

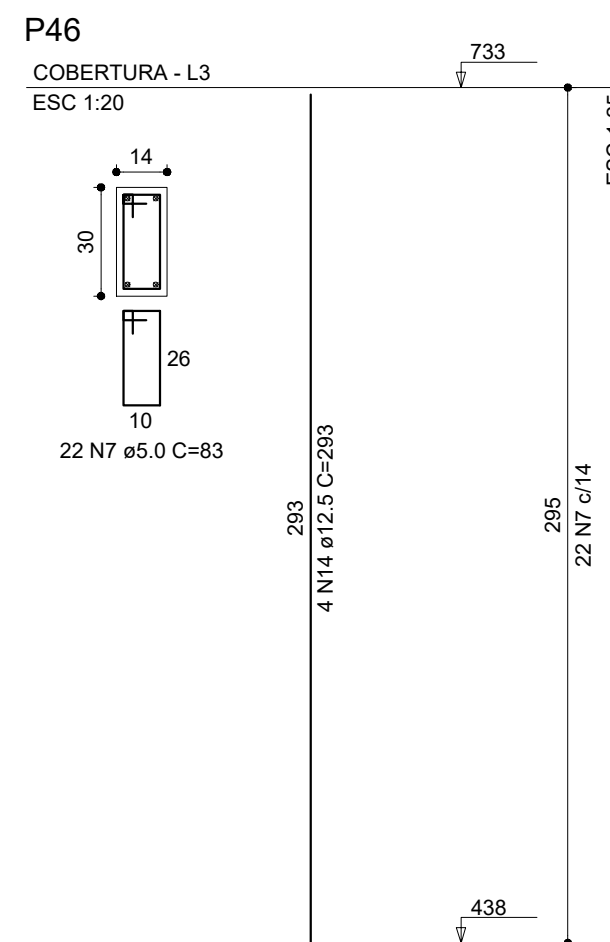
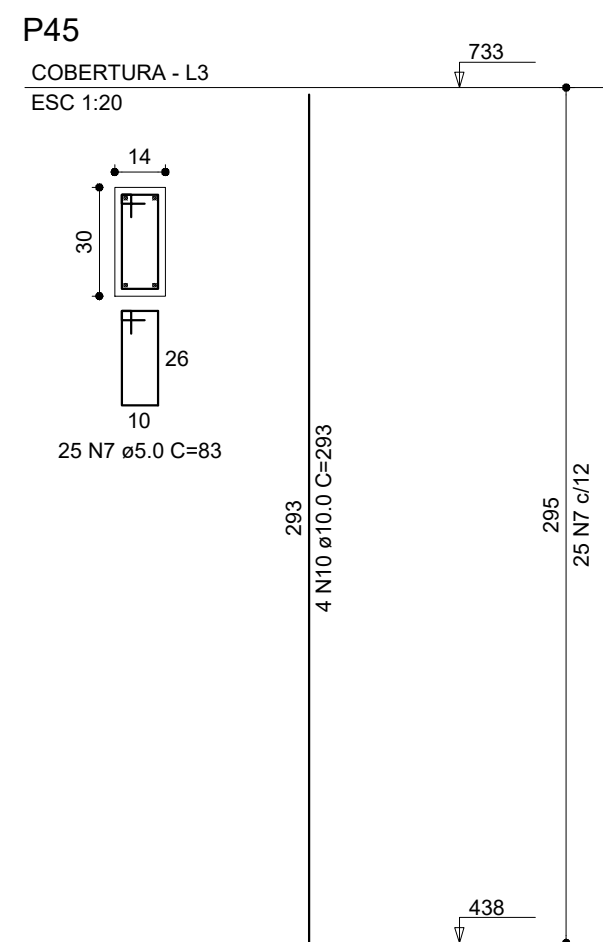
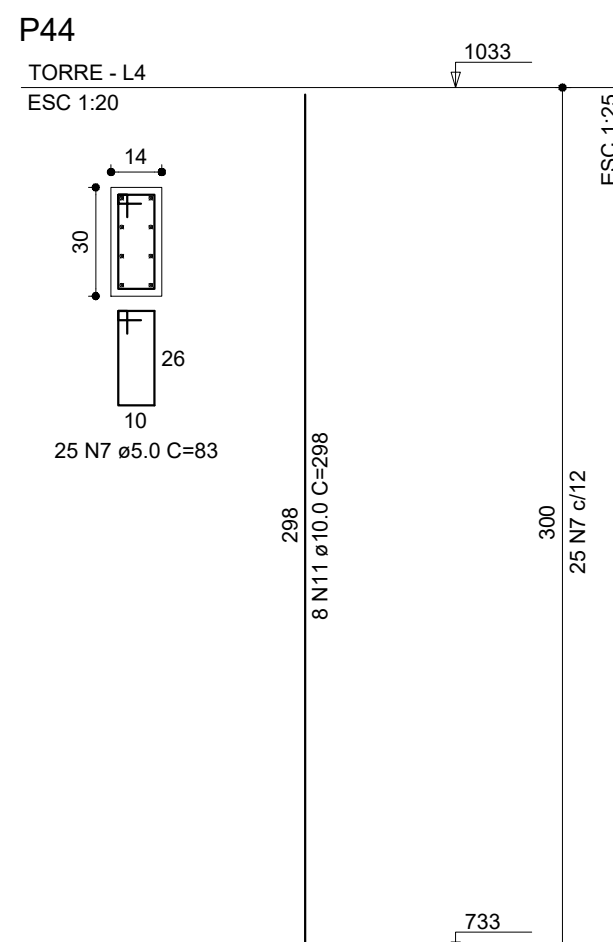
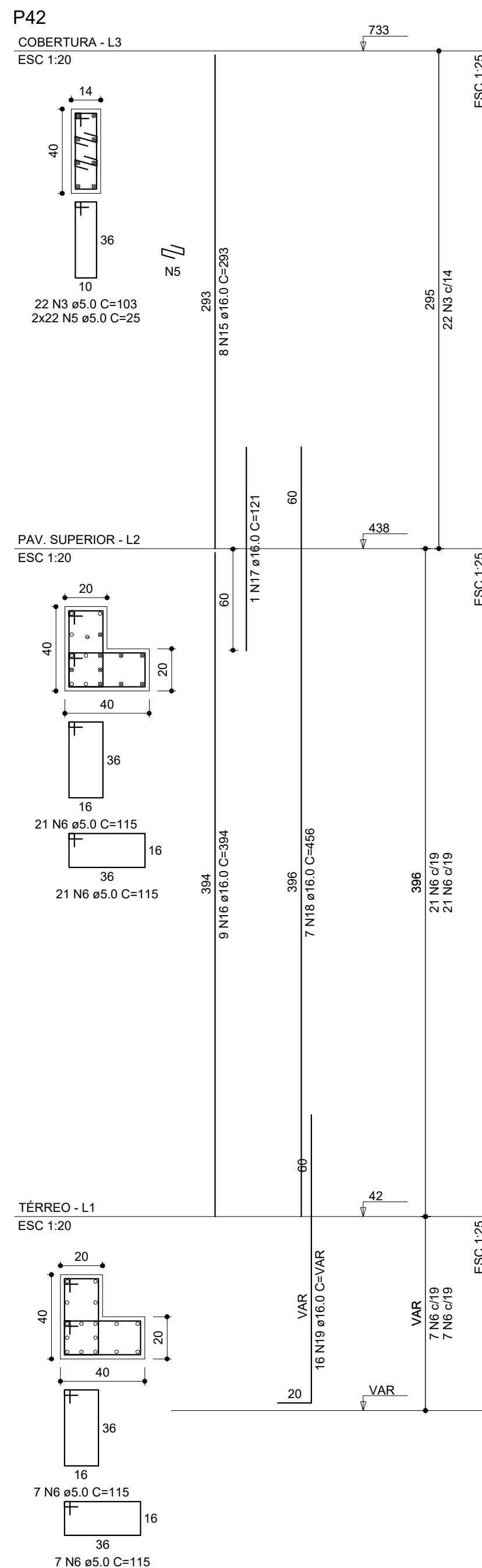
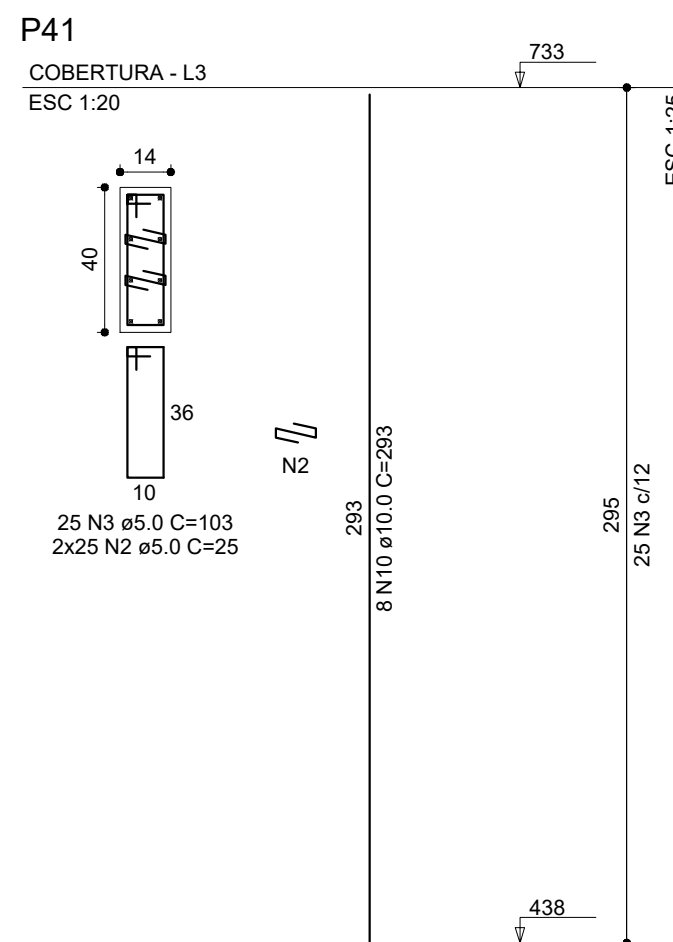
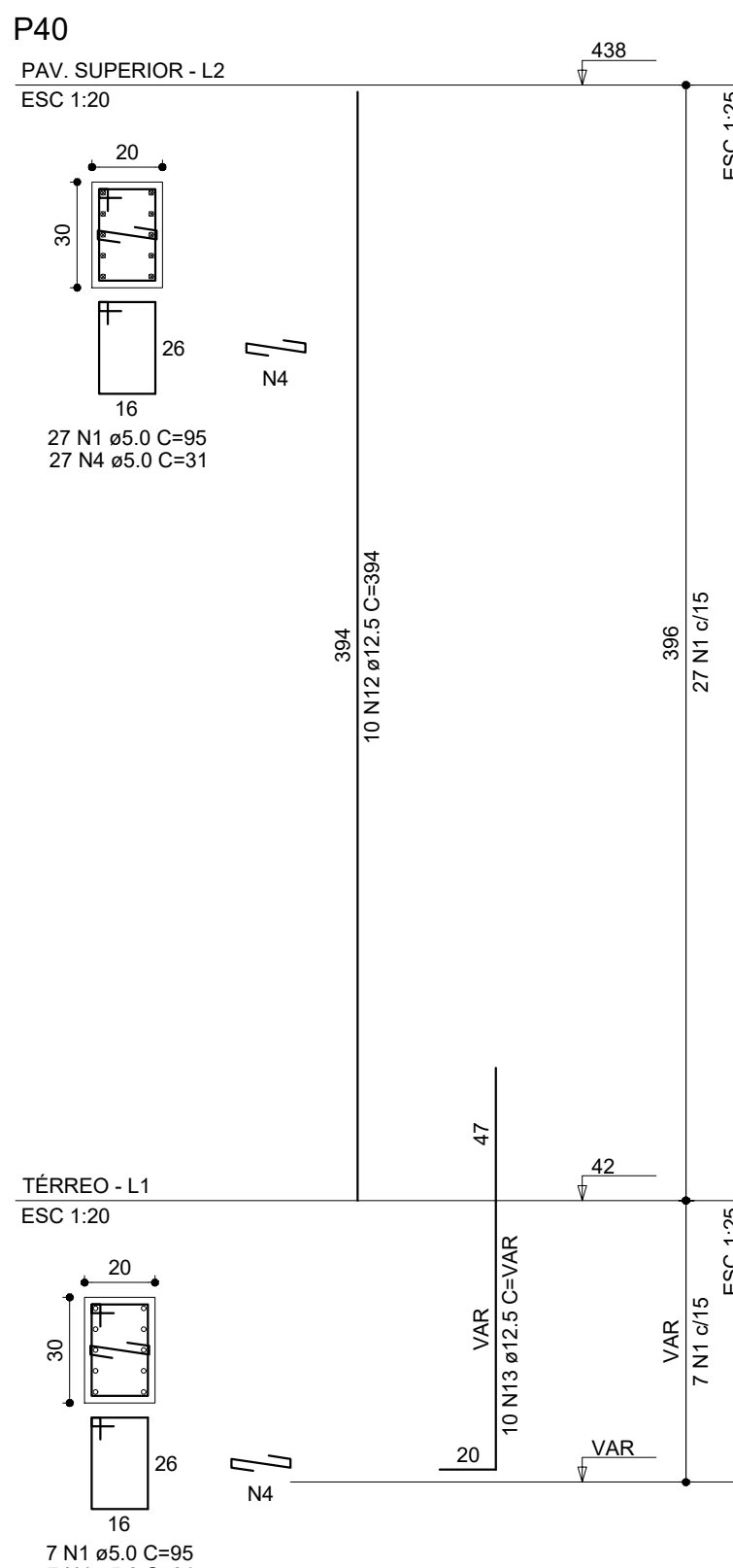
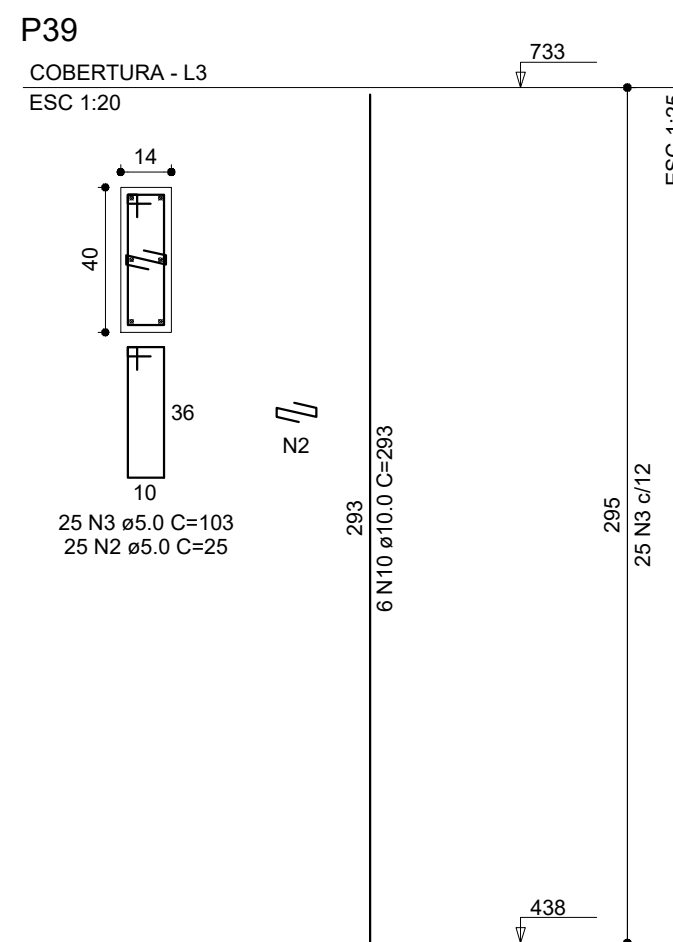
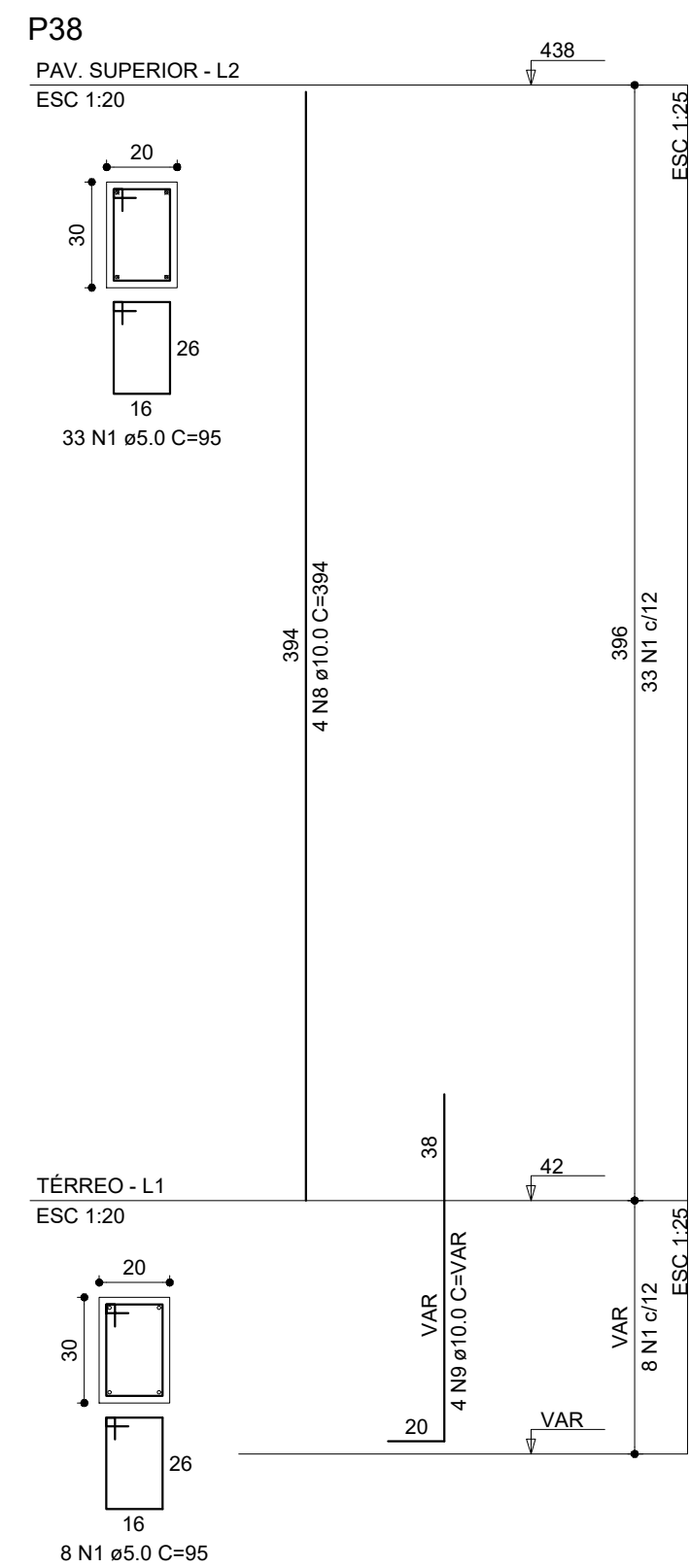
RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CA80	1	5.0	125	25	3125
	2	5.0	125	103	12875
	4	5.0	22	83	1806
	6	5.0	54	85	4590
	8	5.0	21	31	651
	10	5.0	97	95	9215
CA80	7	10.0	34	293	9962
	8	10.0	4	394	1576
	9	10.0	4	443	1772
	10	10.0	4	293	1172
	11	12.5	6	293	1758
	12	12.5	6	VAR	VAR
	13	16.0	6	VAR	VAR
	14	16.0	10	394	3940
	15	16.0	6	VAR	VAR
	16	16.0	10	VAR	VAR

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (m)	PESO + 10% (kg)
CA80	10.0	121.1	82.1
CA80	12.5	53.8	97
CA80	16.0	89	154.5
CA80	5.0	322.6	54.7
PESO TOTAL (kg)			
CA80		293.9	
CA80		54.7	

Volume de concreto (C-25) = 2.25 m³
Área de forma = 40.73 m²



RELAÇÃO DO AÇO

P38-L2	P38-L1	P38-L3
P40-L2	P40-L1	P41-L3
P42-L3	P42-L2	P42-L1
P44-L4	P45-L3	P46-L3

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA80	1	5.0	75	95	7125
	2	5.0	75	25	1875
	4	5.0	34	31	1054
	6	5.0	44	25	1100
	8	5.0	58	115	6440
	7	5.0	72	83	5978
CA50	8	10.0	4	394	1576
	9	10.0	4	VAR	VAR
	10	10.0	18	293	5274
	11	10.0	6	394	2364
	12	12.5	10	394	3940
	13	12.5	10	VAR	VAR
	14	12.5	4	293	1172
	15	16.0	8	293	2344
	16	16.0	9	394	3546
	17	16.0	1	121	121
18	16.0	7	VAR	3102	
19	16.0	7	VAR	VAR	

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (m)	PESO + 10% (kg)
CA80	10.0	98	66.5
CA80	12.5	67.1	71.1
CA80	16.0	122	211.7
CA80	5.0	309.9	52.5
PESO TOTAL (kg)			
CA80		349.3	
CA80		52.5	

Volume de concreto (C-25) = 2.07 m³
Área de forma = 35.39 m²

RUA JOAQUIM VILAS BOAS DOS REIS, 45
CENTRO - NATERICA - MG
(35) 9 9936-7680
(35) 9 9914-6183
(35) 9 9904-6122
atendimento.ozengenharia@gmail.com

PROJETO COMPLETO
ESTRUTURAL

PROPRIETÁRIO
CÂMARA MUNICIPAL DE ITAPEVA
CNPJ: 19.053.594/0001-27

ENDEREÇO
RUA PRESIDENTE KENNEDY, S/N - LOT. JARDIM MONTEIRO
ITAPEVA - MG

DETALHES

PILARES

PROPRIETÁRIO

ESCALA:
INDICADA
DATA:
08/10/2021
FOLHA:
13/15

CÁSSIO CÉSAR ORSI JUNHO
CREA: 102036/D - MG