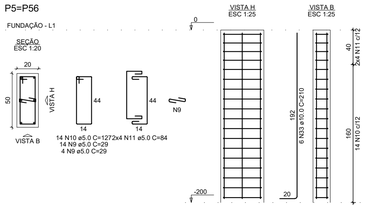
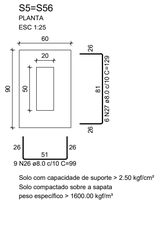
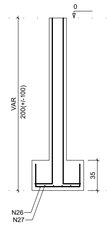
P5=P56

FUNDAÇÃO - L1

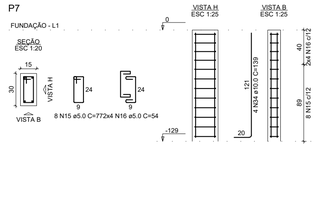


S5=S56



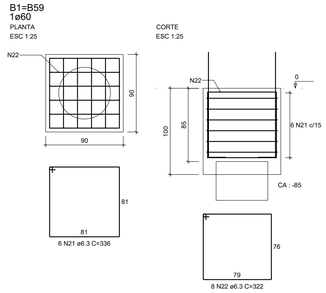


P7



S7

B1=B59
1ø60



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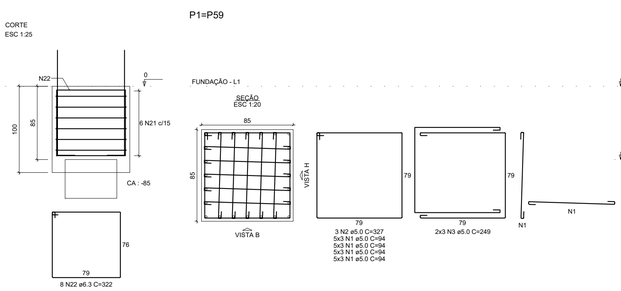
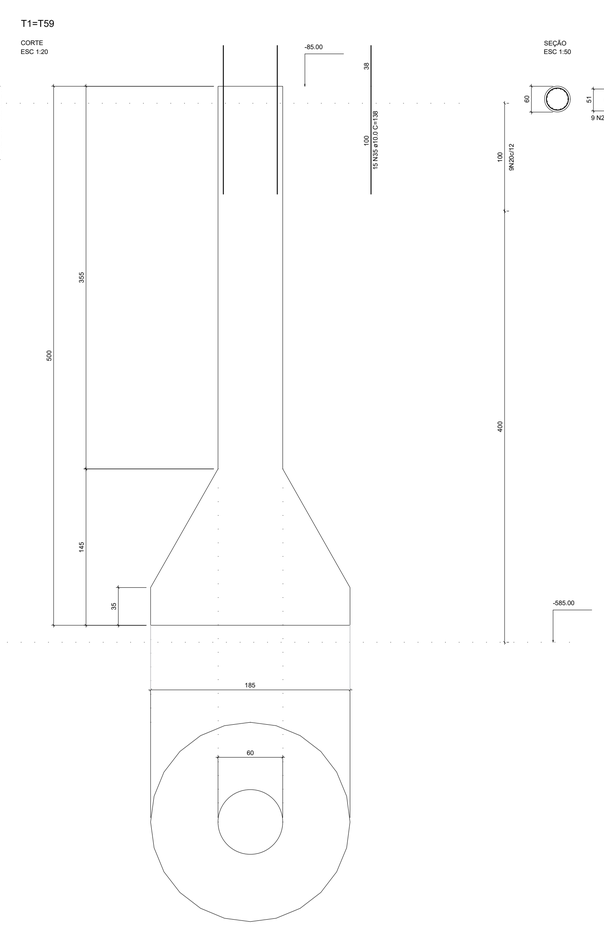
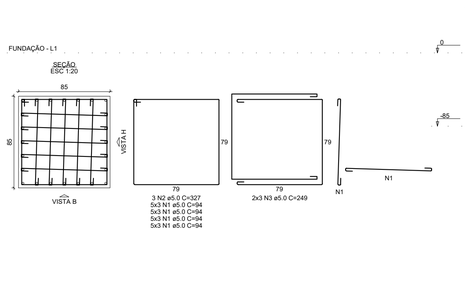


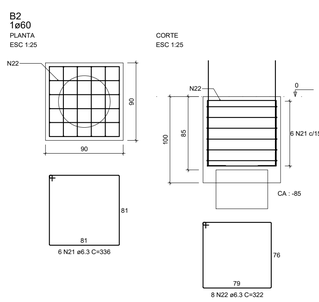
T1=T59



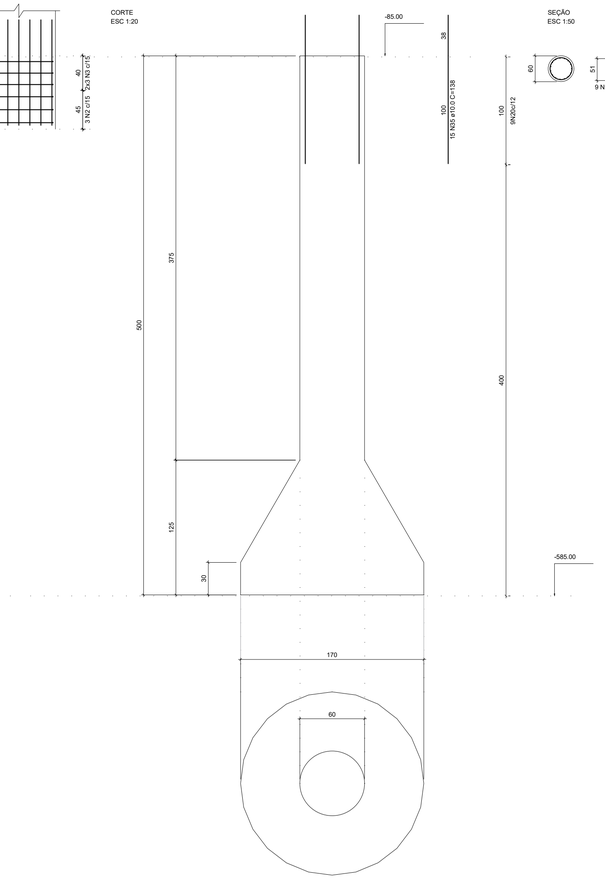
P2



B2
1ø60



T2



RELAÇÃO DO AÇO

B2	B3	B8
B9	B11	3xB47
2xB53	2xB59	2xP1
P2	P3	2xP4
2xP5	P6	P7
P8	P9	P11
P47	P53	2xS5
S7	T2	T3
T8	T9	3x747
2xT53	2xT59	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	240	94	22560
	2	5.0	12	327	3924
	3	5.0	24	249	5976
	4	5.0	8	39	234
	5	5.0	3	167	501
	6	5.0	6	114	684
	7	5.0	112	39	4368
	8	5.0	64	104	6656
	9	5.0	60	29	1740
	10	5.0	20	127	2540
	11	5.0	16	84	1344
	12	5.0	8	94	752
	13	5.0	4	217	868
	14	5.0	8	139	1112
	15	5.0	8	77	616
	16	5.0	8	54	432
	17	5.0	8	147	1176
	18	5.0	4	217	868
	19	5.0	8	129	1032
CA50	20	5.0	99	178	17622
	21	6.3	24	336	8064
	22	6.3	54	322	17388
	23	8.0	52	336	17472
	24	8.0	24	322	7728
	25	8.0	6	334	2004
	26	8.0	18	99	1782
	27	8.0	12	129	1548
	28	8.0	7	94	658
	29	8.0	5	109	654
	30	10.0	7	337	2359
	31	10.0	8	361	2888
	32	10.0	64	132	8448
	33	10.0	12	210	2520
	34	10.0	4	139	556
	35	10.0	165	138	22770
	36	12.5	102	140	14280

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	254.5	68.5
	8.0	318.5	138.2
	10.0	395.4	268.2
	12.5	142.8	151.3
CA60	5.0	760.2	128.9

PESO TOTAL (kg)	
CA50	626.2
CA60	128.9

Volume de concreto (C-25) = 50.34 m³
Volume de concreto (C-30) = 0.37 m³
Área de forma = 51.88 m²

CONSTRUTORA STONE
Tudo pelo gol do cliente!

CNPJ: 23.041.06/0001-17

OBRA: NÚCLEO INFANTIL CANTINHO DO CÉU	ÁREA EXISTENTE: 0,00 m² / ÁREA A CONSTRUIR: 1.199,17m²
LOCAL: BOM JESUS DO AMPARO - MG	EQUIPE TÉCNICA: CLAUDIONOR RODRIGUES Eng. Civil CREA - MG 347/119 / Arquiteta: A. M. G. Nunes Eng. Civil CREA - MG 182.426/D
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE BOM JESUS DO AMPARO-MG CNPJ:18.317.693/0001-06	RESP. TÉCNICO - ENGENHEIRO CIVIL: CLAUDIONOR RODRIGUES Assinado de forma digital por CLAUDIONOR RODRIGUES DE FIGUEIREDO:05836255491 Dados: 2023.02.13 09:08:46 -03'00' — CLAUDIONOR RODRIGUES (STONE) CREA -MG 347/119
CONTEÚDO: FUNDAÇÃO - BLOCOS PILARES E TUTBULÃO	PROJETO: PROJETO ESTRUTURAL
ESCALA: INDICADA	DESENHISTA: STONE
DATA: FEV/2023	FOLHA: 09/ 66

DIREITOS AUTORAIS RESERVADOS. PROIBIDA A REPRODUÇÃO TOTAL OU PARCIAL.