



Relação do aço									
VM201	VM202	VM203	VM204	VM205	VM206	VM207	VM208	VM209	VM210
VM211	VM212	VM213	VM214	VM215	VM216	VM217	VM218	VM219	VM220
VM221	VM222	VM223	VM224	VM225	VM226	VM227	VM228	VM229	VM230
VM231	VM232	VM233	VM234	VM235	VM236	VM237	VM238	VM239	VM240
VM241	VM242	VM243	VM244	VM245	VM246	VM247	VM248	VM249	VM250
VM251	VM252	VM253	VM254	VM255	VM256	VM257	VM258	VM259	VM260
VM261	VM262	VM263	VM264	VM265	VM266	VM267	VM268	VM269	VM270
VM271	VM272	VM273	VM274	VM275	VM276	VM277	VM278	VM279	VM280
VM281	VM282	VM283	VM284	VM285	VM286	VM287	VM288	VM289	VM290
VM291	VM292	VM293	VM294	VM295	VM296	VM297	VM298	VM299	VM300
VM301	VM302	VM303	VM304	VM305	VM306	VM307	VM308	VM309	VM310
VM311	VM312	VM313	VM314	VM315	VM316	VM317	VM318	VM319	VM320
VM321	VM322	VM323	VM324	VM325	VM326	VM327	VM328	VM329	VM330
VM331	VM332	VM333	VM334	VM335	VM336	VM337	VM338	VM339	VM340
VM341	VM342	VM343	VM344	VM345	VM346	VM347	VM348	VM349	VM350
VM351	VM352	VM353	VM354	VM355	VM356	VM357	VM358	VM359	VM360
VM361	VM362	VM363	VM364	VM365	VM366	VM367	VM368	VM369	VM370
VM371	VM372	VM373	VM374	VM375	VM376	VM377	VM378	VM379	VM380
VM381	VM382	VM383	VM384	VM385	VM386	VM387	VM388	VM389	VM390
VM391	VM392	VM393	VM394	VM395	VM396	VM397	VM398	VM399	VM400
VM401	VM402	VM403	VM404	VM405	VM406	VM407	VM408	VM409	VM410
VM411	VM412	VM413	VM414	VM415	VM416	VM417	VM418	VM419	VM420
VM421	VM422	VM423	VM424	VM425	VM426	VM427	VM428	VM429	VM430
VM431	VM432	VM433	VM434	VM435	VM436	VM437	VM438	VM439	VM440
VM441	VM442	VM443	VM444	VM445	VM446	VM447	VM448	VM449	VM450
VM451	VM452	VM453	VM454	VM455	VM456	VM457	VM458	VM459	VM460
VM461	VM462	VM463	VM464	VM465	VM466	VM467	VM468	VM469	VM470
VM471	VM472	VM473	VM474	VM475	VM476	VM477	VM478	VM479	VM480
VM481	VM482	VM483	VM484	VM485	VM486	VM487	VM488	VM489	VM490
VM491	VM492	VM493	VM494	VM495	VM496	VM497	VM498	VM499	VM500
VM501	VM502	VM503	VM504	VM505	VM506	VM507	VM508	VM509	VM510
VM511	VM512	VM513	VM514	VM515	VM516	VM517	VM518	VM519	VM520
VM521	VM522	VM523	VM524	VM525	VM526	VM527	VM528	VM529	VM530
VM531	VM532	VM533	VM534	VM535	VM536	VM537	VM538	VM539	VM540
VM541	VM542	VM543	VM544	VM545	VM546	VM547	VM548	VM549	VM550
VM551	VM552	VM553	VM554	VM555	VM556	VM557	VM558	VM559	VM560
VM561	VM562	VM563	VM564	VM565	VM566	VM567	VM568	VM569	VM570
VM571	VM572	VM573	VM574	VM575	VM576	VM577	VM578	VM579	VM580
VM581	VM582	VM583	VM584	VM585	VM586	VM587	VM588	VM589	VM590
VM591	VM592	VM593	VM594	VM595	VM596	VM597	VM598	VM599	VM600
VM601	VM602	VM603	VM604	VM605	VM606	VM607	VM608	VM609	VM610
VM611	VM612	VM613	VM614	VM615	VM616	VM617	VM618	VM619	VM620
VM621	VM622	VM623	VM624	VM625	VM626	VM627	VM628	VM629	VM630
VM631	VM632	VM633	VM634	VM635	VM636	VM637	VM638	VM639	VM640
VM641	VM642	VM643	VM644	VM645	VM646	VM647	VM648	VM649	VM650
VM651	VM652	VM653	VM654	VM655	VM656	VM657	VM658	VM659	VM660
VM661	VM662	VM663	VM664	VM665	VM666	VM667	VM668	VM669	VM670
VM671	VM672	VM673	VM674	VM675	VM676	VM677	VM678	VM679	VM680
VM681	VM682	VM683	VM684	VM685	VM686	VM687	VM688	VM689	VM690
VM691	VM692	VM693	VM694	VM695	VM696	VM697	VM698	VM699	VM700
VM701	VM702	VM703	VM704	VM705	VM706	VM707	VM708	VM709	VM710
VM711	VM712	VM713	VM714	VM715	VM716	VM717	VM718	VM719	VM720
VM721	VM722	VM723	VM724	VM725	VM726	VM727	VM728	VM729	VM730
VM731	VM732	VM733	VM734	VM735	VM736	VM737	VM738	VM739	VM740
VM741	VM742	VM743	VM744	VM745	VM746	VM747	VM748	VM749	VM750
VM751	VM752	VM753	VM754	VM755	VM756	VM757	VM758	VM759	VM760
VM761	VM762	VM763	VM764	VM765	VM766	VM767	VM768	VM769	VM770
VM771	VM772	VM773	VM774	VM775	VM776	VM777	VM778	VM779	VM780
VM781	VM782	VM783	VM784	VM785	VM786	VM787	VM788	VM789	VM790
VM791	VM792	VM793	VM794	VM795	VM796	VM797	VM798	VM799	VM800
VM801	VM802	VM803	VM804	VM805	VM806	VM807	VM808	VM809	VM810
VM811	VM812	VM813	VM814	VM815	VM816	VM817	VM818	VM819	VM820
VM821	VM822	VM823	VM824	VM825	VM826	VM827	VM828	VM829	VM830
VM831	VM832	VM833	VM834	VM835	VM836	VM837	VM838	VM839	VM840
VM841	VM842	VM843	VM844	VM845	VM846	VM847	VM848	VM849	VM850
VM851	VM852	VM853	VM854	VM855	VM856	VM857	VM858	VM859	VM860
VM861	VM862	VM863	VM864	VM865	VM866	VM867	VM868	VM869	VM870
VM871	VM872	VM873	VM874	VM875	VM876	VM877	VM878	VM879	VM880
VM881	VM882	VM883	VM884	VM885	VM886	VM887	VM888	VM889	VM890
VM891	VM892	VM893	VM894	VM895	VM896	VM897	VM898	VM899	VM900
VM901	VM902	VM903	VM904	VM905	VM906	VM907	VM908	VM909	VM910
VM911	VM912	VM913	VM914	VM915	VM916	VM917	VM918	VM919	VM920
VM921	VM922	VM923	VM924	VM925	VM926	VM927	VM928	VM929	VM930
VM931	VM932	VM933	VM934	VM935	VM936	VM937	VM938	VM939	VM940
VM941	VM942	VM943	VM944	VM945	VM946	VM947	VM948	VM949	VM950
VM951	VM952	VM953	VM954	VM955	VM956	VM957	VM958	VM959	VM960
VM961	VM962	VM963	VM964	VM965	VM966	VM967	VM968	VM969	VM970
VM971	VM972	VM973	VM974	VM975	VM976	VM977	VM978	VM979	VM980
VM981	VM982	VM983	VM984	VM985	VM986	VM987	VM988	VM989	VM990
VM991	VM992	VM993	VM994	VM995	VM996	VM997	VM998	VM999	VM1000

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO = 10 % (kg)
CA50	6,3	682	183,6
	8,0	38,4	17,1
	10,0	450	302,2
	12,5	444,6	471,1
	16,0	254,2	441,2
	5,0	1448,1	245,5

PESO TOTAL (kg)

AÇO	PESO TOTAL (kg)
CA50	1418,1
CA60	245,5

Volume de concreto (C-35) = 16,23 m³
Área de forma = 136,23 m²

PROJETO EXECUTIVO

MS_POLICLINICA_EST-33	REV	PROJ	REVISOR	DATA
KAYO HENRIQUE MOREIRA	199774/D			

DISCIPLINA ESTRUTURAL PRANCHA 33/62

PROJETO EXECUTIVO

MS_POLICLINICA_EST-33

KAYO HENRIQUE MOREIRA

199774/D