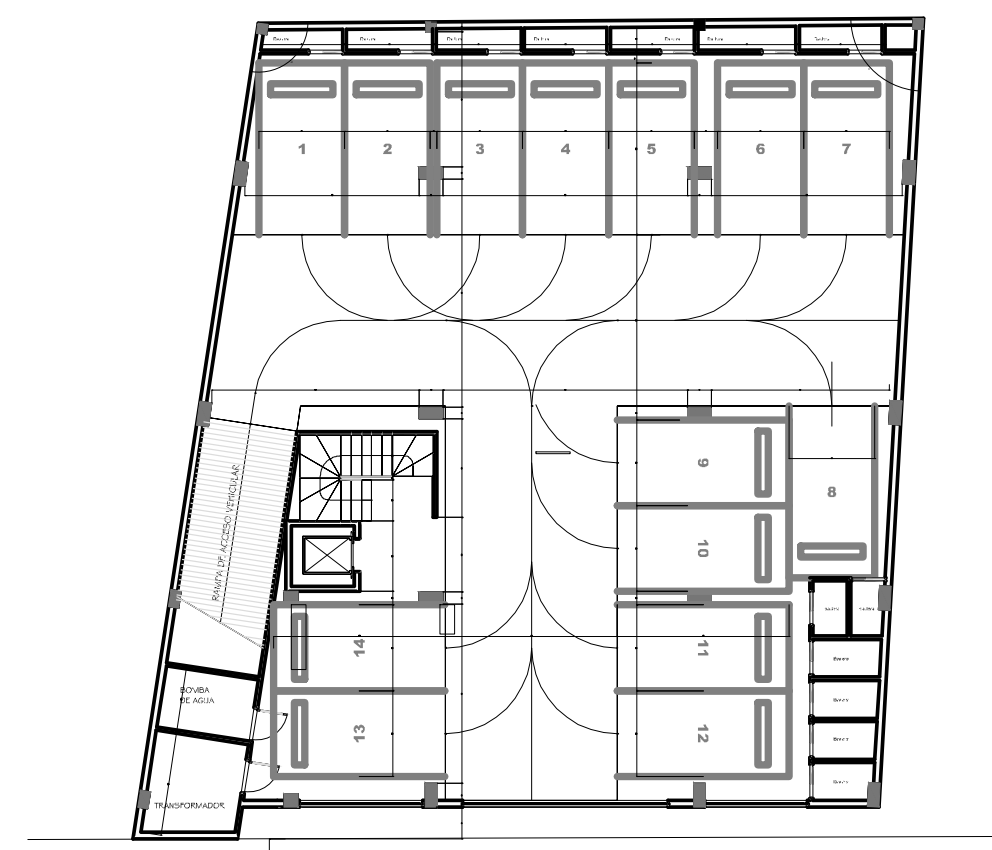
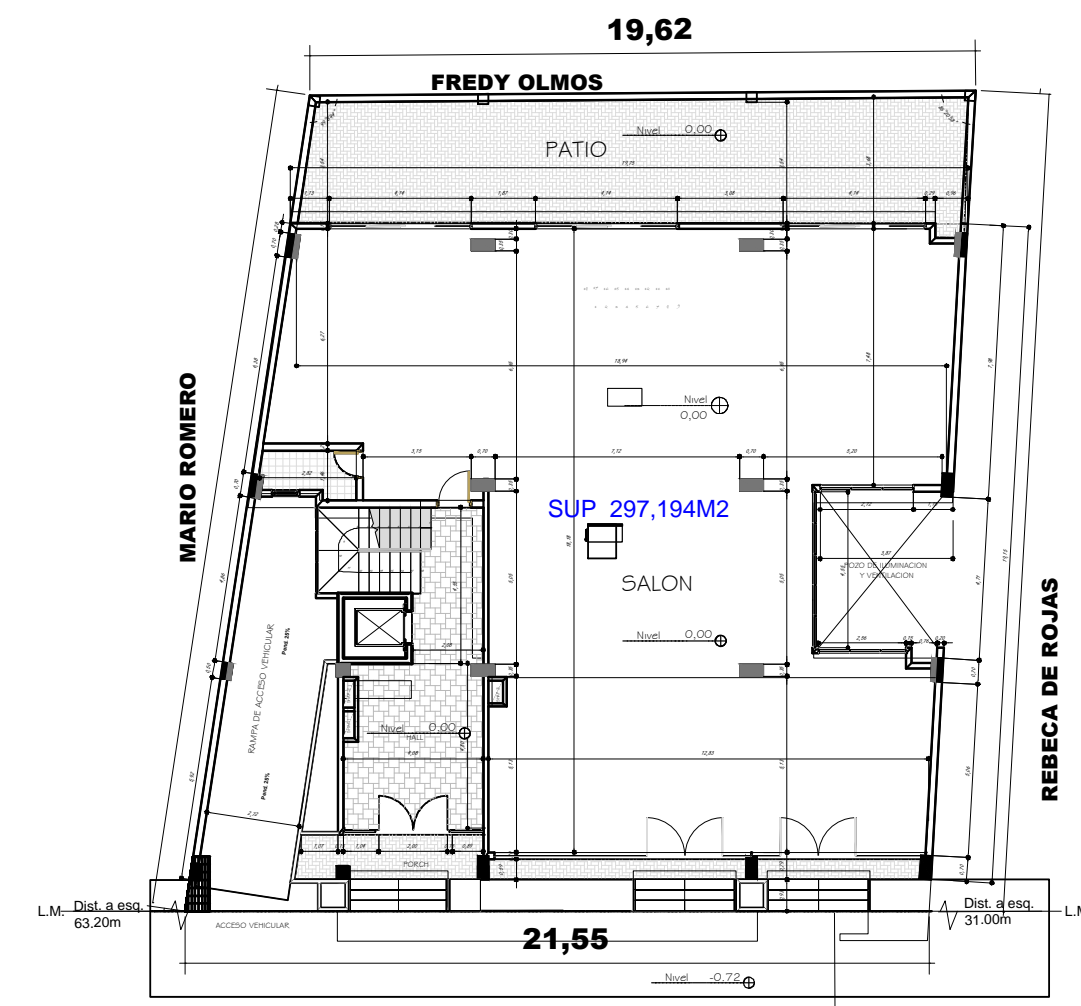


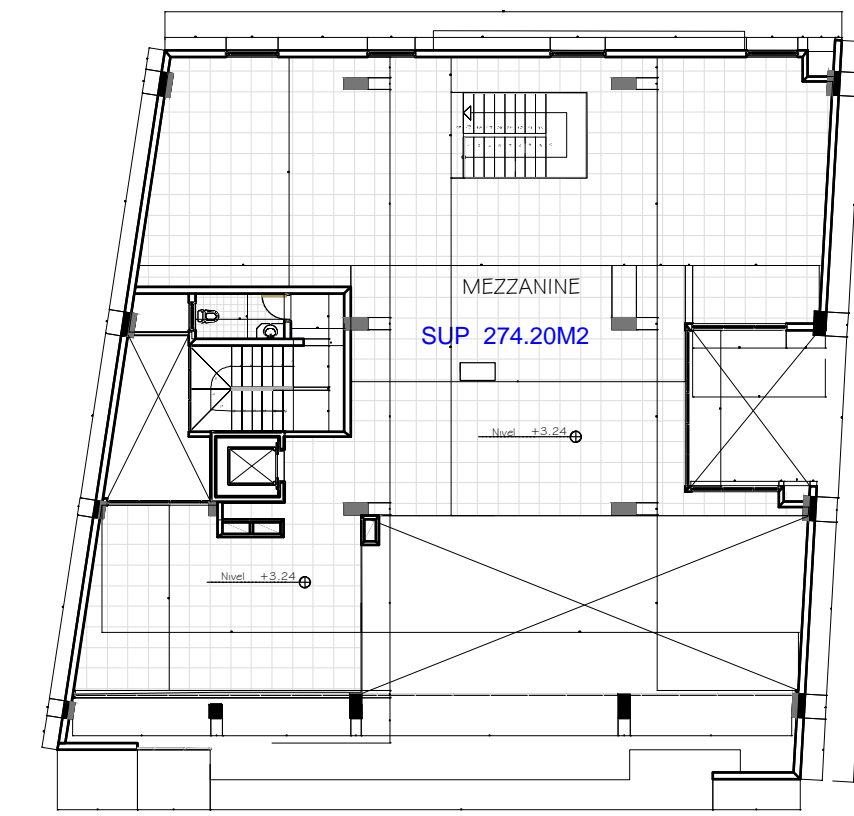
UNIVERSIDAD AUTONOMA "JUAN MISAEL SARACHO" FACULTAD DE CIENCIAS Y TECNOLOGIA		
PROYECTO : DISEÑO ESTRUCTURAL DEL EDIFICIO PARA DEPARTAMENTOS EN EL BARRIO LAS PANOSAS		
CARACTER :  PLANO DEL LEVANTAMIENTO TOPOGRAFICO	DOCENTE :  ING. CARRASCO ARNOLD PAUL DENNIS.	
UNIVERSITARIO: HURTADO CACERES JOSUE	ESCALA: 1 : 100	LAMINA: 1/22
VoBo	GRUPO: IV	FECHA: JULIO DE 2022



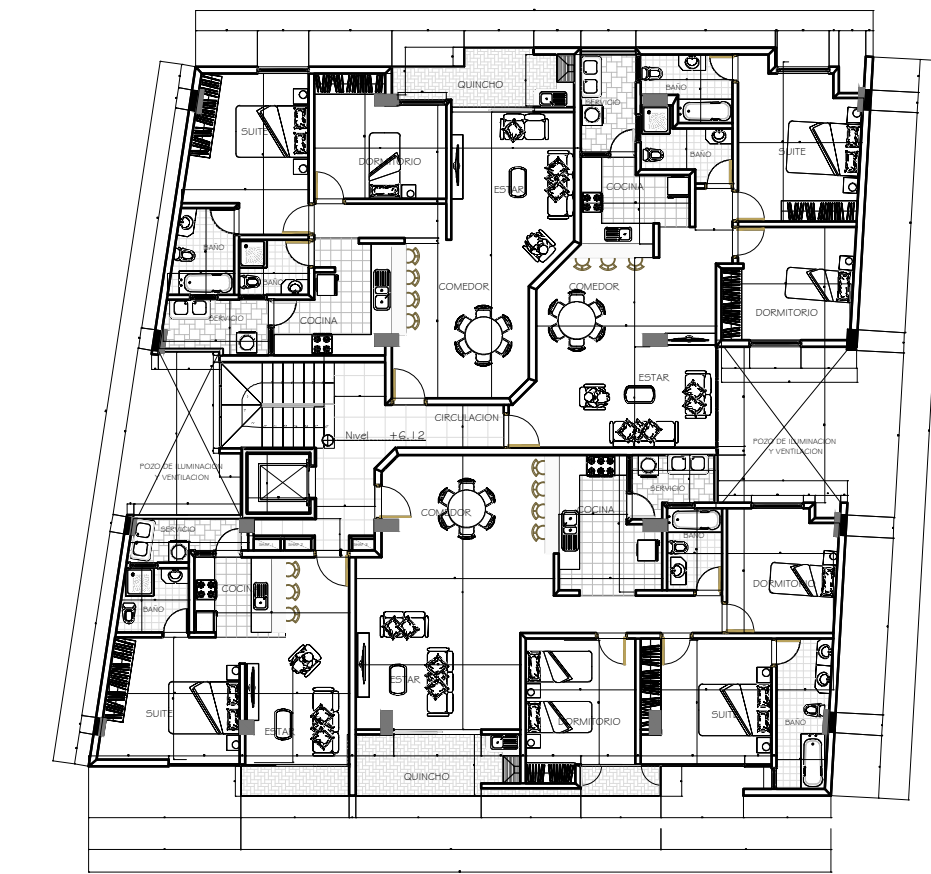
EJE DE AV. GRAL MANUEL BELGRAND  
**PLANTA SOTANO**



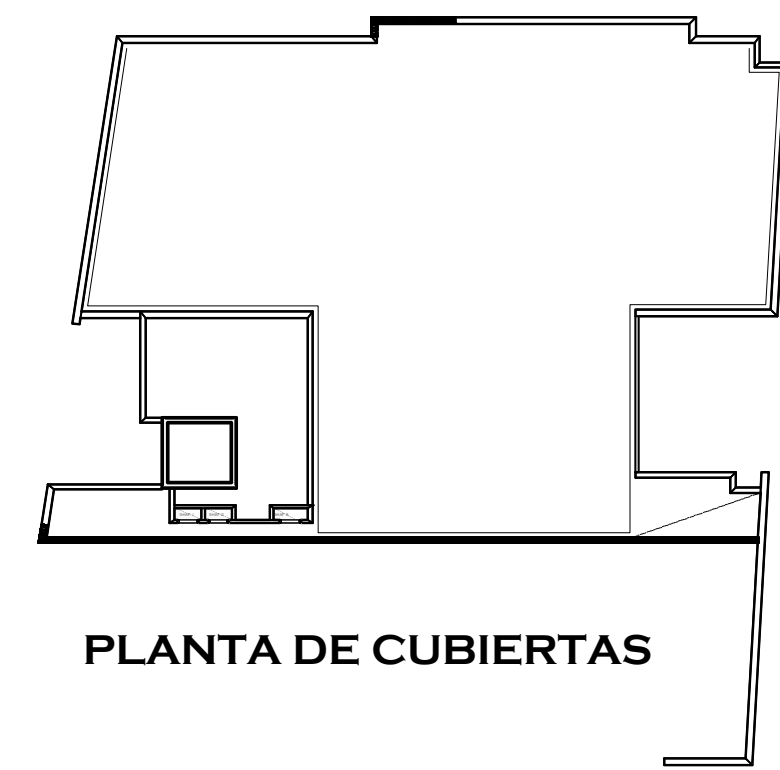
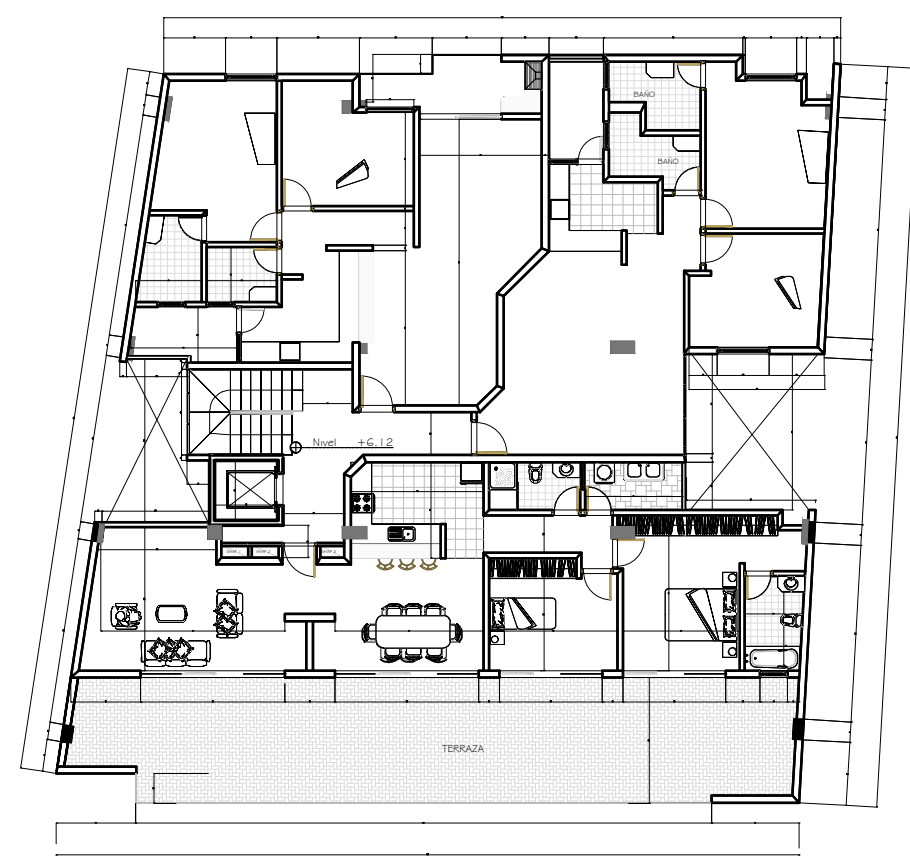
EJE DE AV. GRAL MANUEL BELGRAND  
**EMPLAZAMIENTO Y PLANTA BAJA**



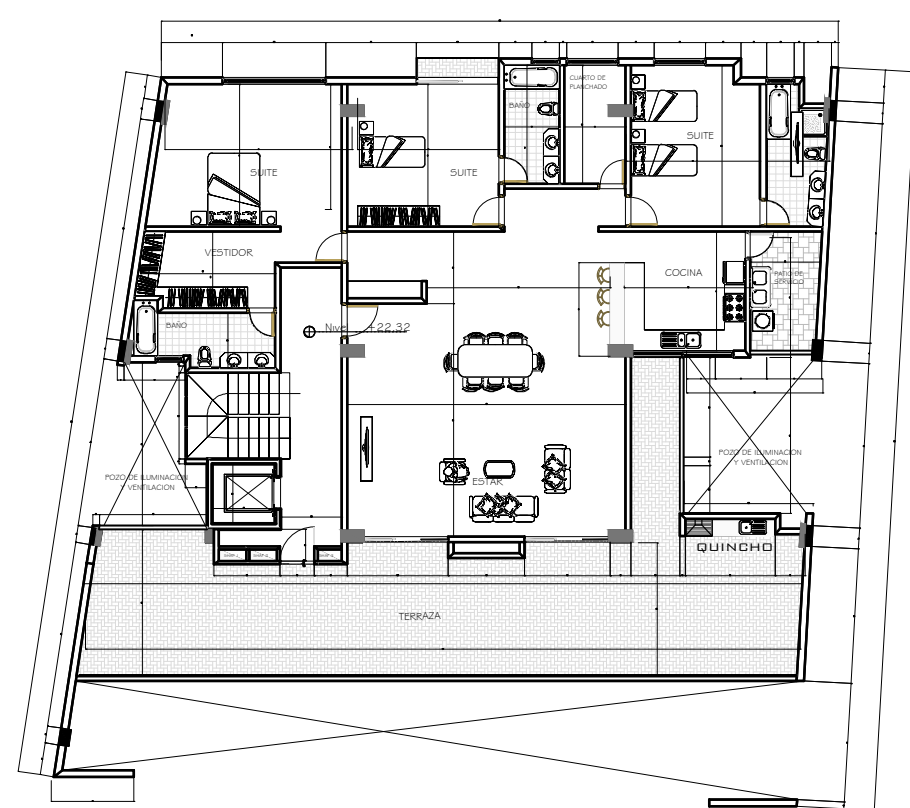
**PLANTA MEZZANINE**



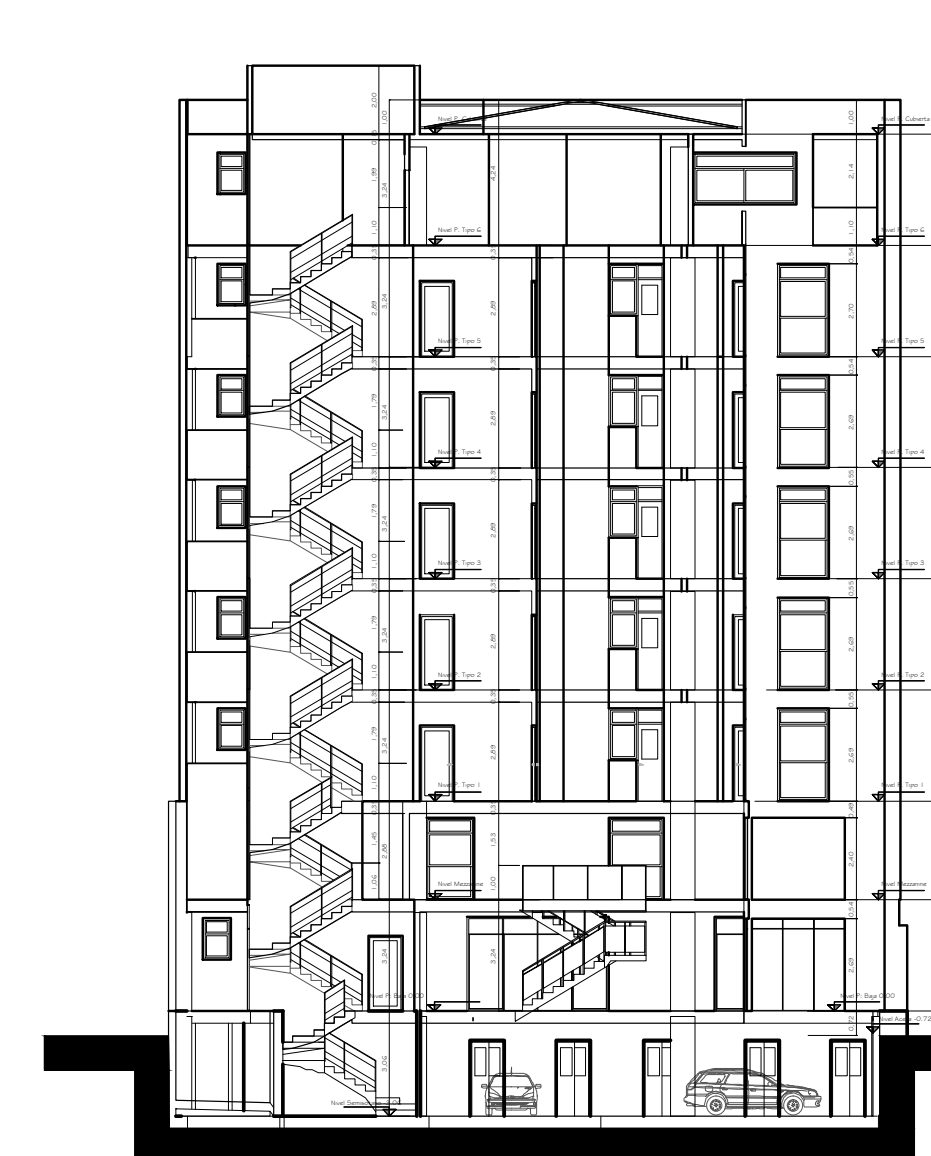
**PLANTA TIPO 1°, 2°, 3° Y 4° PISO**



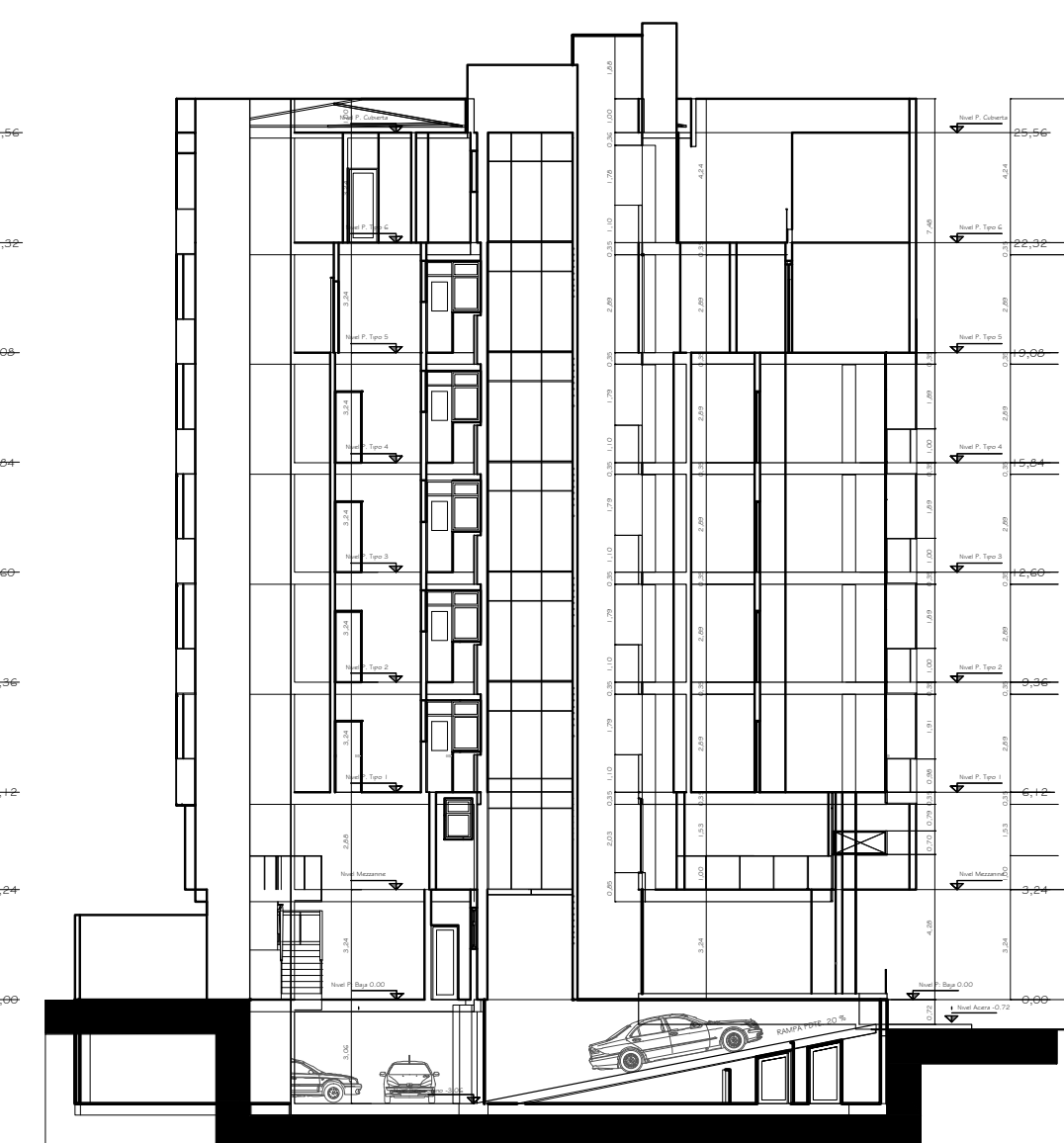
**PLANTA DE CUBIERTAS**



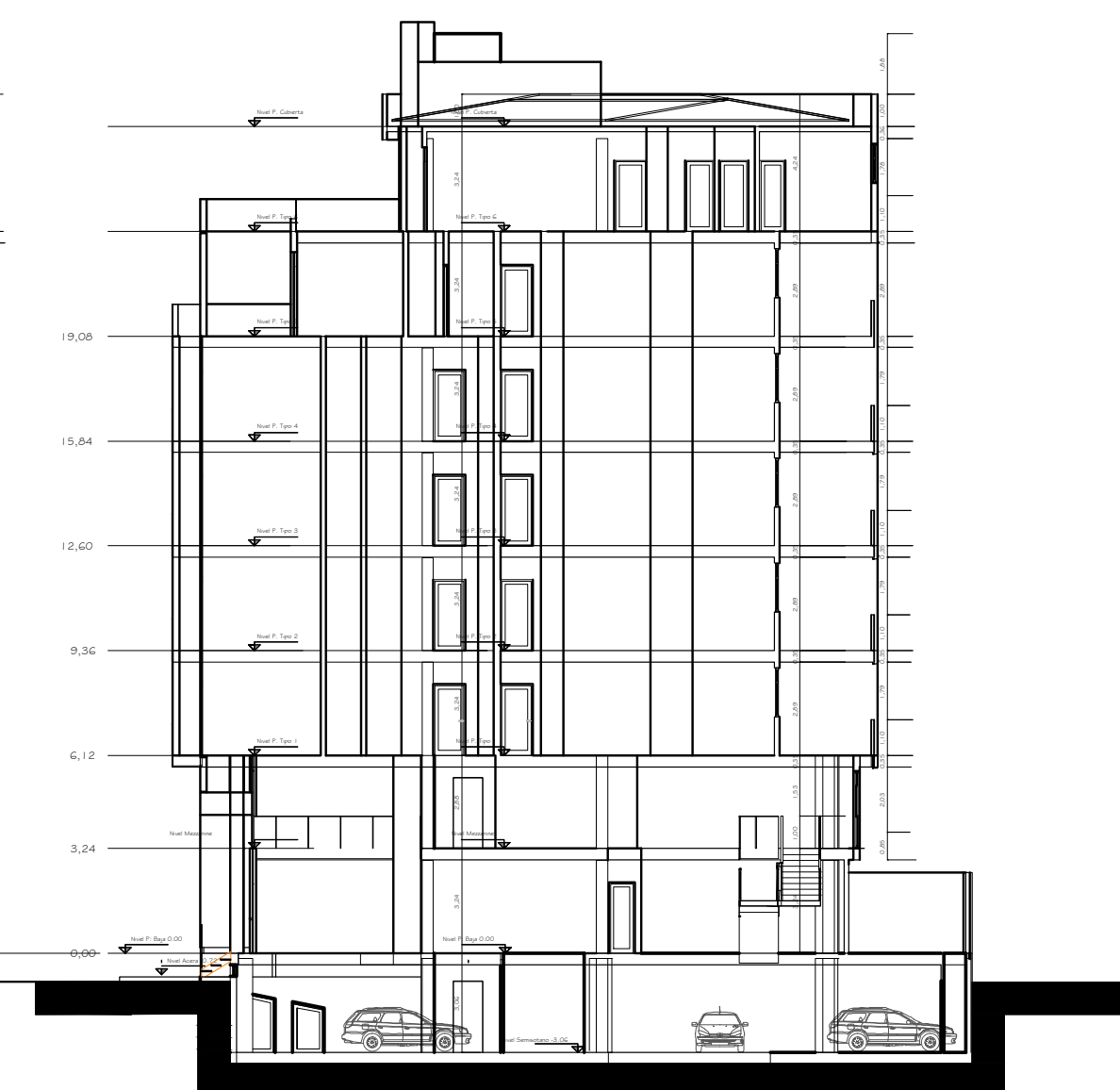
**PLANTA TIPO 6° PISO**



**CORTE A-A ESC. 1:100**



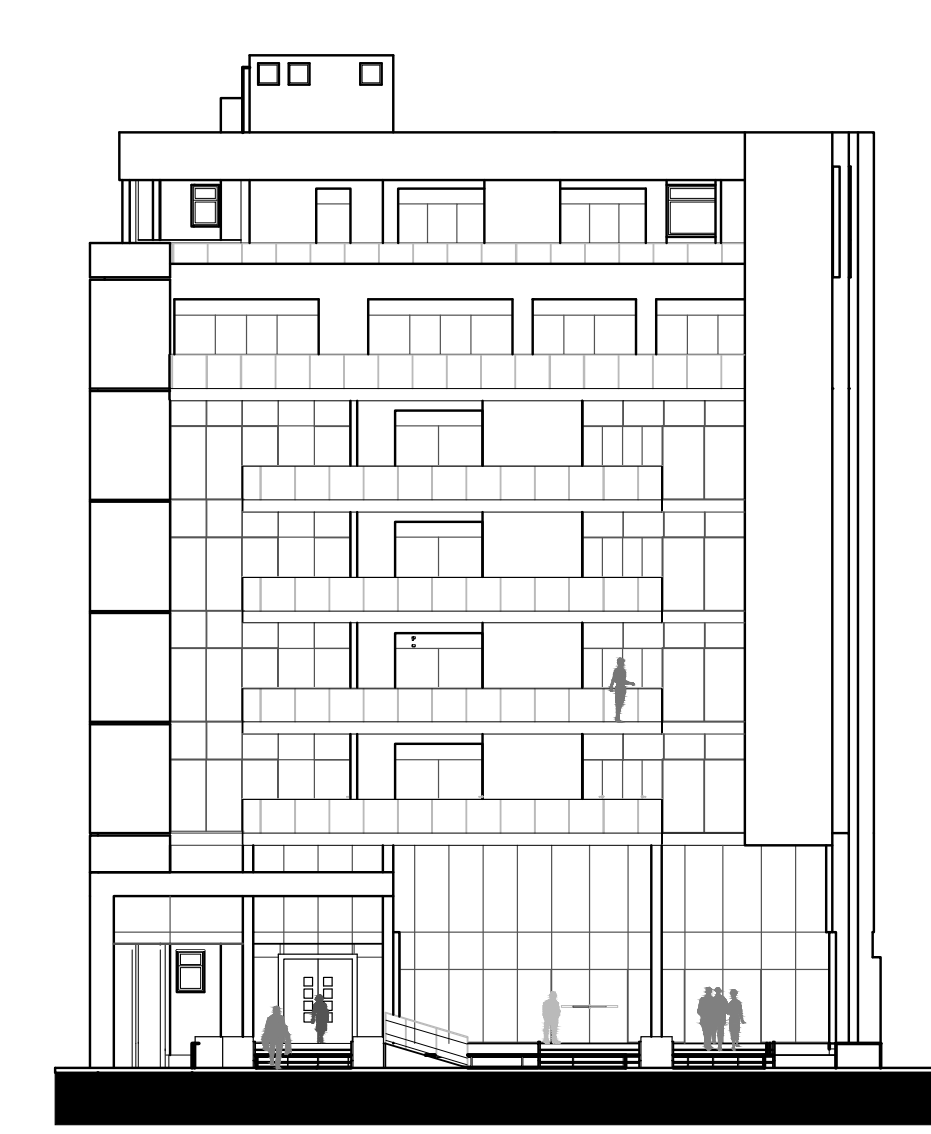
**CORTE B-B ESC. 1:100**



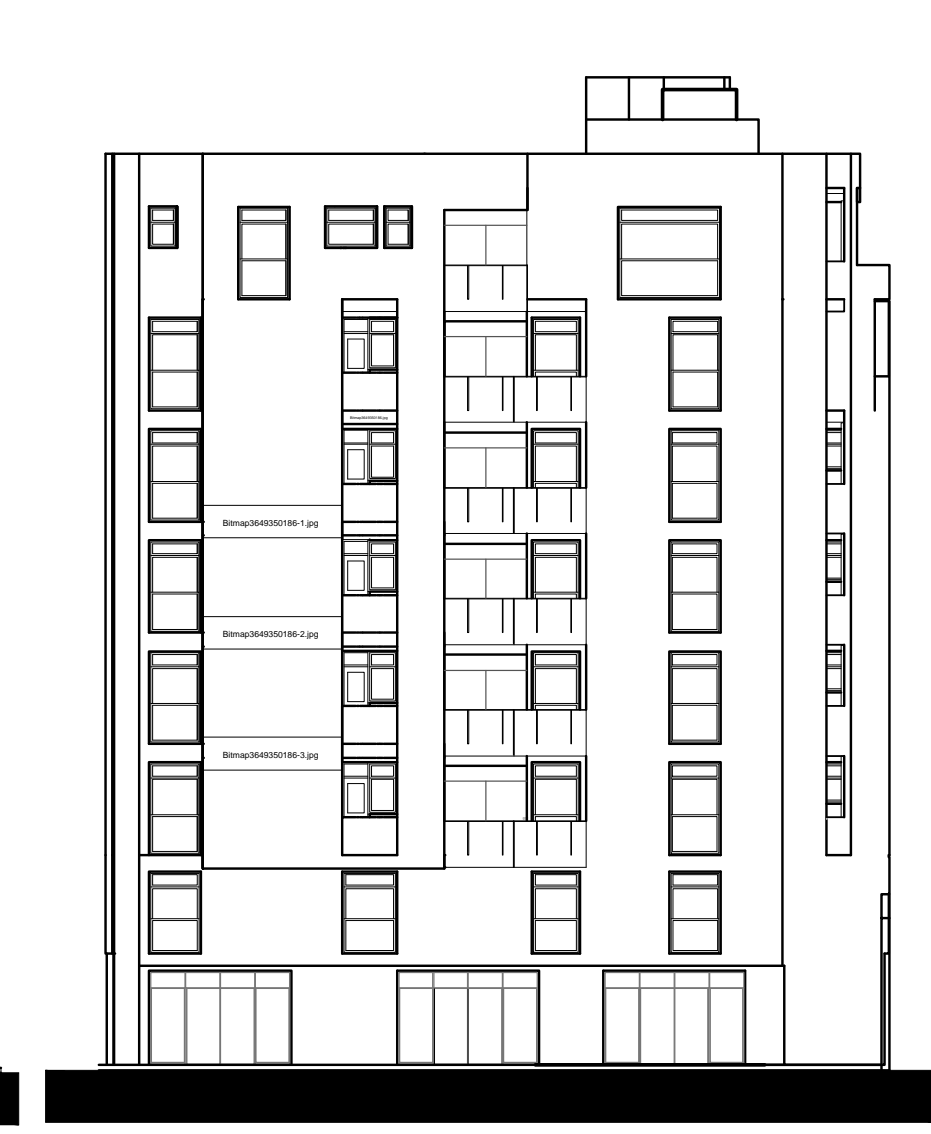
**CORTE C-C ESC. 1:100**



**CORTE D-D ESC. 1:100**



**ELEVACION ESC. 1:100**



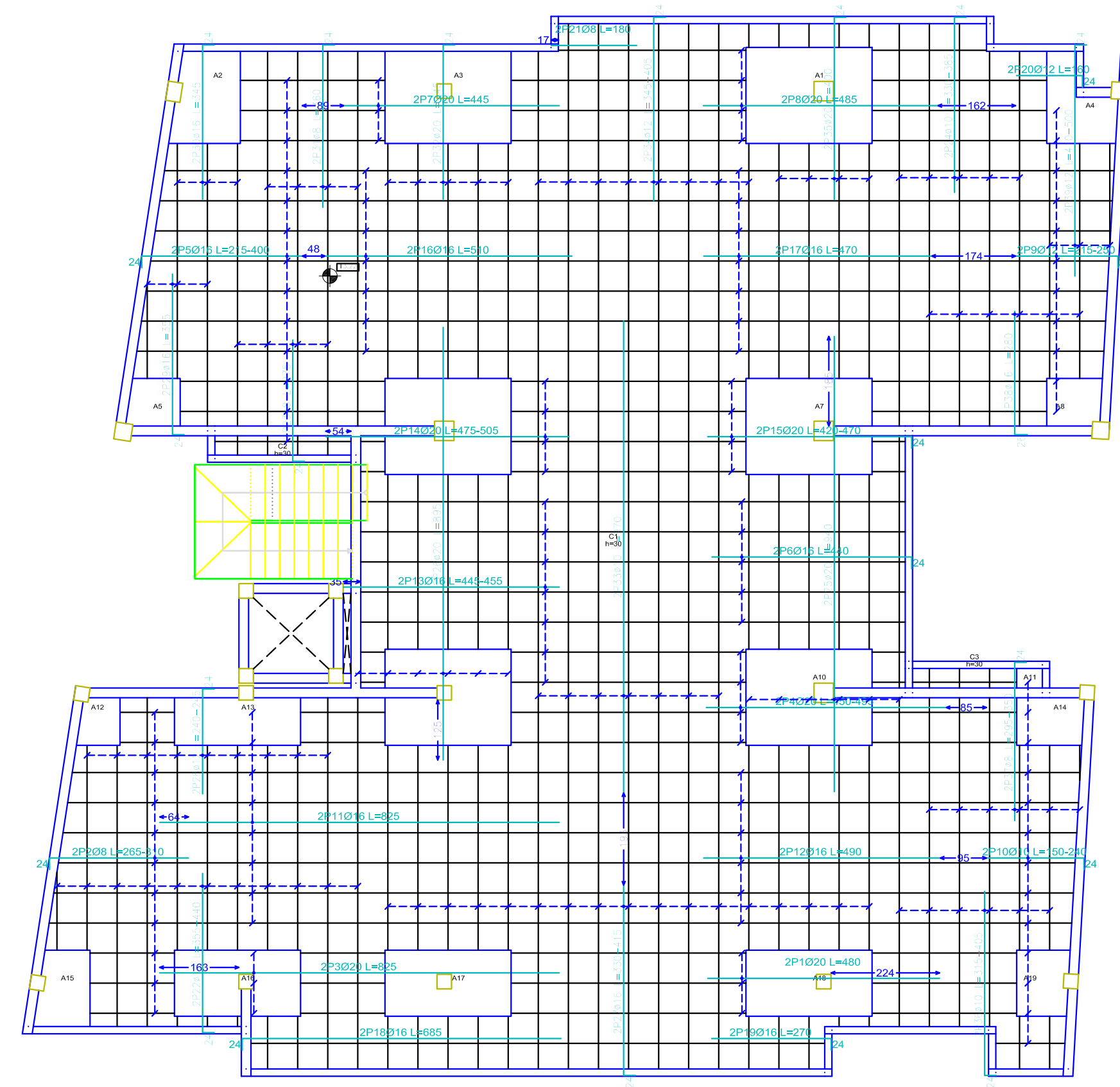
**ELEVACION ESC. 1:100**

UNIVERSIDAD AUTONOMA "JUAN MISAEL SARACHO" FACULTAD DE CIENCIAS Y TECNOLOGIA			
PROYECTO: DISEÑO ESTRUCTURAL DEL EDIFICIO PARA DEPARTAMENTOS EN EL BARRIO LAS PANOSAS			
CARACTER:	DOCENTE:		
PLANO ARQUITECTONICOS OTORGADOS POR LA EMPRESA	ING. CARBASCO ARNOLD PAUL DENNIS		
UNIVERSITARIO: HURTADO CACERES FORSE	ESCALA: 1:100	LAMINA:	2/22
VOTO:	GRUPO: IV	FECHA: 04/03/2022	









Planta 3  
 Armadura superior  
 Normas: NCh-20, Ys=1.5  
 B-500 S, Ys=1.15  
 Armadura base en abacos (por cuadrícula)  
 Capete: 200  
 No. distribuido en abaco ni incluido en el cómputo  
 Escala: 1:100

Resumen Acero	Long. total (m)	Peso+10% (kg)	Total
Armadura superior planta 3			
B 500 S, Ys=1.15	Ø8 190.9	68	
	Ø10 358.3	243	
	Ø12 190.0	186	
	Ø16 756.1	1313	
	Ø20 544.7	1478	3288

Elemento	Pos.	Diam.	No.	Long. Total (cm)	Long. Total (m)	Peso (kg)
Armadura superior						
1	Ø8	12	104	1040	10.4	104
2	Ø8	12	104	1040	10.4	104
3	Ø8	12	104	1040	10.4	104
4	Ø8	12	104	1040	10.4	104
5	Ø8	12	104	1040	10.4	104
6	Ø8	12	104	1040	10.4	104
7	Ø8	12	104	1040	10.4	104
8	Ø8	12	104	1040	10.4	104
9	Ø8	12	104	1040	10.4	104
10	Ø8	12	104	1040	10.4	104
11	Ø8	12	104	1040	10.4	104
12	Ø8	12	104	1040	10.4	104
13	Ø8	12	104	1040	10.4	104
14	Ø8	12	104	1040	10.4	104
15	Ø8	12	104	1040	10.4	104
16	Ø8	12	104	1040	10.4	104
17	Ø8	12	104	1040	10.4	104
18	Ø8	12	104	1040	10.4	104
19	Ø8	12	104	1040	10.4	104
20	Ø8	12	104	1040	10.4	104
21	Ø8	12	104	1040	10.4	104
22	Ø8	12	104	1040	10.4	104
23	Ø8	12	104	1040	10.4	104
24	Ø8	12	104	1040	10.4	104
25	Ø8	12	104	1040	10.4	104
26	Ø8	12	104	1040	10.4	104
27	Ø8	12	104	1040	10.4	104
28	Ø8	12	104	1040	10.4	104
29	Ø8	12	104	1040	10.4	104
30	Ø8	12	104	1040	10.4	104
31	Ø8	12	104	1040	10.4	104
32	Ø8	12	104	1040	10.4	104
33	Ø8	12	104	1040	10.4	104
34	Ø8	12	104	1040	10.4	104
35	Ø8	12	104	1040	10.4	104
36	Ø8	12	104	1040	10.4	104
37	Ø8	12	104	1040	10.4	104
38	Ø8	12	104	1040	10.4	104
39	Ø8	12	104	1040	10.4	104
40	Ø8	12	104	1040	10.4	104
41	Ø8	12	104	1040	10.4	104
42	Ø8	12	104	1040	10.4	104
43	Ø8	12	104	1040	10.4	104
44	Ø8	12	104	1040	10.4	104
45	Ø8	12	104	1040	10.4	104
46	Ø8	12	104	1040	10.4	104
47	Ø8	12	104	1040	10.4	104
48	Ø8	12	104	1040	10.4	104
49	Ø8	12	104	1040	10.4	104
50	Ø8	12	104	1040	10.4	104
51	Ø8	12	104	1040	10.4	104
52	Ø8	12	104	1040	10.4	104
53	Ø8	12	104	1040	10.4	104
54	Ø8	12	104	1040	10.4	104
55	Ø8	12	104	1040	10.4	104
56	Ø8	12	104	1040	10.4	104
57	Ø8	12	104	1040	10.4	104
58	Ø8	12	104	1040	10.4	104
59	Ø8	12	104	1040	10.4	104
60	Ø8	12	104	1040	10.4	104
61	Ø8	12	104	1040	10.4	104
62	Ø8	12	104	1040	10.4	104
63	Ø8	12	104	1040	10.4	104
64	Ø8	12	104	1040	10.4	104
65	Ø8	12	104	1040	10.4	104
66	Ø8	12	104	1040	10.4	104
67	Ø8	12	104	1040	10.4	104
68	Ø8	12	104	1040	10.4	104
69	Ø8	12	104	1040	10.4	104
70	Ø8	12	104	1040	10.4	104
71	Ø8	12	104	1040	10.4	104
72	Ø8	12	104	1040	10.4	104
73	Ø8	12	104	1040	10.4	104
74	Ø8	12	104	1040	10.4	104
75	Ø8	12	104	1040	10.4	104
76	Ø8	12	104	1040	10.4	104
77	Ø8	12	104	1040	10.4	104
78	Ø8	12	104	1040	10.4	104
79	Ø8	12	104	1040	10.4	104
80	Ø8	12	104	1040	10.4	104
81	Ø8	12	104	1040	10.4	104
82	Ø8	12	104	1040	10.4	104
83	Ø8	12	104	1040	10.4	104
84	Ø8	12	104	1040	10.4	104
85	Ø8	12	104	1040	10.4	104
86	Ø8	12	104	1040	10.4	104
87	Ø8	12	104	1040	10.4	104
88	Ø8	12	104	1040	10.4	104
89	Ø8	12	104	1040	10.4	104
90	Ø8	12	104	1040	10.4	104
91	Ø8	12	104	1040	10.4	104
92	Ø8	12	104	1040	10.4	104
93	Ø8	12	104	1040	10.4	104
94	Ø8	12	104	1040	10.4	104
95	Ø8	12	104	1040	10.4	104
96	Ø8	12	104	1040	10.4	104
97	Ø8	12	104	1040	10.4	104
98	Ø8	12	104	1040	10.4	104
99	Ø8	12	104	1040	10.4	104
100	Ø8	12	104	1040	10.4	104
101	Ø8	12	104	1040	10.4	104
102	Ø8	12	104	1040	10.4	104
103	Ø8	12	104	1040	10.4	104
104	Ø8	12	104	1040	10.4	104
105	Ø8	12	104	1040	10.4	104
106	Ø8	12	104	1040	10.4	104
107	Ø8	12	104	1040	10.4	104
108	Ø8	12	104	1040	10.4	104
109	Ø8	12	104	1040	10.4	104
110	Ø8	12	104	1040	10.4	104
111	Ø8	12	104	1040	10.4	104
112	Ø8	12	104	1040	10.4	104
113	Ø8	12	104	1040	10.4	104
114	Ø8	12	104	1040	10.4	104
115	Ø8	12	104	1040	10.4	104
116	Ø8	12	104	1040	10.4	104
117	Ø8	12	104	1040	10.4	104
118	Ø8	12	104	1040	10.4	104
119	Ø8	12	104	1040	10.4	104
120	Ø8	12	104	1040	10.4	104
121	Ø8	12	104	1040	10.4	104
122	Ø8	12	104	1040	10.4	104
123	Ø8	12	104	1040	10.4	104
124	Ø8	12	104	1040	10.4	104
125	Ø8	12	104	1040	10.4	104
126	Ø8	12	104	1040	10.4	104
127	Ø8	12	104	1040	10.4	104
128	Ø8	12	104	1040	10.4	104
129	Ø8	12	104	1040	10.4	104
130	Ø8	12	104	1040	10.4	104
131	Ø8	12	104	1040	10.4	104
132	Ø8	12	104	1040	10.4	104
133	Ø8	12	104	1040	10.4	104
134	Ø8	12	104	1040	10.4	104
135	Ø8	12	104	1040	10.4	104
136	Ø8	12	104	1040	10.4	104
137	Ø8	12	104	1040	10.4	104
138	Ø8	12	104	1040	10.4	104
139	Ø8	12	104	1040	10.4	104
140	Ø8	12	104	1040	10.4	104
141	Ø8	12	104	1040	10.4	104
142	Ø8	12	104	1040	10.4	104
143	Ø8	12	104	1040	10.4	104
144	Ø8	12	104	1040	10.4	104
145	Ø8	12	104	1040	10.4	104
146	Ø8	12	104	1040	10.4	104
147	Ø8	12	104	1040	10.4	104
148	Ø8	12	104	1040	10.4	104
149	Ø8	12	104	1040	10.4	104
150	Ø8	12	104	1040	10.4	104
151	Ø8	12	104	1040	10.4	104
152	Ø8	12	104	1040	10.4	104
153	Ø8	12	104	1040	10.4	104
154	Ø8	12	104	1040	10.4	104
155	Ø8	12	104	1040	10.4	104
156	Ø8	12	104	1040	10.4	104
157	Ø8	12	104	1040	10.4	104
158	Ø8	12	104	1040	10.4	104
159	Ø8	12	104	1040	10.4	104
160	Ø8	12	104	1040	10.4	104
161	Ø8	12	104	1040	10.4	104
162	Ø8	12	104	1040	10.4	104
163	Ø8	12	104	1040	10.4	104
164	Ø8	12	104	1040	10.4	104
165	Ø8	12	104	1040	10.4	104
166	Ø8	12	104	1040	10.4	104
167	Ø8	12	104	1040	10.4	104
168	Ø8	12	104	1040	10.4	104
169	Ø8	12	104	1040	10.4	104
170	Ø8	12	104	1040	10.4	104
171	Ø8	12	104	1040	10.4	104
172	Ø8	12	104	1040	10.4	104
173	Ø8	12	104	1040	10.4	104
174	Ø8	12	104	1040	10.4	104
175	Ø8	12	104	1040	10.4	104
176	Ø8	12	104	1040	10.4	104
177	Ø8	12	104	1040	10.4	104
178	Ø8	12	104	1040	10.4	104
179	Ø8	12	104	1040	10.4	104
180	Ø8	12	104	1040	10.4	104
181	Ø8	12	104	1040	10.4	104
182	Ø8	12	104	1040	10.4	104
183	Ø8	12	104	1040	10.4	104
184	Ø8	12	104	1040	10.4	104
185	Ø8	12	104	1040	10.4	104
186	Ø8	12	104	1040	10.4	104
187	Ø8	12	104	1040	10.4	104
188	Ø8	12	104	1040	10.4	104
189	Ø8	12	104	1040	10.4	104
190	Ø8	12	104	1040	10.4	104
191	Ø8	12	104	1040	10.4	104
192	Ø8	12	104	1040	10.4	104
193	Ø8	12	104	1040	10.4	104
194	Ø8	12</				



