

VIGAS COBERTURA F01



Cobertura
 Desenho de vigas
 Concreto: C25, em geral
 Aço das barras: CA-50 e CA-60
 Escala vigas 1:25
 Escala seções 1:25

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V10	1	Ø10	2	[Diagram]	455	910	5.6	
	2	Ø10	2	[Diagram]	445	890	5.5	
	3	Ø10	1	[Diagram]	290	290	1.8	
	4	Ø6.3	18	[Diagram]	96	1728	4.2	
Total+10%							12.9	
V11	1	Ø10	2	[Diagram]	910	1820	11.2	
	2	Ø10	2	[Diagram]	770	1540	9.5	
	3	Ø10	2	[Diagram]	879	1758	10.8	
	4	Ø10	2	[Diagram]	738	1476	9.1	
	5	Ø6.3	69	[Diagram]	96	6524	16.2	
Total+10%							62.5	
V12	1	Ø10	2	[Diagram]	775	1550	9.6	
	2	Ø10	2	[Diagram]	796	1592	9.9	
	3	Ø6.3	35	[Diagram]	96	3360	8.2	
Total+10%							30.4	
V13	1	Ø10	2	[Diagram]	895	1790	11.0	
	2	Ø10	2	[Diagram]	905	1810	11.2	
	3	Ø12.5	1	[Diagram]	200	200	1.9	
	4	Ø12.5	1	[Diagram]	215	215	2.1	
	5	Ø10	2	[Diagram]	876	1752	10.8	
	6	Ø10	2	[Diagram]	851	1702	10.5	
	7	Ø12.5	1	[Diagram]	295	295	2.7	
	8	Ø6.3	77	[Diagram]	96	7392	18.1	
Total+10%							75.1	
V14	1	Ø10	2	[Diagram]	530	1060	6.5	
	2	Ø10	2	[Diagram]	490	980	6.1	
	3	Ø10	1	[Diagram]	265	265	1.6	
	4	Ø12.5	1	[Diagram]	215	215	2.1	
	5	Ø10	2	[Diagram]	877	1754	10.8	
	6	Ø10	2	[Diagram]	443	886	5.5	
	7	Ø10	1	[Diagram]	255	255	1.6	
	8	Ø10	1	[Diagram]	285	285	1.8	
	9	Ø6.3	59	[Diagram]	96	5664	13.9	
Total+10%							65.4	
V15	1	Ø10	2	[Diagram]	505	1010	6.2	
	2	Ø10	2	[Diagram]	526	1052	6.5	
	3	Ø6.3	23	[Diagram]	96	2208	5.4	
Total+10%							19.9	
V16	1	Ø10	2	[Diagram]	870	1740	10.7	
	2	Ø10	2	[Diagram]	1020	2040	12.6	
	3	Ø10	2	[Diagram]	885	1770	10.9	
	4	Ø10	2	[Diagram]	1004	2008	12.4	
	5	Ø6.3	82	[Diagram]	96	7872	19.3	
Total+10%							72.5	
Total							86.3	93.8
							Ø10	295.2
							Ø12.5	9.6
							Ø20	225.5
							Total	325.5

Resumo Aço	Comp. total (m)	Peso+10% (kg)	Total
CA-50 Ø6.3	836.8	225	
Ø10	830.8	563	
Ø12.5	9.2	10	
Ø20	4.8	13	
			811