



Relação do aço						
ELEMENTO	ACO	N	DIAM (mm)	QUANT	C UNIT (mm)	C TOTAL (mm)
V201	CA60	1	5,0	26	76	1976
	CA60	2	8,0	2	393	786
	CA50	3	10,0	3	406	1218
V202	CA60	3	10,0	53	76	3268
	CA50	2	8,0	2	94	188
	CA50	3	8,0	2	536	1072
V203	CA60	4	10,0	1	157	157
	CA50	5	10,0	2	563	1126
	CA60	1	5,0	38	76	2888
	CA50	2	8,0	2	536	1072
	CA50	3	10,0	2	549	1098
V204	CA60	4	10,0	1	157	157
	CA60	1	5,0	37	76	2812
	CA50	2	8,0	2	522	1044
V205	CA60	3	10,0	2	535	1070
	CA50	4	10,0	1	157	157
	CA50	5	5,0	37	76	2812
V206	CA60	2	8,0	2	522	1044
	CA50	3	10,0	2	535	1070
	CA50	4	10,0	1	157	157
V207	CA60	1	5,0	38	76	2888
	CA50	2	8,0	2	536	1072
	CA50	3	10,0	2	549	1098
V208	CA60	4	10,0	1	157	157
	CA60	1	5,0	29	76	2204
	CA50	2	8,0	2	422	844
V209	CA60	3	10,0	2	535	1070
	CA50	4	10,0	1	157	157
	CA50	5	5,0	30	76	2260
V210	CA60	2	8,0	2	436	872
	CA50	3	10,0	2	449	898
	CA50	4	10,0	1	157	157
V211	CA60	1	5,0	30	76	2260
	CA60	2	8,0	2	436	872
	CA50	3	10,0	2	449	898
V212	CA60	4	10,0	1	157	157
	CA60	1	5,0	30	76	2260
	CA50	2	8,0	2	436	872
V213	CA60	3	10,0	2	449	898
	CA50	4	10,0	1	157	157
	CA50	1	5,0	30	76	2260
V214	CA60	2	8,0	2	436	872
	CA50	3	10,0	2	449	898
	CA50	4	10,0	1	157	157
V215	CA60	1	5,0	37	76	2812
	CA50	2	8,0	2	522	1044
	CA50	3	10,0	2	535	1070
V216	CA60	4	10,0	1	157	157
	CA50	5	5,0	37	76	2812
	CA50	2	8,0	2	522	1044
V217	CA60	3	10,0	2	535	1070
	CA50	4	10,0	1	157	157
	CA60	1	5,0	38	76	2888
V218	CA60	2	8,0	2	536	1072
	CA50	3	8,0	2	550	1100
	CA50	4	10,0	1	157	157
V219	CA60	1	5,0	38	76	2888
	CA50	2	8,0	2	536	1072
	CA50	3	8,0	2	550	1100
V220	CA60	1	5,0	37	76	2812
	CA50	2	8,0	2	522	1044
	CA50	3	8,0	2	536	1072
V221	CA60	1	5,0	38	76	2888
	CA50	2	8,0	2	536	1072
	CA50	3	8,0	2	550	1100
V222	CA60	1	5,0	38	76	2888
	CA50	2	8,0	2	536	1072
	CA50	3	8,0	2	550	1100
V223	CA60	1	5,0	38	76	2888
	CA50	2	8,0	2	536	1072
	CA50	3	8,0	2	550	1100
V224	CA60	1	5,0	26	76	1976
	CA50	2	8,0	2	393	786
	CA50	3	10,0	2	406	812
V225	CA60	1	5,0	43	76	3268
	CA50	2	8,0	2	94	188
	CA50	3	8,0	2	536	1072
V226	CA60	1	5,0	37	76	2812
	CA50	2	8,0	2	522	1044
	CA50	3	10,0	2	549	1098
V227	CA60	4	10,0	1	157	157
	CA60	1	5,0	37	76	2812
	CA50	2	8,0	2	522	1044
V228	CA60	3	10,0	2	535	1070
	CA50	4	10,0	1	157	157
	CA50	2	8,0	2	522	1044

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	359.9	156.2
	10.0	246.7	167.3
CA60	5.0	754	127.8
PESO TOTAL (kg)			
CA50	323.5		
CA60	127.8		

Volume de concreto (C-30) = 5.81 m³

Área de forma = 91.61 m²

 COBRIMENTO DAS ARMADURAS DAS VIGAS = 2,5cm

[illegible]