

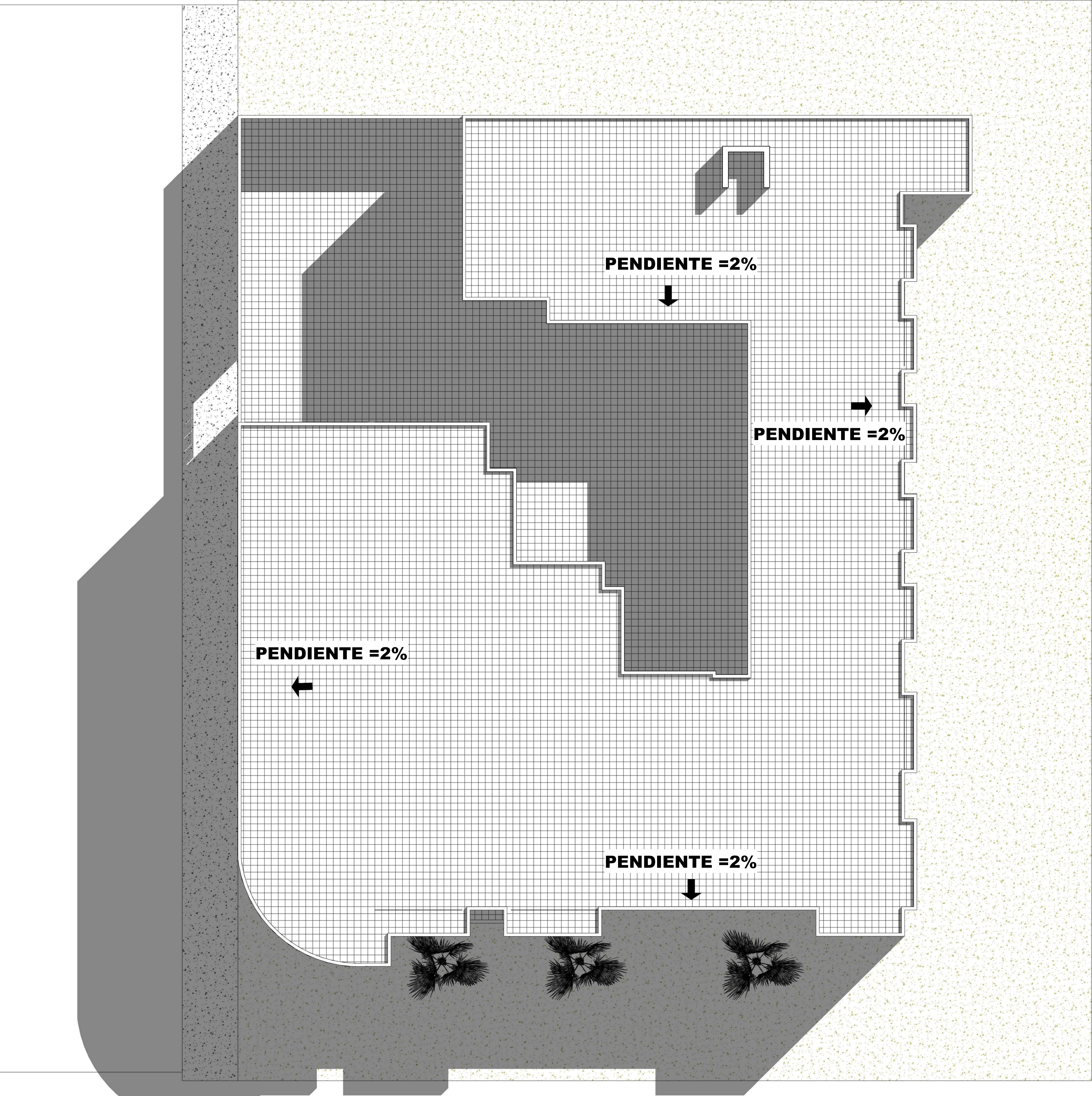
PLANTA BAJA
ESCALA 1:75



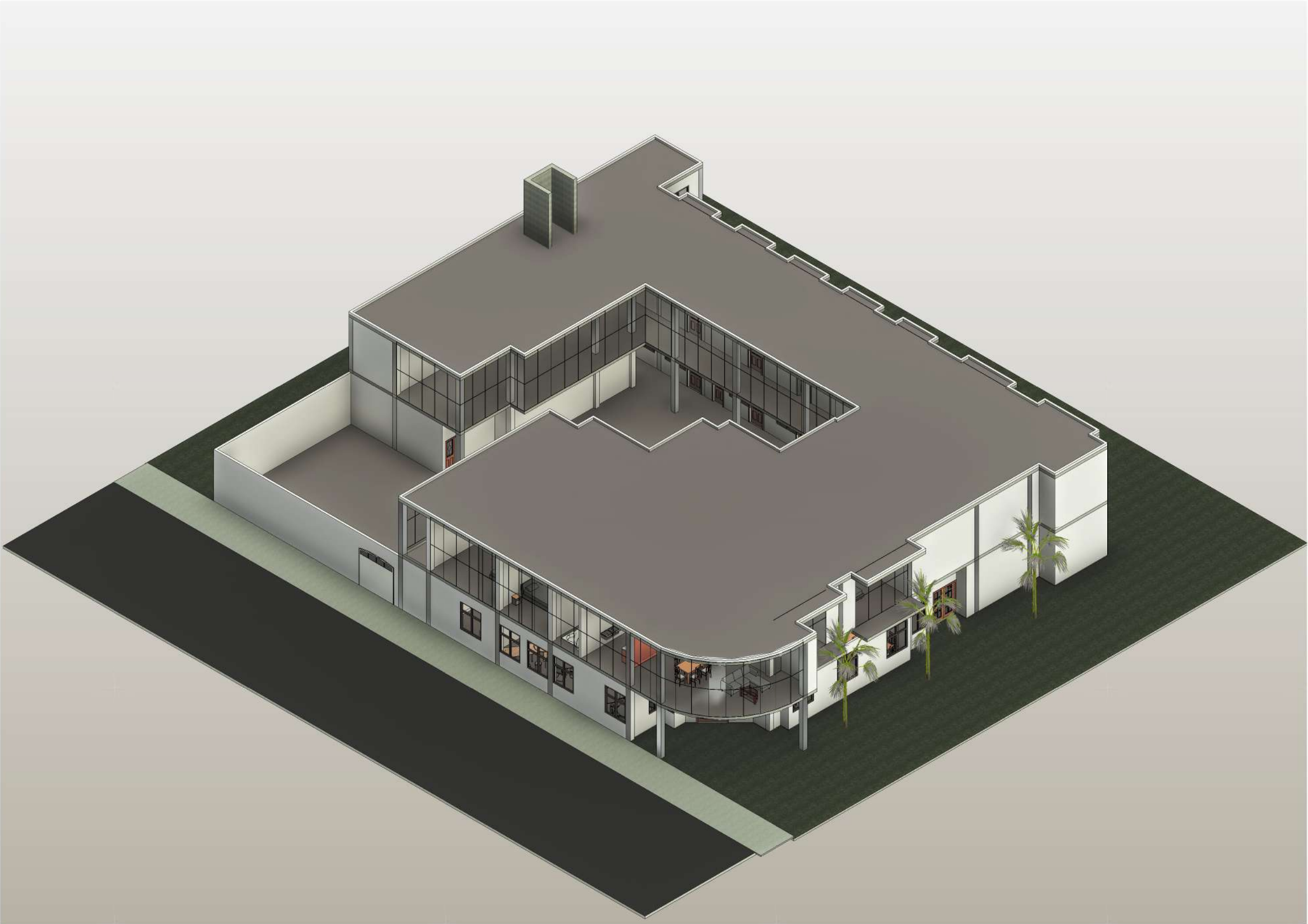
PRIMER PISO
ESCALA 1:75



PLANO DE SITIO Y TECHO
ESCALA 1:75



VISTA ISOMÉTRICA



PLANO DE ELEVACIÓN OESTE
ESCALA 1:75



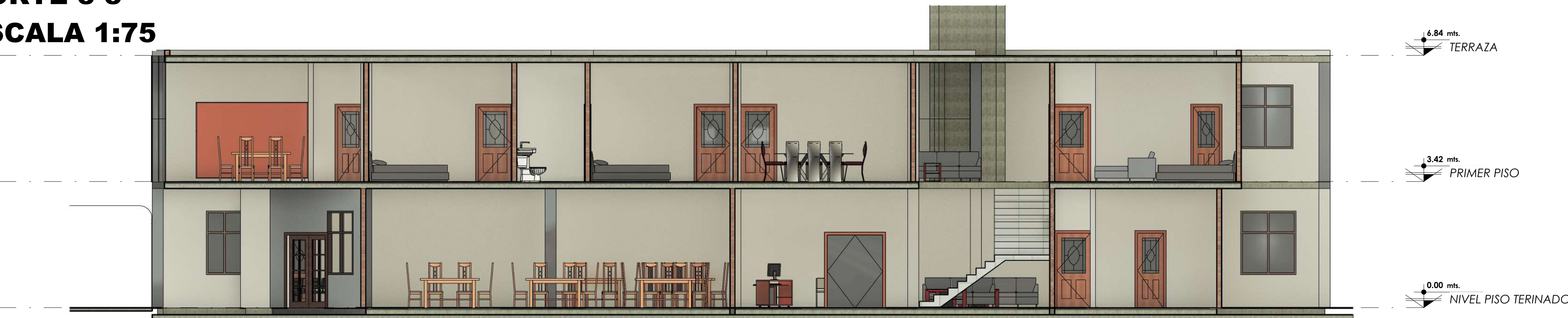
PLANO DE ELEVACIÓN SUR
ESCALA 1:75



CORTE 1-1'
ESCALA 1:75



CORTE 3-3'
ESCALA 1:75



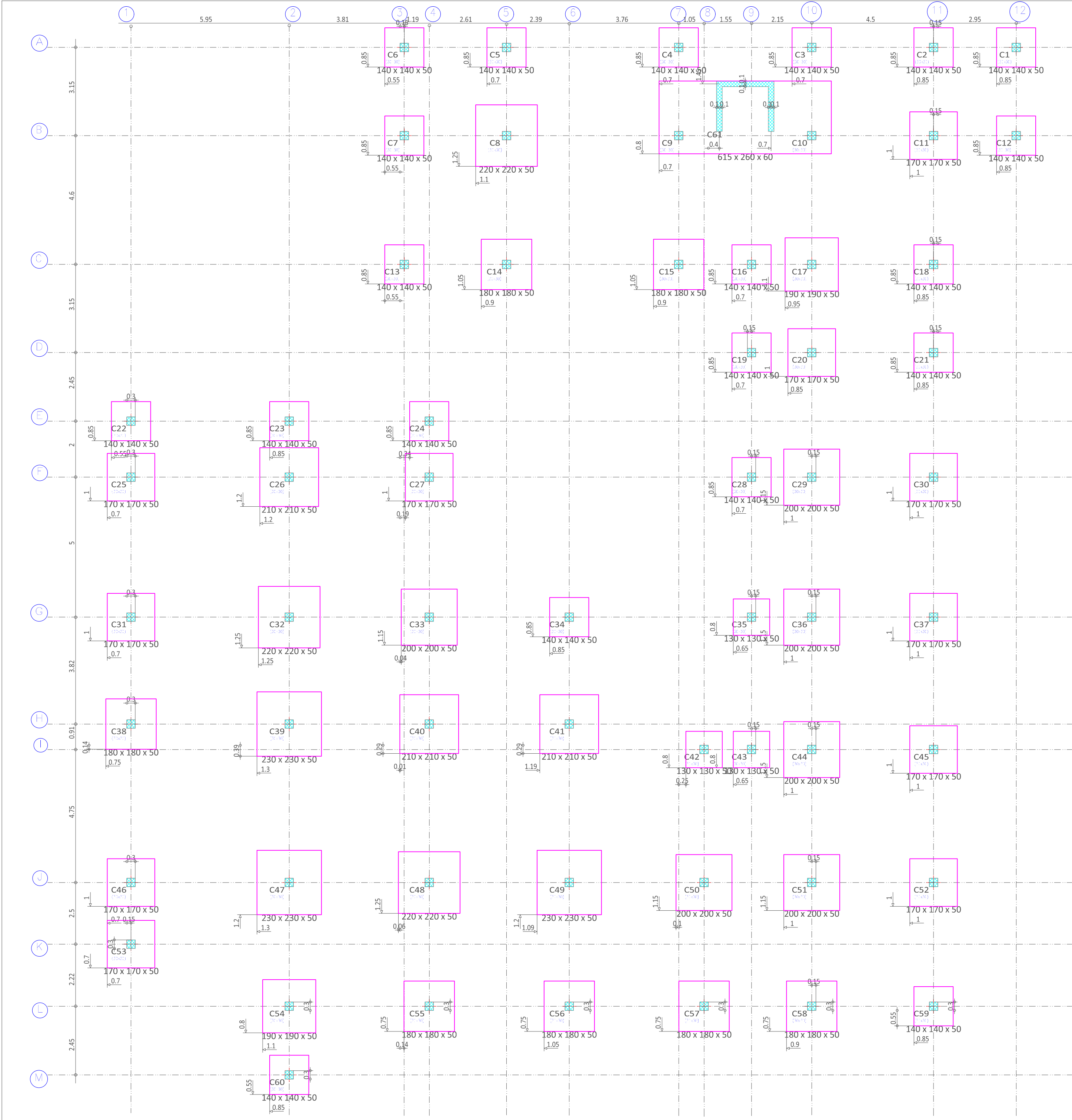
CORTE 5-5'
ESCALA 1:75



VISTA ISOMÉTRICA



6 3D Arquitectura Copia 1
07/03/2024



Fundación
Replanteo
Escala: 1:100

UNIVERSIDAD AUTÓNOMA "JUAN MISAEL SARACHO"
FACULTAD DE CIENCIAS Y TECNOLOGÍA
CARRERA DE INGENIERÍA CIVIL
DEPARTAMENTO DE ESTRUCTURAS Y CIENCIAS DE LOS MATERIALES

PROYECTO :
"DISEÑO ESTRUCTURAL DE UN HOTEL UBICADO EN EL BARRIO TABLADITA"

PLANO :
REPLANTEO FUNDACIÓN Y PLANTA BAJA

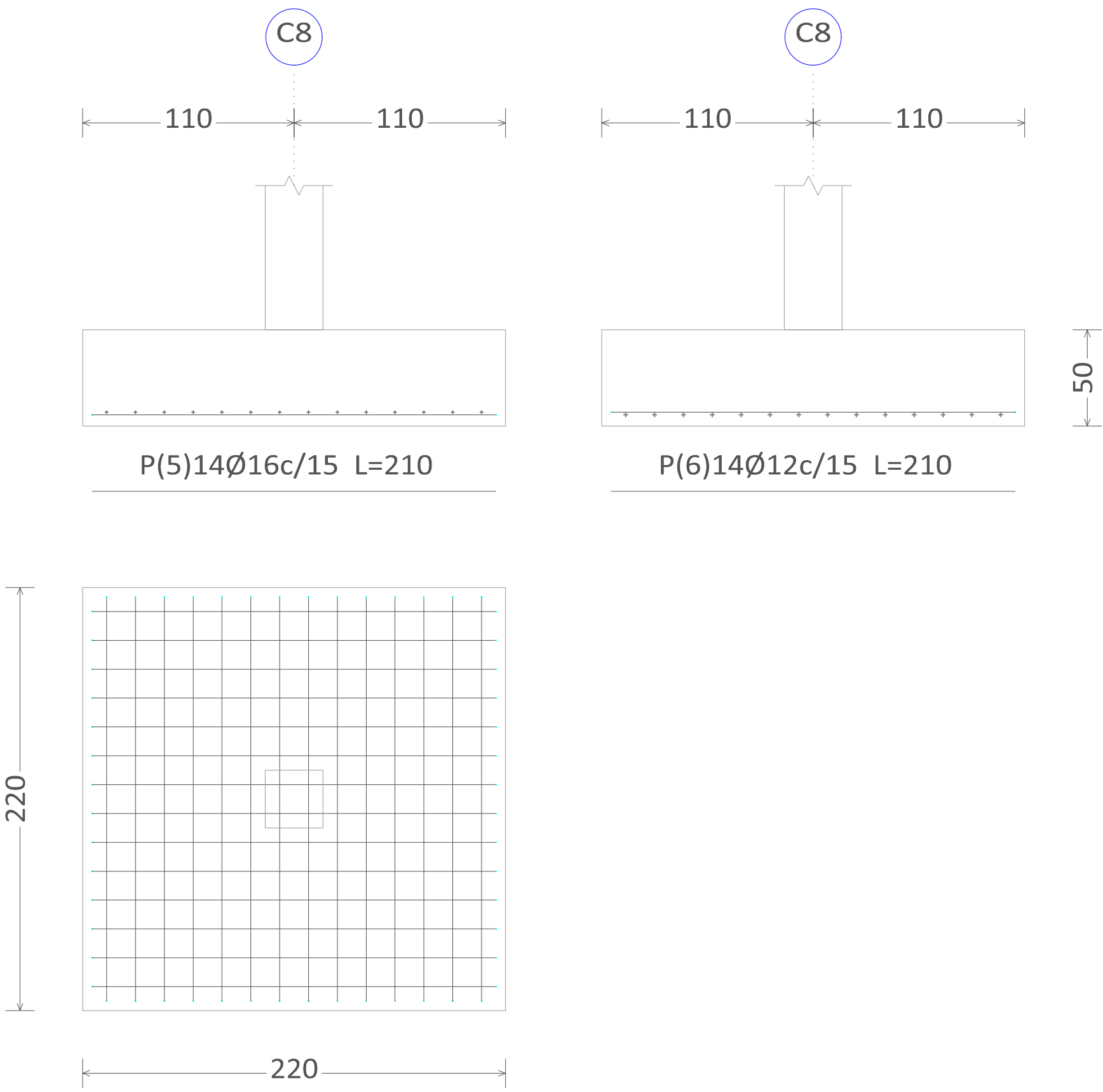
UNIVERSITARIO :
LUIS DARIO CHAVEZ RAMOS

ESCALA :
INDICADA

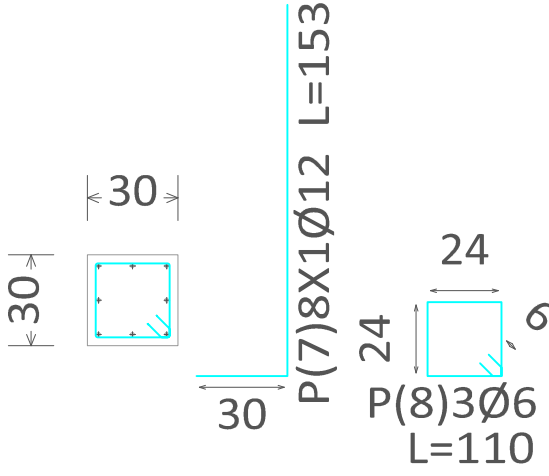
FECHA :
JULIO DE 2024

PLANO N°
1/21

C8



C8

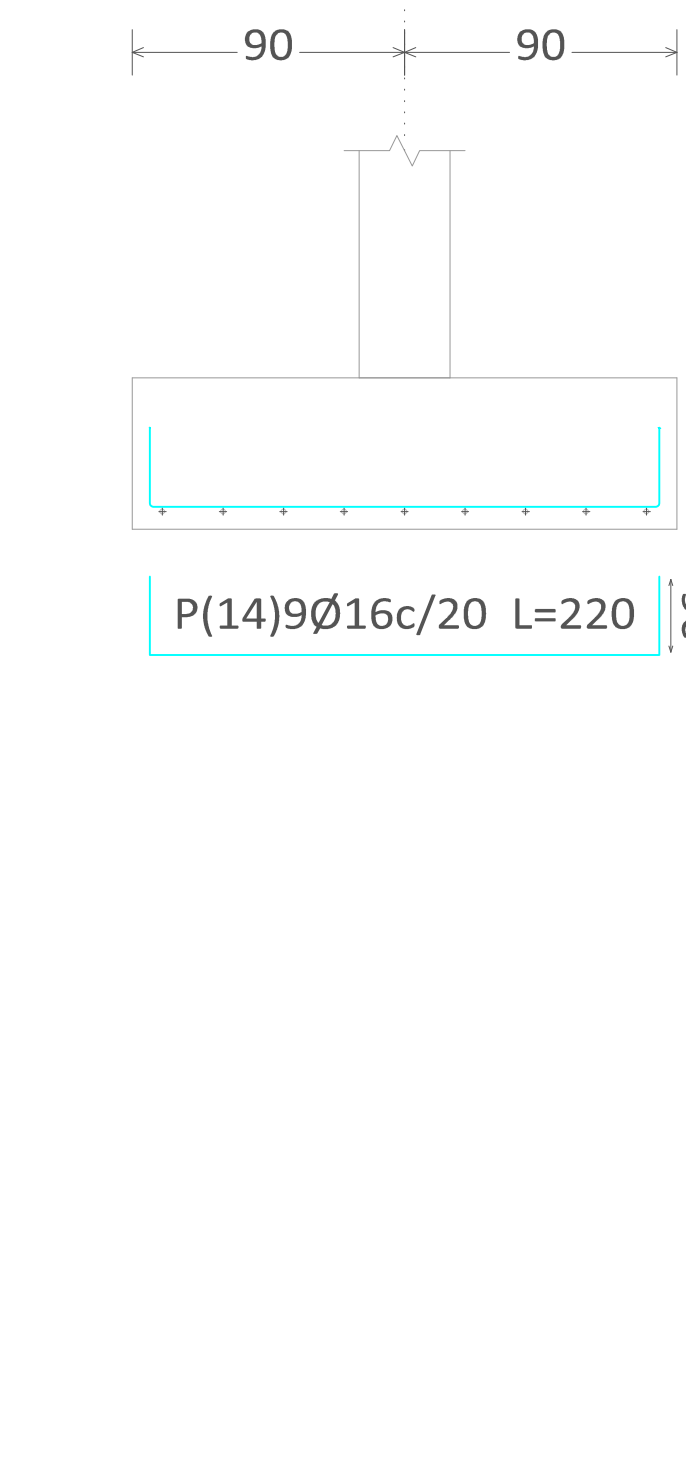


C14, C15, C38, C55, C56, C57 y C58

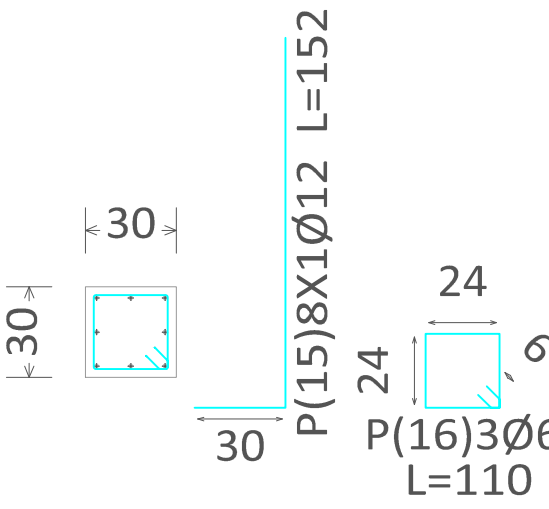
C14, C15, C38, C55, C56, C57 y C58



C14, C15, C38, C55, C56, C57 y C58



C14, C15, C38, C55, C56, C57 y C58

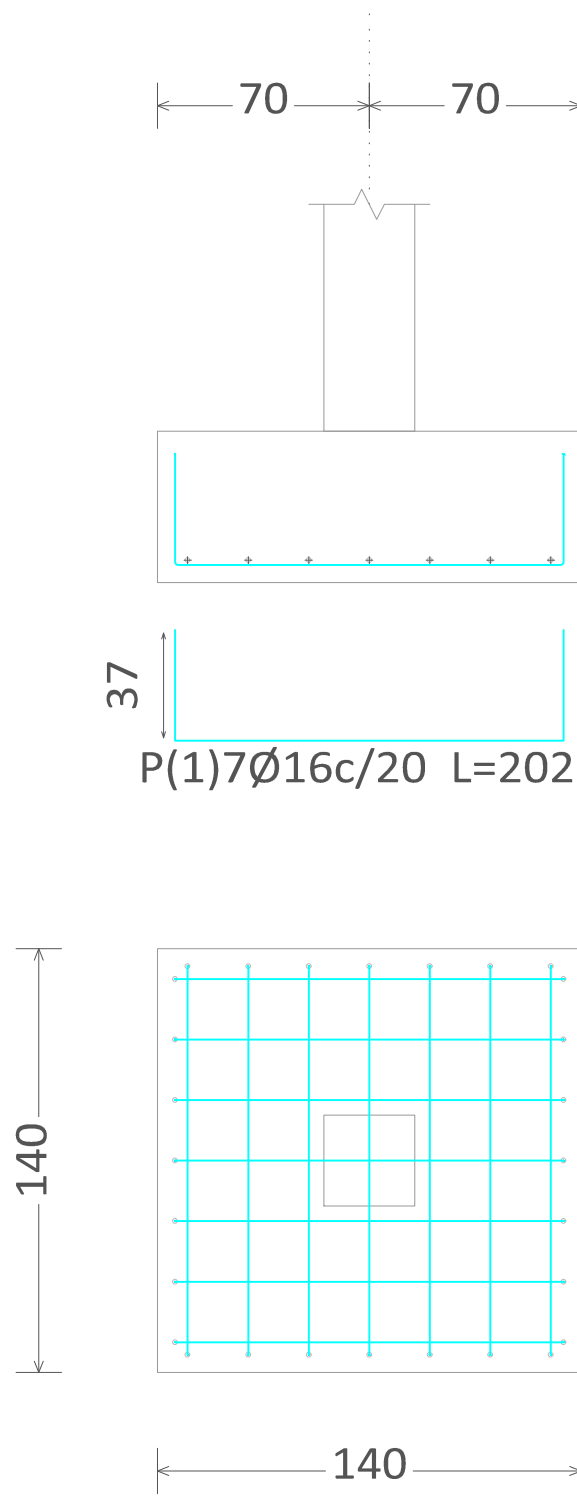
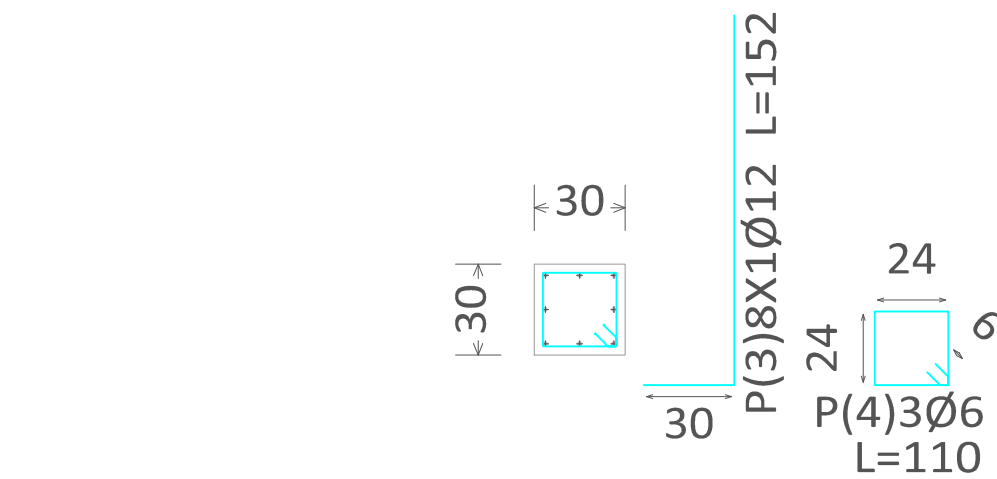


C1, C2, C3, C4, C5, C6, C7, C12, C13, C16, C18, C19, C21, C22, C23, C28, C34 y C59

C1, C2, C3, C4, C5, C6, C7, C12, C13, C16, C18, C19, C21, C22, C23, C28, C34 y C59

C1, C2, C3, C4, C5, C6, C7, C12, C13, C16, C18, C19, C21, C22, C23, C28, C34 y C59

C1, C2, C3, C4, C5, C6, C7, C12, C13, C16, C18, C19, C21, C22, C23, C28, C34 y C59



Fundación
Despiece fundación
Hormigón: F21MPA
Escala: 1:50

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
C1=C2=C3=C4=C5 C6=C7=C12=C13 C16=C18=C19=C21 C22=C23=C28=C34 C59	1	ø16	7	202	1414	22.3
	2	ø16	7	202	1414	22.3
	3	ø12	8	152	1216	10.8
	4	ø6	3	110	330	0.7
				Total+10%:		61.7
						(x18):110.6
C8	5	ø16	14	210	2940	46.4
	6	ø12	14	210	2940	26.1
	7	ø12	8	153	1224	10.9
	8	ø6	3	110	330	0.7
				Total+10%:		92.5
C11=C20=C25=C27 C30=C31=C37=C45 C46=C52=C53	9	ø16	8	210	1680	26.5
	10	ø16	8	210	1680	26.5
	11	ø12	8	152	1216	10.8
	12	ø6	3	110	330	0.7
				Total+10%:		71.0
						(x11):781.0
C14=C15=C38=C55 C56=C57=C58	13	ø16	9	220	1980	31.3
	14	ø16	9	220	1980	31.3
	15	ø12	8	152	1216	10.8
	16	ø6	3	110	330	0.7
				Total+10%:		81.5
						(x7):570.5
C17=C54	17	ø16	9	180	1620	25.6
	18	ø16	9	180	1620	25.6
	19	ø12	8	152	1216	10.8
	20	ø6	3	110	330	0.7
				Total+10%:		69.0
						(x2):138.0
C24	21	ø16	7	207	1449	22.9
	22	ø16	7	204	1428	22.5
	23	ø12	8	152	1216	10.8
	24	ø6	3	110	330	0.7
				Total+10%:		62.6
C26	25	ø16	10	200	2000	31.6
	26	ø16	10	200	2000	31.6
	27	ø12	8	152	1216	10.8
	28	ø6	3	110	330	0.7
				Total+10%:		82.2
C29=C33=C36=C44 C50=C51	29	ø16	10	190	1900	30.0
	30	ø16	10	190	1900	30.0
	31	ø12	8	152	1216	10.8
	32	ø6	3	110	330	0.7
				Total+10%:		78.7
						(x6):472.2
C32=C48	33	ø16	11	210	2310	36.5
	34	ø16	11	210	2310	36.5
	35	ø12	8	152	1216	10.8
	36	ø6	3	110	330	0.7
				Total+10%:		93.0
						(x2):186.0
C35=C42=C43	37	ø16	6	178	1068	16.9
	38	ø16	6	178	1068	16.9
	39	ø12	8	152	1216	10.8
	40	ø6	3	110	330	0.7
				Total+10%:		49.8
						(x3):149.4
C39=C47=C49	41	ø16	11	220	2420	38.2
	42	ø16	11	220	2420	38.2
	43	ø12	8	152	1216	10.8
	44	ø6	3	110	330	0.7
				Total+10%:		96.7
						(x3):290.1
C40=C41	45	ø12	14	200	2800	24.9
	46	ø12	14	200	2800	24.9
	47	ø12	8	153	1224	10.9
	48	ø6	3	110	330	0.7
				Total+10%:		67.5
						(x2):135.0
						ø6: 45.1
						ø12: 814.4
						ø16:3210.6
						Total:070.1

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
C60	1	Ø16	7	202	1414	22.3
	2	Ø16	7	202	1414	22.3
	3	Ø12	4	133	532	4.7
	4	Ø16	4	154	616	9.7
	5	Ø6	3	110	330	0.7
Total+10%:					65.7	
					Ø6:	0.8
					Ø12:	5.2
					Ø16:	59.7
					Total:	65.7

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
(C9-C10-C61)	1	Ø16	13	663	8619	36.0
	2	Ø16	31	308	9548	50.7
	3	Ø16	13	663	8619	36.0
	4	Ø16	31	308	9548	50.7
	5	Ø12	8	162	1296	11.5
	6	Ø6	3	110	330	0.7
	7	Ø12	8	162	1296	11.5
	8	Ø6	3	110	330	0.7
	9	Ø10	40	122	4880	30.1
	10	Ø6	3	204	612	1.4
	11	Ø6	3	229	687	1.5
	12	Ø6	3	204	612	1.4
	13	Ø6	3	187	561	1.2
	14	Ø6	3	195	585	1.3
	15	Ø6	3	187	561	1.2
Total+10%:					699.5	
					Ø6:	10.4
					Ø10:	33.1
					Ø12:	25.3
					Ø16:	630.7
					Total:	699.5

Resumen Acero Fundación	Long. total (m)	Peso+10% (kg)	Total
Despiece fundación			
AH-500	Ø6	234.2	57
	Ø10	48.8	33
	Ø12	866.0	846
	Ø16	2246.3	3900
			4836

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PROYECTO :
"DISEÑO ESTRUCTURAL DE UN HOTEL UBICADO EN EL BARRIO TABLADITA"

PLANO :
ARMADO FUNDACIONES

UNIVERSITARIO :
LUIS DARIO CHAVEZ RAMOS

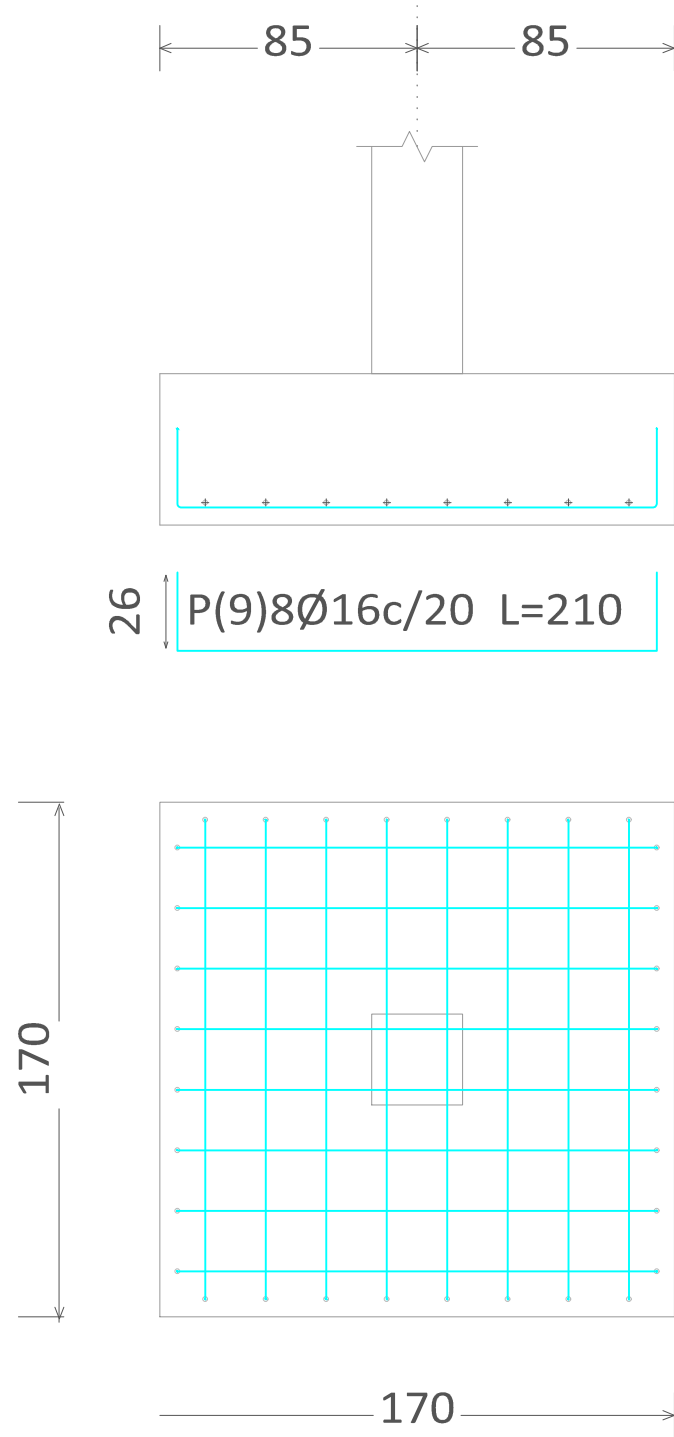
PLANO N°
2/21

ESCALA :
INDICADA

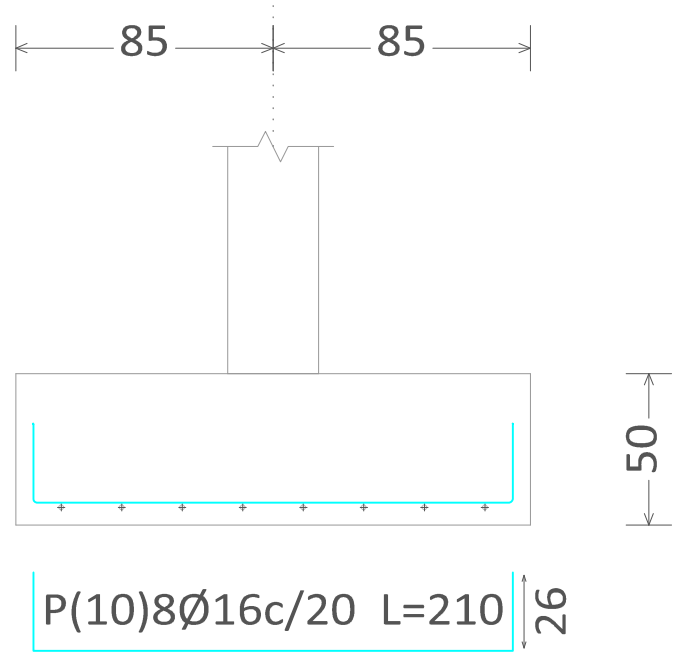
FECHA :
JULIO DE 2024

C11, C20, C25, C27, C30, C31, C37, C45, C46, C52 y C53

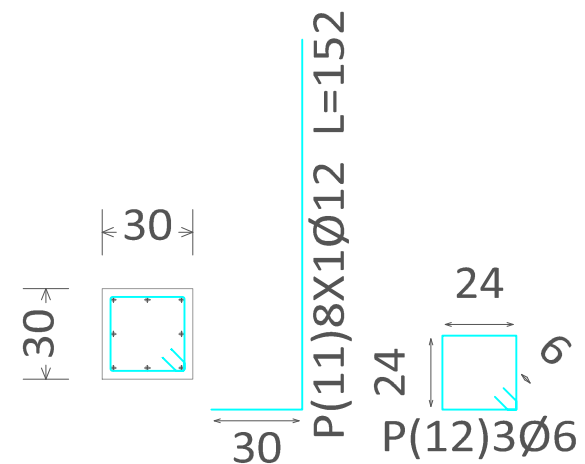
C11, C20, C25, C27, C30, C31, C37, C45, C46, C52 y C53



C11, C20, C25, C27, C30, C31, C37, C45, C46, C52 y C53

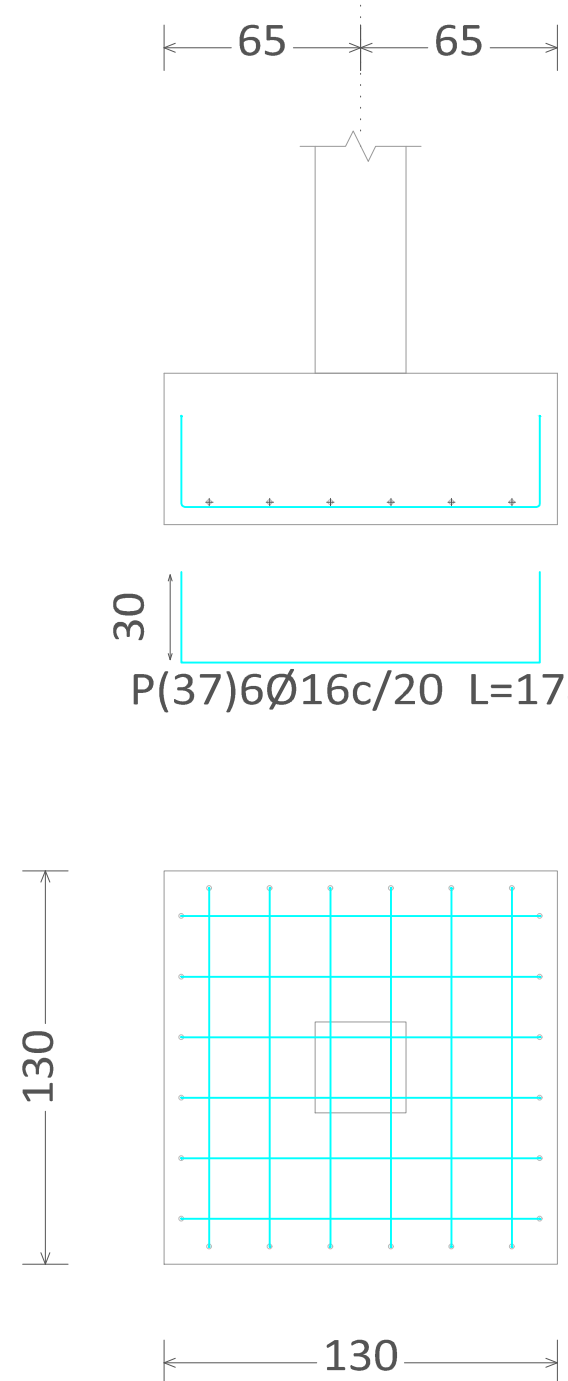


C11, C20, C25, C27, C30, C31, C37, C45, C46, C52 y C53

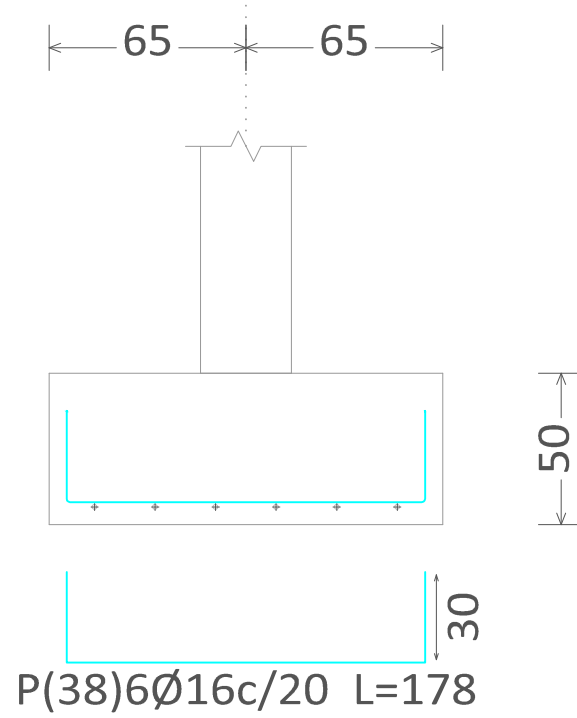


C35, C42 y C43

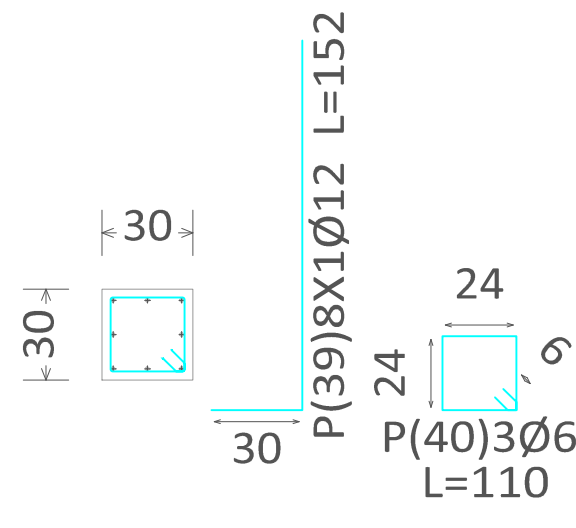
C35, C42 y C43



C35, C42 y C43

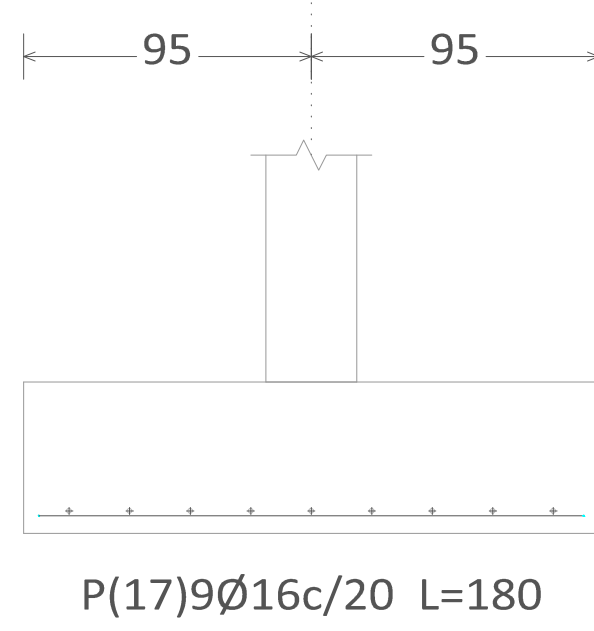


C35, C42 y C43

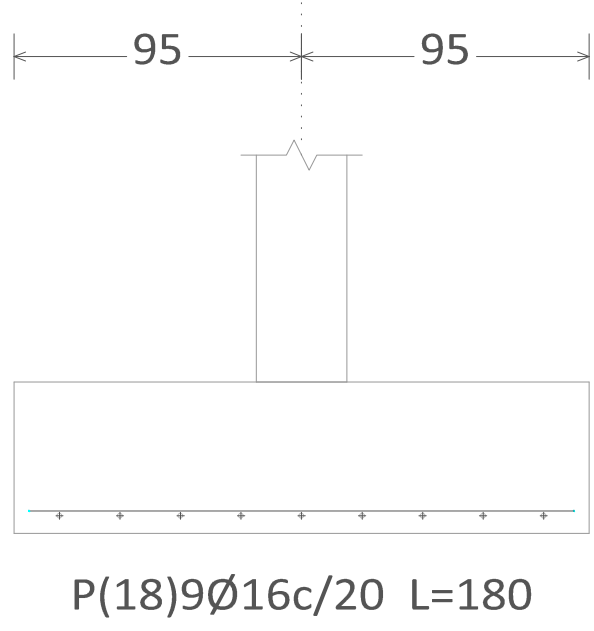


C17 y C54

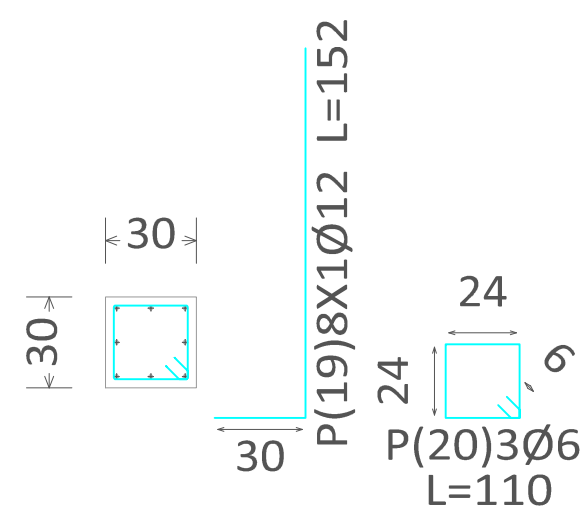
C17 y C54



C17 y C54

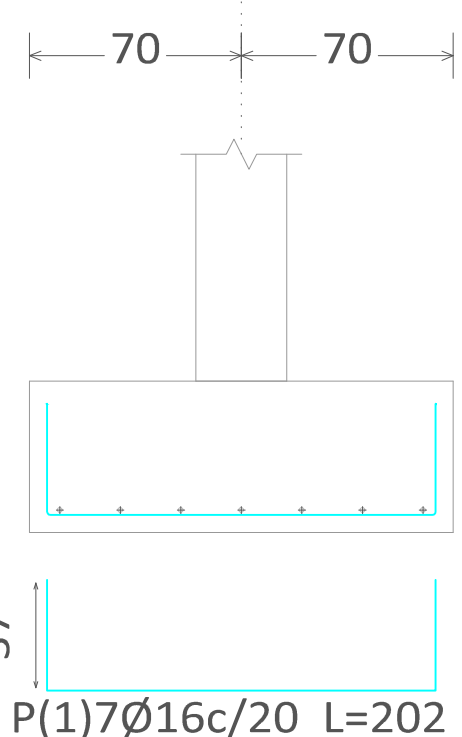


C17 y C54

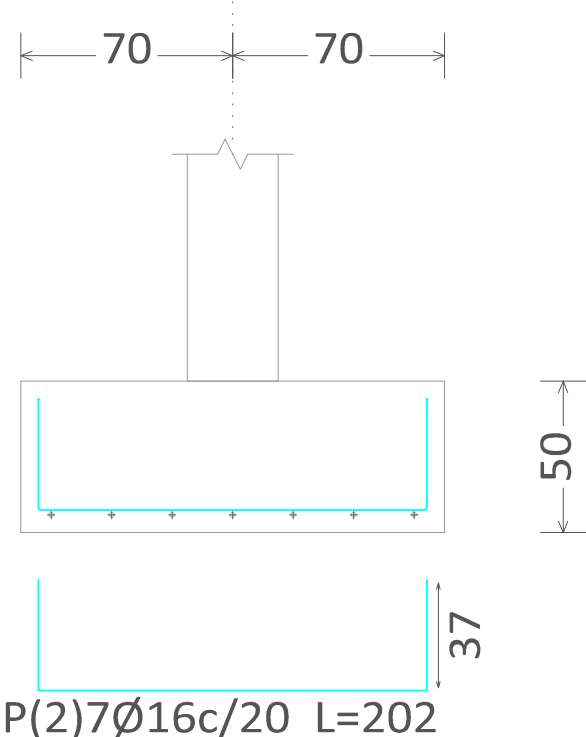


C60

C60

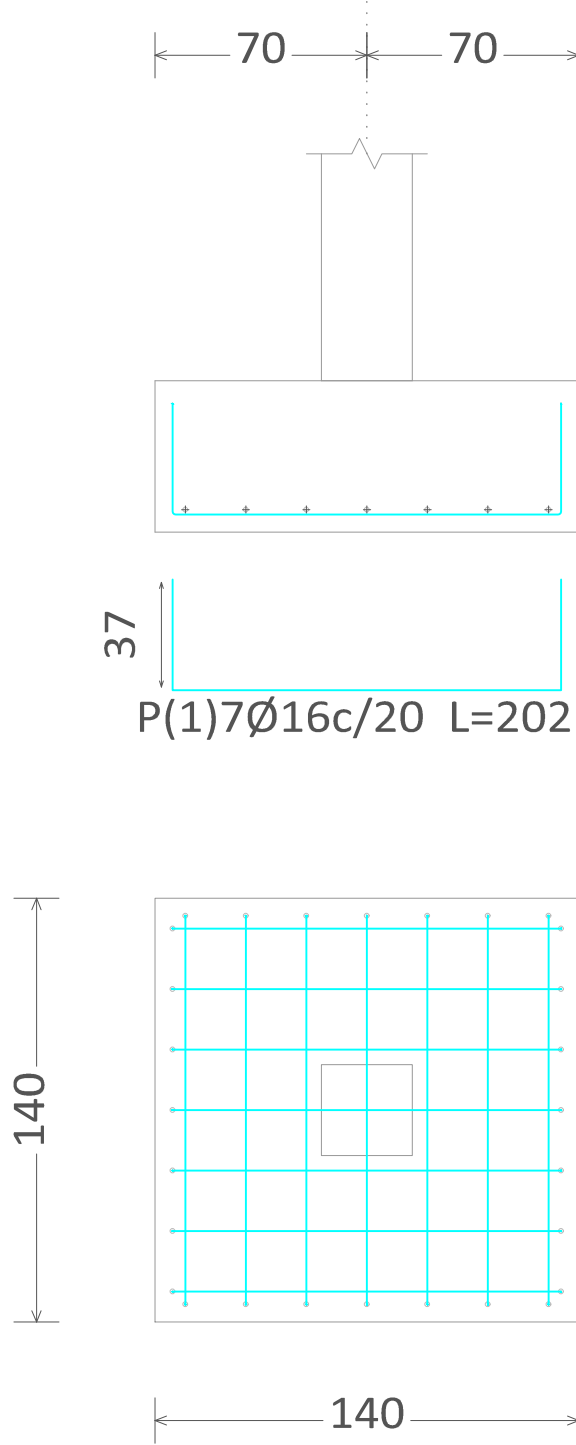


C60

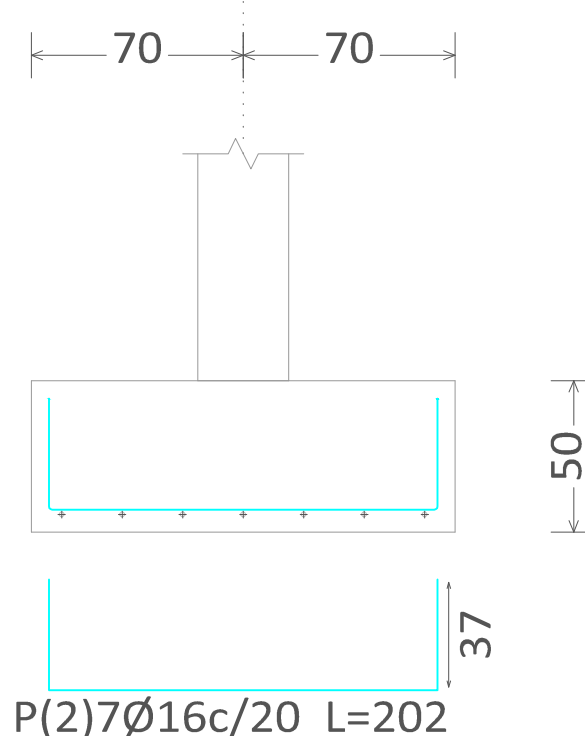


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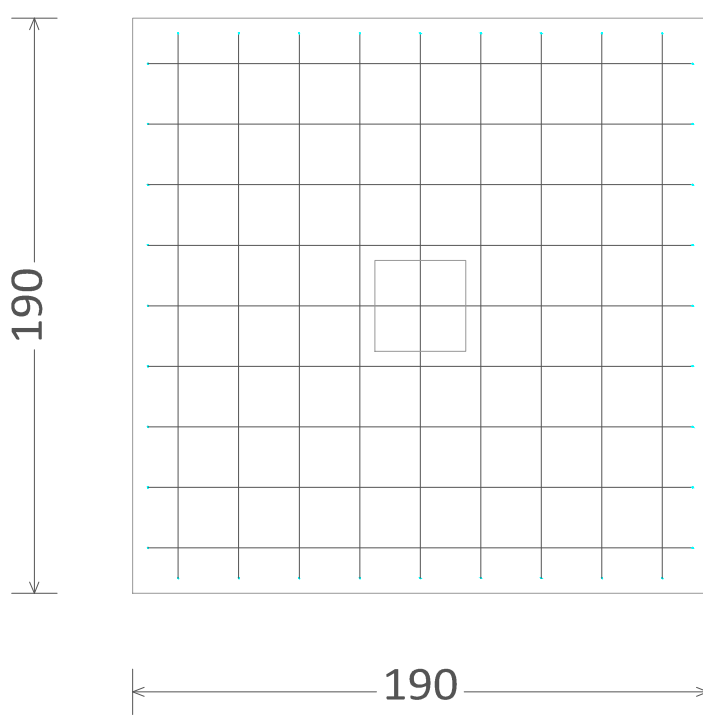
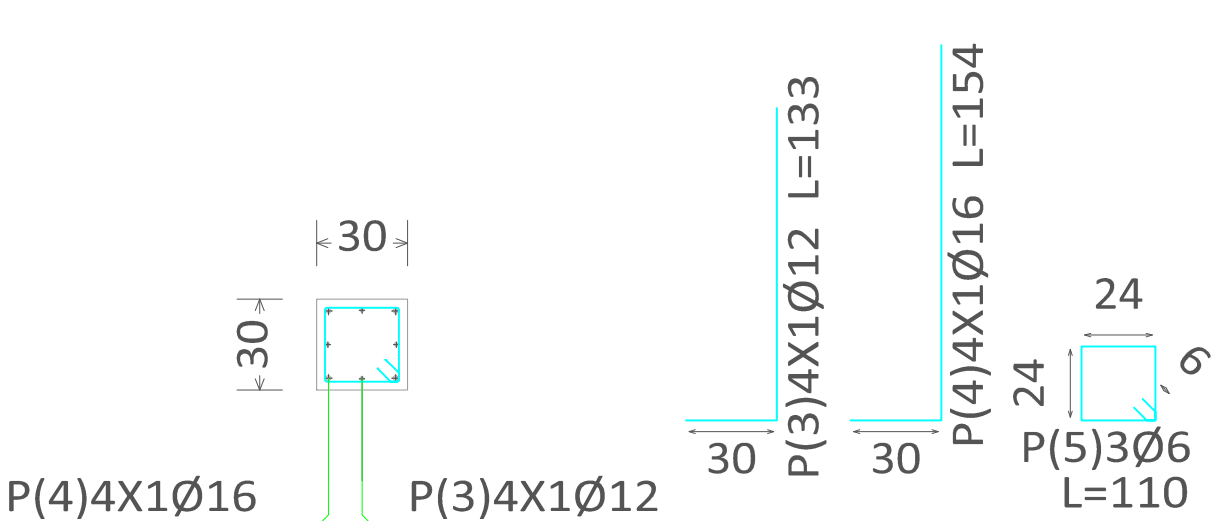
C60



C60



C60



Fundación
Despiece fundación
Hormigón: H21MPA
Escala: 1:50

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
C60	1	ø16	7	202	1414	22.3
	2	ø16	7	202	1414	22.3
	3	ø12	4	133	532	4.7
	4	ø16	4	154	616	9.7
	5	ø6	3	110	330	0.7
Total+10%:						65.7
ø6:						0.8
ø12:						5.2
ø16:						59.7
Total:						65.7

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
(C9-C10-C61)	1	ø16	13	663	8619	136.0
	2	ø16	31	308	9548	150.7
	3	ø16	13	663	8619	136.0
	4	ø16	31	308	9548	150.7
	5	ø12	8	162	1296	11.5
	6	ø6	3	110	330	0.7
	7	ø12	8	162	1296	11.5
	8	ø6	3	110	330	0.7
	9	ø10	40	122	4880	30.1
	10	ø6	3	204	612	1.4
	11	ø6	3	229	687	1.5
	12	ø6	3	204	612	1.4
	13	ø6	3	187	561	1.2
	14	ø6	3	195	585	1.3
	15	ø6	3	187	561	1.2
Total+10%:						699.5
ø6:						10.4
ø10:						33.1
ø12:						25.3
ø16:						630.7
Total:						699.5

Resumen Acero	Long. total (m)	Peso+10% (kg)	Total
Fundación			
Despiece fundación			
AH-500	ø6	234.2	57
	ø10	48.8	33
	ø12	866.0	846
	ø16	2246.3	3900
			4836

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
C1=C2=C3=C4=C5 C6=C7=C12=C13 C16=C18=C19=C21 C22=C23=C28=C34 C59	1	ø16	7	202	1414	22.3
	2	ø16	7	202	1414	22.3
	3	ø12	8	152	1216	10.8
	4	ø6	3	110	330	0.7
Total+10%:						61.7
(x18):						110.6
C8	5	ø16	14	210	2940	46.4
	6	ø12	14	210	2940	26.1
	7	ø12	8	153	1224	10.9
	8	ø6	3	110	330	0.7
Total+10%:						92.5
C11=C20=C25=C27 C30=C31=C37=C45 C46=C52=C53	9	ø16	8	210	1680	26.5
	10	ø16	8	210	1680	26.5
	11	ø12	8	152	1216	10.8
	12	ø6	3	110	330	0.7
Total+10%:						71.0
(x11):						781.0
C14=C15=C38=C55 C56=C57=C58	13	ø16	9	220	1980	31.3
	14	ø16	9	220	1980	31.3
	15	ø12	8	152	1216	10.8
	16	ø6	3	110	330	0.7
Total+10%:						81.5
(x7):						570.5
C17=C54	17	ø16	9	180	1620	25.6
	18	ø16	9	180	1620	25.6
	19	ø12	8	152	1216	10.8
	20	ø6	3	110	330	0.7
Total+10%:						69.0
(x2):						38.0
C24	21	ø16	7	207	1449	22.9
	22	ø16	7	204	1428	22.5
	23	ø12	8	152	1216	10.8
	24	ø6	3	110	330	0.7
Total+10%:						62.6
C26	25	ø16	10	200	2000	31.6
	26	ø16	10	200	2000	31.6
	27	ø12	8	152	1216	10.8
	28	ø6	3	110	330	0.7
Total+10%:						82.2
C29=C33=C36=C44 C50=C51	29	ø16	10	190	1900	30.0
	30	ø16	10	190	1900	30.0
	31	ø12	8	152	1216	10.8
	32	ø6	3	110	330	0.7
Total+10%:						78.7
(x6):						472.2
C32=C48	33	ø16	11	210	2310	36.5
	34	ø16	11	210	2310	36.5
	35	ø12	8	152	1216	10.8
	36	ø6	3	110	330	0.7
Total+10%:						93.0
(x2):						186.0
C35=C42=C43	37	ø16	6	178	1068	16.9
	38	ø16	6	178	1068	16.9
	39	ø12	8	152	1216	10.8
	40	ø6	3	110	330	0.7
Total+10%:						49.8
(x3):						149.4
C39=C47=C49	41	ø16	11	220	2420	38.2
	42	ø16	11	220	2420	38.2
	43	ø12	8	152	1216	10.8
	44	ø6	3	110	330	0.7
Total+10%:						96.7
(x3):						290.1
C40=C41	45	ø12	14	200	2800	24.9
	46	ø12	14	200	2800	24.9
	47	ø12	8	153	1224	10.9
	48	ø6	3	110	330	0.7
Total+10%:						67.5
(x2):						35.0
ø6:						45.1
ø12:						814.4
ø16:						3210.6
Total:						4070.1



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PROYECTO :

"DISEÑO ESTRUCTURAL DE UN HOTEL UBICADO EN EL BARRIO TABLADITA"

PLANO :

ARMADO FUNDACIONES

UNIVERSITARIO :

LUIS DARIO CHAVEZ RAMOS

PLANO N°

3/21

ESCALA :

INDICADA

FECHA :

JULIO DE 2024

Technical drawing of a rectangular plate with dimensions and labels. The top view shows a plate with a total width of 615 and a total height of 260. The plate is divided into three sections by two vertical lines. The left section has a width of 70, the middle section has a width of 238, and the right section has a width of 70. The top edge is labeled with three points: C9, C61, and C10. The bottom edge is labeled with two points: P(3)13Ø16c/20 L=663 and P(1)13Ø16c/20 L=663. The plate is shown with a grid pattern.

Technical drawing of a stepped profile. The profile consists of a vertical section and a horizontal section. The vertical section has a width of 30 and a height of 30. The horizontal section has a height of 30 and a length of 162. The material is specified as P(5)8X1Ø12 L=162. The drawing also shows a detail of a square hole with a side length of 24 and a depth of 6. The material for the hole is specified as P(6)3Ø6 L=110.

Technical drawing of a stepped profile. The profile consists of a vertical section and a horizontal section. The vertical section has a total height of 162 and a width of 8. The horizontal section has a total width of 110 and a height of 6. The profile is divided into three main sections: a top section with a height of 30 and a width of 30, a middle section with a height of 30 and a width of 24, and a bottom section with a height of 30 and a width of 24. The part is identified by the number P(7)8X12 and L=162. The bottom section is identified by the number P(8)306 and L=110. The drawing includes dimension lines and arrows indicating the measurements.

Technical drawings of a reinforced concrete slab and column. The top part shows two views of a column labeled "C26" with dimensions 105 and 105. The bottom part shows a plan view of a 210x210 slab with a grid of reinforcement bars.

[illegible]

Technical drawings of two reinforcement cage variants, C24 and C24, showing side and top views with dimensions and reinforcement specifications.

Variant C24 (Left):

- Side view: Shows a vertical reinforcement bar with a diameter of 16 mm and a length of 207 mm. The cage is 70 mm wide and 39 mm high.
- Top view: Shows a square cage with a side length of 140 mm. The reinforcement is specified as P(21)7Ø16c/20 L=207.

Variant C24 (Right):

- Side view: Shows a vertical reinforcement bar with a diameter of 16 mm and a length of 204 mm. The cage is 70 mm wide and 38 mm high.
- Top view: Shows a square cage with a side length of 140 mm. The reinforcement is specified as P(22)7Ø16c/20 L=204.

Variant C24 (Bottom Right):

- Side view: Shows a vertical reinforcement bar with a diameter of 12 mm and a length of 152 mm. The cage is 30 mm wide and 30 mm high.
- Top view: Shows a square cage with a side length of 110 mm. The reinforcement is specified as P(23)8x1Ø12 L=152.

The figure displays technical drawings of two reinforced concrete beams, P(33) and P(34), and a plan view of the slab.

Beam P(33) Cross-Section: The cross-section is labeled "C32 y C48". It shows a rectangular beam with a total width of 220 mm, indicated by dimension lines showing 110 mm on each side of the central vertical axis. The beam is supported by a base. The reinforcement is labeled "P(33)11Ø16c/20 L=210".

Beam P(34) Cross-Section: The cross-section is labeled "C32 y C48". It shows a rectangular beam with a total width of 220 mm, indicated by dimension lines showing 110 mm on each side of the central vertical axis. The beam is supported by a base. The reinforcement is labeled "P(34)11Ø16c/20 L=210".

Plan View: The plan view shows a square slab with a side length of 220 mm, indicated by dimension lines. A central square area is outlined, representing the location of the beams. The reinforcement is labeled "P(33)11Ø16c/20 L=210".

Technical drawing of a 3D L-shaped profile. The drawing shows two views: a top view (left) and a side view (right). The top view is a square with a side length of 30 mm. The side view is an L-shape with a vertical leg of height 152 mm and a horizontal leg of width 30 mm. The material is specified as P(35)8X1Ø12 L=152. The bottom view is a square with a side length of 24 mm. The material is specified as P(36)3Ø L=110.

Technical drawings of two reinforcement layouts, C40 y C41, showing dimensions and reinforcement details.

Left Drawing (C40 y C41): Shows a rectangular reinforcement layout with a central vertical bar. The total width is 210, with 105 on each side of the central bar. The total height is 210, with 105 on each side of the central bar. The reinforcement is labeled P(45)14Ø12c/15 L=200.

Right Drawing (C40 y C41): Shows a rectangular reinforcement layout with a central vertical bar. The total width is 210, with 105 on each side of the central bar. The total height is 210, with 105 on each side of the central bar. The reinforcement is labeled P(46)14Ø12c/15 L=200.

Technical drawing of a stepped profile with the following dimensions and specifications:

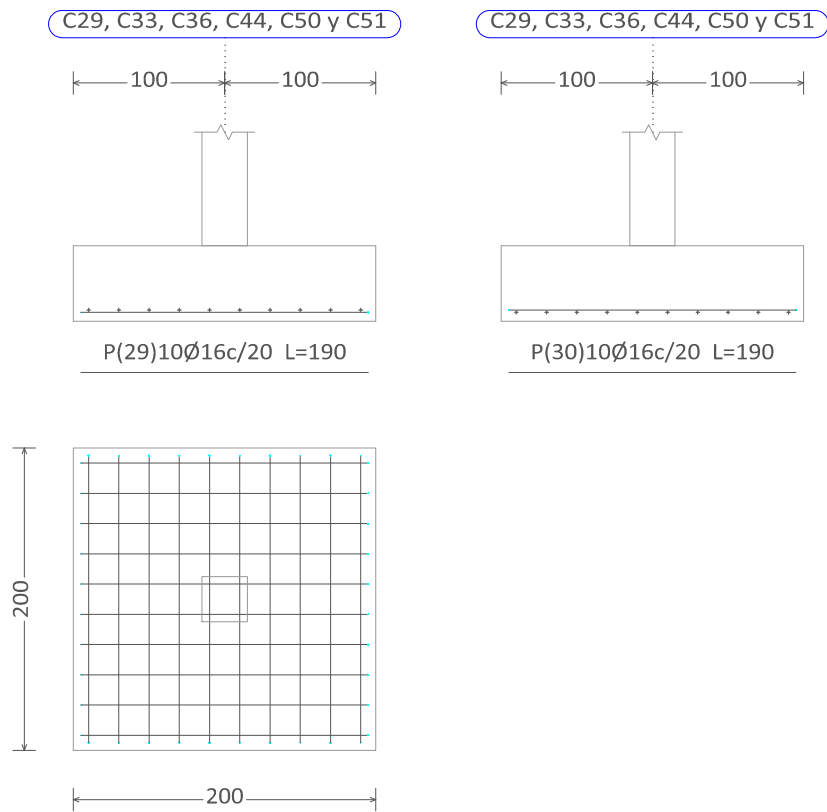
- Overall height: 30
- Overall width: 30
- Top hole: P(47)8X1Ø12 L=153
- Bottom hole: P(48)3Ø6 L=110
- Bottom hole offset: 24
- Bottom hole diameter: Ø6
- Bottom hole length: L=110
- Bottom hole width: 24
- Bottom hole depth: 6

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	PROYECTO : "DISEÑO ESTRUCTURAL DE UN HOTEL UBICADO EN EL BARRIO TABLADITA"		
PLANO : ARMADO FUNDACIONES			
UNIVERSITARIO : LUIS DARIO CHAVEZ RAMOS			PLANO N° 4/21
ESCALA : INDICADA		FECHA : JULIO DE 2024	

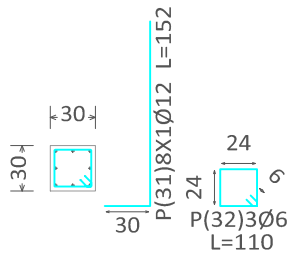
Elemento	Pos.	Diarr.	No.	Long. (cm)	Total (cm)	Af=500 (kg)
(C9-C10-C61)	1	ø16	13	563	8619	35.0
	2	ø16	3	308	9543	153.7
	3	ø16	13	563	8619	35.0
	4	ø16	3	308	9543	153.7
	5	ø12	8	162	1296	1.5
	6	ø6	3	110	333	0.7
	7	ø12	8	162	1296	1.5
	8	ø6	3	110	333	0.7
	9	ø10	40	122	4880	30.1
	10	ø6	3	204	612	1.4
	11	ø6	3	229	687	1.5
	12	ø6	3	204	612	1.4
	13	ø6	3	187	561	1.2
	14	ø6	3	195	585	1.3
	15	ø6	3	187	561	1.2
Total+10%					593.5	
				ø6:	70.4	
				ø10:	33.1	
				ø12:	25.3	
				ø16:	333.7	
				Total	593.5	

Resumen Acero Fundaci3n Despiece fundaci3n	Long. total (m)	Peso+10% (kg)	Total
AH-500	234.2	57	
Ø6	48.8	33	
Ø10	866.0	845	
Ø12	2246.3	3903	4836
Ø16			

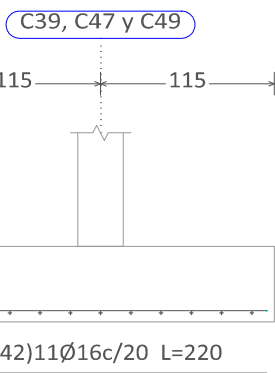
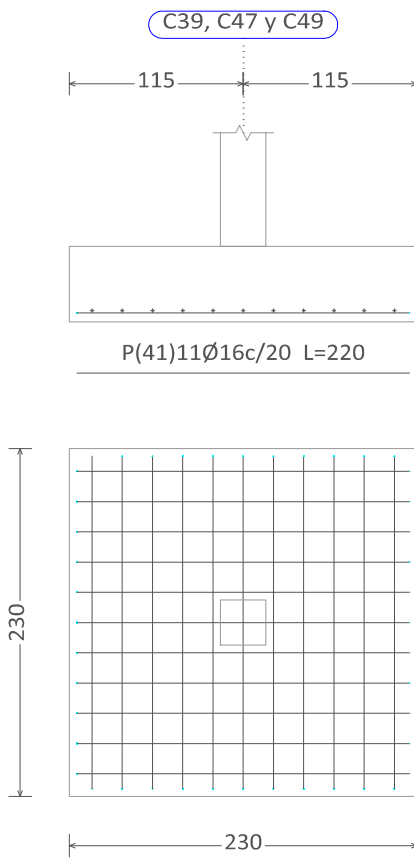
C29, C33, C36, C44, C50 y C51



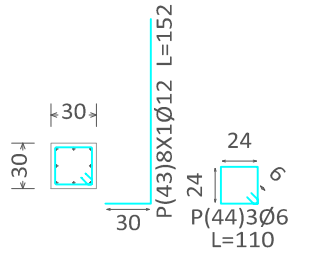
C29, C33, C36, C44, C50 y C51



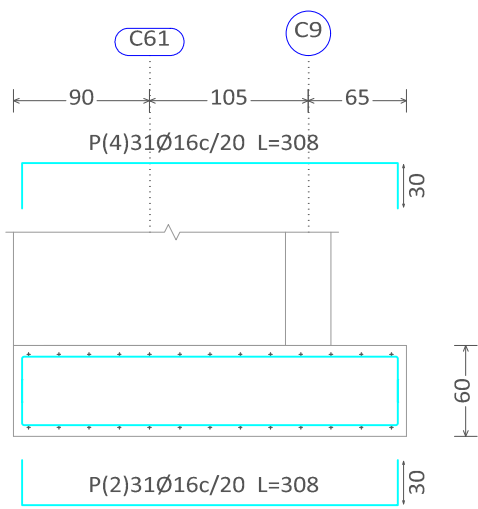
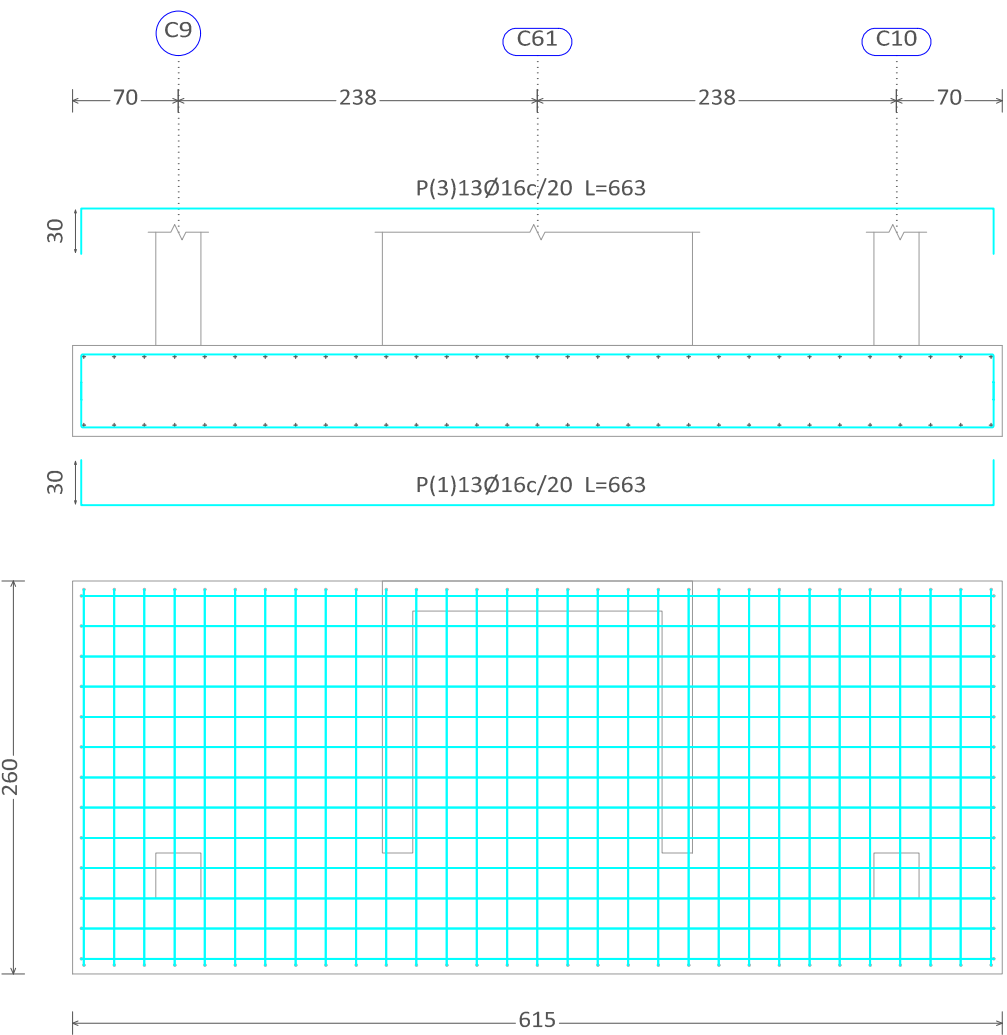
C39, C47 y C49



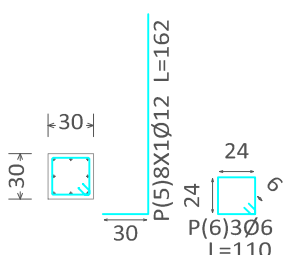
C39, C47 y C49



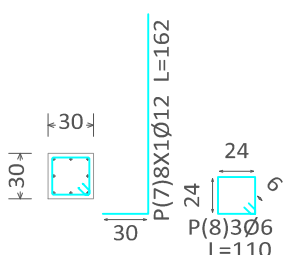
(C9-C10-C61)



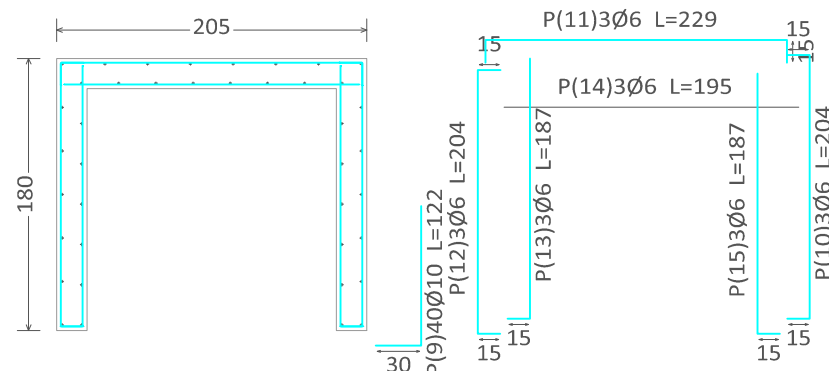
C9



C10



C61



Fundación
Despiece fundación
Hormigón: f21MPa
Escala: 1:50

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
C60	1	Ø16	7	202	1414	22.3
	2	Ø16	7	202	1414	22.3
	3	Ø12	4	133	532	4.7
	4	Ø16	4	154	616	9.7
	5	Ø6	3	110	330	0.7
Total+10%:						65.7
Total-10%:						65.7
Ø6:						0.8
Ø12:						5.2
Ø16:						59.7
Total:						65.7

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
(C9-C10-C61)	1	Ø16	3	663	8619	36.0
	2	Ø16	3	308	9548	150.7
	3	Ø16	3	663	8619	36.0
	4	Ø16	3	308	9548	150.7
	5	Ø12	8	162	1296	11.5
	6	Ø6	3	110	330	0.7
	7	Ø12	8	162	1296	11.5
	8	Ø6	3	110	330	0.7
	9	Ø10	40	122	4880	30.1
	10	Ø6	3	204	612	1.4
	11	Ø6	3	229	687	1.5
	12	Ø6	3	204	612	1.4
	13	Ø6	3	187	561	1.2
	14	Ø6	3	195	585	1.3
	15	Ø6	3	187	561	1.2
Total+10%:						699.5
Ø6:						10.4
Ø10:						33.1
Ø12:						25.3
Ø16:						630.7
Total:						699.5

Resumen Acero Fundación Despiece fundación	long. total (m)	Peso+10% (kg)	Total
AH-500	Ø6	234.2	57
	Ø10	46.8	33
	Ø12	866.0	846
	Ø16	2246.3	3900
			4836

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500 (kg)
C1=C2=C3=C4=C5 C6=C7=C12=C13 C16=C18=C19=C21 C22=C23=C28=C34 C59	1	Ø16	7	202	1414	22.3
	2	Ø16	7	202	1414	22.3
	3	Ø12	8	152	1216	10.8
	4	Ø6	3	110	330	0.7
	Total+10%:					61.7 (x18):1110.6
C8	5	Ø16	14	210	2940	46.4
	6	Ø12	14	210	2940	26.1
	7	Ø12	8	153	1224	10.9
	8	Ø6	3	110	330	0.7
Total+10%:						92.5
C11=C20=C25=C27 C30=C31=C37=C45 C46=C52=C53	9	Ø16	8	210	1680	26.5
	10	Ø16	8	210	1680	26.5
	11	Ø12	8	152	1216	10.8
	12	Ø6	3	110	330	0.7
Total+10%:						110 (x11):781.0
C14=C15=C38=C55 C56=C57=C58	13	Ø16	9	220	1980	31.3
	14	Ø16	9	220	1980	31.3
	15	Ø12	8	152	1216	10.8
	16	Ø6	3	110	330	0.7
Total+10%:						81.5 (x7):570.5
C17=C54	17	Ø16	9	180	1620	25.6
	18	Ø16	9	180	1620	25.6
	19	Ø12	8	152	1216	10.8
	20	Ø6	3	110	330	0.7
Total+10%:						66.0 (x2):136.0
C24	21	Ø16	7	204	1448	22.9
	22	Ø16	7	204	1448	22.5
	23	Ø12	8	152	1216	10.8
	24	Ø6	3	110	330	0.7
Total+10%:						62.6
C26	25	Ø16	10	200	2000	31.6
	26	Ø16	10	200	2000	31.6
	27	Ø12	8	152	1216	10.8
	28	Ø6	3	110	330	0.7
Total+10%:						82.2
C29=C33=C36=C44 C50=C51	29	Ø16	10	190	1900	30.0
	30	Ø16	10	190	1900	30.0
	31	Ø12	8	152	1216	10.8
	32	Ø6	3	110	330	0.7
Total+10%:						78.7 (x6):472.2
C32=C48	33	Ø16	11	210	2310	36.5
	34	Ø16	11	210	2310	36.5
	35	Ø12	8	152	1216	10.8
	36	Ø6	3	110	330	0.7
Total+10%:						93.0 (x2):186.0
C35=C42=C43	37	Ø16	6	178	1068	16.9
	38	Ø16	6	178	1068	16.9
	39	Ø12	8	152	1216	10.8
	40	Ø6	3	110	330	0.7
Total+10%:						45.8 (x3):145.4
C39=C47=C49	41	Ø16	11	220	2420	38.2
	42	Ø16	11	220	2420	38.2
	43	Ø12	8	152	1216	10.8
	44	Ø6	3	110	330	0.7
Total+10%:						96.7 (x3):290.1
C40=C41	45	Ø12	14	200	2800	24.9
	46	Ø12	14	200	2800	24.9
	47	Ø12	8	153	1224	10.9
	48	Ø6	3	110	330	0.7
Total+10%:						67.5 (x2):135.0
Ø6:						45.1
Ø12:						814.4
Ø16:						3210.6
Total:						4070.1



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FACULTAD DE CIENCIAS Y TECNOLOGÍA

CARRERA DE INGENIERÍA CIVIL

DEPARTAMENTO DE ESTRUCTURAS Y CIENCIAS DE LOS MATERIALES

PROYECTO:

"DISEÑO ESTRUCTURAL DE UN HOTEL UBICADO EN EL BARRIO TABLADITA"

PLANO:

ARMADO FUNDACIONES

UNIVERSITARIO:

LUIS DARIO CHAVEZ RAMOS

ESCALA:

INDICADA

FECHA:

JULIO DE 2024

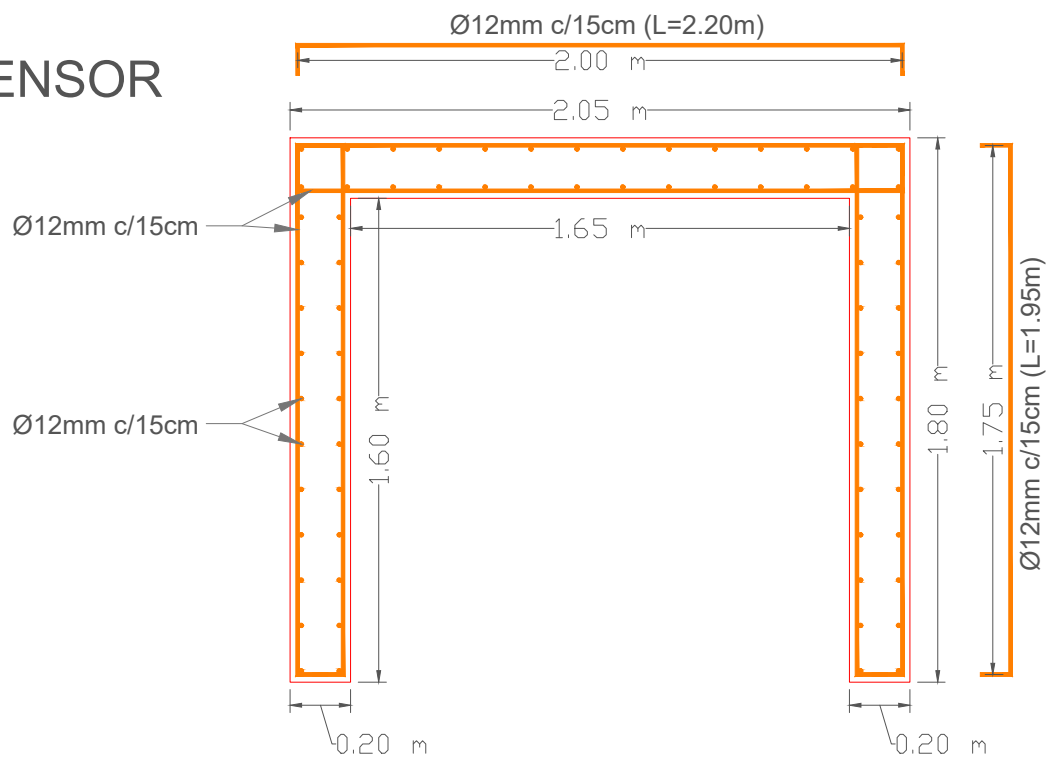
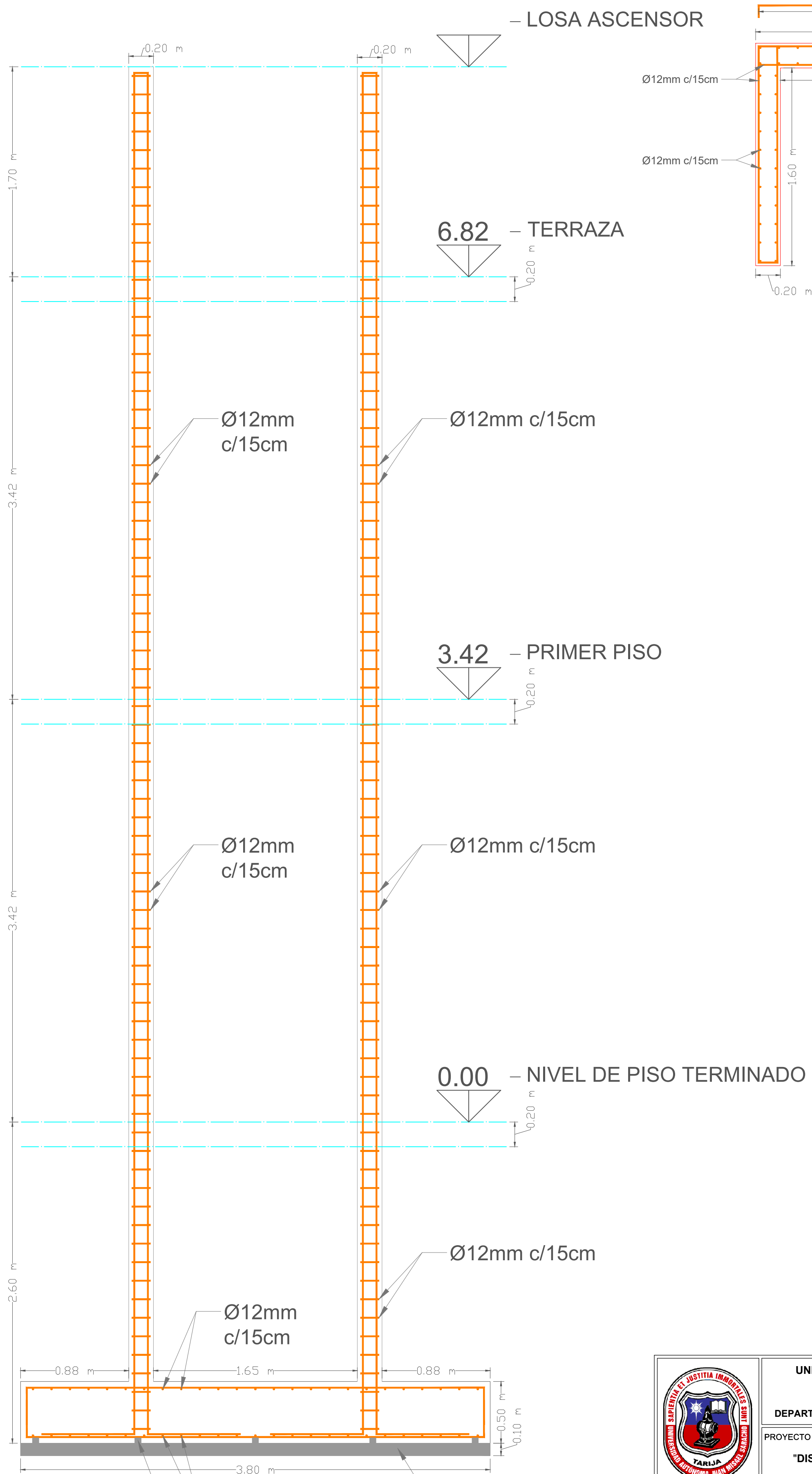
PLANO N°

5/21

Architectural drawing of a building section showing a vertical column and horizontal beams. The column is labeled "E Ø6mm c/15cm" and has vertical dimensions of 3.42 m and 3.42 m. Horizontal dimensions include 3.012m, 2.012m, and 3.012m. The drawing shows a cross-section of a concrete column with reinforcement bars. The horizontal beams are labeled "VA 30x40". The drawing includes a section line "E-3" and a scale bar. The drawing is titled "E-3" and "E-3".

CORTE LONGITUDINAL NUCLEO DE ASENSOR
ESCALA 1 :25

SECCIÓN TRANSVERSAL
NUCLEO DE ASCENSOR
NIVEL -2.60 A +8.52
ESCALA 1:25



Cuadro de columnas			
Escala 1:25			
Hormigón: H21MPA			
Acero en barras: AH-500			
Acero en estribos: AH-500			

Resumen Acero	Cuadro de columnas	Long. total (m)	Peso+10% (kg)	Total
AH-500	Ø6	3547.9	866	
	Ø12	5370.1	5245	
	Ø16	46.7	8	6192

Galletas de hormigon e=5cm

Ø12mm c/15cm

Carpeta de nivelacion e=10cm



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PROYECTO :
"DISEÑO ESTRUCTURAL DE UN HOTEL UBICADO EN EL BARRIO TABLADITA"

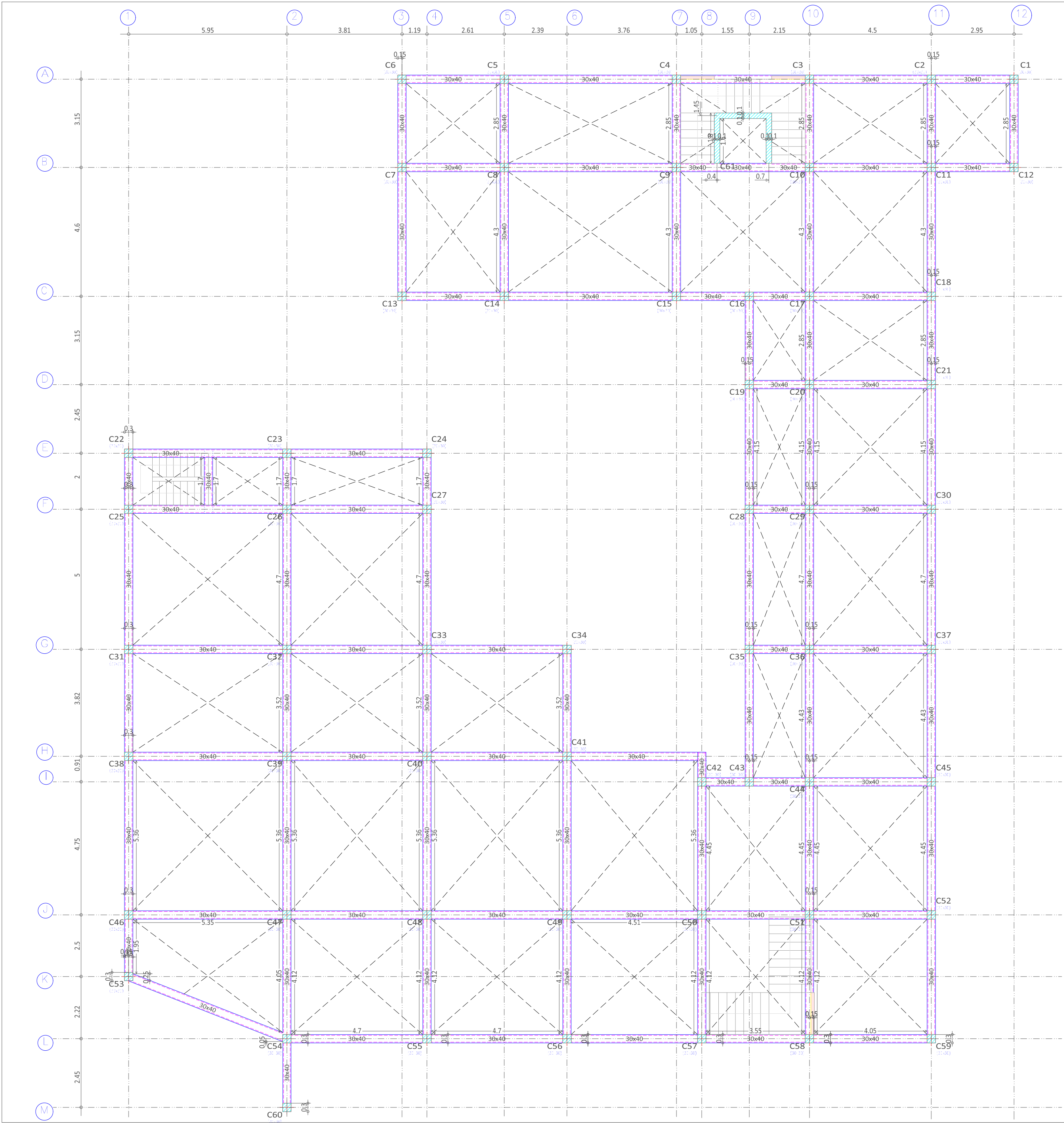
PLANO :
ARMADO MUROS Y COLUMNAS

UNIVERSITARIO :
LUIS DARIO CHAVEZ RAMOS

ESCALA :
INDICADA

PLANO N°
7/21

FECHA :
JULIO DE 2024



Planta baja
Replanteo
Escala: 1:100



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PROYECTO :
"DISEÑO ESTRUCTURAL DE UN HOTEL UBICADO EN EL BARRIO TABLADITA"

PLANO :
REPLANTEO FUNDACIÓN Y PLANTA BAJA

UNIVERSITARIO :
LUIS DARIO CHAVEZ RAMOS

PLANO N°

ESCALA :
INDICADA

FECHA :
JULIO DE 2024

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