

Tabla 92. Solicitaciones mínimas en pedestales. (Continuación).

226	-31.74	-3.35	980.48	-11.18	-104.75	-13.68	-4.19	935.98	-13.93	-45.16
230	-31.74	-2.44	1109.39	-8.19	-104.75	-13.68	-3.86	1137.65	-12.87	-45.16
234	-31.74	-1.72	1306.84	-5.83	-104.75	-13.68	-3.60	1331.46	-12.01	-45.16
238	-31.74	-2.39	1064.05	-8.05	-104.75	-13.68	-3.78	1098.69	-12.62	-45.16
242	-31.74	-3.28	-644.34	-10.98	-104.75	-13.68	-4.05	214.31	-13.51	-45.16
246	-74.49	-5.95	-783.76	-19.85	-245.83	-32.11	-5.90	143.90	-19.70	-105.98
270	-70.96	-6.08	1057.36	-20.20	-234.16	-30.26	-6.18	1107.08	-20.54	-99.86
274	-30.24	-3.35	1126.38	-11.18	-99.78	-12.89	-4.19	1162.83	-13.93	-42.55
278	-30.24	-2.44	1105.26	-8.19	-99.78	-12.89	-3.86	1134.92	-12.87	-42.55
282	-30.24	-1.72	1311.39	-5.83	-99.78	-12.89	-3.60	1332.92	-12.01	-42.55
286	-30.24	-2.39	1077.32	-8.05	-99.78	-12.89	-3.78	1106.80	-12.62	-42.55
290	-30.24	-3.28	1132.49	-10.98	-99.78	-12.89	-4.05	1162.78	-13.51	-42.55
294	-70.96	-5.95	1030.76	-19.85	-234.16	-30.26	-5.90	1104.02	-19.70	-99.86
304	-67.48	-6.08	283.40	-20.20	-222.67	-28.44	-6.18	-391.82	-20.54	-93.84
308	-28.75	-3.35	1119.13	-11.18	-94.88	-12.12	-4.19	1151.63	-13.93	-39.99
312	-28.75	-2.44	1105.99	-8.19	-94.88	-12.12	-3.86	1136.23	-12.87	-39.99
316	-28.75	-1.72	1340.73	-5.83	-94.88	-12.12	-3.60	1360.92	-12.01	-39.99
320	-28.75	-2.39	1106.00	-8.05	-94.88	-12.12	-3.78	1134.89	-12.62	-39.99
324	-28.75	-3.28	1132.43	-10.98	-94.88	-12.12	-4.05	1162.43	-13.51	-39.99
328	-67.48	-5.95	1028.49	-19.85	-222.67	-28.44	-5.90	1100.43	-19.70	-93.84
338	-64.06	-6.08	359.59	-20.20	-211.39	-26.65	-6.18	-24.74	-20.54	-87.94
342	-27.30	-3.35	1134.97	-11.18	-90.08	-11.36	-4.19	1160.05	-13.93	-37.47
346	-27.30	-2.44	1030.40	-8.19	-90.08	-11.36	-3.86	1080.23	-12.87	-37.47
350	-27.30	-1.72	1299.79	-5.83	-90.08	-11.36	-3.60	1321.60	-12.01	-37.47
354	-27.30	-2.39	1102.65	-8.05	-90.08	-11.36	-3.78	1113.39	-12.62	-37.47
358	-27.30	-3.28	-272.33	-10.98	-90.08	-11.36	-4.05	-662.12	-13.51	-37.47
362	-64.06	-5.95	1022.40	-19.85	-211.39	-26.65	-5.90	1100.37	-19.70	-87.94
386	-60.72	-6.08	755.15	-20.20	-200.37	-24.91	-6.18	736.46	-20.54	-82.20
390	-25.87	-3.35	1101.98	-11.18	-85.38	-10.61	-4.19	1159.19	-13.93	-35.02
394	-25.87	-2.44	1030.34	-8.19	-85.38	-10.61	-3.86	1084.14	-12.87	-35.02
398	-25.87	-1.72	1250.25	-5.83	-85.38	-10.61	-3.60	1293.63	-12.01	-35.02
402	-25.87	-2.39	1041.81	-8.05	-85.38	-10.61	-3.78	979.59	-12.62	-35.02
406	-25.87	-3.28	-295.31	-10.98	-85.38	-10.61	-4.05	-671.74	-13.51	-35.02
410	-60.72	-5.95	1025.96	-19.85	-200.37	-24.91	-5.90	1071.33	-19.70	-82.20
420	-57.47	-6.08	1042.37	-20.20	-189.65	-23.22	-6.18	1086.07	-20.54	-76.64
424	-24.49	-3.35	1126.31	-11.18	-80.81	-9.90	-4.19	1162.58	-13.93	-32.66
428	-24.49	-2.44	1104.87	-8.19	-80.81	-9.90	-3.86	1134.53	-12.87	-32.66
432	-24.49	-1.72	1342.45	-5.83	-80.81	-9.90	-3.60	1362.98	-12.01	-32.66
436	-24.49	-2.39	1038.29	-8.05	-80.81	-9.90	-3.78	963.65	-12.62	-32.66
440	-24.49	-3.28	1133.63	-10.98	-80.81	-9.90	-4.05	1162.92	-13.51	-32.66
444	-57.47	-5.95	1020.17	-19.85	-189.65	-23.22	-5.90	1086.71	-19.70	-76.64
454	-54.33	-6.08	1038.14	-20.20	-179.29	-21.62	-6.18	1080.28	-20.54	-71.34
458	-23.15	-3.35	1125.75	-11.18	-76.39	-9.21	-4.19	1162.46	-13.93	-30.40
462	-23.15	-2.44	1105.12	-8.19	-76.39	-9.21	-3.86	1134.54	-12.87	-30.40
466	-23.15	-1.72	570.84	-5.83	-76.39	-9.21	-3.60	1019.51	-12.01	-30.40

Tabla 92. Solicitaciones mínimas en pedestales. (Continuación).

470	-23.15	-2.39	392.27	-8.05	-76.39	-9.21	-3.78	824.33	-12.62	-30.40
474	-23.15	-3.28	1132.94	-10.98	-76.39	-9.21	-4.05	1159.54	-13.51	-30.40
478	-54.33	-5.95	1017.57	-19.85	-179.29	-21.62	-5.90	1081.33	-19.70	-71.34
502	-51.32	-6.08	1034.25	-20.20	-169.36	-20.11	-6.18	1074.44	-20.54	-66.37
506	-21.87	-3.35	1125.25	-11.18	-72.16	-8.57	-4.19	1161.32	-13.93	-28.28
510	-21.87	-2.44	1108.50	-8.19	-72.16	-8.57	-3.86	1137.35	-12.87	-28.28
514	-21.87	-1.72	1297.34	-5.83	-72.16	-8.57	-3.60	1321.35	-12.01	-28.28
518	-21.87	-2.39	1009.05	-8.05	-72.16	-8.57	-3.78	1059.63	-12.62	-28.28
522	-21.87	-3.28	-1775.73	-10.98	-72.16	-8.57	-4.05	-966.73	-13.51	-28.28
526	-51.32	-5.95	-2164.58	-19.85	-169.36	-20.11	-5.90	-1262.00	-19.70	-66.37
536	-48.47	-6.08	577.32	-20.20	-159.96	-18.74	-6.18	602.03	-20.54	-61.85
540	-20.65	-3.35	552.85	-11.18	-68.16	-7.99	-4.19	613.28	-13.93	-26.35
544	-20.65	-2.44	549.37	-8.19	-68.16	-7.99	-3.86	594.08	-12.87	-26.35
548	-20.65	-1.72	-143.64	-5.83	-68.16	-7.99	-3.60	-440.78	-12.01	-26.35
552	-20.65	-2.39	-287.60	-8.05	-68.16	-7.99	-3.78	-479.25	-12.62	-26.35
556	-20.65	-3.28	426.29	-10.98	-68.16	-7.99	-4.05	413.36	-13.51	-26.35
560	-48.47	-5.95	573.98	-19.85	-159.96	-18.74	-5.90	603.72	-19.70	-61.85
570	-48.02	-8.48	32.94	-28.11	-158.47	-19.14	-7.04	-491.30	-23.37	-63.17
574	-20.46	-4.51	234.25	-14.99	-67.52	-8.16	-4.58	277.22	-15.23	-26.92
578	-20.46	-4.15	244.17	-13.81	-67.52	-8.16	-4.24	284.69	-14.11	-26.92
582	-48.02	-7.93	441.59	-26.37	-158.47	-19.14	-6.40	513.49	-21.30	-63.17
606	-19.19	-3.36	325.69	-15.17	-86.35	-7.59	-2.79	-221.32	-12.61	-34.18
610	-8.14	-1.79	1191.20	-8.09	-36.63	-3.22	-1.81	1195.09	-8.22	-14.50
614	-8.14	-1.21	1162.06	-5.51	-36.63	-3.22	-1.61	1162.56	-7.28	-14.50
618	-8.14	-0.62	1342.19	-2.85	-36.63	-3.22	-1.39	1348.44	-6.34	-14.50
622	-8.14	-1.08	1116.94	-4.94	-36.63	-3.22	-1.51	1128.98	-6.88	-14.50
626	-8.14	-1.64	486.25	-7.46	-36.63	-3.22	-1.68	862.20	-7.62	-14.50
630	-19.19	-3.14	360.12	-14.23	-86.35	-7.59	-2.53	708.10	-11.50	-34.18
640	-19.54	-3.36	1089.42	-15.17	-87.91	-7.74	-2.79	1117.15	-12.61	-34.85
644	-8.29	-1.79	1183.05	-8.09	-37.29	-3.29	-1.81	1170.34	-8.22	-14.78
648	-8.29	-1.21	628.31	-5.51	-37.29	-3.29	-1.61	68.26	-7.28	-14.78
652	-8.29	-0.62	1371.83	-2.85	-37.29	-3.29	-1.39	1370.64	-6.34	-14.78
656	-8.29	-1.08	1125.42	-4.94	-37.29	-3.29	-1.51	1149.08	-6.88	-14.78
660	-8.29	-1.64	-274.08	-7.46	-37.29	-3.29	-1.68	-139.83	-7.62	-14.78
664	-19.54	-3.14	-490.78	-14.23	-87.91	-7.74	-2.53	-327.75	-11.50	-34.85
674	-20.16	-3.36	289.32	-15.17	-90.74	-8.07	-2.79	-98.78	-12.61	-36.31
678	-8.55	-1.79	1180.84	-8.09	-38.49	-3.42	-1.81	1177.54	-8.22	-15.40
682	-8.55	-1.21	533.38	-5.51	-38.49	-3.42	-1.61	-15.17	-7.28	-15.40
686	-8.55	-0.62	1332.04	-2.85	-38.49	-3.42	-1.39	1329.95	-6.34	-15.40
690	-8.55	-1.08	1161.10	-4.94	-38.49	-3.42	-1.51	1161.85	-6.88	-15.40
694	-8.55	-1.64	1191.96	-7.46	-38.49	-3.42	-1.68	1198.61	-7.62	-15.40
698	-20.16	-3.14	1072.24	-14.23	-90.74	-8.07	-2.53	1116.14	-11.50	-36.31
722	-21.05	-3.36	239.80	-15.17	-94.71	-8.54	-2.79	-137.61	-12.61	-38.43
726	-8.93	-1.79	1193.54	-8.09	-40.17	-3.62	-1.81	1194.14	-8.22	-16.30
730	-8.93	-1.21	1127.27	-5.51	-40.17	-3.62	-1.61	1129.52	-7.28	-16.30

Tabla 92. Solicitaciones mínimas en pedestales. (Continuación).

734	-8.93	-0.62	1339.15	-2.85	-40.17	-3.62	-1.39	1340.65	-6.34	-16.30
738	-8.93	-1.08	1121.15	-4.94	-40.17	-3.62	-1.51	1117.23	-6.88	-16.30
742	-8.93	-1.64	-697.72	-7.46	-40.17	-3.62	-1.68	-838.70	-7.62	-16.30
746	-21.05	-3.14	-189.19	-14.23	-94.71	-8.54	-2.53	114.54	-11.50	-38.43
756	-22.15	-3.36	1093.83	-15.17	-99.68	-9.13	-2.79	1133.24	-12.61	-41.10
760	-9.40	-1.79	1190.08	-8.09	-42.28	-3.87	-1.81	1197.73	-8.22	-17.44
764	-9.40	-1.21	1161.16	-5.51	-42.28	-3.87	-1.61	1166.78	-7.28	-17.44
768	-9.40	-0.62	1372.13	-2.85	-42.28	-3.87	-1.39	1383.45	-6.34	-17.44
772	-9.40	-1.08	1134.66	-4.94	-42.28	-3.87	-1.51	1157.33	-6.88	-17.44
776	-9.40	-1.64	44.82	-7.46	-42.28	-3.87	-1.68	-303.98	-7.62	-17.44
780	-22.15	-3.14	1088.46	-14.23	-99.68	-9.13	-2.53	1137.12	-11.50	-41.10
790	-17.13	-2.45	1103.64	-12.30	-85.67	-7.18	-2.03	1142.50	-10.23	-35.90
794	-7.26	-1.30	1199.68	-6.56	-36.30	-3.04	-1.32	1203.25	-6.66	-15.21
798	-7.26	-0.88	1156.30	-4.46	-36.30	-3.04	-1.17	1164.53	-5.90	-15.21
802	-7.26	-0.45	1296.03	-2.31	-36.30	-3.04	-1.02	1321.85	-5.14	-15.21
806	-7.26	-0.79	-243.97	-4.01	-36.30	-3.04	-1.10	263.96	-5.58	-15.21
810	-7.26	-1.20	-177.28	-6.04	-36.30	-3.04	-1.22	325.17	-6.17	-15.21
814	-17.13	-2.29	1095.40	-11.54	-85.67	-7.18	-1.85	1136.94	-9.32	-35.90
838	-18.20	-2.45	1102.01	-12.30	-90.98	-7.74	-2.03	1142.95	-10.23	-38.69
842	-7.71	-1.30	1199.18	-6.56	-38.55	-3.28	-1.32	1203.13	-6.66	-16.40
846	-7.71	-0.88	1163.19	-4.46	-38.55	-3.28	-1.17	1169.47	-5.90	-16.40
850	-7.71	-0.45	1317.87	-2.31	-38.55	-3.28	-1.02	1335.59	-5.14	-16.40
854	-7.71	-0.79	1131.71	-4.01	-38.55	-3.28	-1.10	1136.57	-5.58	-16.40
858	-7.71	-1.20	1194.68	-6.04	-38.55	-3.28	-1.22	1201.64	-6.17	-16.40
862	-18.20	-2.29	1097.62	-11.54	-90.98	-7.74	-1.85	1143.31	-9.32	-38.69
872	-19.36	-2.45	655.11	-12.30	-96.78	-8.34	-2.03	787.54	-10.23	-41.71
876	-8.20	-1.30	1196.67	-6.56	-41.01	-3.54	-1.32	1203.48	-6.66	-17.68
880	-8.20	-0.88	1164.48	-4.46	-41.01	-3.54	-1.17	1168.66	-5.90	-17.68
884	-8.20	-0.45	1392.46	-2.31	-41.01	-3.54	-1.02	1399.35	-5.14	-17.68
888	-8.20	-0.79	1163.63	-4.01	-41.01	-3.54	-1.10	1181.97	-5.58	-17.68
892	-8.20	-1.20	1200.62	-6.04	-41.01	-3.54	-1.22	1215.26	-6.17	-17.68
896	-19.36	-2.29	1096.25	-11.54	-96.78	-8.34	-1.85	1141.05	-9.32	-41.71
906	-20.60	-2.45	128.89	-12.30	-102.98	-8.98	-2.03	705.34	-10.23	-44.91
910	-8.73	-1.30	-56.15	-6.56	-43.64	-3.81	-1.32	-83.25	-6.66	-19.03
914	-8.73	-0.88	368.16	-4.46	-43.64	-3.81	-1.17	801.28	-5.90	-19.03
918	-8.73	-0.45	483.55	-2.31	-43.64	-3.81	-1.02	960.83	-5.14	-19.03
922	-8.73	-0.79	1157.35	-4.01	-43.64	-3.81	-1.10	1167.01	-5.58	-19.03
926	-8.73	-1.20	1192.68	-6.04	-43.64	-3.81	-1.22	1200.74	-6.17	-19.03
930	-20.60	-2.29	1100.42	-11.54	-102.98	-8.98	-1.85	1144.91	-9.32	-44.91
954	-21.90	-2.45	1111.30	-12.30	-109.52	-9.65	-2.03	1150.24	-10.23	-48.24
958	-9.28	-1.30	452.84	-6.56	-46.41	-4.09	-1.32	-7.89	-6.66	-20.44
962	-9.28	-0.88	1111.78	-4.46	-46.41	-4.09	-1.17	1106.91	-5.90	-20.44
966	-9.28	-0.45	1319.82	-2.31	-46.41	-4.09	-1.02	1334.72	-5.14	-20.44
970	-9.28	-0.79	1162.68	-4.01	-46.41	-4.09	-1.10	1169.39	-5.58	-20.44
974	-9.28	-1.20	1194.83	-6.04	-46.41	-4.09	-1.22	1200.15	-6.17	-20.44

Tabla 92. Solicitaciones mínimas en pedestales. (Continuación).

978	-21.90	-2.29	1100.27	-11.54	-109.52	-9.65	-1.85	1142.70	-9.32	-48.24
988	-23.27	-2.45	180.56	-12.30	-116.33	-10.34	-2.03	687.35	-10.23	-51.68
992	-9.86	-1.30	-131.08	-6.56	-49.29	-4.38	-1.32	-99.95	-6.66	-21.90
996	-9.86	-0.88	1146.27	-4.46	-49.29	-4.38	-1.17	1143.70	-5.90	-21.90
1000	-9.86	-0.45	1384.96	-2.31	-49.29	-4.38	-1.02	1385.57	-5.14	-21.90
1004	-9.86	-0.79	184.62	-4.01	-49.29	-4.38	-1.10	-209.00	-5.58	-21.90
1008	-9.86	-1.20	994.82	-6.04	-49.29	-4.38	-1.22	960.60	-6.17	-21.90
1012	-23.27	-2.29	1095.09	-11.54	-116.33	-10.34	-1.85	1132.63	-9.32	-51.68
1022	-24.68	-2.45	-921.61	-12.30	-123.38	-11.04	-2.03	-266.44	-10.23	-55.22
1026	-10.46	-1.30	-922.88	-6.56	-52.28	-4.68	-1.32	-696.09	-6.66	-23.40
1030	-10.46	-0.88	599.34	-4.46	-52.28	-4.68	-1.17	628.39	-5.90	-23.40
1034	-10.46	-0.45	712.94	-2.31	-52.28	-4.68	-1.02	742.36	-5.14	-23.40
1038	-10.46	-0.79	-305.92	-4.01	-52.28	-4.68	-1.10	-686.81	-5.58	-23.40
1042	-10.46	-1.20	-266.05	-6.04	-52.28	-4.68	-1.22	264.83	-6.17	-23.40
1046	-24.68	-2.29	-310.29	-11.54	-123.38	-11.04	-1.85	248.08	-9.32	-55.22

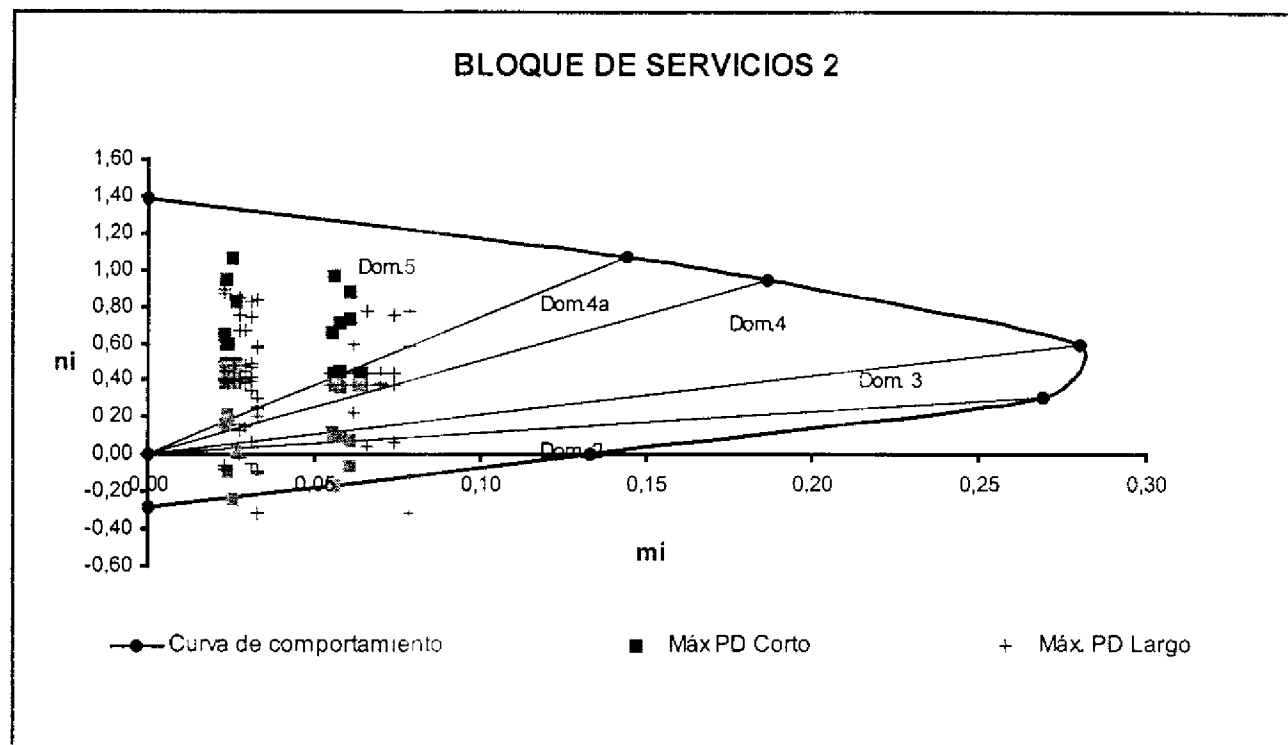


Figura 41. Diagrama de interacción PD 1.1S Modificado Diámetro 3/4 Lado Mayor.

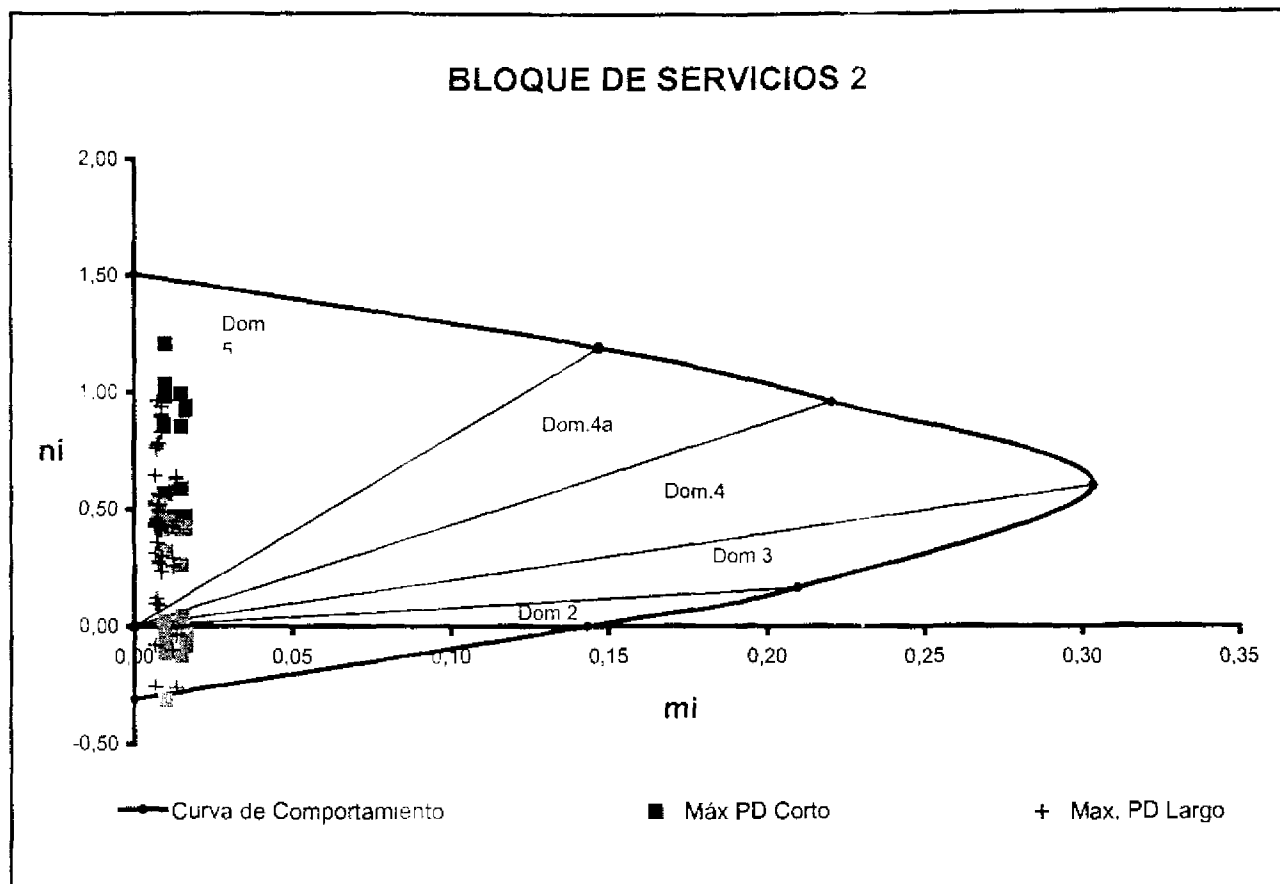


Figura 42. Diagrama de interacción PD 1.1S Modificado Diám. 3/4 Lado Menor.

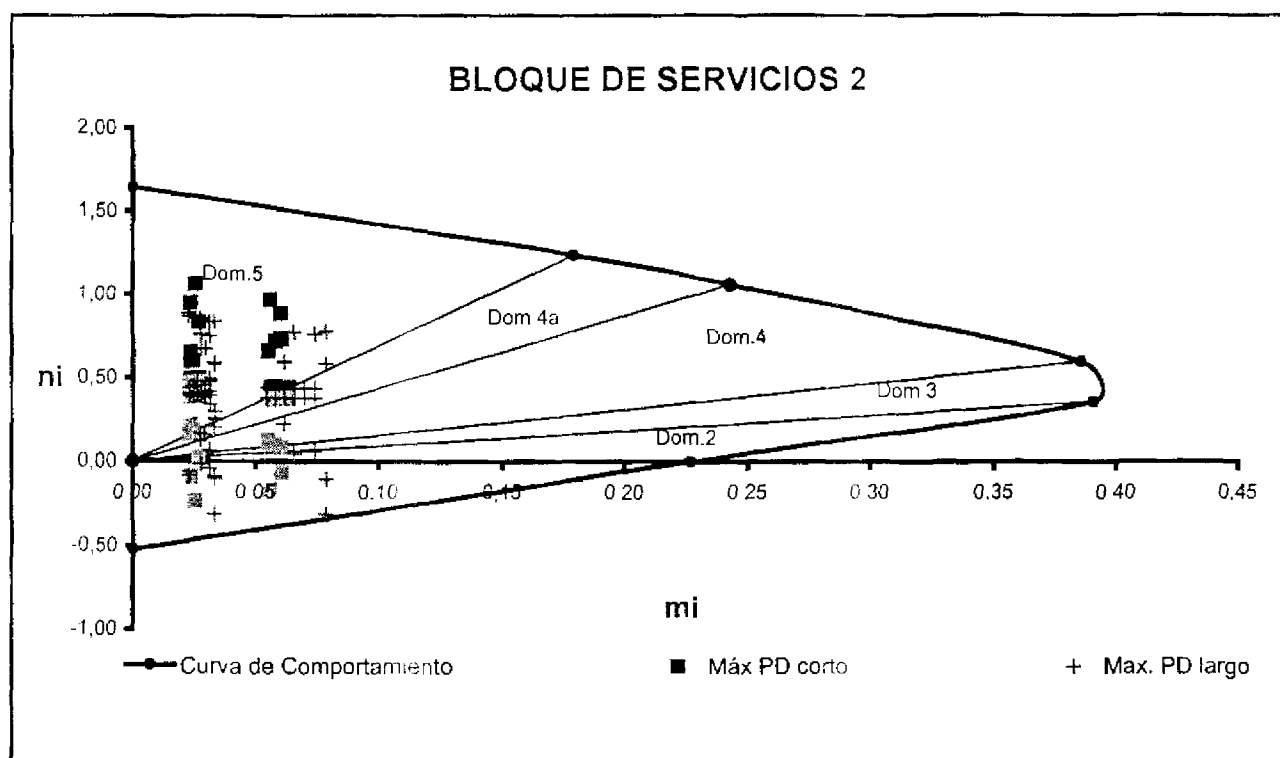


Figura 43. Diagrama de interacción PD 1.1S Mod. Lado Mayor Diám. 25 mm.

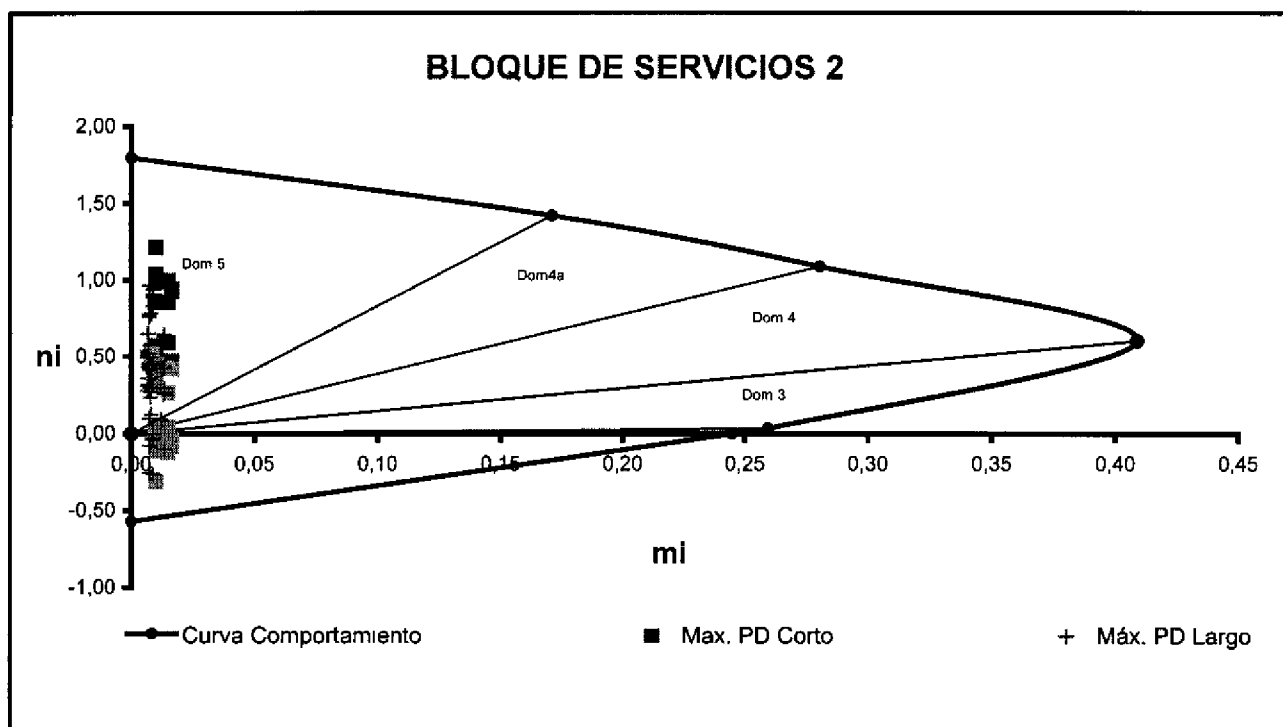


Figura 44. Diagrama de interacción PD 1.1S Modificado Diám. 25 Lado Menor Comb. 2.

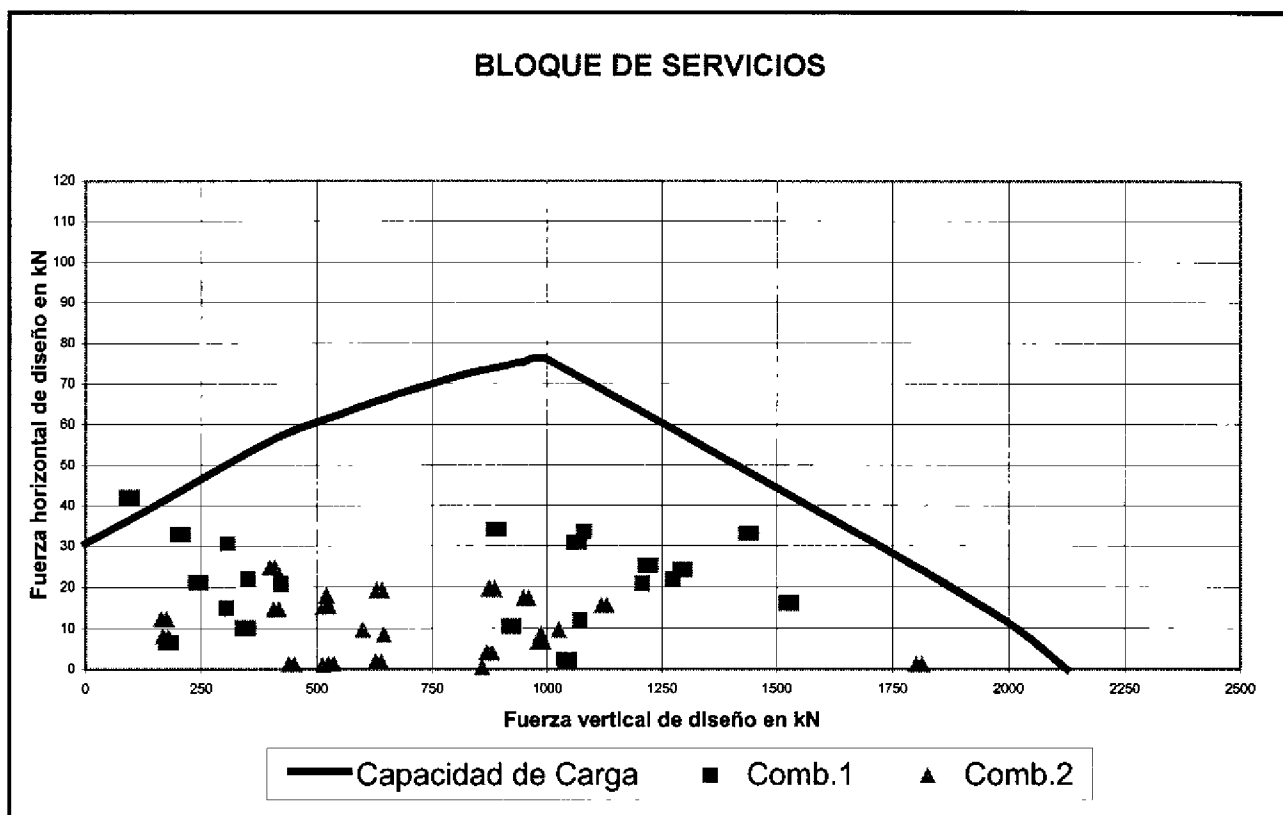


Figura 45. Columna KR Lado Mayor 2 Piso

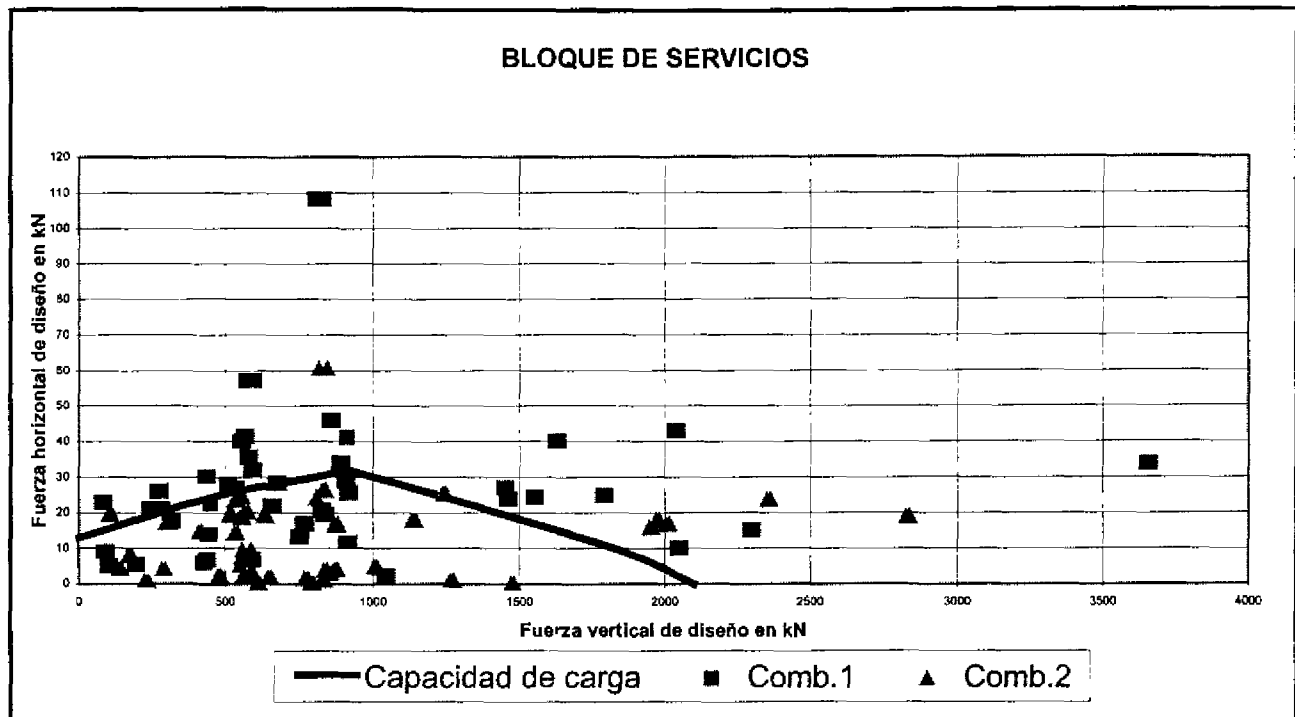


Figura 46. Columna KR Lado menor 2 Piso

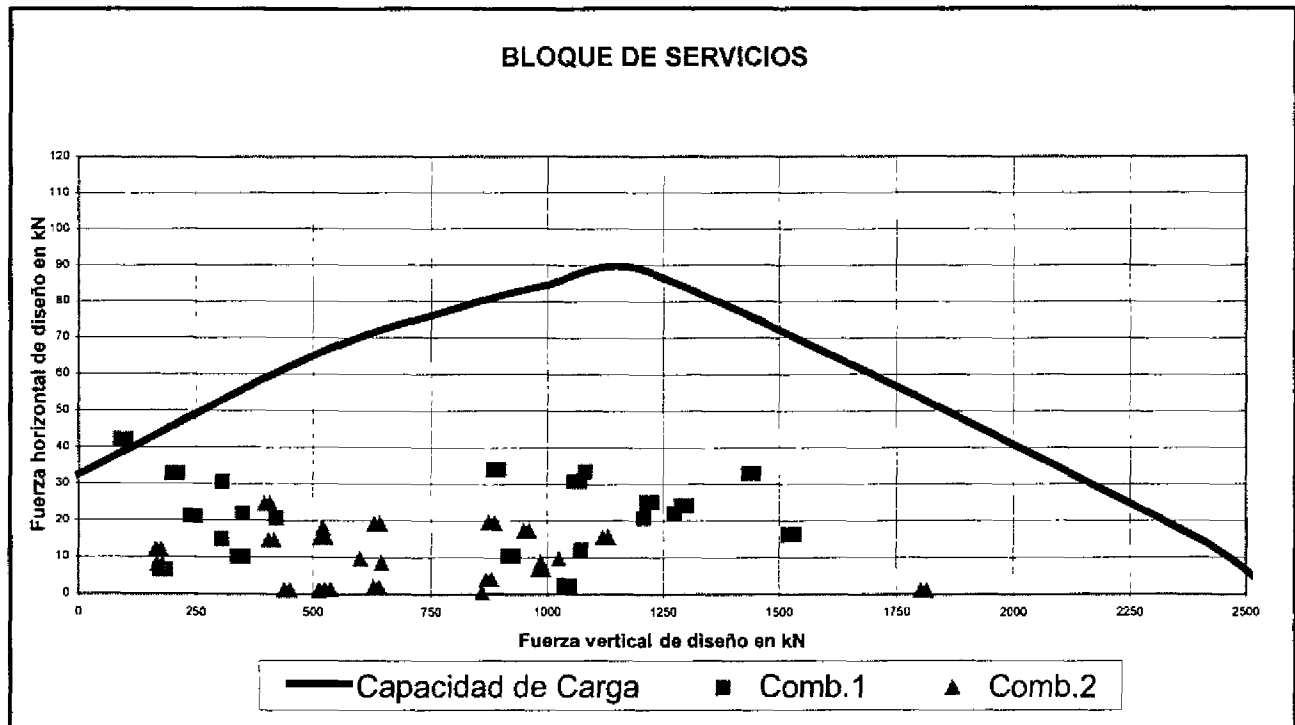


Figura 47. Columna KMR Lado Mayor 2 Piso

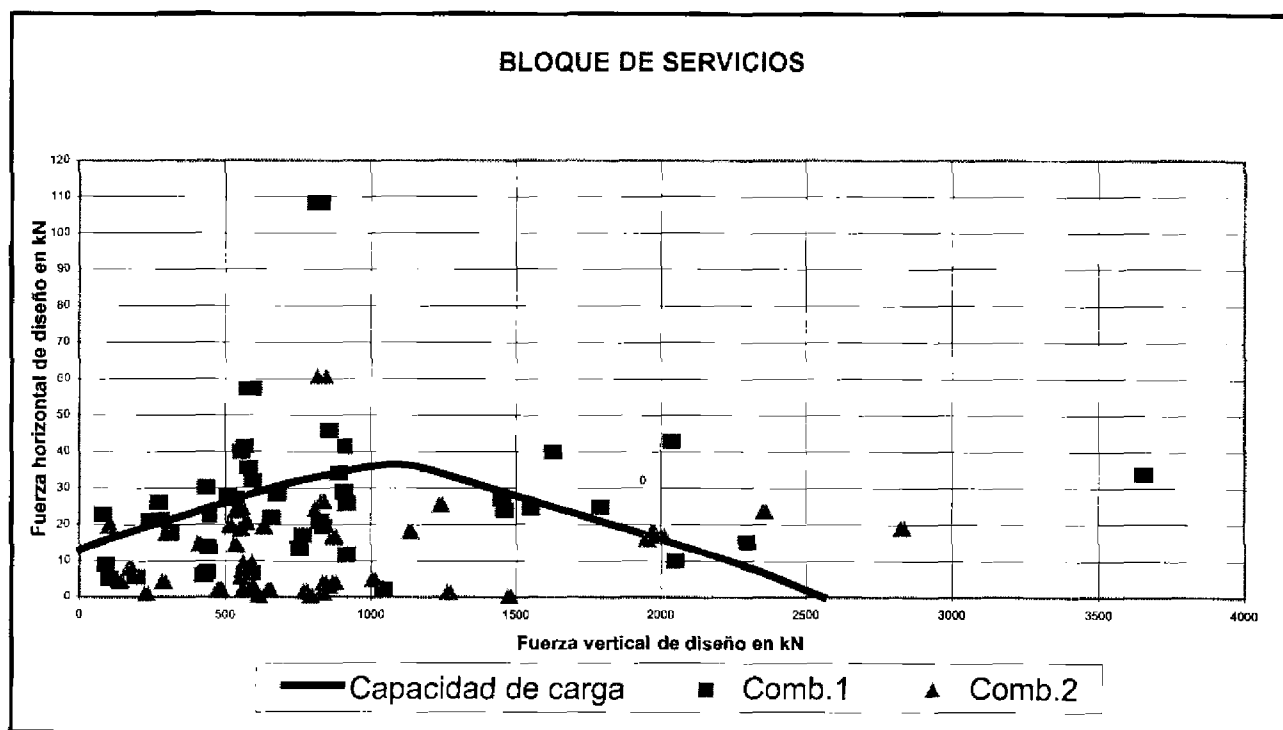


Figura 48. Columna KMR Lado menor 2 Piso

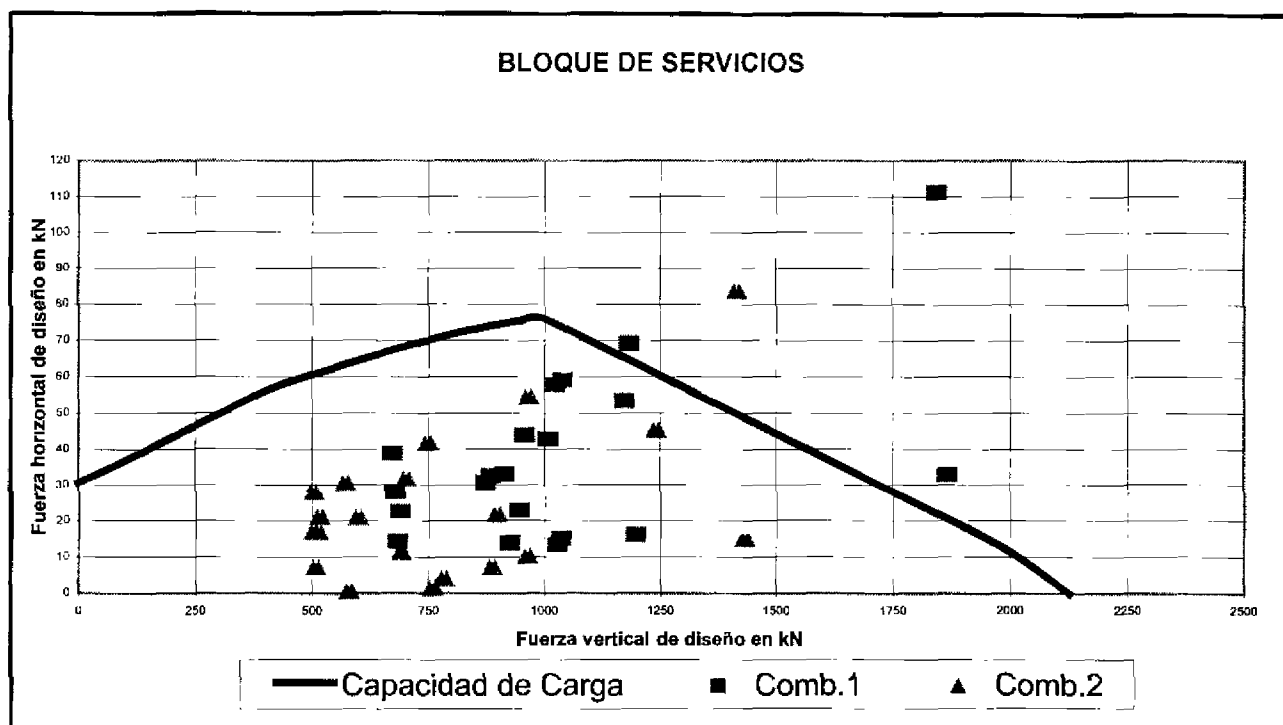


Figura 49. Columna KR Lado Mayor 3 Piso

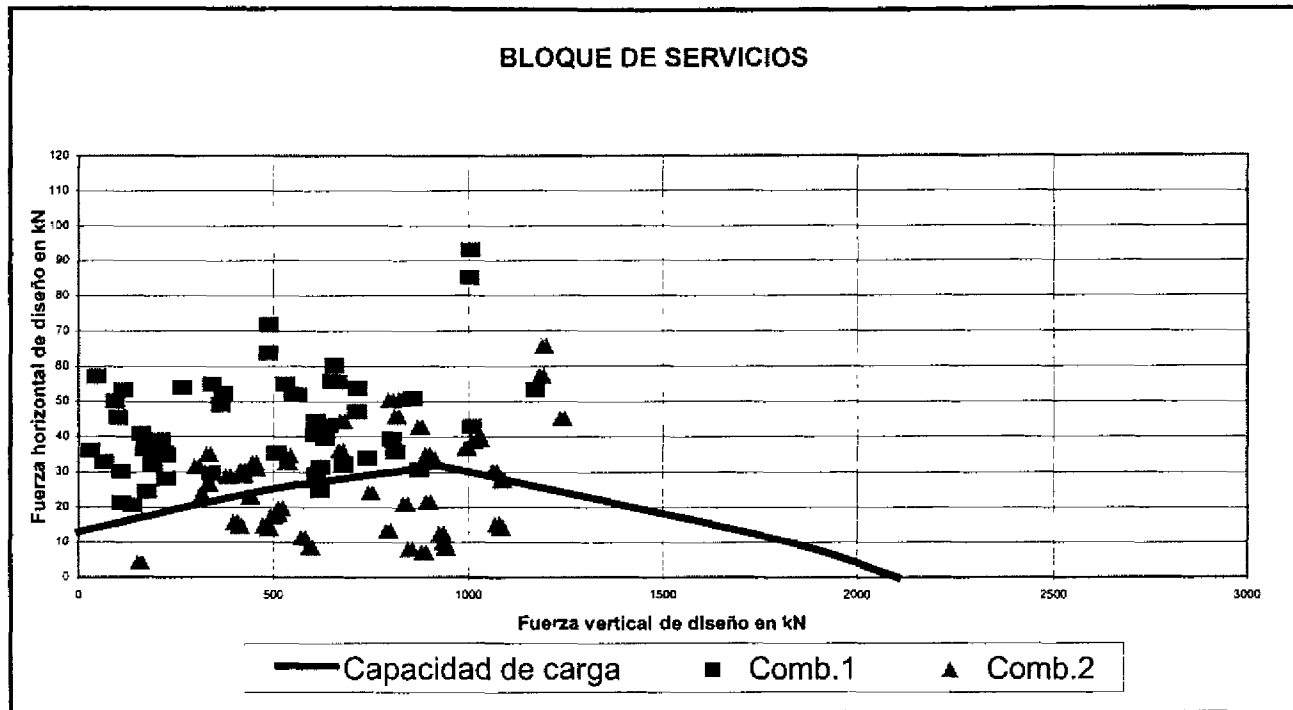


Figura 50. Columna KR Lado menor 3 Piso

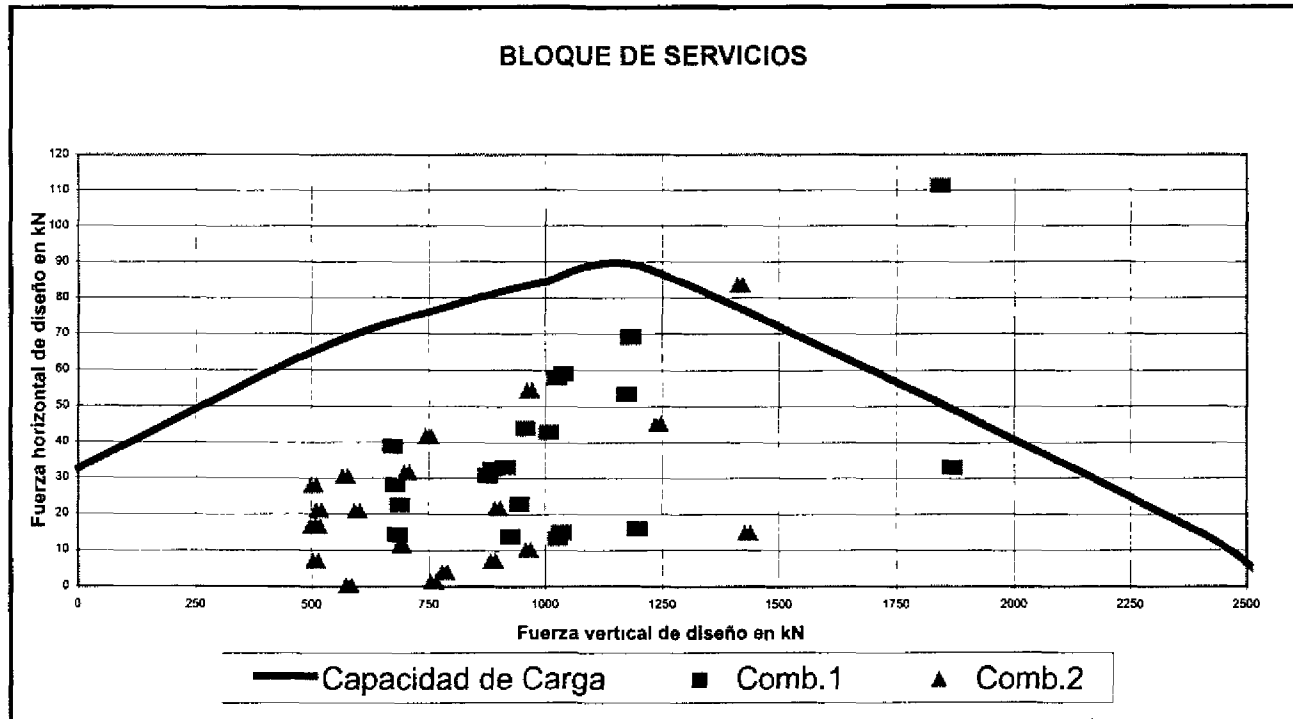


Figura 51. Columna KMR Lado Mayor 3 Piso

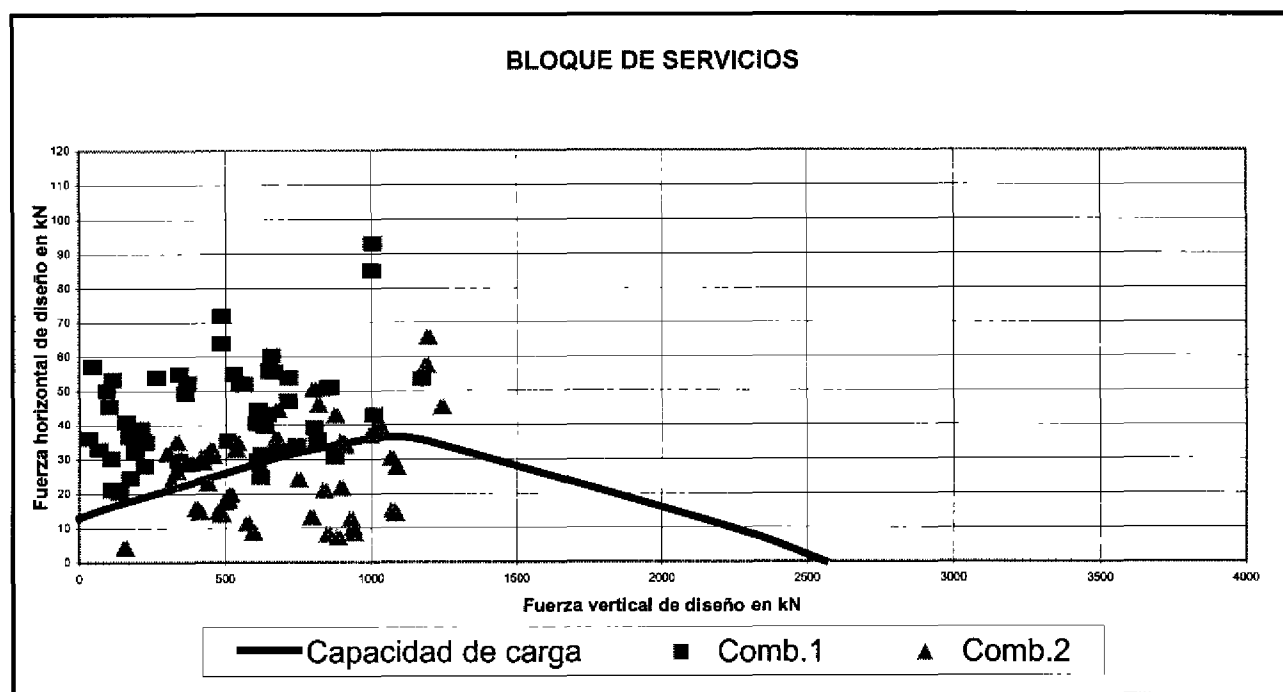
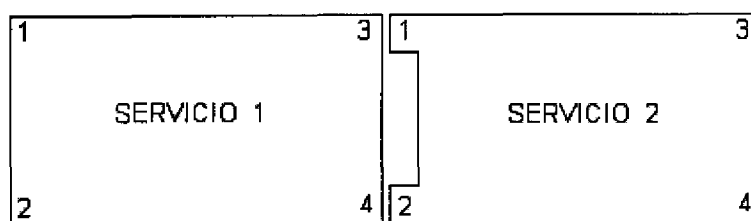


Figura 52. Columna KMR Lado menor 3 Piso



PLANTA BLOQUE DE SERVICIOS

NUDOS PARA EL CHEQUE DE DESPLAZAMIENTOS								
PISO	SERVICIO 1				SERVICIO 2			
	PUNTO 1	PUNTO 2	PUNTO 3	PUNTO 4	PUNTO 1	PUNTO 2	PUNTO 3	PUNTO 4
1	1	32	533	584	587	586	1019	1060
2	2	33	534	585	588	587	1020	1061
3	3	34	535	586	589	588	1021	1062

Figura 53. Esquema asociado a la tabla 85.

o Bloque Ginecobstétrico 1.

Tabla 93. Características generales de la respuesta dinámica de la estructura.

TOTAL ASSEMBLED JOINT MASSES

IN GLOBAL COORDINATES

	UX	UY	UZ	RX	RY
RZ					
TOTAL	4455.462	4455.462	4455.462	.000000	.000000
.000000					

MODAL PERIODS AND FREQUENCIES

MODE	PERIOD (TIME)	FREQUENCY (CYC/TIME)	FREQUENCY (RAD/TIME)	EIGENVALUE (RAD/TIME)**2
1	0.668988	1.494796	9.392081	88.211191
2	0.611750	1.634655	10.270843	105.490220
3	0.589287	1.696967	10.662361	113.685939
4	0.189280	5.283188	33.195249	1101.925
5	0.177059	5.647823	35.486316	1259.279
6	0.131357	7.612838	47.832874	2287.984
7	0.116721	8.567414	53.830651	2897.739
8	0.072491	13.794750	86.674972	7512.551
9	0.050551	19.782135	124.294820	15449.202

MODAL PARTICIPATING MASS RATIOS

MODE	PERIOD	INDIVIDUAL MODE (PERCENT)			CUMULATIVE SUM (PERCENT)		
		UX	UY	UZ	UX	UY	UZ
1	0.668988	0.0044	89.9187	0.0001	0.0044	89.9187	0.0001
2	0.611750	0.6635	1.8033	0.0000	0.6678	91.7220	0.0002
3	0.589287	92.8124	0.0023	0.0000	93.4803	91.7242	0.0002
4	0.189280	0.0000	0.9002	6.0751	93.4803	92.6244	6.0753
5	0.177059	0.0005	0.7160	7.0779	93.4808	93.3405	13.1532
6	0.131357	0.0002	0.0098	2.8267	93.4809	93.3502	15.9799
7	0.116721	0.0418	0.7568	0.1465	93.5228	94.1070	16.1265
8	0.072491	0.0009	0.0010	67.1351	93.5237	94.1080	83.2616
9	0.050551	1.7150	0.1707	0.0248	95.2387	94.2787	83.2864

ANEXO 4 RESULTADO DEL ANALISIS DE LA VULNERABILIDAD ESTRUCTURAL

R E S P O N S E S P E C T R U M B A S E R E A C T I O N S

IN RESPONSE-SPECTRUM LOCAL COORDINATES

SPEC SISMOX -----

FOR EACH MODE, DUE TO SPECTRAL ACCELERATION IN DIRECTION U1:

MODE	F1	F2	F3	M1	M2	M3
1	1.454777	-208.766262	0.266629	1735.781	9.433515	-685.171137
2	221.055826	364.434184	0.690033	-2938.257	1827.723	-61627.366
3	30922.909	-152.494666	6.175365	1233.653	245297.150	55284.978
4	0.004679	1.168660	3.035971	33.605040	-7.428737	2.830698
5	0.142285	5.656696	-17.784627	145.782659	-54.022496	21.926484
6	0.047754	0.358862	6.103832	-7.857648	-4.424353	11.426807
7	11.035480	-46.938256	20.654364	267.351261	-1793.913	160.599150
8	0.209410	-0.218688	-56.488172	-18.190983	-16.994527	3.384505
9	357.916316	112.911414	43.037995	-2708.667	-10428.316	259.048903

COMBINED FOR ALL MODES AND ALL DIRECTIONS OF SPECTRAL ACCELERATION:

	F1	F2	F3	M1	M2	M3
SPEC	31119.814	238.533862	73.794327	3195.686	247122.823	29940.226

SPEC SISMOY -----

FOR EACH MODE, DUE TO SPECTRAL ACCELERATION IN DIRECTION U2:

MODE	F1	F2	F3	M1	M2	M3
1	-208.766262	29958.784	-38.262347	-249091.442	-1353.747	98324.769
2	364.434184	600.808750	1.137594	-4844.032	3013.197	-101599.307
3	-152.494666	0.752019	-0.030453	-6.083695	-1209.670	-272.634898
4	1.168660	291.885382	758.266259	8393.217	-1855.406	706.997068
5	5.656696	224.887887	-707.046465	5795.742	-2147.721	871.710299
6	0.358862	2.696758	45.868818	-59.048319	-33.247942	85.869679
7	-46.938256	199.646948	-87.851170	-1137.151	7630.222	-683.091630
8	-0.218688	0.228376	58.990740	18.996889	17.747428	-3.534447
9	112.911414	35.620023	13.577143	-854.499754	-3289.808	81.721834

COMBINED FOR ALL MODES AND ALL DIRECTIONS OF SPECTRAL ACCELERATION:

	F1	F2	F3	M1	M2	M3
SPEC	238.533862	30303.778	586.848950	252095.369	9044.042	94525.968

ANEXO 4. RESULTADO DEL ANALISIS DE LA VULNERABILIDAD ESTRUCTURAL

Tabla 94. Desplazamientos máximos.

Nivel de Zapata												
Nudos	Estados	U1	U2	Delta 1	Delta 2	Delta Inel 1	Delta Inel 2	Flexibilidad		Permisible	Por Ciento	
25115	COMB1 MAX	0.00543	0.00191	0.00543	0.00191	0.00815	0.002868	8.47	6.90			
25115	COMB1 MIN	-0.00541	-0.00190	-0.00541	-0.00190	-0.00811	-0.002852	8.43	7.01			
25115	COMB2 MAX	0.00169	0.00587	0.00169	0.00587	0.00253	0.008798	8.40	6.88			
25115	COMB2 MIN	-0.00166	-0.00585	-0.00166	-0.00585	-0.0025	-0.00878	8.24	6.91			
25128	COMB1 MAX	0.00548	0.00202	0.00548	0.00202	0.00822	0.00303	8.55	6.52			
25128	COMB1 MIN	-0.00550	-0.00200	-0.00550	-0.00200	-0.00825	-0.003005	8.58	6.57			
25128	COMB2 MAX	0.00169	0.00620	0.00169	0.00620	0.00253	0.009293	8.38	6.47			
25128	COMB2 MIN	-0.00171	-0.00618	-0.00171	-0.00618	-0.00256	-0.009267	8.46	6.49			
25143	COMB1 MAX	0.00552	0.00190	0.00552	0.00190	0.00829	0.002846	8.63	6.85			
25143	COMB1 MIN	-0.00550	-0.00192	-0.00550	-0.00192	-0.00825	-0.002876	8.58	7.07			
25143	COMB2 MAX	0.00176	0.00585	0.00176	0.00585	0.00264	0.008774	8.59	6.87			
25143	COMB2 MIN	-0.00174	-0.00587	-0.00174	-0.00587	-0.00261	-0.008804	8.43	6.93			
25156	COMB1 MAX	0.00550	0.00201	0.00550	0.00201	0.00825	0.003011	8.59	6.47			
25156	COMB1 MIN	-0.00552	-0.00202	-0.00552	-0.00202	-0.00828	-0.003032	8.62	6.63			
25156	COMB2 MAX	0.00173	0.00619	0.00173	0.00619	0.0026	0.009279	8.45	6.46			
25156	COMB2 MIN	-0.00176	-0.00620	-0.00176	-0.00620	-0.00264	-0.0093	8.53	6.51			
Primer Nivel												
25215	COMB1 MAX	0.05870	0.01990	0.05327	0.01799	0.0799	0.026982	83.10	64.94	0.022	242.13	81,76
25215	COMB1 MIN	-0.05870	-0.01990	-0.05330	-0.01800	-0.07994	-0.026999	83.14	66.42	0.022	242.25	81,81
25215	COMB2 MAX	0.01820	0.06110	0.01651	0.05524	0.02477	0.082853	82.14	64.83	0.022	75.05	251,07
25215	COMB2 MIN	-0.01820	-0.06110	-0.01654	-0.05525	-0.0248	-0.082871	81.86	65.23	0.022	75.16	251,12
25228	COMB1 MAX	0.05870	0.02100	0.05322	0.01898	0.07983	0.02847	83.03	61.23	0.022	241.92	86,27
25228	COMB1 MIN	-0.05870	-0.02100	-0.05320	-0.01900	-0.0798	-0.028496	82.99	62.29	0.022	241.81	86,35
25228	COMB2 MAX	0.01820	0.06460	0.01652	0.05841	0.02477	0.087608	82.16	61.03	0.022	75.07	265,48
25228	COMB2 MIN	-0.01820	-0.06460	-0.01649	-0.05842	-0.02474	-0.087633	81.64	61.37	0.022	74.96	265,55
25243	COMB1 MAX	0.05890	0.01990	0.05338	0.01800	0.08006	0.027005	83.40	64.99	0.022	242.62	81,83
25243	COMB1 MIN	-0.05890	-0.01990	-0.05340	-0.01798	-0.0801	-0.026975	83.31	66.36	0.022	242.73	81,74
25243	COMB2 MAX	0.01860	0.06110	0.01684	0.05525	0.02526	0.082877	82.15	64.85	0.022	76.55	251,14
25243	COMB2 MIN	-0.01860	-0.06110	-0.01686	-0.05523	-0.02529	-0.082847	81.86	65.21	0.022	76.65	251,05
25256	COMB1 MAX	0.05890	0.02100	0.05340	0.01899	0.0801	0.02849	83.44	61.27	0.022	242.73	86,33
25256	COMB1 MIN	-0.05890	-0.02100	-0.05338	-0.01898	-0.08007	-0.028469	83.27	62.23	0.022	242.62	86,27
25256	COMB2 MAX	0.01860	0.06460	0.01687	0.05841	0.0253	0.087621	82.28	61.04	0.022	76.67	265,52
25256	COMB2 MIN	-0.01860	-0.06460	-0.01684	-0.05840	-0.02526	-0.0876	81.76	61.34	0.022	76.55	265,45
Segundo Nivel												
25315	COMB1 MAX	0.06140	0.02400	0.00270	0.00410	0.00405	0.00615	4.21	14.80	0.022	12.27	18,64
25315	COMB1 MIN	-0.06150	-0.02390	-0.00280	-0.00400	-0.0042	-0.006	4.37	14.76	0.022	12.73	18,18
25315	COMB2 MAX	0.01930	0.07420	0.00110	0.01310	0.00165	0.01965	5.47	15.38	0.022	5.00	59,55
25315	COMB2 MIN	-0.01930	-0.07410	-0.00110	-0.01300	-0.00165	-0.0195	5.45	15.35	0.022	5.00	59,09

ANEXO 4 RESULTADO DEL ANALISIS DE LA VULNERABILIDAD ESTRUCTURAL

Tabla 94. Desplazamientos máximos. (Continuación).

25328	COMB1 MAX	0.06140	0.02710	0.00270	0.00610	0.00405	0.00915	4.21	19.68	0.022	12.27	27,73
25328	COMB1 MIN	-0.06150	-0.02710	-0.00280	-0.00610	-0.0042	-0.00915	4.37	20.00	0.022	12.73	27,73
25328	COMB2 MAX	0.01930	0.08420	0.00110	0.01960	0.00165	0.0294	5.47	20.48	0.022	5.00	89,09
25328	COMB2 MIN	-0.01930	-0.08410	-0.00110	-0.01950	-0.00165	-0.02925	5.45	20.48	0.022	5.00	88,64
25343	COMB1 MAX	0.06150	0.02400	0.00260	0.00410	0.0039	0.00615	4.06	14.80	0.022	11.82	18,64
25343	COMB1 MIN	-0.06160	-0.02390	-0.00270	-0.00400	-0.00405	-0.006	4.21	14.76	0.022	12.27	18,18
25343	COMB2 MAX	0.01970	0.07420	0.00110	0.01310	0.00165	0.01965	5.37	15.38	0.022	5.00	59,55
25343	COMB2 MIN	-0.01970	-0.07410	-0.00110	-0.01300	-0.00165	-0.0195	5.34	15.35	0.022	5.00	59,09
25356	COMB1 MAX	0.06150	0.02710	0.00260	0.00610	0.0039	0.00915	4.06	19.68	0.022	11.82	27,73
25356	COMB1 MIN	-0.06160	-0.02710	-0.00270	-0.00610	-0.00405	-0.00915	4.21	20.00	0.022	12.27	27,73
25356	COMB2 MAX	0.01970	0.08420	0.00110	0.01960	0.00165	0.0294	5.37	20.48	0.022	5.00	89,09
25356	COMB2 MIN	-0.01970	-0.08410	-0.00110	-0.01950	-0.00165	-0.02925	5.34	20.48	0.022	5.00	88,64
Tercer Nivel												
25415	COMB1 MAX	0.06340	0.02620	0.00200	0.00220	0.003	0.0033	3.12	7.94	0.022	9.09	10,00
25415	COMB1 MIN	-0.06350	-0.02580	-0.00200	-0.00190	-0.003	-0.00285	3.12	7.01	0.022	9.09	8,64
25415	COMB2 MAX	0.01990	0.08070	0.00060	0.00650	0.0009	0.00975	2.99	7.63	0.022	2.73	29,55
25415	COMB2 MIN	-0.02000	-0.08040	-0.00070	-0.00630	-0.00105	-0.00945	3.47	7.44	0.022	3.18	28,64
25428	COMB1 MAX	0.06340	0.02940	0.00200	0.00230	0.003	0.00345	3.12	7.42	0.022	9.09	10,45
25428	COMB1 MIN	-0.06350	-0.02920	-0.00200	-0.00210	-0.003	-0.00315	3.12	6.89	0.022	9.09	9,55
25428	COMB2 MAX	0.01990	0.09120	0.00060	0.00700	0.0009	0.0105	2.99	7.31	0.022	2.73	31,82
25428	COMB2 MIN	-0.02000	-0.09090	-0.00070	-0.00680	-0.00105	-0.0102	3.47	7.14	0.022	3.18	30,91
25443	COMB1 MAX	0.06350	0.02620	0.00200	0.00220	0.003	0.0033	3.13	7.94	0.022	9.09	10,00
25443	COMB1 MIN	-0.06350	-0.02580	-0.00190	-0.00190	-0.00285	-0.00285	2.96	7.01	0.022	8.64	8,64
25443	COMB2 MAX	0.02040	0.08070	0.00070	0.00650	0.00105	0.00975	3.41	7.63	0.022	3.18	29,55
25443	COMB2 MIN	-0.02040	-0.08040	-0.00070	-0.00630	-0.00105	-0.00945	3.40	7.44	0.022	3.18	28,64
25456	COMB1 MAX	0.06350	0.02940	0.00200	0.00230	0.003	0.00345	3.13	7.42	0.022	9.09	10,45
25456	COMB1 MIN	-0.06350	-0.02920	-0.00190	-0.00210	-0.00285	-0.00315	2.96	6.89	0.022	8.64	9,55
25456	COMB2 MAX	0.02040	0.09120	0.00070	0.00700	0.00105	0.0105	3.41	7.31	0.022	3.18	31,82
25456	COMB2 MIN	-0.02040	-0.09090	-0.00070	-0.00680	-0.00105	-0.0102	3.40	7.14	0.022	3.18	30,91
Cuarto Nivel												
25515	COMB1 MAX	0.06410	0.02770	0.00070	0.00150	0.00105	0.00225	1.09	5.42	0.022	3.18	6,82
25515	COMB1 MIN	-0.06410	-0.02710	-0.00060	-0.00130	-0.0009	-0.00195	0.94	4.80	0.022	2.73	5,91
25515	COMB2 MAX	0.02010	0.08520	0.00020	0.00450	0.0003	0.00675	1.00	5.28	0.022	0.91	20,45
25515	COMB2 MIN	-0.02020	-0.08470	-0.00020	-0.00430	-0.0003	-0.00645	0.99	5.08	0.022	0.91	19,55
25528	COMB1 MAX	0.06410	0.03100	0.00070	0.00160	0.00105	0.0024	1.09	5.16	0.022	3.18	7,27
25528	COMB1 MIN	-0.06410	-0.03050	-0.00060	-0.00130	-0.0009	-0.00195	0.94	4.26	0.022	2.73	5,91
25528	COMB2 MAX	0.02010	0.09570	0.00020	0.00450	0.0003	0.00675	1.00	4.70	0.022	0.91	20,45
25528	COMB2 MIN	-0.02020	-0.09520	-0.00020	-0.00430	-0.0003	-0.00645	0.99	4.52	0.022	0.91	19,55
25543	COMB1 MAX	0.06400	0.02770	0.00050	0.00150	0.00075	0.00225	0.78	5.42	0.022	2.27	6,82

ANEXO 4. RESULTADO DEL ANALISIS DE LA VULNERABILIDAD ESTRUCTURAL

Tabla 94. Desplazamientos máximos. (Continuación).

25543	COMB1 MIN	-0.06410	-0.02710	-0.00060	-0.00130	-0.0009	-0.00195	0.94	4.80	0.022	2.73	5.91
25543	COMB2 MAX	0.02050	0.08520	0.00010	0.00450	0.00015	0.00675	0.49	5.28	0.022	0.45	20.45
25543	COMB2 MIN	-0.02060	-0.08470	-0.00020	-0.00430	-0.0003	-0.00645	0.97	5.08	0.022	0.91	19.55
25556	COMB1 MAX	0.06400	0.03100	0.00050	0.00160	0.00075	0.0024	0.78	5.16	0.022	2.27	7.27
25556	COMB1 MIN	-0.06410	-0.03050	-0.00060	-0.00130	-0.0009	-0.00195	0.94	4.26	0.022	2.73	5.91
25556	COMB2 MAX	0.02050	0.09570	0.00010	0.00450	0.00015	0.00675	0.49	4.70	0.022	0.45	20.45
25556	COMB2 MIN	-0.02060	-0.09520	-0.00020	-0.00430	-0.0003	-0.00645	0.97	4.52	0.022	0.91	19.55

Tabla 95. Solicitaciones extremas en los tímpanos transversales (PN-11). Capacidad resistente del elemento 1466,5 kN.

PISO	EJE TRANSVERSAL	CRUJÍA	COMBINACIÓN 1 (KN)	COMBINACIÓN 2 (KN)	% DE LA CAPACIDAD DEL ELEMENTO	
					COMB1	COMB2
2	1	A-B	-1312.46	-3792.84	89.50	258.63
		B-C	-1288.25	-3808.15	87.85	259.68
	8	A-B	-1516.25	-4938.37	103.39	336.75
	9	B-C	-1585.4	-4855.41	108.11	331.09
	14	B-C	-1915.38	-5835.78	130.61	397.94
3	1	A-B	-492.51	-1376.78	33.58	93.88
		B-C	-502.31	-1431.97	34.25	97.65
	3	B-C	-481.38	-1441.15	32.83	98.27
	5	B-C	-510.01	-1524.66	34.78	103.97
	7	B-C	-631.06	-1682.92	43.03	114.76
	8	B-C	-677.42	-1961.28	46.19	133.74
	9	B-C	-450.81	-1143.46	30.74	77.97
	12	B-C	-536.53	-1629.58	36.59	111.12
	14	A-B	-751.22	-2152.9	51.23	146.81
		B-C	-495.49	-1376.79	33.79	93.88
4	1	A-B	-243.91	-673.65	16.63	45.94
		B-C	-289.42	-772.8	19.74	52.70
	3	B-C	-221.31	-663.28	15.09	45.23
	5	B-C	-245.06	-698.91	16.71	47.66
	10	B-C	-287.46	-898.92	19.60	61.30
	12	B-C	-211.07	-667.38	14.39	45.51
	14	A-B	-434.39	-1135.34	29.62	77.42
		B-C	-270.05	-612.63	18.41	41.77

ANEXO 4. RESULTADO DEL ANALISIS DE LA VULNERABILIDAD ESTRUCTURAL

Tabla 96. Solicitaciones extremas en los tímpanos longitudinales (PN-21 SR). Capacidad resistente del elemento 1805,8 kN.

PISO	EJE LONGITUDINAL	LUZ	COMBINACIÓN 1 (KN)	COMBINACIÓN 2 (KN)	% DE LA CAPACIDAD DEL ELEMENTO	
					COMB 1	COMB 2
2	A	2-3	-1603.23	-805.47	88.78	44.60
		3-4	-1812.76	-898.71	100.39	49.77
		4-5	-1852.16	-931.19	102.57	51.57
		5-6	-1804.97	-874.71	99.95	48.44
		6-7	-1626.85	-826.63	90.09	45.78
		10-11	-760.15	-383.89	42.09	21.26
		12-13	-810.4	-420.18	44.88	23.27
		13-14	-2071.44	-1511.25	114.71	83.69
	C	1-2	-1424.85	-743.35	78.90	41.16
		3-4	-1641.09	-790.61	90.88	43.78
		4-5	-1773.04	-985.64	98.19	54.58
		5-6	-1621.01	-781.48	89.77	43.28
		8-9	-905.29	-558.31	50.13	30.92
		9-10	-1530.96	-805.9	84.78	44.63
		11-12	-1682.59	-965.65	93.18	53.47
		12-13	-1709.8	-904.47	94.68	50.09
3	A	2-3	-974.46	-369.15	53.96	20.44
		3-4	-1232.2	-458.27	68.24	25.38
		4-5	-1284.95	-477.27	71.16	26.43
		5-6	-1230.59	-457.64	68.15	25.34
		6-7	-975.67	-372.12	54.03	20.61
		10-11	-920.99	-349.23	51.00	19.34
		12-13	-990.19	-375.07	54.83	20.77
	C	2-3	-764.51	-332.78	42.34	18.43
		3-4	-653.8	-304.7	36.21	16.87
		4-5	-691.14	-332.87	38.27	18.43
		5-6	-625.76	-288.37	34.65	15.97
		6-7	-726.41	-378.05	40.23	20.94
		9-10	-1089.82	-673.15	60.35	37.28
		10-11	-1513.01	-644.04	83.79	35.67
		11-12	-1243.39	-651.03	68.86	36.05
4	A	12-13	-1203.89	-595.71	66.67	32.99
		2-3	-106.51	-109.93	5.90	6.09
		3-4	-302.78	-157.92	16.77	8.75
		4-5	-366.06	-183.58	20.27	10.17
		5-6	-298.28	-151.05	16.52	8.36
		6-7	-72.35	-72.95	4.01	4.04
		8-9	-472.84	-551.26	26.18	30.53
		9-10	-592.44	-299.22	32.81	16.57
		10-11	-99.54	-75.97	5.51	4.21
		11-12	-768.49	-331.44	42.56	18.35
		12-13	-56.35	-54.94	3.12	3.04

Tabla 96. Solicitaciones extremas en los tímpanos longitudinales (PN-21 SR). Capacidad resistente del elemento 1805,8 kN. (Continuación).

	C	1-2	-181.34	-565.52	10.04	31.32
		2-3	-388.92	-186.68	21.54	10.34
		3-4	-385.26	-393.76	21.33	21.81
		4-5	-367.76	-289.3	20.37	16.02
		5-6	-320.79	-362.1	17.76	20.05
		6-7	-359.72	-311.2	19.92	17.23
		8-9	-381.89	-167.42	21.15	9.27
		9-10	-227.84	-342.2	12.62	18.95
		10-11	-529.52	-386.5	29.32	21.40
		11-12	-360.28	-335.67	19.95	18.59
		12-13	-269.99	-236.55	14.95	13.10
		13-14	-795.29	-1125.44	44.04	62.32

ANEXO 4. RESULTADO DEL ANALISIS DE LA VULNERABILIDAD ESTRUCTURAL

Tabla 97. Solicitaciones en columnas asociadas a tímpanos longitudinales.

Elemento	Eje Long.	Eje Transv.	Estados	Localización	Combinación 1		Combinación 2	
					Axial (kN)	Cortante (kN)	Axial (kN)	Cortante (kN)
					Combinación 1		Combinación 2	
Segundo Piso								
1022	A	2	MAX					
				0.00	-259.36	17.11	-704.16	36.08
				3.30	-247.48	17.11	-692.28	36.08
1022			MIN					
				0.00	-1869.66	-4.56	-1424.85	-23.53
				3.30	-1857.78	-4.56	-1412.97	-23.53
1023	A	3	MAX					
				0.00	-767.92	17.00	-877.24	38.07
				3.30	-756.04	17.00	-865.36	38.07
1023			MIN					
				0.00	-1252.90	-4.47	-1143.59	-25.53
				3.30	-1241.02	-4.47	-1131.71	-25.53
1024	A	4	MAX					
				0.00	-929.68	16.65	-933.62	38.20
				3.30	-917.80	16.65	-921.74	38.20
1024			MIN					
				0.00	-1063.95	-4.06	-1060.01	-25.61
				3.30	-1052.07	-4.06	-1048.13	-25.61
1025	A	5	MAX					
				0.00	-930.98	37.52	-956.70	108.39
				3.30	-919.10	37.52	-944.82	108.39
1025			MIN					
				0.00	-1049.48	-33.08	-1023.76	-103.95
				3.30	-1037.60	-33.08	-1011.88	-103.95
1026	A	6	MAX					
				0.00	-743.82	16.91	-874.60	40.43
				3.30	-731.94	16.91	-862.72	40.43
1026			MIN					
				0.00	-1210.71	-4.42	-1079.93	-27.94
				3.30	-1198.83	-4.42	-1068.05	-27.94
1027	A	7	MAX					
				0.00	-189.04	18.03	-665.71	42.52
				3.30	-177.16	18.03	-653.83	42.52
1027			MIN					
				0.00	-1768.71	-5.82	-1292.05	-30.30
				3.30	-1756.83	-5.82	-1280.17	-30.30
10210	A	10	MAX					
				0.00	-648.04	18.49	-827.50	45.51
				3.30	-636.16	18.49	-815.62	45.51
10210			MIN					
				0.00	-1445.03	-6.27	-1265.58	-33.29
				3.30	-1433.15	-6.27	-1253.70	-33.29
10211	A	11	MAX					

ANEXO 4. RESULTADO DEL ANALISIS DE LA VULNERABILIDAD ESTRUCTURAL

Tabla 97. Solicitaciones en columnas asociadas a tímpanos longitudinales. (Continuación).

				0.00	-748.10	19.39	-912.02	46.62
				3.30	-736.22	19.39	-900.14	46.62
10211			MIN					
				0.00	-1341.81	-7.15	-1177.89	-34.37
				3.30	-1329.93	-7.15	-1166.01	-34.37
10212	A	12	MAX					
				0.00	-717.88	19.82	-869.58	48.75
				3.30	-706.00	19.82	-857.70	48.75
10212			MIN					
				0.00	-1405.14	-7.62	-1253.43	-36.56
				3.30	-1393.26	-7.62	-1241.55	-36.56
10213	A	13	MAX					
				0.00	-746.85	20.41	-866.64	49.07
				3.30	-734.97	20.41	-854.76	49.07
10213			MIN					
				0.00	-1283.71	-8.11	-1163.91	-36.78
				3.30	-1271.83	-8.11	-1152.03	-36.78
10214	A	14	MAX					
				0.00	51.10	19.30	789.40	49.70
				3.30	62.98	19.30	801.28	49.70
10214			MIN					
				0.00	-1303.05	-12.54	-2041.35	-42.93
				3.30	-1291.17	-12.54	-2029.47	-42.93
10229	C	1	MAX					
				0.00	44.26	5.92	798.21	23.60
				3.30	56.14	5.92	810.09	23.60
10229			MIN					
				0.00	-1556.61	-12.27	-2310.57	-29.95
				3.30	-1544.73	-12.27	-2298.69	-29.95
10230	C	2	MAX					
				0.00	-795.70	3.98	-563.45	23.19
				3.30	-783.82	3.98	-551.57	23.19
10230			MIN					
				0.00	-1287.41	-15.66	-1519.65	-34.86
				3.30	-1275.53	-15.66	-1507.77	-34.86
10231	C	3	MAX					
				0.00	-711.78	3.46	-356.64	22.98
				3.30	-699.90	3.46	-344.76	22.98
10231			MIN					
				0.00	-1569.48	-15.30	-1924.63	-34.82
				3.30	-1557.60	-15.30	-1912.75	-34.82
10232	C	4	MAX					
				0.00	-929.58	4.04	-729.33	25.33
				3.30	-917.70	4.04	-717.45	25.33
10232			MIN					
				0.00	-1205.32	-16.07	-1405.57	-37.36

ANEXO 4. RESULTADO DEL ANALISIS DE LA VULNERABILIDAD ESTRUCTURAL

Tabla 97. Solicitaciones en columnas asociadas a tímpanos longitudinales. (Continuación).

				3.30	-1193.44	-16.07	-1393.69	-37.36
10233	C	5	MAX					
				0.00	-867.46	0.68	-473.55	15.53
				3.30	-855.58	0.68	-461.67	15.53
10233			MIN					
				0.00	-1319.86	-13.20	-1713.77	-28.05
				3.30	-1307.98	-13.20	-1701.89	-28.05
10234	C	6	MAX					
				0.00	-763.22	5.01	-768.22	28.03
				3.30	-751.34	5.01	-756.34	28.03
10234			MIN					
				0.00	-1495.77	-16.94	-1490.77	-39.96
				3.30	-1483.89	-16.94	-1478.89	-39.96
10236	C	8	MAX					
				0.00	-496.59	5.98	-3.59	31.38
				3.30	-484.71	5.98	8.29	31.38
10236			MIN					
				0.00	-1732.77	-17.66	-2225.77	-43.05
				3.30	-1720.89	-17.66	-2213.89	-43.05
10237	C	9	MAX					
				0.00	-363.10	4.69	166.92	27.06
				3.30	-351.22	4.69	178.80	27.06
10237			MIN					
				0.00	-1808.75	-16.64	-2338.77	-39.01
				3.30	-1796.87	-16.64	-2326.89	-39.01
10238	C	10	MAX					
				0.00	-990.25	6.03	-592.94	32.03
				3.30	-978.37	6.03	-581.06	32.03
10238			MIN					
				0.00	-1364.06	-18.01	-1761.38	-44.01
				3.30	-1352.18	-18.01	-1749.50	-44.01
10239	C	11	MAX					
				0.00	-910.63	7.11	-689.11	33.88
				3.30	-898.75	7.11	-677.23	33.88
10239			MIN					
				0.00	-1433.15	-19.16	-1654.67	-45.93
				3.30	-1421.27	-19.16	-1642.79	-45.93
10240	C	12	MAX					
				0.00	-837.87	7.11	-398.07	34.03
				3.30	-825.99	7.11	-386.19	34.03
10240			MIN					
				0.00	-1371.31	-19.18	-1811.10	-46.10
				3.30	-1359.43	-19.18	-1799.22	-46.10
10241	C	13	MAX					
				0.00	-493.06	7.85	-430.72	36.34
				3.30	-481.18	7.85	-418.84	36.34