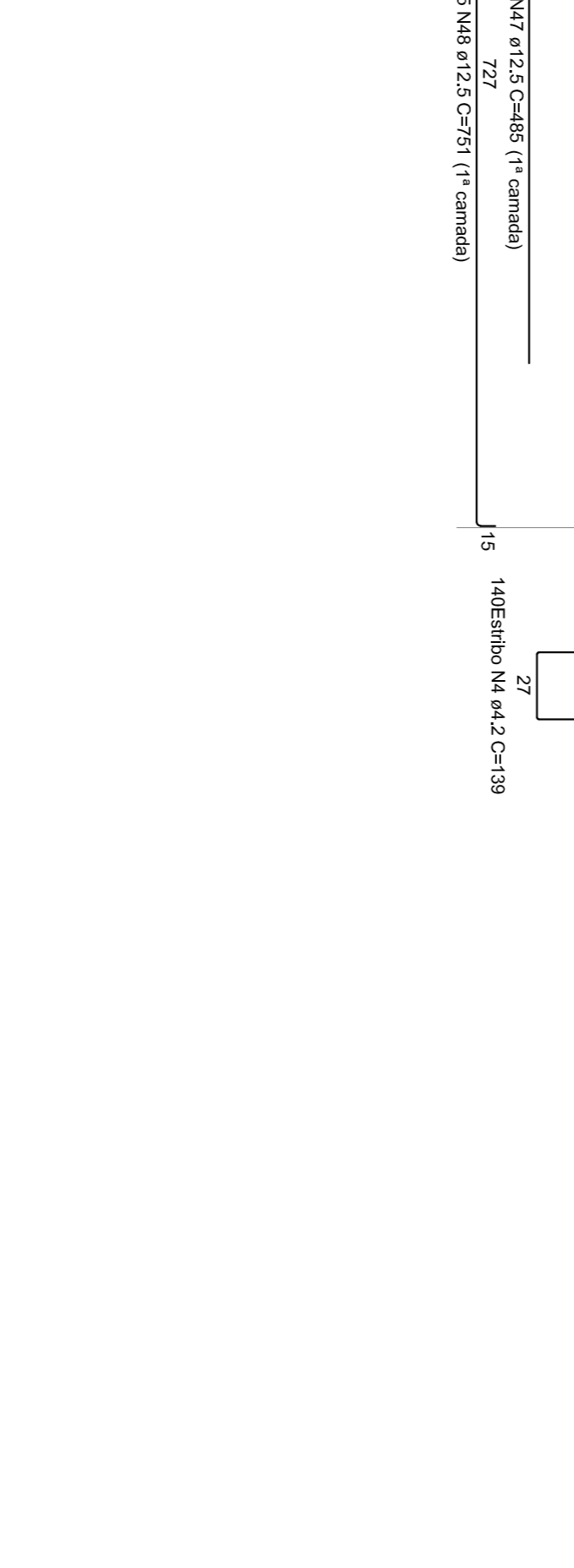
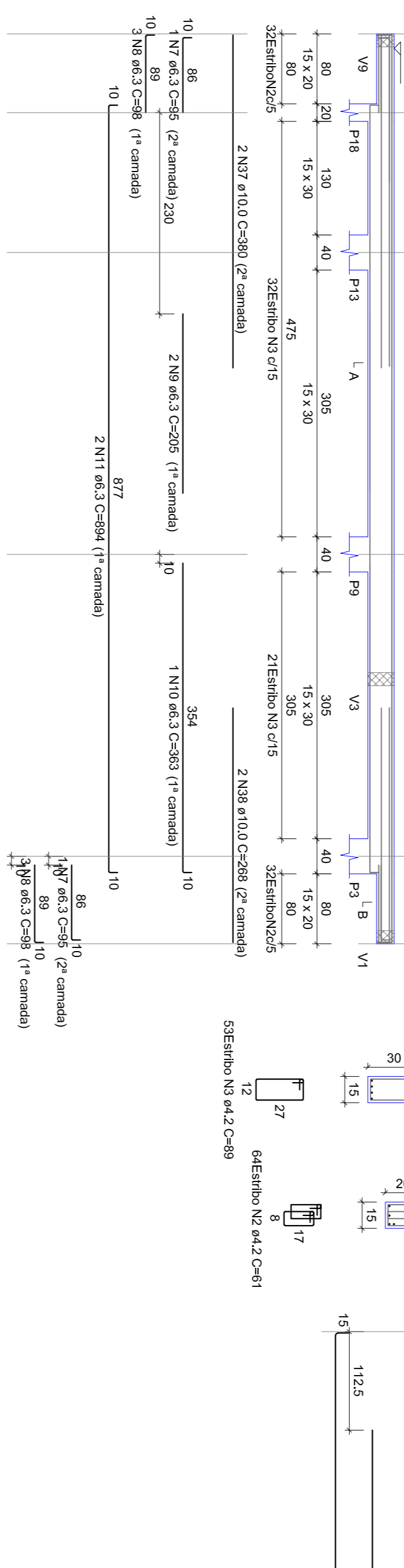
V9 ESC:150 V11 ESC:150 V14 ESC:150 V18 ESC:125



RELACÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	CUMT (cm)	C.TOTAL (cm)
CA50	1	8.3	78	7	20
	2	10.0	1585	15	107
	3	12.5	52	15	55
	4	12.5	1023	5	123
	5	5.0	97	9	43
	6	5.0	1	10	5
	7	5.0	1	10	5
CA60	1	8.3	1	10	5
	2	10.0	1	10	5
	3	12.5	1	10	5
	4	12.5	1	10	5
	5	5.0	1	10	5
	6	5.0	1	10	5
	7	5.0	1	10	5

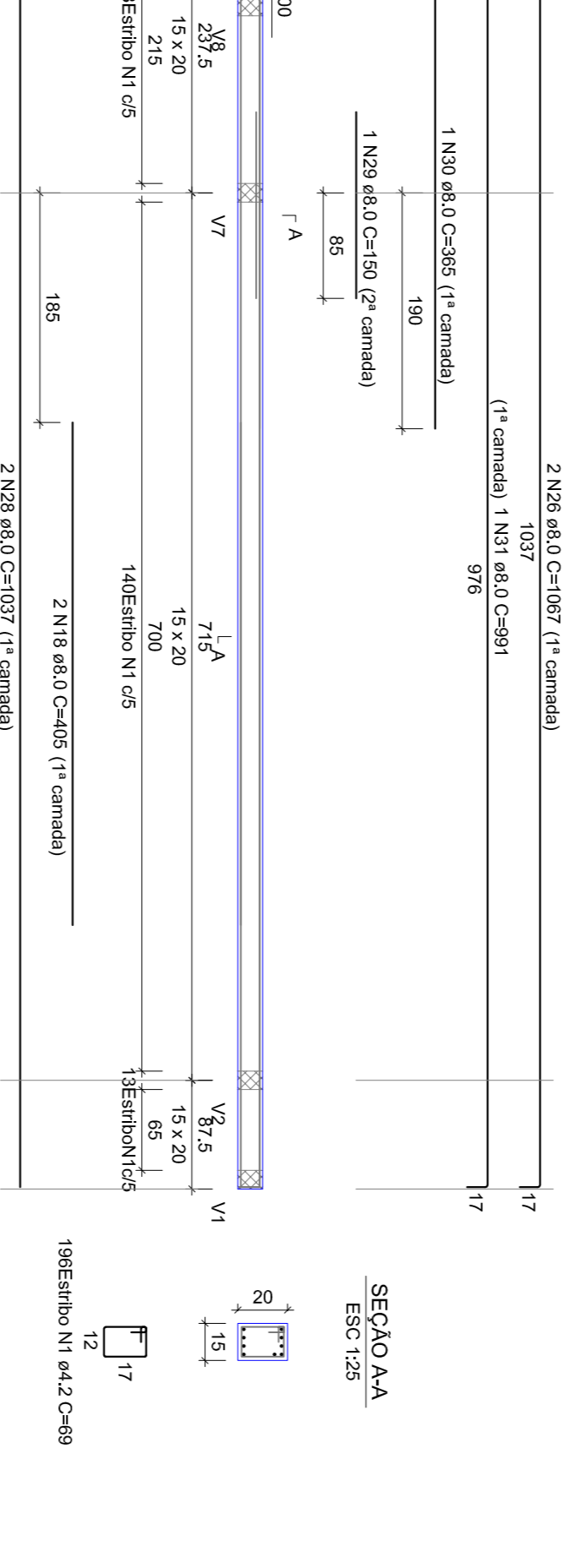
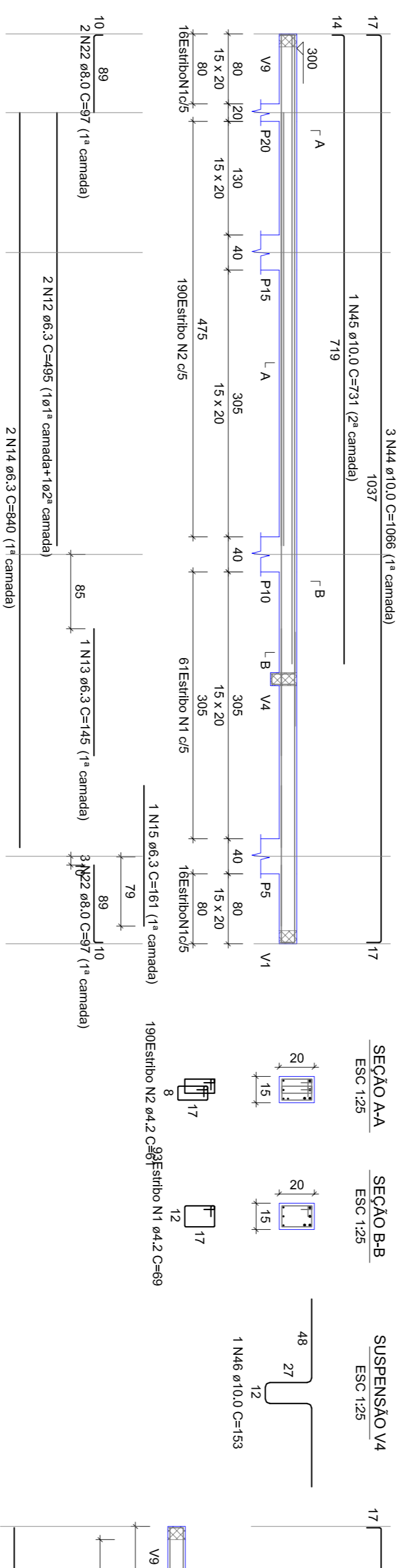
V14 ESC:150 V15 ESC:150



RELACÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	CUMT (cm)	C.TOTAL (cm)
CA50	1	8.3	78	7	20
	2	10.0	1585	15	107
	3	12.5	52	15	55
	4	12.5	1023	5	123
	5	5.0	97	9	43
	6	5.0	1	10	5
	7	5.0	1	10	5
CA60	1	8.3	1	10	5
	2	10.0	1	10	5
	3	12.5	1	10	5
	4	12.5	1	10	5
	5	5.0	1	10	5
	6	5.0	1	10	5
	7	5.0	1	10	5

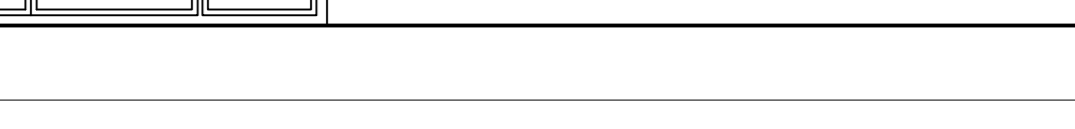
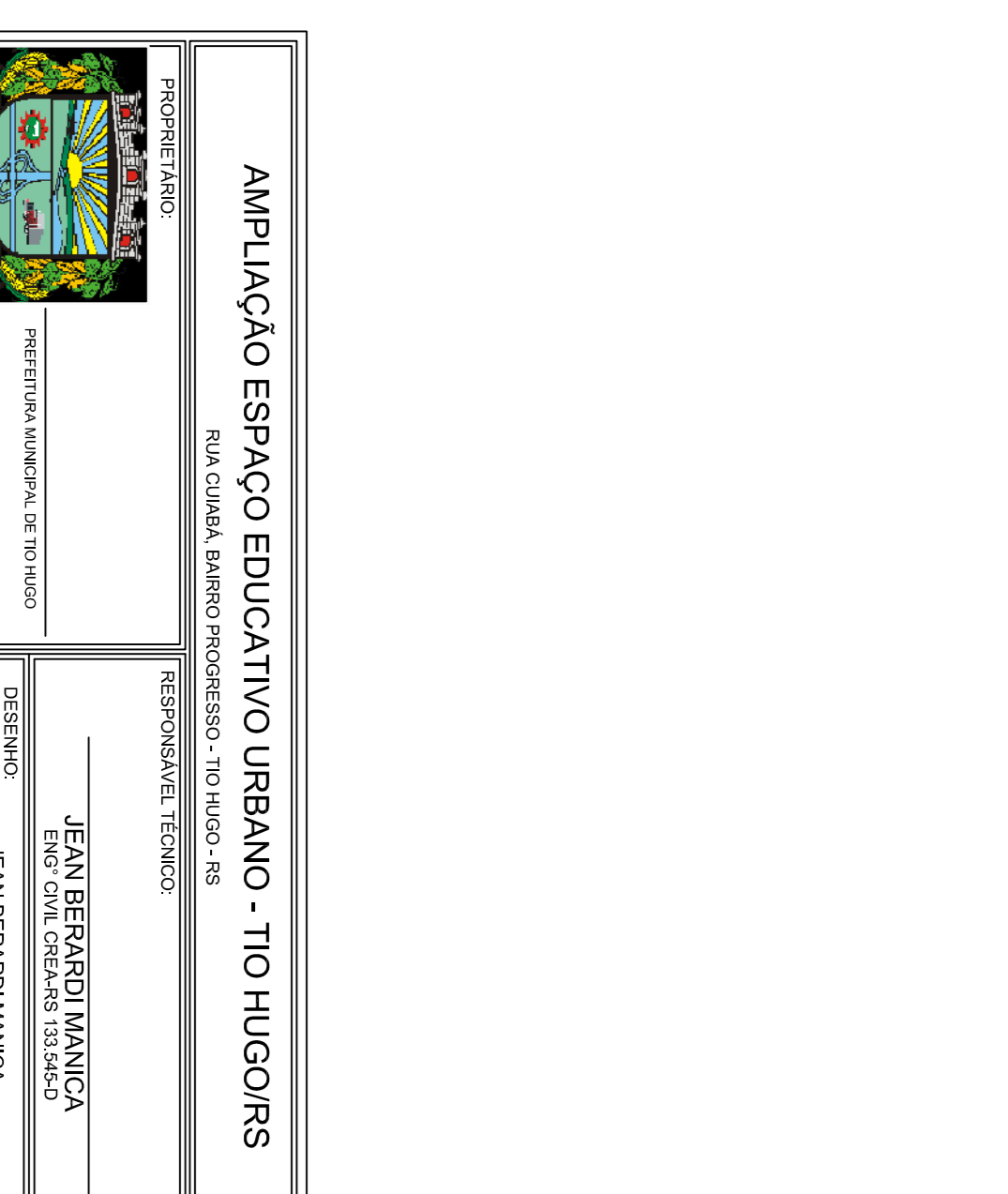
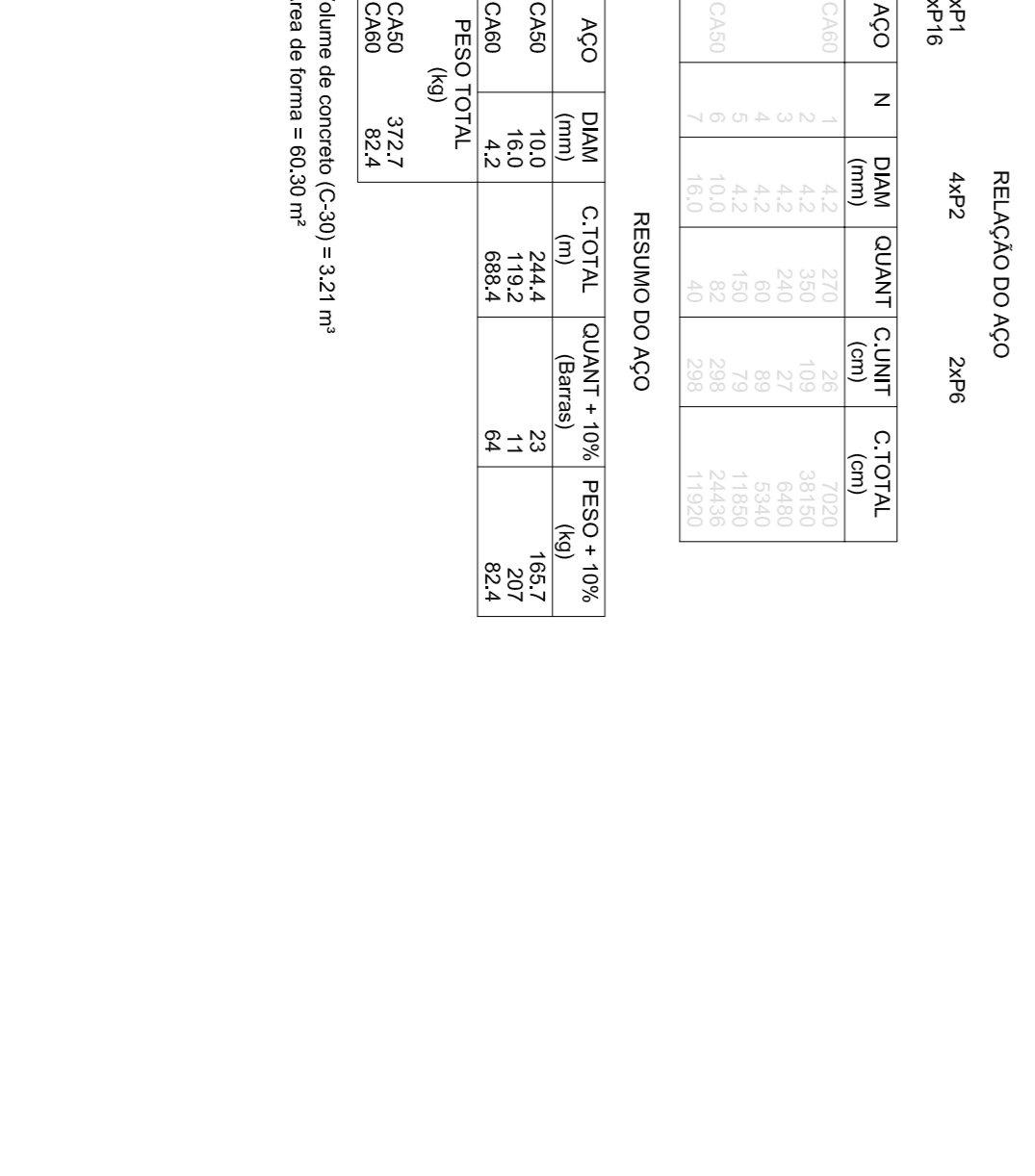
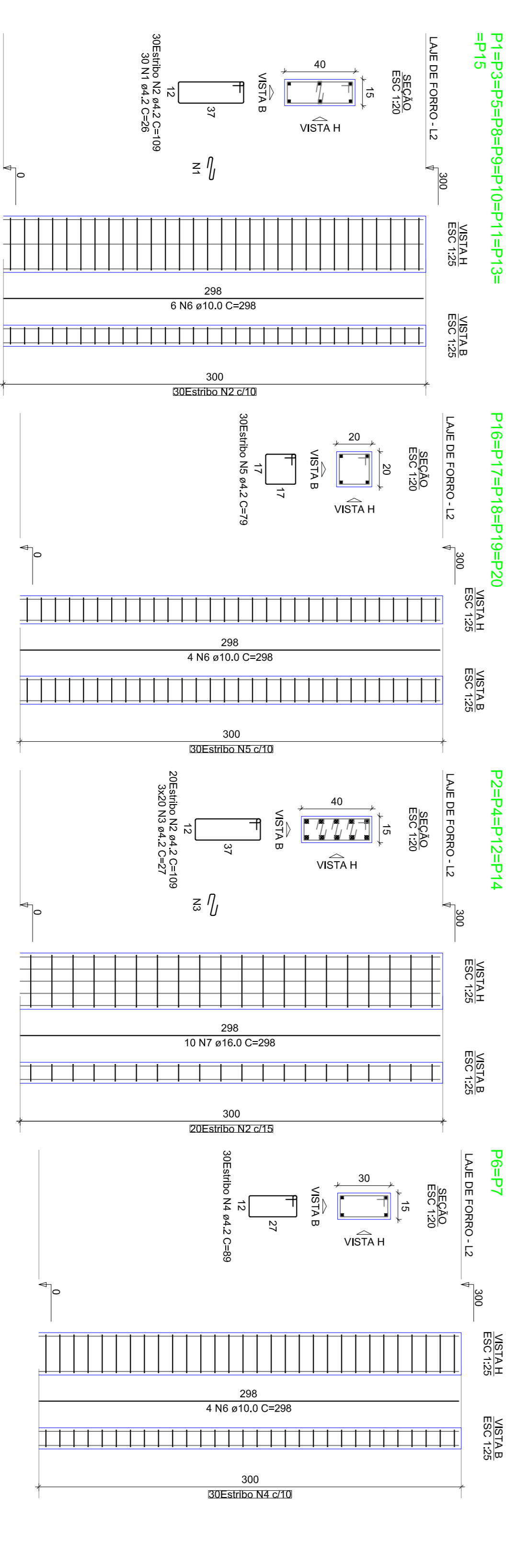
V17 ESC:150 V18 ESC:150



RELACÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	CUMT (cm)	C.TOTAL (cm)
CA50	1	8.3	78	7	20
	2	10.0	1585	15	107
	3	12.5	52	15	55
	4	12.5	1023	5	123
	5	5.0	97	9	43
	6	5.0	1	10	5
	7	5.0	1	10	5
CA60	1	8.3	1	10	5
	2	10.0	1	10	5
	3	12.5	1	10	5
	4	12.5	1	10	5
	5	5.0	1	10	5
	6	5.0	1	10	5
	7	5.0	1	10	5

V17 ESC:150 V18 ESC:150



RESUMO DO AÇO

ACO	N	DIAM (mm)	QUANT	CUMT (cm)	C.TOTAL (cm)
CA50	1	4.2	2600	169	38151
	2	4.2	2840	27	8483
	3	4.2	193	99	11591
	4	4.2	82	298	24435
	5	10.0	82	298	24435
	6	10.0	40	298	11920
	7	10.0	40	298	11920
CA60	1	6.3	322	3	1193
	2	6.3	11	11	152
	3	6.3	64	64	207
	4	6.3	1192	64	824
	5	6.3	1192	64	824
	6	6.3	1192	64	824
	7	6.3	1192	64	824

VOLUME DE CONCRETO (C-30) = 3,21 m³
ÁREA DE FORMA = 60,30 m²

RELACÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	CUMT (cm)	C.TOTAL (cm)
CA50	1	4.2	2600	169	38151
	2	4.2	2840	27	8483
	3	4.2	193	99	11591
	4	4.2	82	298	24435
	5	10.0	82	298	24435
	6	10.0	40	298	11920
	7	10.0	40	298	11920
CA60	1	6.3	322	3	1193
	2	6.3	11	11	152
	3	6.3	64	64	207
	4	6.3	1192	64	824
	5	6.3	1192	64	824
	6	6.3	1192	64	824
	7	6.3	1192	64	824

VOLUME DE CONCRETO (C-30) = 2,58 m³
ÁREA DE FORMA = 26,92 m²

AMPLIAÇÃO ESPAÇO EDUCATIVO URBANO - TIO HUGURS
RUA CURUÁ, BARRIO PROGRESSO, - TIO HUGO, - IS

PROJETADO POR: JEAN BERARDI MANICA
DESENHO: JEAN BERARDI MANICA
CADERNO DE DESENHOS TÉCNICOS

ÁREA AMPLIAÇÃO: 144,76m²
ÁREA TOTAL: 998,76 m²

ESCALA: 1/50

PROJETO: FERRAGEM DAS VIGAS DA LAJE DE FORRO E PILARES

DATA: JULHO/2023

PARCELA: E06

