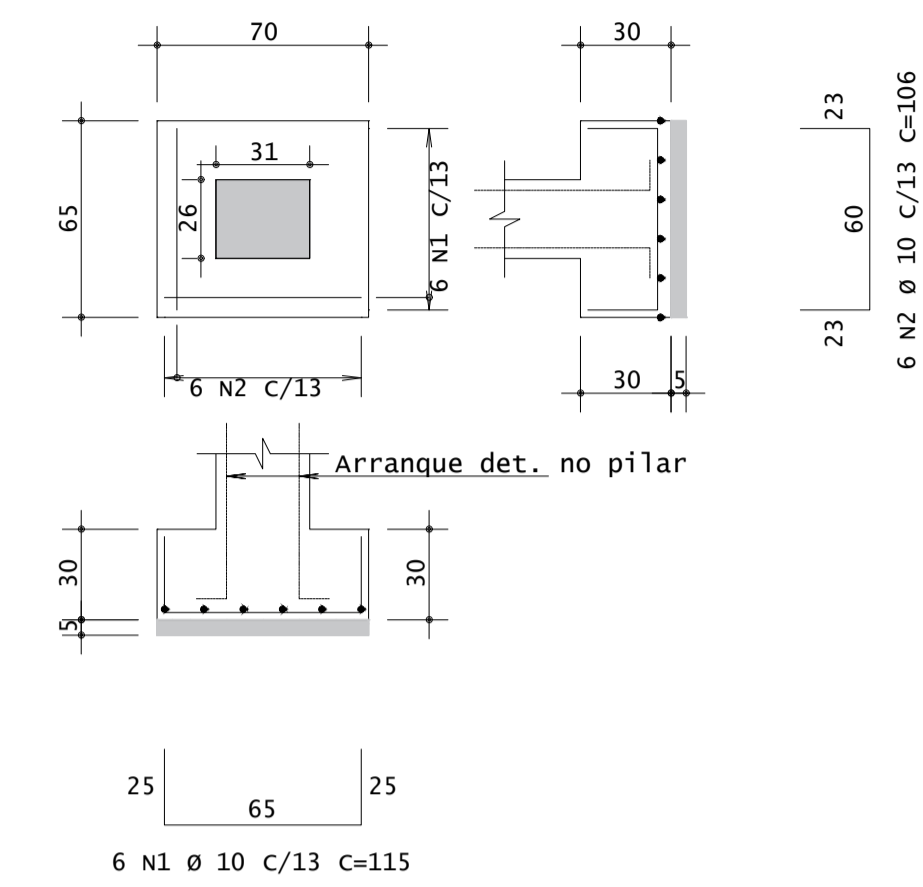


SAPATAS ASSOCIADAS

S12=S13=S43=S44=S51=S52=S67=S68

S73=S74=S89=S90=S95=S96=S111=S112  
(ESCALA 1:25)



SAPATAS ASSOCIADAS  
escala 1:100

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
				cm	cm
S2	50A	1	10	6	115
	50A	2	10	6	106
					690
					636

RESUMO DE AÇO				PESO
AÇO	BIT	COMPR		
		mm	m	kgf
50A	10	13		8
<b>Peso Total</b>				<b>8 kgf</b>

Barramentos de pilares		
pilar	x	y
P1	4258.1	15328.7
P2	3903.4	15303.3
P3	3611.7	15485.7
P4	3313.0	15432.3
P5	3014.7	15409.7
P6	2715.5	15386.3
P7	2416.8	15363.4
P8	2118.1	15340.4
P9	1819.4	15317.5
P10	1520.7	15294.5
P11	1222.0	15271.5
P12	923.3	15248.6
P13	624.6	15225.6
P14	325.9	15202.7
P15	27.2	15179.7
P16	-221.5	15156.8
P17	-520.2	15133.8
P18	-818.9	15110.9
P19	-1117.6	15088.0
P20	-1416.3	15065.0
P21	-1715.0	15042.1
P22	-2013.7	15019.1
P23	-2312.4	14996.2
P24	-2611.1	14973.2
P25	-2909.8	14950.3
P26	-3208.5	14927.3
P27	-3507.2	14904.4
P28	-3805.9	14881.4
P29	-4104.6	14858.5
P30	-4403.3	14835.5
P31	-4702.0	14812.6
P32	-5000.7	14789.6
P33	-5299.4	14766.7
P34	-5598.1	14743.7
P35	-5896.8	14720.8
P36	-6195.5	14697.8
P37	-6494.2	14674.9
P38	-6792.9	14651.9
P39	-7091.6	14629.0
P40	-7390.3	14606.0
P41	-7689.0	14583.1
P42	-7987.7	14560.1
P43	-8286.4	14537.2
P44	-8585.1	14514.2
P45	-8883.8	14491.3
P46	-9182.5	14468.3
P47	-9481.2	14445.4
P48	-9779.9	14422.4
P49	-10078.6	14399.5
P50	-10377.3	14376.5
P51	-10676.0	14353.6
P52	-10974.7	14330.6
P53	-11273.4	14307.7
P54	-11572.1	14284.7
P55	-11870.8	14261.8
P56	-12169.5	14238.8
P57	-12468.2	14215.9
P58	-12766.9	14192.9
P59	-13065.6	14170.0
P60	-13364.3	14147.0
P61	-13663.0	14124.1
P62	-13961.7	14101.1
P63	-14260.4	14078.2
P64	-14559.1	14055.2
P65	-14857.8	14032.3
P66	-15156.5	14009.3
P67	-15455.2	13986.4
P68	-15753.9	13963.4
P69	-16052.6	13940.5
P70	-16351.3	13917.5
P71	-16650.0	13894.6
P72	-16948.7	13871.6
P73	-17247.4	13848.7
P74	-17546.1	13825.7
P75	-17844.8	13802.8
P76	-18143.5	13779.8
P77	-18442.2	13756.9
P78	-18740.9	13733.9
P79	-19039.6	13711.0
P80	-19338.3	13688.0
P81	-19637.0	13665.1
P82	-19935.7	13642.1
P83	-20234.4	13619.2
P84	-20533.1	13596.2
P85	-20831.8	13573.3
P86	-21130.5	13550.3
P87	-21429.2	13527.4
P88	-21727.9	13504.4
P89	-22026.6	13481.5
P90	-22325.3	13458.5
P91	-22624.0	13435.6
P92	-22922.7	13412.6
P93	-23221.4	13389.7
P94	-23520.1	13366.7
P95	-23818.8	13343.8
P96	-24117.5	13320.8
P97	-24416.2	13297.9
P98	-24714.9	13274.9
P99	-25013.6	13251.9
P100	-25312.3	13229.0
P101	-25611.0	13206.0
P102	-25909.7	13183.1
P103	-26208.4	13160.1
P104	-26507.1	13137.2
P105	-26805.8	13114.2
P106	-27104.5	13091.3
P107	-27403.2	13068.3
P108	-27701.9	13045.4
P109	-28000.6	13022.4
P110	-28299.3	12999.5
P111	-28598.0	12976.5
P112	-28896.7	12953.6
P113	-29195.4	12930.6
P114	-29494.1	12907.7
P115	-29792.8	12884.7
P116	-30091.5	12861.8
P117	-30390.2	12838.8
P118	-30688.9	12815.9
P119	-30987.6	12792.9
P120	-31286.3	12770.0
P121	-31585.0	12747.0
P122	-31883.7	12724.1
P123	-32182.4	12701.1
P124	-32481.1	12678.2
P125	-32779.8	12655.2
P126	-33078.5	12632.3
P127	-33377.2	12609.3
P128	-33675.9	12586.4
P129	-33974.6	12563.4
P130	-34273.3	12540.5
P131	-34572.0	12517.5
P132	-34870.7	12494.6
P133	-35169.4	12471.6
P134	-35468.1	12448.7
P135	-35766.8	12425.7
P136	-36065.5	12402.8
P137	-36364.2	12379.8
P138	-36662.9	12356.9
P139	-36961.6	12333.9
P140	-37260.3	12311.0
P141	-37559.0	12288.0
P142	-37857.7	12265.1
P143	-38156.4	12242.1
P144	-38455.1	12219.2
P145	-38753.8	12196.2
P146	-39052.5	12173.3
P147	-39351.2	12150.3
P148	-39649.9	12127.4
P149	-39948.6	12104.4
P150	-40247.3	12081.5
P151	-40546.0	12058.5
P152	-40844.7	12035.6
P153	-41143.4	12012.6
P154	-41442.1	11989.7
P155	-41740.8	11966.7
P156	-42039.5	11943.8
P157	-42338.2	11920.8
P158	-42636.9	11897.9
P159	-42935.6	11874.9
P160	-43234.3	11852.0
P161	-43533.0	11829.0
P162	-43831.7	11806.1
P163	-44130.4	11783.1
P164	-44429.1	11760.2
P165	-44727.8	11737.2
P166	-45026.5	11714.3
P167	-45325.2	11691.3
P168	-45623.9	11668.4
P169	-45922.6	11645.4
P170	-46221.3	11622.5
P171	-46520.0	11599.5
P172	-46818.7	11576.6
P173	-47117.4	11553.6
P174	-47416.1	11530.7
P175	-47714.8	11507.7
P176	-48013.5	11484.8
P177	-48312.2	11461.8
P178	-48610.9	11438.9
P179	-48909.6	11415.9
P180	-49208.3	11393.0
P181	-49507.0	11370.0
P182	-49805.7	11347.1
P183	-50104.4	11324.1
P184	-50403.1	11301.2
P185	-50701.8	11278.2
P186	-51000.5	11255.3
P187	-51299.2	11232.3
P188	-51597.9	11209.4
P189	-51896.6	11186.4
P190	-52195.3	11163.5
P191	-52494.0	11140.5
P192	-52792.7	11117.6
P193	-53091.4	11094.6
P194	-53390.1	11071.7
P195	-53688.8	11048.7
P196	-53987.5	11025.8
P197	-54286.2	11002.8
P198	-54584.9	10979.9
P199	-54883.6	10956.9
P200	-55182.3	10934.0
P201	-55481.0	10911.0
P202	-55779.7	10888.1
P203	-56078.4	10865.1
P204	-56377.1	10842.2
P205	-56675.8	10819.2
P206	-56974.5	10796.3
P207	-57273.2	10773.3
P208	-57571.9	10750.4
P209	-57870.6	10727.4
P210	-58169.3	10704.5
P211	-58468.0	10681.5
P212	-58766.7	10658.6
P213	-59065.4	10635.6
P214	-59364.1	10612.7
P215	-59662.8	10589.7
P216	-59961.5	10566.8
P217	-60260.2	10543.8
P218	-60558.9	10520.9
P219	-60857.6	10497.9
P220	-61156.3	10475.0
P221	-61455.0	10452.0
P222	-61753.7	10429.1
P223	-62052.4	10406.1
P224	-62351.1	10383.2
P225	-62649.8	10360.2
P226	-62948.5	10337.3
P227	-63247.2	10314.3
P228	-63545.9	10291.4
P229	-63844.6	10268.4
P230	-64143.3	10245.5
P231	-64442.0	10222.5
P232	-64740.7	10199.6
P233	-65039.4	10176.6
P234	-65338.1	10153.7
P235	-65636.8	10130.7
P236	-65935.5	10107.8
P237	-66234.2	10084.8
P238	-66532.9	10061.9
P239	-66831.6	10038.9
P240	-67130.3	10016.0
P241	-67429.0	9993.0
P242	-67727.7	9970.1
P243	-68026.4	9947.1
P244	-68325.1	9924.2
P245	-68623.8	9901.2
P246	-68922.5	9878.3
P247	-69221.2	9855.3
P248	-69519.9	9832.4
P249	-69818.6	9809.4
P250	-70117.3	9786.5
P251	-70416.0	9763.5
P252	-70714.7	9740.6
P253	-71013.4	9717.6
P254	-71312.1	9694.7
P255	-71610.8	9671.7
P256	-71909.5	9648.8
P257	-72208.2	9625.8
P258	-72506.9	9602.9
P259	-72805.6	9579.9
P260	-73104.3	9557.0
P261	-73403.0	9534.0
P262	-73701.7	9511.1
P263	-74000.4	9488.1
P264	-74299.1	9465.2
P265	-74597.8	9442.2
P266	-74896.5	9419.3
P267	-75195.2	9396.3
P268	-75493.9	9373.4
P269	-75792.6	9350.4
P270	-76091.3	9327.5
P271	-76390.0	9304.5
P272	-76688.7	9281.6
P273	-76987.4	9258.6
P274	-77286.1	9235.7
P275	-77584.8	9212.7
P276	-77883.5	9189.8
P277	-78182.2	9166.8
P278	-78480.9	9143.9
P279	-78779.6	9120.9
P280	-79078.3	9098.0
P281	-79377.0	9075.0
P282	-79675.7	9052.1
P283	-79974.4	9029.1
P284	-80273.1	9006.2
P285	-80571.8	8983.2
P286	-80870.5	8960.3
P287	-81169.2	8937.3
P288	-81467.9	8914.4
P289	-81766.6	8891.4
P290	-82065.3	8868.5
P291	-82364.0	8845.5
P292	-82662.7	8822.6
P293	-82961.4	8799.6
P294	-83260.1	8776.7
P295	-83558.8	8753.7
P296	-83857.5	8730.8
P297	-84156.2	8707.8
P298	-84454.9	8684.9
P299	-84753.6	8661.9
P300	-85052.3	8639.0
P301	-85351.0	8616.0
P302	-85649.7	8593.1
P303	-85948.4	8570.1
P304	-86247.1	8547.2
P305	-86545.8	8524.2
P306	-86844.5	8501.3
P307	-87143.2	8478.3
P308	-87441.9	8455.4
P309	-87740.6	8432.4
P310	-88039.3	8409.5
P311	-88338.0	8386.5
P312	-88636.7	8363.6
P313	-88935.4	8340.6
P314	-89234.1	