

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	15	154	2310
CA60	2	5.0	6	307	1842
CA60	3	5.0	2	299	598
CA60	4	6.3	12	164	1968
CA60	5	8.0	6	309	1854
CA60	6	8.0	4	299	1196

Positivos-L3

Positivos-L2

RELAÇÃO DO AÇO

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6,3	19,7	5,3
CA50	8,0	30,5	13,2
CA60	5,0	47,5	8,1
PESO TOTAL (kg)			
CA50			18,5
CA60			8,1

Volume de concreto (C-25) = 0,61 m³

Área de forma = 7,00 m²

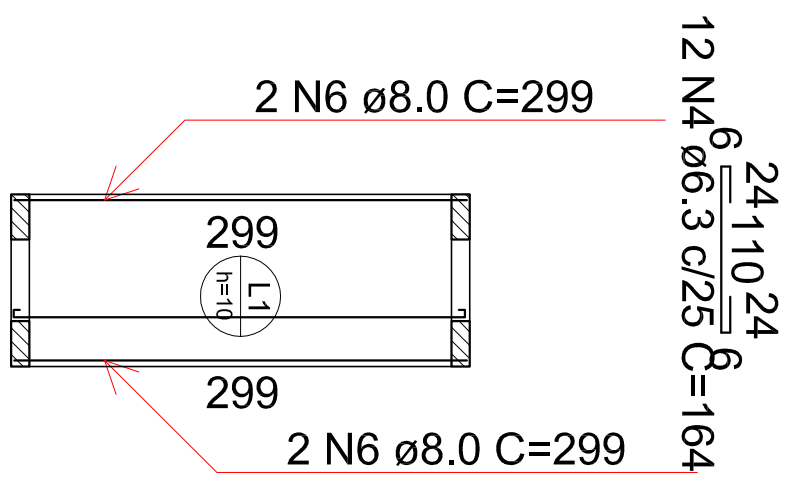
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	12	75	900
CA60	2	5,0	41	155	6335
CA50	3	5,0	103	1203	12300
CA50	4	8,0	4	123	492
CA50	5	8,0	4	146	584
CA50	6	10,0	2	1195	2390
CA50	7	10,0	1	581	581
CA50	8	10,0	2	1138	2276
CA50	9	10,0	2	257	514

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8,0	10,8	4,7
CA50	10,0	57,6	39,1
CA60	5,0	192,8	32,7
PESO TOTAL (kg)			
CA50			43,7
CA60			32,7

Volume de concreto (C-25) = 1,09 m³

Área de forma = 19,88 m²

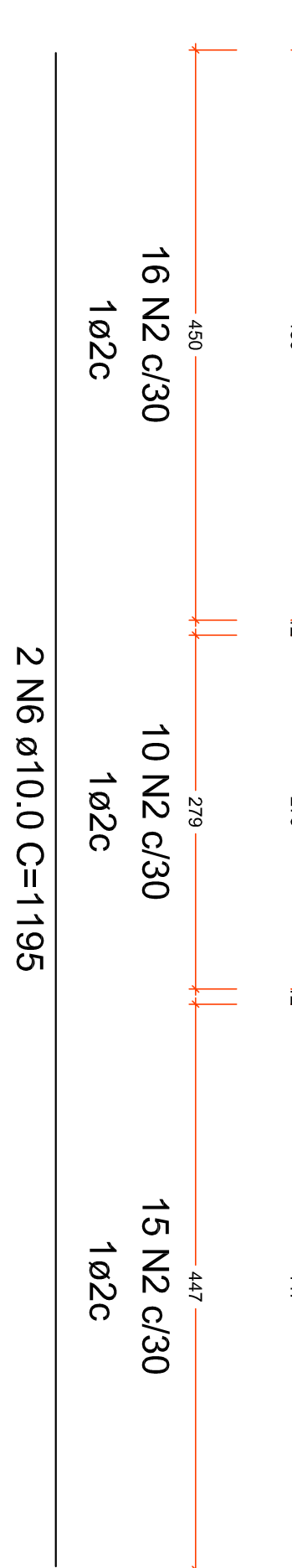
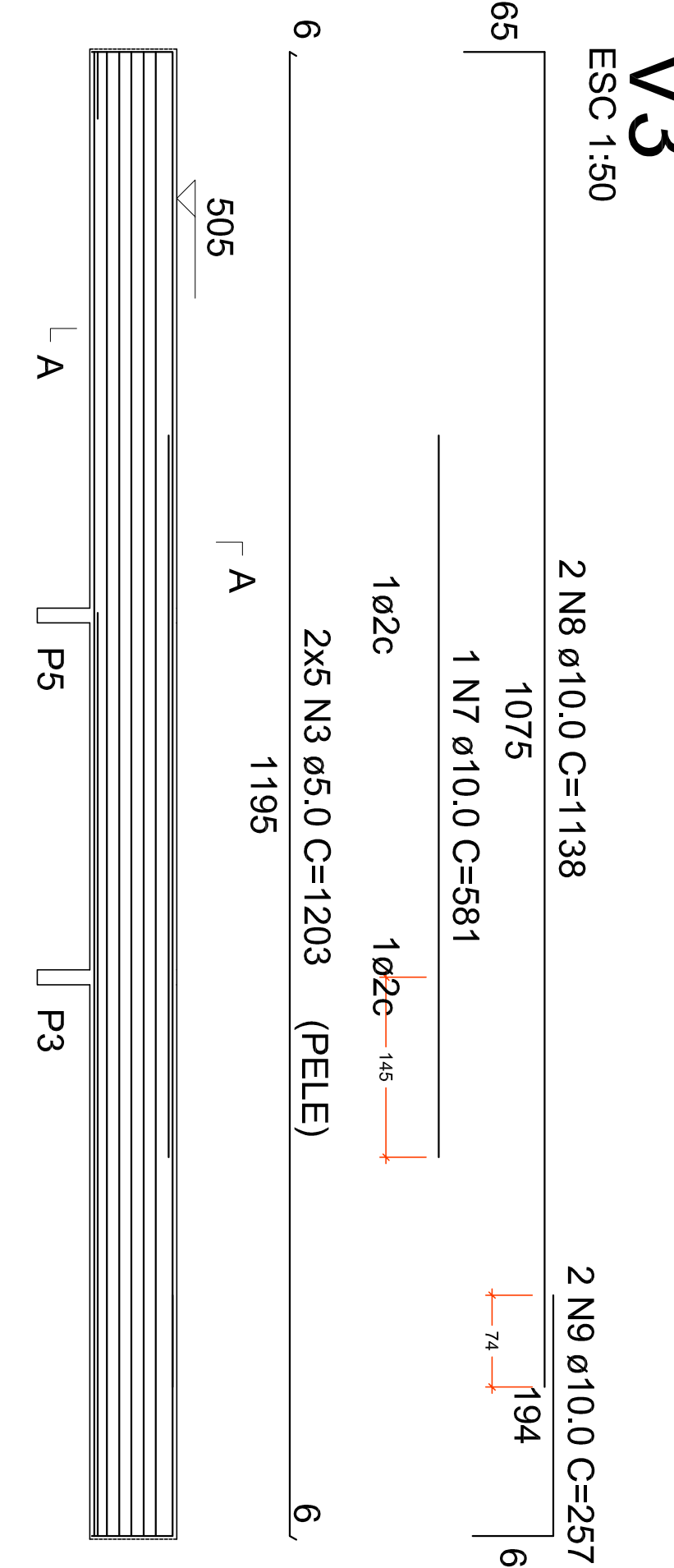


Armação positiva das lajes do Nivel 220 escala 1:50



Armação positiva das lajes do Nivel 495 escala 1:50

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6,3	19,7	5,3
CA50	8,0	30,5	13,2
CA60	5,0	47,5	8,1
PESO TOTAL (kg)			
CA50			18,5
CA60			8,1



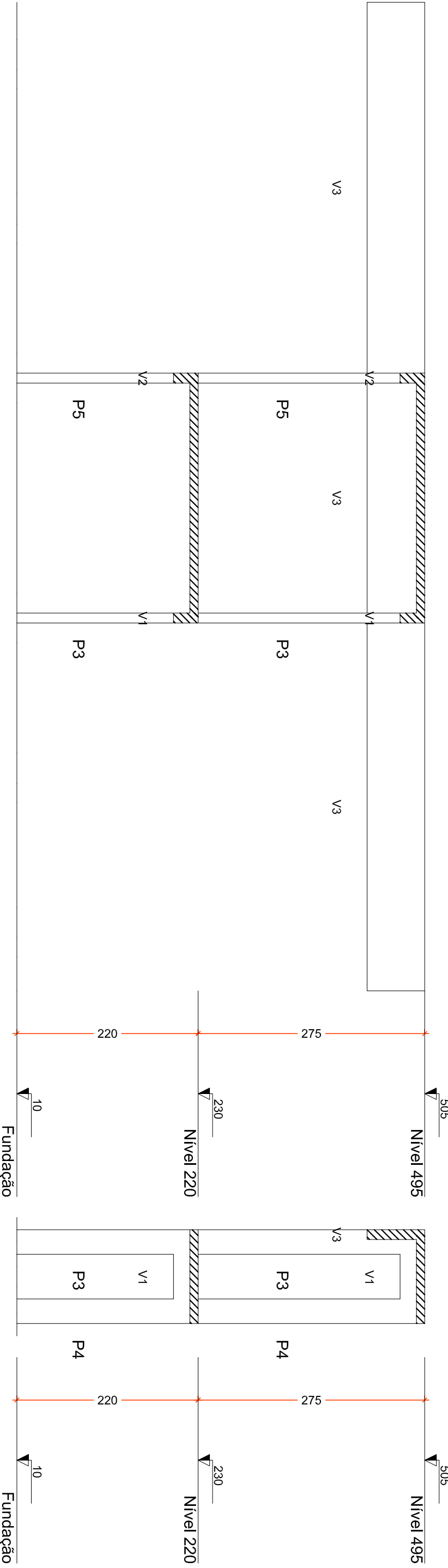
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	20	75	1500
CA50	2	10,0	16	VAR	VAR
PESO TOTAL (kg)					
CA50					10,5
CA60					2,5

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10,0	15,5	10,5
CA60	5,0	15	2,5
PESO TOTAL (kg)			
CA50			10,5
CA60			2,5

Volume de concreto (C-25) = 0,06 m³

Área de forma = 1,51 m²



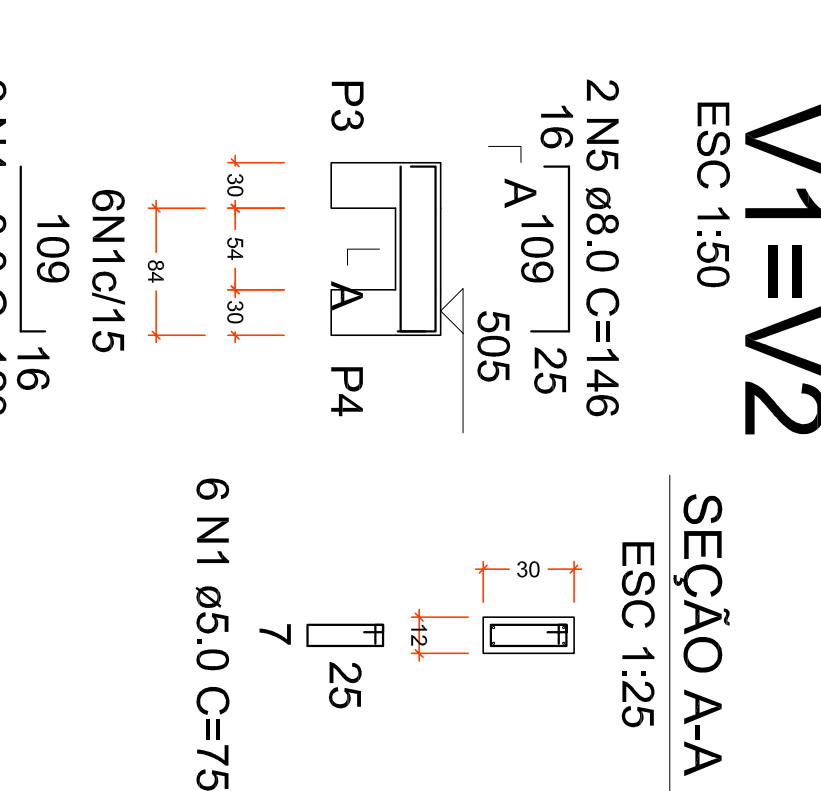
Corte B-B escala 1:50

Corte A-A escala 1:50

Armação positiva das lajes do Nivel 220 escala 1:50



Armação positiva das lajes do Nivel 495 escala 1:50



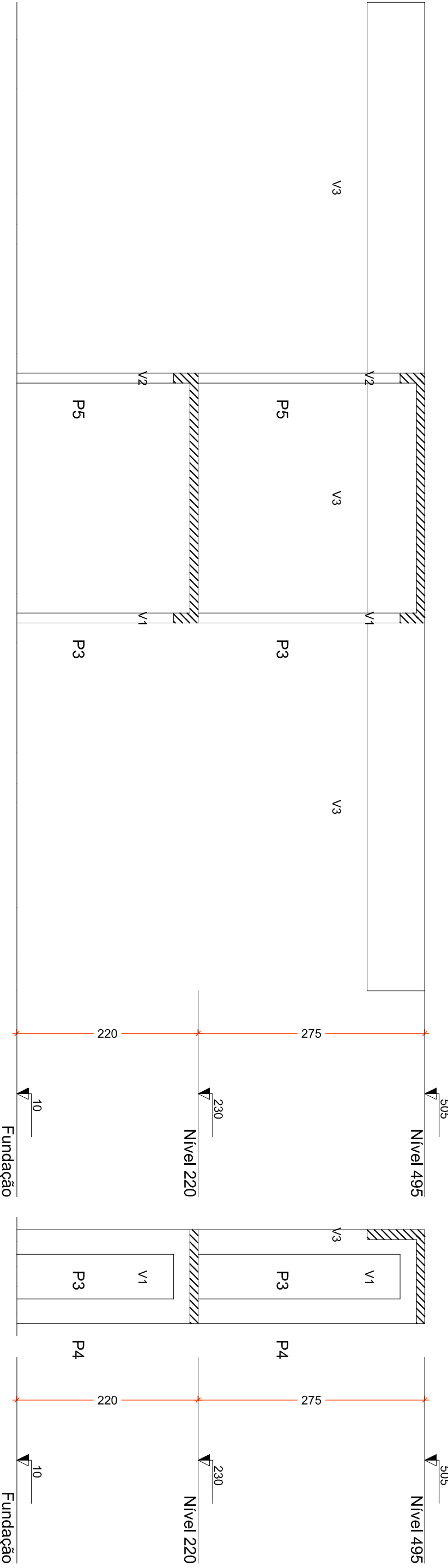
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	20	75	1500
CA50	2	10,0	16	VAR	VAR
PESO TOTAL (kg)					
CA50					10,5
CA60					2,5

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10,0	15,5	10,5
CA60	5,0	15	2,5
PESO TOTAL (kg)			
CA50			10,5
CA60			2,5

Volume de concreto (C-25) = 0,06 m³

Área de forma = 1,51 m²



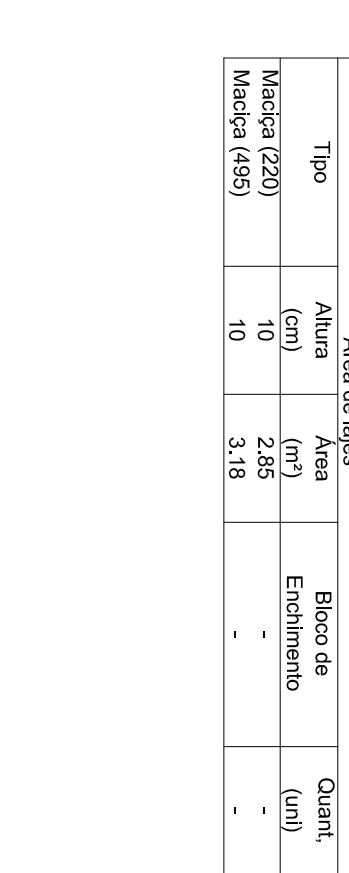
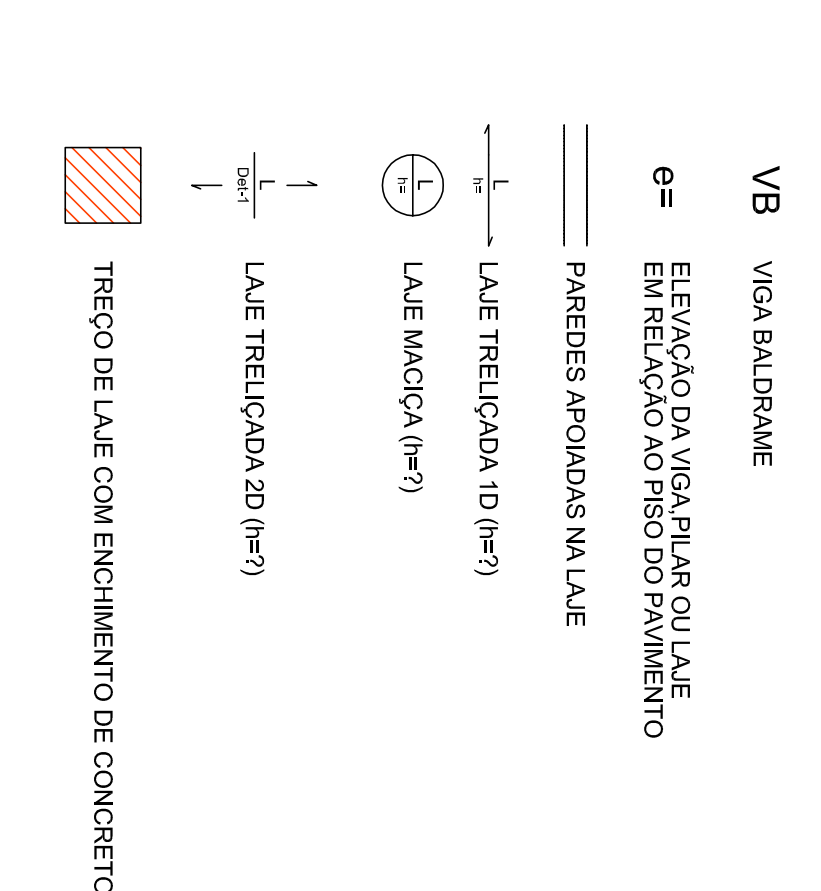
Corte B-B escala 1:50

Corte A-A escala 1:50

Armação positiva das lajes do Nivel 220 escala 1:50



Armação positiva das lajes do Nivel 495 escala 1:50



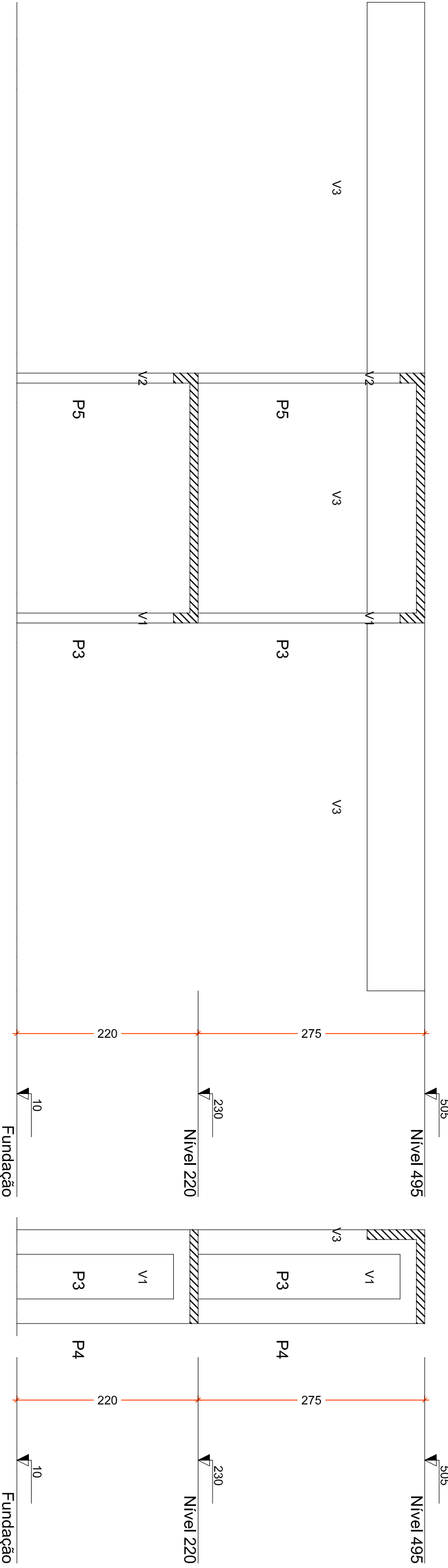
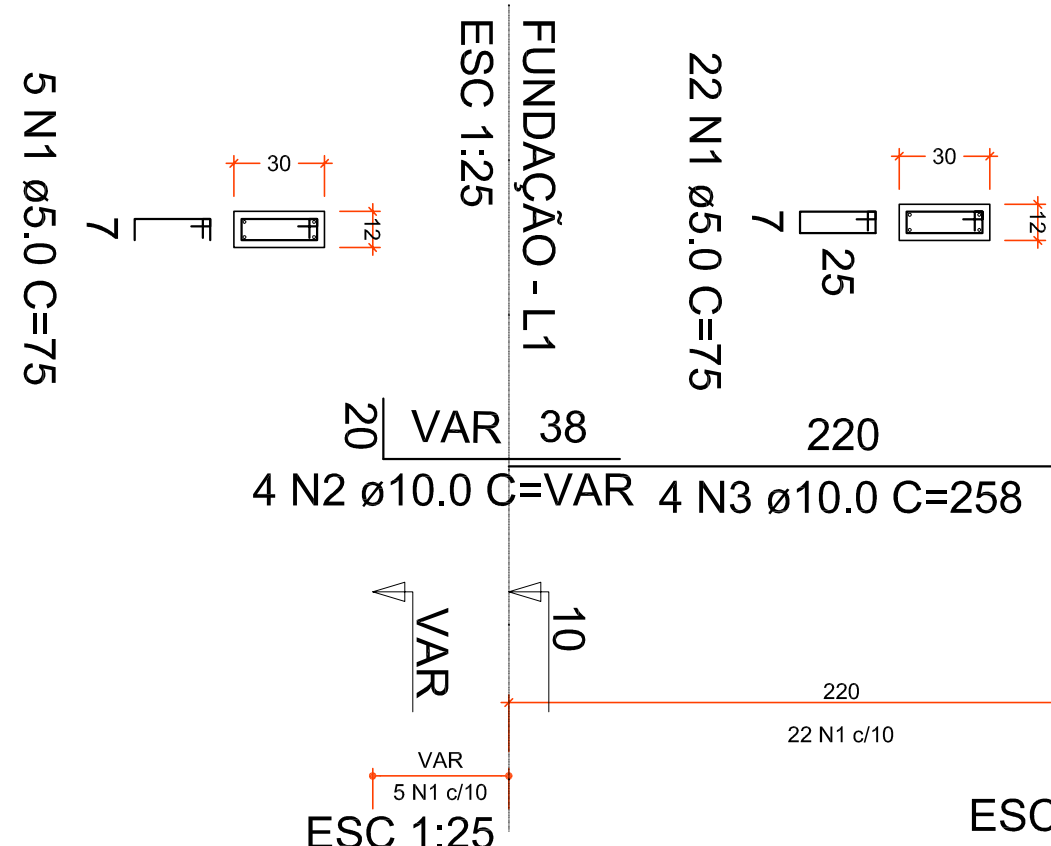
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	200	75	15000
CA50	2	10,0	16	313	5008
CA50	3	10,0	16	258	4128
PESO TOTAL (kg)					
CA50					62
CA60					25,4

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10,0	91,4	62
CA60	5,0	150	25,4
PESO TOTAL (kg)			
CA50			62
CA60			25,4

Volume de concreto (C-25) = 0,71 m³

Área de forma = 16,63 m²



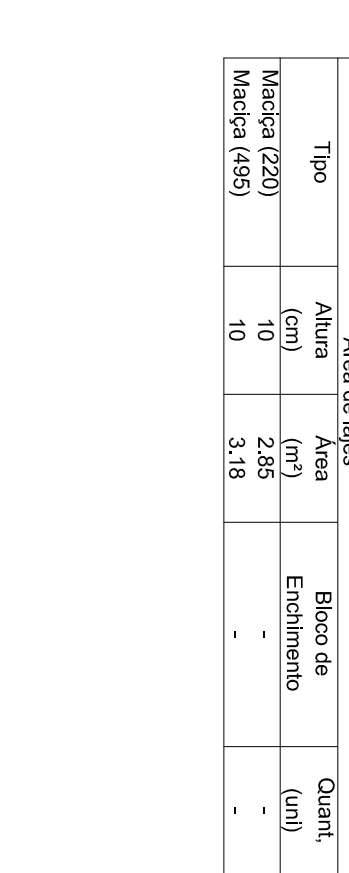
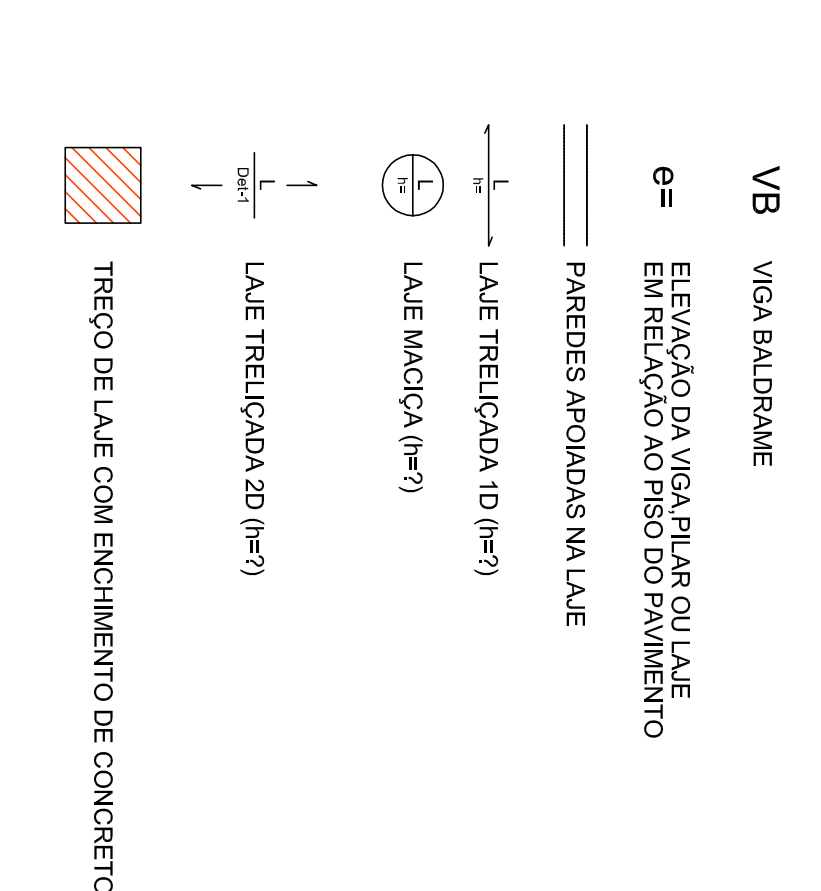
Corte B-B escala 1:50

Corte A-A escala 1:50

Armação positiva das lajes do Nivel 220 escala 1:50



Armação positiva das lajes do Nivel 495 escala 1:50



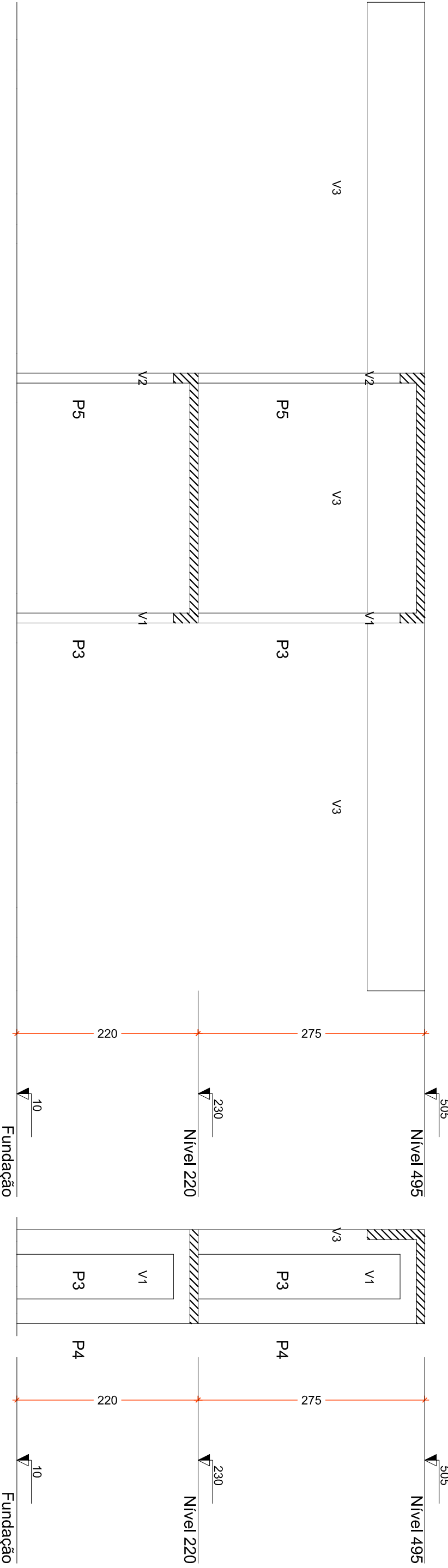
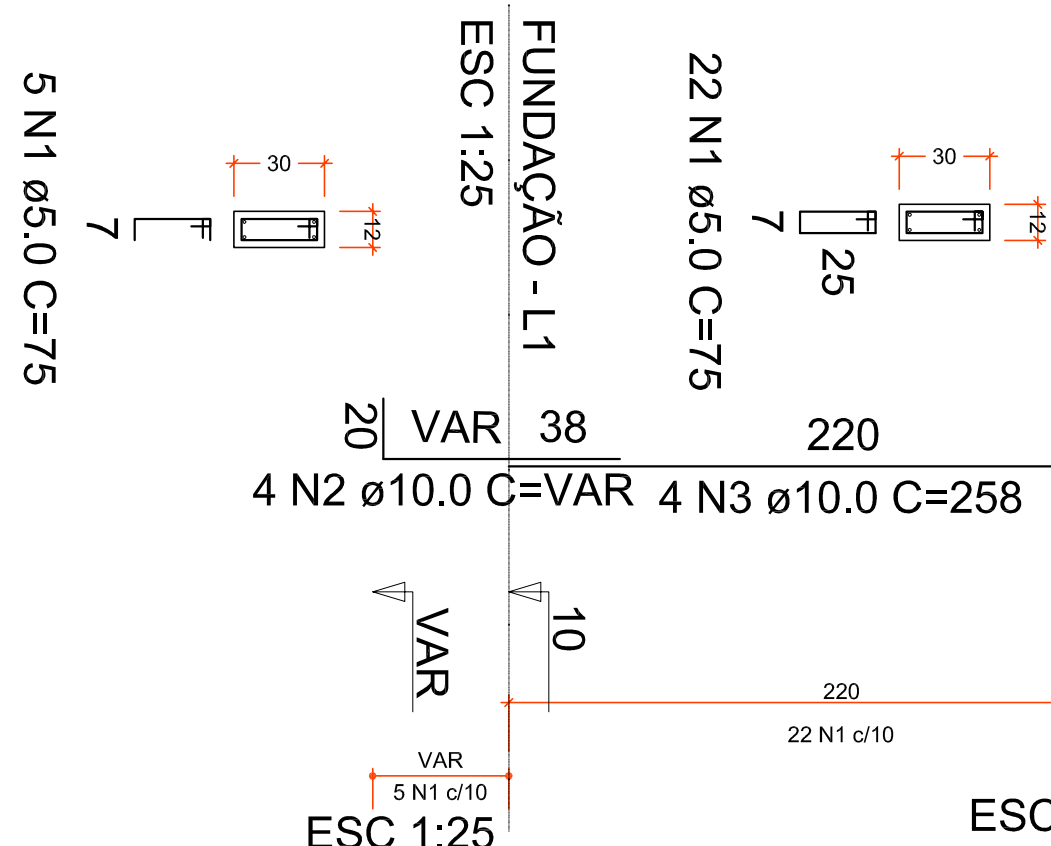
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	200	75	15000
CA50	2	10,0	16	313	5008
CA50	3	10,0	16	258	4128
PESO TOTAL (kg)					
CA50					62
CA60					25,4

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10,0	91,4	62
CA60	5,0	150	25,4
PESO TOTAL (kg)			
CA50			62
CA60			25,4

Volume de concreto (C-25) = 0,71 m³

Área de forma = 16,63 m²



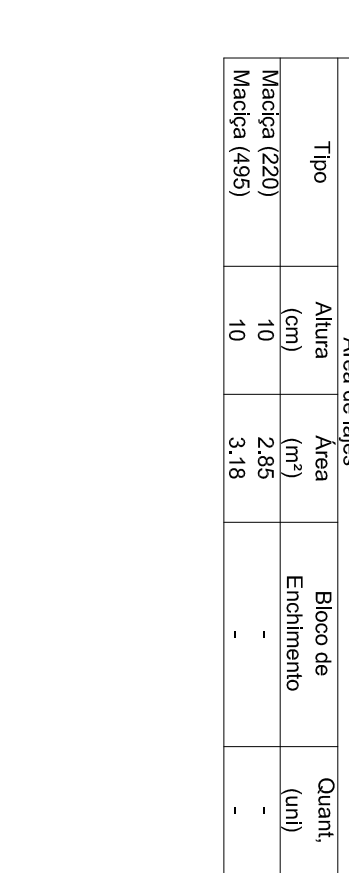
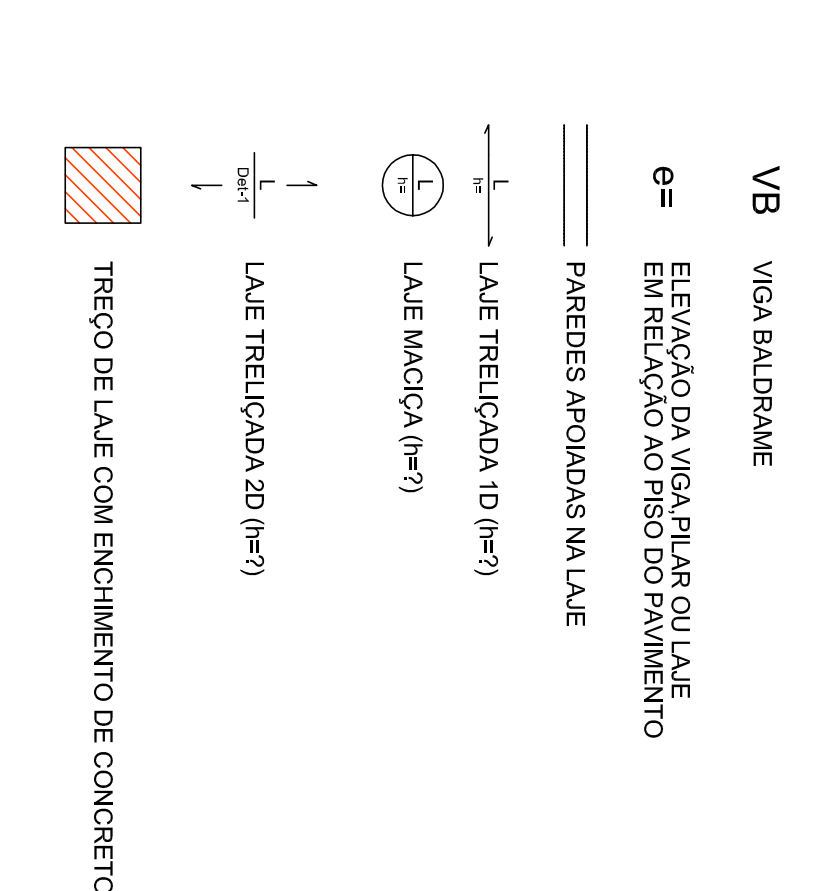
Corte B-B escala 1:50

Corte A-A escala 1:50

Armação positiva das lajes do Nivel 220 escala 1:50



Armação positiva das lajes do Nivel 495 escala 1:50



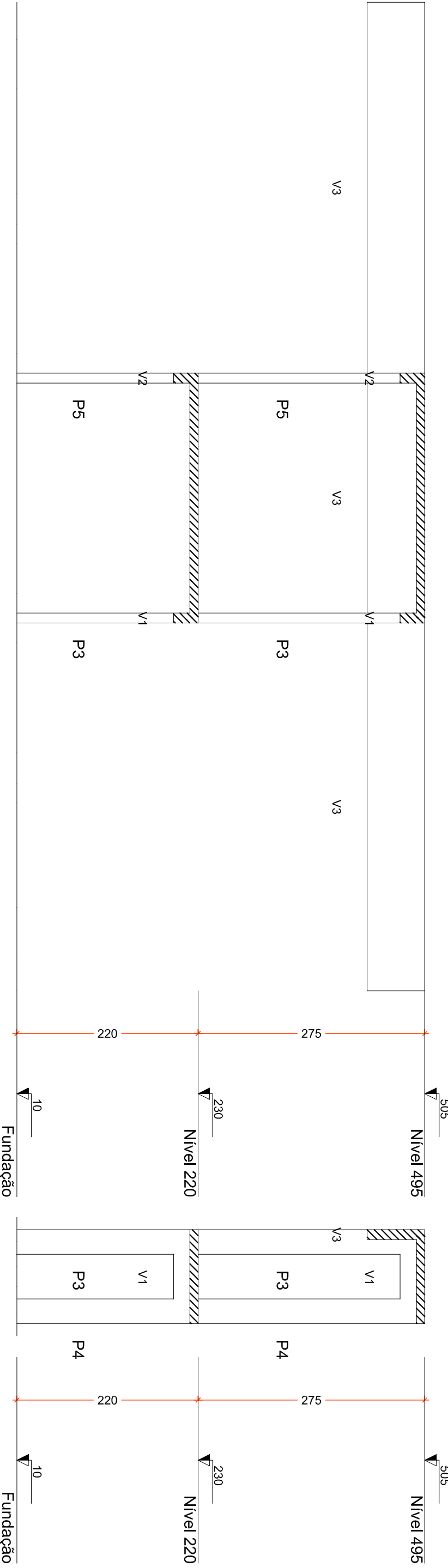
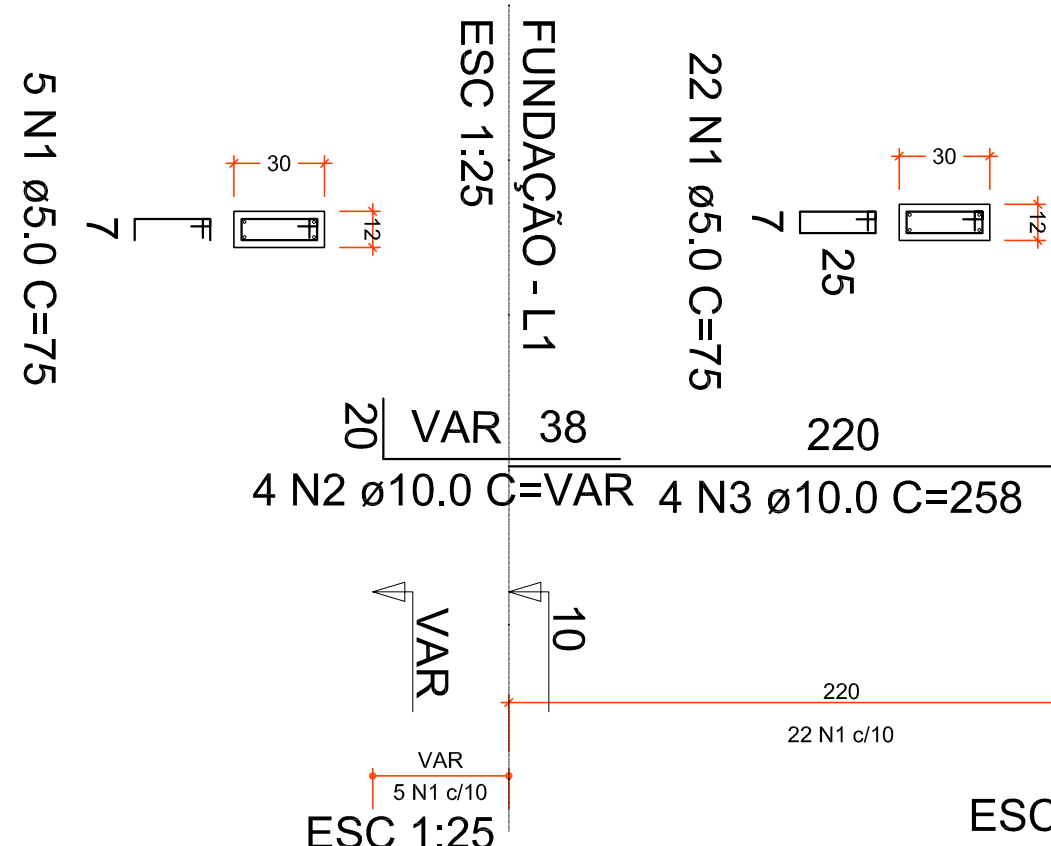
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	200	75	15000
CA50	2	10,0	16	313	5008
CA50	3	10,0	16	258	4128
PESO TOTAL (kg)					
CA50					62
CA60					25,4

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10,0	91,4	62
CA60	5,0	150	25,4
PESO TOTAL (kg)			
CA50			62
CA60			25,4

Volume de concreto (C-25) = 0,71 m³

Área de forma = 16,63 m²



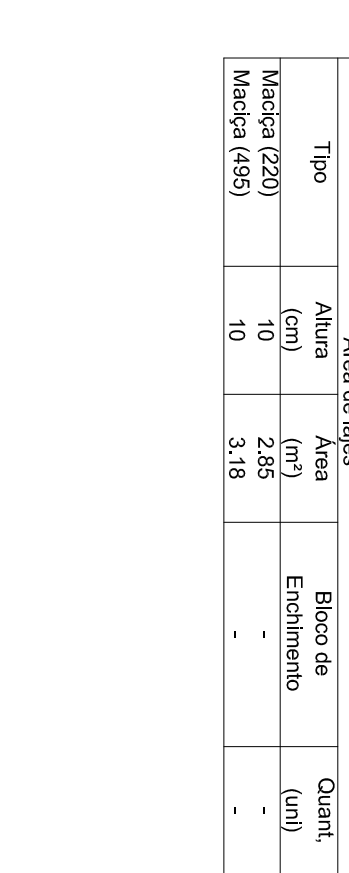
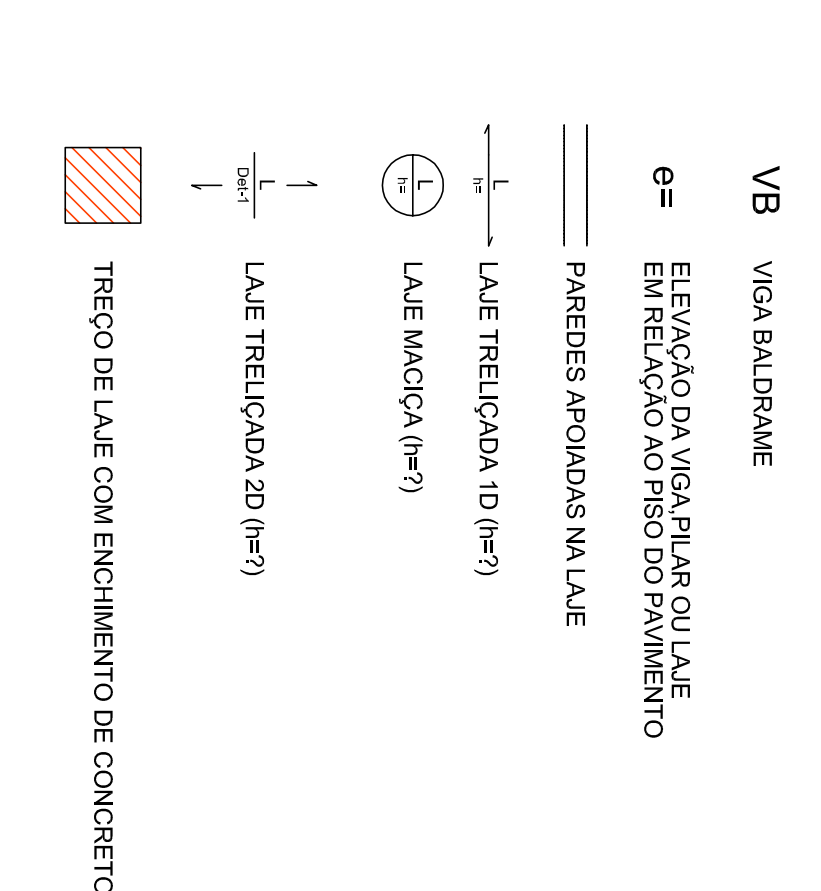
Corte B-B escala 1:50

Corte A-A escala 1:50

Armação positiva das lajes do Nivel 220 escala 1:50



Armação positiva das lajes do Nivel 495 escala 1:50



ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	200	75	15000
CA50	2	10,0	16	313	5008
CA50	3	10,0	16	258	4128
PESO TOTAL (kg)					
CA50					62
CA60					25,4

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10,0	91,4	62
CA60	5,0	150	25,4