

ANEXO D

- INDICE DE SOBRESFUERZO A FLEXOCOMPRESION - COLUMNA

TABLE: Concrete Column PMM Envelope							
Label	Story	Section	P	M Major	M Minor	PMM Combo	PMM Ratio or Rebar %
			kN	kN-m	kN-m		
C2	AZOTE A	C1 31X25 cm	130.7267	-32.0175	-33.2146	DISE4	4.61%
C2	AZOTE A	C1 31X25 cm	30.0966	0.7107	-0.2955	DISE18	1%
C3	AZOTE A	C3 83X25 cm	11.3791	2.3403	-0.3028	DISE18	1%
C3	AZOTE A	C3 83X25 cm	23.1472	-0.9601	-1.2804	DISE18	1%
C5	AZOTE A	C5 25X30 cm	49.8412	22.3372	17.1066	DISE4	1.77%
C5	AZOTE A	C5 25X30 cm	19.2164	-0.8423	-0.5151	DISE18	1%
C7	AZOTE A	C7 28X35 cm	-5.7234	32.4287	8.627	DISE4	1.04%
C7	AZOTE A	C7 28X35 cm	11.8077	-0.5192	0.4949	DISE18	1%
C8	AZOTE A	C8 29X40 cm	77.583	1.8916	-32.7677	DISE18	1%
C8	AZOTE A	C8 29X40 cm	46.5935	1.1277	2.3866	DISE18	1%
C9	AZOTE A	CN1	93.8634	11.9888	-95.562	DISE4	O/S
C9	AZOTE A	CN1	97.6996	-12.0466	88.4544	DISE4	O/S
C10	AZOTE A	CN1	19.8124	-20.0744	-4.44	DISE5	O/S
C10	AZOTE A	CN1	23.6486	19.8745	8.2812	DISE5	O/S
C11	AZOTE A	CN1	6.719	-21.5491	-0.8611	DISE5	O/S
C11	AZOTE A	CN1	10.5551	21.424	5.4906	DISE5	O/S
C12	AZOTE A	CN1	0.2063	-22.5577	0.2499	DISE5	O/S
C12	AZOTE A	CN1	4.0424	22.4547	4.2919	DISE5	O/S
C13	AZOTE A	CN1	-0.4555	-23.2188	0.5412	DISE5	O/S
C13	AZOTE A	CN1	3.3807	23.1469	3.7928	DISE5	O/S
C14	AZOTE A	CN1	4.5333	-23.2159	0.4775	DISE5	O/S
C14	AZOTE A	CN1	8.3694	23.1605	3.7556	DISE5	O/S

	A						
C15	AZOTE A	CN1	9.3148	-22.306	0.1176	DISE5	O/S
C15	AZOTE A	CN1	13.151	22.2337	3.9385	DISE5	O/S
C16	AZOTE A	CN1	8.5328	-20.6496	-0.6365	DISE5	O/S
C16	AZOTE A	CN1	12.369	20.5635	3.7909	DISE5	O/S
C17	AZOTE A	CN1	9.6115	-26.0904	-3.3748	DISE6	O/S
C17	AZOTE A	CN1	13.4476	26.0323	5.1244	DISE6	O/S
C18	AZOTE A	CN1	28.7306	-23.0301	-12.8831	DISE6	O/S
C18	AZOTE A	CN1	32.5667	23.1241	11.9804	DISE6	O/S
C19	AZOTE A	CN1	72.2618	-13.3847	-49.622	DISE5	O/S
C19	AZOTE A	CN1	76.0979	13.4484	47.5118	DISE5	O/S
C20	AZOTE A	CN2	1.0529	13.266	-30.2603	DISE4	O/S
C20	AZOTE A	CN2	4.8891	-7.8572	30.1731	DISE4	O/S
C21	AZOTE A	CN2	19.9903	3.1881	-34.0635	DISE4	O/S
C21	AZOTE A	CN2	23.8265	1.6238	33.9954	DISE4	O/S
C22	AZOTE A	CN2	23.1505	-0.9089	-33.5562	DISE4	O/S
C22	AZOTE A	CN2	26.9866	3.9081	33.4431	DISE4	O/S
C23	AZOTE A	CN2	34.4177	-7.4	-30.2644	DISE4	O/S
C23	AZOTE A	CN2	38.2539	8.1969	30.2526	DISE4	O/S
C24	AZOTE A	CN2	44.1903	-32.3213	-24.1867	DISE4	O/S
C24	AZOTE A	CN2	48.0265	31.589	23.803	DISE4	O/S
C2	P5	C1 31X25 cm	146.2175	-19.6513	-32.7852	DISE4	2.82%
C2	P5	C1 31X25 cm	76.4184	5.6601	-3.6665	DISE18	1%
C3	P5	C3 83X25 cm	51.4556	8.1049	-1.6838	DISE18	1%

C3	P5	C3 83X25 cm	54.2444	-3.5857	-0.7799	DISE18	1%
C5	P5	C5 25X30 cm	35.8163	6.4168	3.3934	DISE18	1%
C5	P5	C5 25X30 cm	36.8243	-3.5063	-1.9807	DISE18	1%
C7	P5	C7 28X35 cm	17.9011	5.5681	2.7048	DISE18	1%
C7	P5	C7 28X35 cm	19.2182	-4.7896	-1.9591	DISE18	1%
C8	P5	C8 29X40 cm	105.1886	2.5777	-27.8685	DISE18	1%
C8	P5	C8 29X40 cm	106.7477	2.6168	6.4742	DISE18	1%
C9	P5	CN1	69.6983	17.9834	-	DISE4	O/S
C9	P5	CN1	70.6531	8.746	-56.3403	DISE4	5.17%
C10	P5	CN1	57.0525	21.5226	-21.4661	DISE4	O/S
C10	P5	CN1	36.9696	-15.7501	4.3546	DISE6	3.99%
C11	P5	CN1	27.9678	23.3374	-6.7067	DISE4	O/S
C11	P5	CN1	19.8776	-16.6712	2.8296	DISE6	4.30%
C12	P5	CN1	3.8694	23.8147	-4.5809	DISE4	O/S
C12	P5	CN1	2.6749	-17.1032	2.0434	DISE6	4.42%
C13	P5	CN1	-2.9261	23.6545	-3.8935	DISE4	O/S
C13	P5	CN1	1.9922	-17.6116	1.3408	DISE6	4.68%
C14	P5	CN1	2.4999	23.0468	-2.8441	DISE4	O/S
C14	P5	CN1	15.918	-17.9614	0.5771	DISE6	4.87%
C15	P5	CN1	9.4281	22.3723	-1.0678	DISE4	O/S
C15	P5	CN1	29.3701	-17.6843	-0.7785	DISE6	4.75%
C16	P5	CN1	7.0333	21.2406	-1.0434	DISE4	O/S
C16	P5	CN1	27.2599	-16.595	-0.7222	DISE6	4.12%
C17	P5	CN1	23.8584	-22.2908	0.2916	DISE5	O/S
C17	P5	CN1	26.1834	-15.3272	-1.3262	DISE6	3.48%
C18	P5	CN1	38.6765	-20.5434	-6.7246	DISE5	O/S
C18	P5	CN1	41.9512	-14.2132	-4.6736	DISE6	3.16%
C19	P5	CN1	42.9135	16.5324	-29.2292	DISE4	O/S
C19	P5	CN1	92.6322	-12.8763	-27.0098	DISE6	4.35%
C20	P5	CN2	105.3274	-2.8427	-19.3329	DISE2	O/S
C20	P5	CN2	59.6553	7.7692	-20.2445	DISE4	O/S
C21	P5	CN2	70.9302	5.3358	-46.6852	DISE4	O/S
C21	P5	CN2	71.885	2.0158	-22.753	DISE4	O/S
C22	P5	CN2	43.9369	1.7515	-44.0348	DISE4	O/S
C22	P5	CN2	44.8917	1.1966	-21.4767	DISE4	O/S

C23	P5	CN2	41.6154	-3.3898	-40.2856	DISE4	O/S
C23	P5	CN2	42.5702	-1.8537	-19.5918	DISE4	5.96%
C24	P5	CN2	70.1066	-30.3935	-33.273	DISE4	O/S
C24	P5	CN2	71.0614	-14.6814	-16.2113	DISE4	5.20%
C2	P4	C1 31X25 cm	272.0929	-21.9195	-39.1942	DISE4	3.94%
C2	P4	C1 31X25 cm	125.5866	6.0794	-3.2527	DISE18	1%
C3	P4	C3 83X25 cm	70.6093	9.806	0.4619	DISE18	1%
C3	P4	C3 83X25 cm	73.2985	-6.9801	0.2418	DISE18	1%
C5	P4	C5 25X30 cm	-26.4061	15.6655	13.85	DISE4	1.09%
C5	P4	C5 25X30 cm	22.486	-3.4491	-2.4245	DISE18	1%
C7	P4	C7 28X35 cm	33.5389	4.958	3.8517	DISE18	1%
C7	P4	C7 28X35 cm	34.809	-4.3556	-3.0512	DISE18	1%
C8	P4	C8 29X40 cm	557.9128	-22.9504	-65.3733	DISE6	1.72%
C8	P4	C8 29X40 cm	151.4253	-3.768	7.0527	DISE18	1%
C9	P4	CN1	-1.4824	15.6072	115.7213	DISE4	O/S
C9	P4	CN1	-0.5617	8.486	-59.4003	DISE4	5.19%
C10	P4	CN1	83.5311	22.0837	-41.2829	DISE4	O/S
C10	P4	CN1	93.0913	-18.5716	3.3805	DISE6	5.67%
C11	P4	CN1	41.4028	23.5658	-7.6504	DISE4	O/S
C11	P4	CN1	31.4155	-18.1095	2.6525	DISE6	5.18%
C12	P4	CN1	3.2352	23.001	-0.3373	DISE4	O/S
C12	P4	CN1	-1.35	-18.201	2.1914	DISE6	5.11%
C13	P4	CN1	-4.3601	22.5559	0.8993	DISE4	O/S
C13	P4	CN1	-0.7554	-18.9527	2.3231	DISE6	5.54%
C14	P4	CN1	4.2484	21.8976	-0.4603	DISE4	O/S
C14	P4	CN1	24.8909	-19.7332	2.9506	DISE6	O/S
C15	P4	CN1	23.0112	21.8384	-8.4046	DISE4	O/S
C15	P4	CN1	58.0795	-19.9003	2.9592	DISE6	O/S
C16	P4	CN1	13.0704	20.6628	-2.7301	DISE4	O/S
C16	P4	CN1	41.7484	-18.2913	3.2112	DISE6	5.36%
C17	P4	CN1	41.0961	-22.5491	-6.3389	DISE5	O/S
C17	P4	CN1	44.4203	-17.0341	1.3991	DISE6	4.43%
C18	P4	CN1	27.8554	-20.8774	-12.8155	DISE5	O/S

C18	P4	CN1	28.1865	-15.6646	-4.2776	DISE6	3.92%
C19	P4	CN1	102.5651	-20.5852	-59.721	DISE5	O/S
C19	P4	CN1	112.116	-15.3304	-33.8931	DISE6	O/S
C20	P4	CN2	174.5894	-9.573	-21.3101	DISE2	O/S
C20	P4	CN2	155.4984	8.9195	-25.8572	DISE4	O/S
C21	P4	CN2	246.762	-12.7516	-19.1944	DISE2	O/S
C21	P4	CN2	158.3418	4.3798	-28.6109	DISE4	O/S
C22	P4	CN2	43.369	-1.9328	-41.7008	DISE4	O/S
C22	P4	CN2	44.2897	1.1824	-22.4922	DISE4	O/S
C23	P4	CN2	15.8473	-6.7858	-38.1412	DISE4	O/S
C23	P4	CN2	16.768	-2.1815	-20.4377	DISE4	O/S
C24	P4	CN2	126.618	-33.0475	-35.6043	DISE4	O/S
C24	P4	CN2	127.5387	-17.0257	-18.8353	DISE4	O/S
C1	P3	C2 45X30 cm	1057.747	-	-	DISE2	O/S
C1	P3	C2 45X30 cm	1233.892	-	-	DISE6	5.81%
C2	P3	C1 31X25 cm	533.1473	-22.7528	-106.552	DISE4	O/S
C2	P3	C1 31X25 cm	-263.114	5.9832	24.5675	DISE6	1.76%
C3	P3	C3 83X25 cm	608.3462	-24.419	72.8676	DISE6	1.02%
C3	P3	C3 83X25 cm	82.543	-14.82	-1.1166	DISE18	1%
C4	P3	C4 45X27 cm	220.7928	160.2949	-	DISE4	O/S
C4	P3	C4 45X27 cm	223.1722	70.4645	-54.1709	DISE4	2.71%
C5	P3	C5 25X30 cm	329.412	-7.9849	37.1422	DISE6	3.98%
C5	P3	C5 25X30 cm	330.8808	8.0206	-26.3995	DISE6	1.98%
C6	P3	C6 30X27 cm	105.8424	61.3316	-73.5135	DISE4	O/S
C6	P3	C6 30X27 cm	107.4287	25.2205	-33.6643	DISE4	3.02%
C7	P3	C7 28X35 cm	-	-	-	DISE6	1.27%
C7	P3	C7 28X35 cm	194.7731	-20.7435	-15.162	DISE6	1.27%
C7	P3	C7 28X35 cm	66.9735	-1.6967	-4.2739	DISE18	1%
C8	P3	C8 29X40 cm	832.2218	-72.1276	-68.6469	DISE6	5.61%
C8	P3	C8 29X40 cm	189.6214	4.7659	7.6424	DISE18	1%

[illegible]