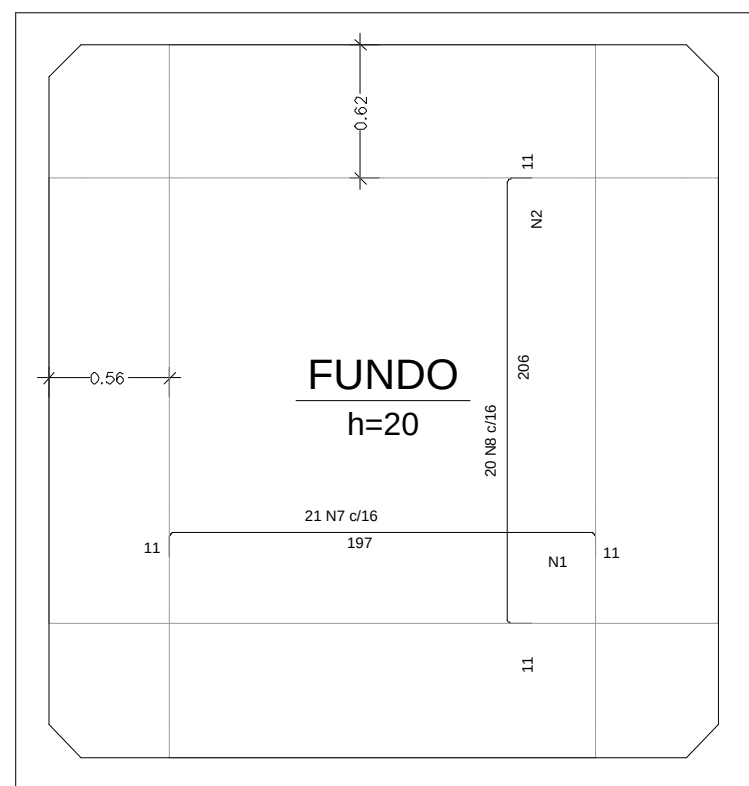


20 NS a8.0 o17 C-330

FUNDO

h=20

20 NS a8.0 o18 C-500



RELAÇÃO DO AÇO						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CX BARRIL	CA60	1	5,0	16	330	5280
	CA60	2	5,0	16	310	4960
	CA60	3	5,0	36	81	2916
	CA60	4	5,0	70	88	4160
	CA50	5	8,0	20	330	6600
	CA50	6	8,0	22	350	7700
	CA50	7	8,0	21	215	4515
	CA50	8	8,0	20	224	4480
	CA50	9	8,0	118	107	7100
	CA50	10	8,0	106	107	5992
	CA50	11	8,0	66	99	5544
	CA50	12	10,0	36	338	12168
	CA50	13	10,0	36	358	12888
	CA50	14	10,0	36	194	6984
	CA50	15	10,0	36	181	6516
	CA50	16	10,0	34	204	6936
	CA50	17	10,0	34	191	6484
	CA50	18	12,5	4	181	724
	CA50	19	12,5	4	351	1404
	CA50	20	12,5	4	331	1324

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	555.9	241.3
	10.0	519.9	352.6
	12.5	34.5	36.6
CA60	5.0	193.2	32.7
PESO TOTAL (kg)			
CA50	630.4		
CA60	32.7		

Volume de concreto (C-50) = 5.46 m³
 Área de forma = 47.57 m²

[illegible]